

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114158.D
 Acq On : 11 May 2019 15:47
 Operator : JU/SJ
 Sample : K2763-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:35:50 PM

Quant Time: May 13 07:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	332973	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1282523	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	579187	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1109597	20.00	ng	0.00
76) Chrysene-d12	14.00	240	615580	20.00	ng	-0.02
87) Perylene-d12	15.47	264	749161	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2025477	97.89	ng	0.00
7) Phenol-d6	6.50	99	2711198	110.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1737354	76.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	603486	100.79	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2706833	70.69	ng	0.00
79) Terphenyl-d14	12.95	244	2426295	81.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	315546	27.745	ng	99
3) Pyridine	3.42	79	557790	17.801	ng	97
4) n-Nitrosodimethylamine	3.35	42	484047	32.034	ng	96
6) Aniline	6.52	93	415087	11.742	ng	# 87
8) 2-Chlorophenol	6.65	128	847662	38.375	ng	93
9) Benzaldehyde	6.40	77	374680	21.870	ng	98
10) Phenol	6.51	94	1045942	36.332	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	849232	38.857	ng	100
12) 1,3-Dichlorobenzene	6.79	146	873714	35.238	ng	97
13) 1,4-Dichlorobenzene	6.87	146	893390	35.757	ng	98
14) 1,2-Dichlorobenzene	7.02	146	832748	36.481	ng	98
15) Benzyl Alcohol	6.99	79	751144	39.355	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1622768	38.294	ng	99
17) 2-Methylphenol	7.11	107	685194	37.762	ng	99
18) Hexachloroethane	7.36	117	317127	33.814	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	593877	38.286	ng	95
20) 3+4-Methylphenols	7.26	107	789329	37.651	ng	93
22) Acetophenone	7.26	105	1115325	39.255	ng	98
24) Nitrobenzene	7.43	77	927321	39.840	ng	96
25) Isophorone	7.67	82	1638551	38.660	ng	98
26) 2-Nitrophenol	7.75	139	450485	39.892	ng	96
27) 2,4-Dimethylphenol	7.79	122	676572	38.146	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1082457	39.362	ng	100
29) 2,4-Dichlorophenol	7.99	162	715512	40.514	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	745416	37.117	ng	99
31) Naphthalene	8.16	128	2367119	39.512	ng	100
32) Benzoic acid	7.90	122	263764	24.827	ng	95
33) 4-Chloroaniline	8.20	127	243818	8.931	ng	99
34) Hexachlorobutadiene	8.27	225	384292	33.631	ng	99
35) Caprolactam	8.56	113	208467m	36.200	ng	
36) 4-Chloro-3-methylphenol	8.69	107	762331	42.882	ng	96
37) 2-Methylnaphthalene	8.85	142	1597842	41.338	ng	98
38) 1-Methylnaphthalene	8.95	142	1432540	39.355	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	663934	37.842	ng	99

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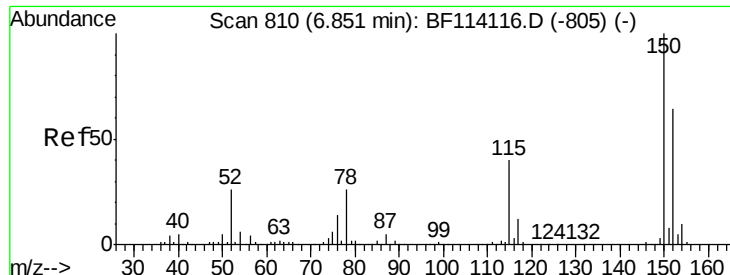
Manual Integrations
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Quant Time: May 13 07:42:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	548256	67.773	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	469950	38.942	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	510267	41.230	nq	97
46) 1,1'-Biphenyl	9.31	154	1850117	39.540	nq	99
47) 2-Chloronaphthalene	9.33	162	1445636	38.390	nq	99
48) 2-Nitroaniline	9.43	65	518522	38.827	nq	98
49) Acenaphthylene	9.75	152	2319248	40.494	nq	99
50) Dimethylphthalate	9.61	163	2261245	53.184	nq	99
51) 2,6-Dinitrotoluene	9.67	165	406475	43.103	nq	94
52) Acenaphthene	9.92	154	1327113	37.761	nq	99
53) 3-Nitroaniline	9.83	138	243650	20.813	nq	98
54) 2,4-Dinitrophenol	9.95	184	266029	58.116	nq	97
55) Dibenzofuran	10.09	168	1935930	37.565	nq	98
56) 4-Nitrophenol	10.01	139	571740	69.062	nq	92
57) 2,4-Dinitrotoluene	10.07	165	510720	39.900	nq	97
58) Fluorene	10.43	166	1513663	38.025	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	412994	38.675	nq	99
60) Diethylphthalate	10.30	149	1685051	39.005	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	735128	37.600	nq	98
62) 4-Nitroaniline	10.45	138	400963	32.595	nq	96
63) Azobenzene	10.59	77	1621407	38.775	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	208992	39.198	nq	100
66) n-Nitrosodiphenylamine	10.54	169	1368799	40.646	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	457370	37.437	nq	95
68) Hexachlorobenzene	10.99	284	489396	36.210	nq	96
69) Atrazine	11.07	200	417667	39.854	nq	98
70) Pentachlorophenol	11.18	266	449336	70.133	nq	99
71) Phenanthrene	11.40	178	2048589	37.949	nq	99
72) Anthracene	11.44	178	2120531	39.109	nq	99
73) Carbazole	11.60	167	2002114	38.722	nq	99
74) Di-n-butylphthalate	11.93	149	2358702	39.596	nq	99
75) Fluoranthene	12.58	202	2021480	34.773	nq	97
77) Benzidine	12.70	184	32110	1.162	nq	96
78) Pyrene	12.81	202	1978917	39.962	nq	99
80) Butylbenzylphthalate	13.42	149	889622	42.681	nq	98
81) Benzo(a)anthracene	14.00	228	1421436	35.701	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	289762	18.760	nq	# 96
83) Chrysene	14.03	228	1445785	37.043	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1163018	42.663	nq	100
85) Di-n-octyl phthalate	14.60	149	1839378	41.623	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2022435	58.631	nq	98
88) Benzo(b)fluoranthene	15.05	252	1567235	32.654	nq	99
89) Benzo(k)fluoranthene	15.08	252	1527542	34.647	nq	99
90) Benzo(a)pyrene	15.42	252	1555445	36.824	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1680966	47.891	nq	100
92) Benzo(g,h,i)perylene	17.39	276	1753913	49.863	nq	98

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



#1

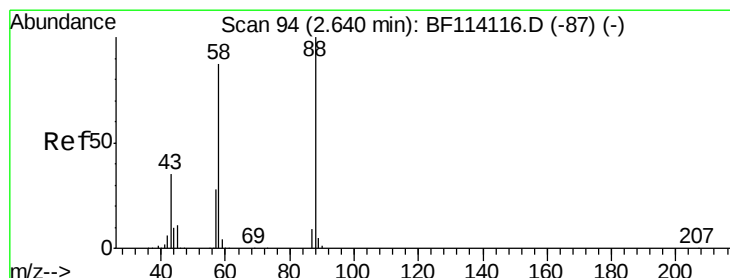
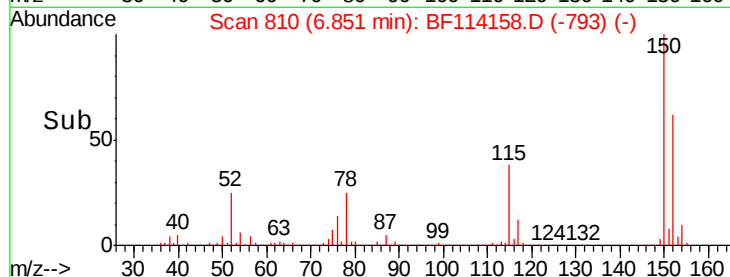
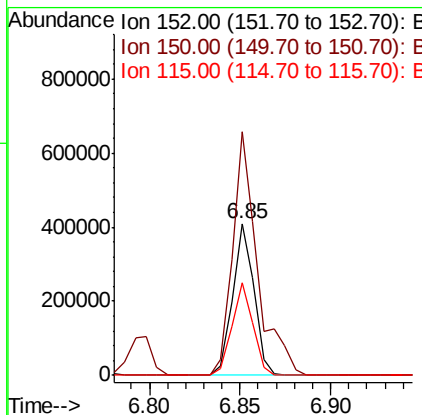
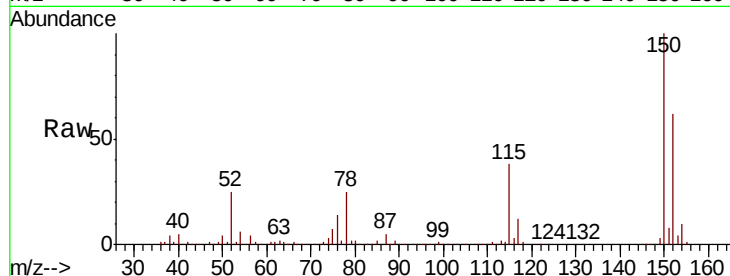
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	61.3	49.1	73.7

Manual Integrations
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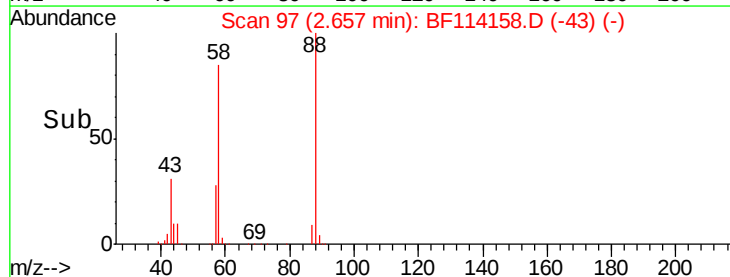
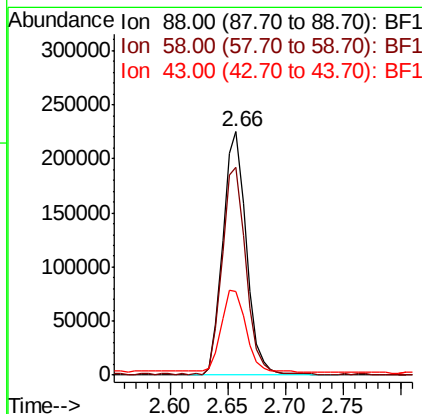
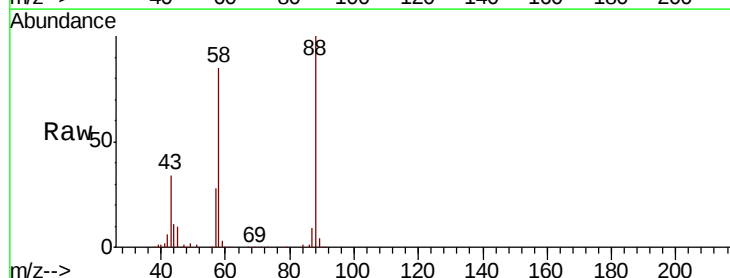
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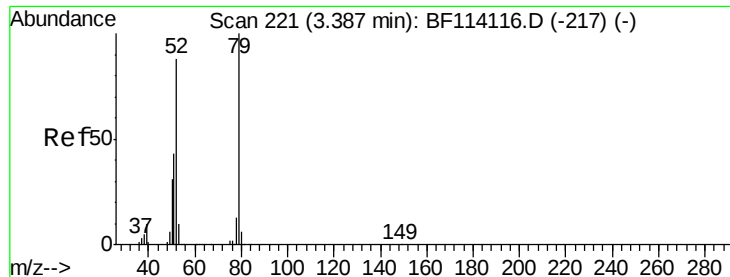


#2

1,4-Dioxane
Concen: 27.745 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	68.7	103.1
43	36.2	28.2	42.2





#3

Pvridine

Concen: 17.801 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

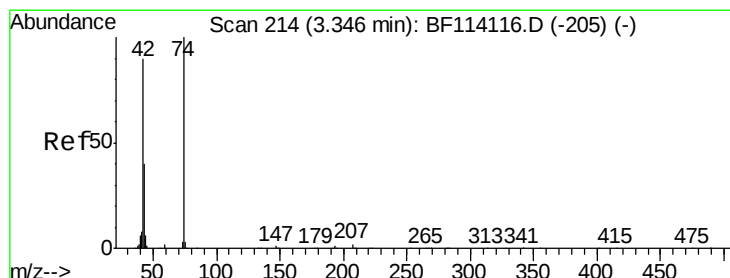
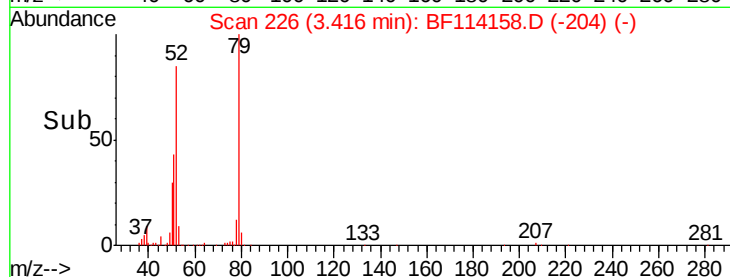
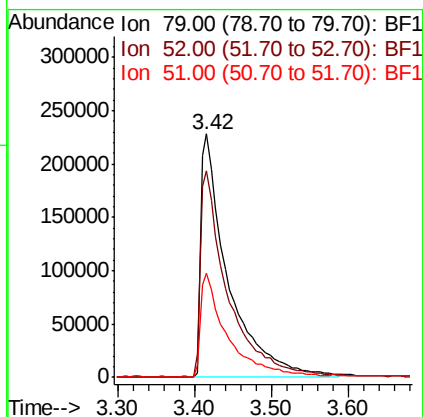
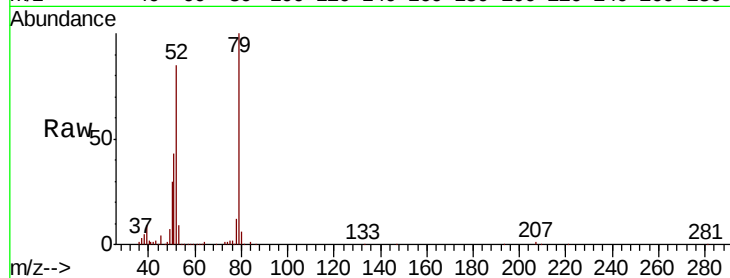
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	79	Resp:	557790
Ion	Ratio	Lower	Upper
79	100		
52	84.7	70.6	105.8
51	42.8	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 32.034 ng

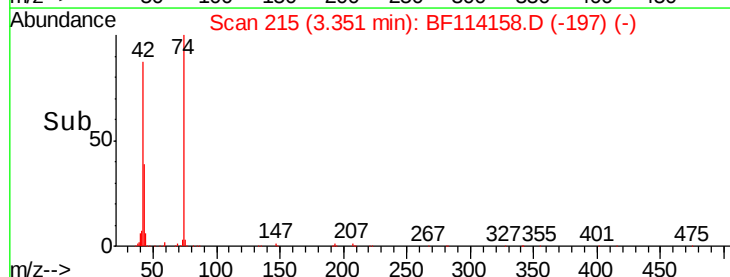
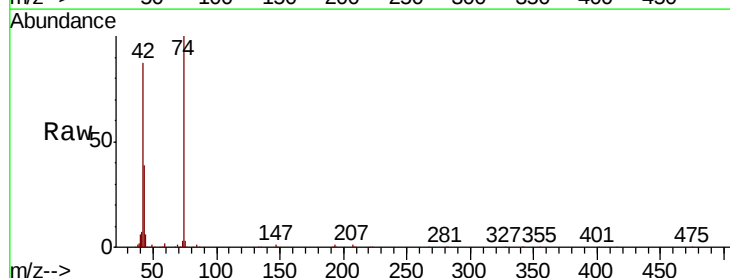
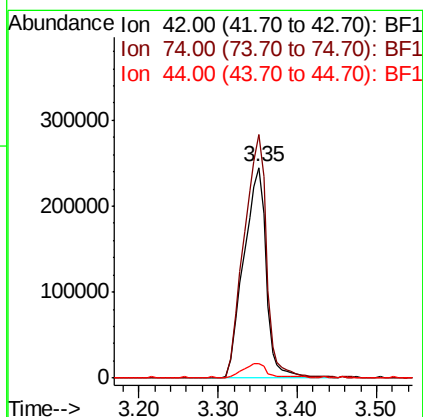
RT: 3.35 min Scan# 215

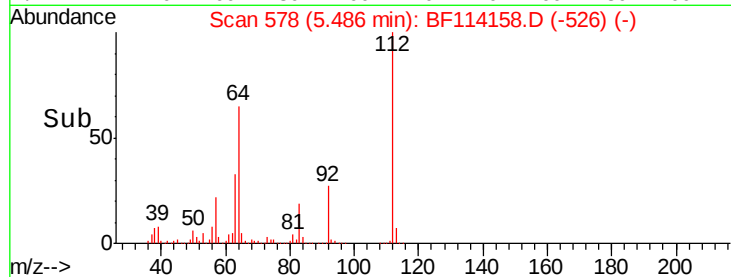
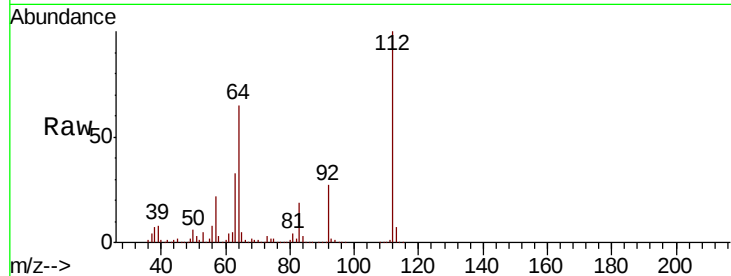
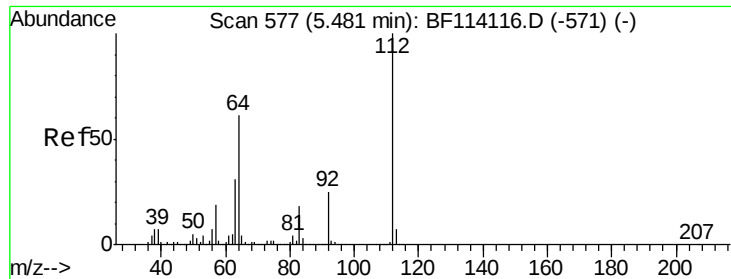
Delta R.T. 0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	42	Resp:	484047
Ion	Ratio	Lower	Upper
42	100		
74	115.4	88.6	132.8
44	7.1	5.5	8.3





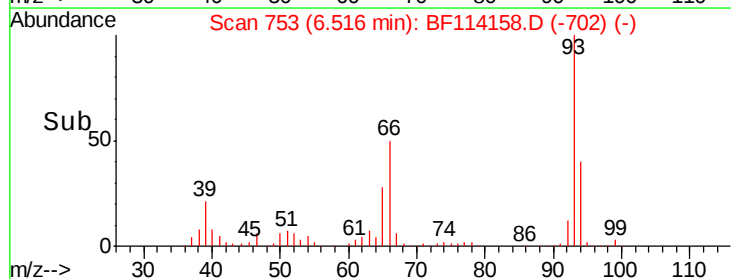
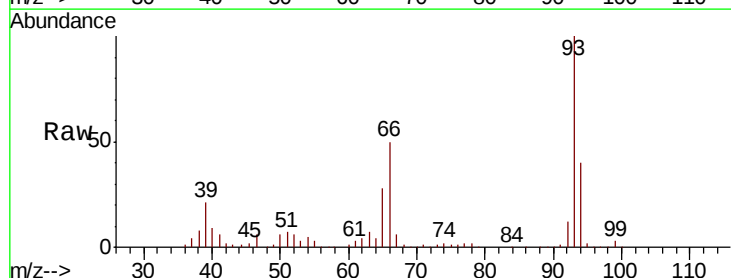
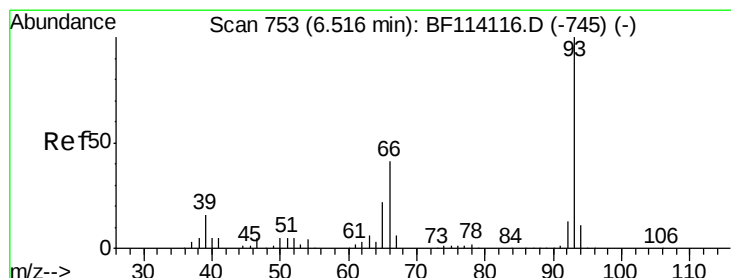
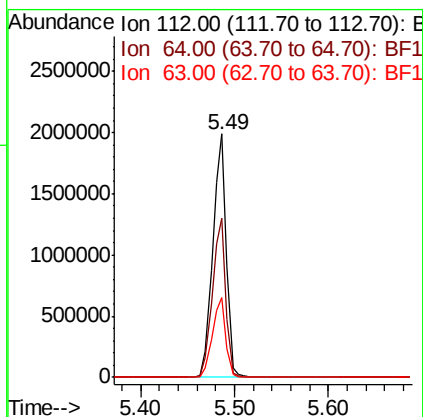
#5
2-Fluorophenol
Concen: 97.891 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tot Ion	Ratio	Lower	Upper
112	100		
64	65.1	49.0	73.6
63	32.9	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

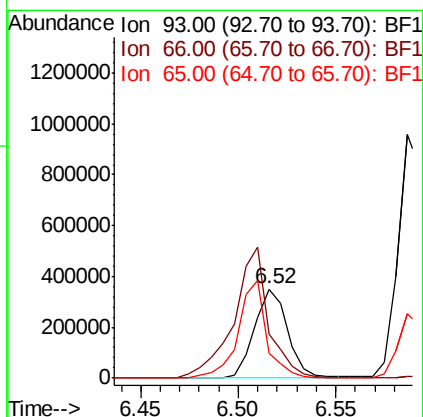
Manual Integrations
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#6
Aniline
Concen: 11.742 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.7	33.2	49.8
65	28.1	17.6	26.4





#7

Phenol-d6

Concen: 110.788 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01MS

Tot Ion: 99 Resp: 2711198

Ion Ratio Lower Upper

99 100

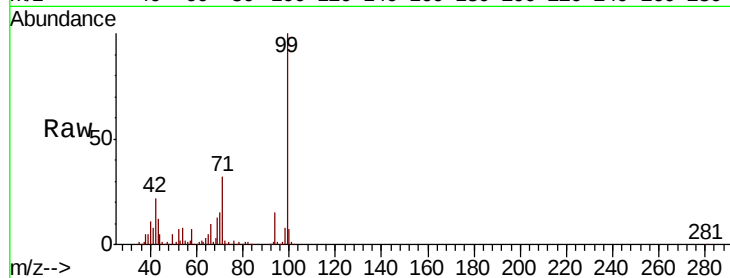
42 21.8 17.9 26.9

71 32.3 26.2 39.2

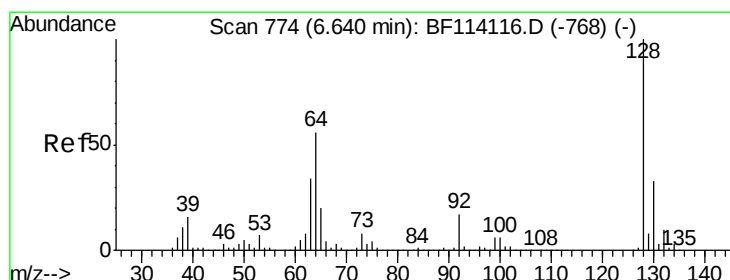
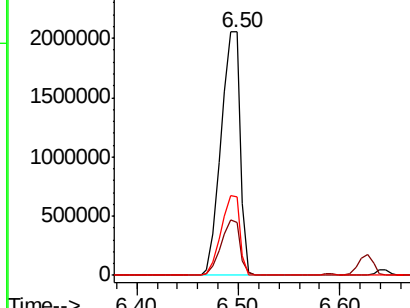
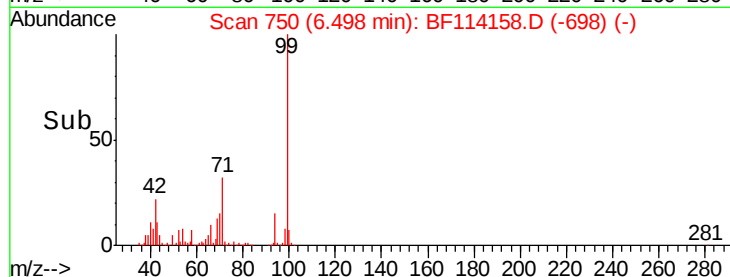
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.375 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

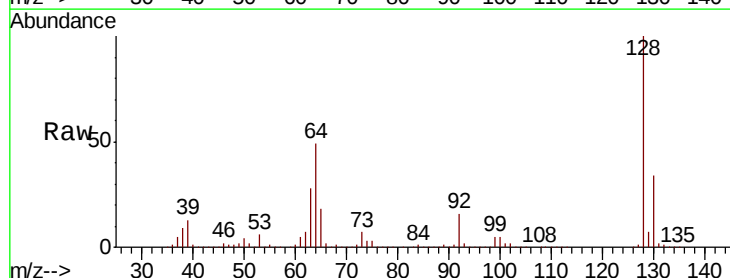
Tgt Ion: 128 Resp: 847662

Ion Ratio Lower Upper

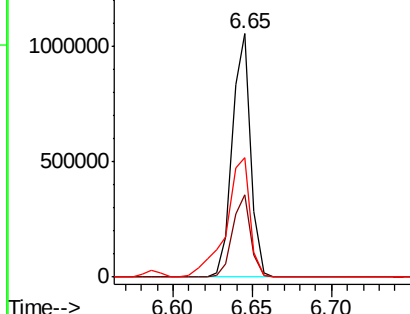
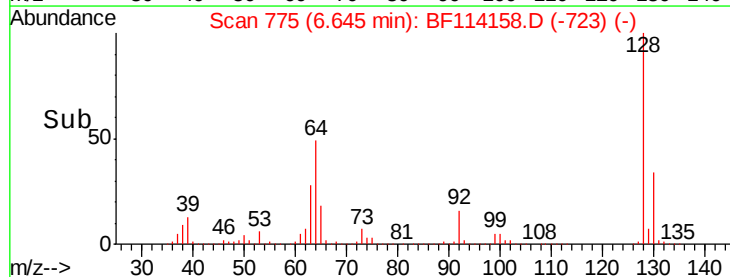
128 100

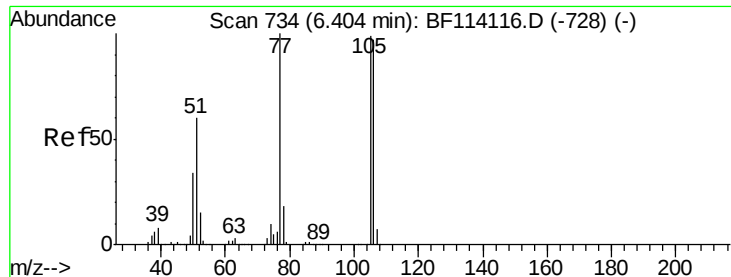
130 33.7 12.6 52.6

64 48.9 35.9 75.9



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: 21.870 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

