

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112087.D
 Acq On : 17 Jan 2019 14:17
 Operator : JU/SJ
 Sample : K1167-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Manual Integrations
 APPROVED

Sohil
 1/18/2019 11:45:43 AM

Quant Time: Jan 18 00:21:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	344873	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1267082	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	576630	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	938819	20.00	ng	0.00
76) Chrysene-d12	14.03	240	737059	20.00	ng	0.00
87) Perylene-d12	15.50	264	651885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2353847	123.88	ng	0.02
7) Phenol-d6	6.52	99	2963748	124.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	1908458	104.06	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	793263	127.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3242352	82.44	ng	0.00
79) Terphenyl-d14	12.97	244	2779585	80.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	317105	35.584	ng	98
3) Pyridine	3.44	79	895188	40.108	ng	99
4) n-Nitrosodimethylamine	3.39	42	440935	48.657	ng	99
6) Aniline	6.53	93	935662	32.360	ng	# 27
8) 2-Chlorophenol	6.66	128	960232	43.513	ng	99
9) Benzaldehyde	6.41	77	273980	17.268	ng	98
10) Phenol	6.53	94	1139559	43.861	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	891756	43.167	ng	97
12) 1,3-Dichlorobenzene	6.81	146	1050607	41.717	ng	98
13) 1,4-Dichlorobenzene	6.88	146	1058241	41.080	ng	99
14) 1,2-Dichlorobenzene	7.04	146	981610	41.368	ng	99
15) Benzyl Alcohol	7.01	79	789436	44.571	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1247946	41.891	ng	91
17) 2-Methylphenol	7.13	107	758121	45.745	ng	97
18) Hexachloroethane	7.37	117	344339	40.049	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	625868	43.215	ng	99
20) 3+4-Methylphenols	7.28	107	917183	45.645	ng	# 77
22) Acetophenone	7.27	105	1226320	41.776	ng	# 98
24) Nitrobenzene	7.45	77	969493	49.879	ng	100
25) Isophorone	7.69	82	1741532	49.162	ng	97
26) 2-Nitrophenol	7.76	139	488904	48.857	ng	98
27) 2,4-Dimethylphenol	7.80	122	844215	51.341	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1119971	46.091	ng	99
29) 2,4-Dichlorophenol	8.01	162	825873	45.977	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	887189	42.560	ng	99
31) Naphthalene	8.17	128	2609426	45.278	ng	99
32) Benzoic acid	7.93	122	258428	37.939	ng	95
33) 4-Chloroaniline	8.22	127	584240	22.557	ng	99
34) Hexachlorobutadiene	8.29	225	475287	40.970	ng	100
35) Caprolactam	8.59	113	259748m	41.316	ng	
36) 4-Chloro-3-methylphenol	8.72	107	798221	45.498	ng	96
37) 2-Methylnaphthalene	8.86	142	1817854	46.452	ng	98
38) 1-Methylnaphthalene	8.96	142	1693122	45.018	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	839265	45.326	ng	100

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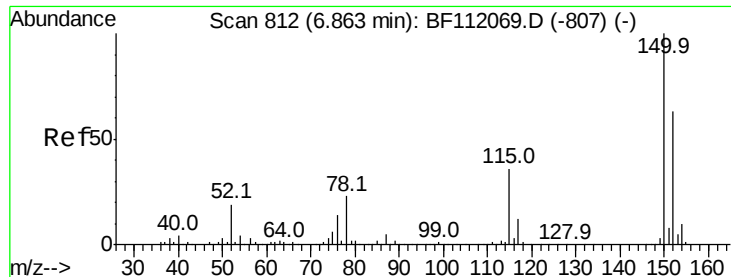
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	245922	37.834	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	567858	51.265	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	591118	50.105	nq	98
46) 1,1'-Biphenyl	9.33	154	2114690	43.859	nq	98
47) 2-Chloronaphthalene	9.35	162	1652674	43.789	nq	97
48) 2-Nitroaniline	9.45	65	470520	55.348	nq	92
49) Acenaphthylene	9.77	152	2512866	45.625	nq	99
50) Dimethylphthalate	9.63	163	2290814	54.475	nq	99
51) 2,6-Dinitrotoluene	9.69	165	438006	52.155	nq	91
52) Acenaphthene	9.94	154	1463823	43.440	nq	99
53) 3-Nitroaniline	9.86	138	322331	34.323	nq	# 98
54) 2,4-Dinitrophenol	9.96	184	100549	49.240	nq	96
55) Dibenzofuran	10.11	168	2179000	42.758	nq	97
56) 4-Nitrophenol	10.04	139	587020	86.930	nq	96
57) 2,4-Dinitrotoluene	10.09	165	535387	49.504	nq	92
58) Fluorene	10.45	166	1653911	43.438	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	437426	49.135	nq	99
60) Diethylphthalate	10.32	149	1850101	45.071	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	855410	41.634	nq	98
62) 4-Nitroaniline	10.47	138	397104	42.584	nq	95
63) Azobenzene	10.60	77	1620778	41.231	nq	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	98581	29.964	nq	95
66) n-Nitrosodiphenylamine	10.56	169	1536292	49.499	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	514477	47.179	nq	98
68) Hexachlorobenzene	11.00	284	520528	44.312	nq	98
69) Atrazine	11.09	200	485752	48.502	nq	98
70) Pentachlorophenol	11.20	266	455488	80.598	nq	99
71) Phenanthrene	11.42	178	2184860	46.244	nq	99
72) Anthracene	11.47	178	2228572	46.563	nq	99
73) Carbazole	11.62	167	2006543	41.851	nq	99
74) Di-n-butylphthalate	11.94	149	2502892	46.409	nq	100
75) Fluoranthene	12.60	202	2137169	42.842	nq	99
77) Benzidine	12.72	184	999846	40.657	nq	95
78) Pyrene	12.83	202	2166419	44.551	nq	99
80) Butylbenzylphthalate	13.44	149	1001479	46.944	nq	93
81) Benzo(a)anthracene	14.02	228	1980769	46.870	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	732413	46.277	nq	98
83) Chrysene	14.06	228	1845117	46.141	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1427537	46.690	nq	98
85) Di-n-octyl phthalate	14.61	149	2351375	49.915	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1582798	42.903	nq	100
88) Benzo(b)fluoranthene	15.07	252	1737535	46.956	nq	99
89) Benzo(k)fluoranthene	15.10	252	1737738	48.520	nq	100
90) Benzo(a)pyrene	15.44	252	1631763	48.085	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1327464	44.043	nq	98
92) Benzo(g,h,i)perylene	17.44	276	1273679	42.895	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

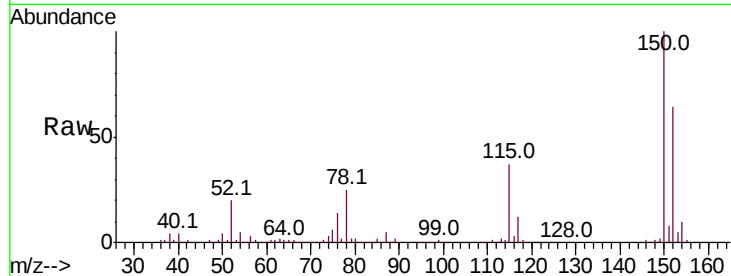
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.0
115	57.0	45.5	68.3

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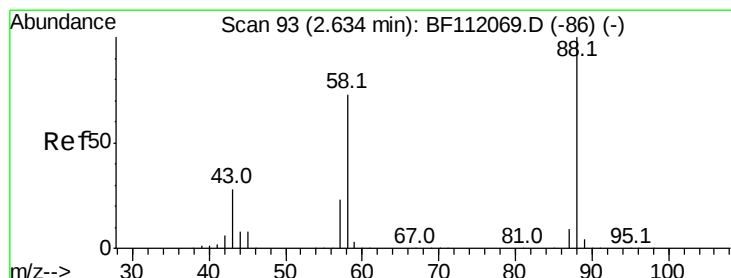
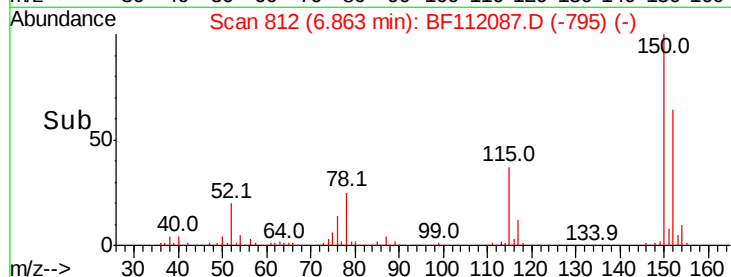
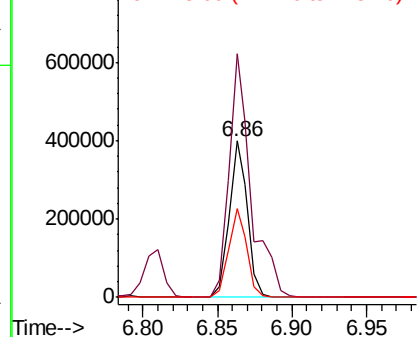


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

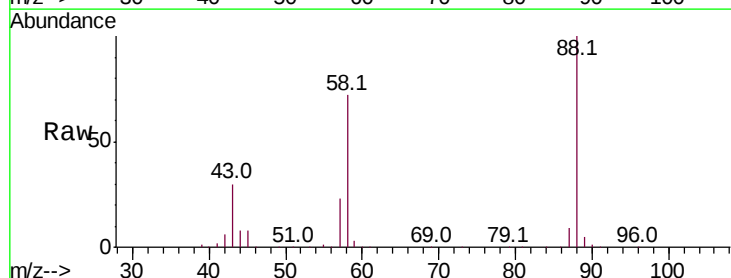
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.584 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	57.4	86.2
43	28.9	22.2	33.4

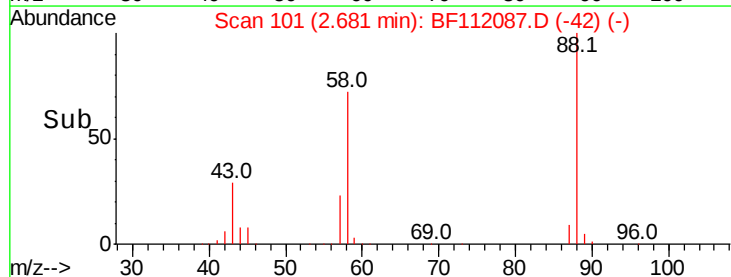
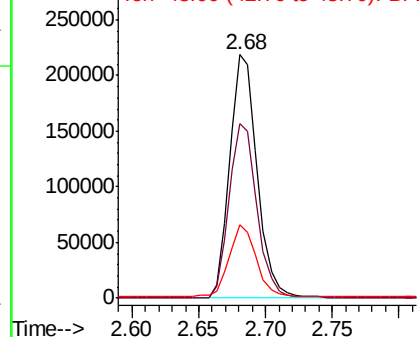


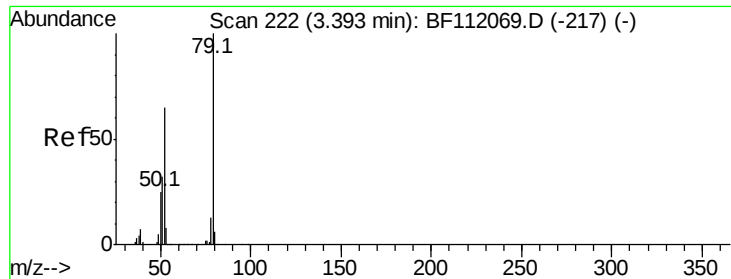
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





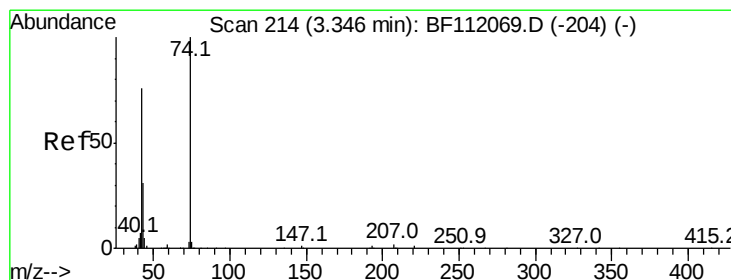
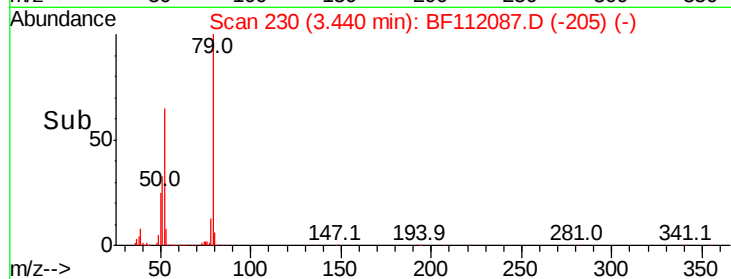
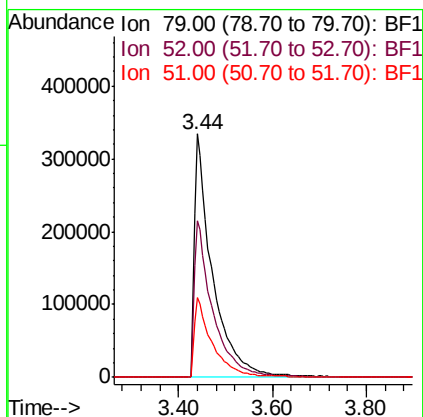
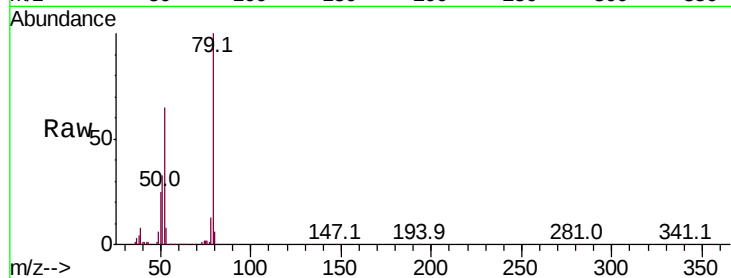
#3
 Pvridine
 Concen: 40.108 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.05 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.5	52.4	78.6
51	32.6	26.1	39.1

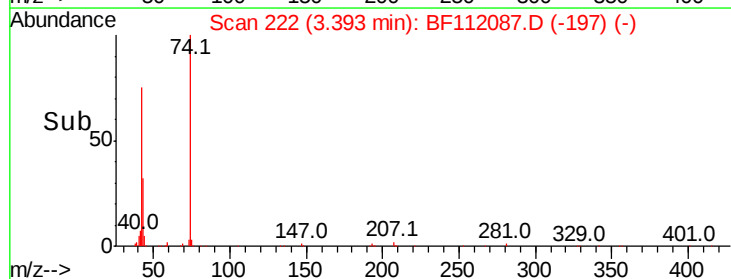
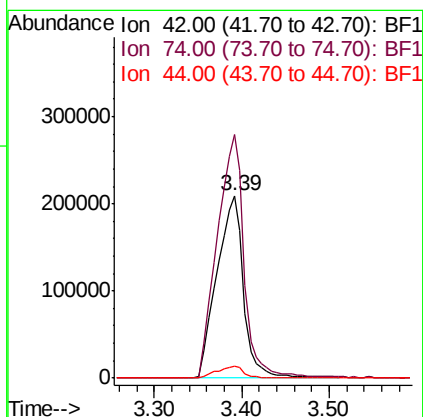
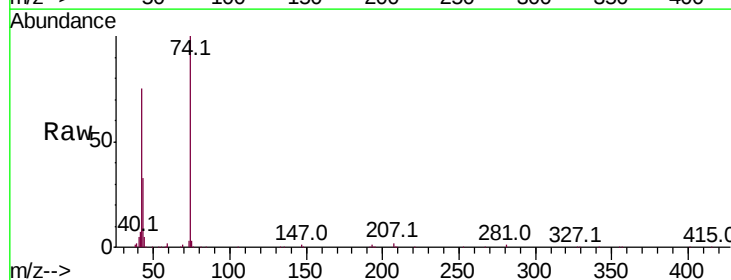
Manual Integrations
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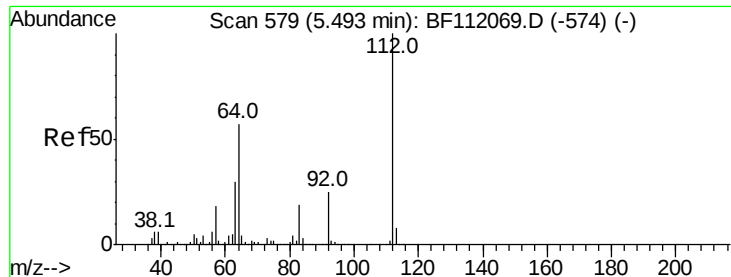
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#4
 n-Nitrosodimethylamine
 Concen: 48.657 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.05 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.2	105.6	158.4
44	6.3	5.4	8.2





#5

2-Fluorophenol

Concen: 123.881 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:112 Resp: 2353847

Ion Ratio Lower Upper

112 100

64 55.4 45.7 68.5

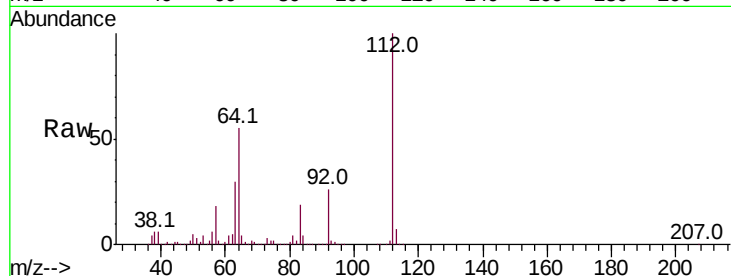
63 29.9 23.6 35.4

Manual Integrations

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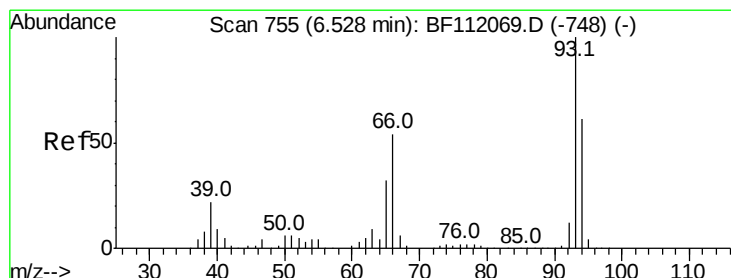
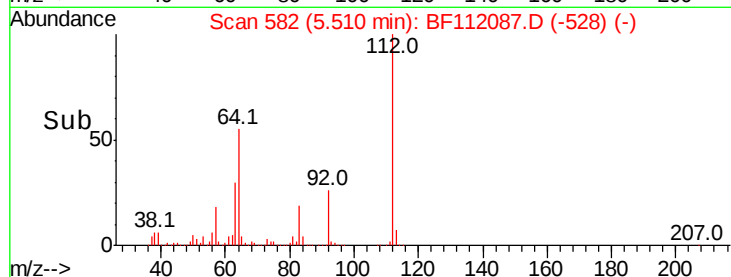
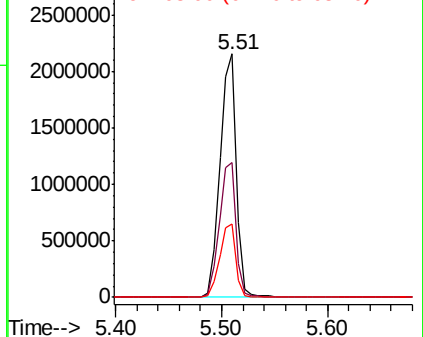
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.360 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

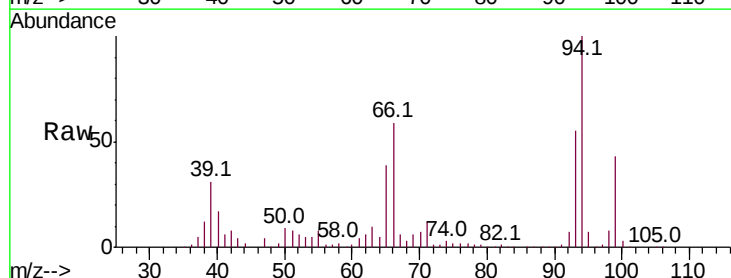
Tgt Ion: 93 Resp: 935662

Ion Ratio Lower Upper

93 100

66 107.5 43.4 65.2#

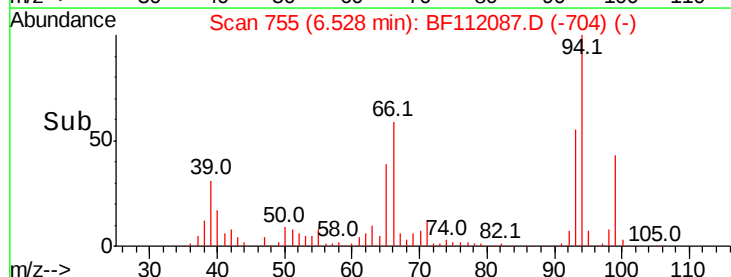
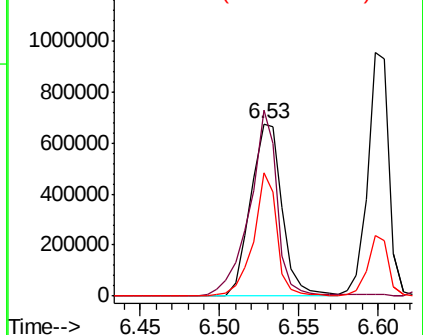
65 71.7 25.3 37.9#

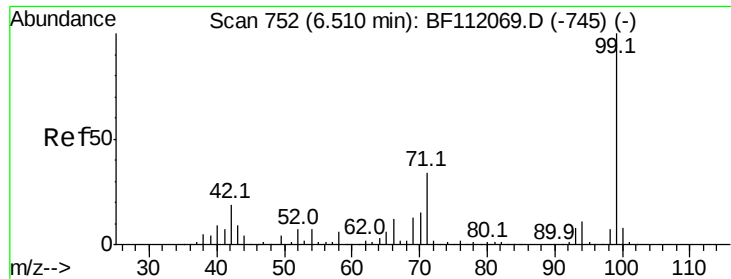


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.669 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion: 99 Resp: 2963748

Ion Ratio Lower Upper

99 100

42 19.9 15.1 22.7

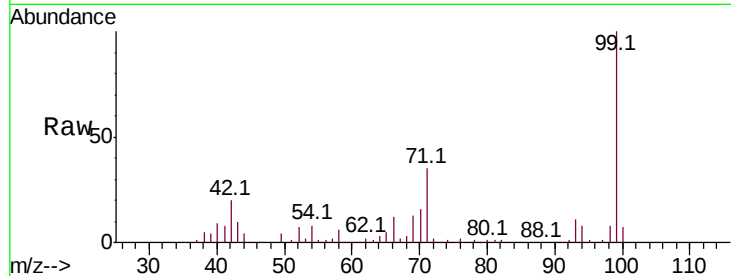
71 35.0 26.9 40.3

Manual Integrations

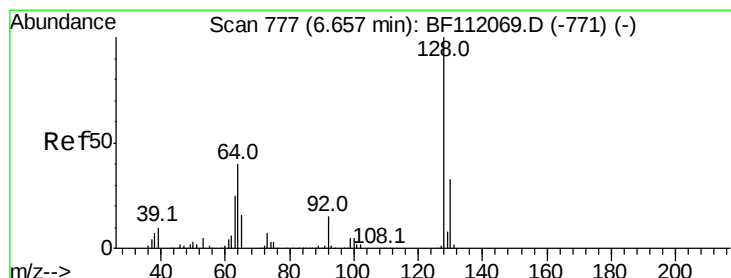
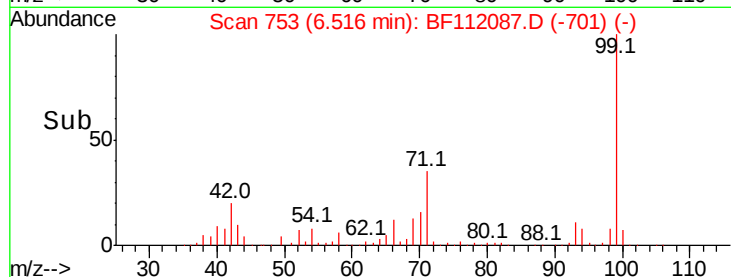
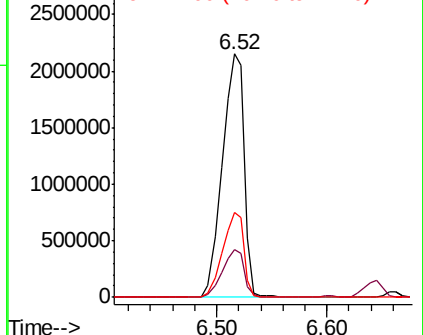
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.513 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

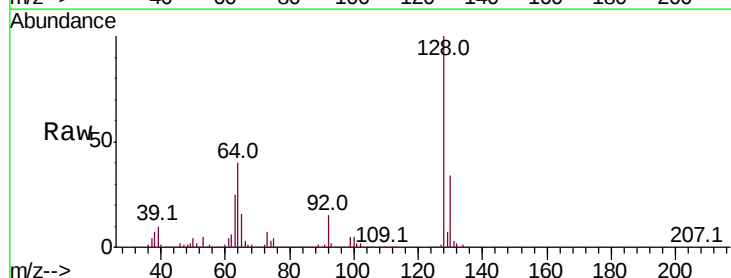
Tgt Ion:128 Resp: 960232

Ion Ratio Lower Upper

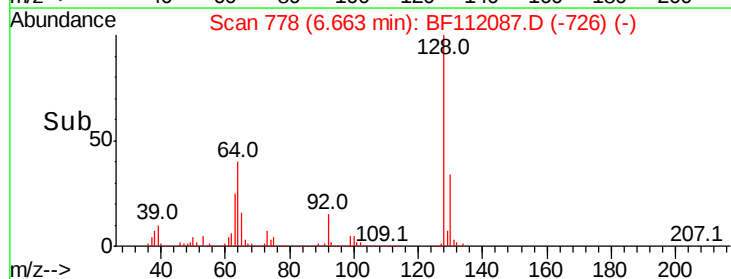
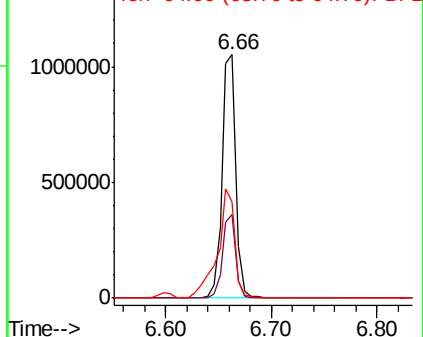
128 100

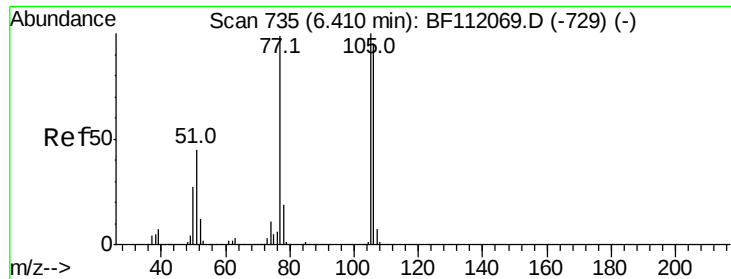
130 34.2 13.4 53.4

64 39.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.268 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

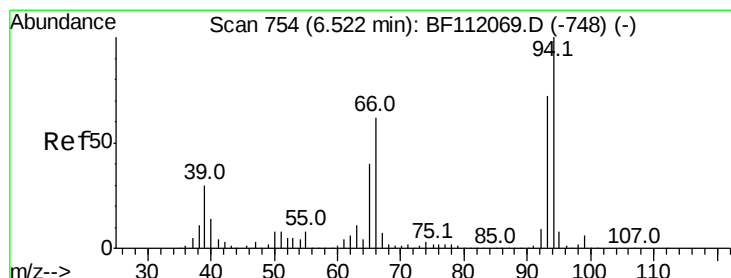
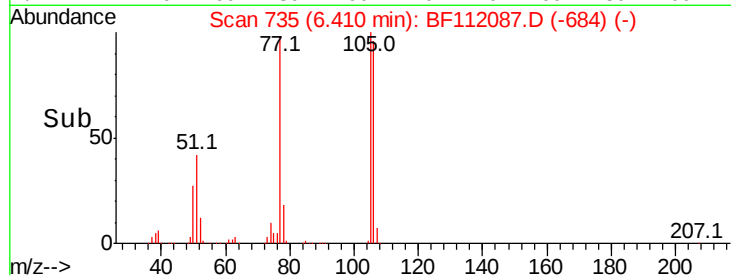
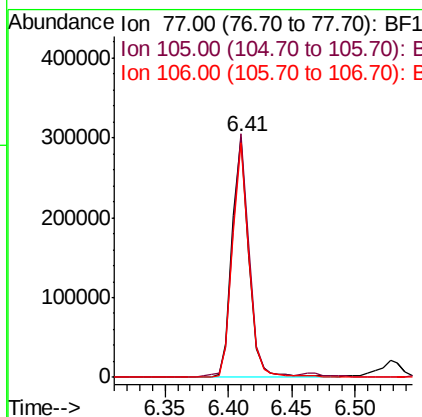
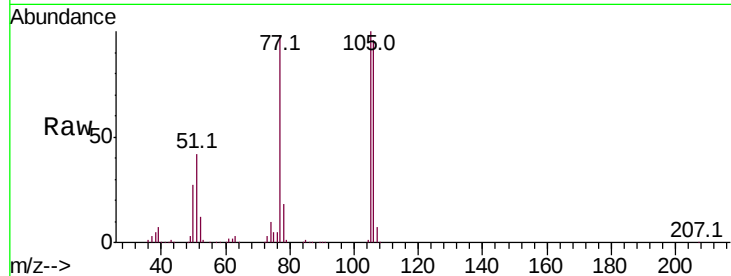
ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:	77	Resp:	273980
Ion	Ratio	Lower	Upper
77	100		
105	101.5	80.8	120.8
106	98.0	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 43.861 ng

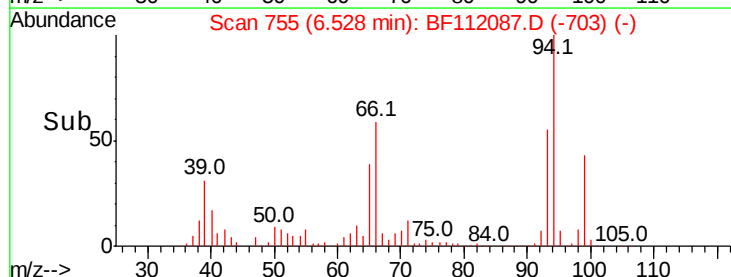
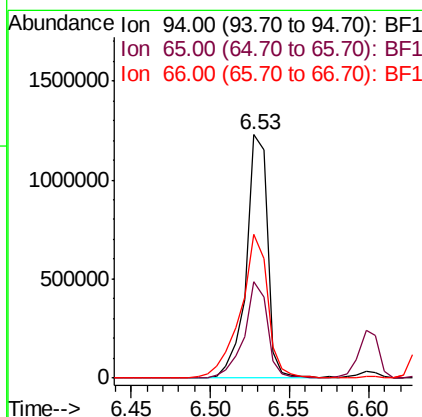
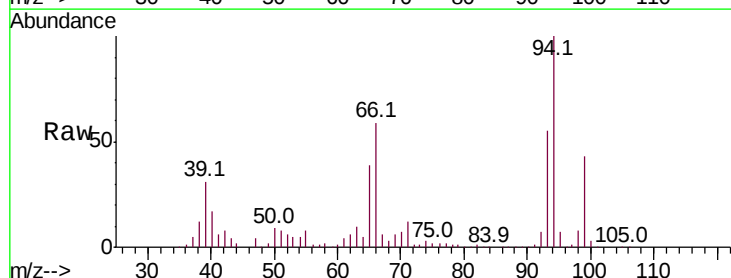
RT: 6.53 min Scan# 755