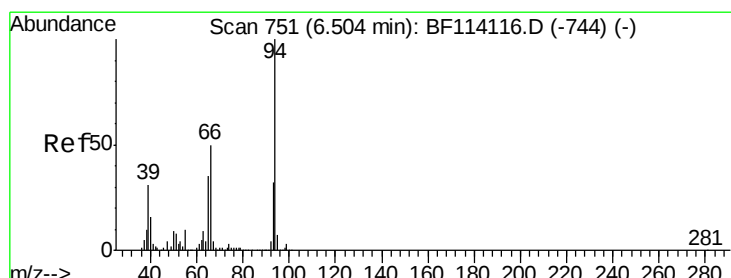
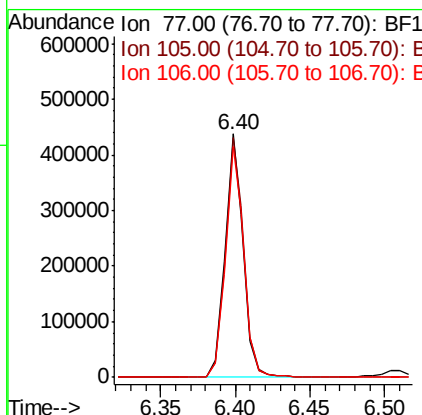
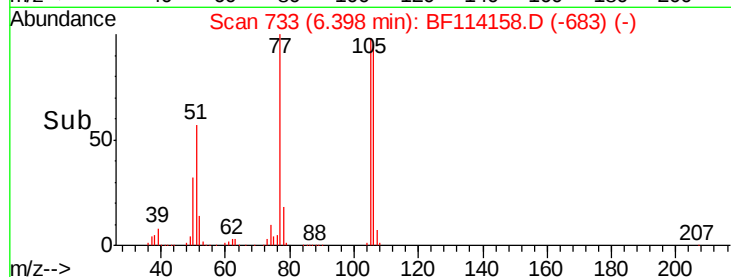
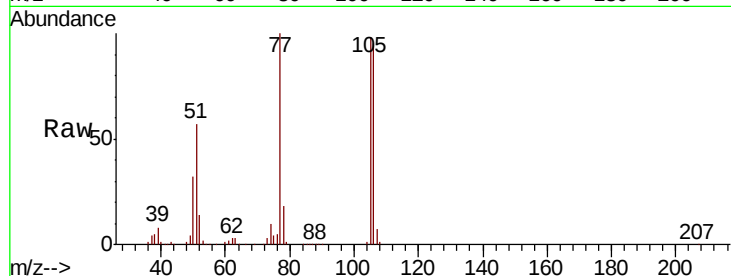
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	77	Resp:	374680
Ion Ratio	Lower	Upper	
77	100		
105	98.5	79.3	119.3
106	94.8	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 36.332 ng

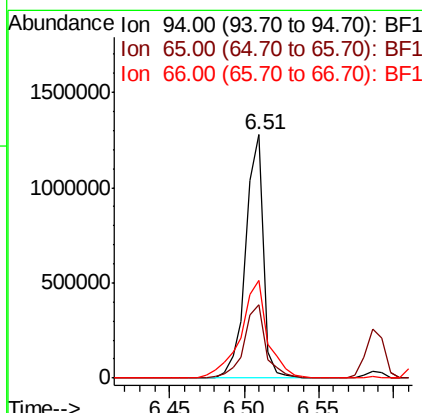
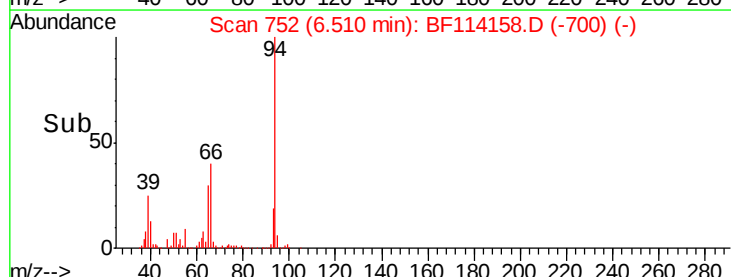
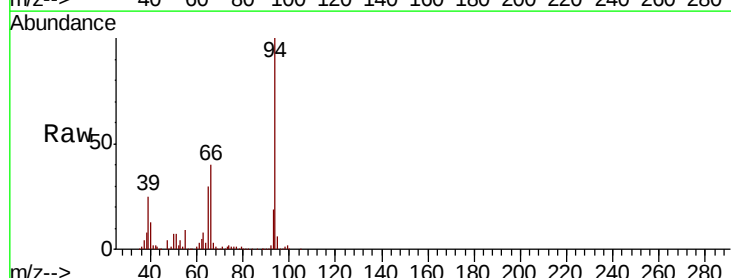
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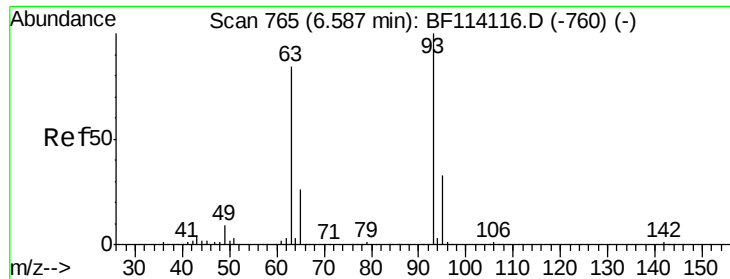
Delta R.T. 0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	94	Resp:	1045942
Ion Ratio	Lower	Upper	
94	100		
65	30.1	14.7	54.7
66	40.1	29.6	69.6





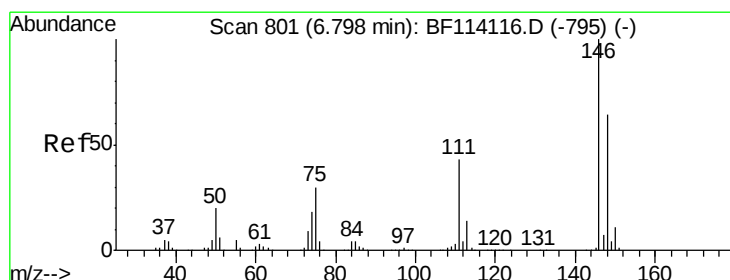
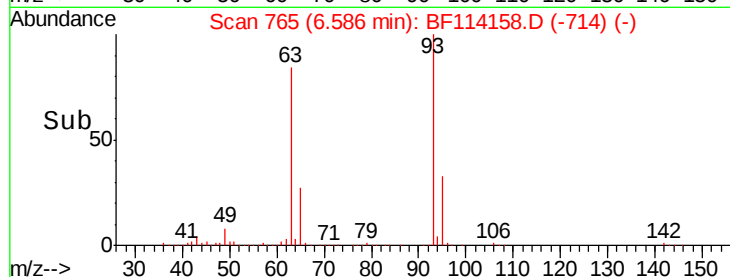
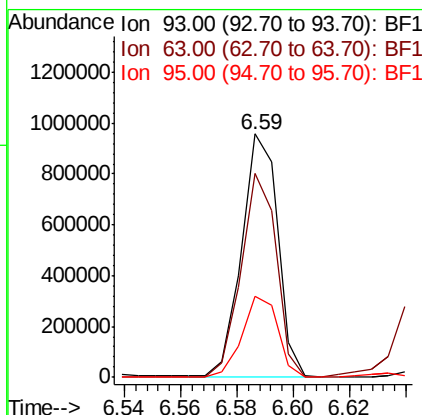
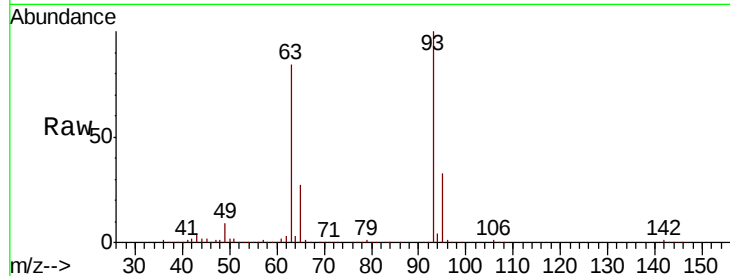
#11
bis(2-Chloroethyl)ether
Concen: 38.857 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.9	63.6	103.6
95	33.1	13.1	53.1

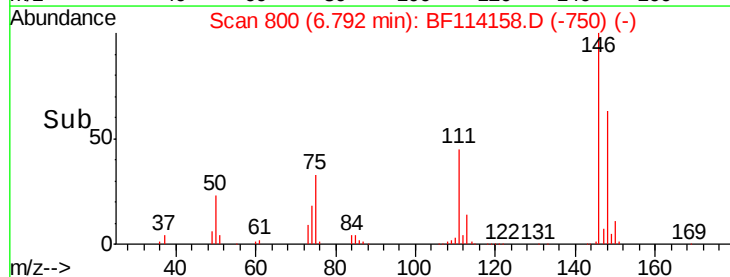
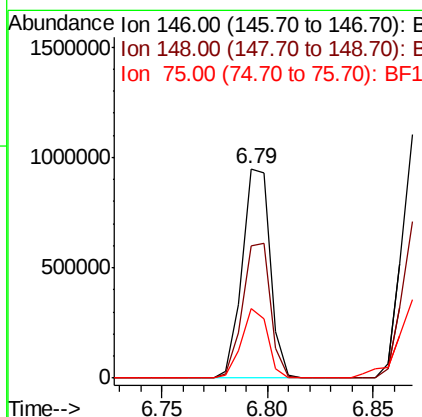
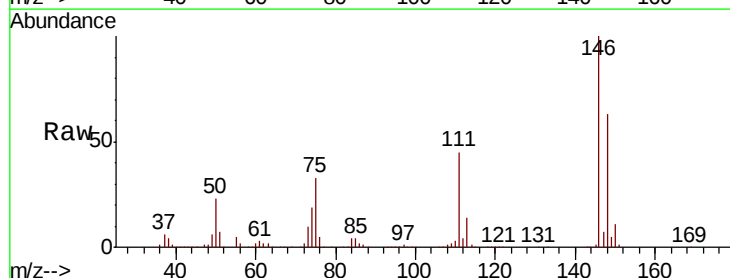
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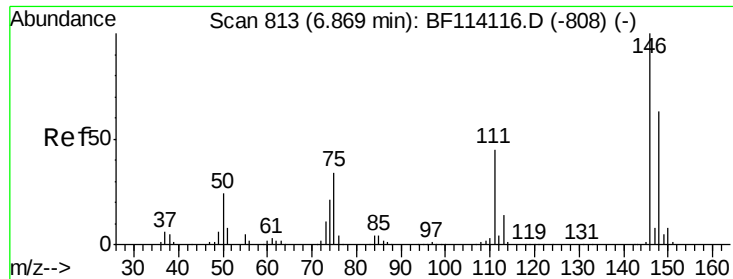
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#12
1,3-Dichlorobenzene
Concen: 35.238 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
75	33.3	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 35.757 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

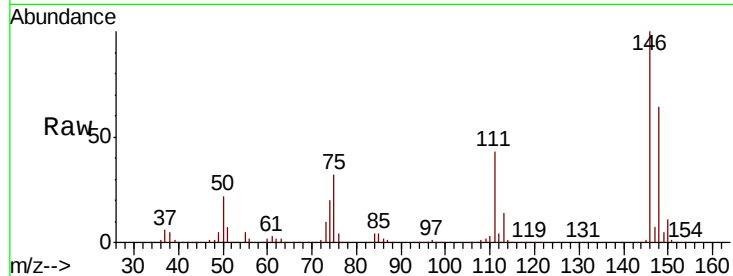
ClientSampleId :

P021-SS008-0206-01MS

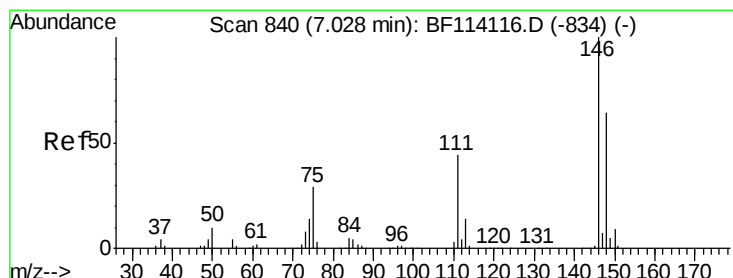
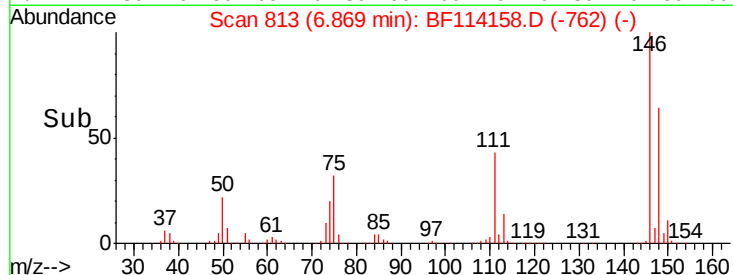
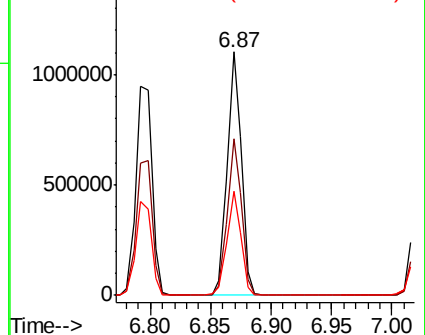
Tot Ion:	146	Resp:	893390
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.2	75.2
111	42.9	35.8	53.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.481 ng

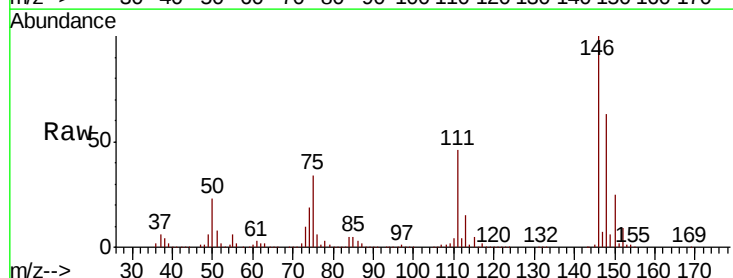
RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

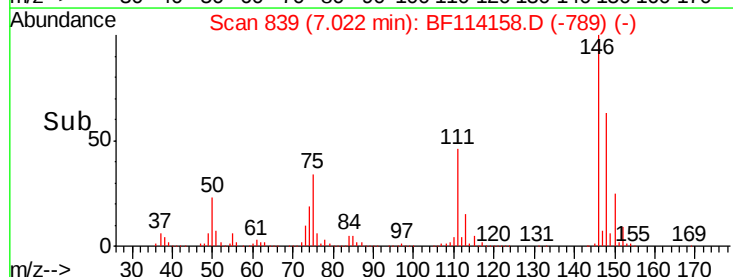
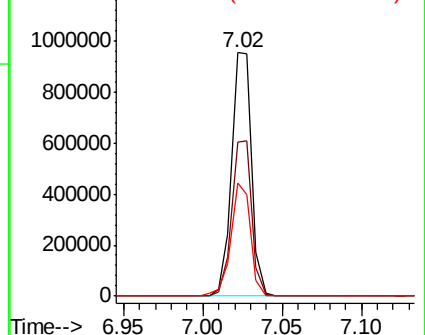
Lab File: BF114158.D

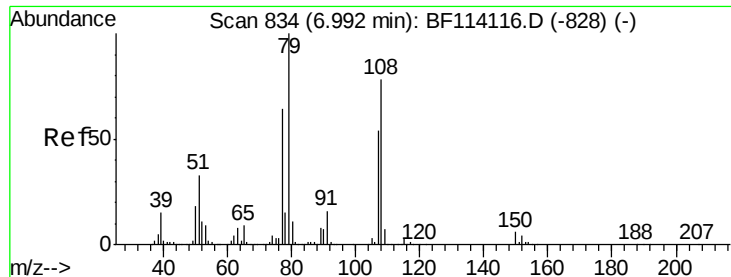
Acq: 11 May 2019 15:47

Tgt Ion:	146	Resp:	832748
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	46.2	35.3	52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.355 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

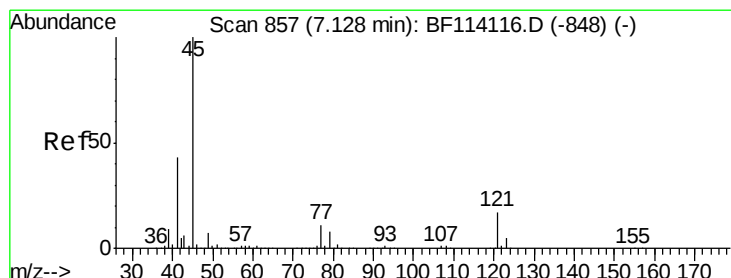
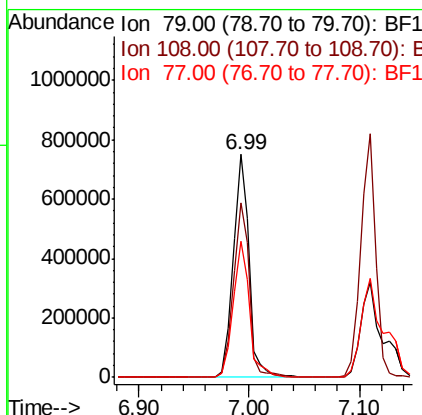
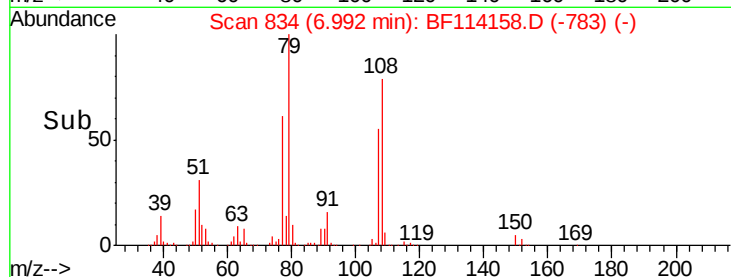
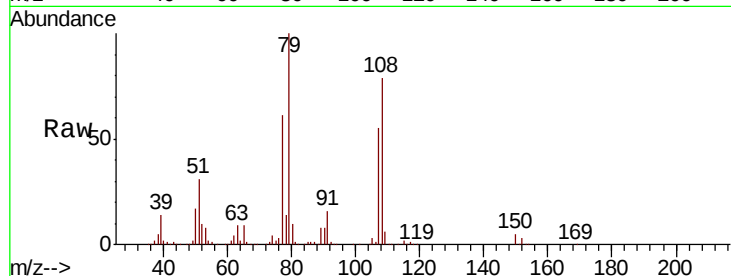
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	79	Resp:	751144
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.1	93.1
77	61.4	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.294 ng

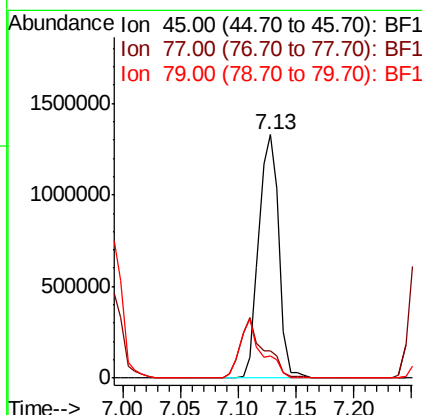
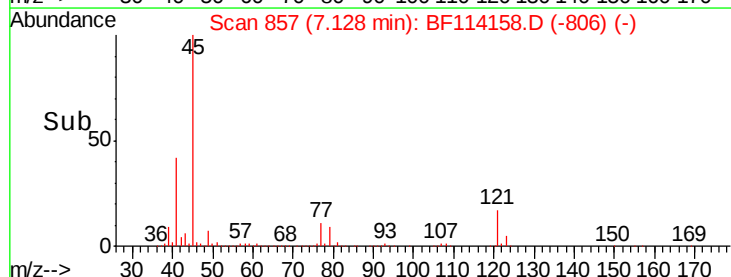
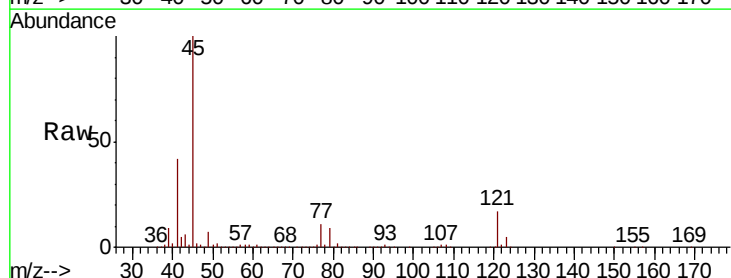
RT: 7.13 min Scan# 857

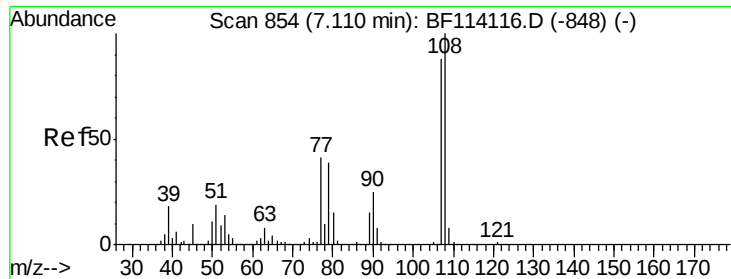
Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	45	Resp:	1622768
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	31.1
79	9.1	0.0	28.4





#17

2-Methylphenol

Concen: 37.762 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

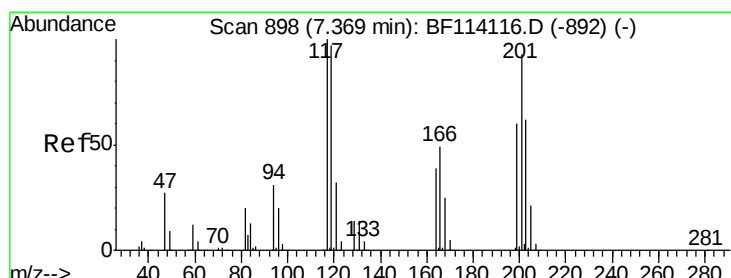
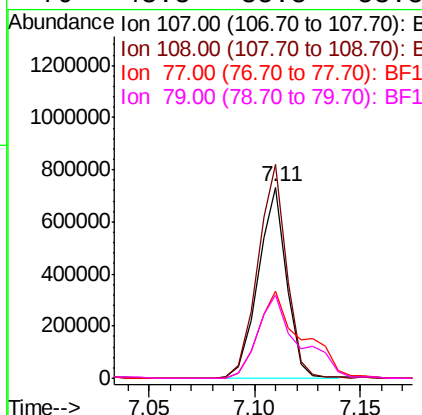
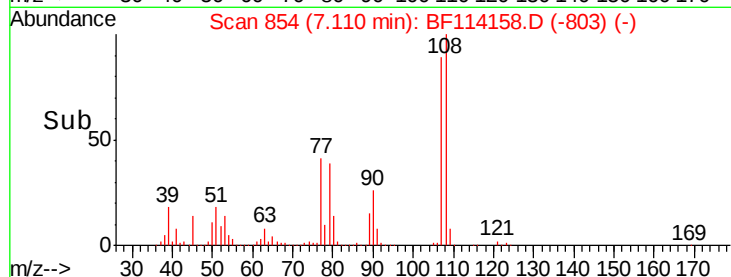
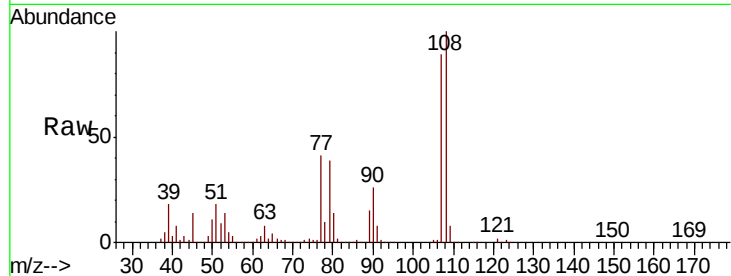
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	107	Resp:	685194
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.5	135.7
77	45.4	37.0	55.4
79	43.8	35.8	53.8

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#18

Hexachloroethane

Concen: 33.814 ng

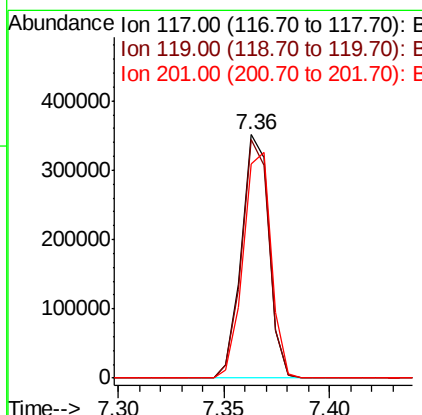
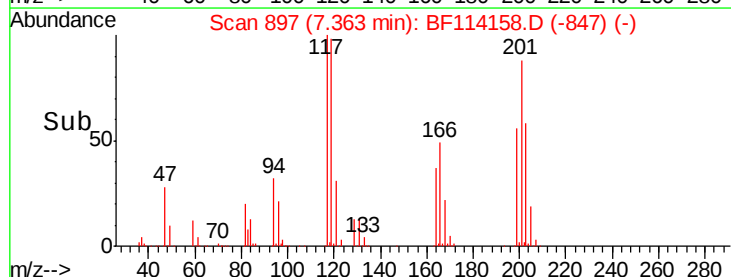
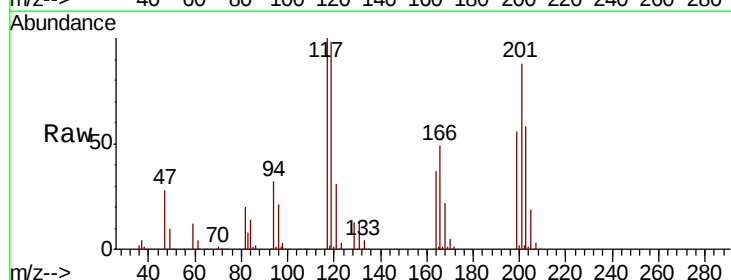
RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	117	Resp:	317127
Ion Ratio	Lower	Upper	
117	100		
119	97.8	77.4	116.2
201	88.1	74.5	111.7





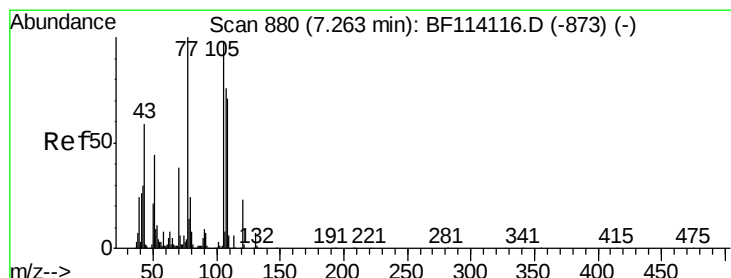
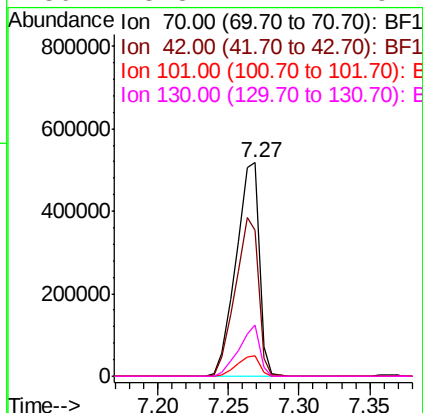
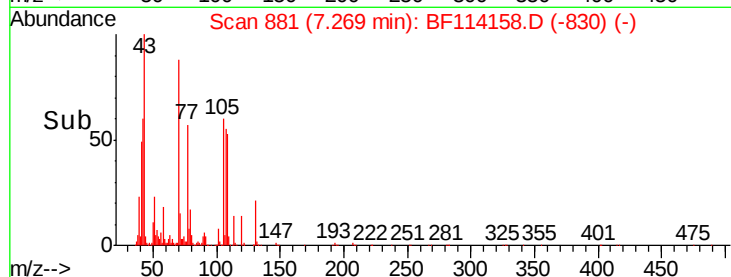
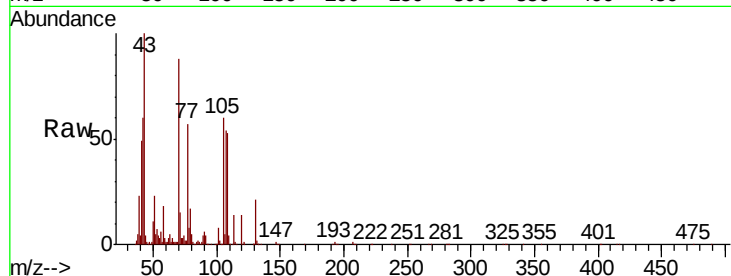
#19
n-Nitroso-di-n-propylamine
Concen: 38.286 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	58.6	87.8
101	9.6	7.8	11.8
130	23.8	17.1	25.7