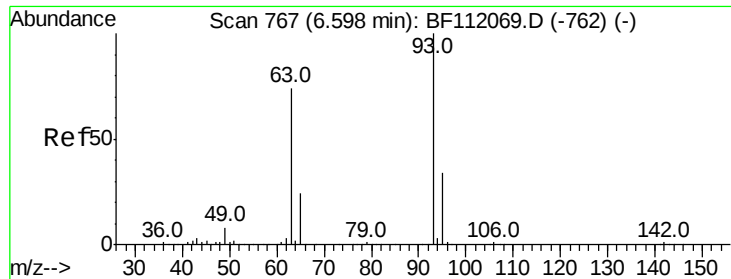
Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion:	94	Resp:	1139559
Ion	Ratio	Lower	Upper
94	100		
65	39.5	20.3	60.3
66	59.1	42.4	82.4





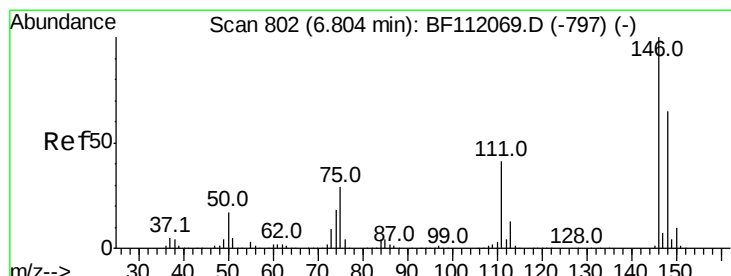
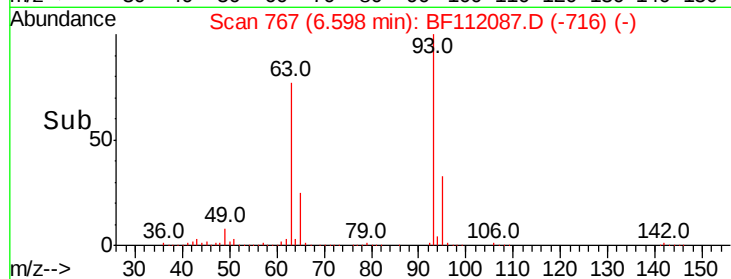
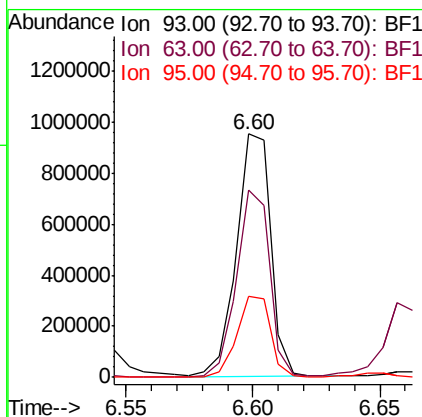
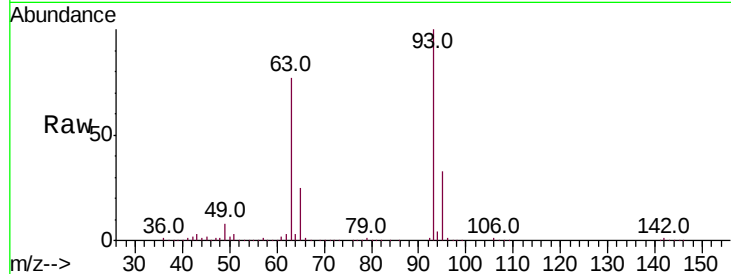
#11
 bis(2-Chloroethyl)ether
 Concen: 43.167 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion:	93	Resp:	891756
Ion Ratio	Lower	Upper	
93	100		
63	77.1	53.3	93.3
95	33.1	13.4	53.4

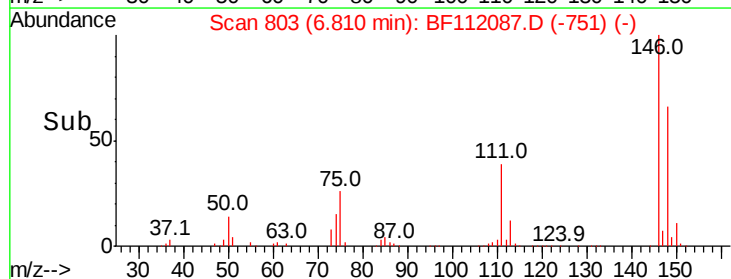
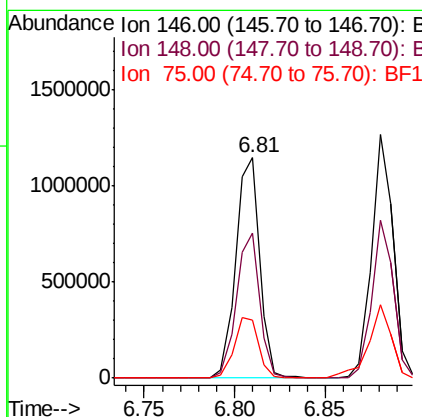
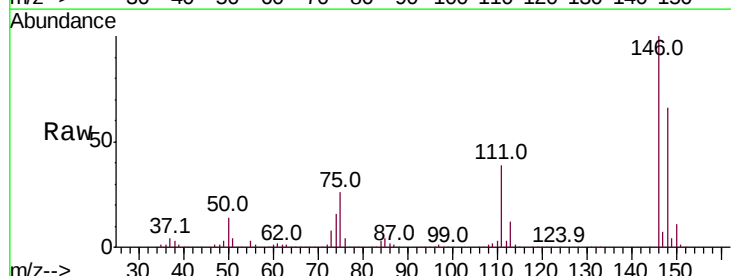
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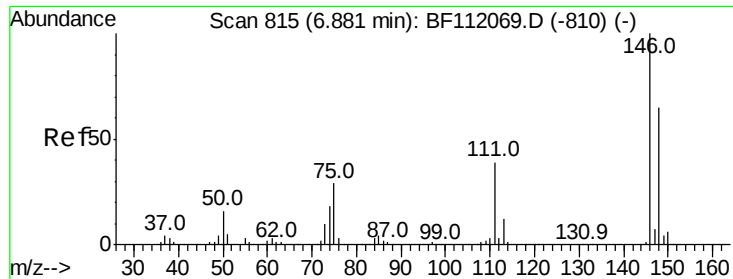
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#12
 1,3-Dichlorobenzene
 Concen: 41.717 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:	146	Resp:	1050607
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.8
75	26.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.080 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:146 Resp: 1058241

Ion Ratio Lower Upper

146 100

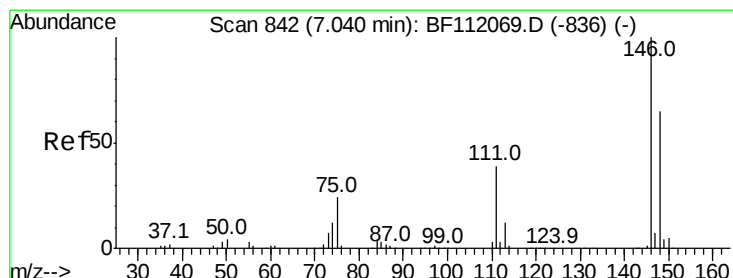
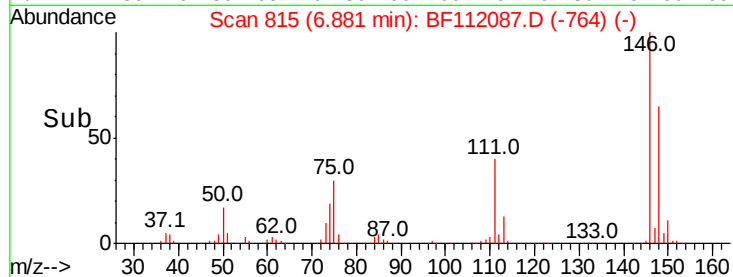
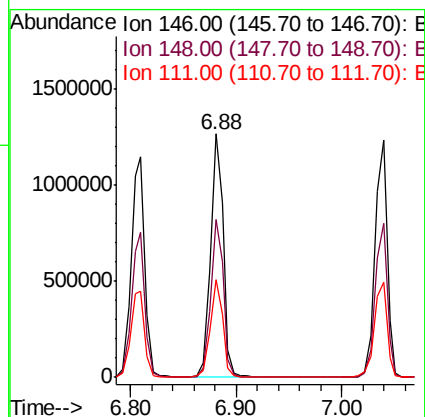
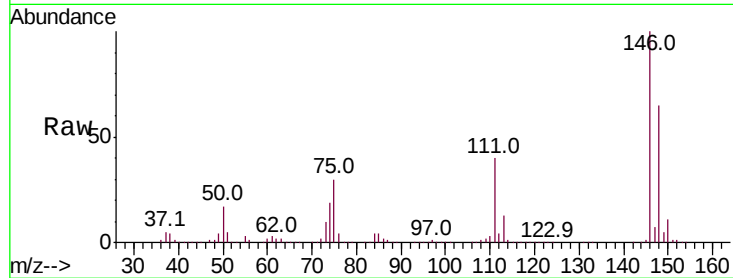
148 65.0 52.0 78.0

111 40.4 31.2 46.8

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#14

1,2-Dichlorobenzene

Concen: 41.368 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

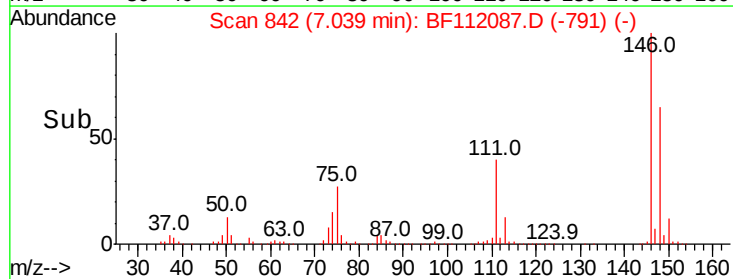
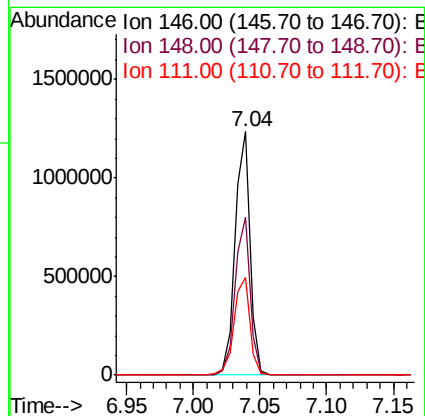
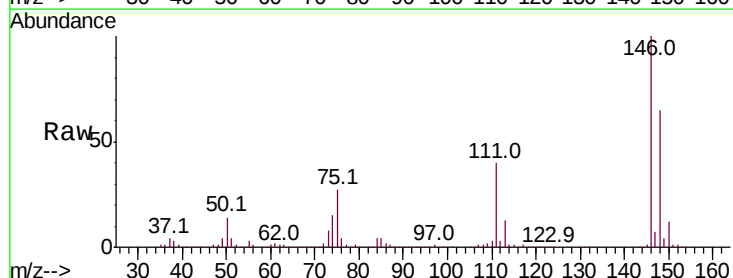
Tgt Ion:146 Resp: 981610

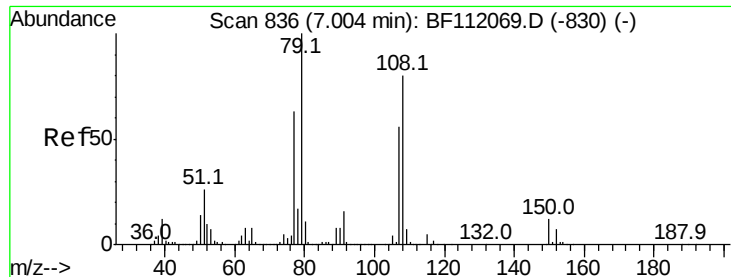
Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

111 39.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 44.571 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

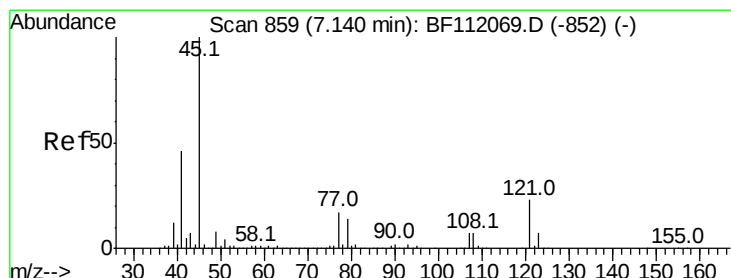
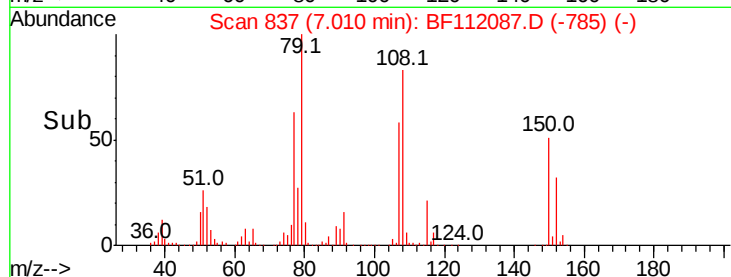
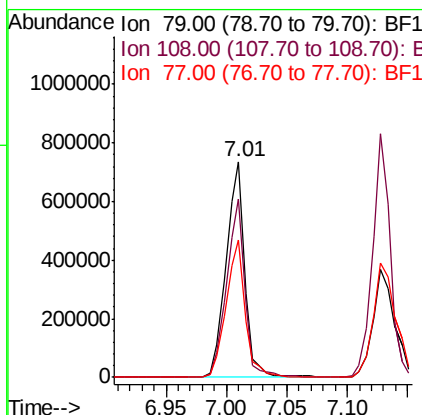
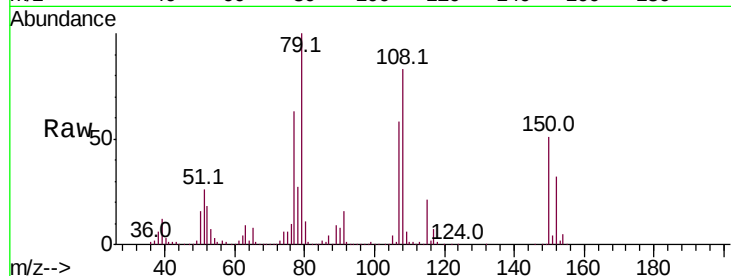
ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:	79	Resp:	789436
Ion Ratio	Lower	Upper	
79	100		
108	82.7	64.2	96.2
77	63.4	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.891 ng

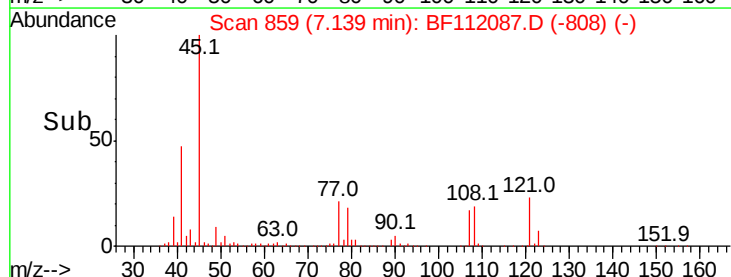
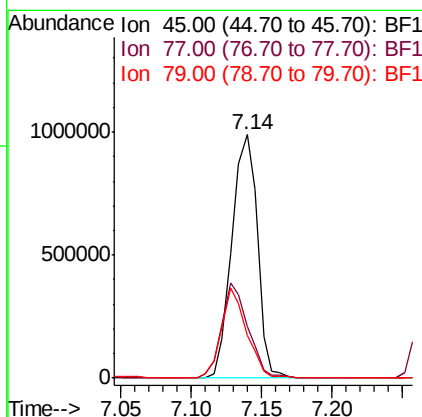
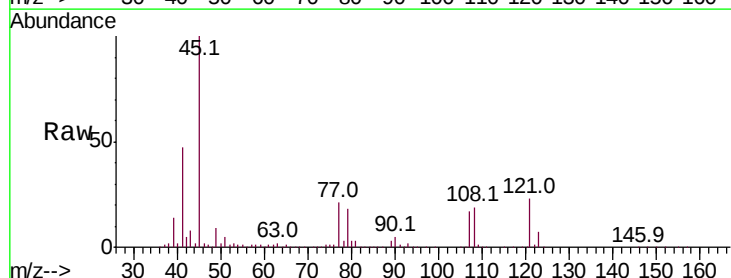
RT: 7.14 min Scan# 859

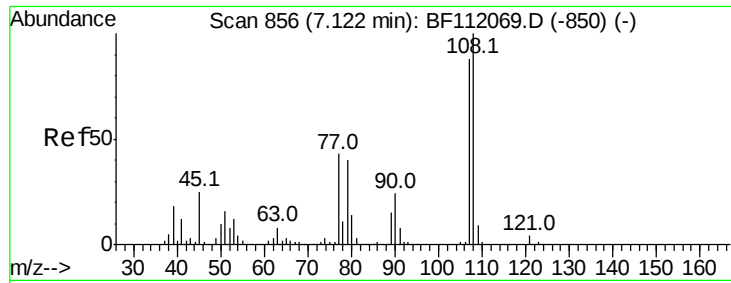
Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion:	45	Resp:	1247946
Ion Ratio	Lower	Upper	
45	100		
77	21.1	0.0	36.9
79	17.7	0.0	34.0





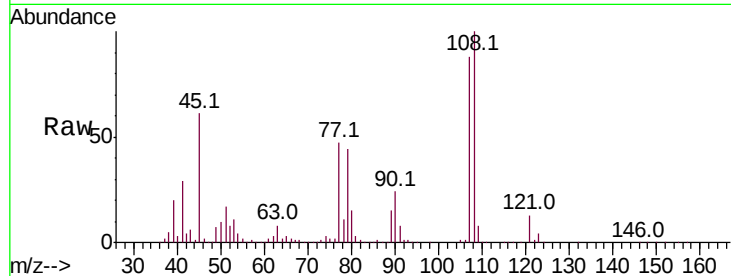
#17
2-Methylphenol
Concen: 45.745 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

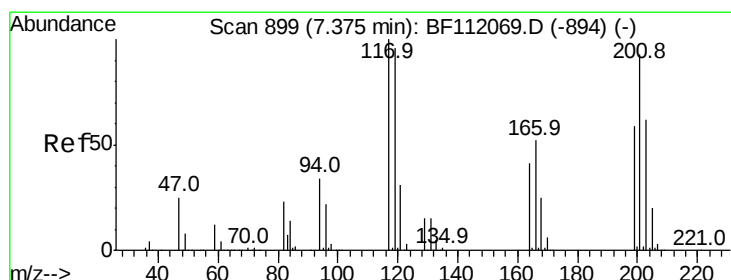
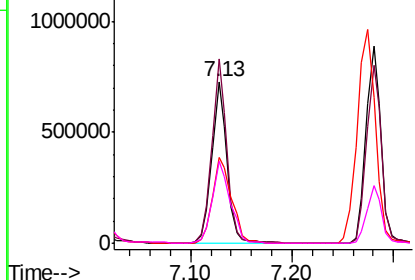
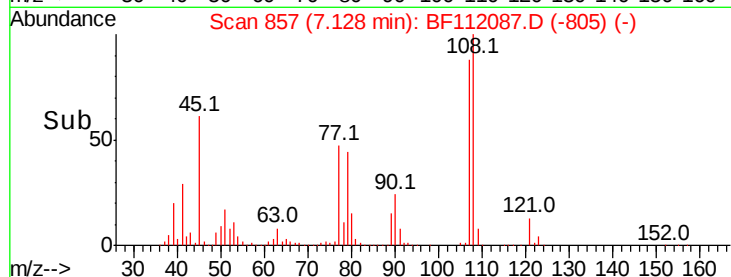
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.3	136.9	
77	53.2	39.0	58.6	
79	50.4	37.0	55.4	

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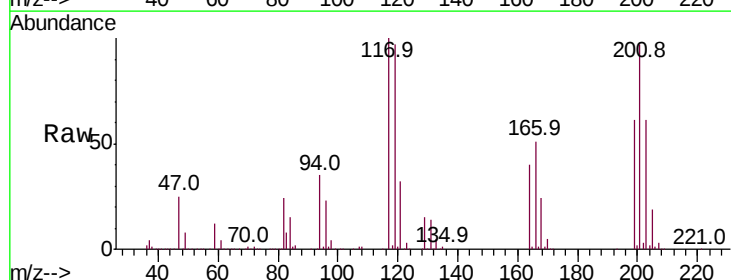


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

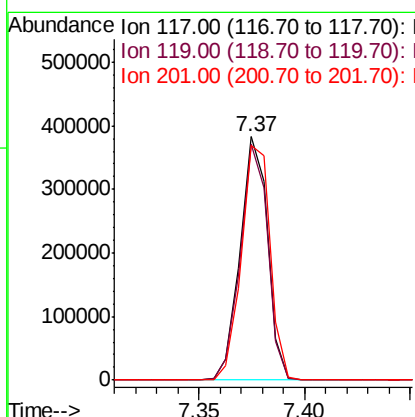
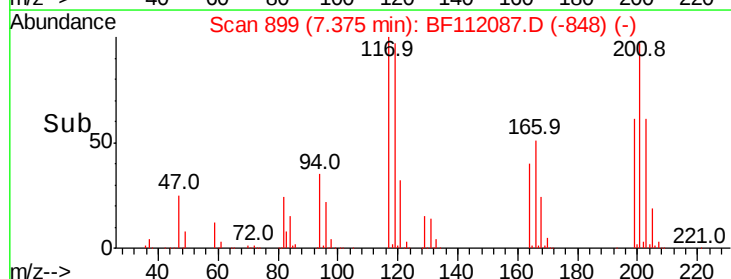


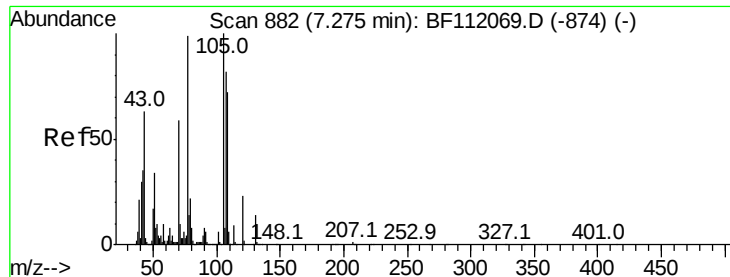
#18
Hexachloroethane
Concen: 40.049 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.0	115.4	
201	96.6	74.1	111.1	



Abundance Ion 117.00 (116.70 to 117.70): E
500000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





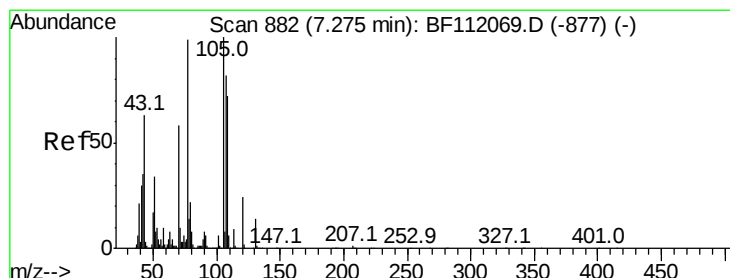
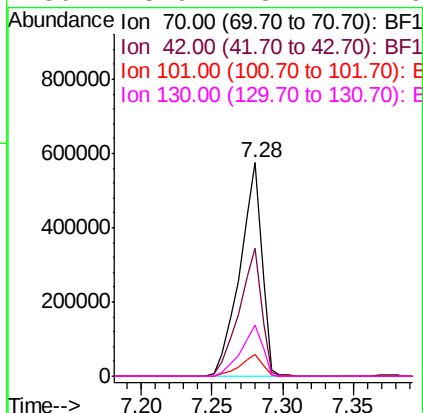
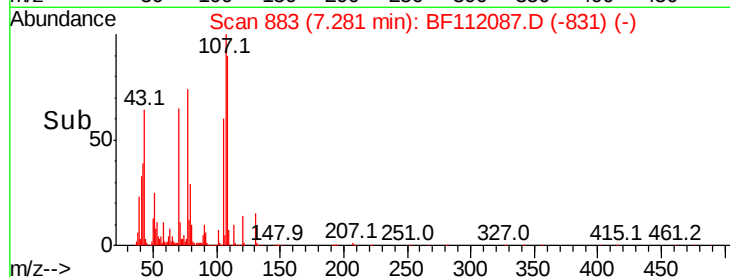
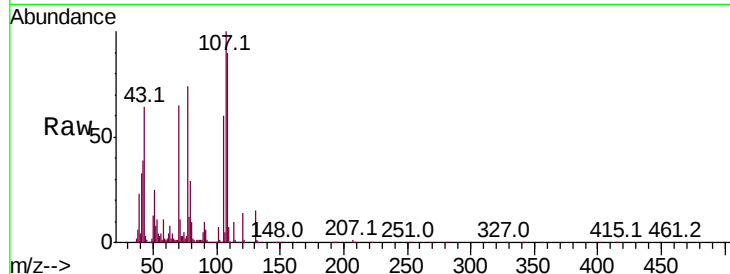
#19
n-Nitroso-di-n-propylamine
Concen: 43.215 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	10.3	7.9	11.9
130	23.9	18.4	27.6

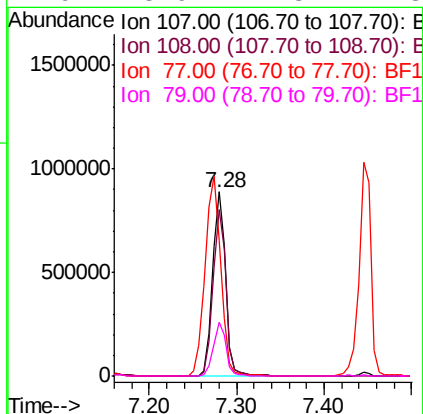
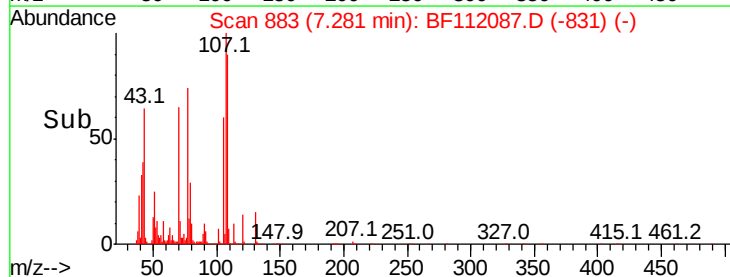
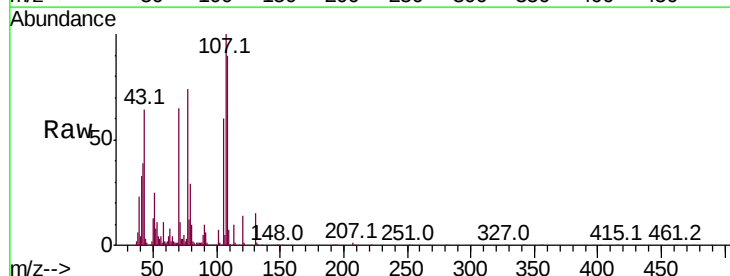
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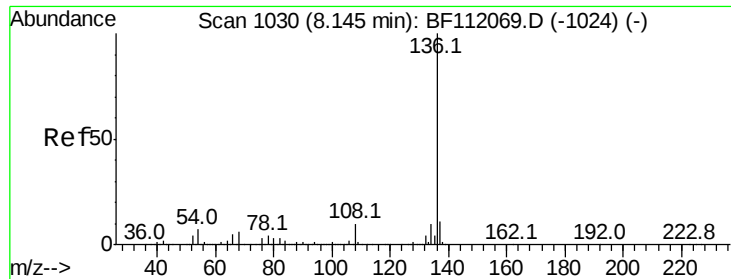
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#20
3+4-Methylphenols
Concen: 45.645 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	73.8	100.7	140.7#
79	28.9	7.3	47.3





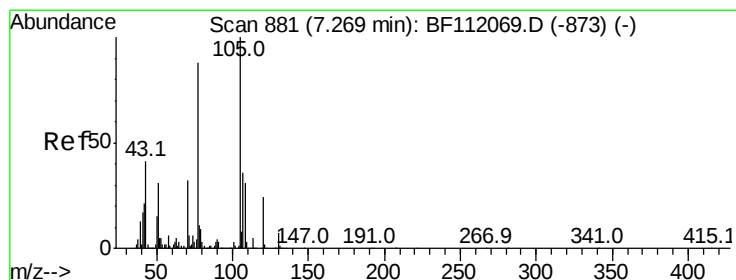
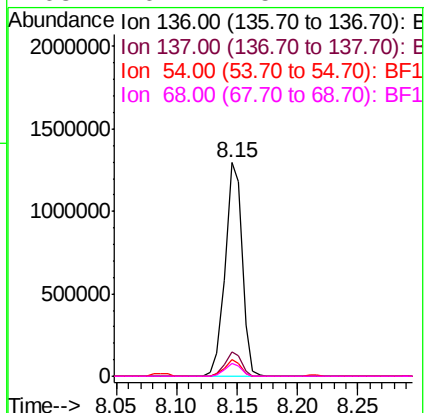
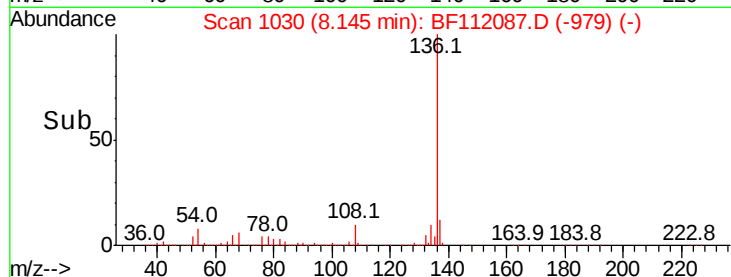
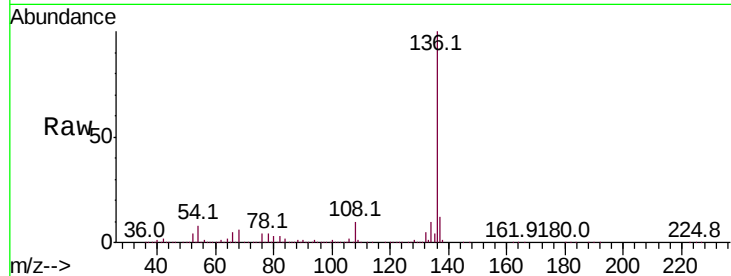
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.0	5.9	8.9
68	6.2	5.1	7.7

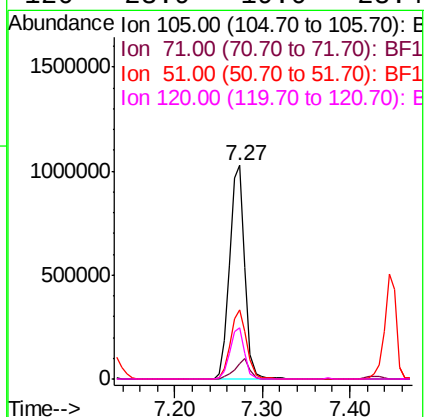
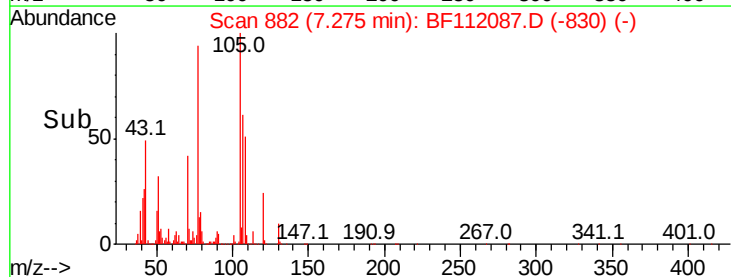
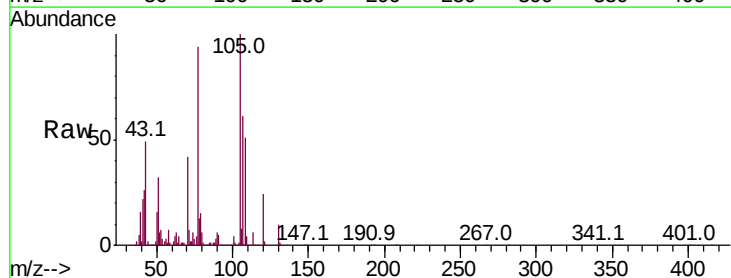
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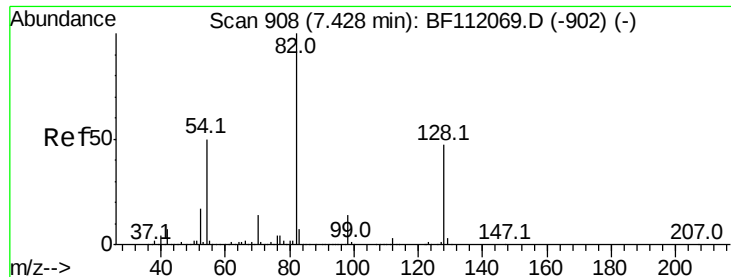
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#22
Acetophenone
Concen: 41.776 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.6	6.8#
51	32.4	25.0	37.6
120	23.9	19.0	28.4





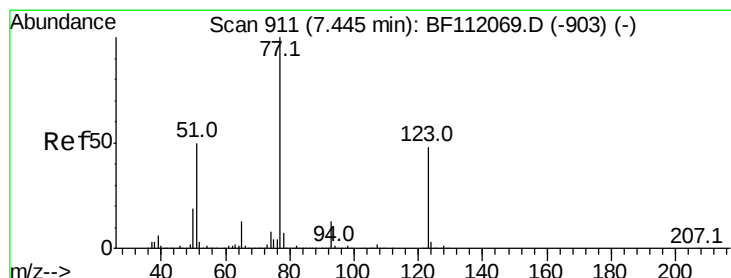
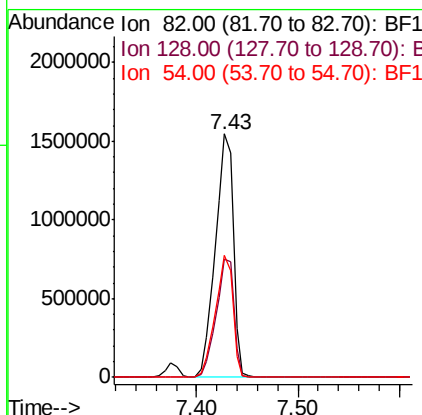
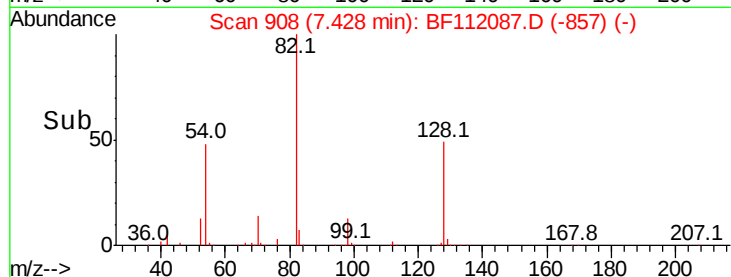
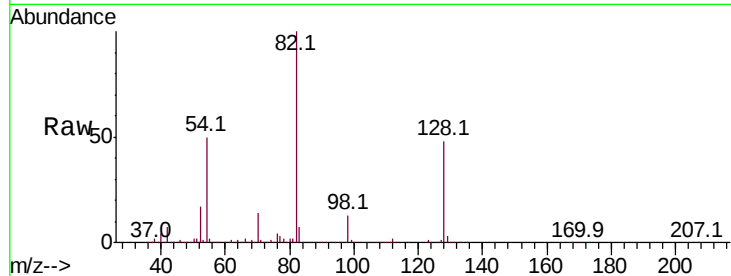
#23
Nitrobenzene-d5
Concen: 104.061 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.8	56.8
54	49.9	39.7	59.5

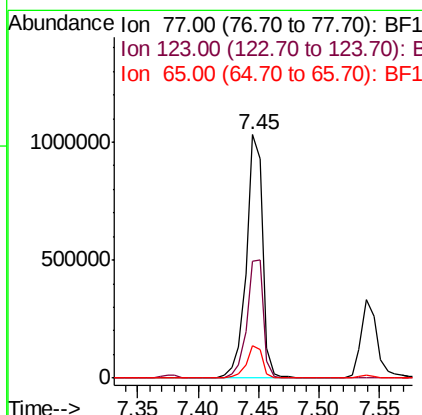
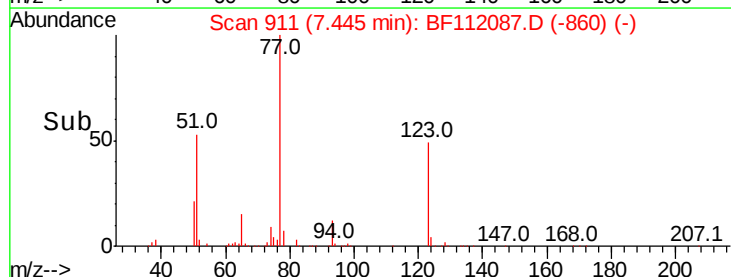
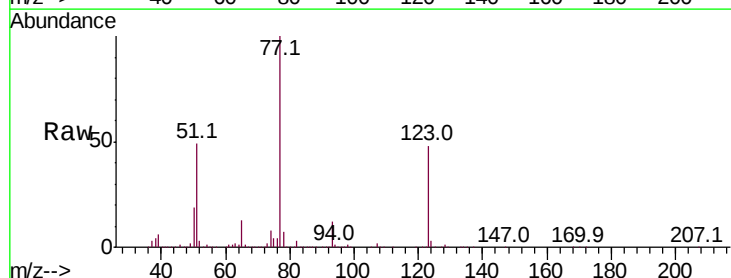
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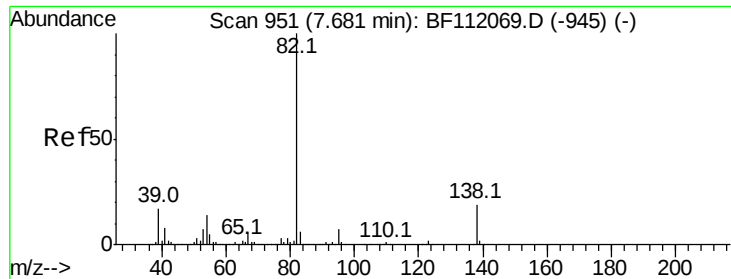
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#24
Nitrobenzene
Concen: 49.879 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.4	57.6
65	13.4	10.6	15.8





#25

Isophorone

Concen: 49.162 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion: 82 Resp: 1741532

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

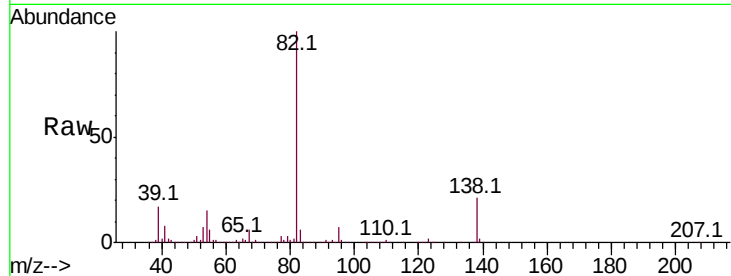
138 21.0 15.4 23.0

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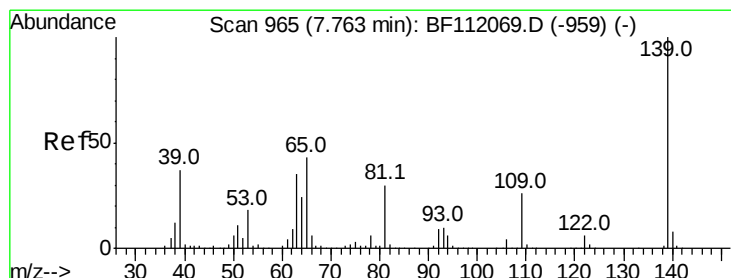
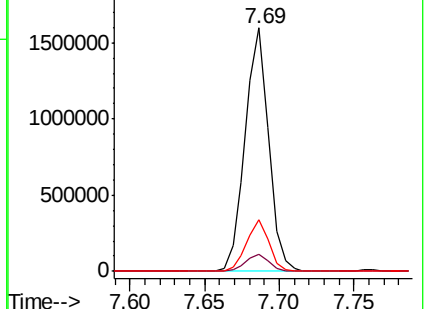
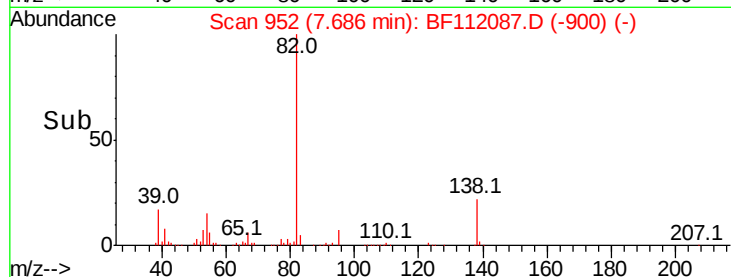
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.857 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

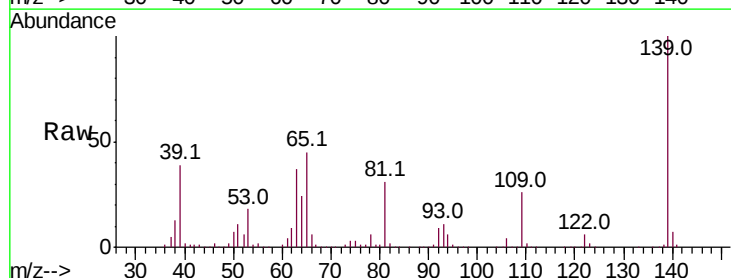
Tgt Ion:139 Resp: 488904

Ion Ratio Lower Upper

139 100

109 26.1 20.8 31.2

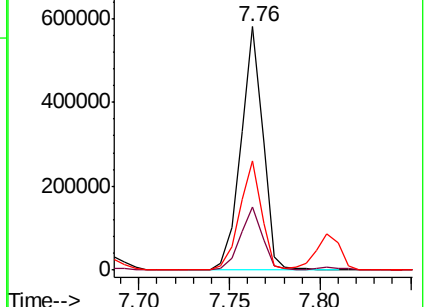
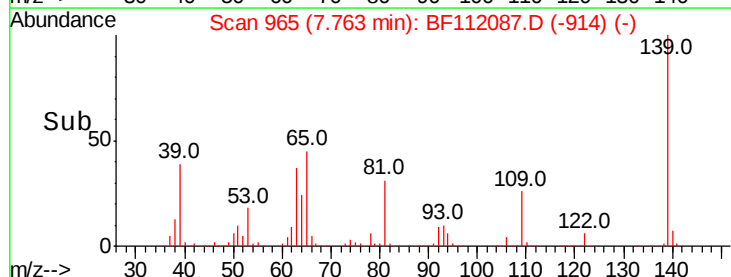
65 45.0 34.4 51.6

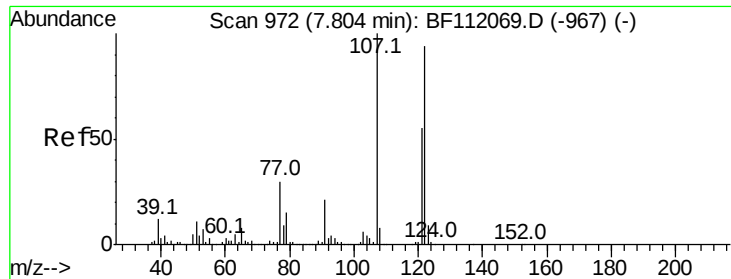


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.341 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

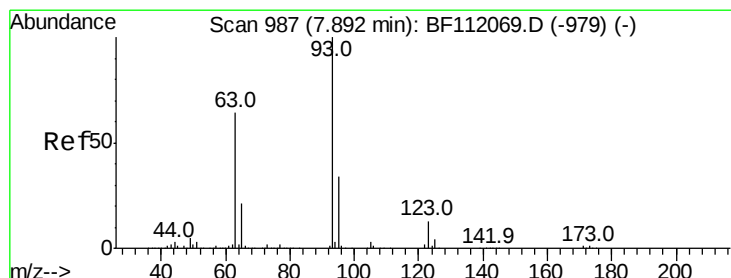
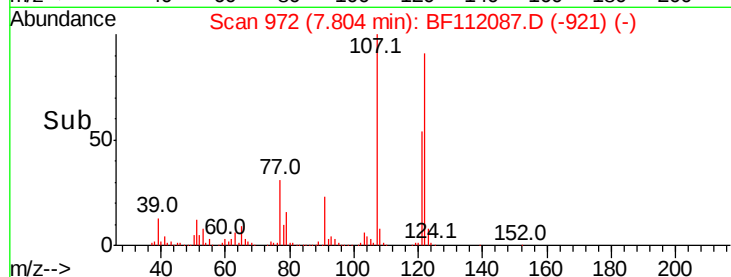
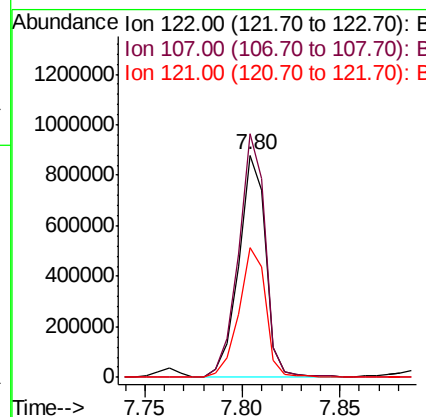
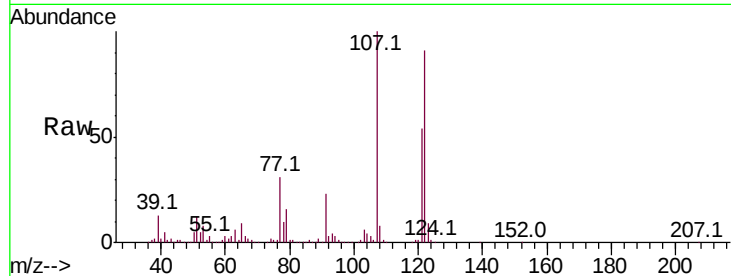
ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	85.4	128.0
121	58.7	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 46.091 ng

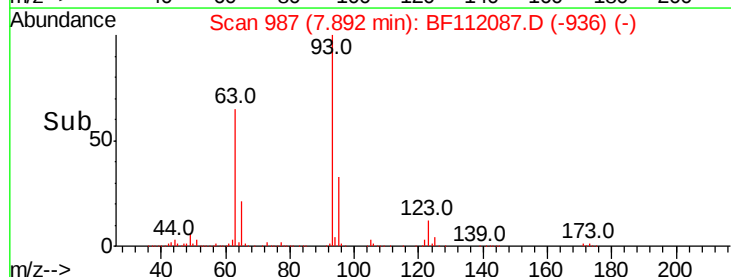
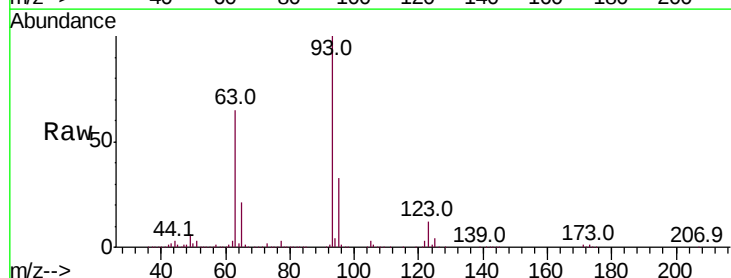
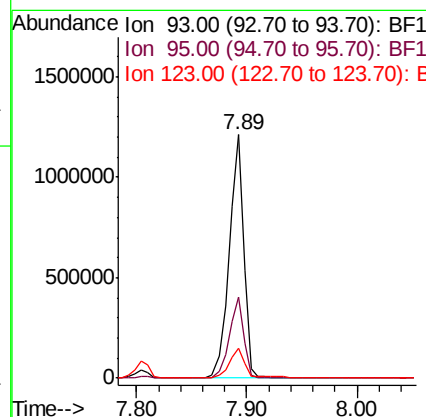
RT: 7.89 min Scan# 987

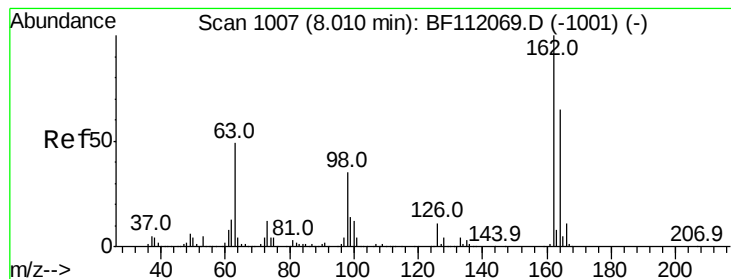
Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.3	10.2	15.2





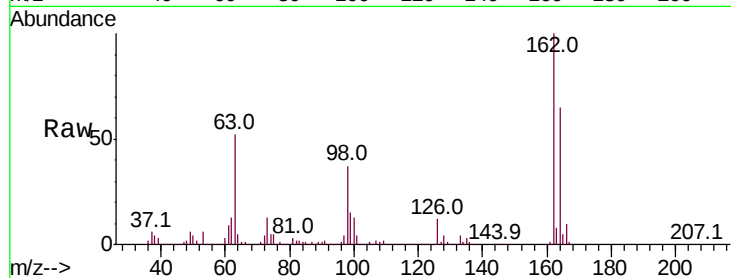
#29
 2,4-Dichlorophenol
 Concen: 45.977 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	36.8	14.6	54.6

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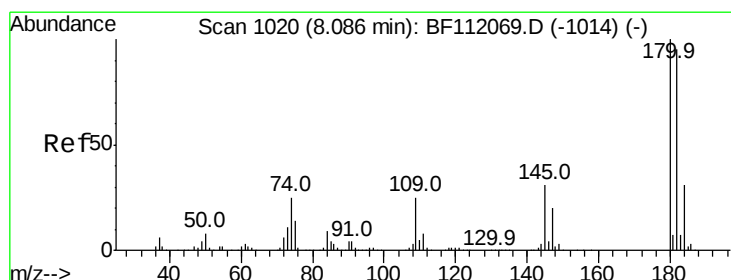
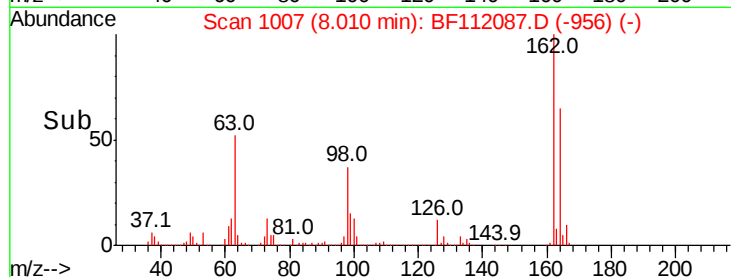
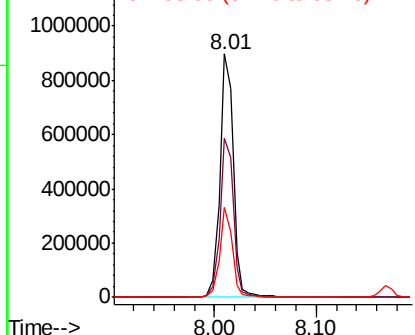


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.560 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

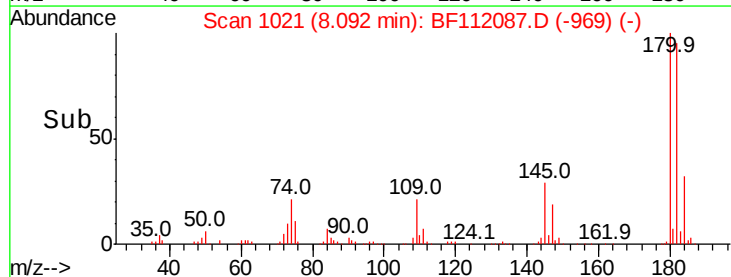
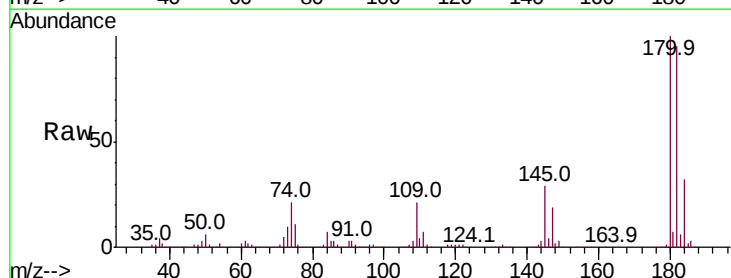
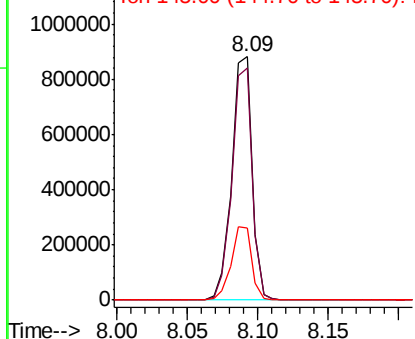
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	29.4	25.0	37.4

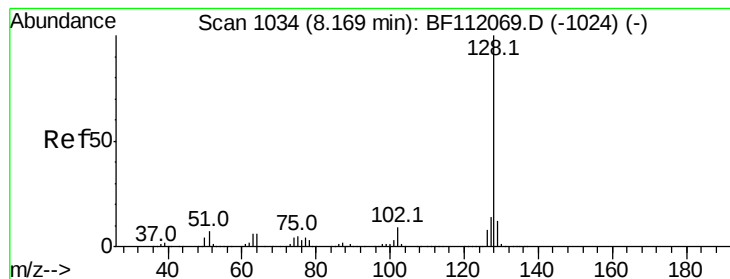
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.278 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:128 Resp: 2609426

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

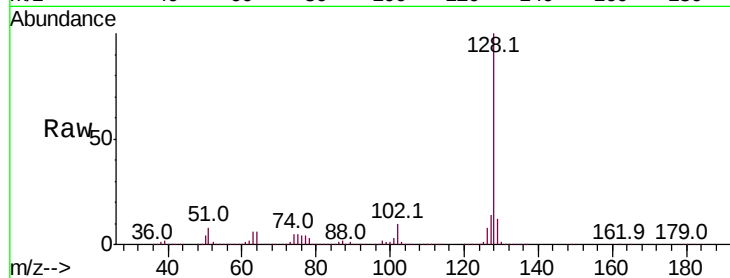
127 14.5 11.1 16.7

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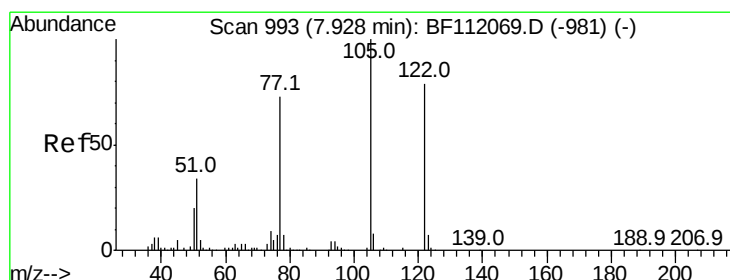
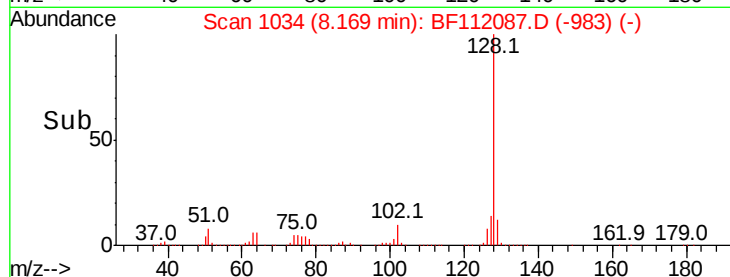
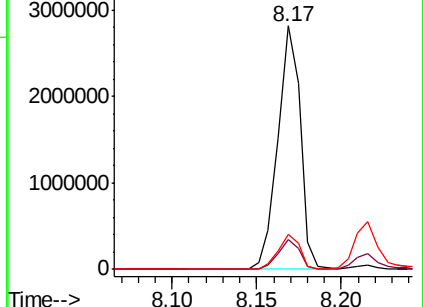
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.939 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

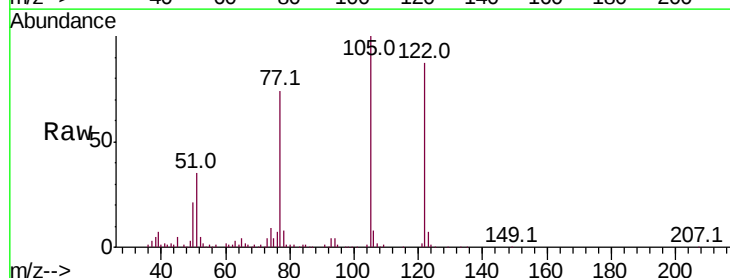
Tgt Ion:122 Resp: 258428

Ion Ratio Lower Upper

122 100

105 115.1 101.2 141.2

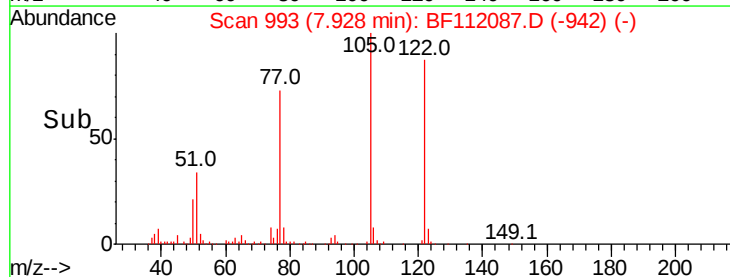
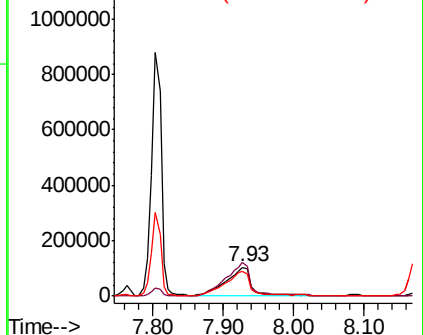
77 85.5 70.4 110.4

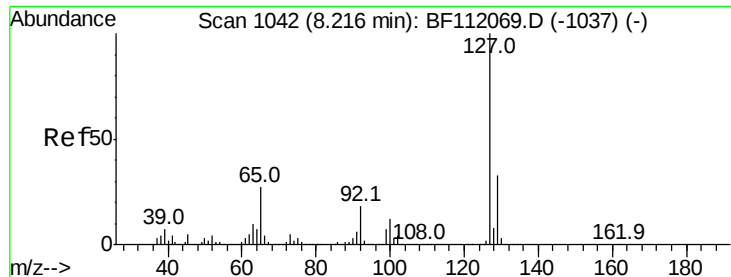


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





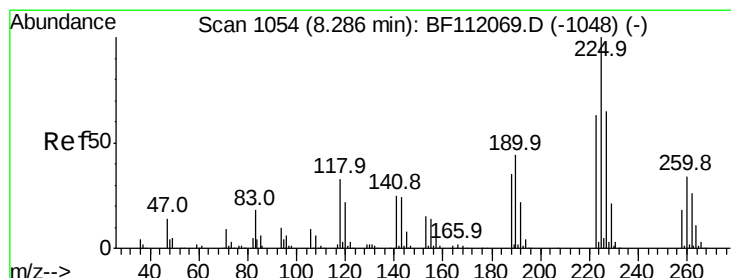
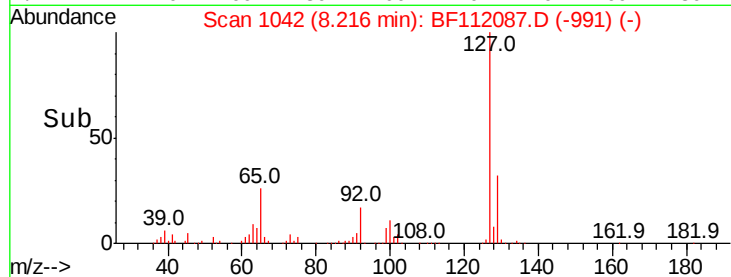
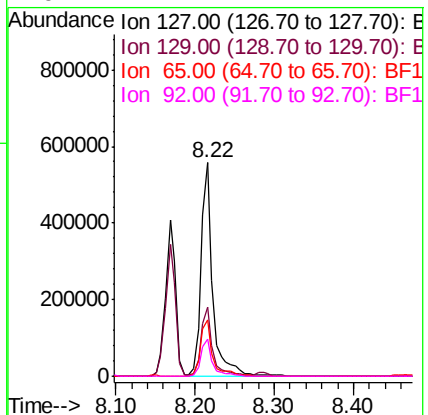
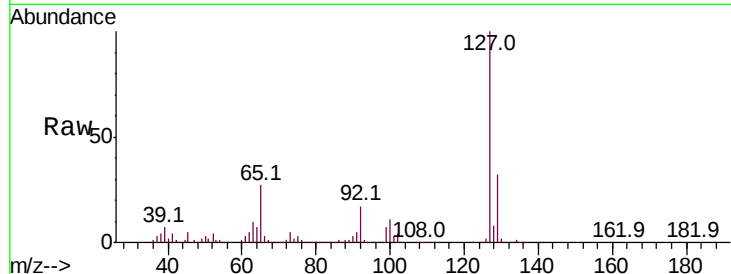
#33
4-Chloroaniline
Concen: 22.557 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	39.8		
65	26.6	21.4	32.2		
92	17.4	14.2	21.2		