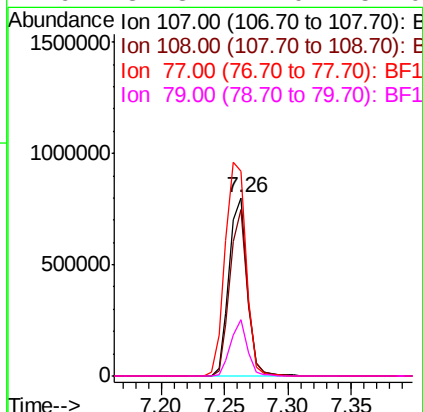
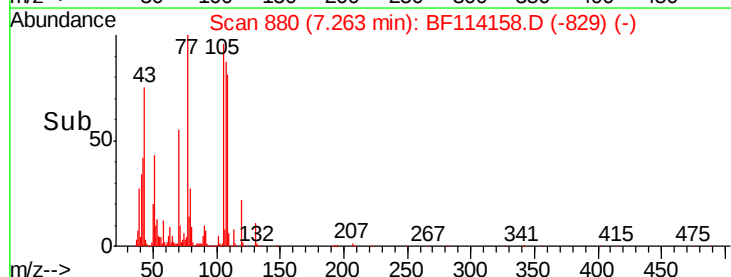
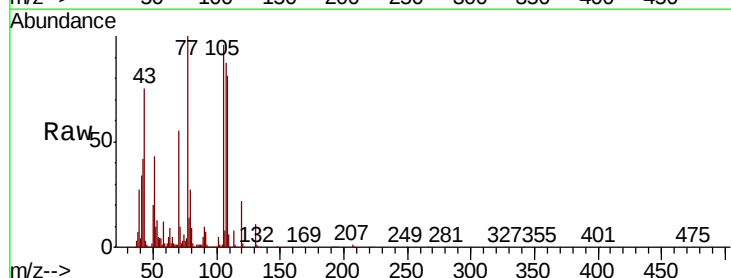
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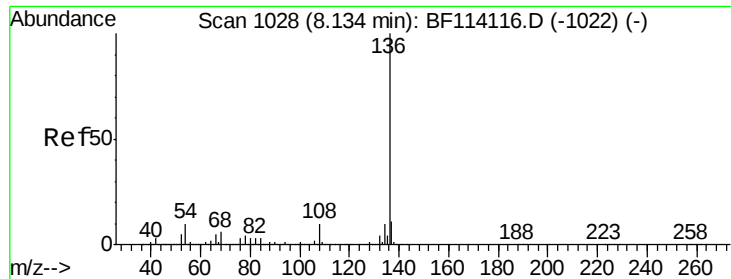
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#20
3+4-Methylphenols
Concen: 37.651 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	73.8	113.8
77	115.0	111.5	151.5
79	31.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:136 Resp: 1282523

Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

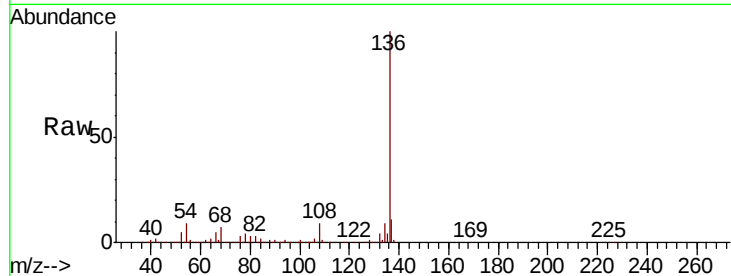
54 9.4 7.8 11.8

68 6.7 5.1 7.7

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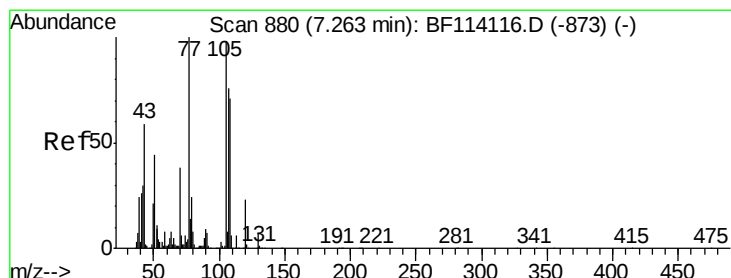
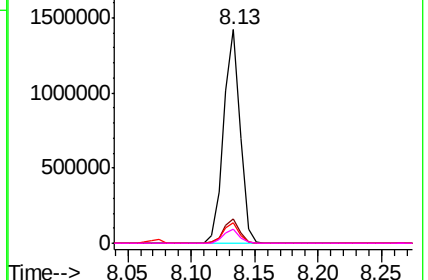
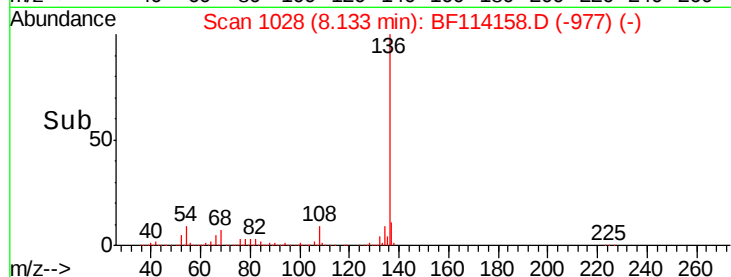


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.255 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:105 Resp: 1115325

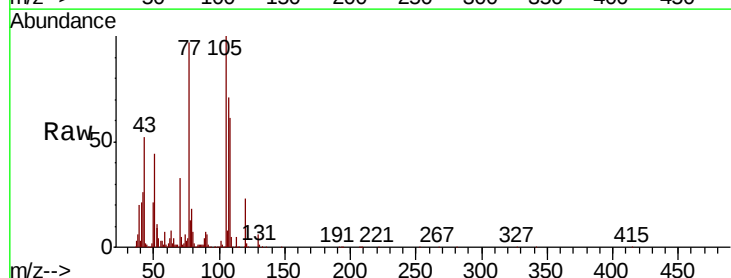
Ion Ratio Lower Upper

105 100

71 5.5 5.3 7.9

51 43.6 36.2 54.4

120 23.0 18.6 28.0

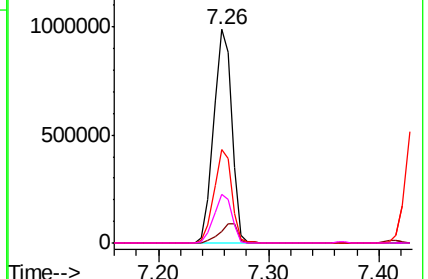
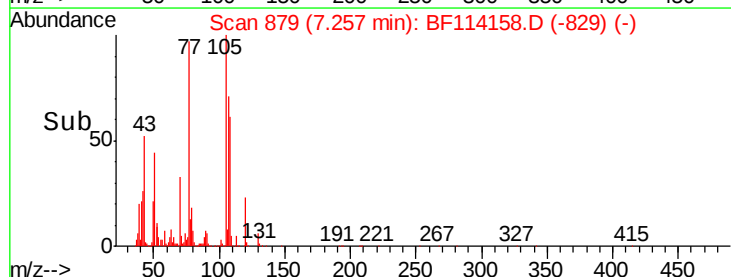


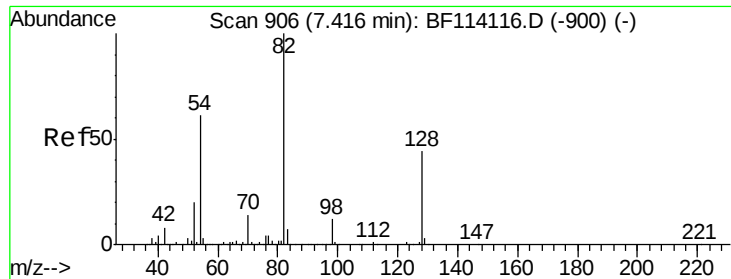
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





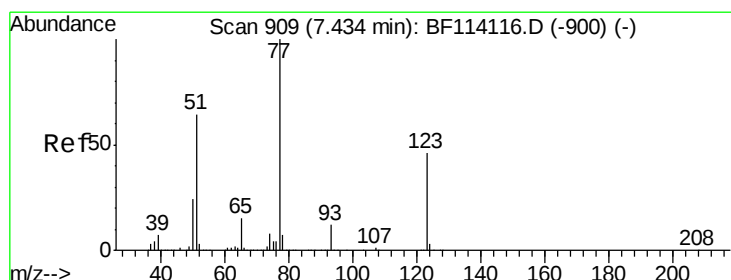
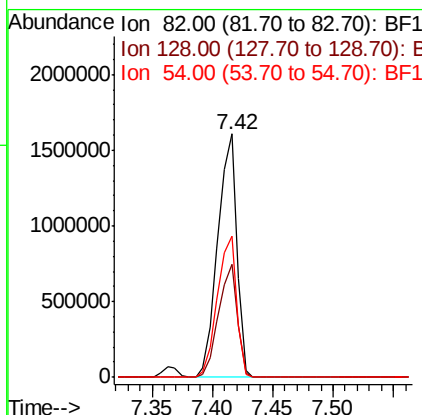
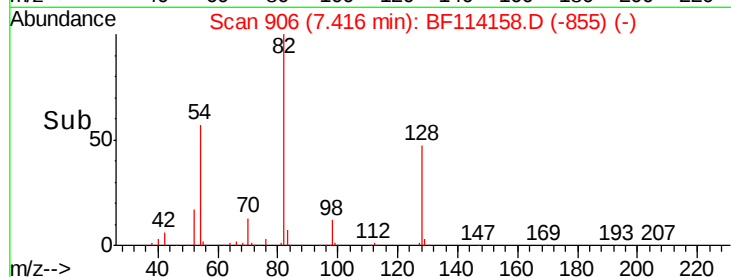
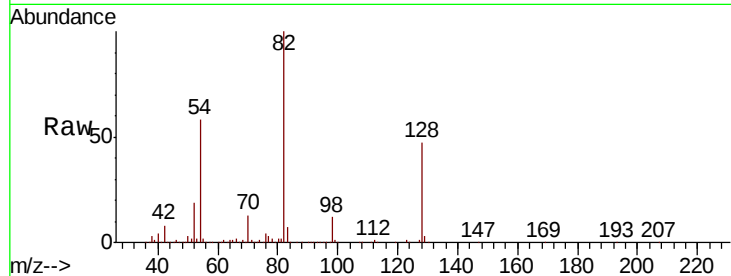
#23
 Nitrobenzene-d5
 Concen: 76.022 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.5	53.3
54	58.2	48.5	72.7

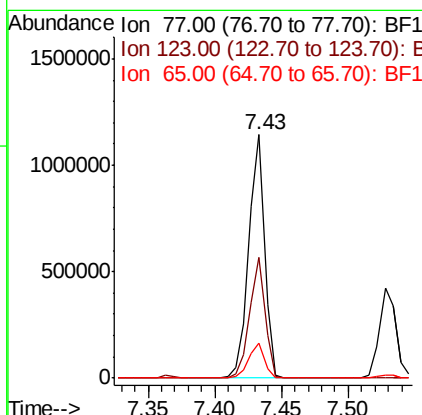
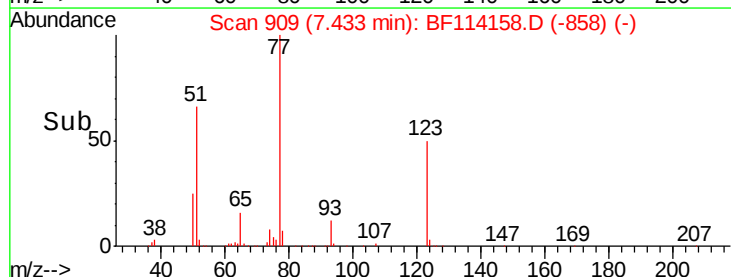
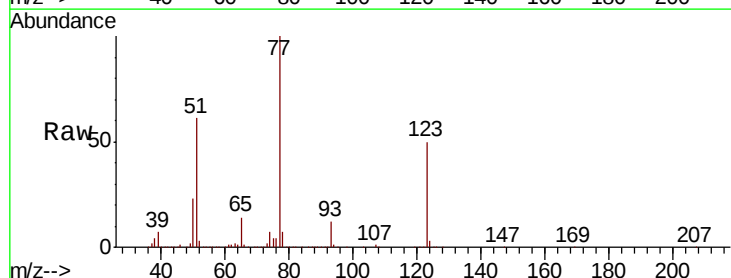
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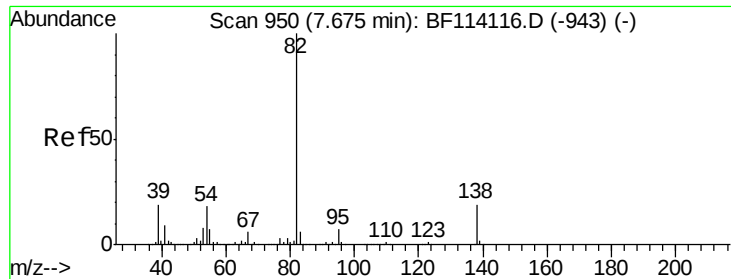
Sohil
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#24
 Nitrobenzene
 Concen: 39.840 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	36.9	55.3
65	14.4	11.8	17.6





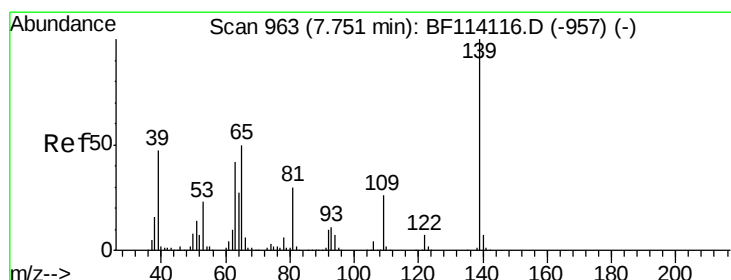
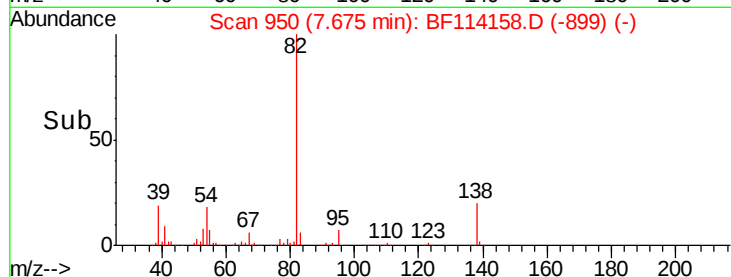
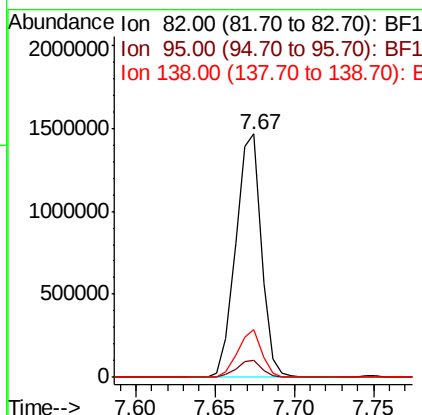
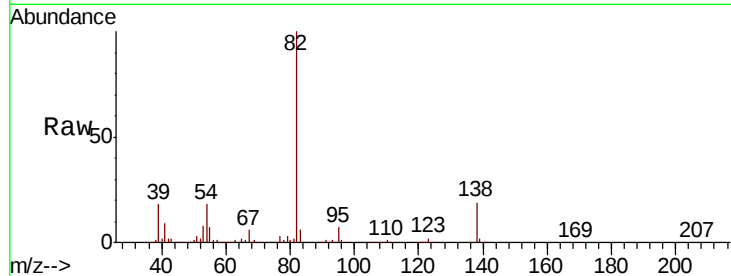
#25
Isophorone
Concen: 38.660 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.4	14.8	22.2

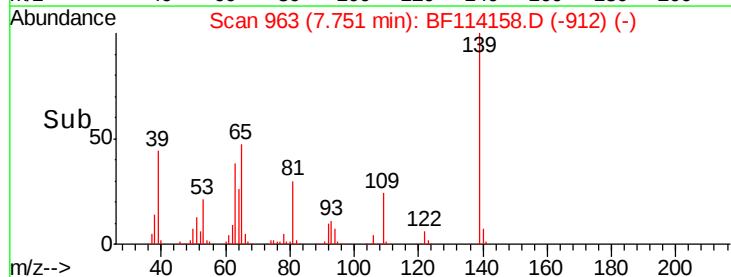
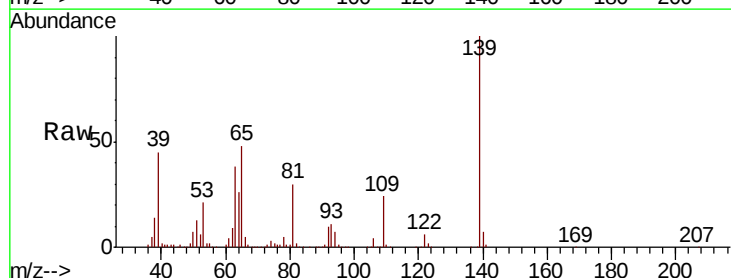
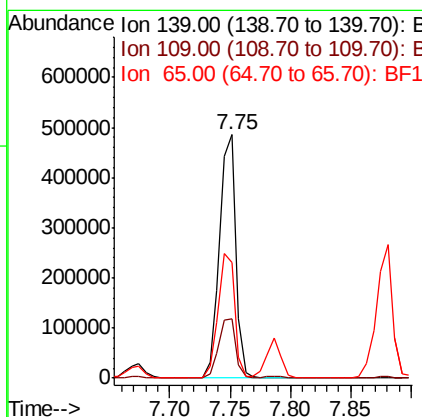
Manual Integrations
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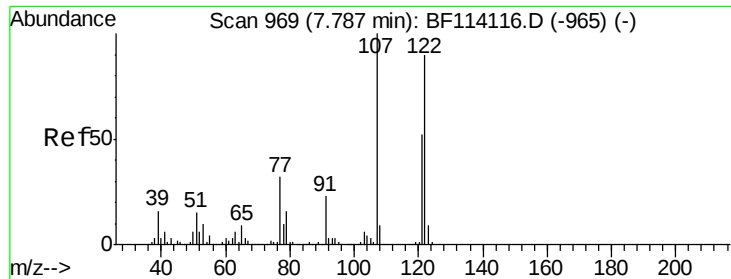
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#26
2-Nitrophenol
Concen: 39.892 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.2	20.7	31.1
65	47.5	40.2	60.2





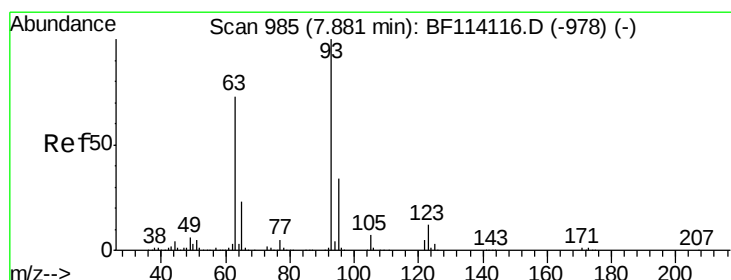
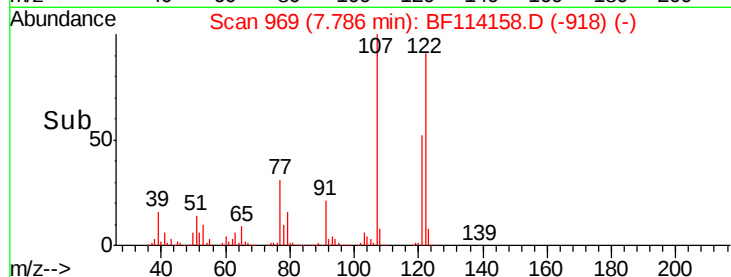
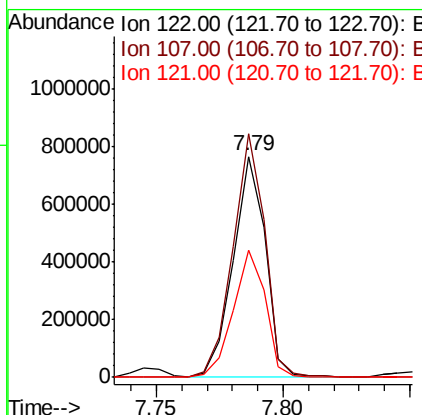
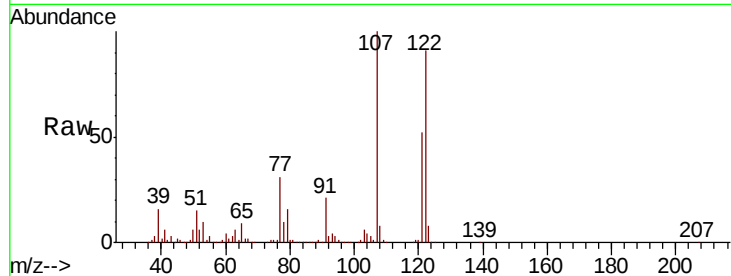
#27
2,4-Dimethylphenol
Concen: 38.146 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	676572		
107	110.1		88.4	132.6
121	57.7		45.9	68.9

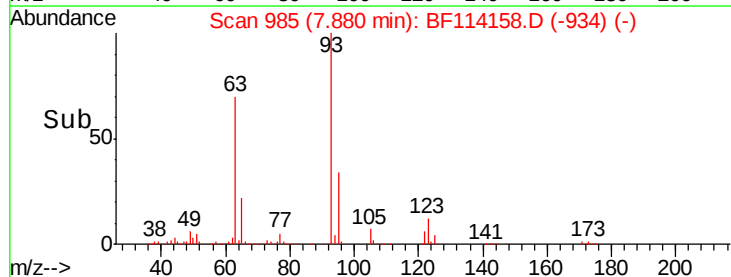
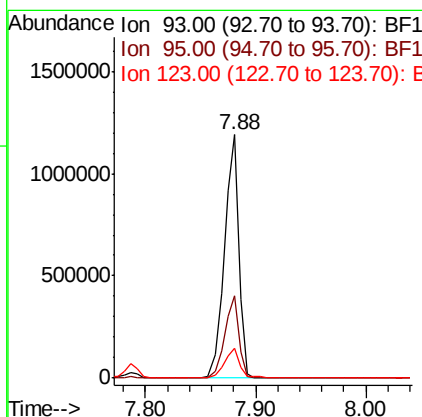
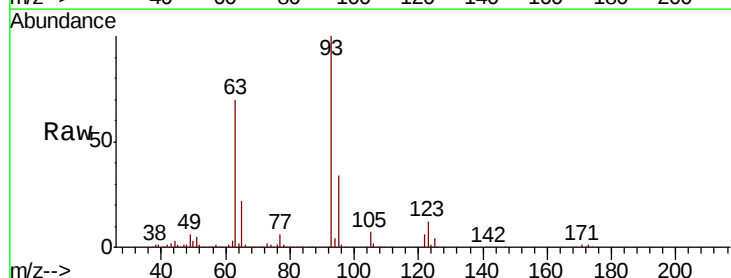
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 39.362 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1082457		
95	33.6		26.8	40.2
123	12.2		9.5	14.3





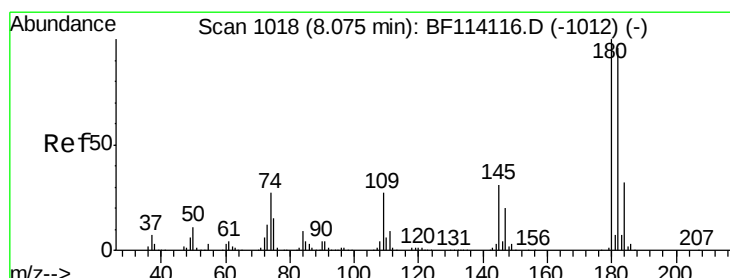
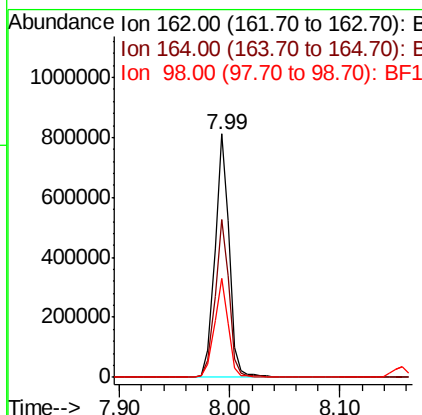
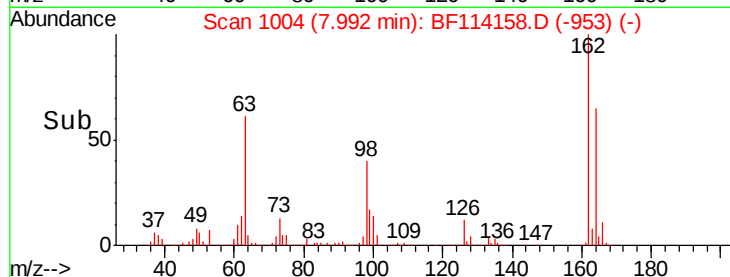
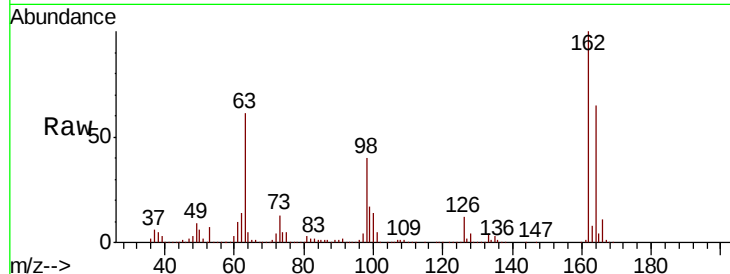
#29
2,4-Dichlorophenol
Concen: 40.514 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	715512		
164	64.7	43.6	83.6	
98	40.4	20.6	60.6	

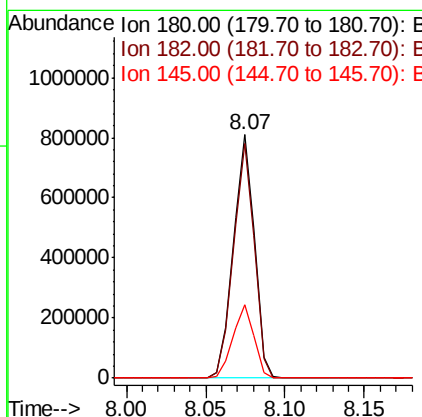
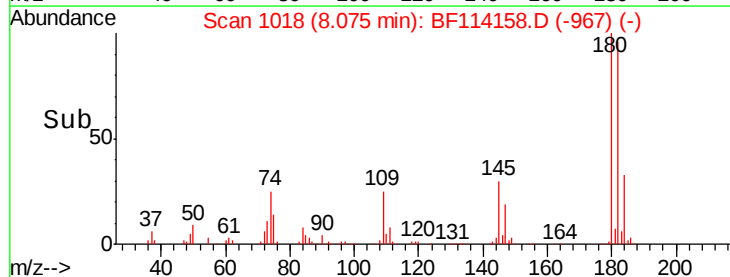
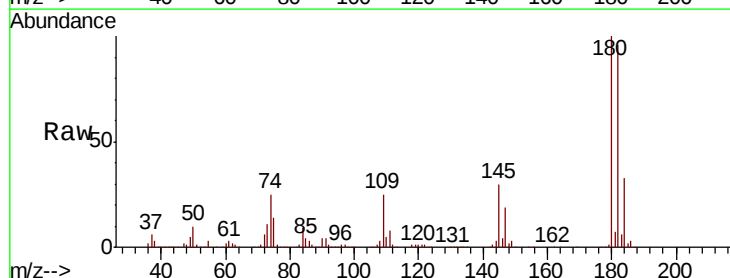
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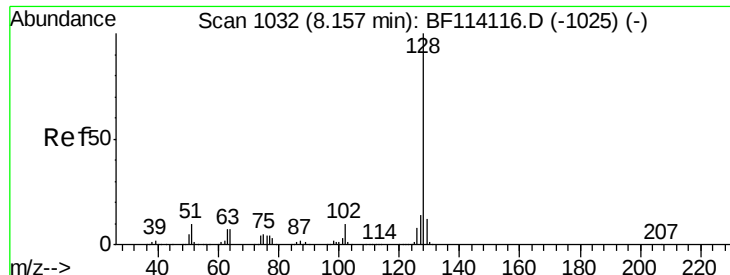
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#30
1,2,4-Trichlorobenzene
Concen: 37.117 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	745416		
182	96.3	76.6	114.8	
145	30.2	25.1	37.7	