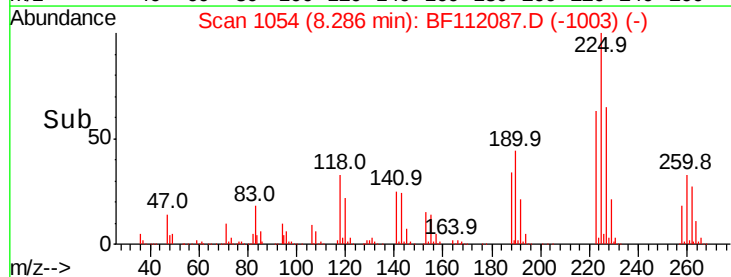
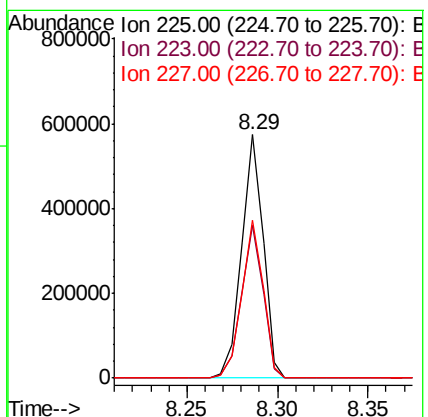
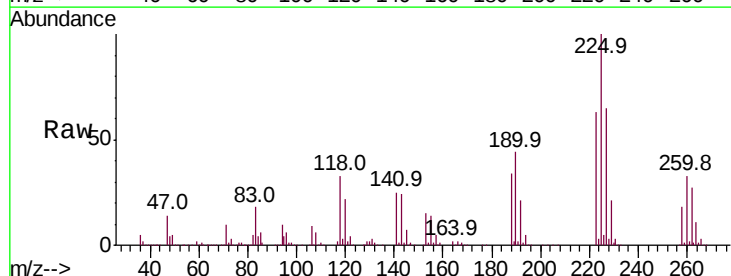
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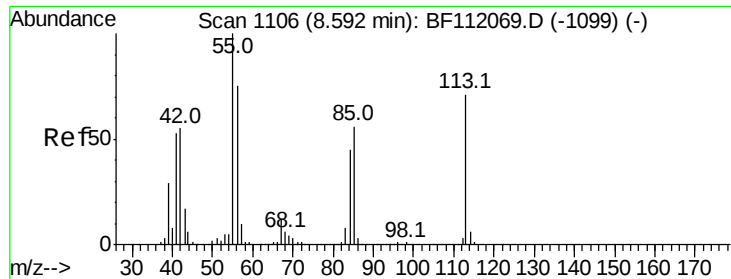
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#34
Hexachlorobutadiene
Concen: 40.970 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.3	75.5		
227	64.8	51.8	77.8		





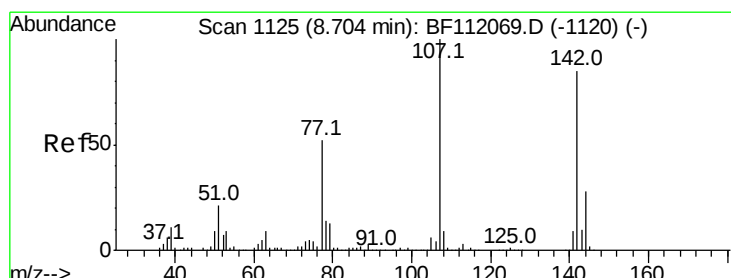
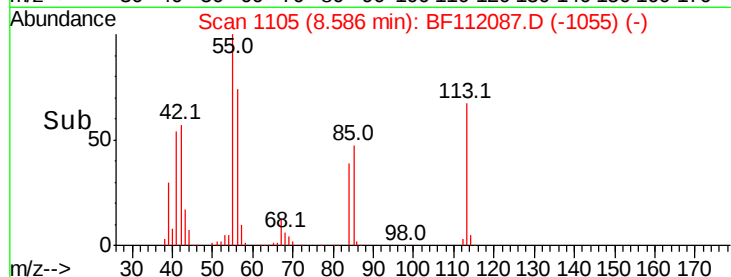
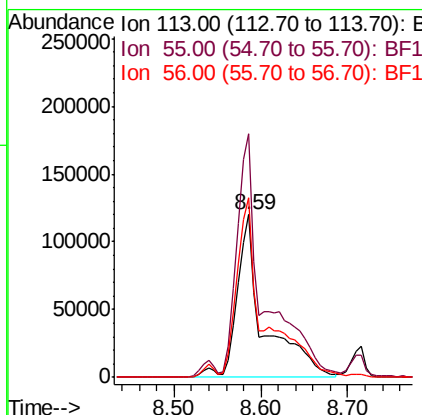
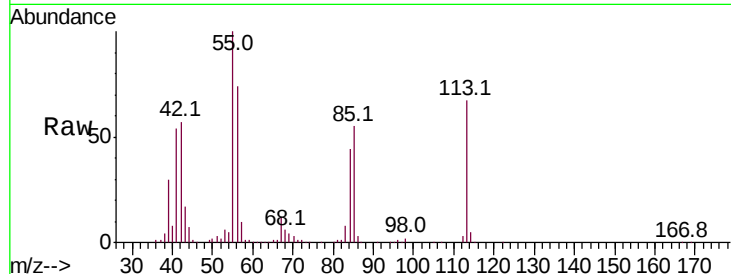
#35
 Caprolactam
 Concen: 41.316 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.8	121.6	161.6
56	110.7	86.7	126.7

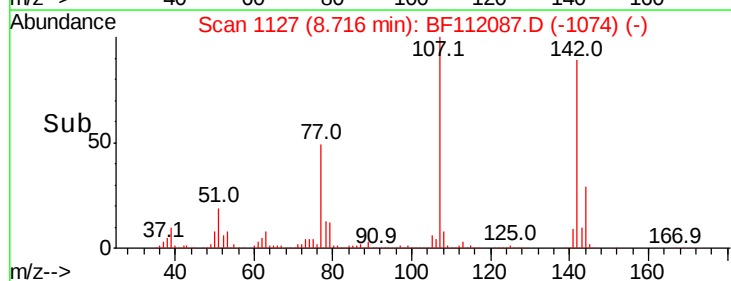
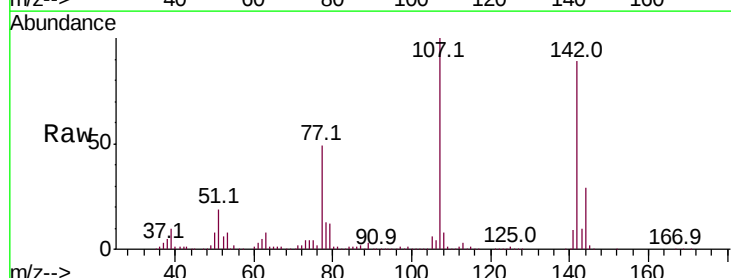
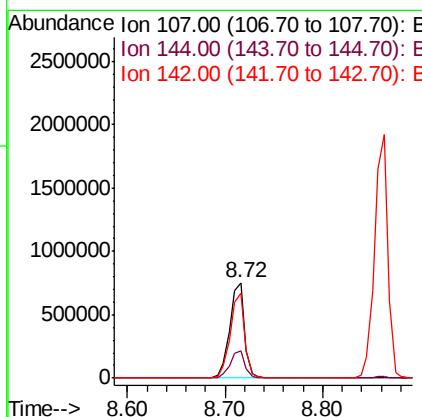
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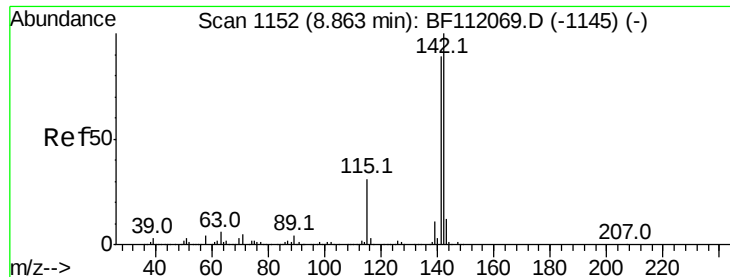
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#36
 4-Chloro-3-methylphenol
 Concen: 45.498 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	22.2	33.2
142	88.9	67.7	101.5





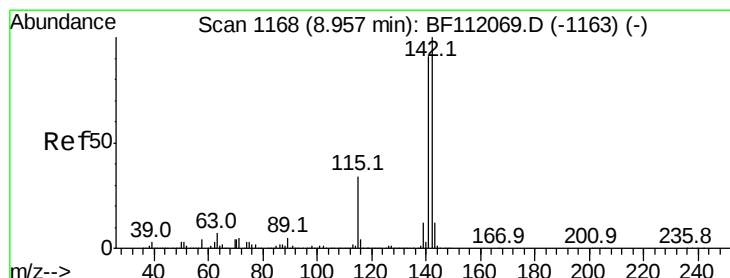
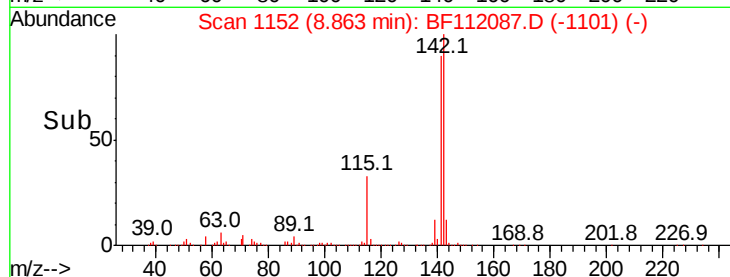
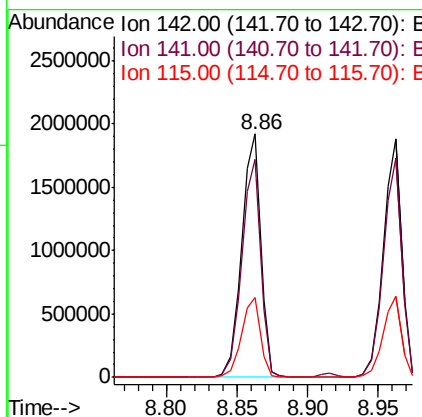
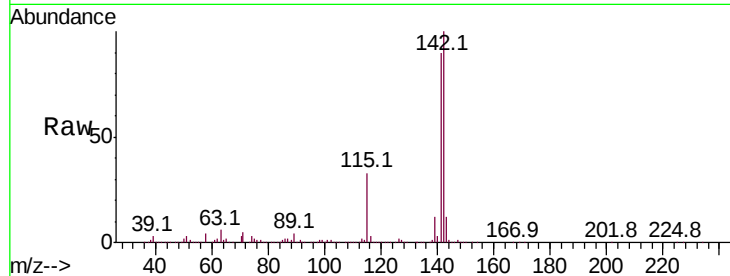
#37
2-Methylnaphthalene
Concen: 46.452 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:142 Resp: 1817854
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 32.5 24.9 37.3

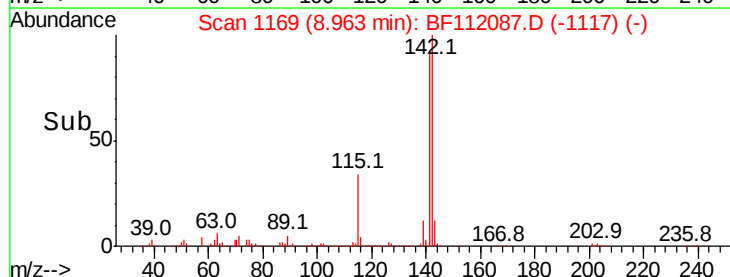
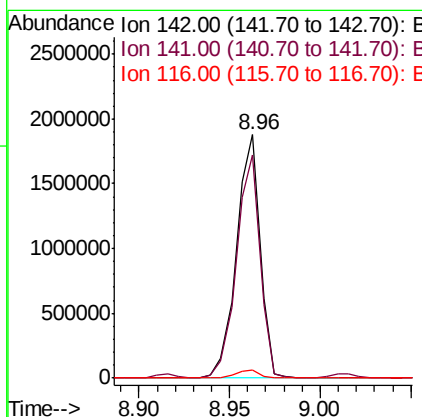
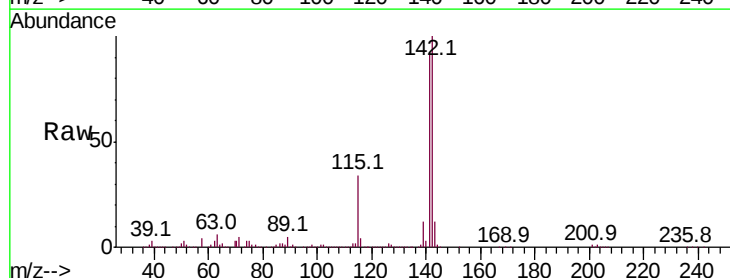
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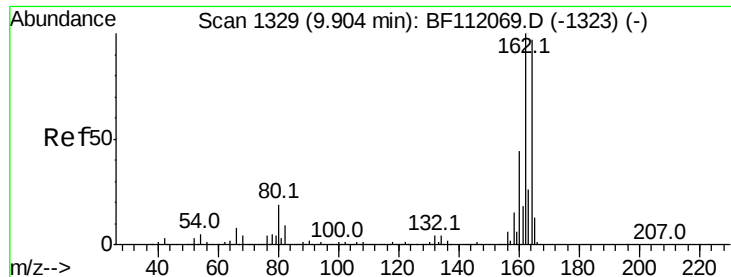
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#38
1-Methylnaphthalene
Concen: 45.018 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:142 Resp: 1693122
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8
116 3.6 2.8 4.2





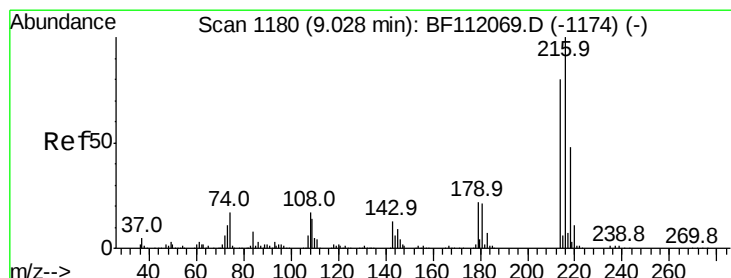
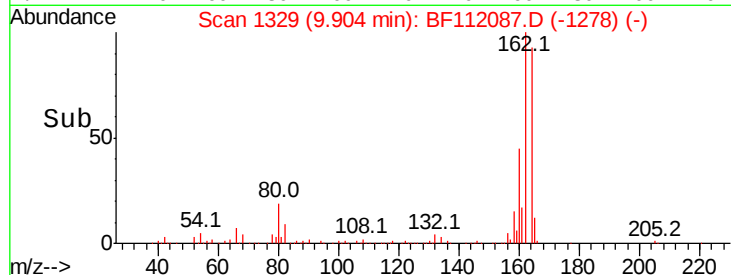
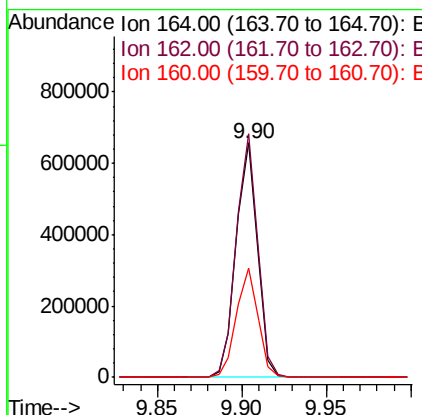
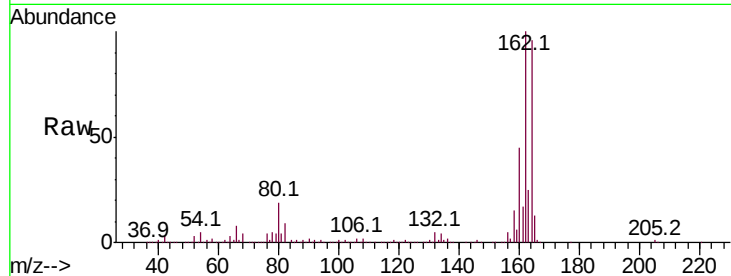
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	46.6	36.2	54.4

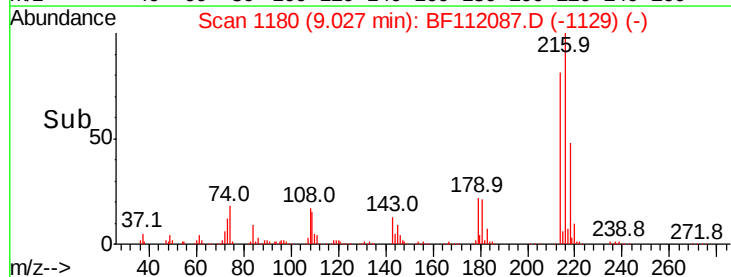
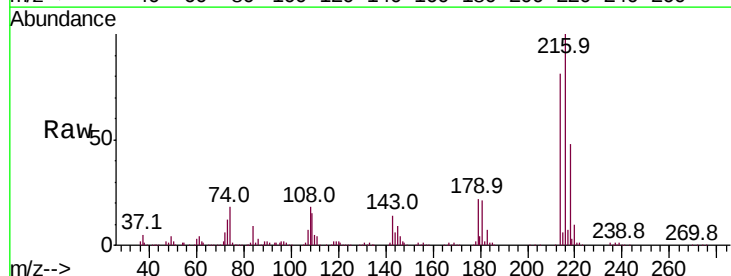
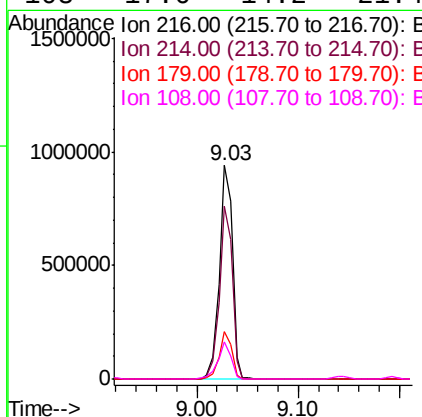
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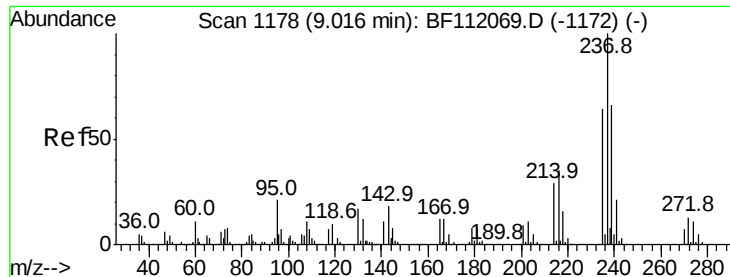
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.326 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.6
179	21.3	16.9	25.3
108	17.6	14.2	21.4





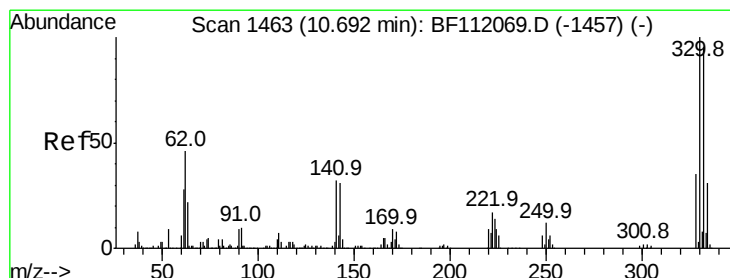
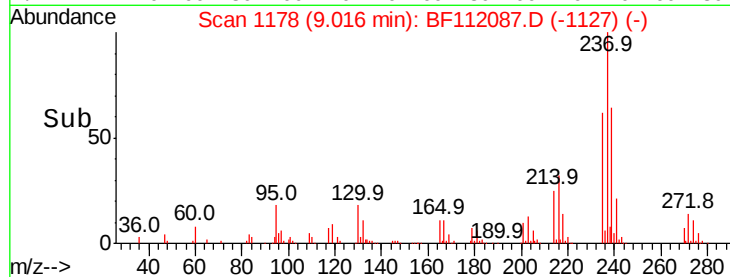
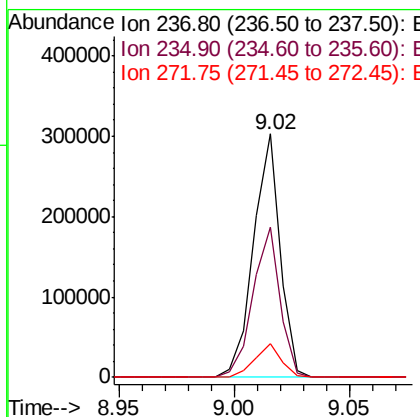
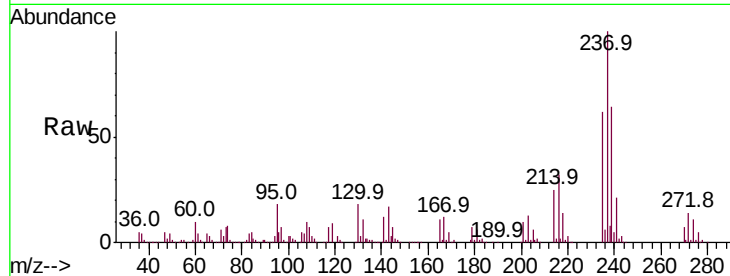
#41
Hexachlorocyclopentadiene
Concen: 37.834 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	44.0	84.0
272	14.0	0.0	33.3

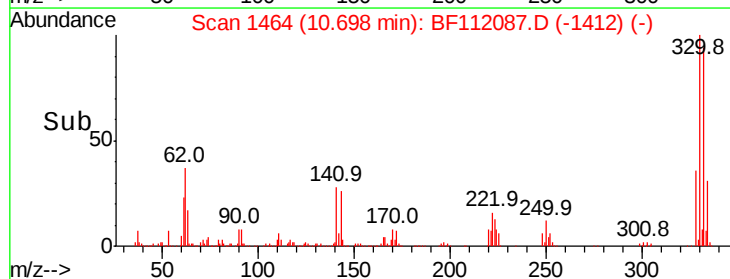
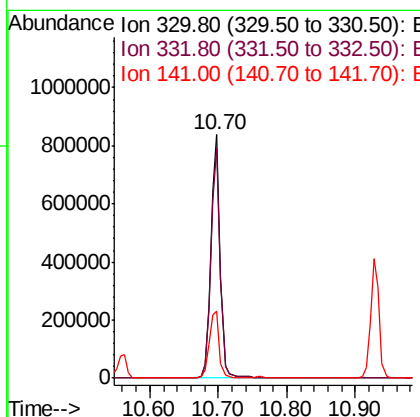
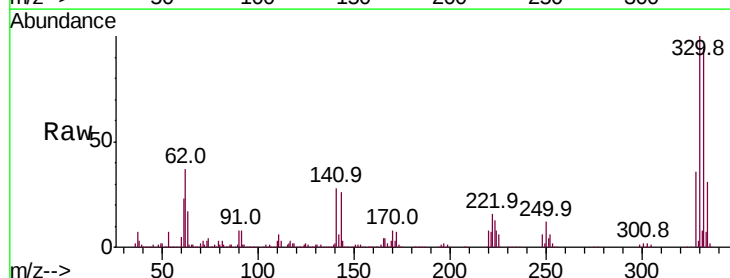
Manual Integrations
APPROVED

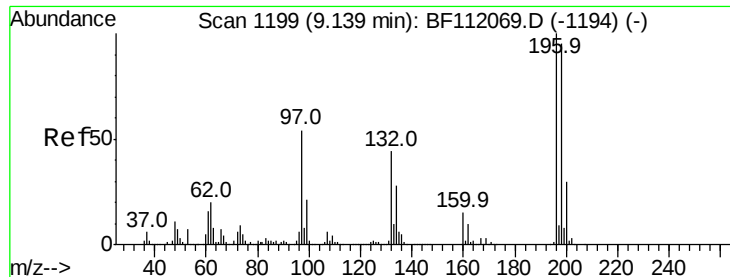
Sohil
1/18/2019 11:45:43 AM



#42
2,4,6-Tribromophenol
Concen: 127.523 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.6	114.8
141	29.9	24.3	36.5





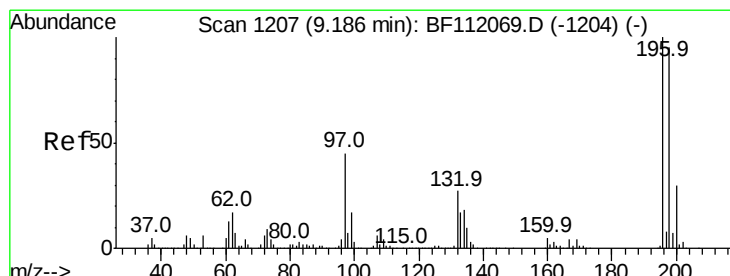
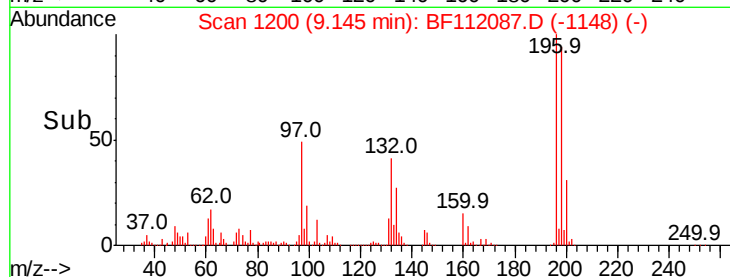
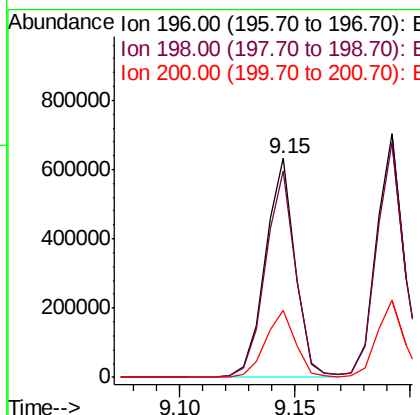
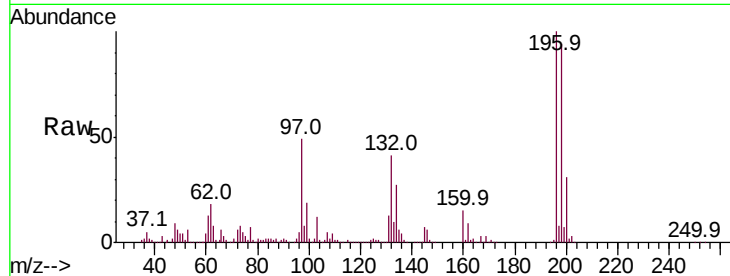
#43
 2,4,6-Trichlorophenol
 Concen: 51.265 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	567858		
198	94.4	76.2	114.4	
200	30.7	24.3	36.5	

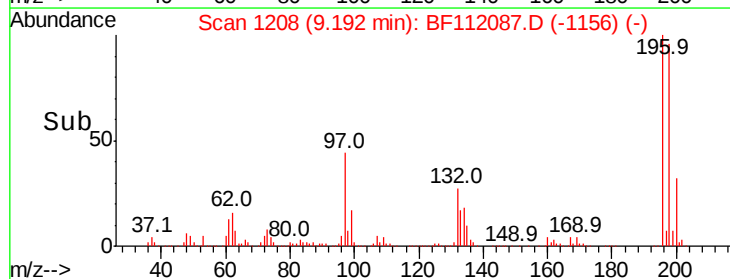
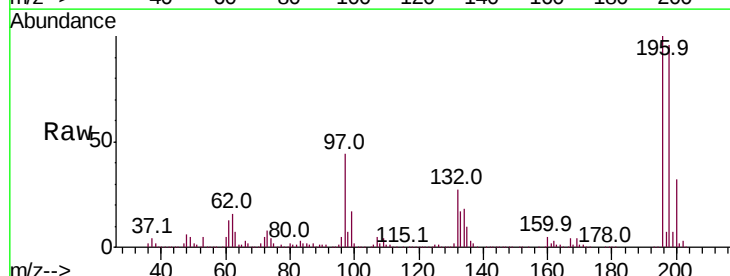
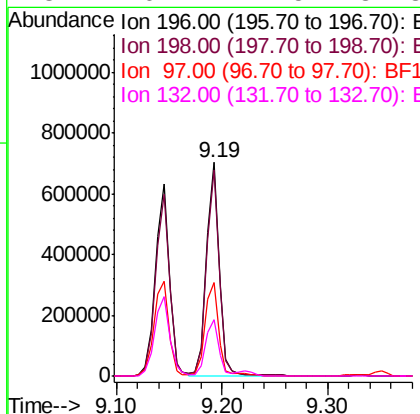
Manual Integrations
 APPROVED

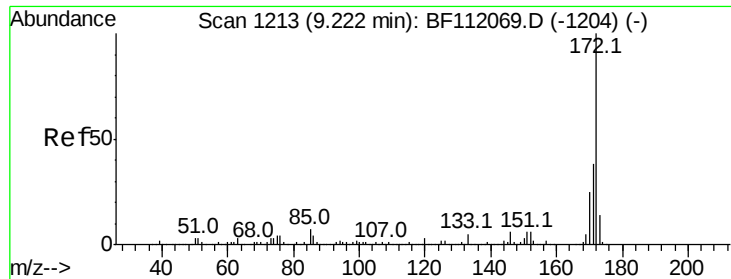
Sohil
 1/18/2019 11:45:43 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.105 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	591118		
198	96.4	76.0	114.0	
97	44.0	36.4	54.6	
132	26.7	21.5	32.3	





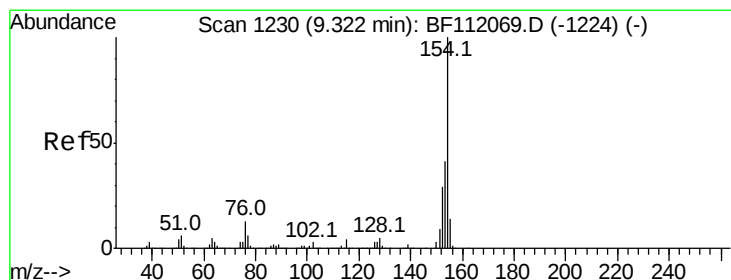
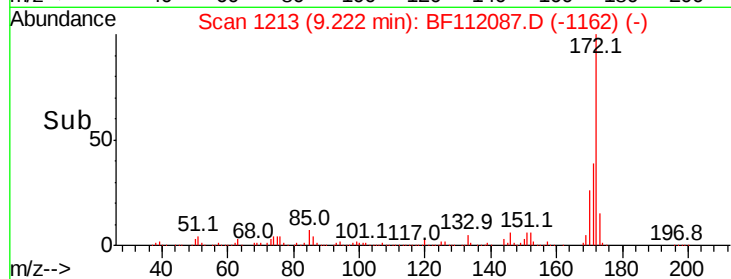
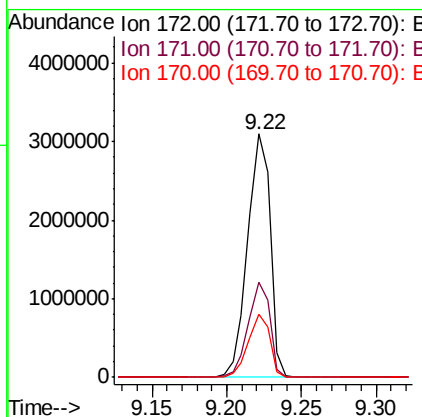
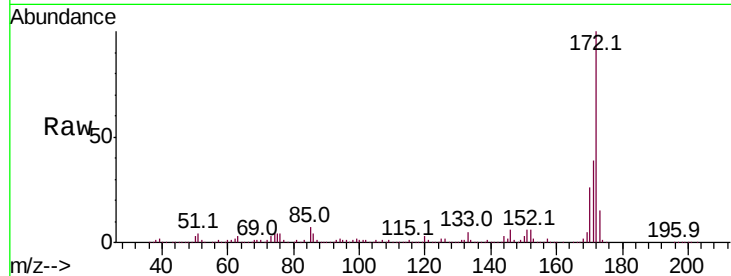
#45
2-Fluorobiphenyl
Concen: 82.438 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.5	45.7
170	26.1	20.2	30.4