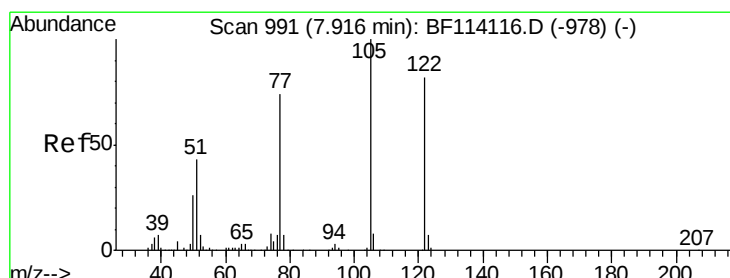
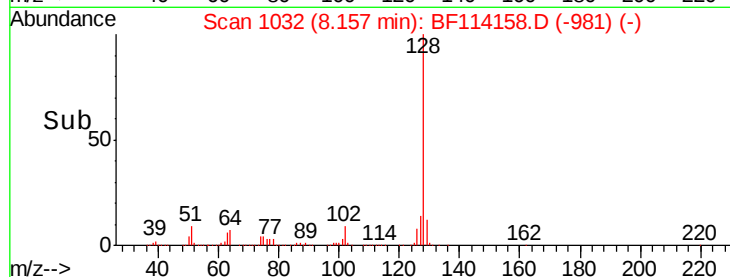
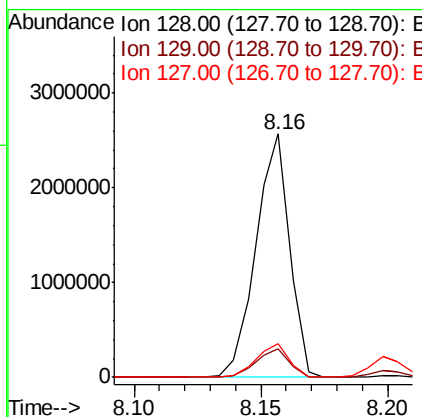
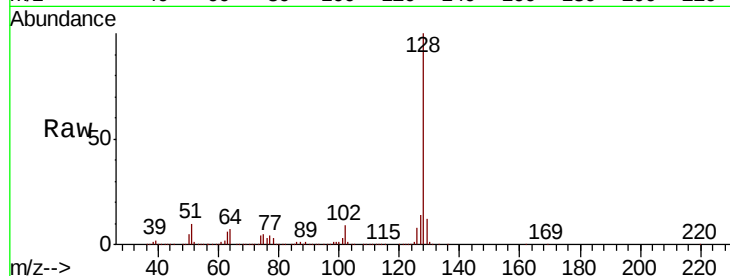
#31
Naphthalene
Concen: 39.512 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.0	11.3	16.9

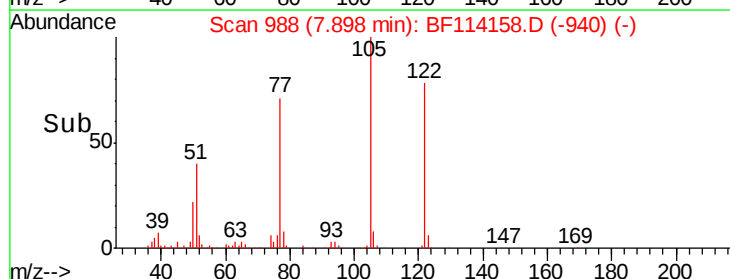
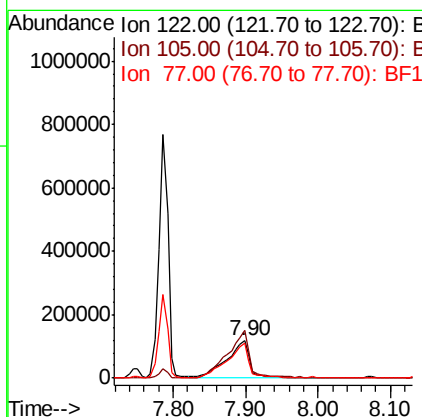
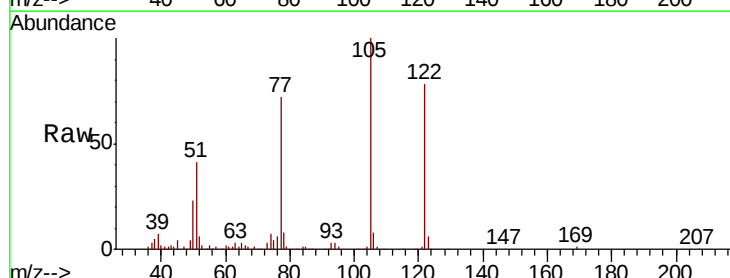
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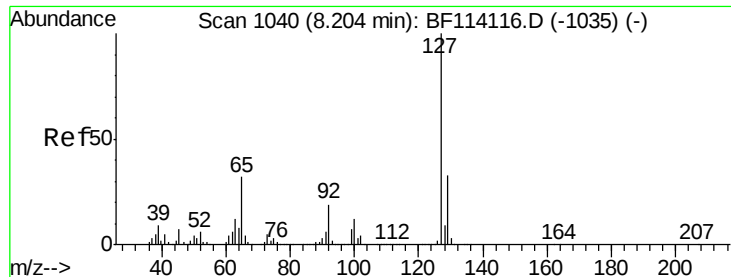
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#32
Benzoic acid
Concen: 24.827 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	99.9	139.9
77	92.2	69.4	109.4





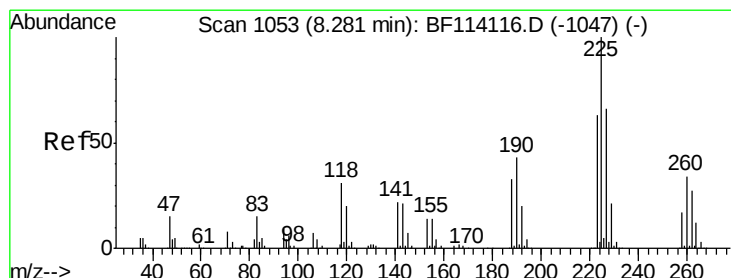
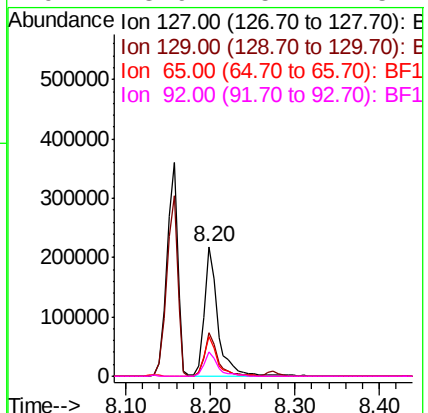
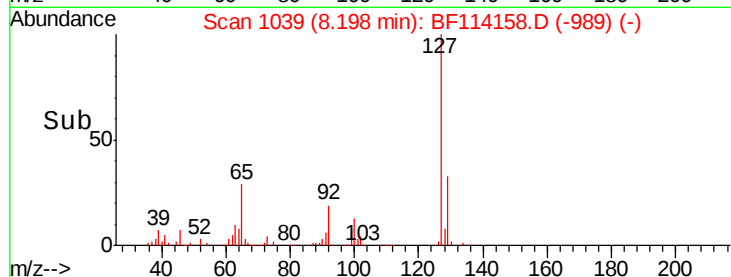
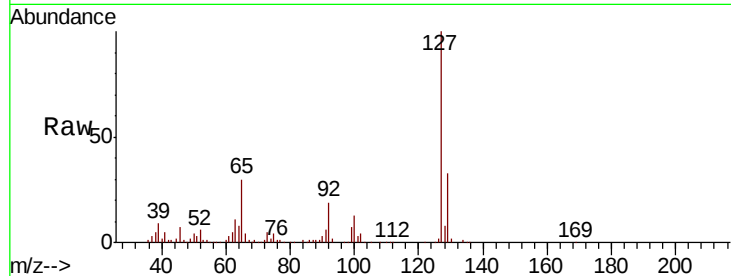
#33
4-Chloroaniline
Concen: 8.931 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.7	40.1		
65	30.4	25.4	38.0		
92	18.9	15.4	23.2		

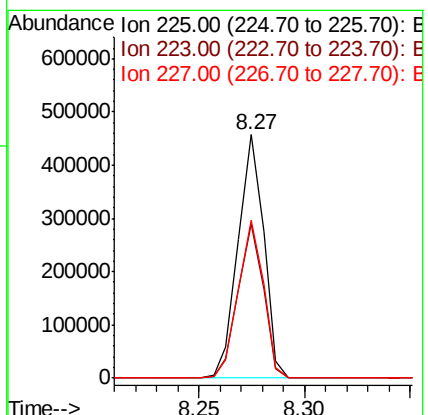
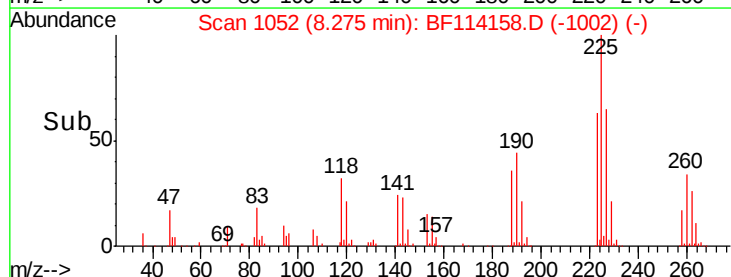
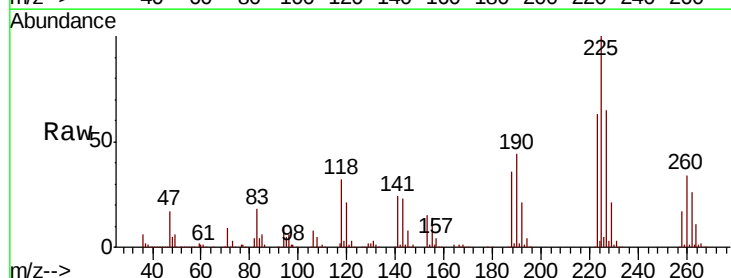
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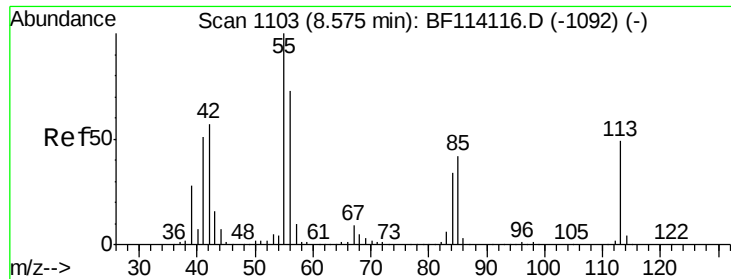
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#34
Hexachlorobutadiene
Concen: 33.631 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.2	75.2		
227	64.8	52.6	79.0		





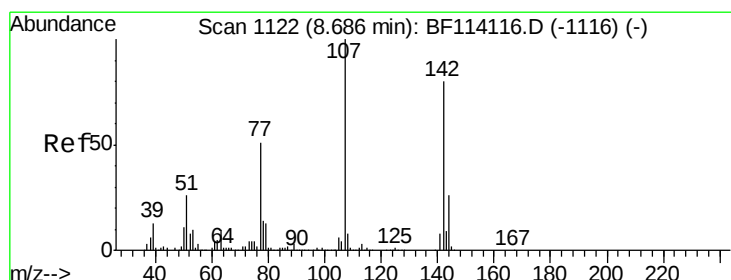
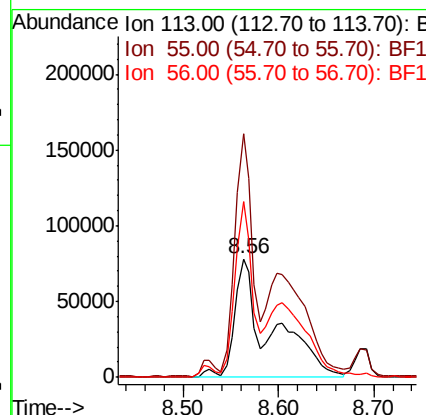
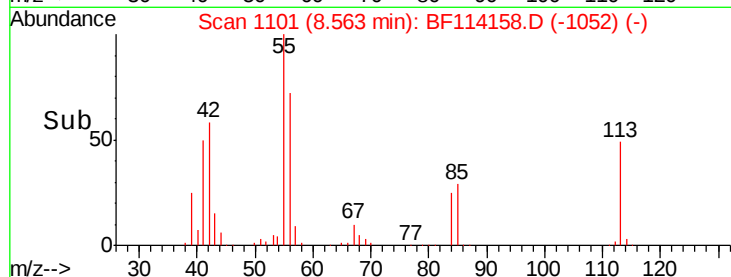
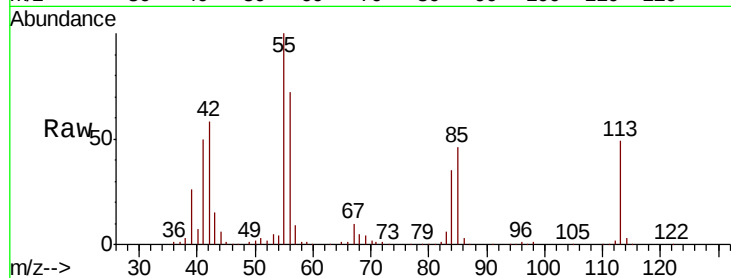
#35
Caprolactam
Concen: 36.200 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.4	183.5	223.5
56	148.1	128.8	168.8

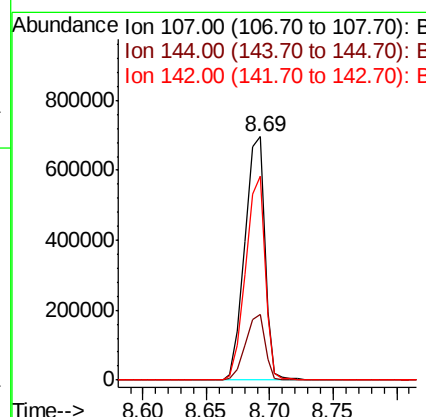
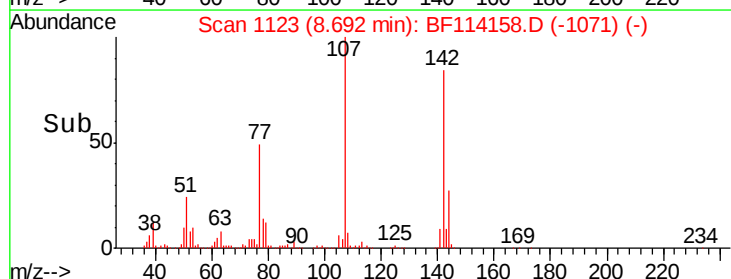
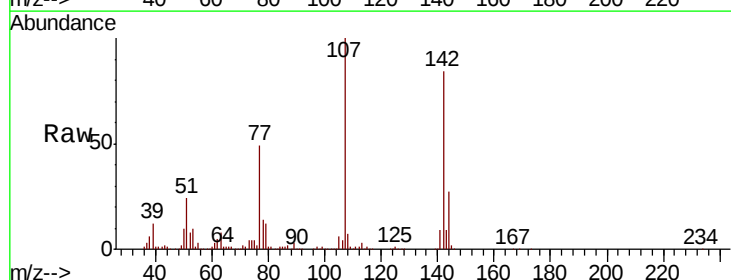
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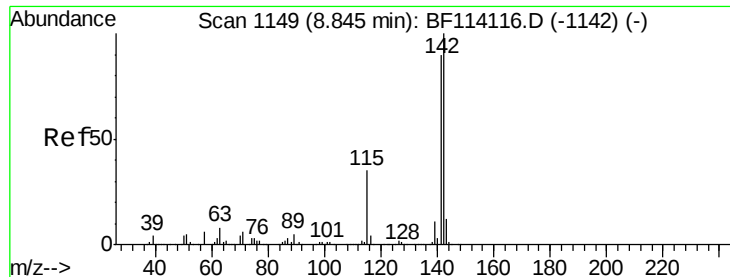
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#36
4-Chloro-3-methylphenol
Concen: 42.882 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.4	30.6
142	83.8	64.2	96.4





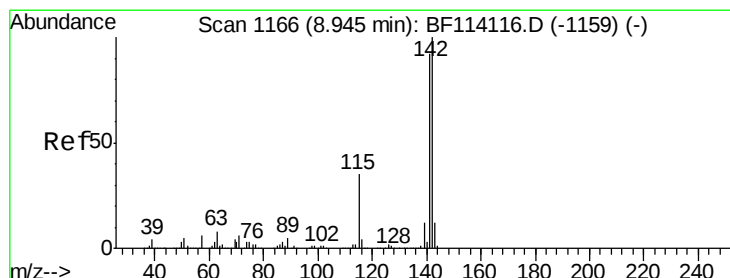
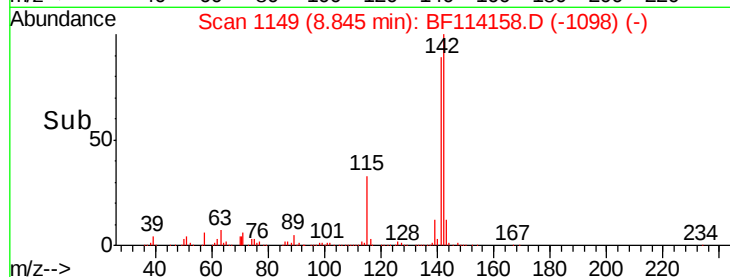
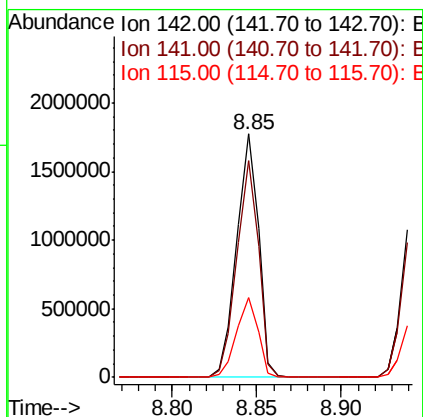
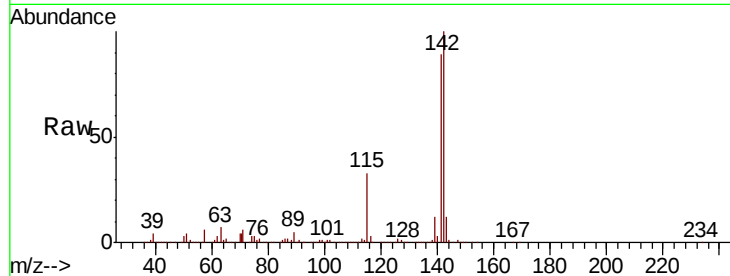
#37
2-Methylnaphthalene
Concen: 41.338 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1
115	32.8	28.0	42.0

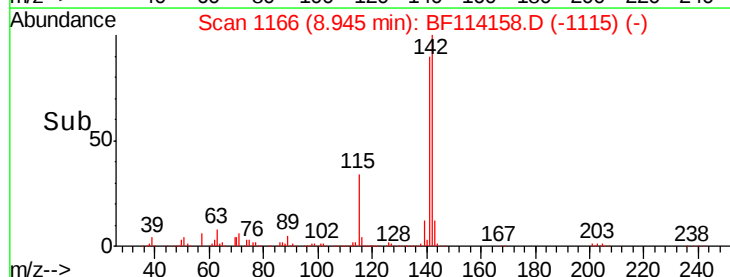
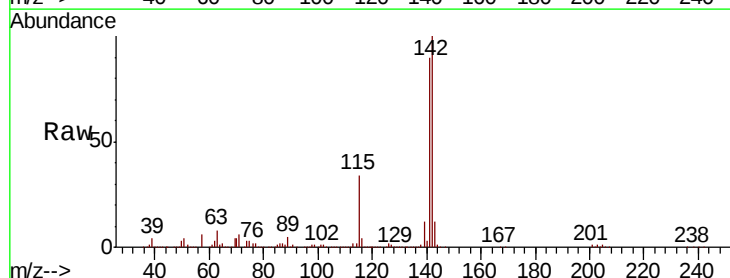
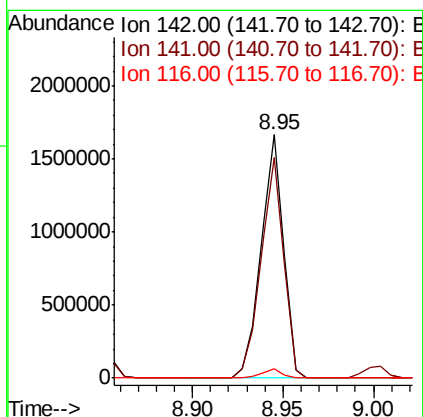
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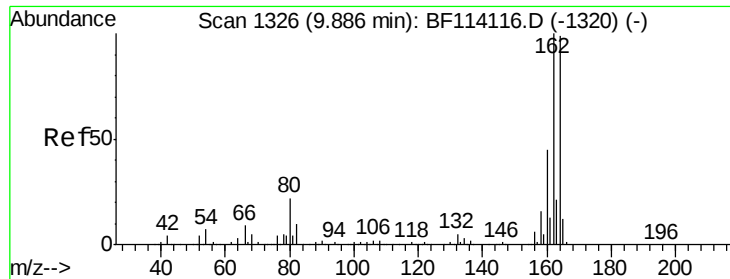
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#38
1-Methylnaphthalene
Concen: 39.355 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.4	110.0
116	3.7	3.1	4.7





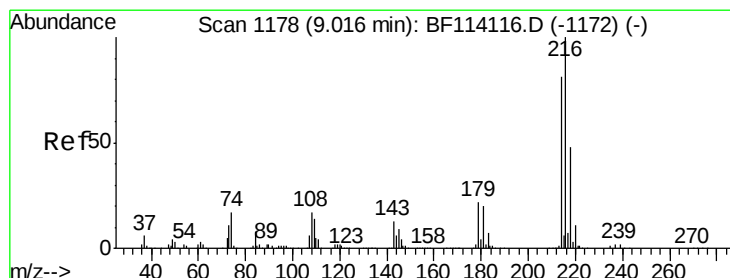
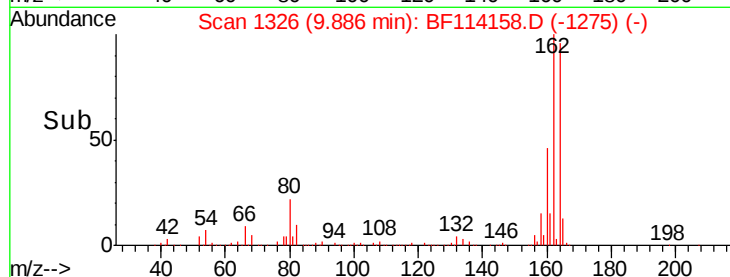
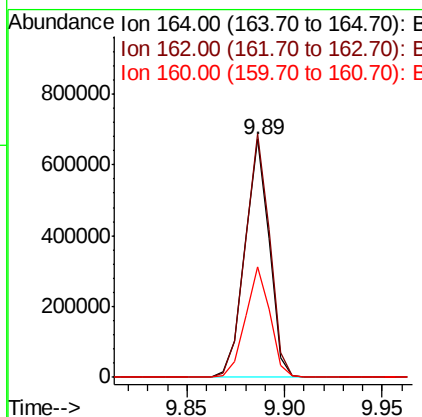
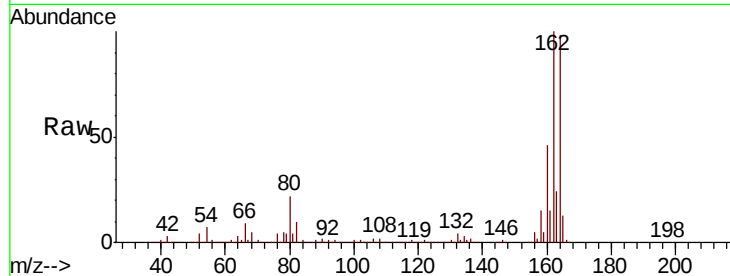
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	80.6	120.8	
160	46.6	36.5	54.7	

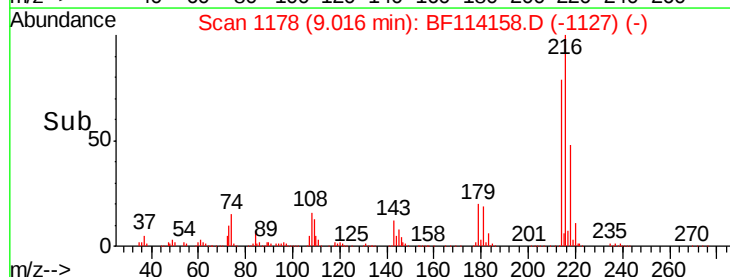
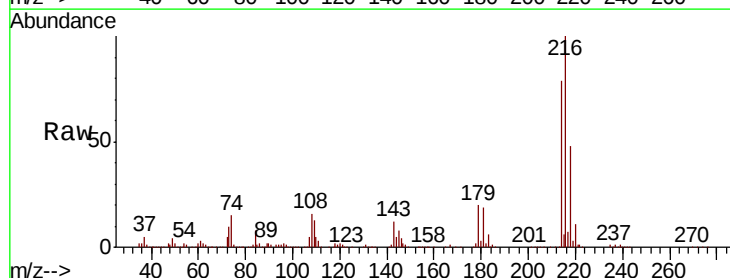
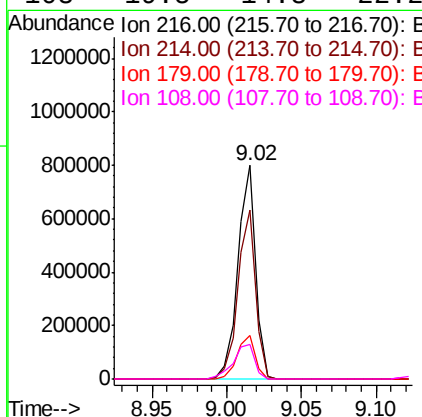
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.842 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.9	95.9	
179	20.8	17.0	25.6	
108	19.5	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 67.773 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

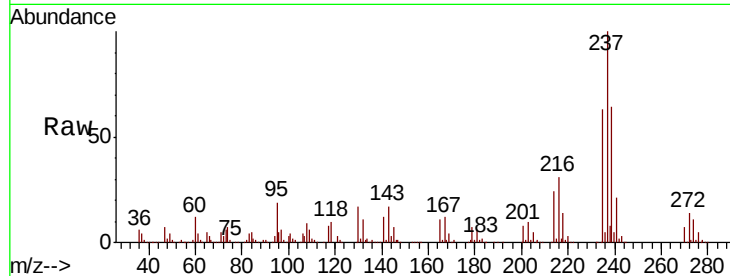
ClientSampleId :

P021-SS008-0206-01MS

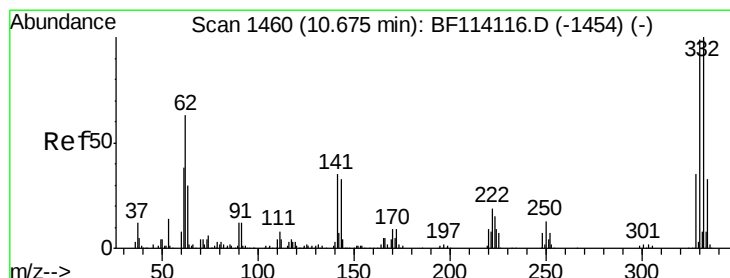
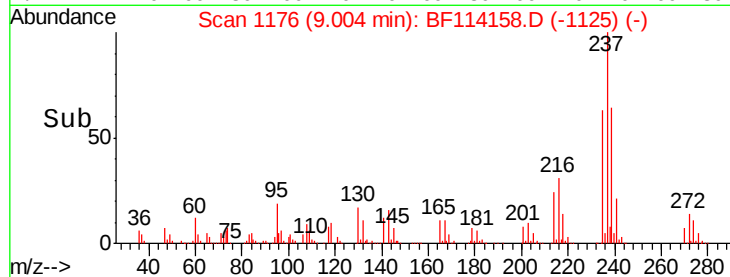
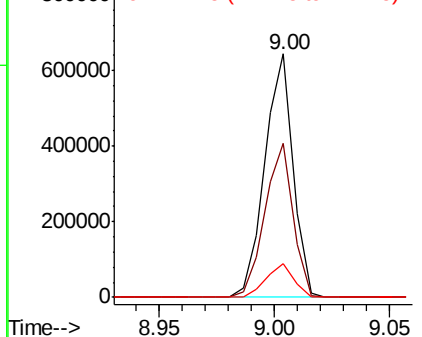
Tot Ion:	237	Resp:	548256
Ion Ratio		Lower	Upper
237	100		
235	63.0	42.0	82.0
272	13.6	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.786 ng

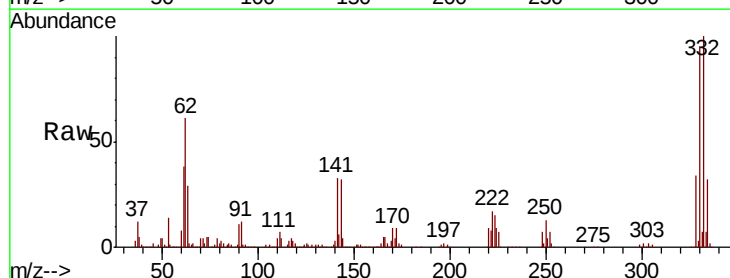
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

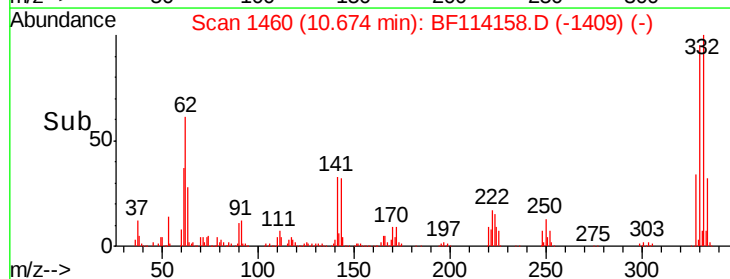
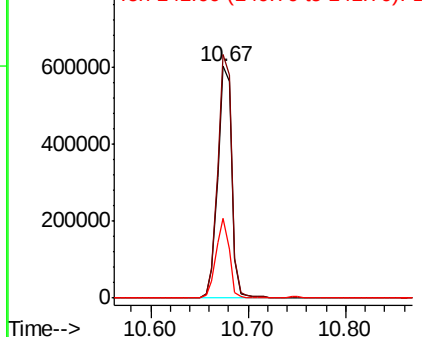
Lab File: BF114158.D

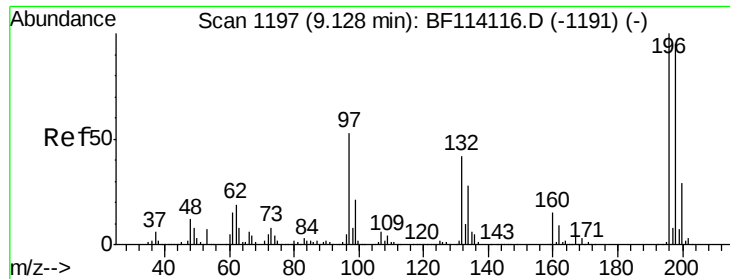
Acq: 11 May 2019 15:47

Tgt Ion:	330	Resp:	603486
Ion Ratio		Lower	Upper
330	100		
332	104.3	81.4	122.2
141	32.4	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





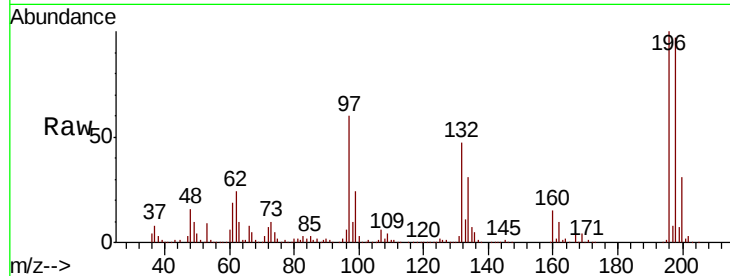
#43
2,4,6-Trichlorophenol
Concen: 38.942 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	469950		
198	96.5	75.9	113.9	
200	31.0	23.5	35.3	

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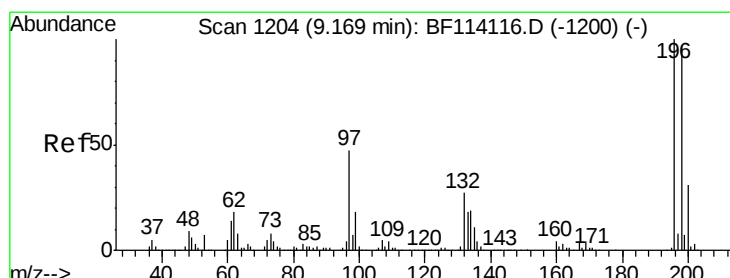
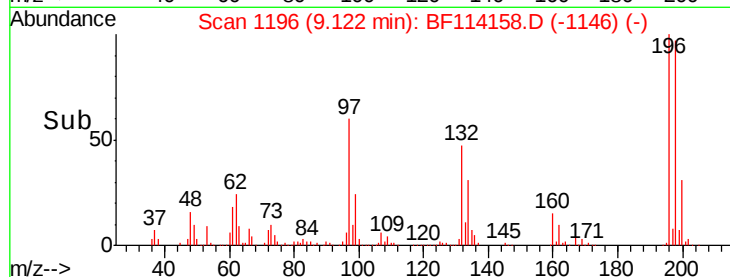
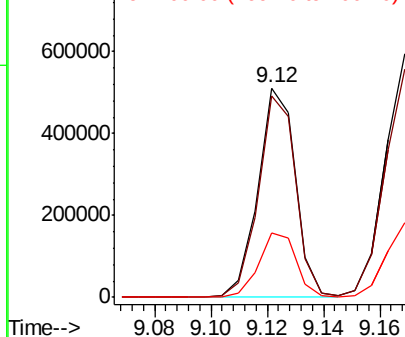


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 41.230 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	510267		
198	93.8	77.7	116.5	
97	48.6	38.2	57.2	
132	28.3	21.4	32.2	

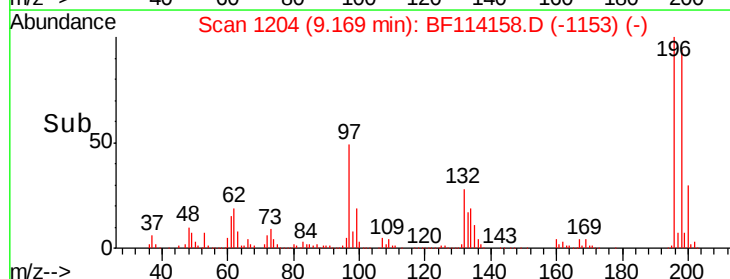
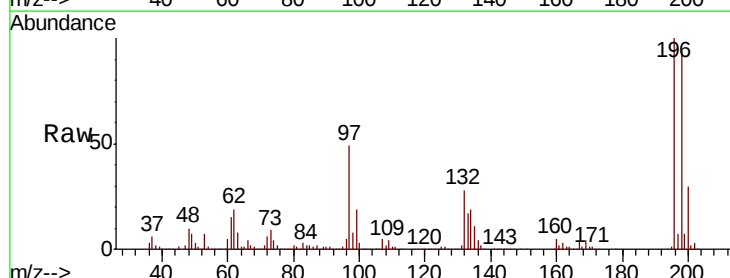
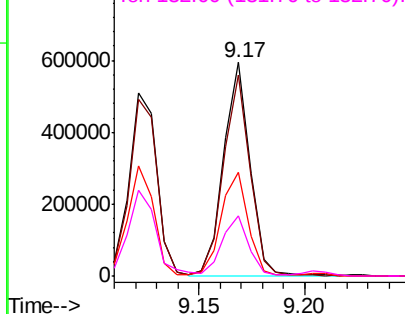
Abundance

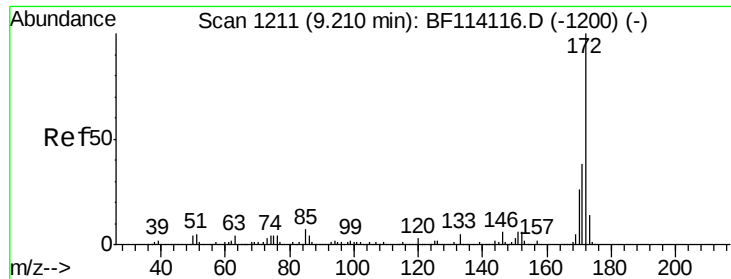
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





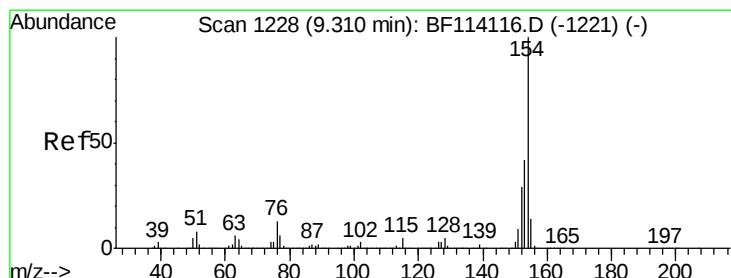
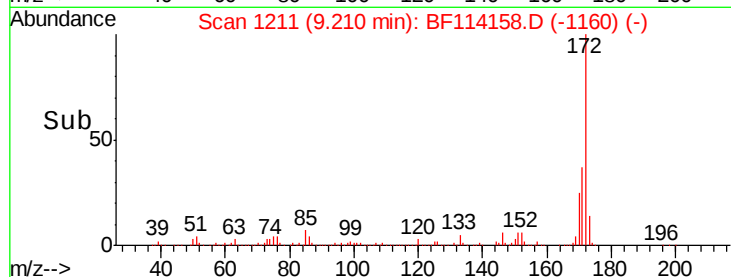
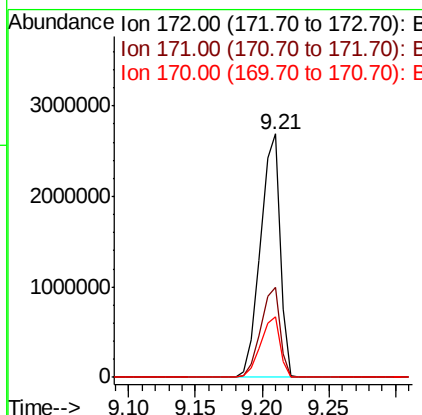
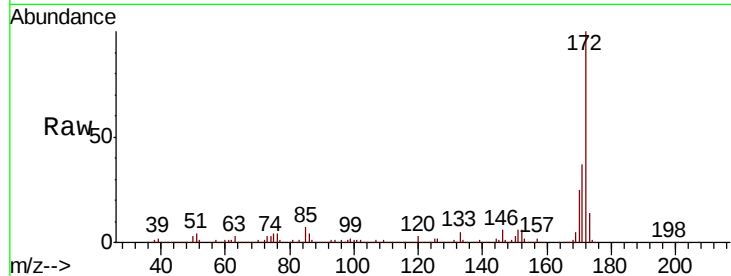
#45
2-Fluorobiphenyl
Concen: 70.694 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	24.8	20.5	30.7

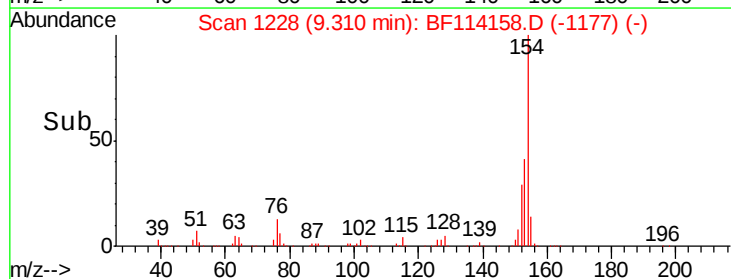
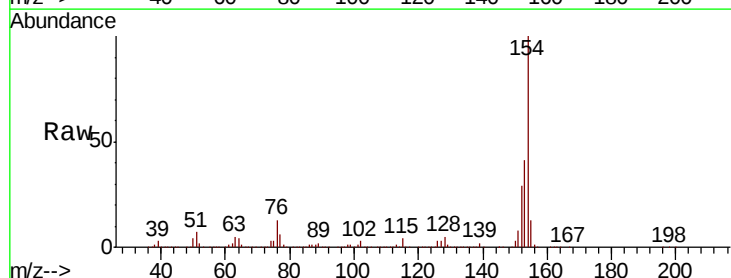
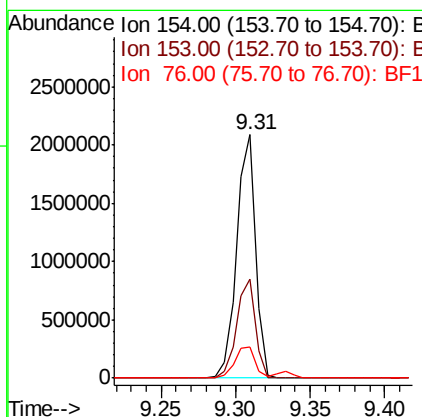
Manual Integrations
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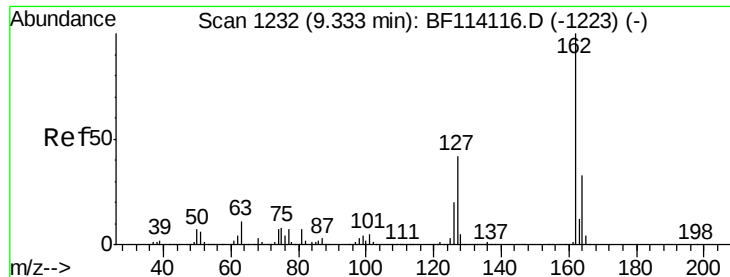
Sohil
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#46
1,1'-Biphenyl
Concen: 39.540 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.9	61.9
76	12.7	0.0	32.8





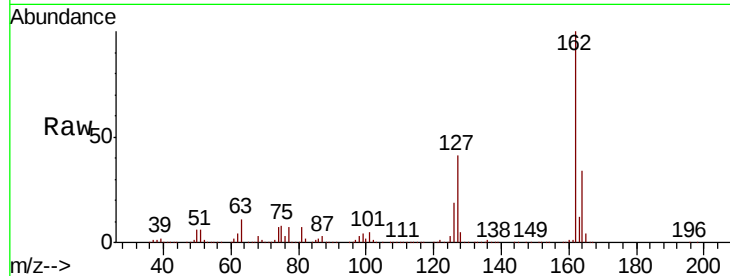
#47
 2-Chloronaphthalene
 Concen: 38.390 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

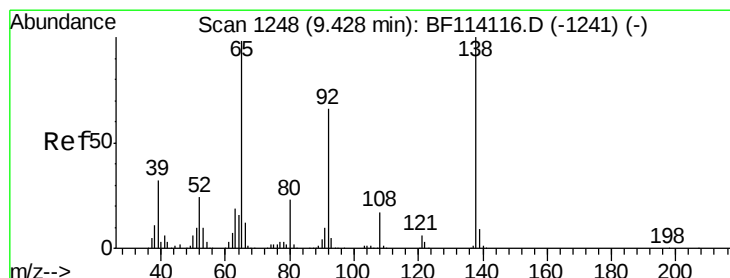
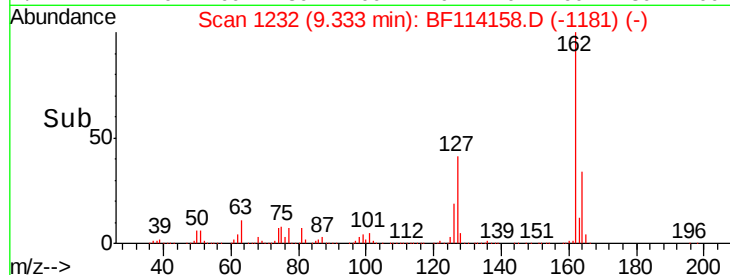
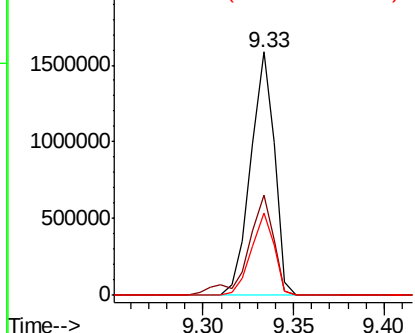
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.9	26.7	40.1

Manual Integrations
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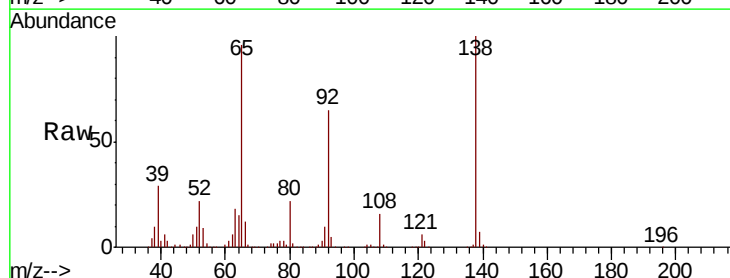


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

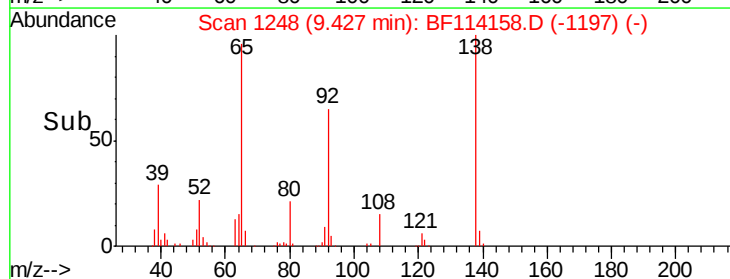
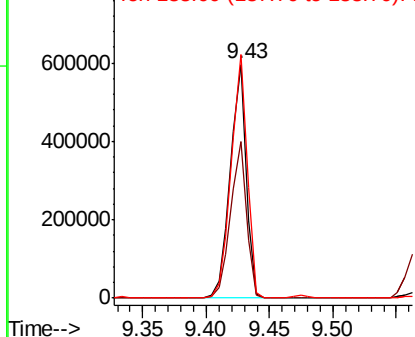


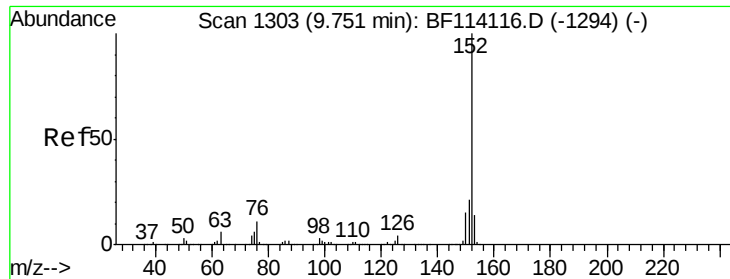
#48
 2-Nitroaniline
 Concen: 38.827 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.9	80.9
138	104.0	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





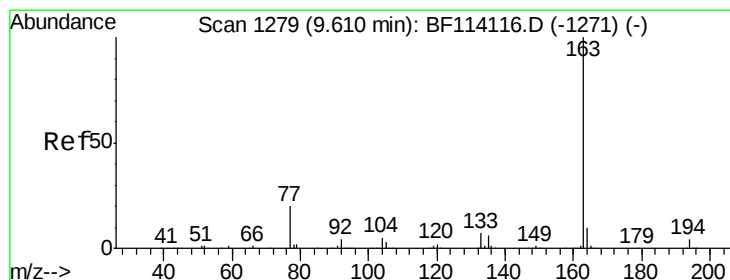
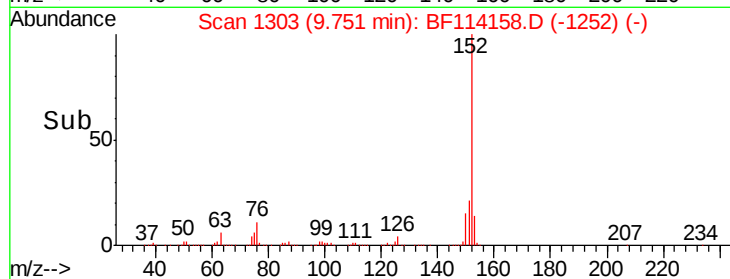
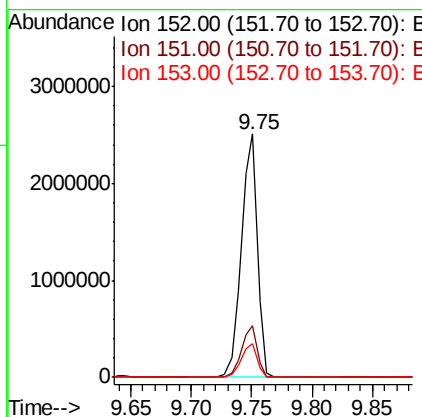
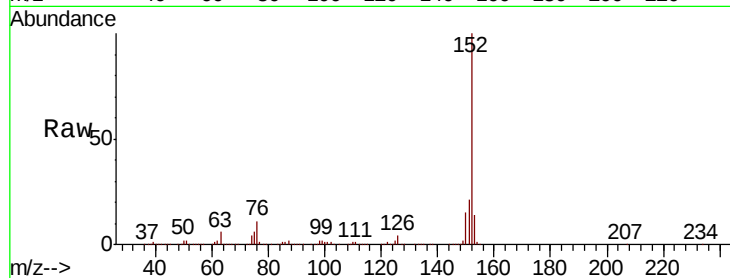
#49
Acenaphthylene
Concen: 40.494 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.9	11.4	17.2

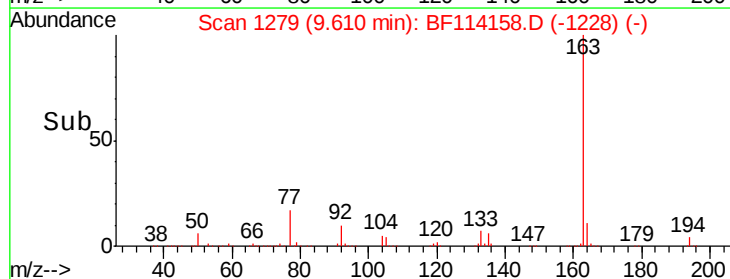
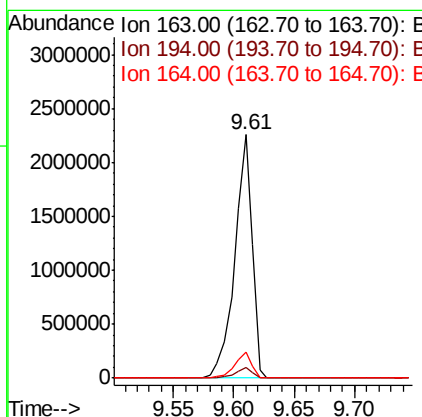
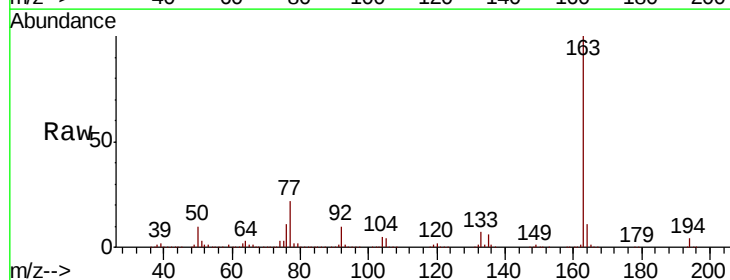
Manual Integrations
APPROVED

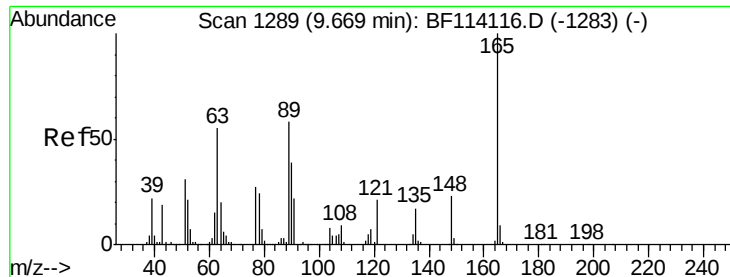
Sohil
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#50
Dimethylphthalate
Concen: 53.184 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.9	8.2	12.2





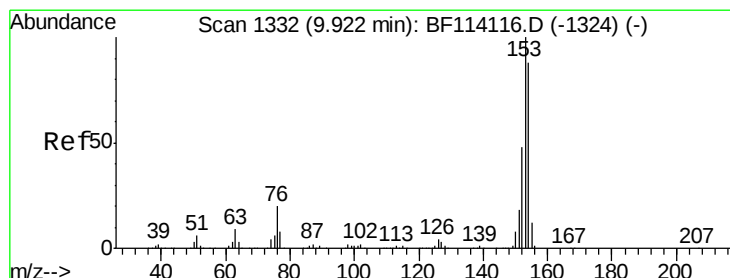
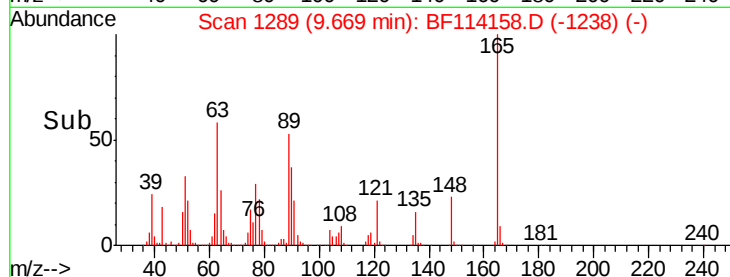
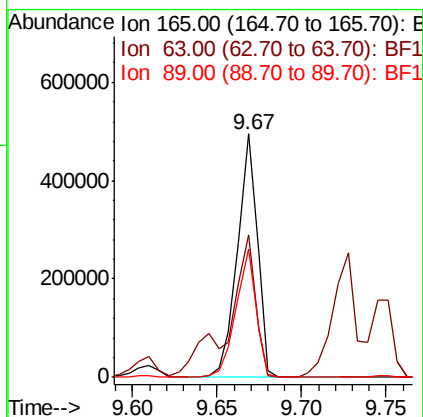
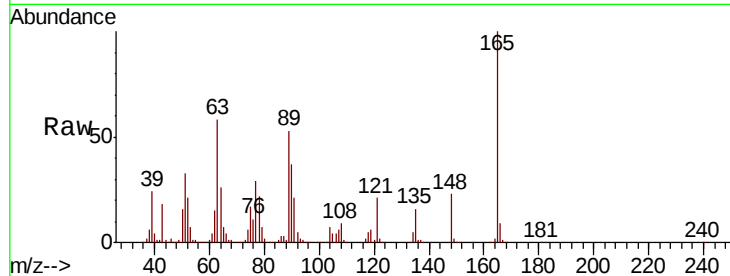
#51
2,6-Dinitrotoluene
Concen: 43.103 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	406475		
63	58.3	50.2	75.4	
89	52.8	46.6	69.8	

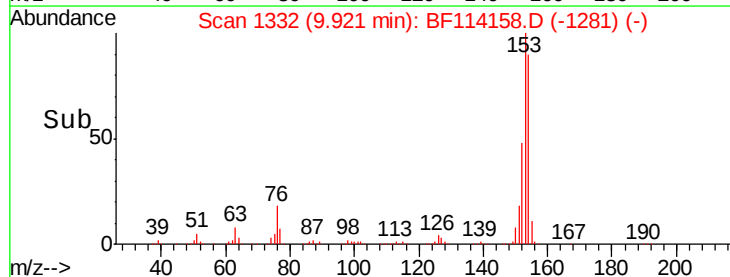
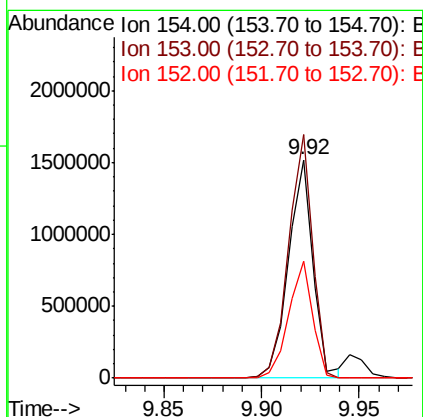
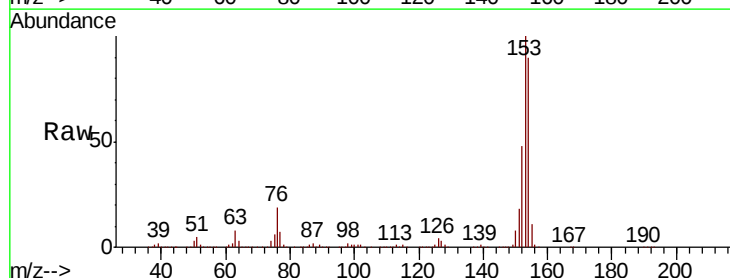
Manual Integrations
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#52
Acenaphthene
Concen: 37.761 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1327113		
153	111.4	90.5	135.7	
152	53.7	43.4	65.2	