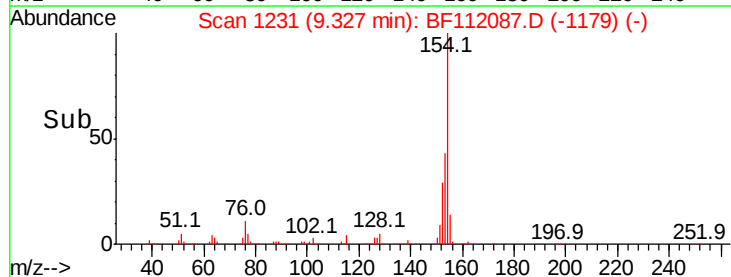
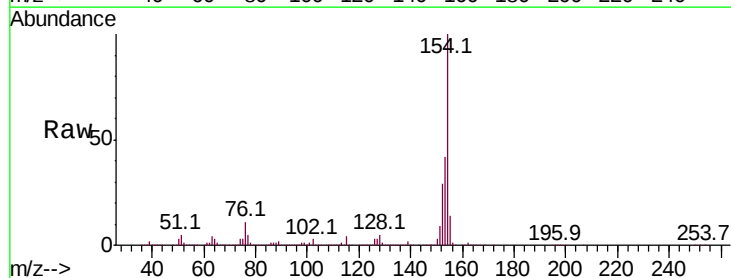
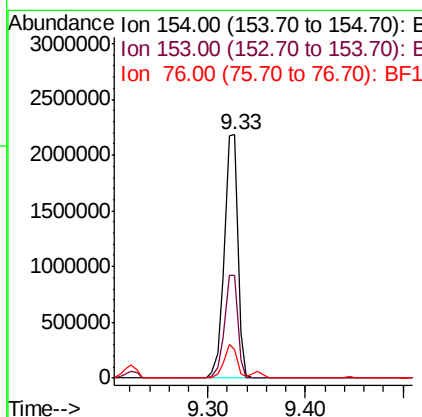
Manual Integrations
APPROVED

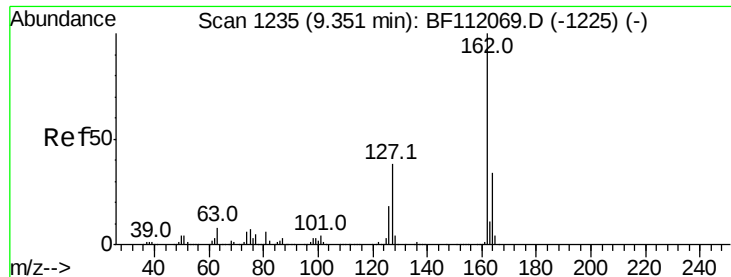
Sohil
1/18/2019 11:45:43 AM



#46
1,1'-Biphenyl
Concen: 43.859 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.5	61.5
76	11.5	0.0	33.1





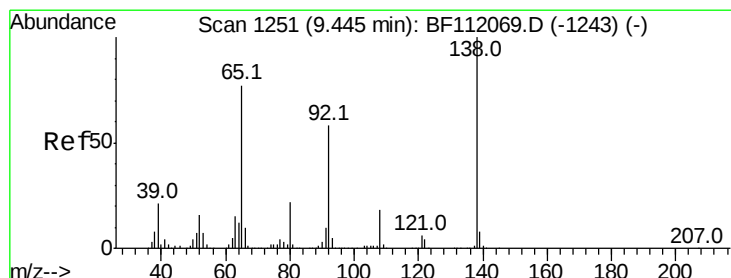
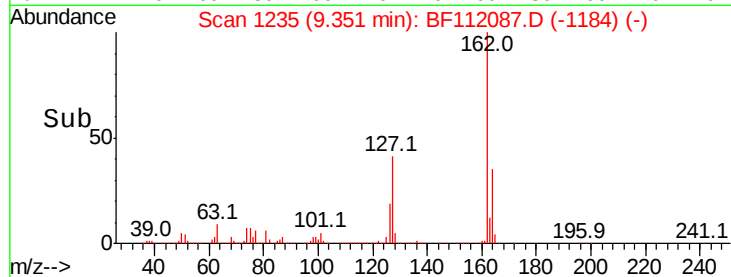
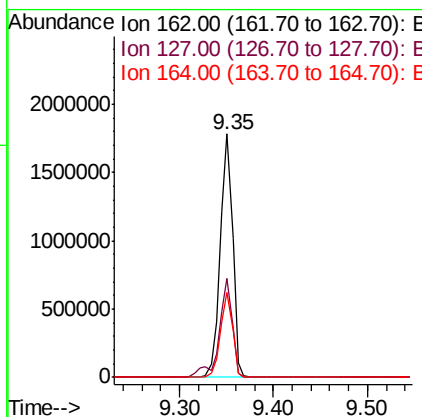
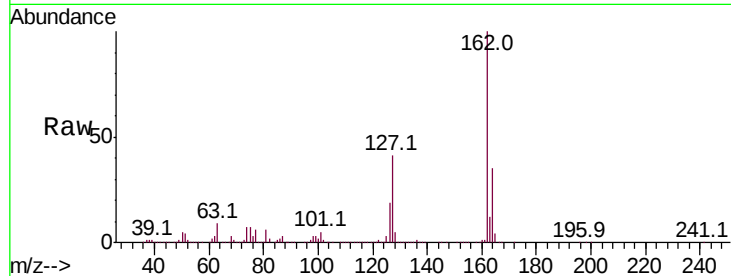
#47
2-Chloronaphthalene
Concen: 43.789 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.4	45.6
164	34.8	27.4	41.2

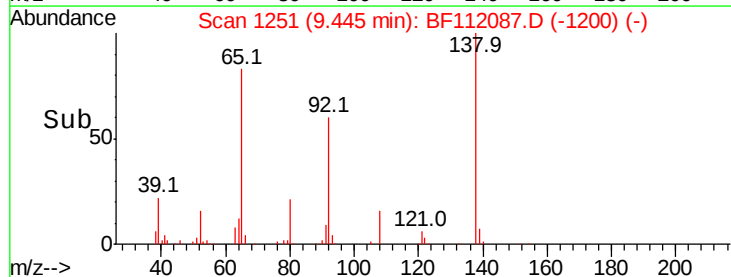
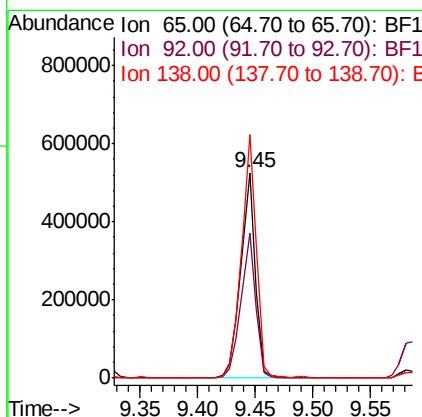
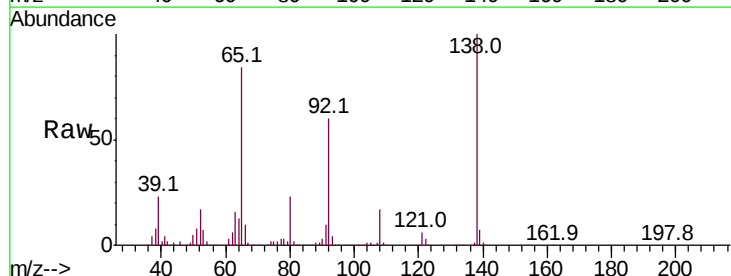
Manual Integrations
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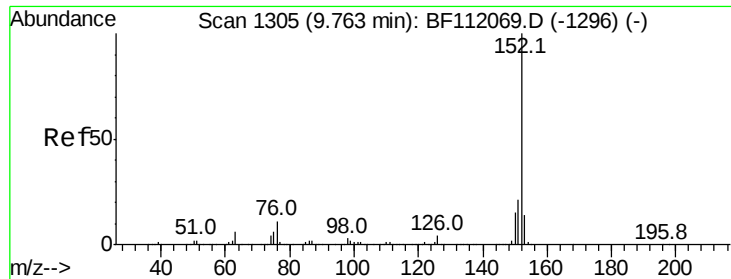
Sohil
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#48
2-Nitroaniline
Concen: 55.348 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	60.4	90.6
138	118.6	104.4	156.6





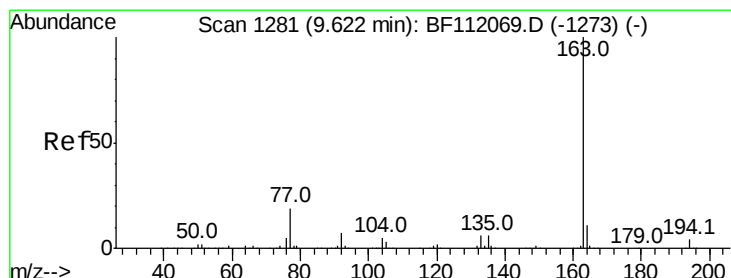
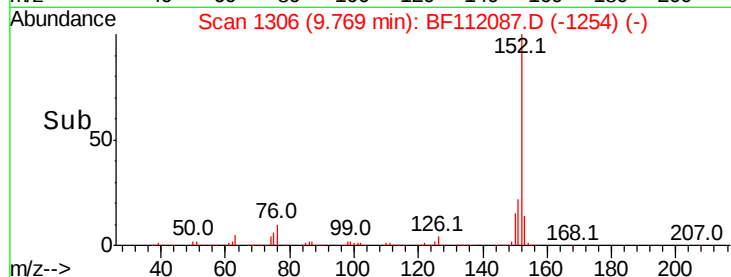
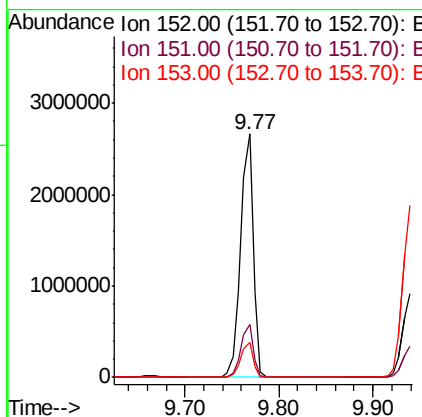
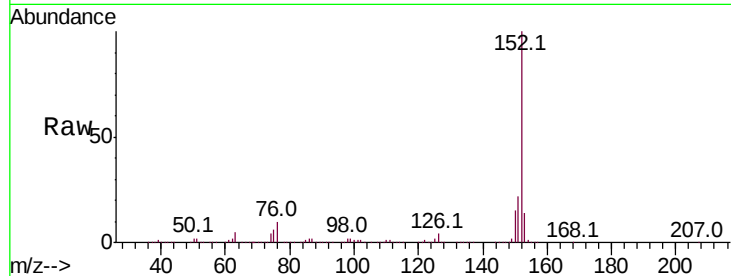
#49
Acenaphthylene
Concen: 45.625 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:152 Resp: 2512866
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6
153 14.2 11.2 16.8

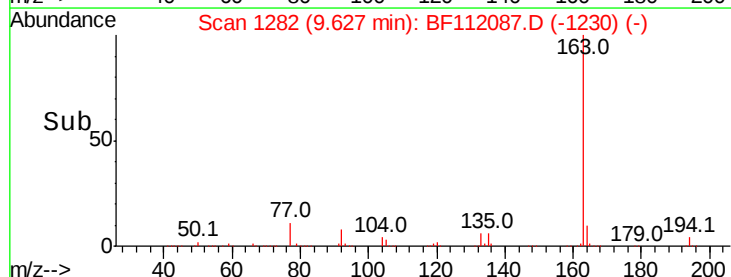
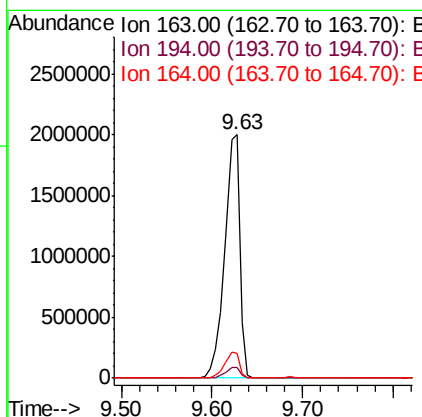
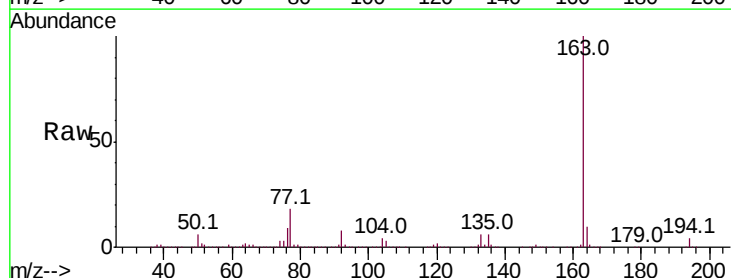
Manual Integrations
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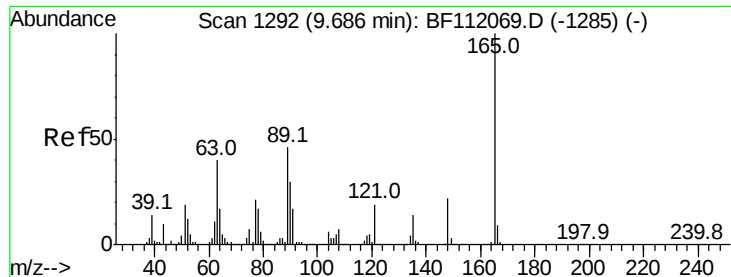
Sohil
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#50
Dimethylphthalate
Concen: 54.475 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:163 Resp: 2290814
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.5 12.7





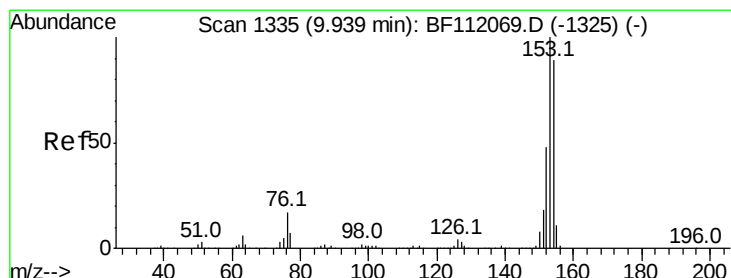
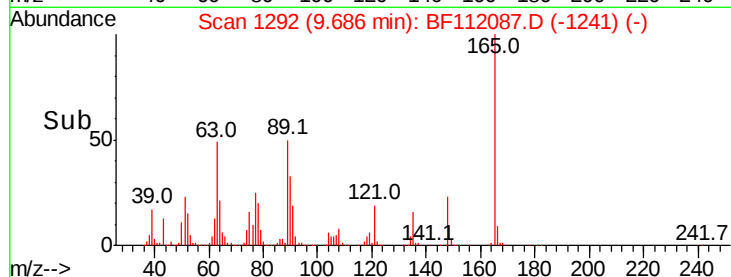
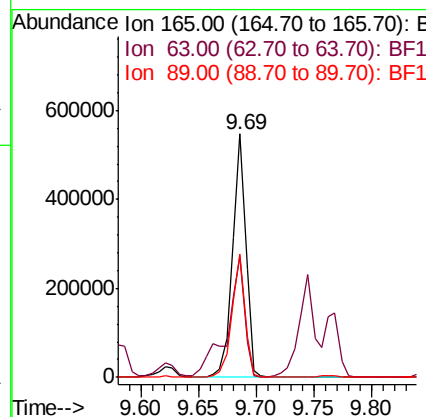
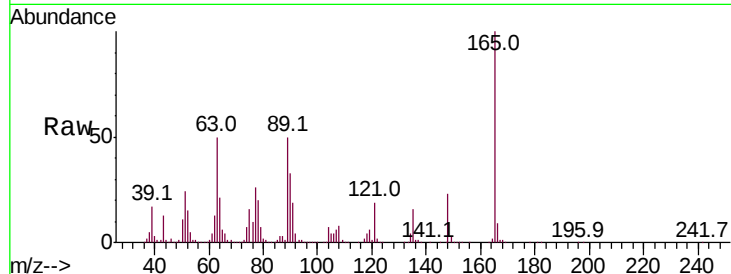
#51
2,6-Dinitrotoluene
Concen: 52.155 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	33.8	50.8	
89	50.5	36.9	55.3	

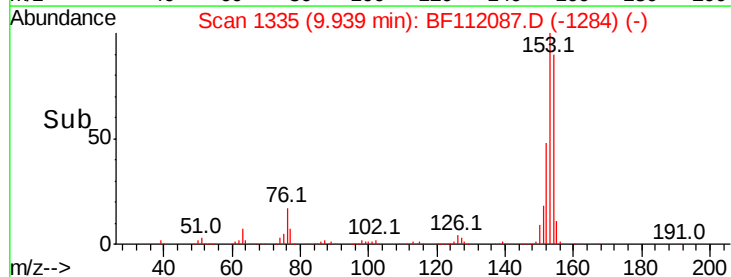
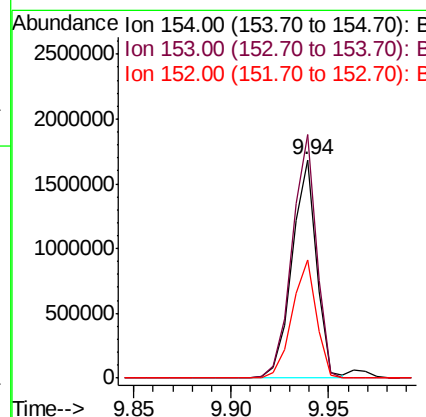
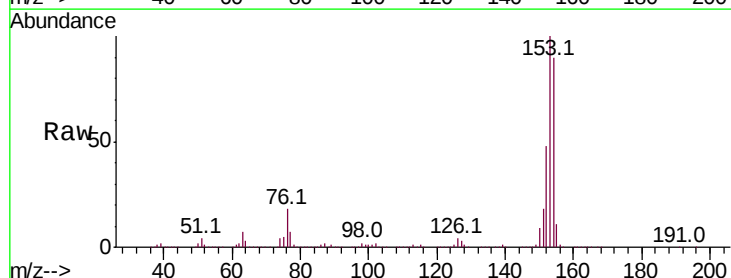
Manual Integrations
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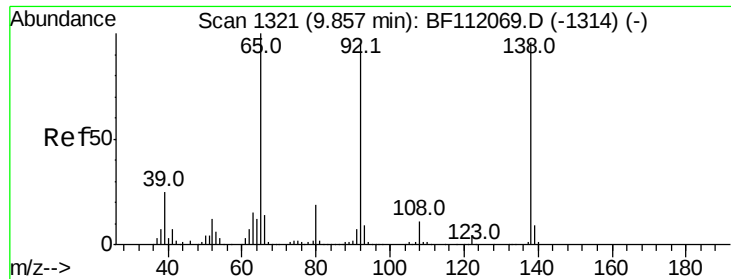
Sohil
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#52
Acenaphthene
Concen: 43.440 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.5	89.8	134.6	
152	54.0	43.5	65.3	





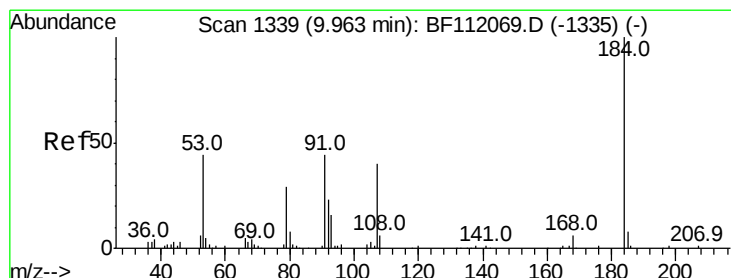
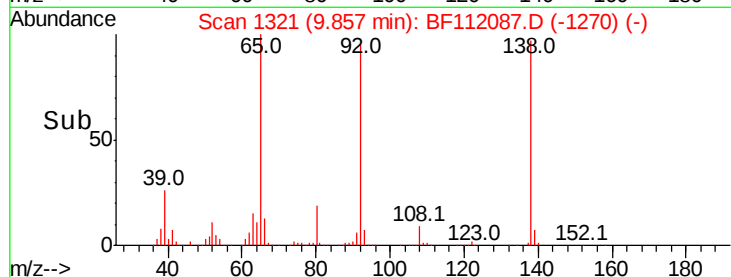
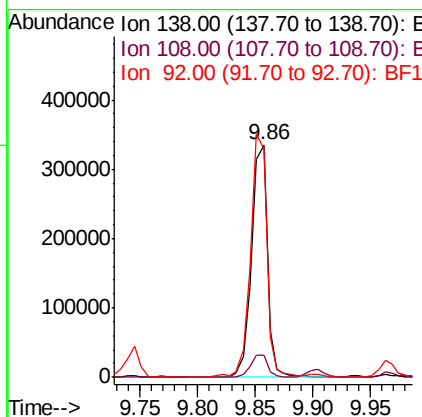
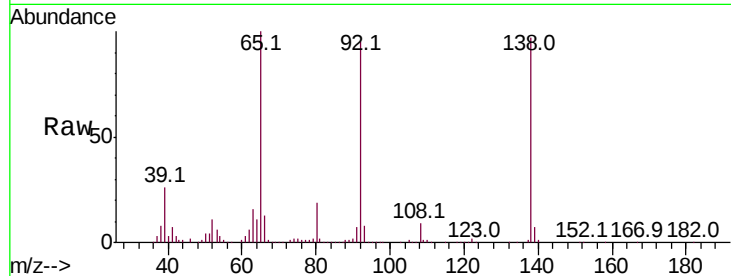
#53
3-Nitroaniline
Concen: 34.323 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.8	14.6#
92	98.3	79.4	119.2

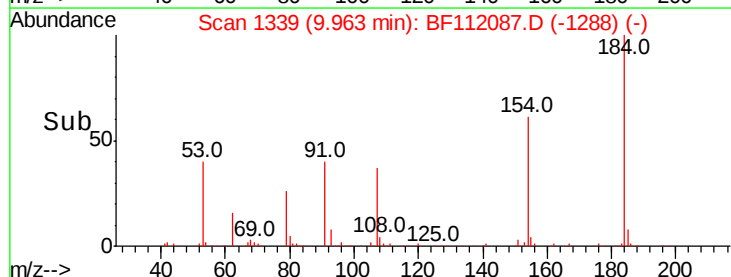
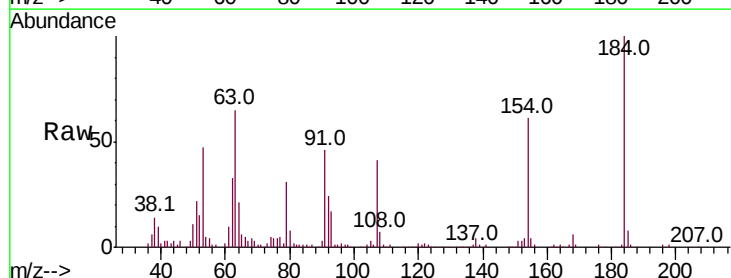
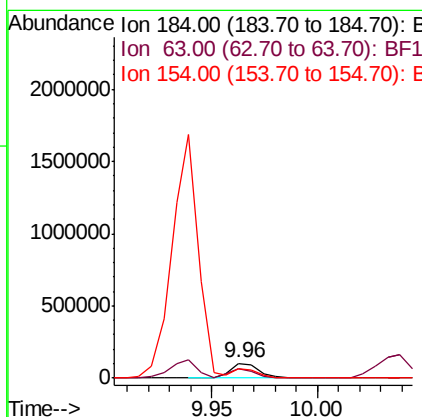
Manual Integrations
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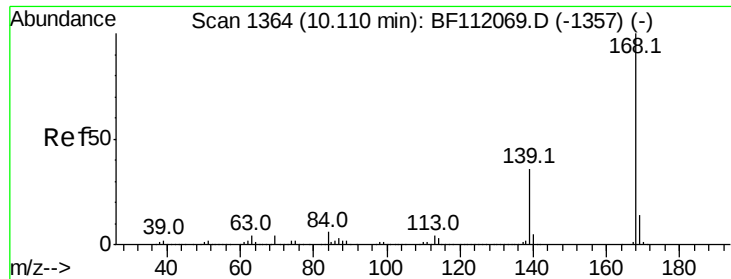
Sohil
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#54
2,4-Dinitrophenol
Concen: 49.240 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	47.1	70.7
154	61.1	48.9	73.3





#55

Dibenzofuran

Concen: 42.758 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:168 Resp: 2179000

Ion Ratio Lower Upper

168 100

139 39.0 29.2 43.8

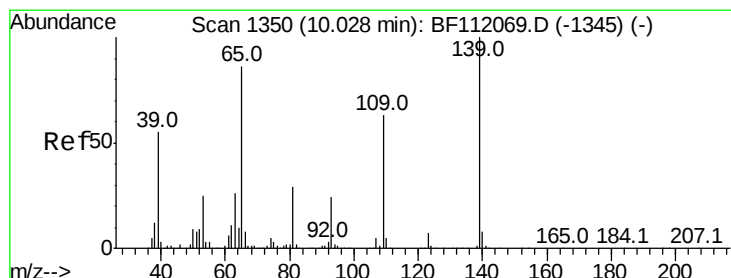
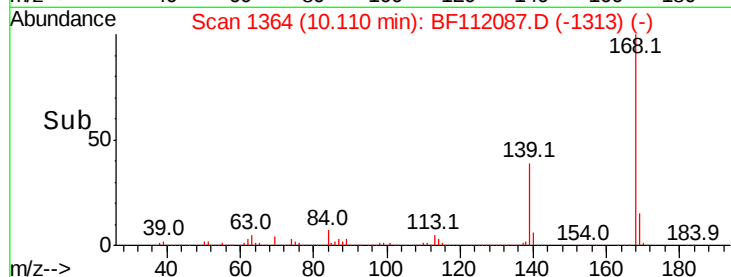
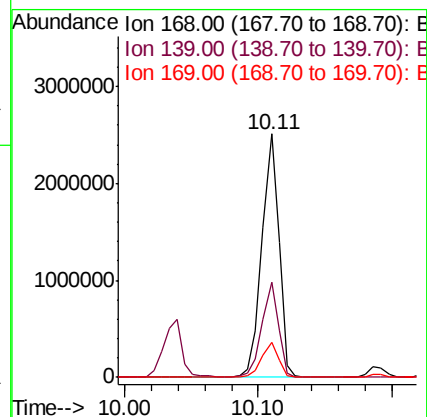
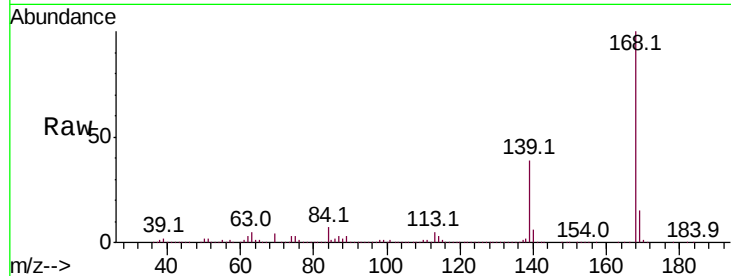
169 14.5 11.4 17.0

Manual Integrations

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Sohil

1/18/2019 11:45:43 AM



#56

4-Nitrophenol

Concen: 86.930 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

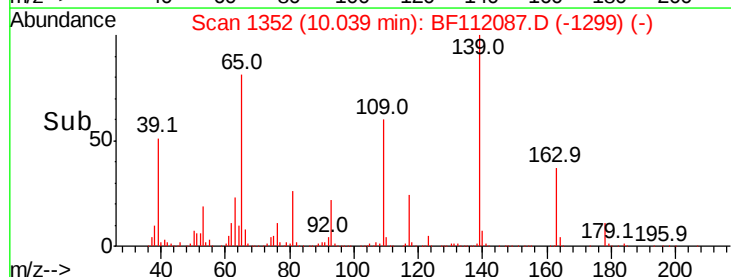
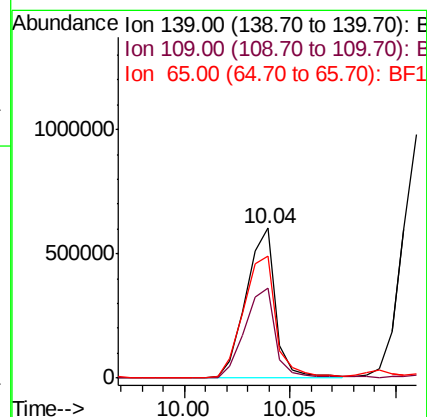
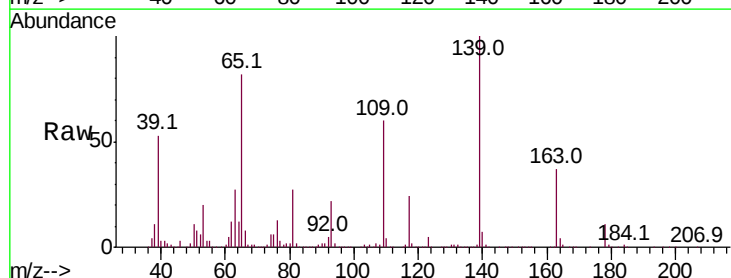
Tgt Ion:139 Resp: 587020