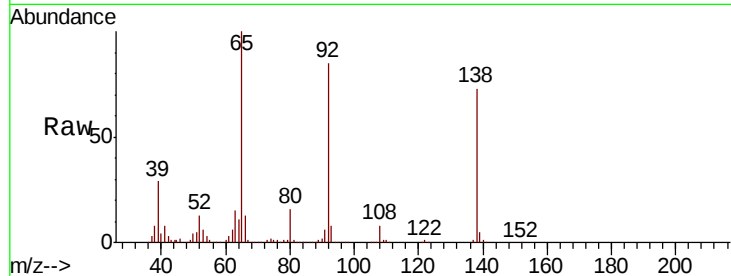
#53
3-Nitroaniline
Concen: 20.813 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.6
92	115.7	91.2	136.8

Manual Integrations
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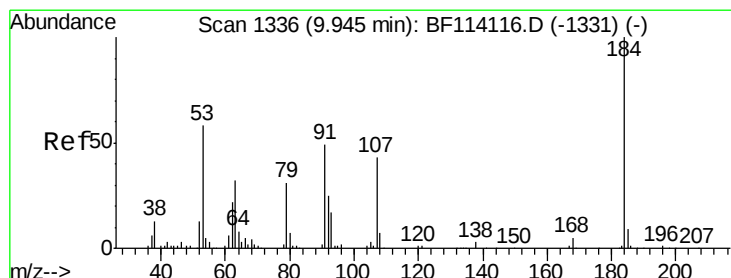
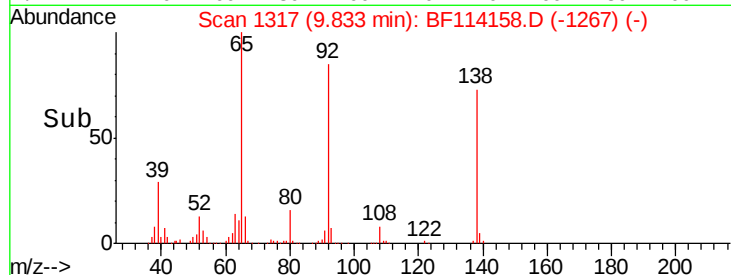
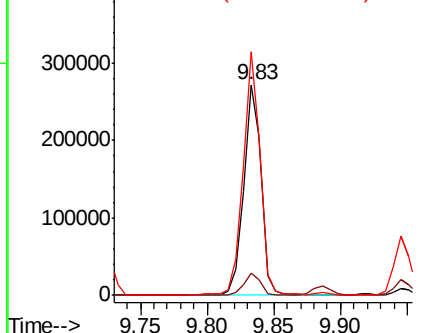


Abundance

Ion 138.00 (137.70 to 138.70): E

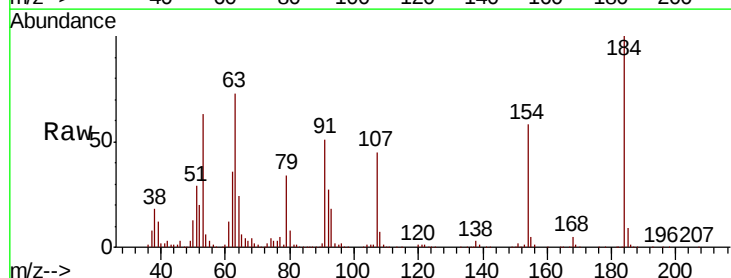
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 58.116 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.0	55.6	83.4
154	58.3	46.0	69.0

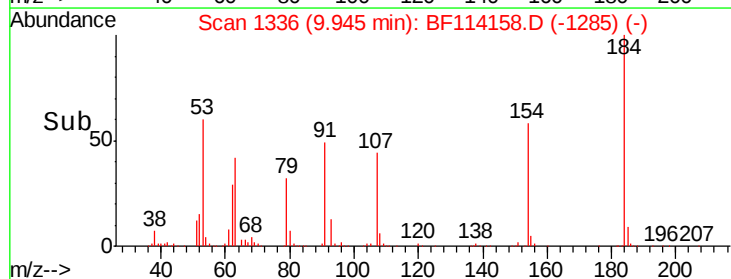
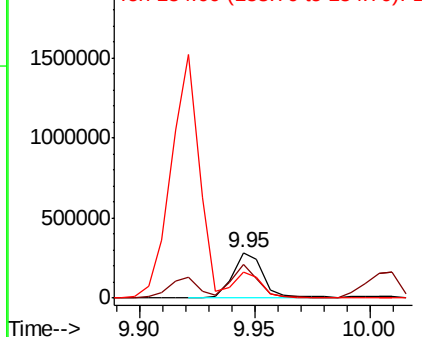


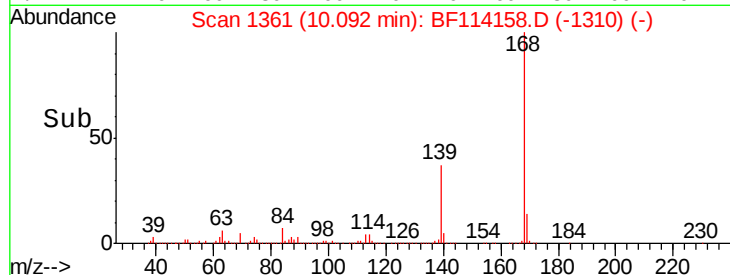
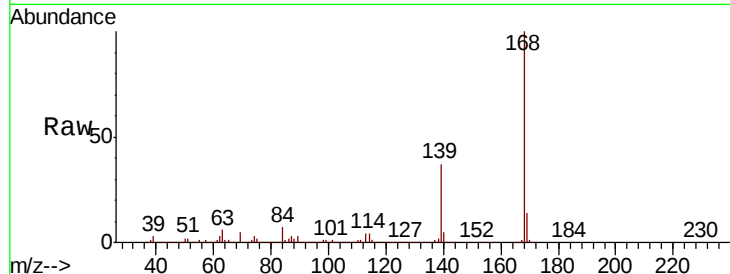
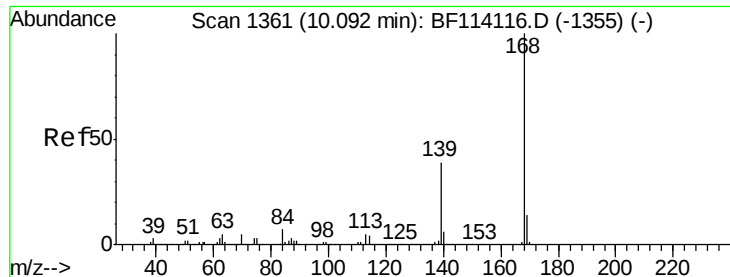
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





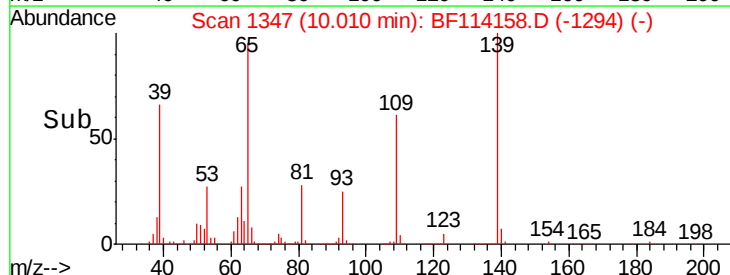
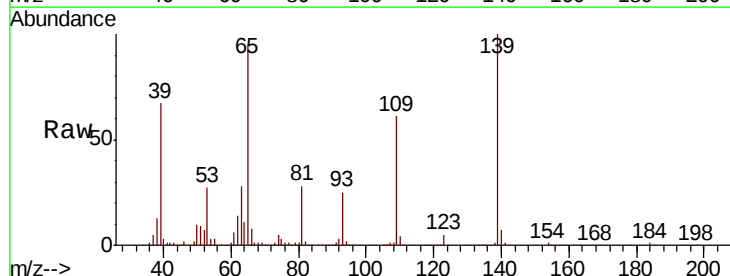
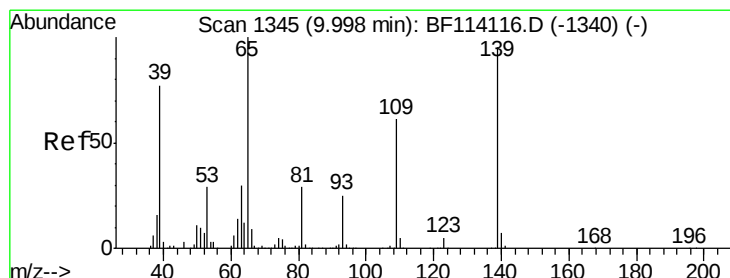
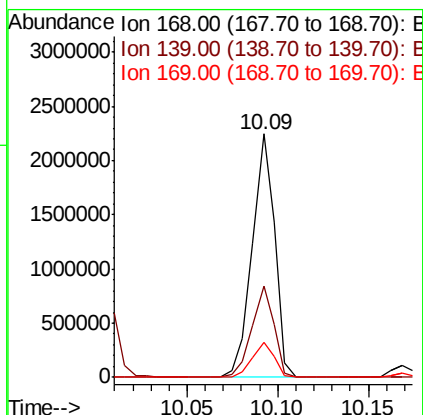
#55
Dibenzofuran
Concen: 37.565 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	14.1	11.4	17.0

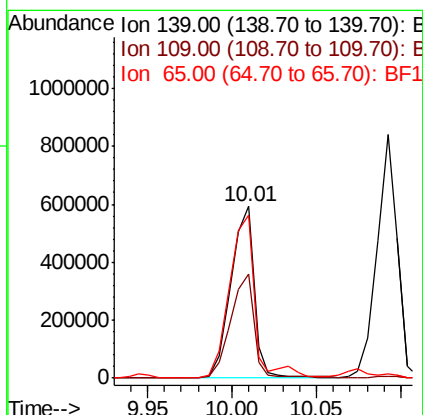
Manual Integrations
APPROVED

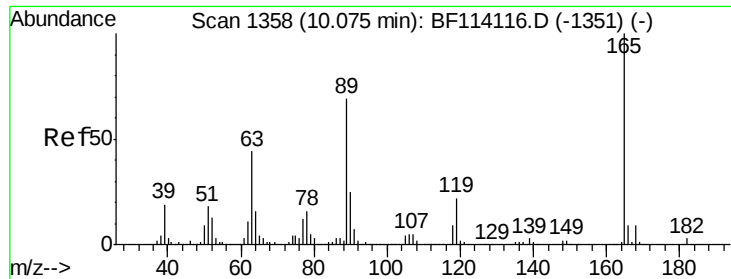
Sohil
5/13/2019 8:35:50 PM



#56
4-Nitrophenol
Concen: 69.062 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.7	43.9	83.9
65	94.6	85.7	125.7





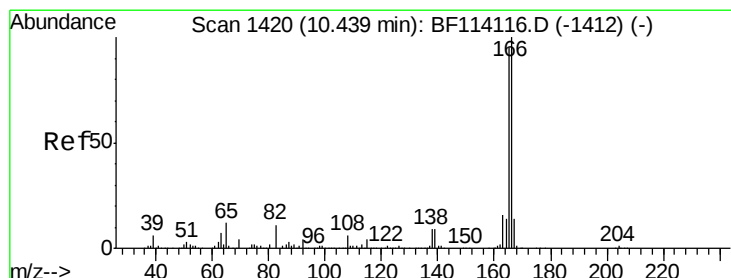
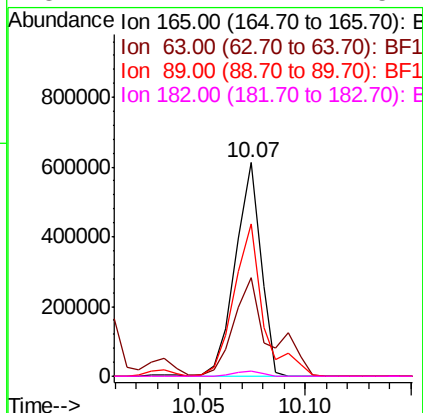
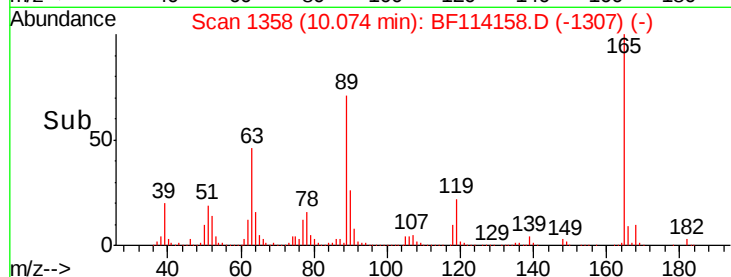
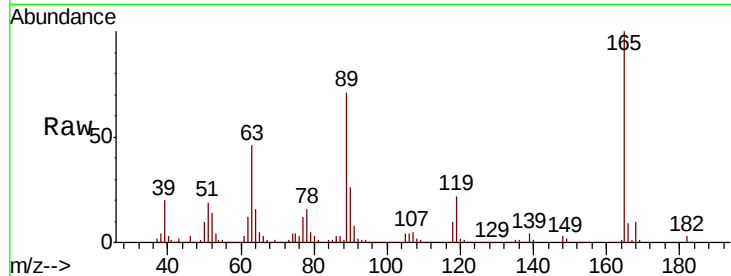
#57
2,4-Dinitrotoluene
Concen: 39.900 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		510720		
63	46.2		35.5	53.3	
89	71.3		55.2	82.8	
182	2.7		2.2	3.2	

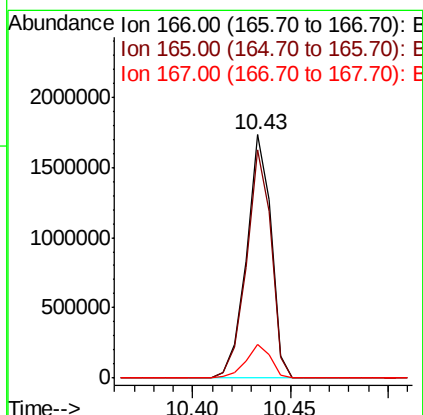
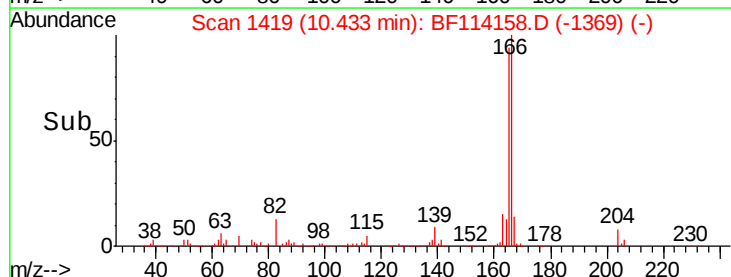
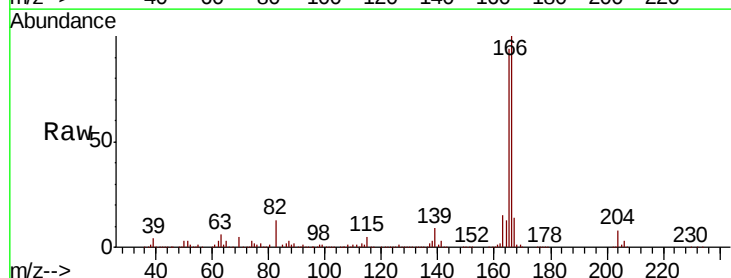
Manual Integrations
APPROVED

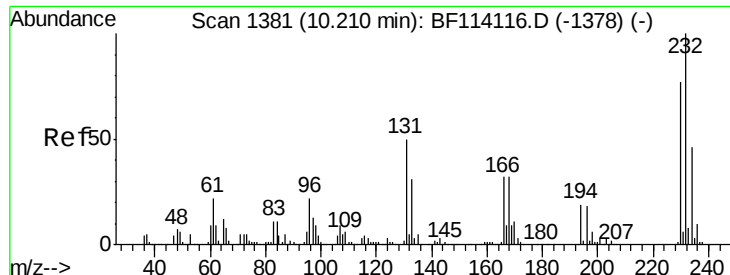
Sohil
5/13/2019 8:35:50 PM



#58
Fluorene
Concen: 38.025 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1513663		
165	93.7		76.1	114.1	
167	13.9		11.1	16.7	





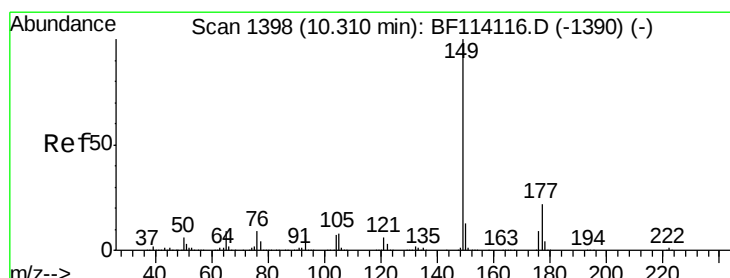
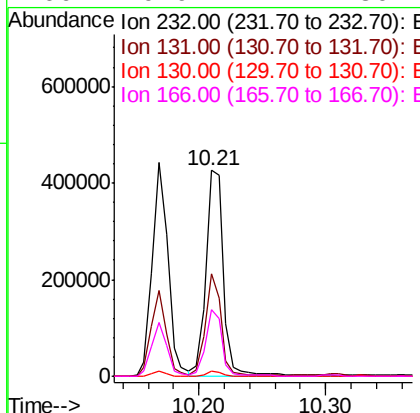
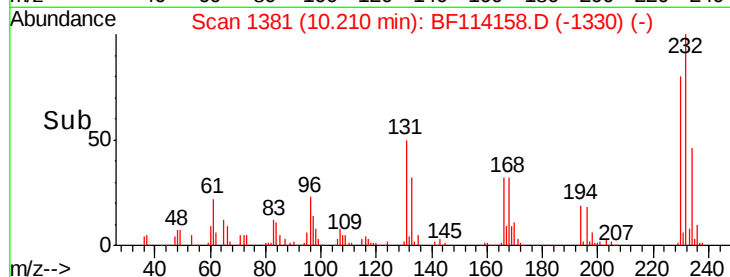
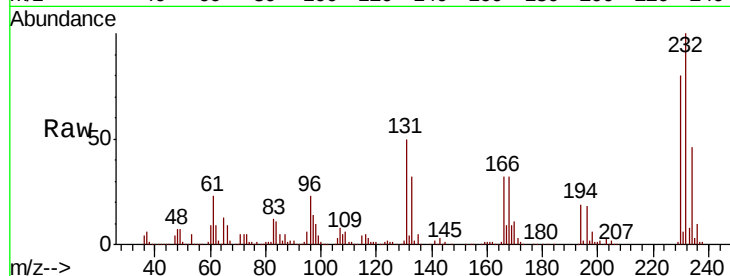
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.675 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.6	53.4
130	2.0	1.6	2.4
166	29.9	24.1	36.1

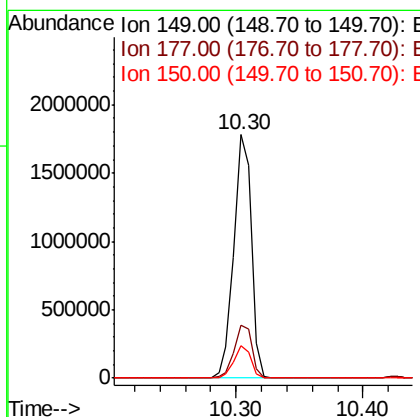
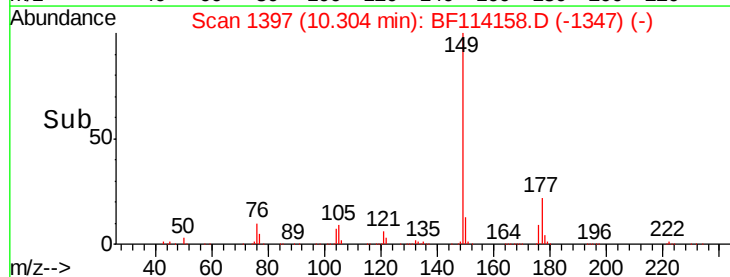
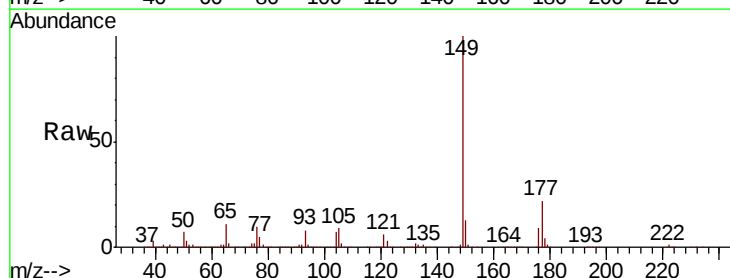
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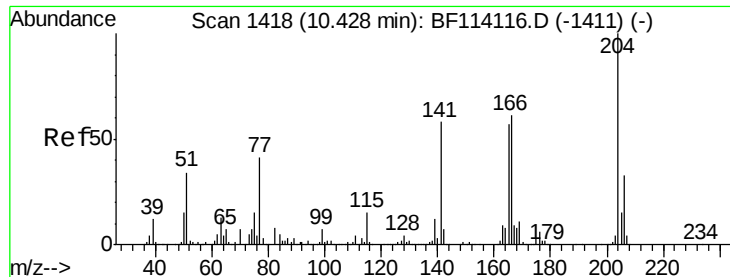
Sohil
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#60
 Diethylphthalate
 Concen: 39.005 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.8	26.6
150	13.5	10.2	15.2





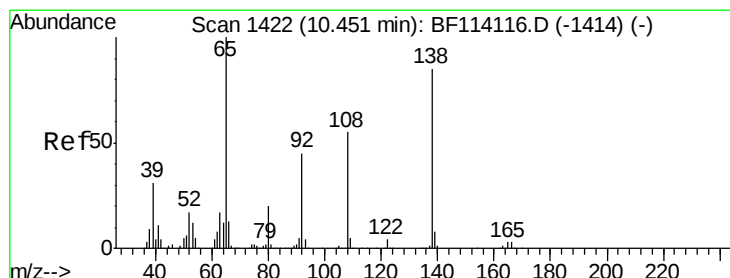
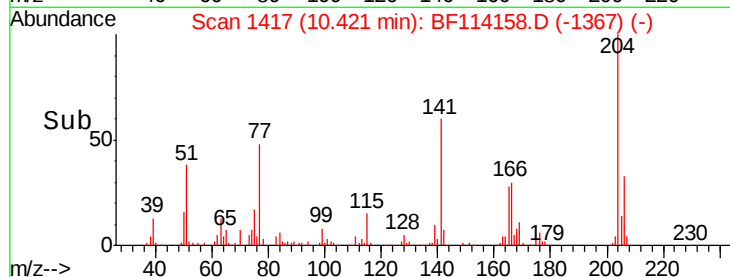
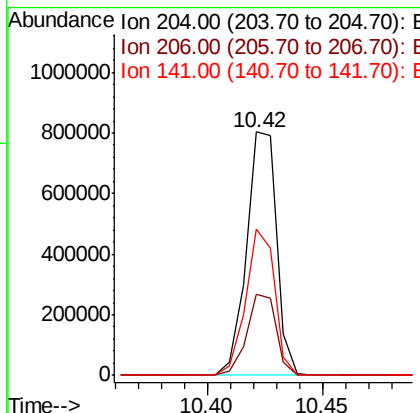
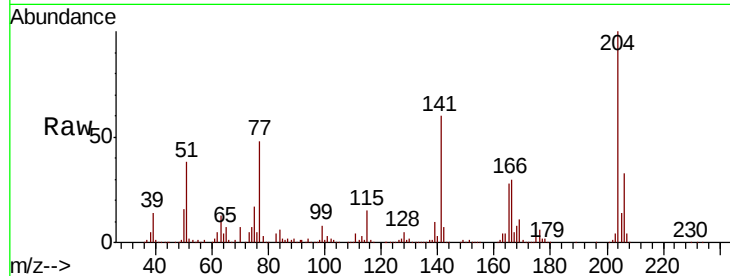
#61
4-Chlorophenyl-phenylether
Concen: 37.600 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	59.9	46.4	69.6

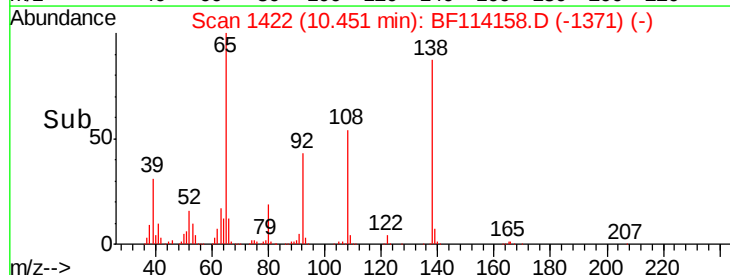
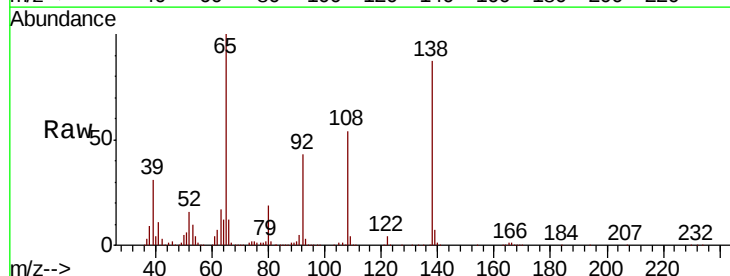
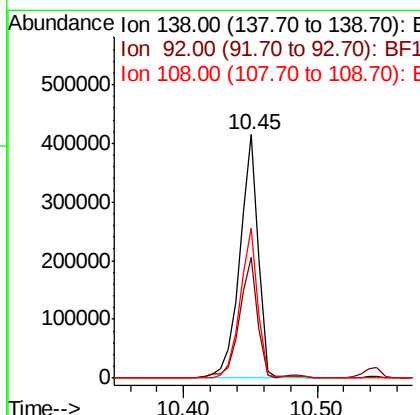
Manual Integrations
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#62
4-Nitroaniline
Concen: 32.595 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	33.0	73.0
108	61.8	44.9	84.9





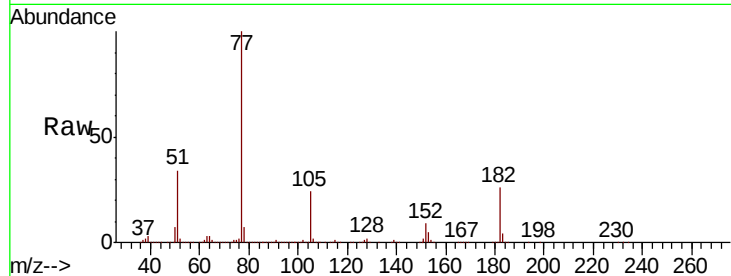
#63
Azobenzene
Concen: 38.775 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.7	44.7
105	24.4	2.9	42.9
51	33.8	14.6	54.6

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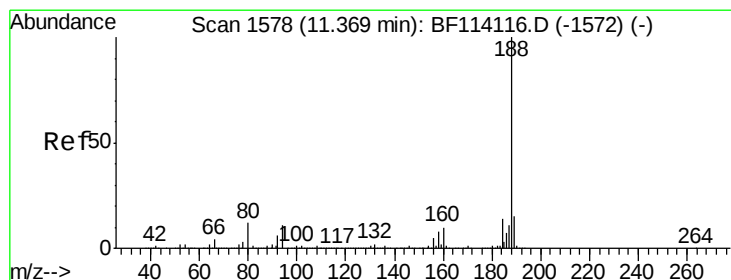
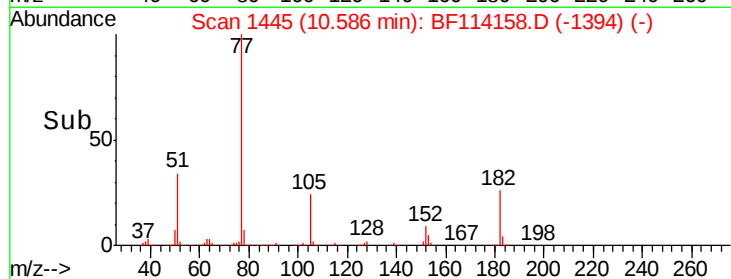
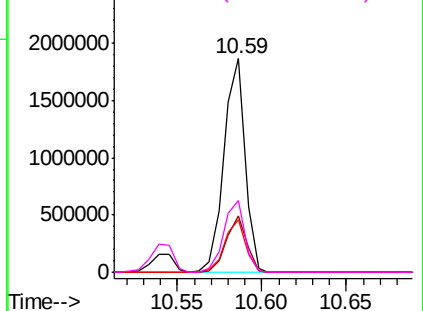
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