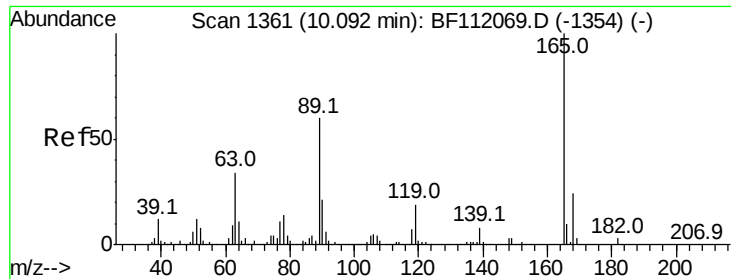
Ion Ratio Lower Upper

139 100

109 59.9 42.8 82.8

65 81.8 66.1 106.1





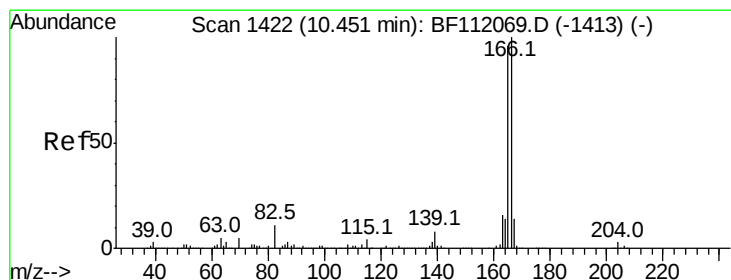
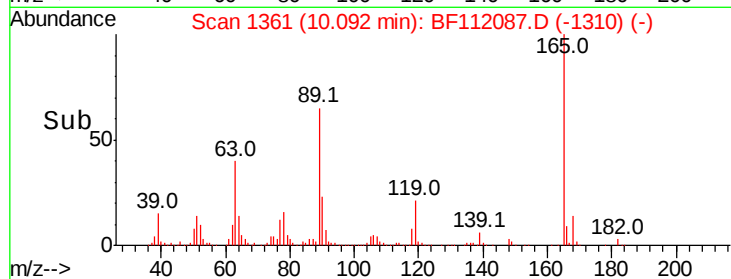
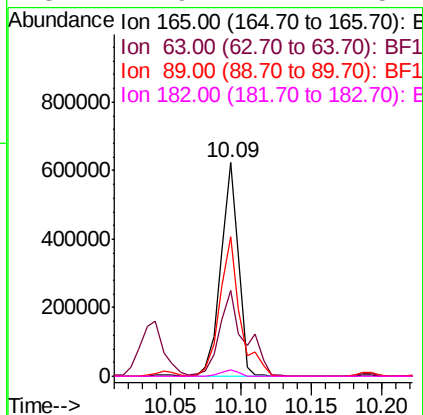
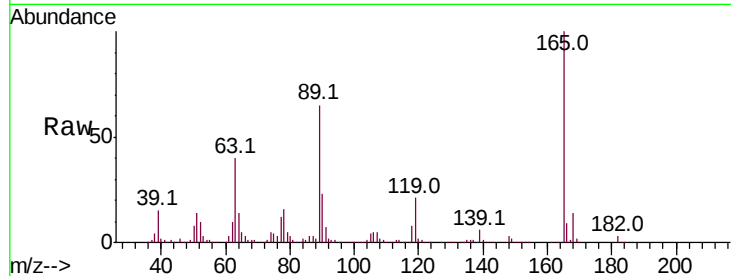
#57
 2,4-Dinitrotoluene
 Concen: 49.504 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	27.9	41.9	
89	65.1	47.9	71.9	
182	2.9	2.2	3.4	

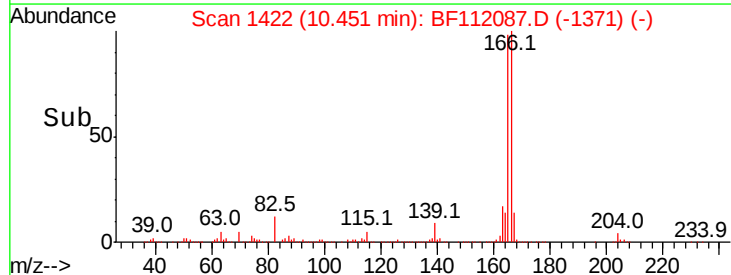
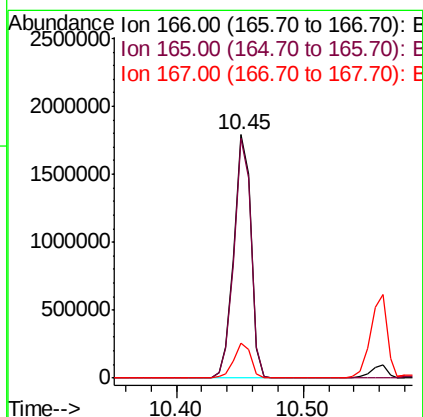
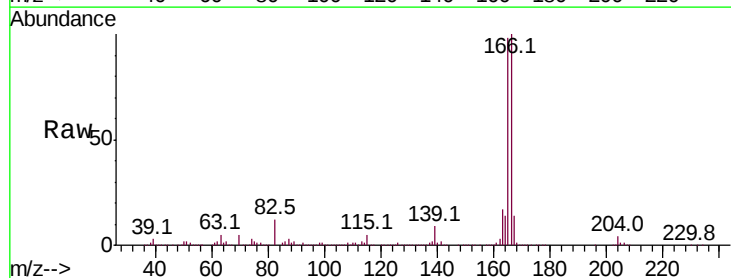
Manual Integrations
 APPROVED

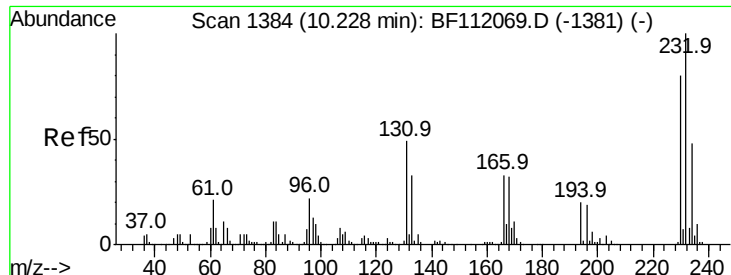
Sohil
 1/18/2019 11:45:43 AM



#58
 Fluorene
 Concen: 43.438 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.1	115.7	
167	14.2	11.3	16.9	





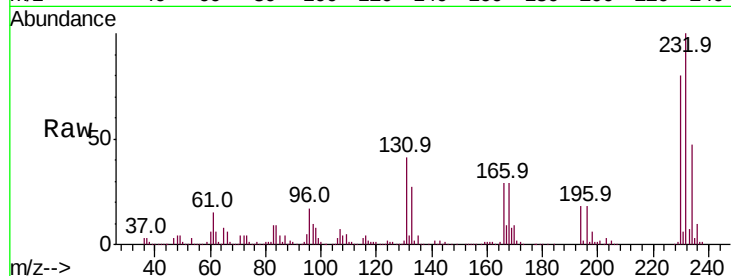
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.135 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

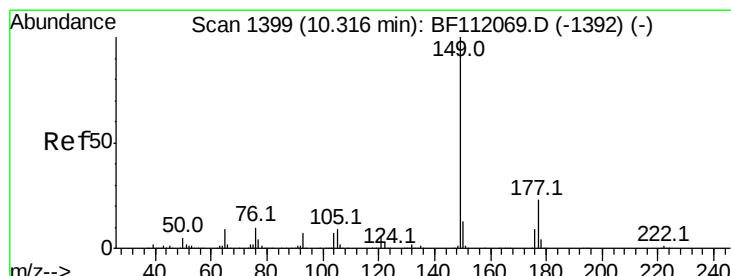
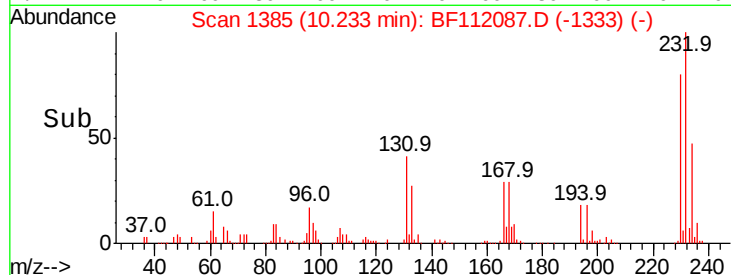
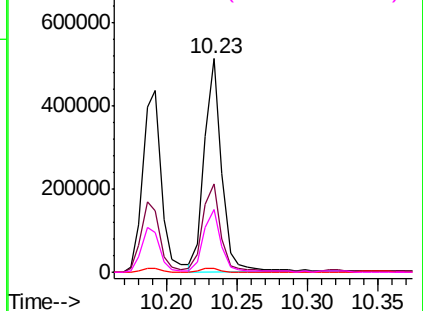
Tot Ion:	232	Resp:	437426
Ion Ratio	Lower	Upper	
232	100		
131	43.3	33.9	50.9
130	2.4	1.8	2.6
166	29.4	23.6	35.4

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 1/18/2019 11:45:43 AM

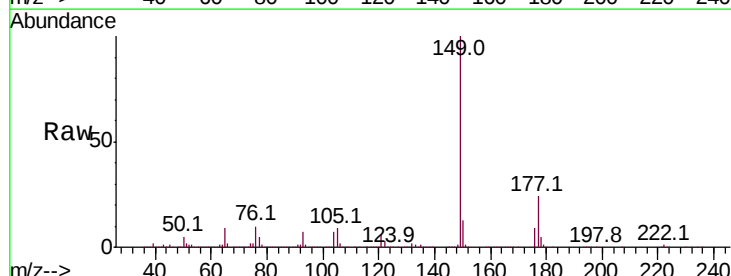


Abundance Ion 232.00 (231.70 to 232.70): E
 800000
 Ion 131.00 (130.70 to 131.70): E
 600000
 Ion 130.00 (129.70 to 130.70): E
 400000
 Ion 166.00 (165.70 to 166.70): E
 200000
 0

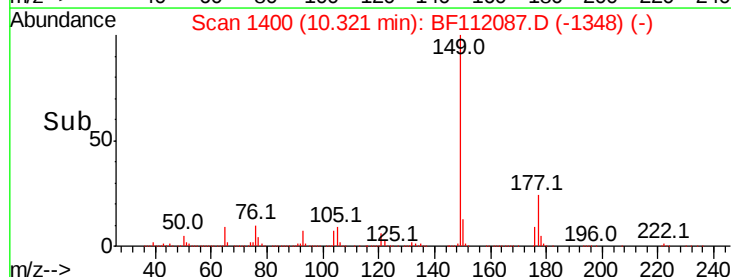
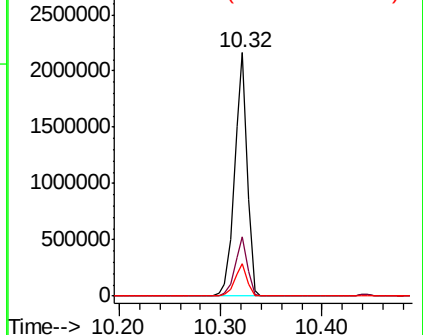


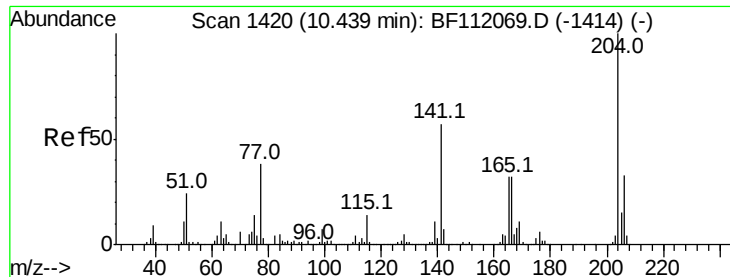
#60
 Diethylphthalate
 Concen: 45.071 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:	149	Resp:	1850101
Ion Ratio	Lower	Upper	
149	100		
177	24.2	18.2	27.2
150	13.5	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 3000000
 Ion 177.00 (176.70 to 177.70): E
 2500000
 Ion 150.00 (149.70 to 150.70): E
 2000000
 1500000
 1000000
 500000
 0





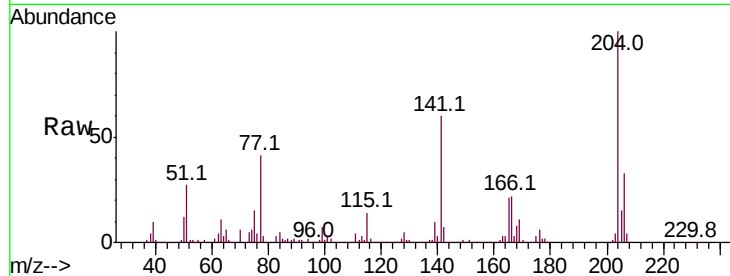
#61
4-Chlorophenyl-phenylether
Concen: 41.634 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

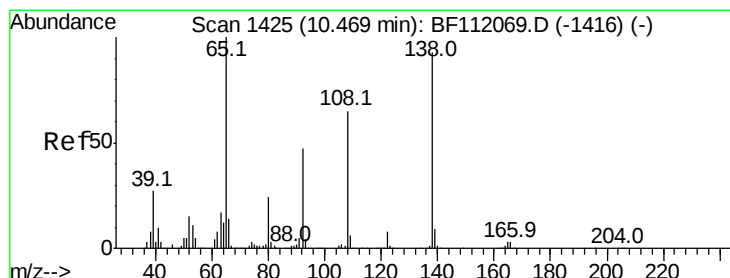
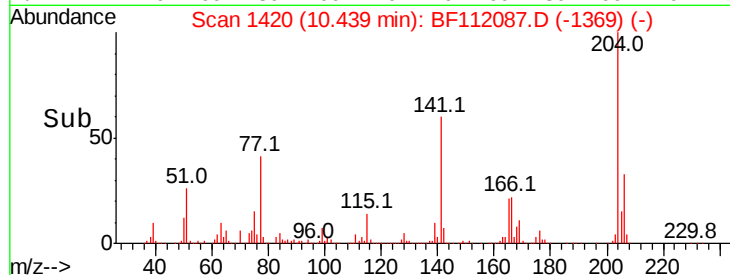
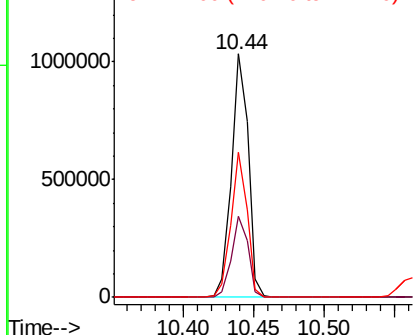
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	59.6	45.9	68.9

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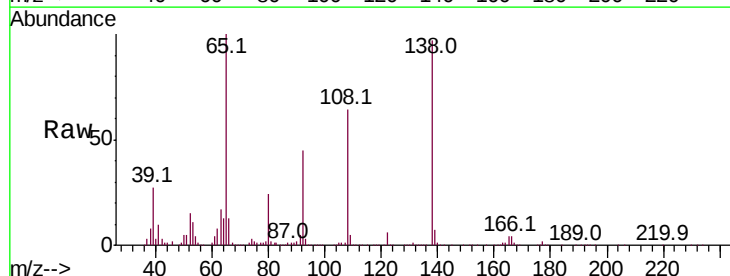


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

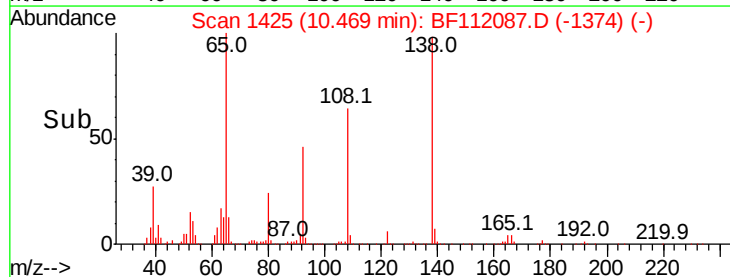
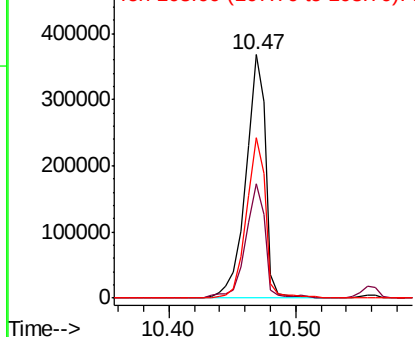


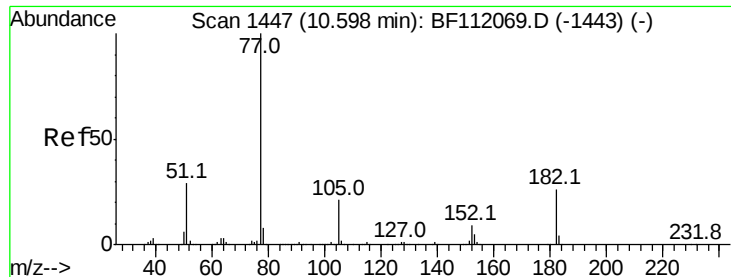
#62
4-Nitroaniline
Concen: 42.584 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	30.6	70.6
108	65.9	50.0	90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





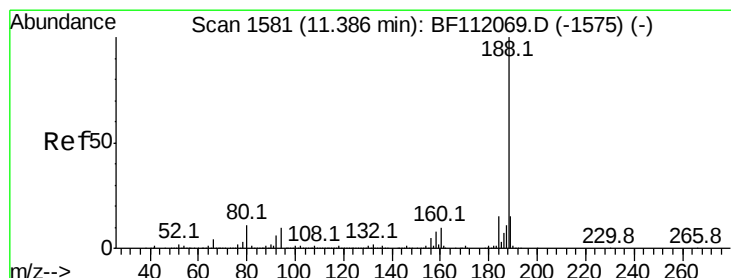
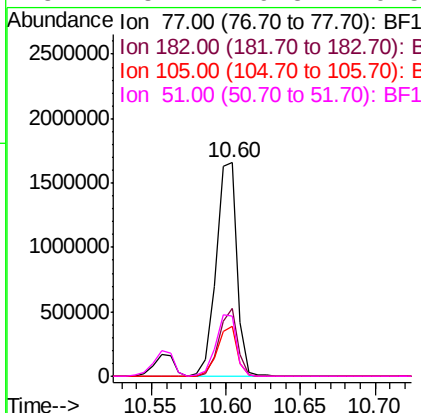
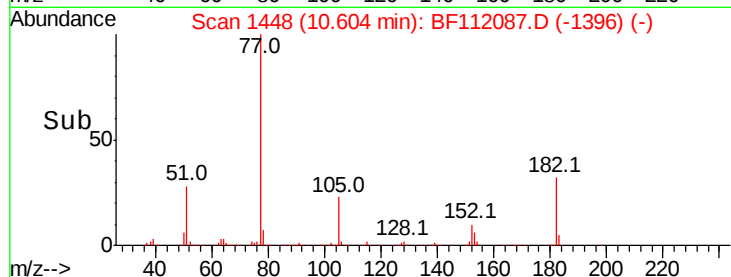
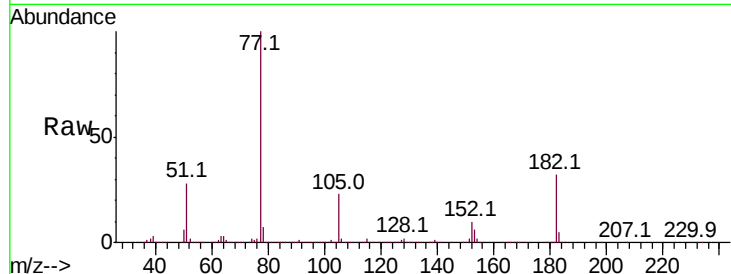
#63
Azobenzene
Concen: 41.231 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion: 77 Resp: 1620778
Ion Ratio Lower Upper
77 100
182 32.0 5.7 45.7
105 23.3 1.4 41.4
51 28.1 9.5 49.5

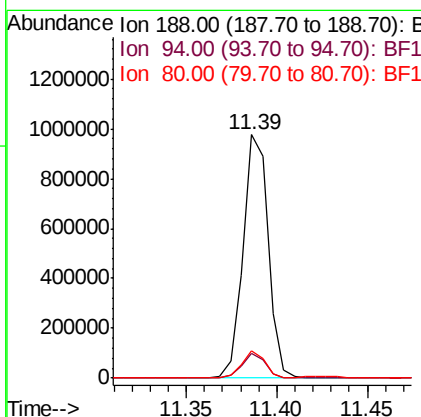
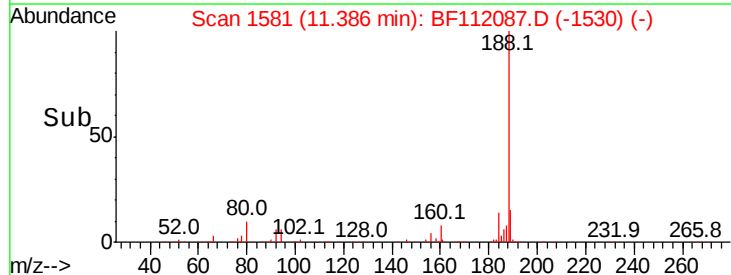
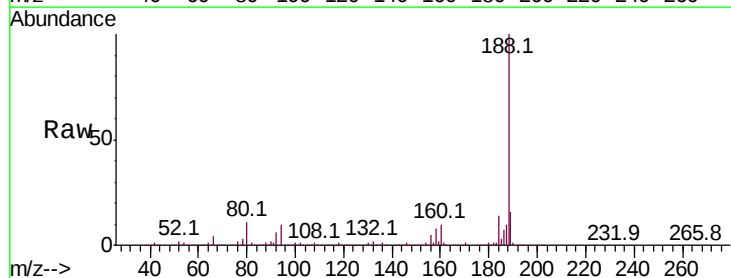
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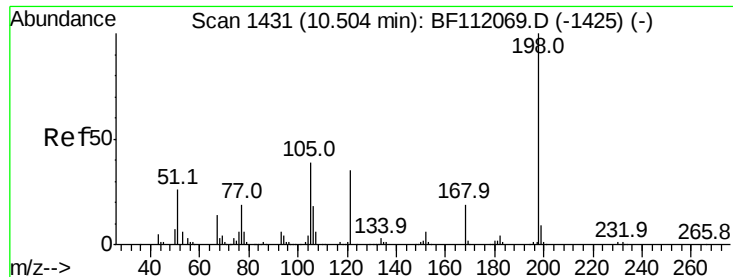
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion: 188 Resp: 938819
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.0 8.9 13.3





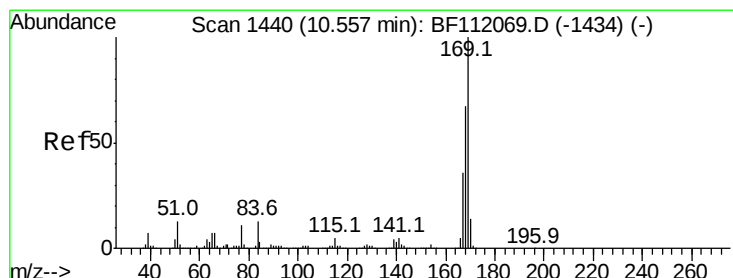
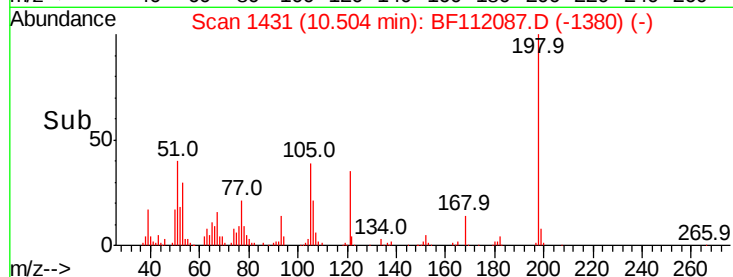
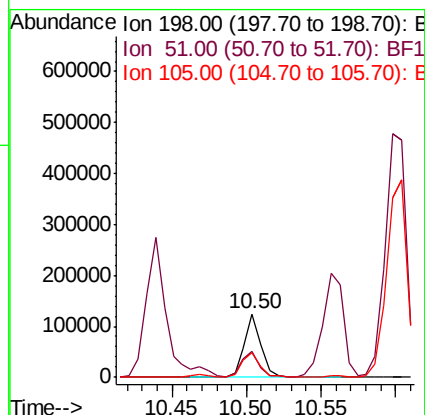
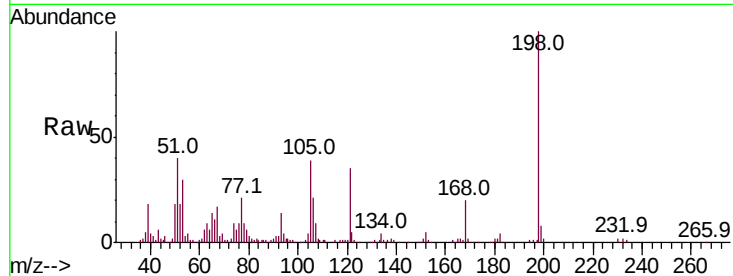
#65
4,6-Dinitro-2-methylphenol
Concen: 29.964 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	17.2	57.2
105	38.8	21.9	61.9

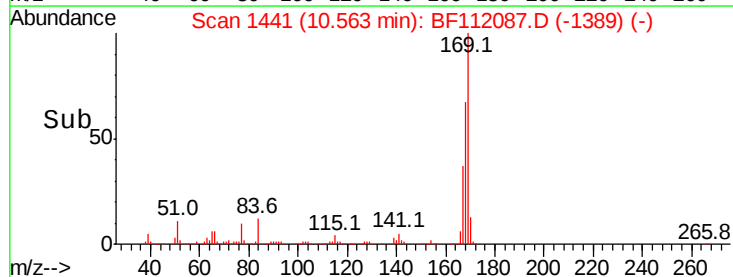
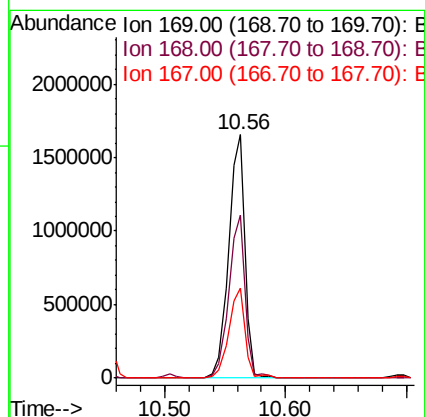
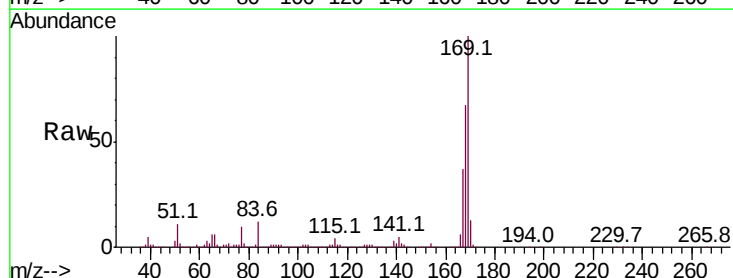
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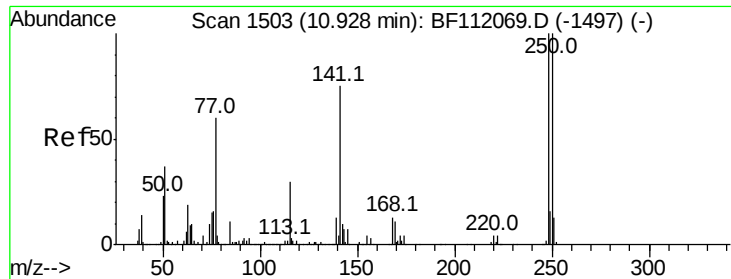
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#66
n-Nitrosodiphenylamine
Concen: 49.499 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.9	80.9
167	37.0	28.9	43.3





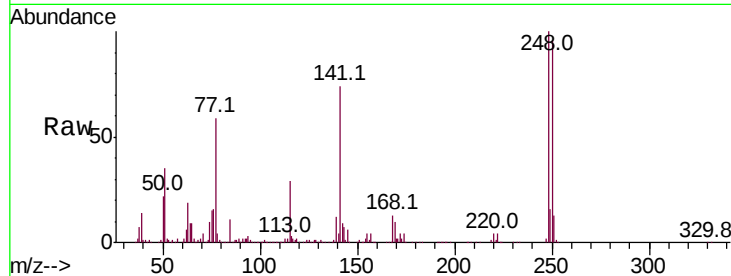
#67
4-Bromophenyl-phenylether
Concen: 47.179 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleID :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.7	119.5
141	74.3	60.3	90.5

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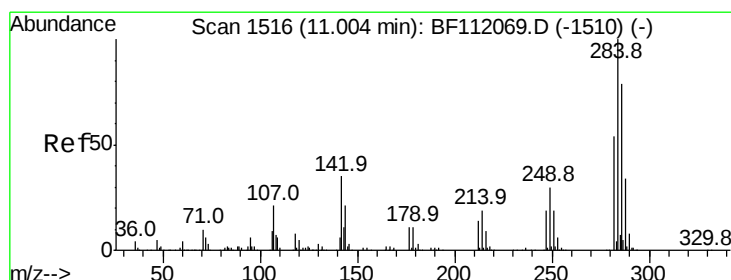
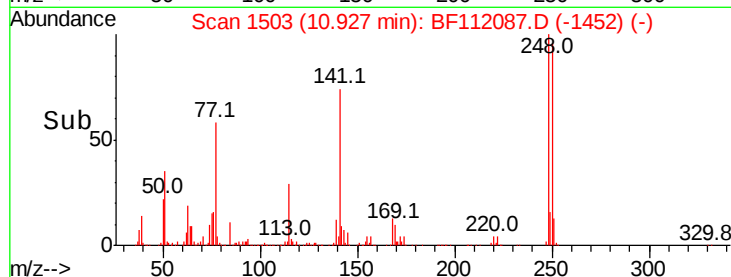
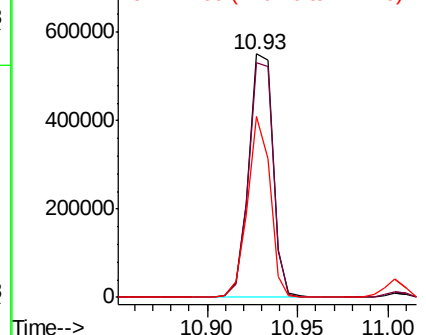


Abundance

Ion 248.00 (247.70 to 248.70): E

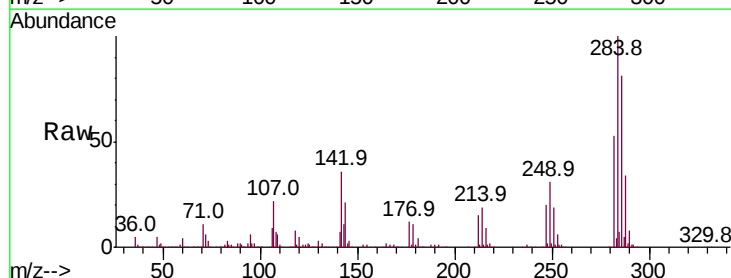
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.312 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	27.6	41.4
249	31.2	24.1	36.1

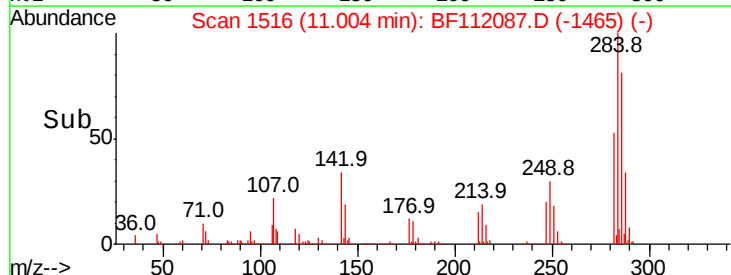
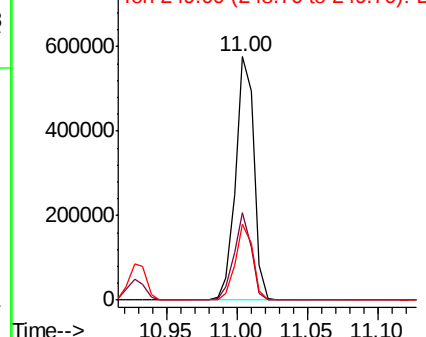


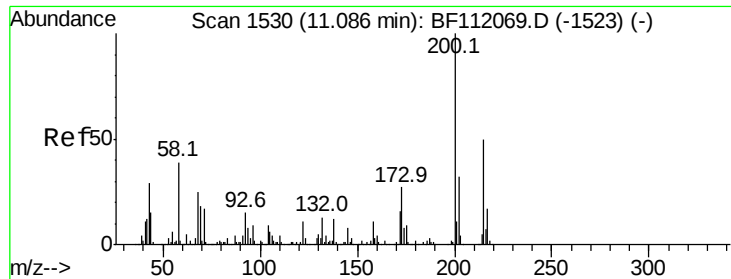
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





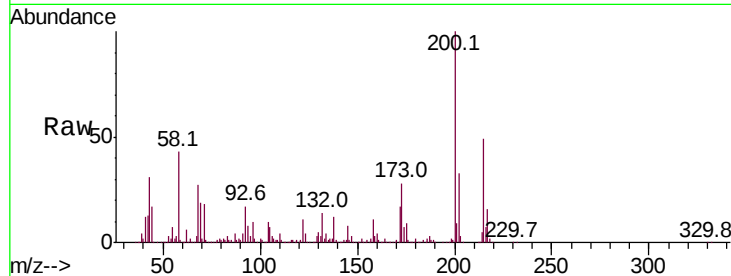
#69
Atrazine
Concen: 48.502 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.1	47.1
215	49.0	30.4	70.4

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1/18/2019 11:45:43 AM

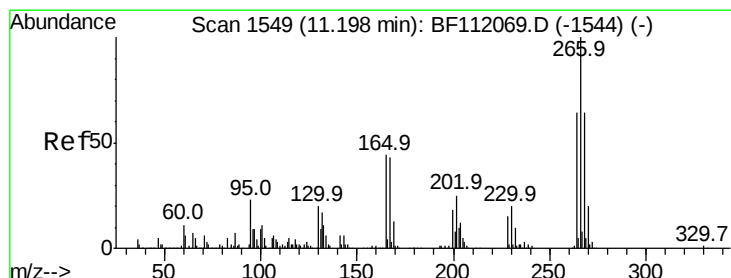
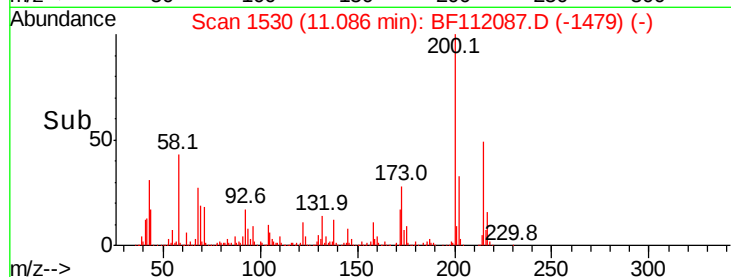
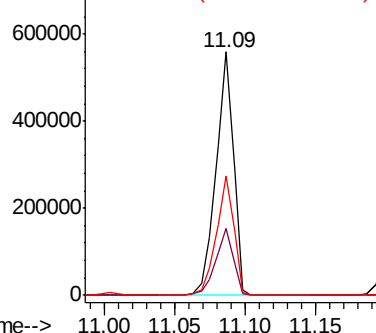


Abundance

Ion 200.00 (199.70 to 200.70): E

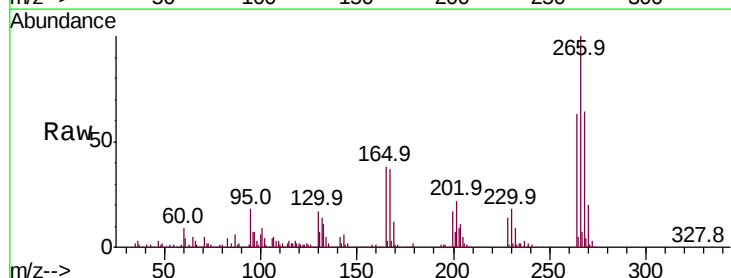
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.598 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	63.0	50.9	76.3

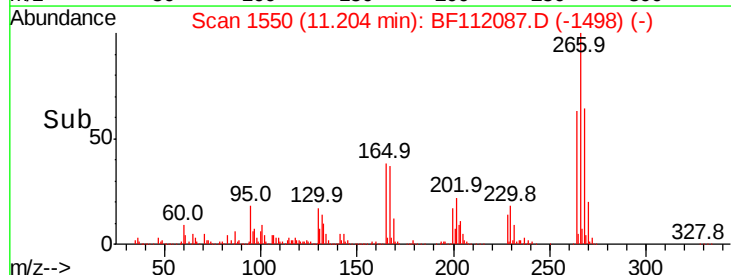
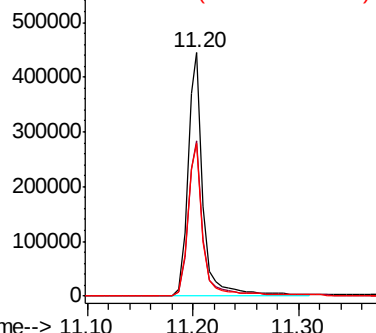


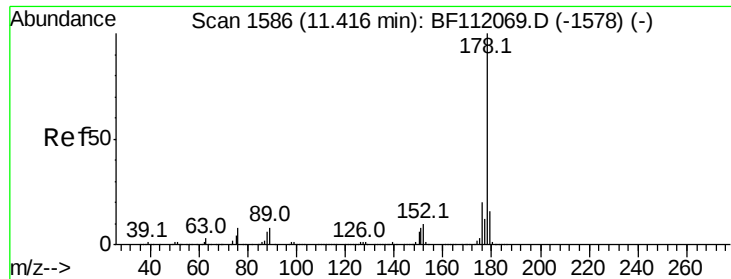
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





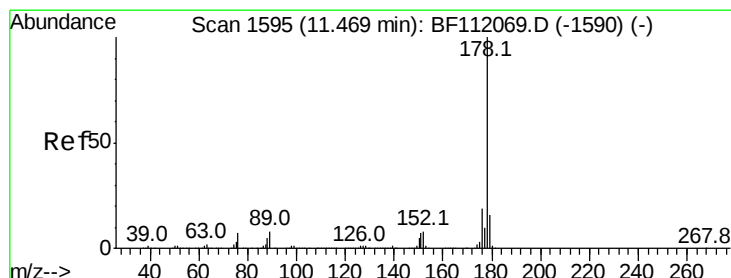
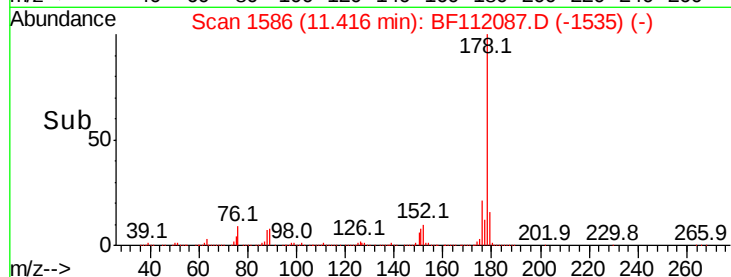
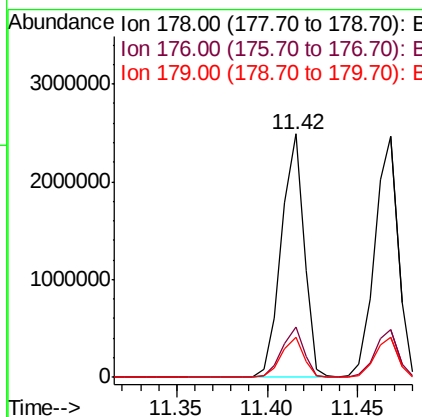
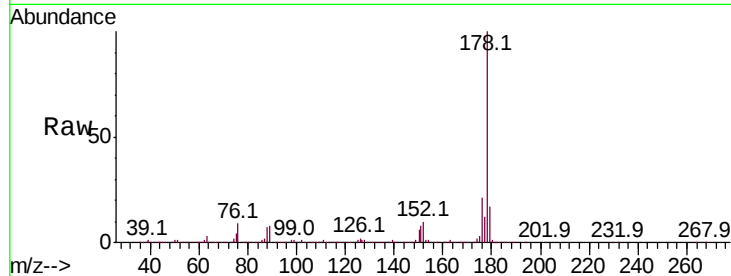
#71
Phenanthrene
Concen: 46.244 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:178 Resp: 2184860
Ion Ratio Lower Upper
178 100
176 20.9 16.3 24.5
179 16.6 13.0 19.4

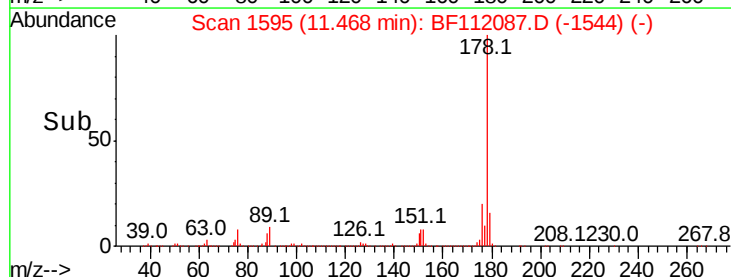
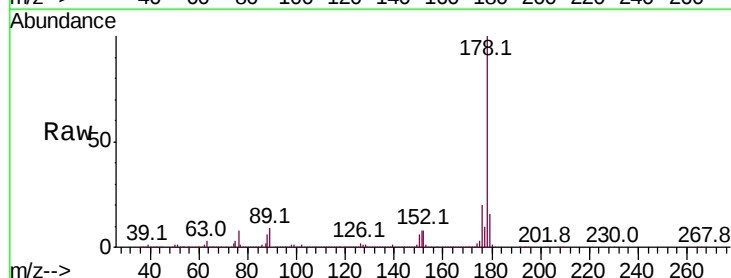
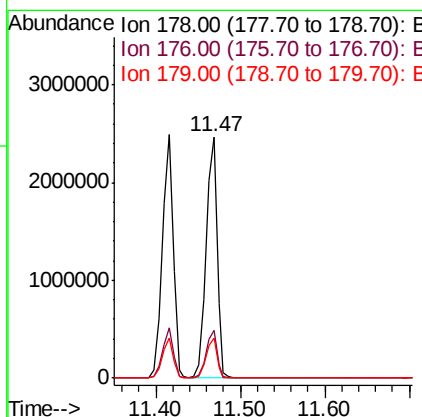
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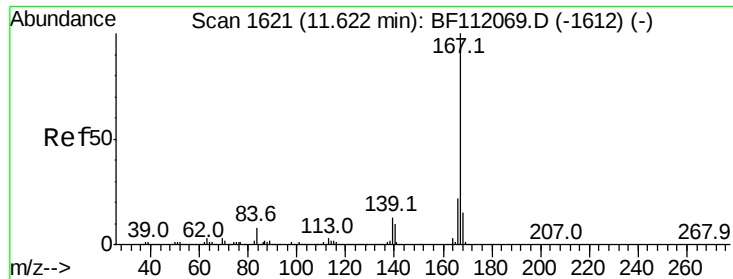
Sohil
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#72
Anthracene
Concen: 46.563 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:178 Resp: 2228572
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.4 12.8 19.2





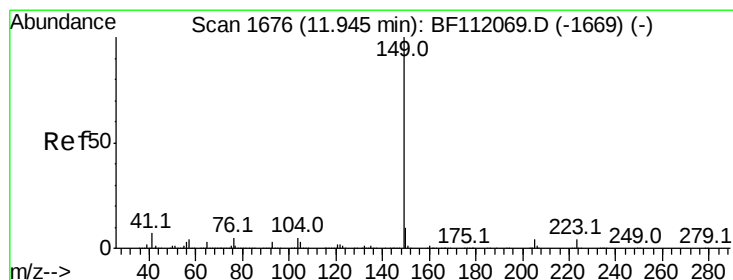
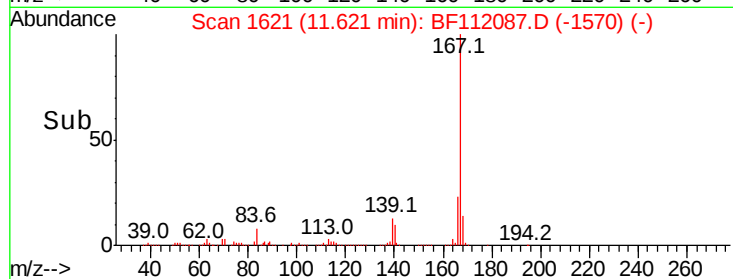
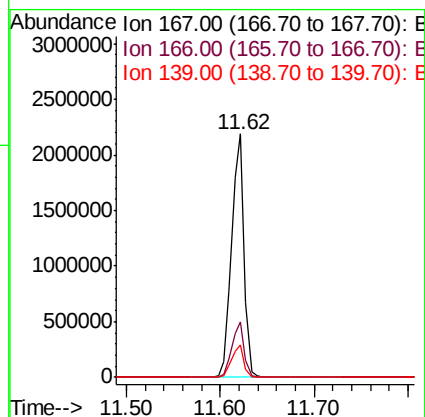
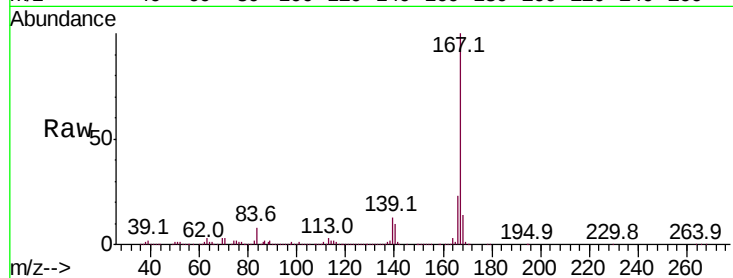
#73
 Carbazole
 Concen: 41.851 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	13.1	10.2	15.2

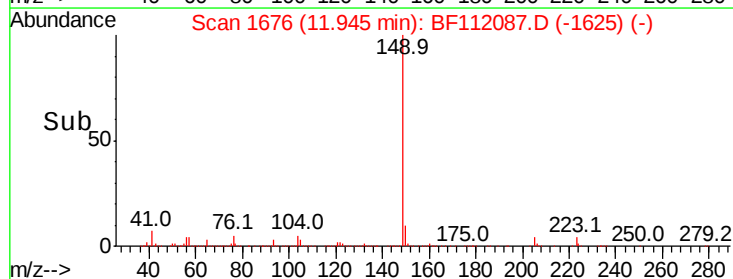
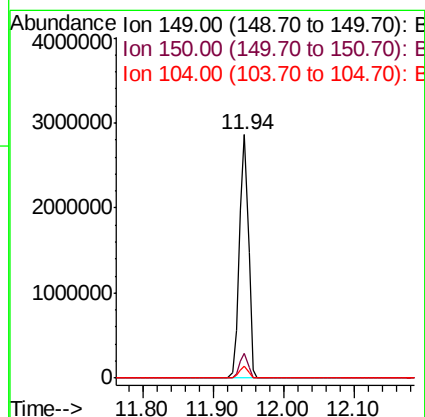
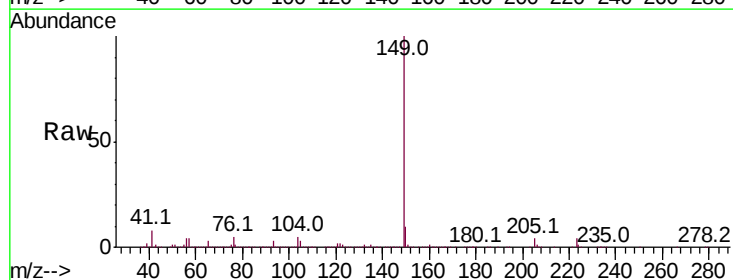
Manual Integrations
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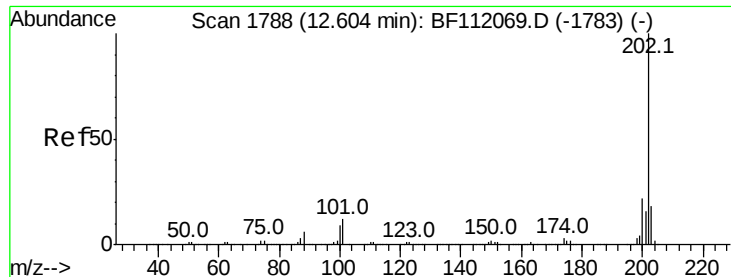
Sohil
 1/18/2019 11:45:43 AM



#74
 Di-n-butylphthalate
 Concen: 46.409 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.0	3.9	5.9





#75

Fluoranthene

Concen: 42.842 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:202 Resp: 2137169

Ion Ratio Lower Upper

202 100

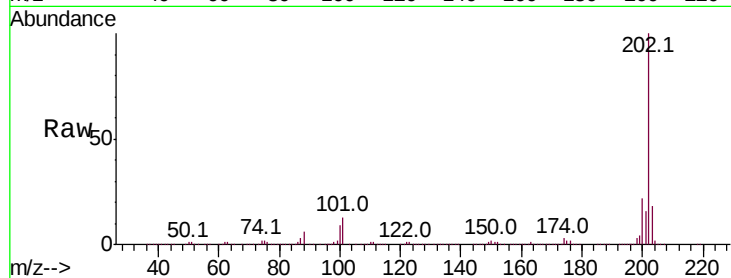
101 12.5 0.0 31.8

203 18.5 0.0 38.4

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Sohil

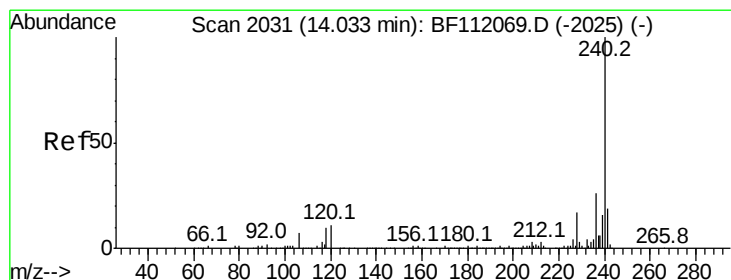
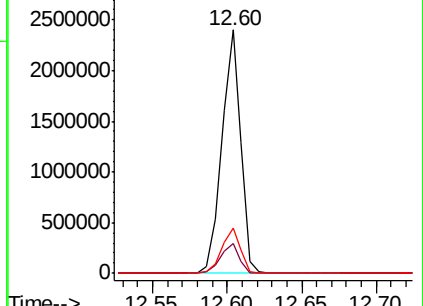
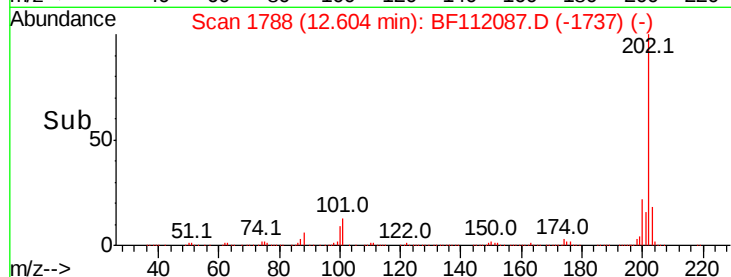
1/18/2019 11:45:43 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

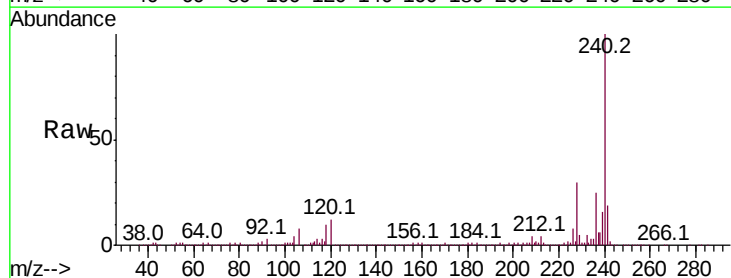
Tgt Ion:240 Resp: 737059

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

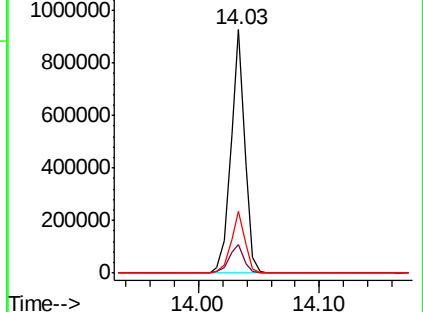
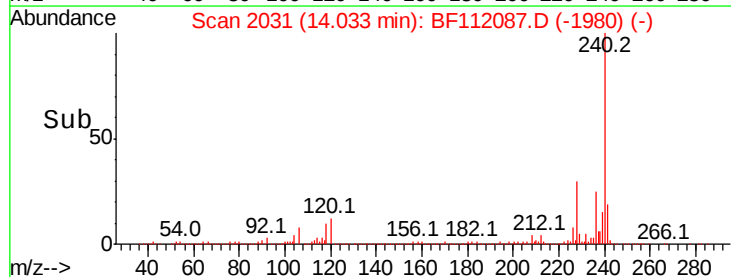
236 25.3 20.7 31.1

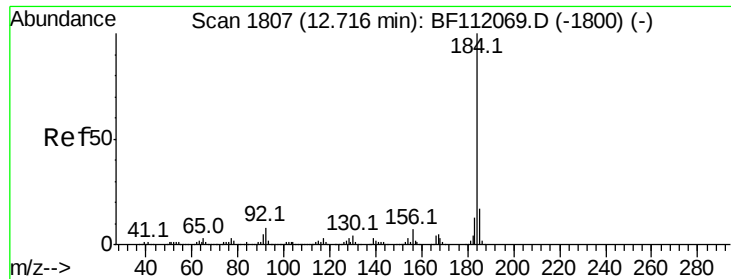


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.657 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

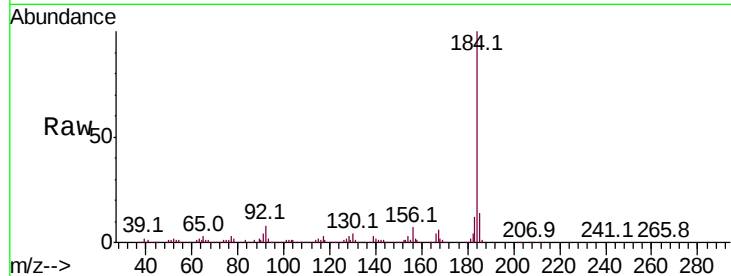
ClientSampleId :

JDHS-SOUTH-1MSD

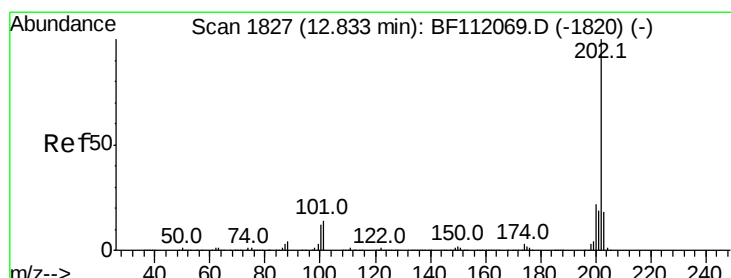
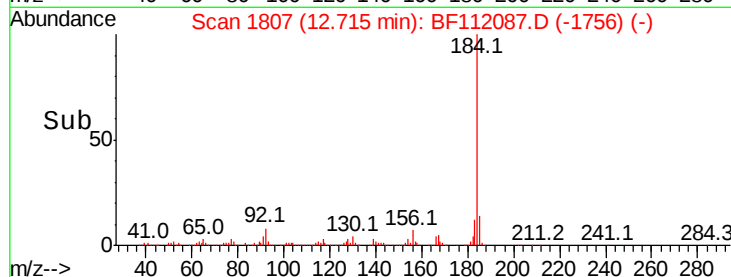
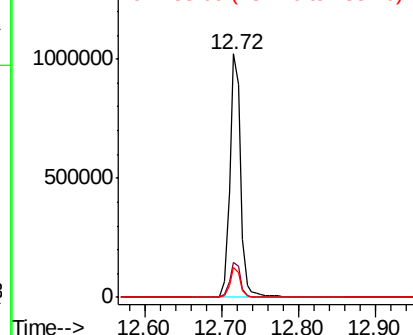
Tot Ion:	184	Resp:	999846
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.9	20.9
183	12.1	10.0	15.0

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.551 ng

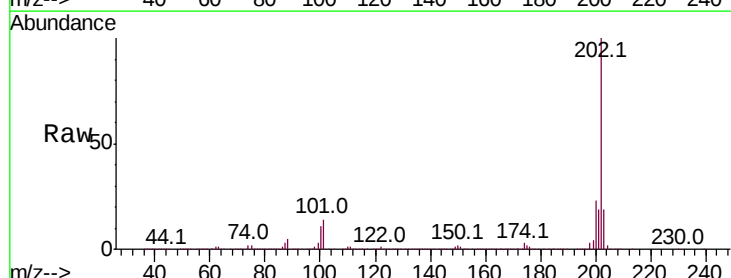
RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

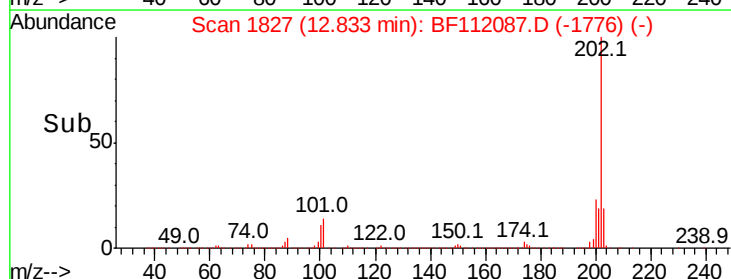
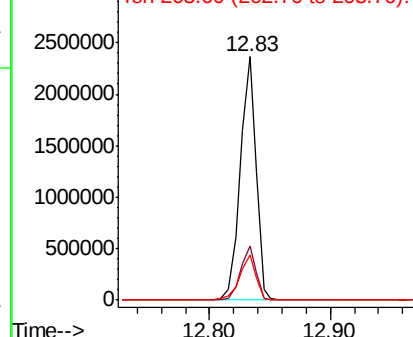
Lab File: BF112087.D

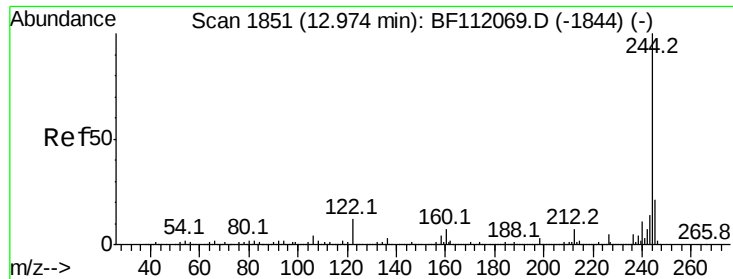
Acq: 17 Jan 2019 14:17

Tgt Ion:	202	Resp:	2166419
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.8	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 80.227 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

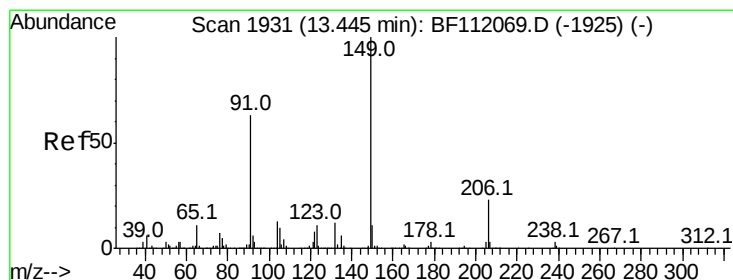
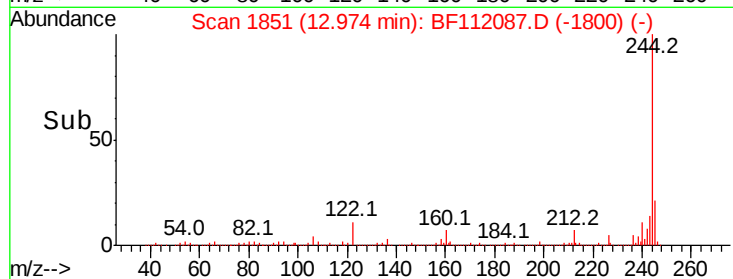
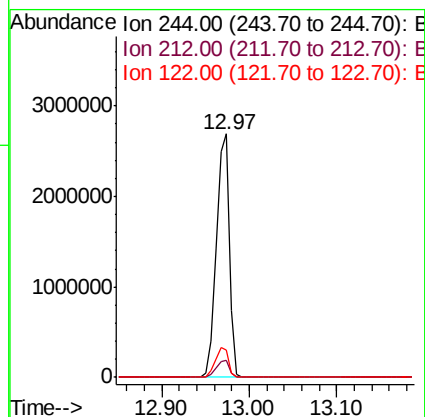
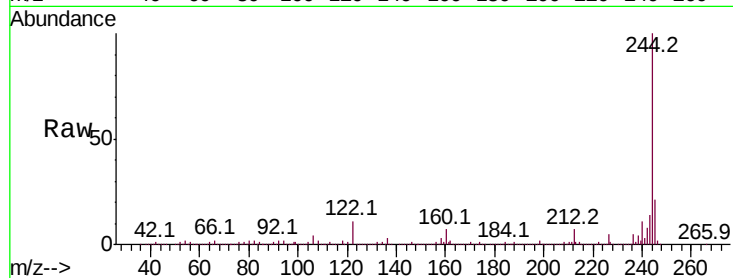
Instrument :
 BNA_F
 ClientSampleId :
 JDHS-SOUTH-1MSD