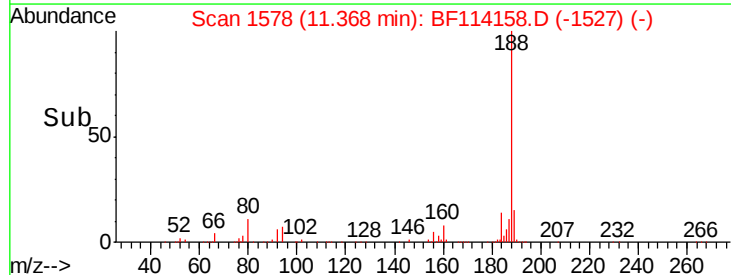
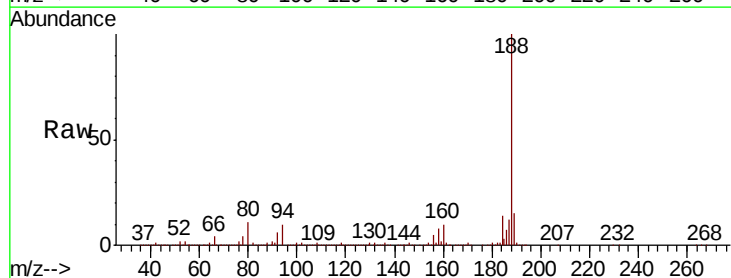
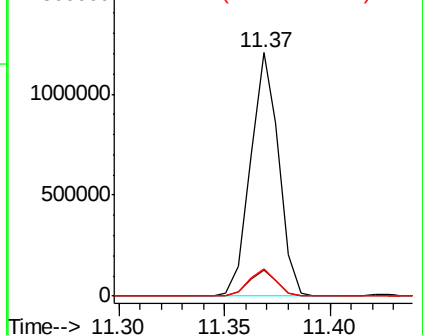
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.4	12.6
80	11.2	9.2	13.8

Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.198 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

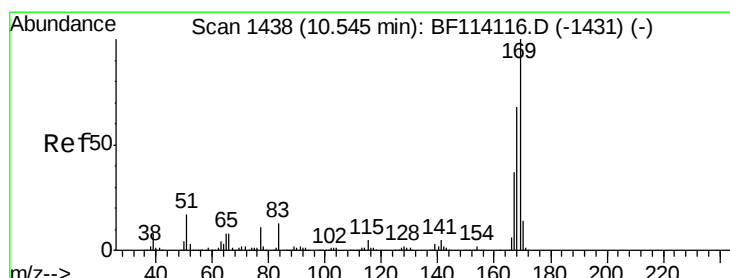
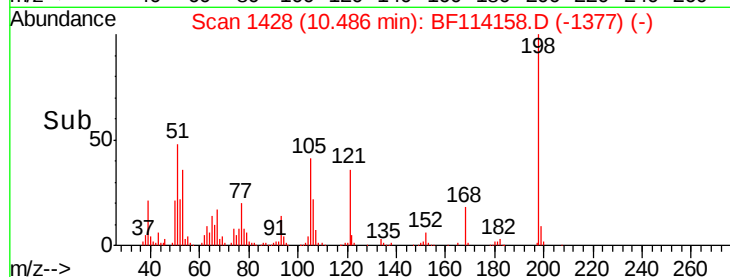
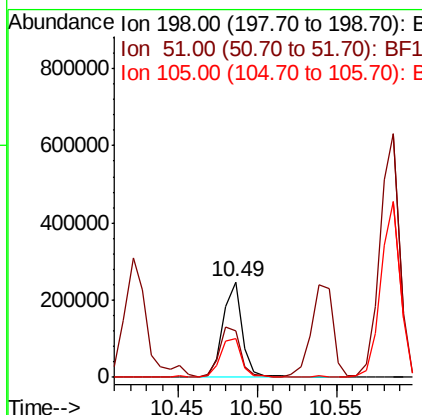
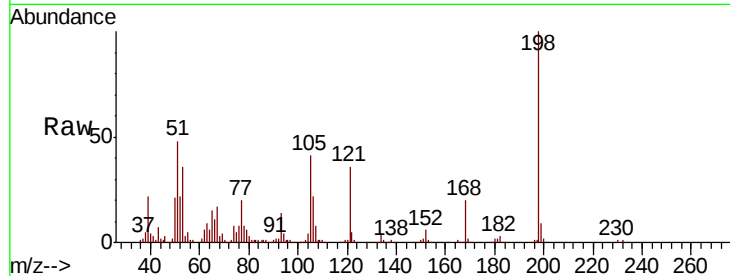
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	198	Resp:	208992
Ion Ratio	Lower	Upper	
198	100		
51	48.3	28.0	68.0
105	41.2	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 40.646 ng

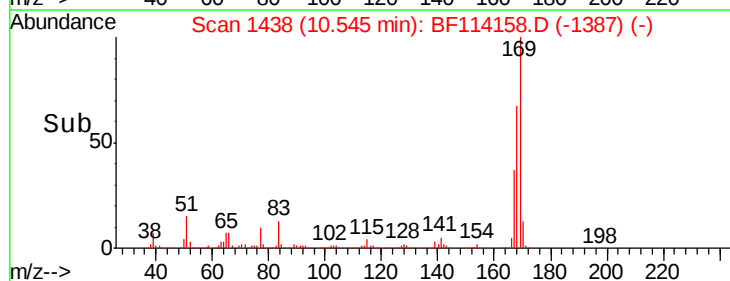
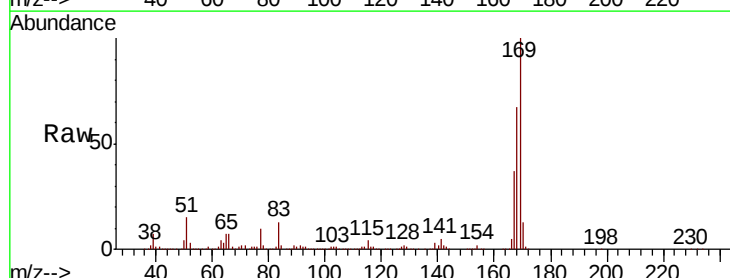
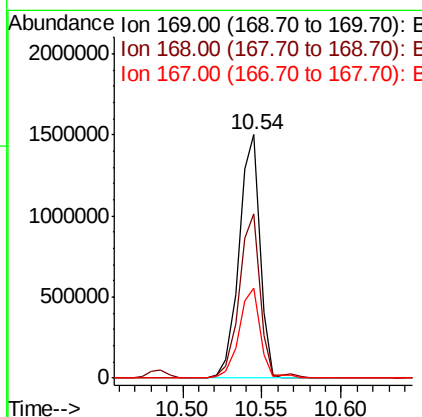
RT: 10.54 min Scan# 1438

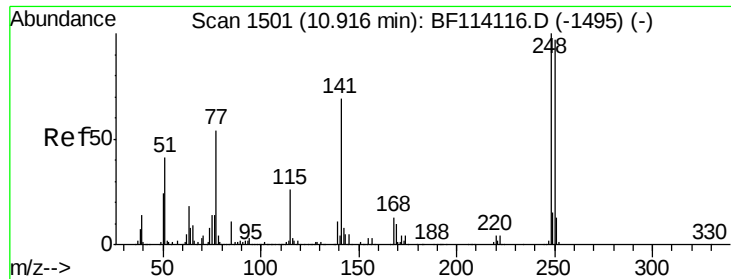
Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	169	Resp:	1368799
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.2
167	37.1	29.8	44.8





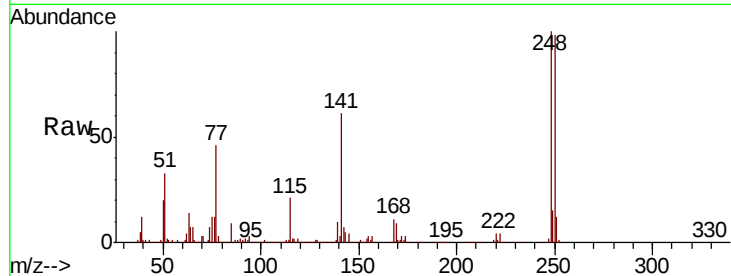
#67
4-Bromophenyl-phenylether
Concen: 37.437 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.2
141	60.8	55.6	83.4

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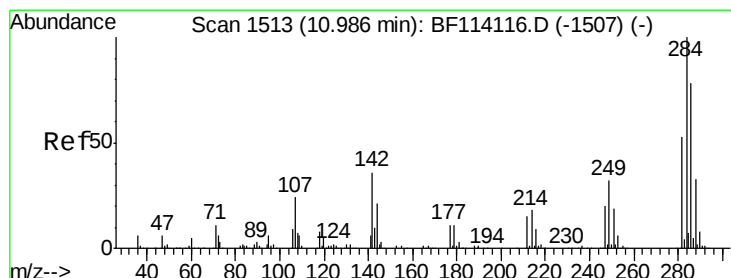
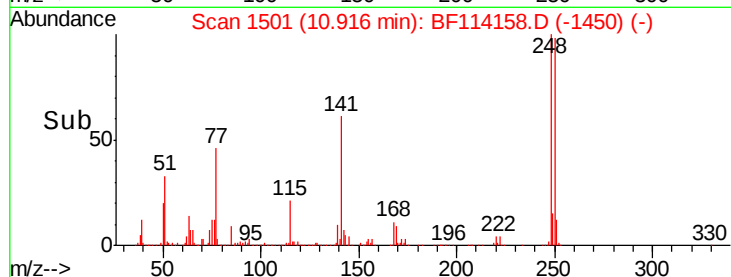
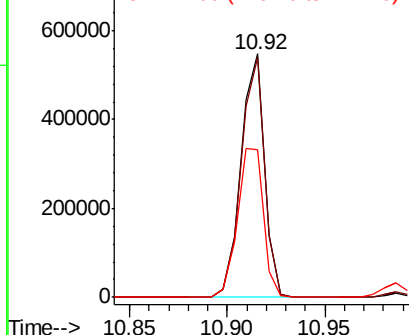


Abundance

Ion 248.00 (247.70 to 248.70): E

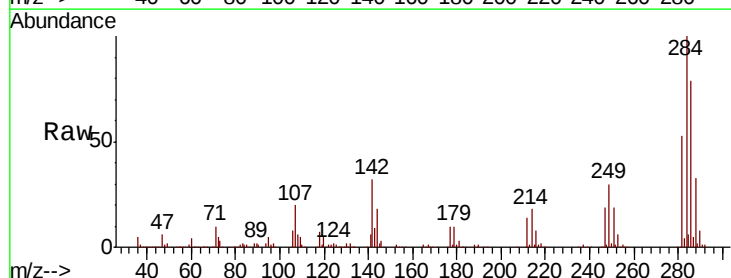
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.210 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	28.4	42.6
249	30.3	25.2	37.8

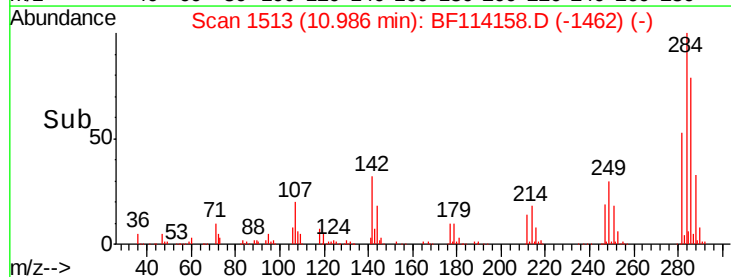
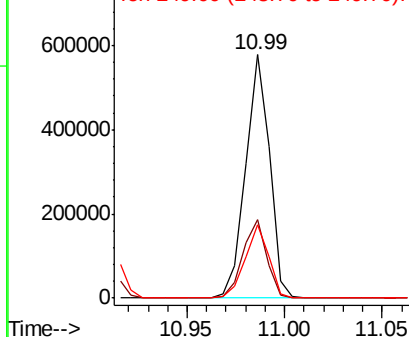


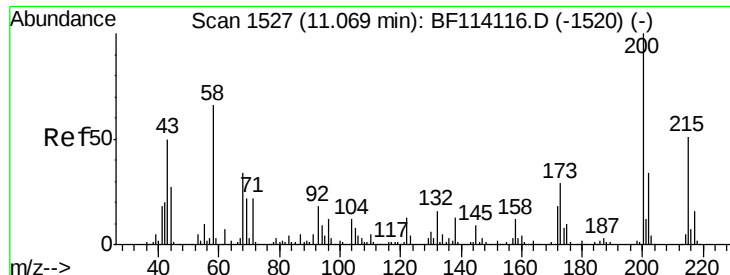
Abundance

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





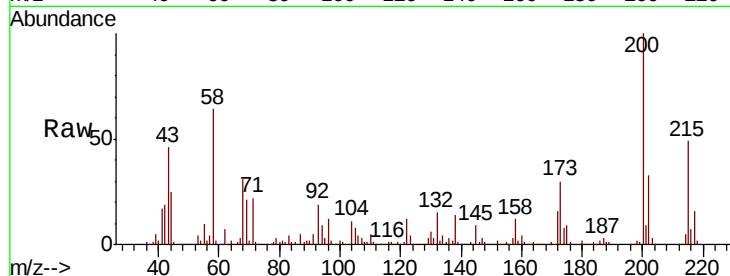
#69
Atrazine
Concen: 39.854 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	8.9	48.9
215	48.5	30.7	70.7

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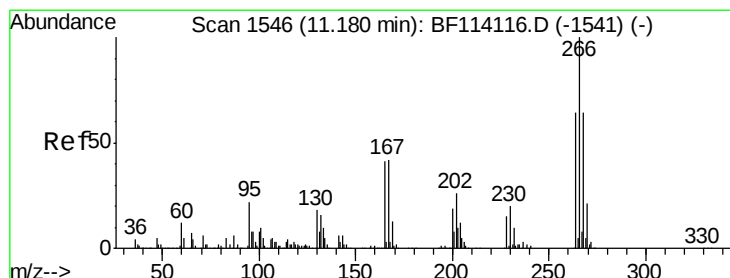
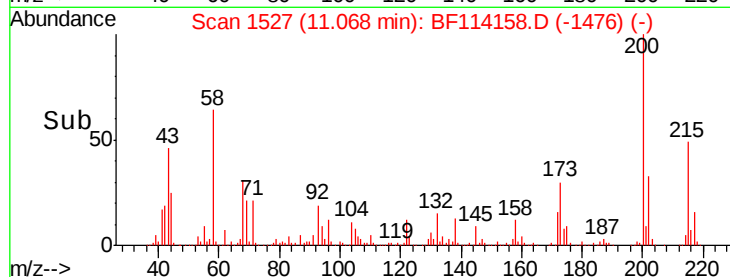
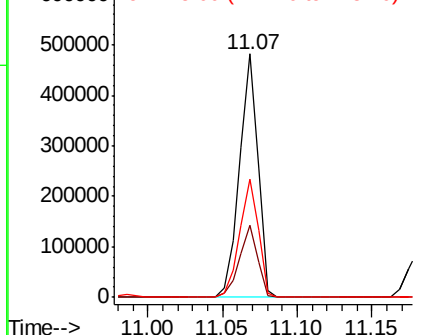


Abundance

Ion 200.00 (199.70 to 200.70): E

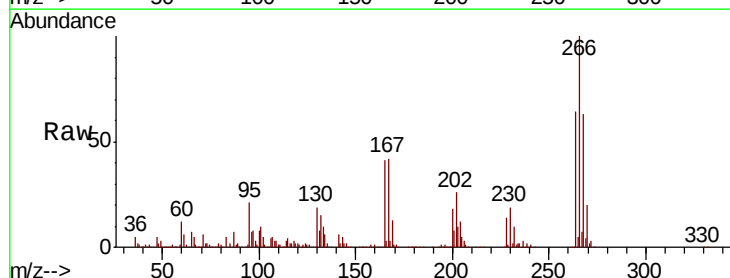
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.133 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	51.1	76.7
264	63.7	51.1	76.7

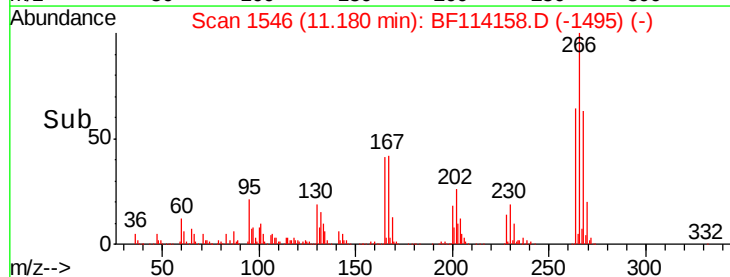
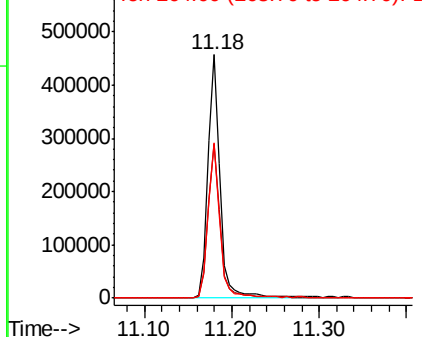


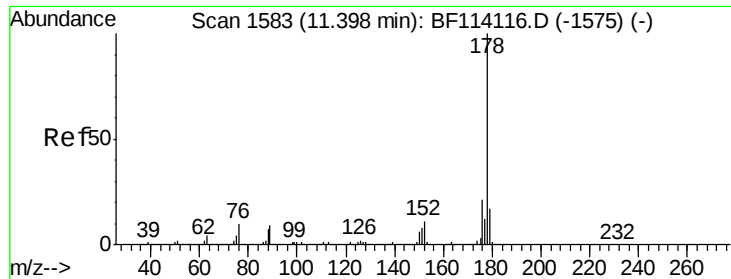
Abundance

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





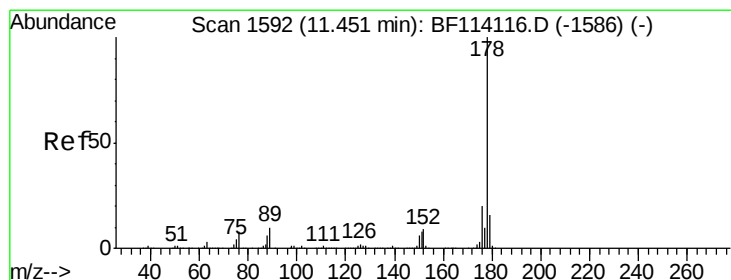
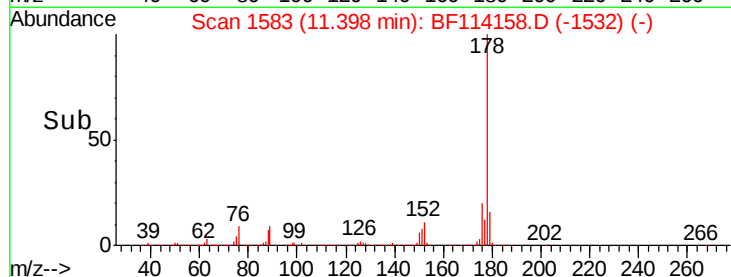
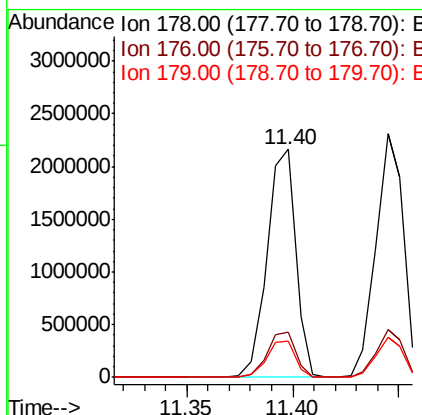
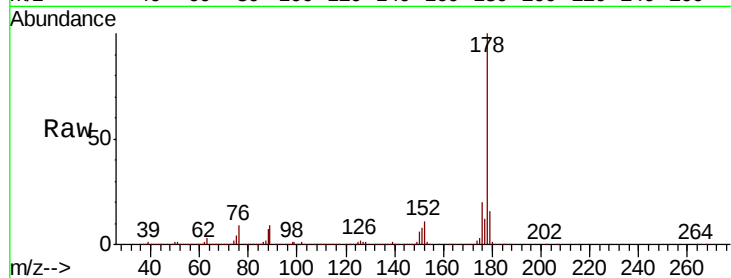
#71
Phenanthrene
Concen: 37.949 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion:178 Resp: 2048589
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 15.8 13.2 19.8

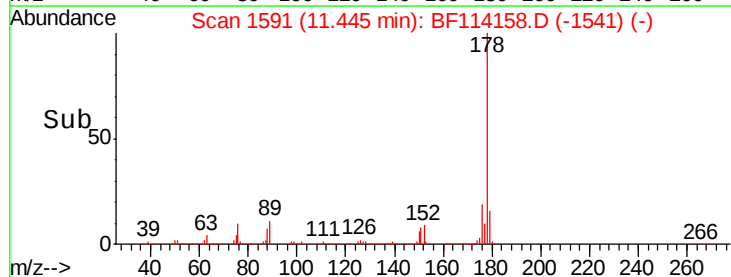
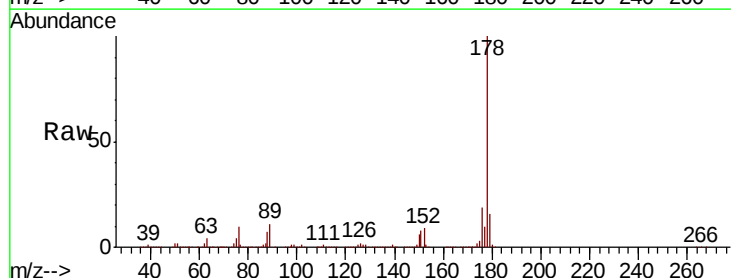
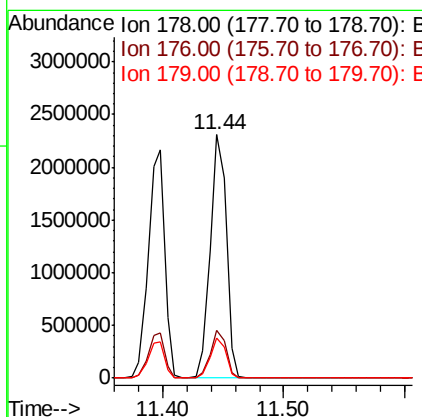
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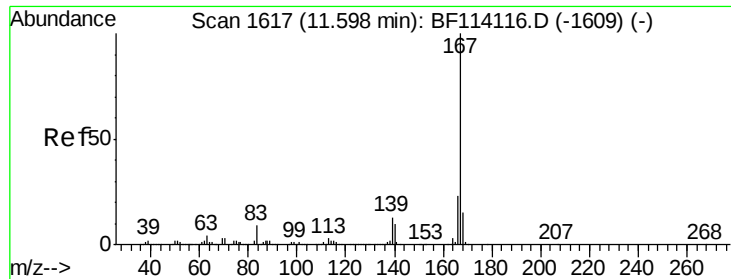
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#72
Anthracene
Concen: 39.109 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion:178 Resp: 2120531
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 16.4 13.0 19.4





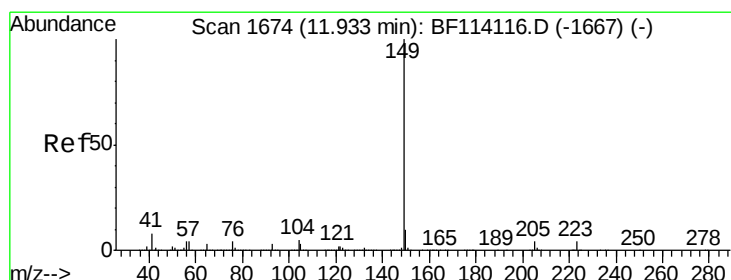
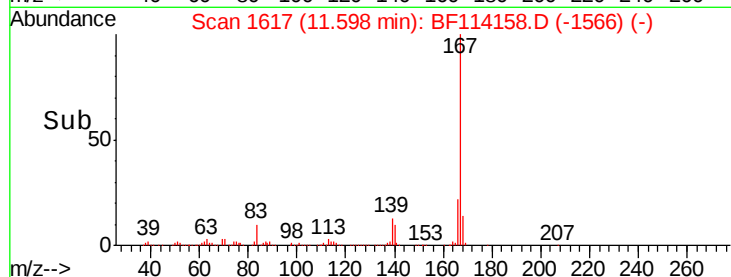
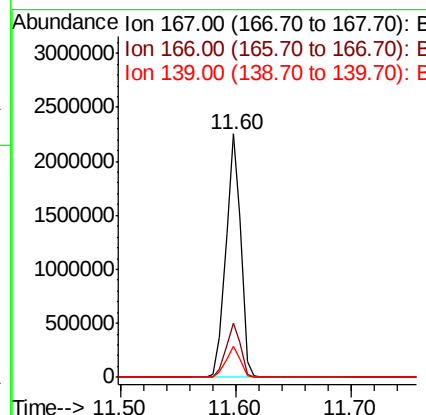
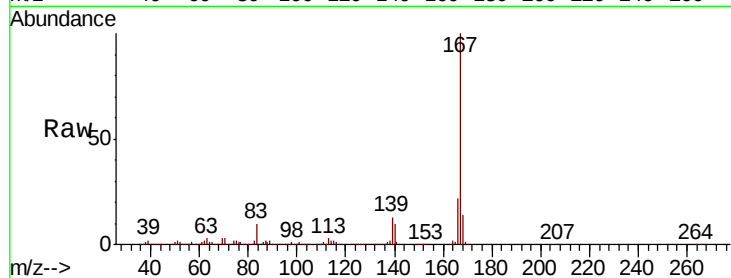
#73
 Carbazole
 Concen: 38.722 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	12.9	10.6	16.0

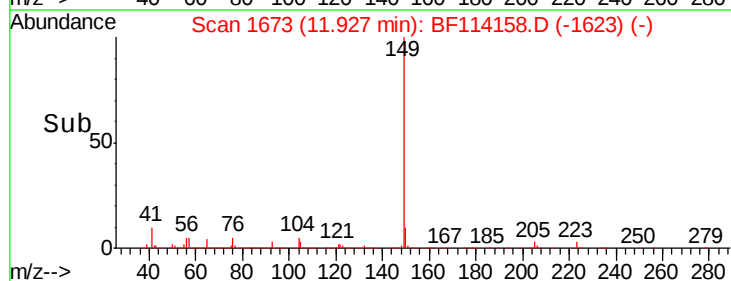
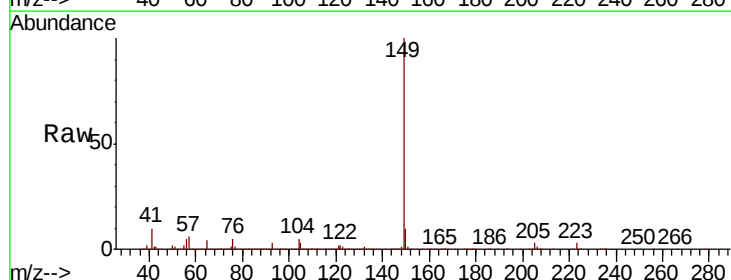
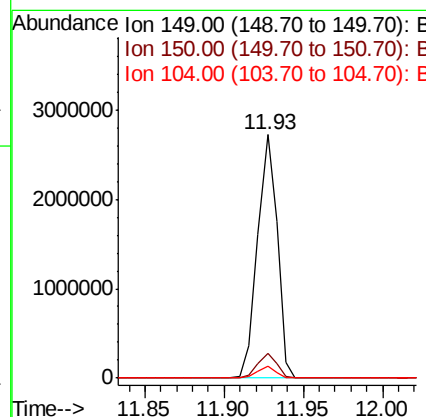
Manual Integrations
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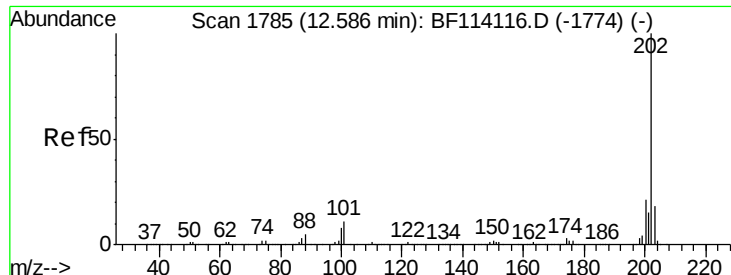
Sohil
 5/13/2019 8:35:50 PM