Tot Ion:244 Resp: 2779585

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.2	9.8	14.6

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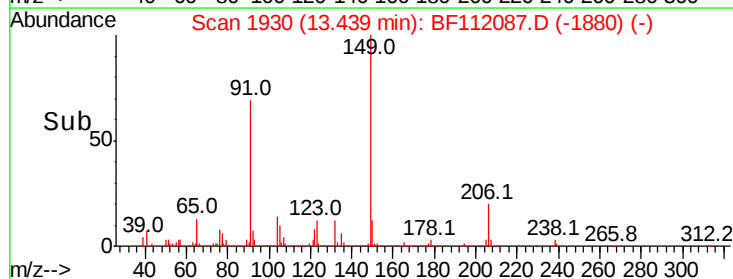
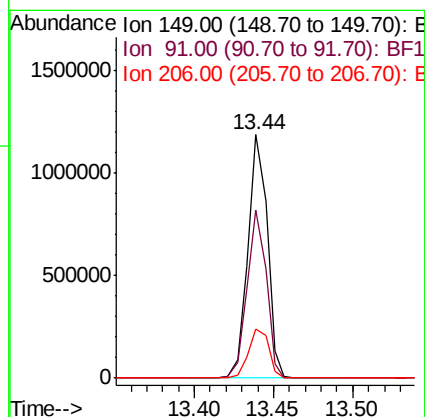
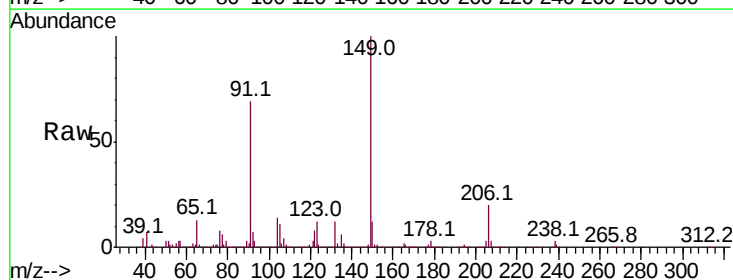
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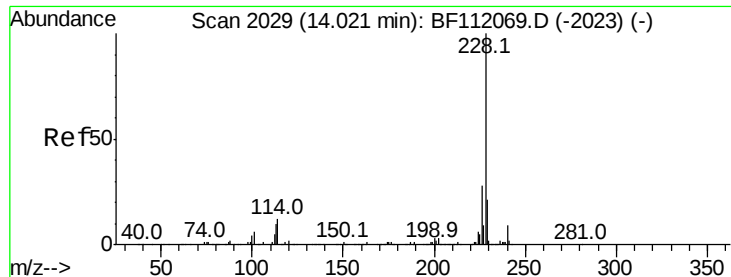


#80
 Butylbenzylphthalate
 Concen: 46.944 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF112087.D
 Acq: 17 Jan 2019 14:17

Tgt Ion:149 Resp: 1001479

Ion	Ratio	Lower	Upper
149	100		
91	69.2	50.3	75.5
206	20.4	18.2	27.4





#81

Benzo(a)anthracene

Concen: 46.870 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:228 Resp: 1980769

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.6	16.5	24.7

228 100

226 28.2 22.6 34.0

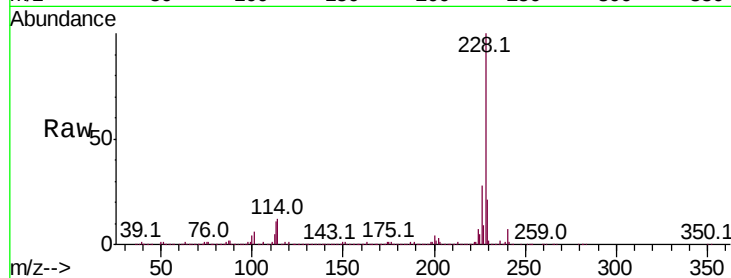
229 20.6 16.5 24.7

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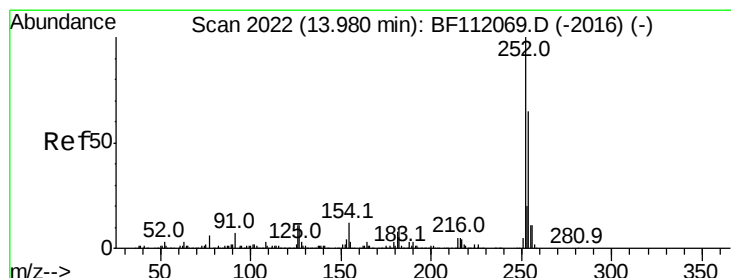
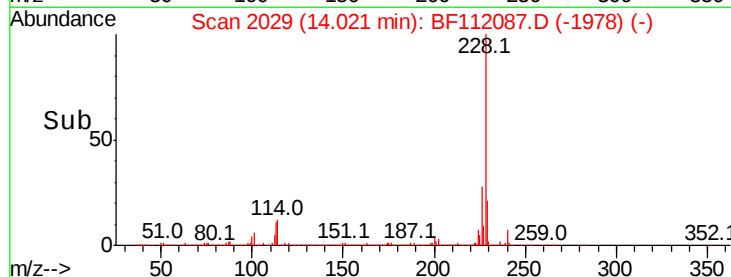
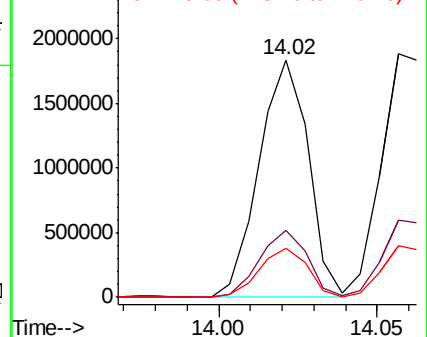


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.277 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Tgt Ion:252 Resp: 732413

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	11.3	8.6	12.8

252 100

254 66.1 51.6 77.4

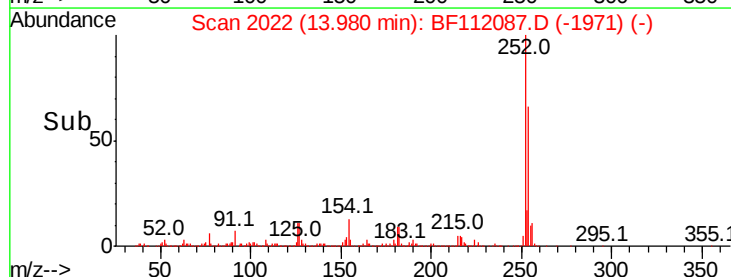
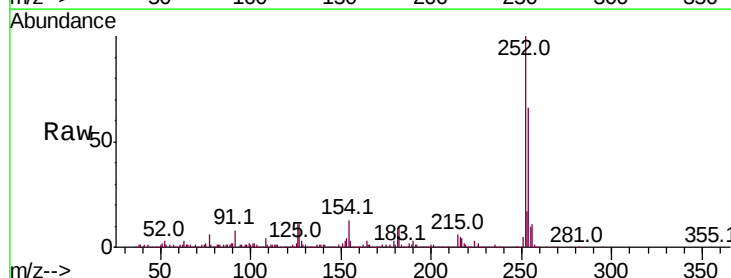
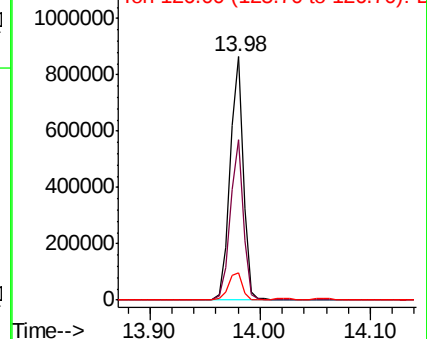
126 11.3 8.6 12.8

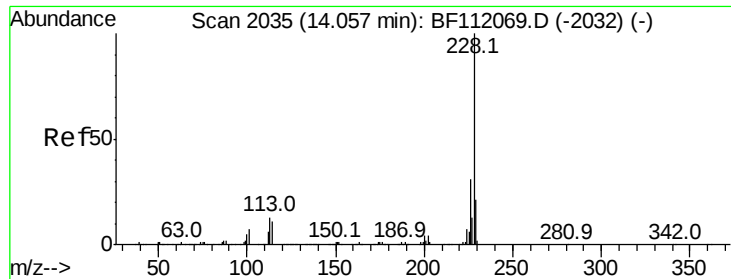
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





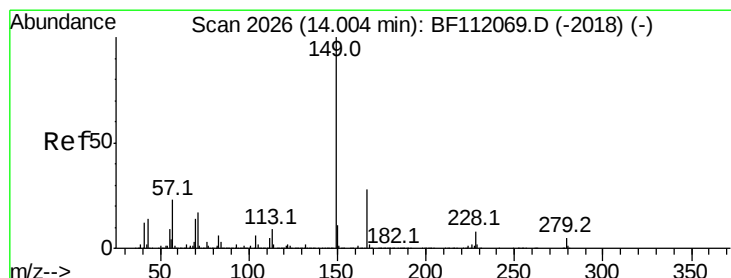
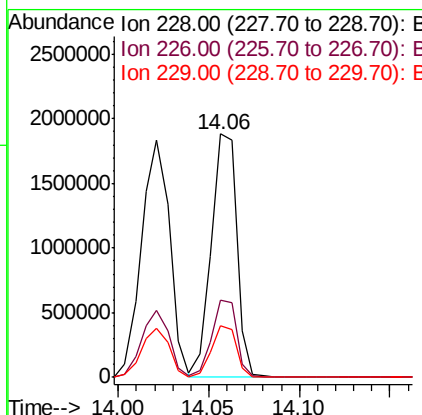
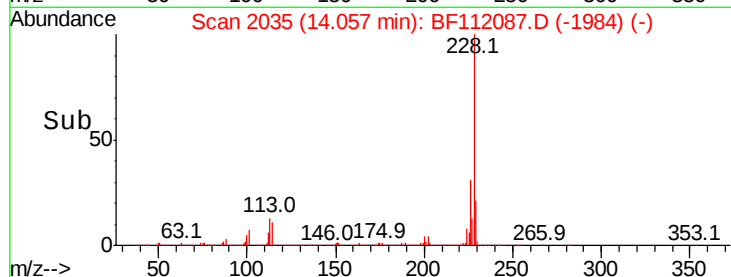
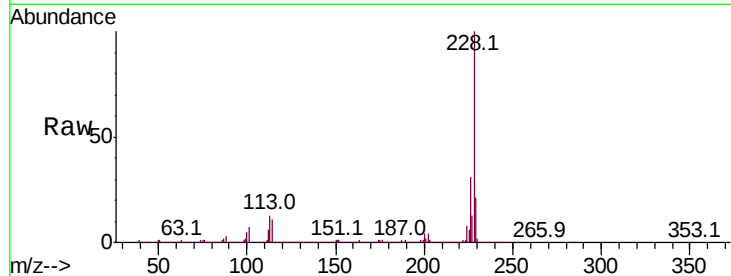
#83
Chrysene
Concen: 46.141 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:228 Resp: 1845117
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 21.2 16.6 24.8

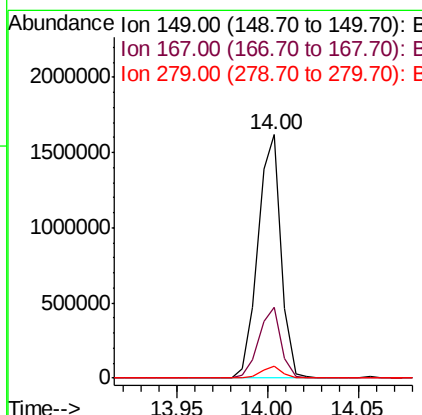
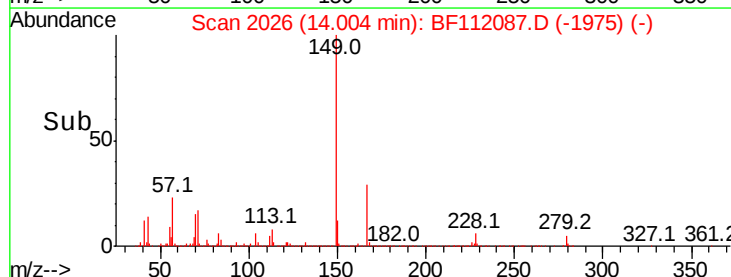
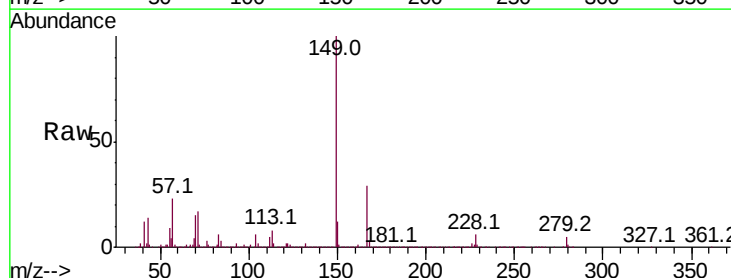
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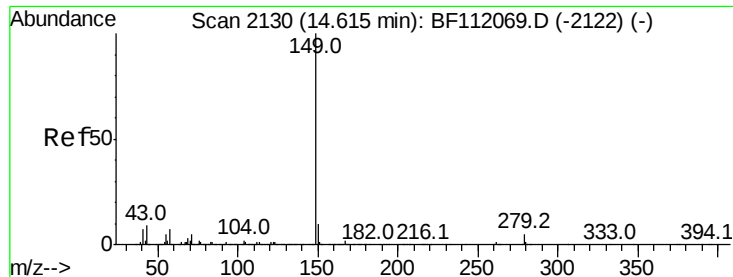
Sohil
1/18/2019 11:45:43 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.690 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:149 Resp: 1427537
Ion Ratio Lower Upper
149 100
167 29.1 22.5 33.7
279 5.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 49.915 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

JDHS-SOUTH-1MSD

Tot Ion:149 Resp: 2351375

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

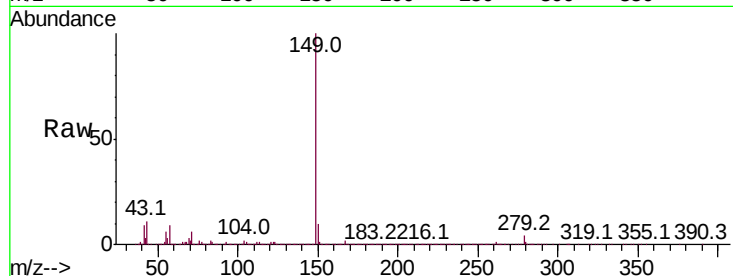
43 9.6 7.8 11.6

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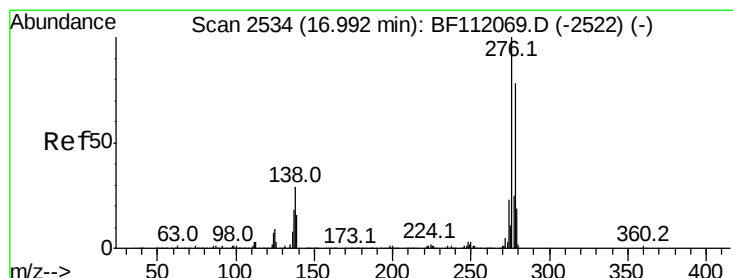
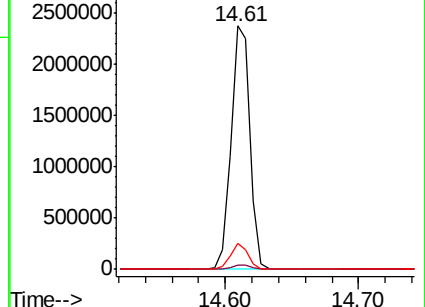
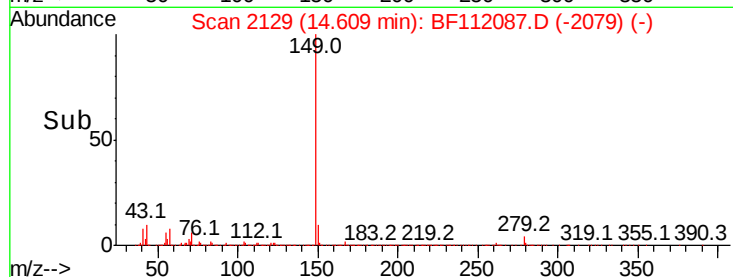
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.903 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

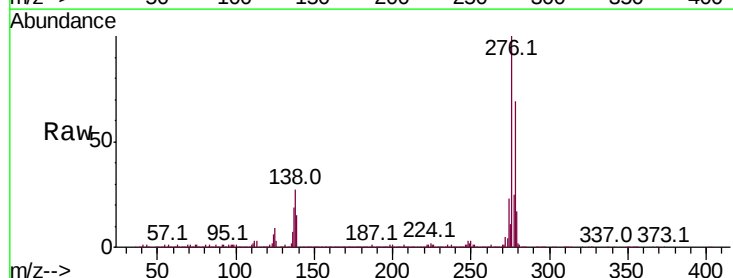
Tgt Ion:276 Resp: 1582798

Ion Ratio Lower Upper

276 100

138 28.0 22.6 34.0

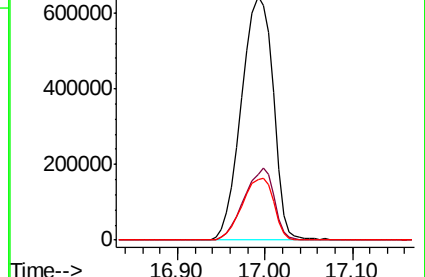
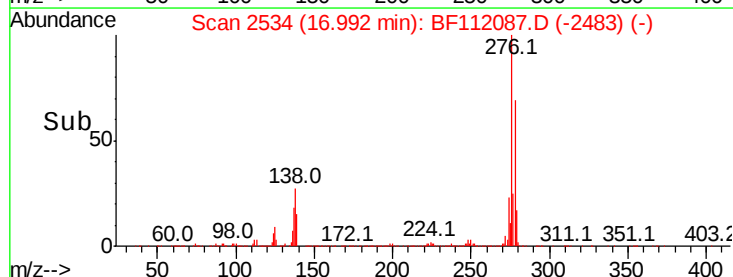
277 25.3 20.3 30.5

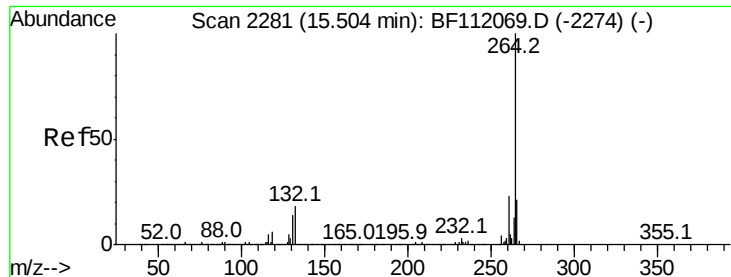


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF112087.D

Acq: 17 Jan 2019 14:17

Instrument :

BNA_F

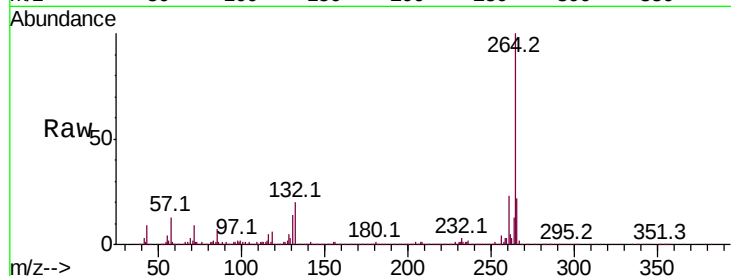
ClientSampleId :

JDHS-SOUTH-1MSD

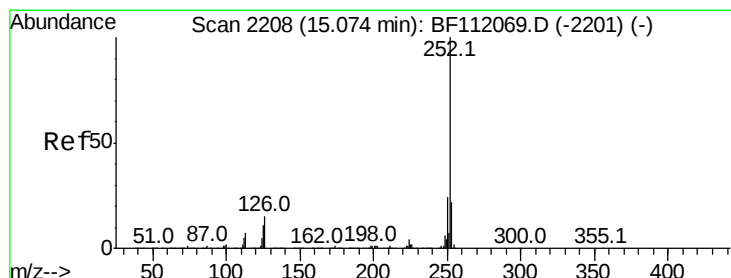
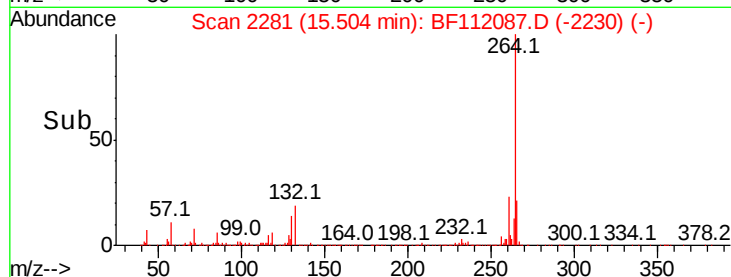
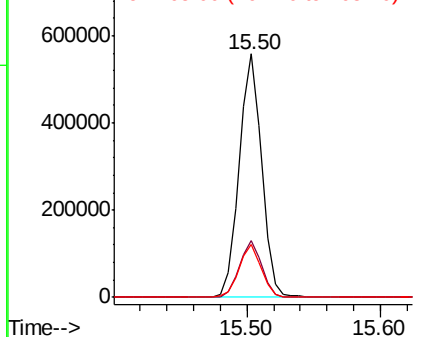
Tot Ion:	264	Resp:	651885
Ion Ratio		Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.6	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.956 ng

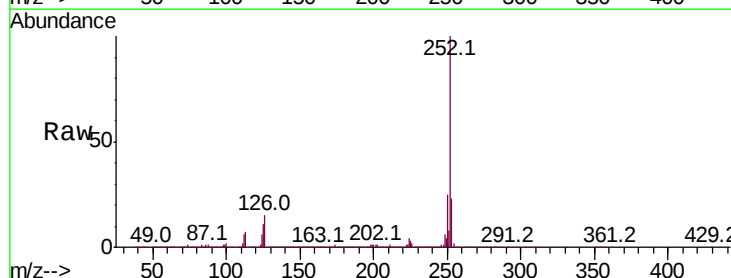
RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

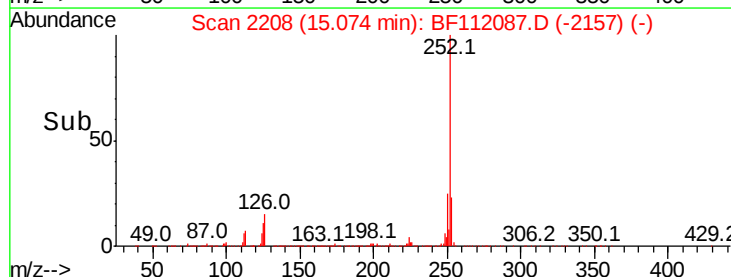
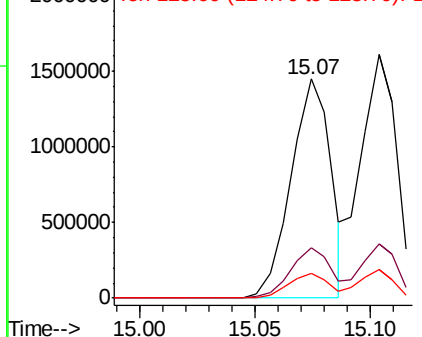
Lab File: BF112087.D

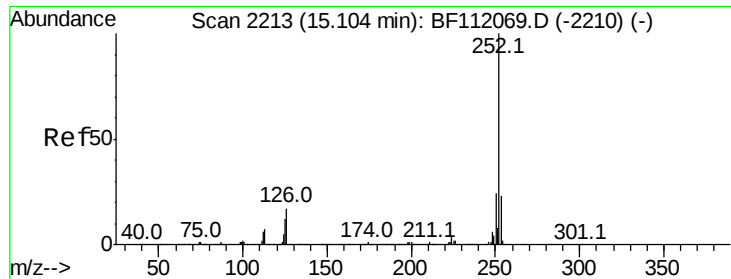
Acq: 17 Jan 2019 14:17

Tgt Ion:	252	Resp:	1737535
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.5	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





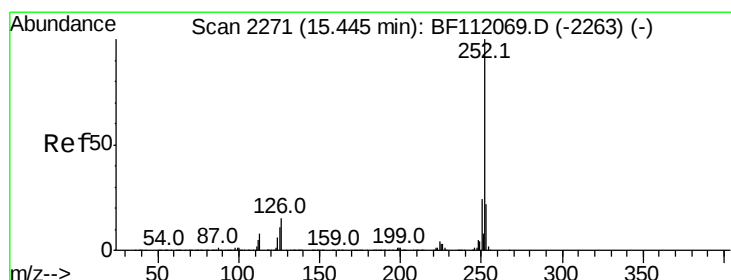
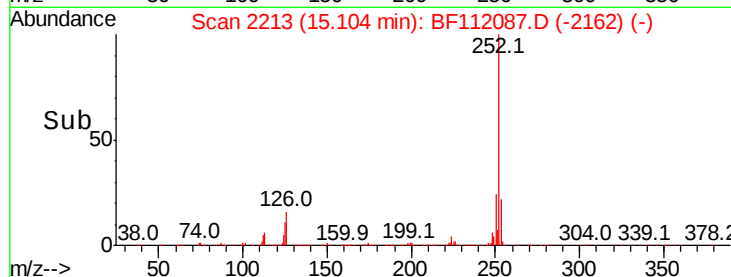
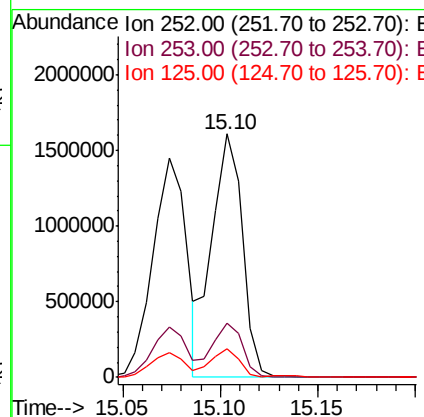
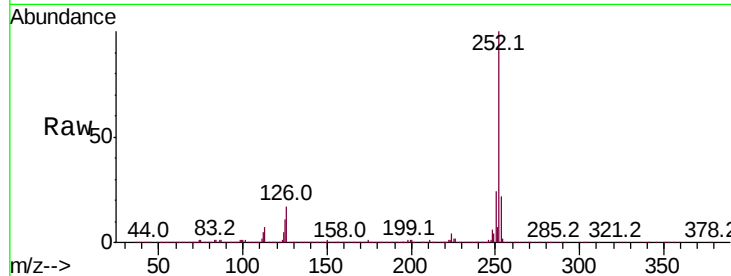
#89
Benzo(k)fluoranthene
Concen: 48.520 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.5	9.1	13.7

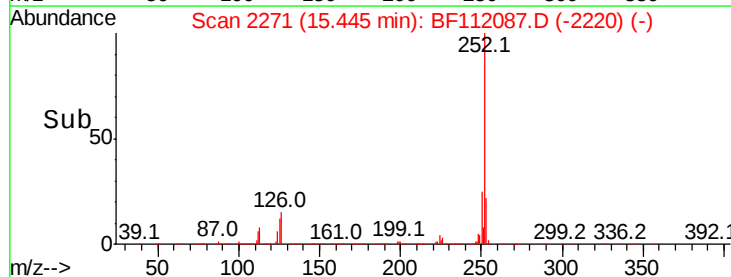
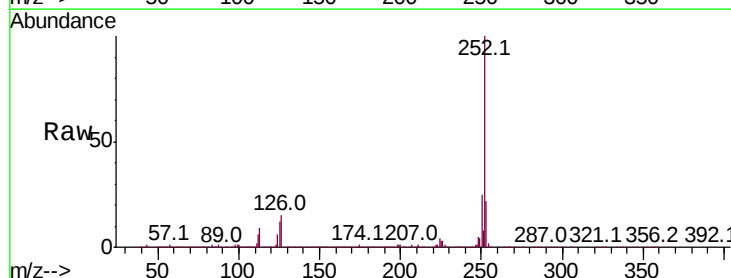
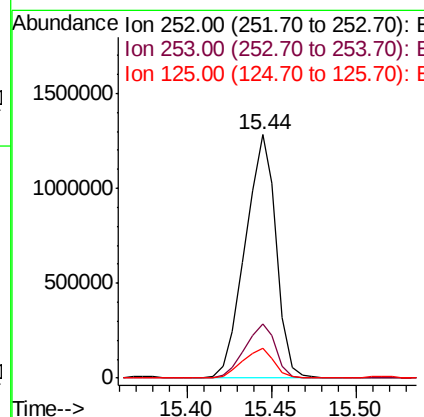
Manual Integrations
APPROVED

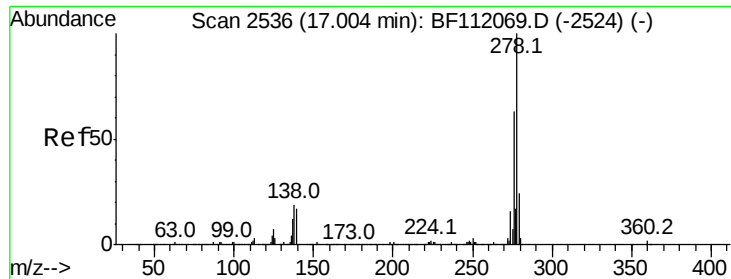
Sohil
1/18/2019 11:45:43 AM



#90
Benzo(a)pyrene
Concen: 48.085 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.3	9.0	13.4





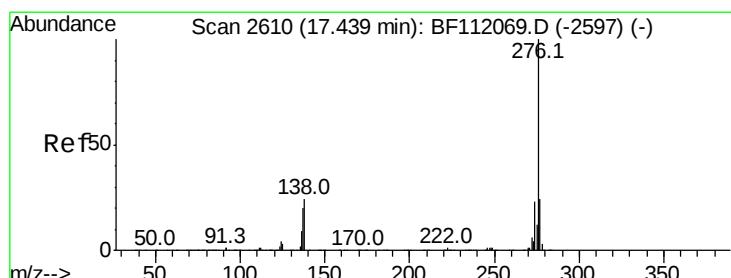
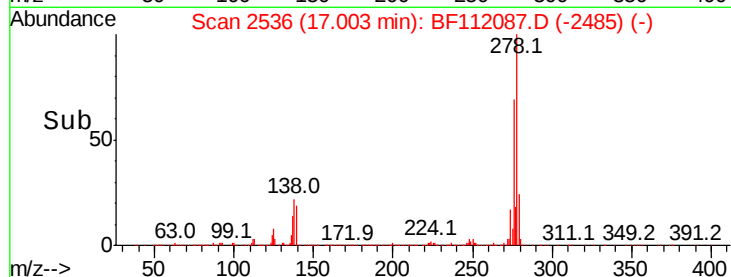
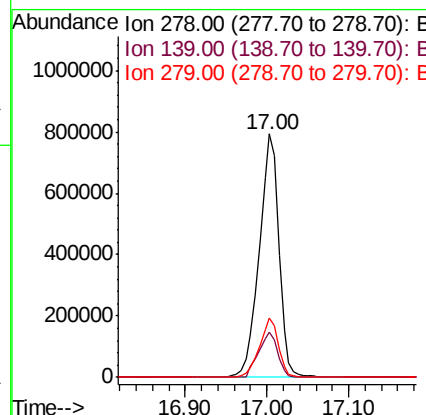
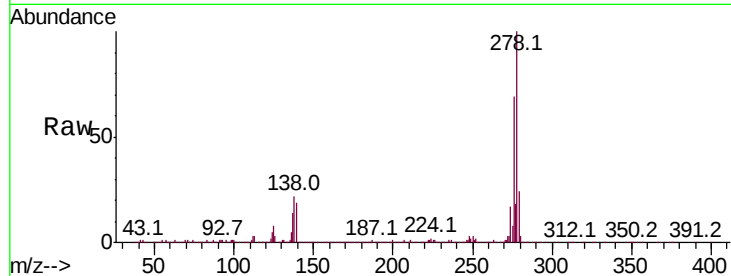
#91
Dibenzo(a,h)anthracene
Concen: 44.043 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MSD

Tot Ion:278 Resp: 1327464
Ion Ratio Lower Upper
278 100
139 18.7 13.7 20.5
279 24.2 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/18/2019 11:45:43 AM



#92
Benzo(g,h,i)perylene
Concen: 42.895 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BF112087.D
Acq: 17 Jan 2019 14:17

Tgt Ion:276 Resp: 1273679
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 24.2 19.1 28.7