#74
 Di-n-butylphthalate
 Concen: 39.596 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 34.773 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

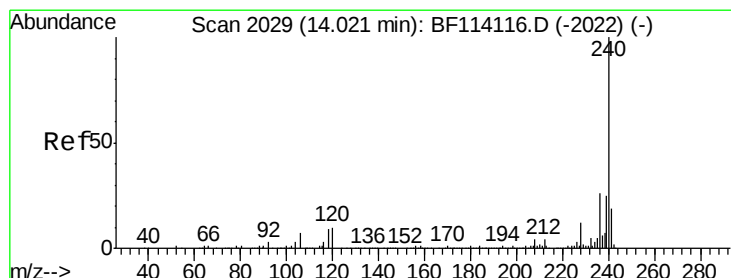
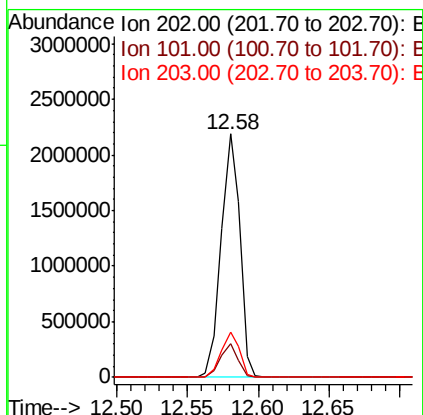
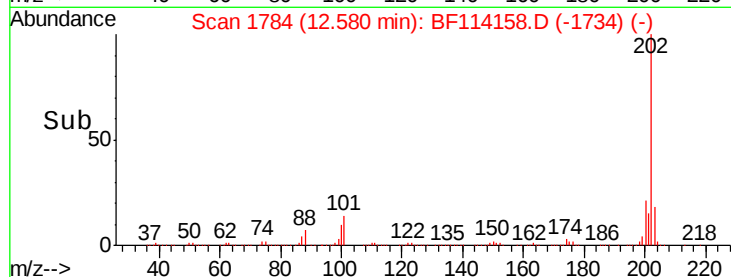
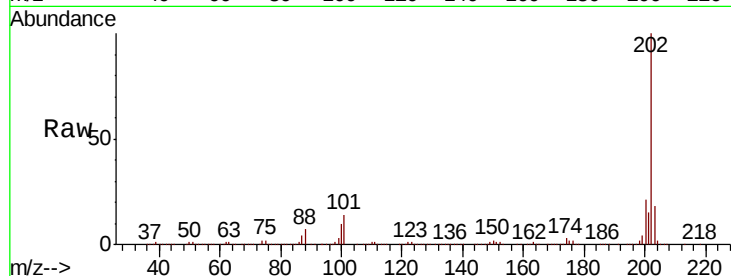
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	202	Resp:	2021480
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.0
203	18.4	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

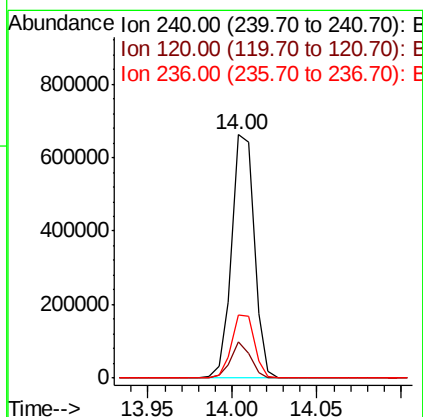
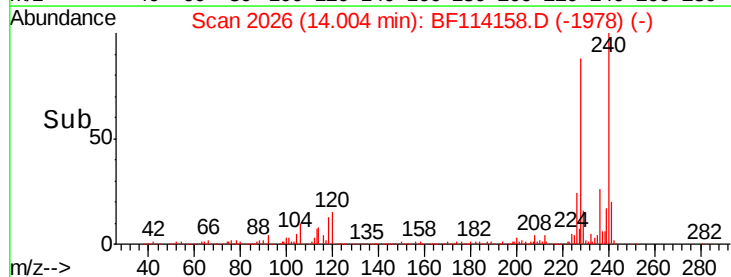
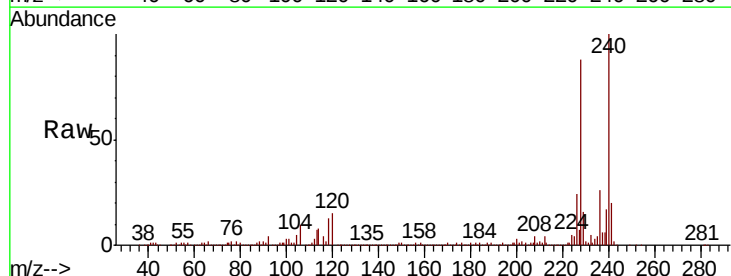
RT: 14.00 min Scan# 2026

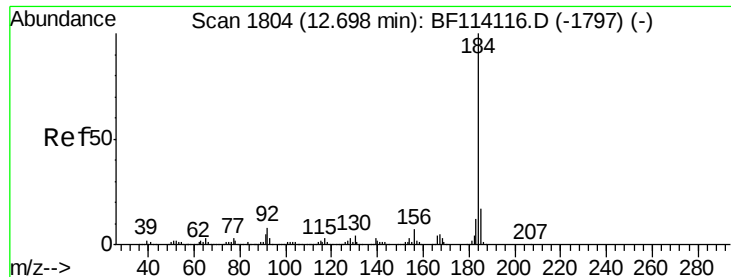
Delta R.T. -0.02 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	240	Resp:	615580
Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.3	12.5#
236	25.7	20.8	31.2





#77

Benzidine

Concen: 1.162 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

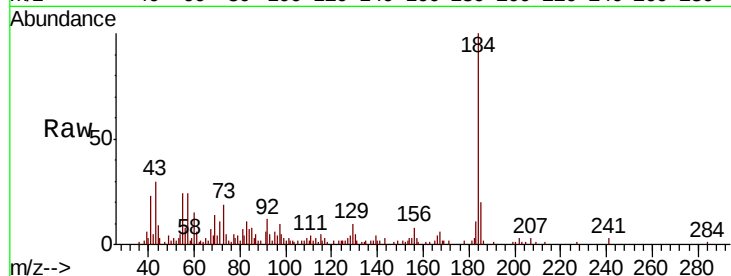
ClientSampleId :

P021-SS008-0206-01MS

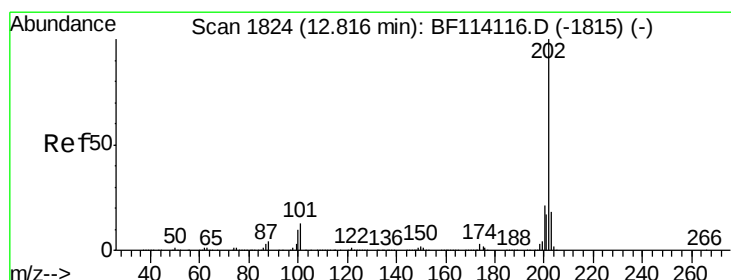
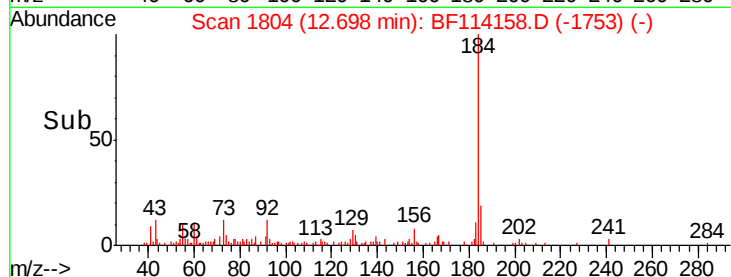
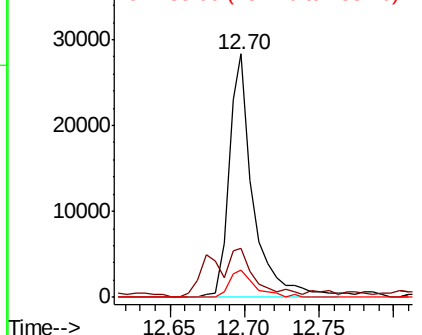
Tot Ion:	184	Resp:	32110
Ion Ratio	Lower	Upper	
184	100		
185	20.1	13.6	20.4
183	11.4	9.2	13.8

Manual Integrations
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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: 39.962 ng

RT: 12.81 min Scan# 1823

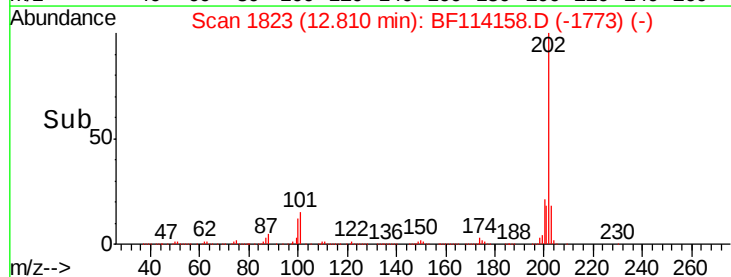
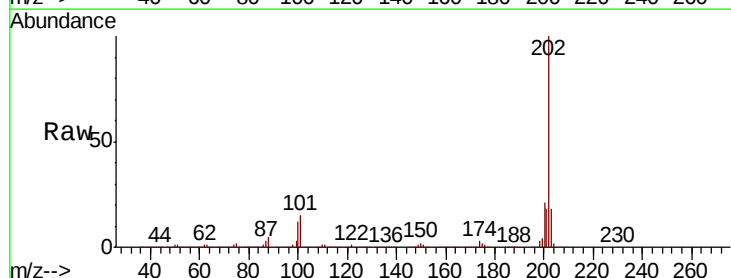
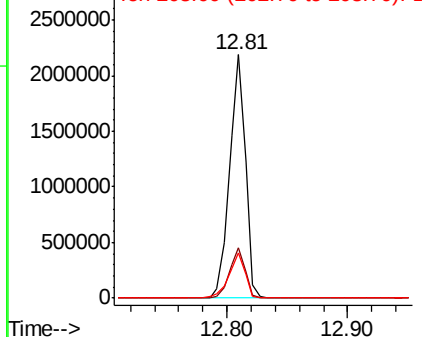
Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	202	Resp:	1978917
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	18.4	14.5	21.7

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





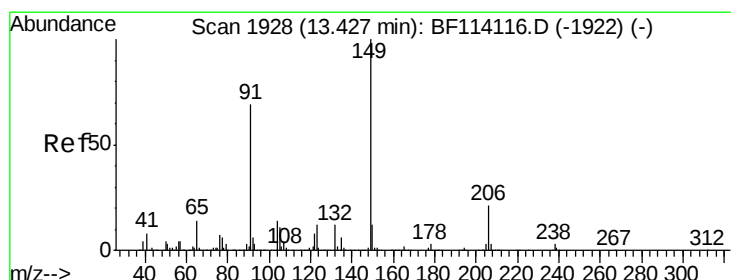
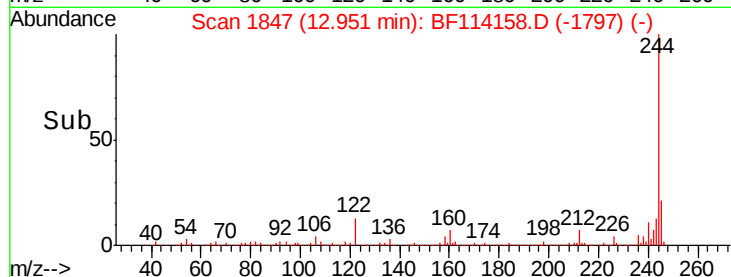
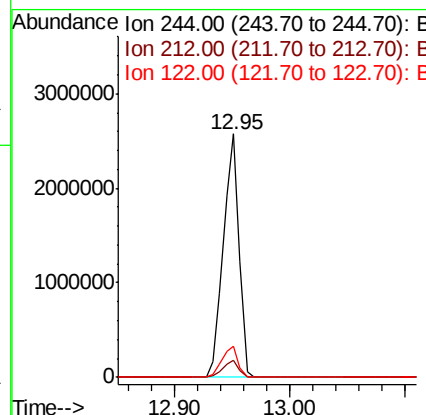
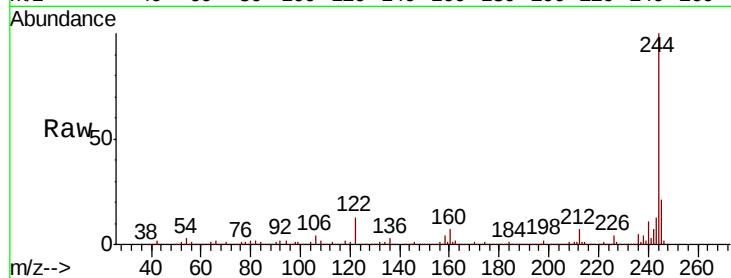
#79
 Terphenyl-d14
 Concen: 81.251 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.0	9.4	14.2

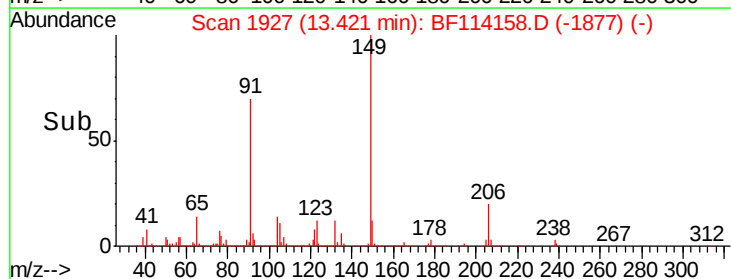
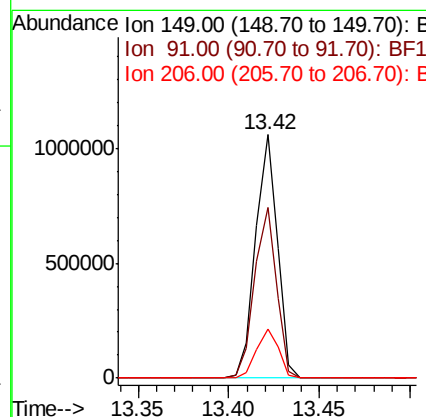
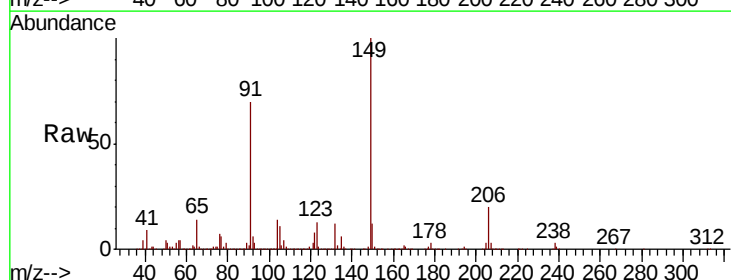
Manual Integrations
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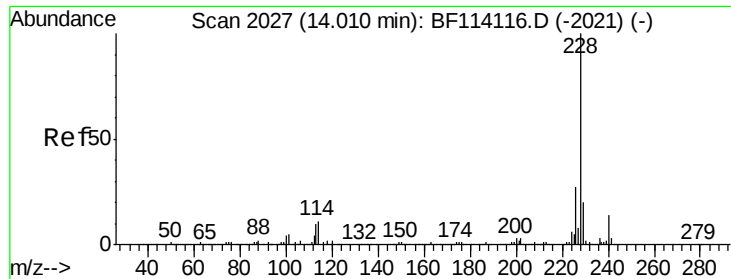
Sohil
 5/13/2019 8:35:50 PM



#80
 Butylbenzylphthalate
 Concen: 42.681 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	55.0	82.4
206	20.3	16.9	25.3





#81

Benzo(a)anthracene

Concen: 35.701 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

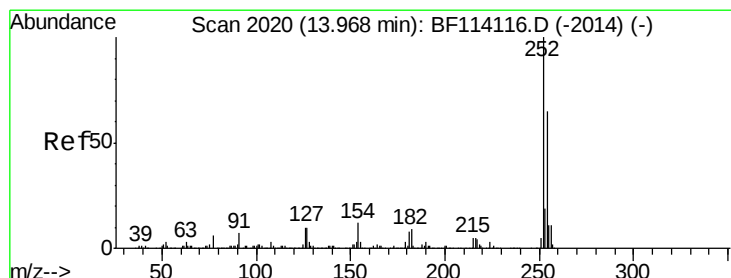
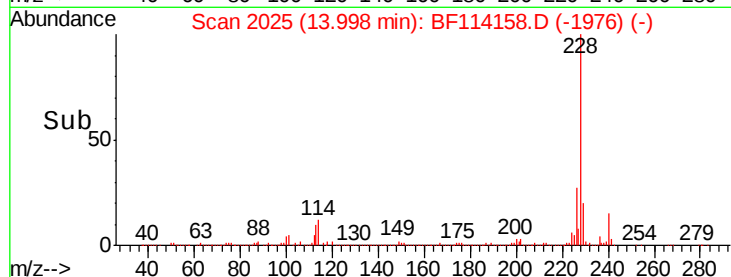
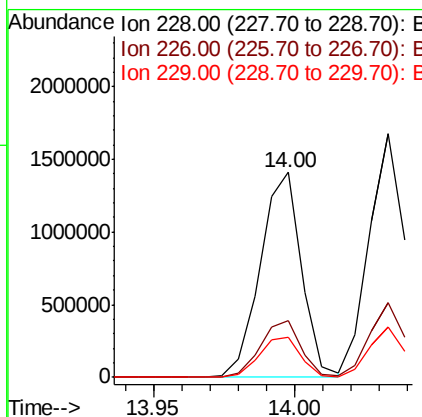
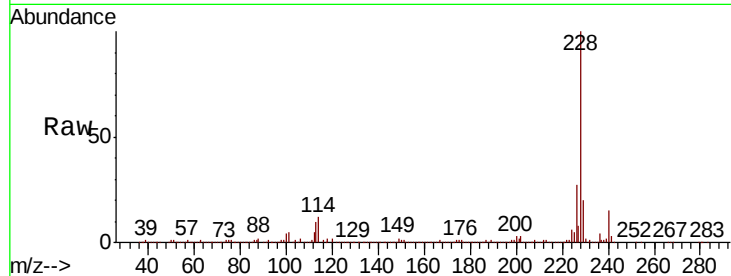
ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:	228	Resp:	1421436
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	19.7	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.760 ng

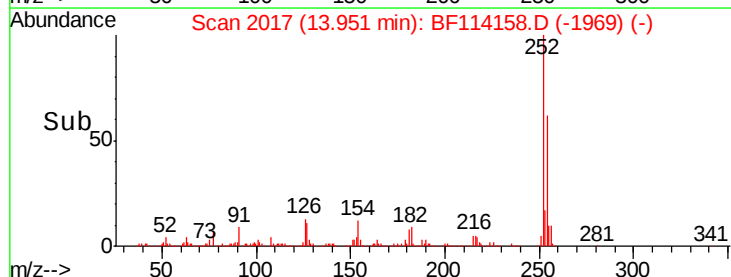
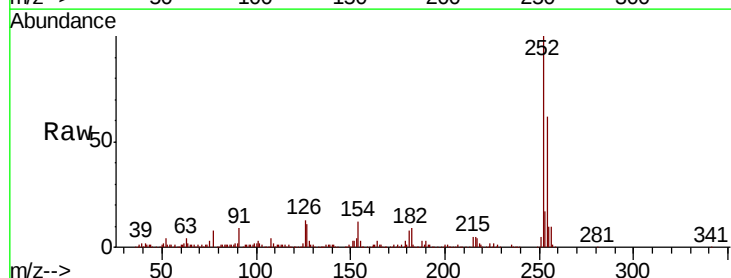
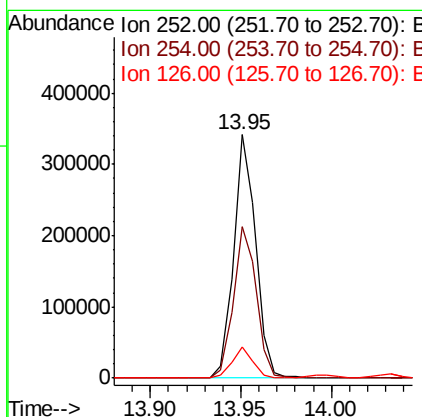
RT: 13.95 min Scan# 2017

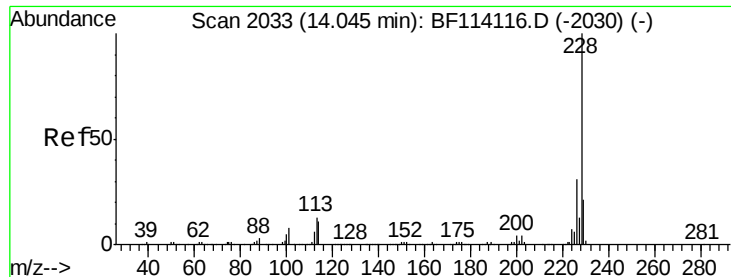
Delta R.T. -0.02 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Tgt Ion:	252	Resp:	289762
Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.9	77.9
126	12.6	7.9	11.9#





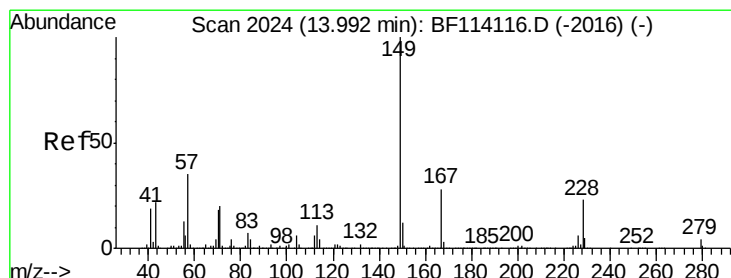
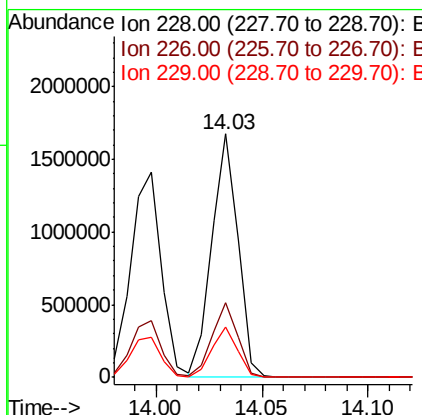
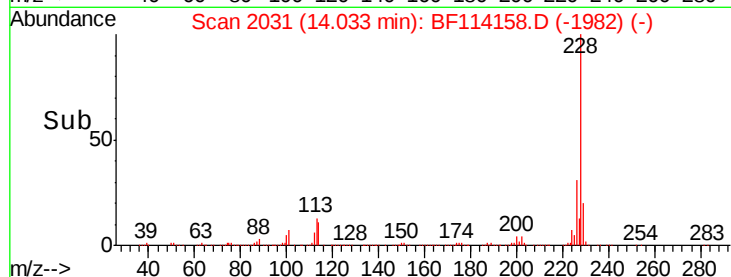
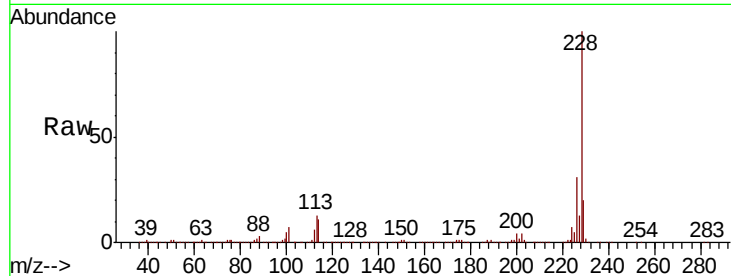
#83
 Chrysene
 Concen: 37.043 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS008-0206-01MS

Tot Ion:228 Resp: 1445785
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.5 17.0 25.6

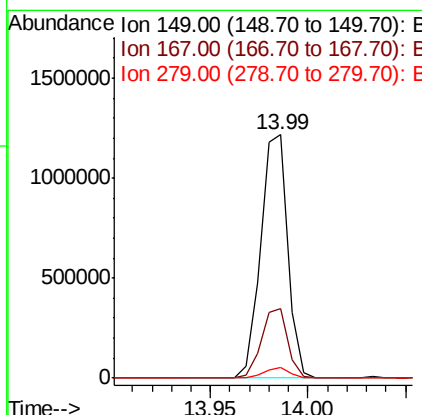
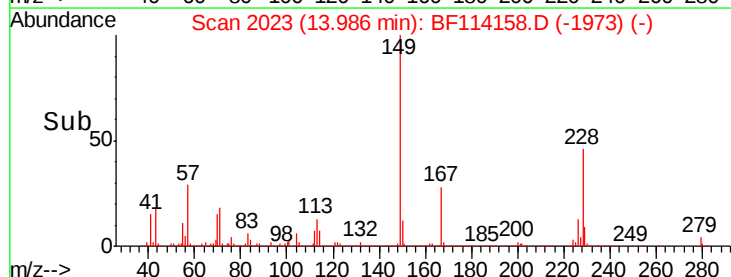
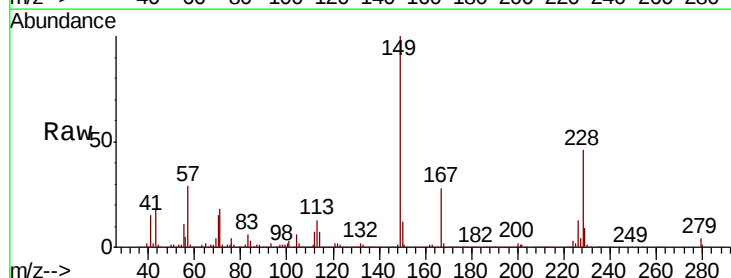
Manual Integrations
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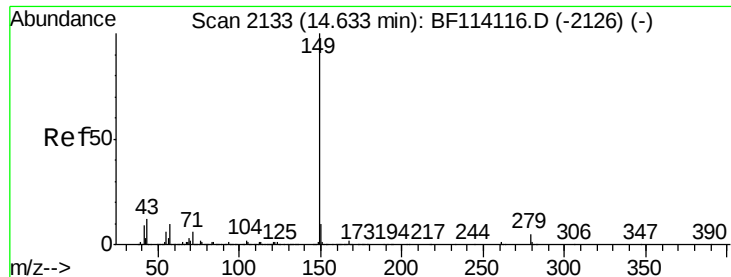
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.663 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114158.D
 Acq: 11 May 2019 15:47

Tgt Ion:149 Resp: 1163018
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 33.8
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.623 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

Instrument :

BNA_F

ClientSampleId :

P021-SS008-0206-01MS

Tot Ion:149 Resp: 1839378

Ion Ratio Lower Upper

149 100

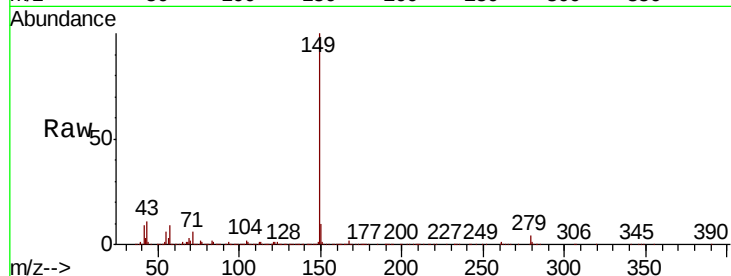
167 1.6 1.3 1.9

43 12.0 10.1 15.1

Manual Integrations
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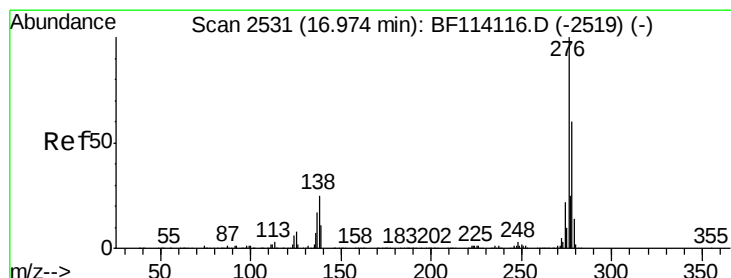
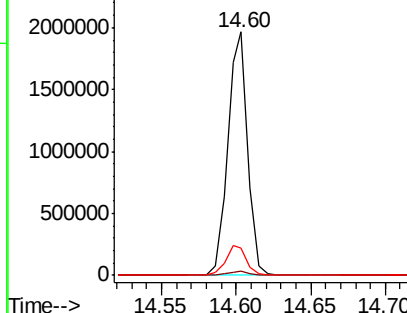
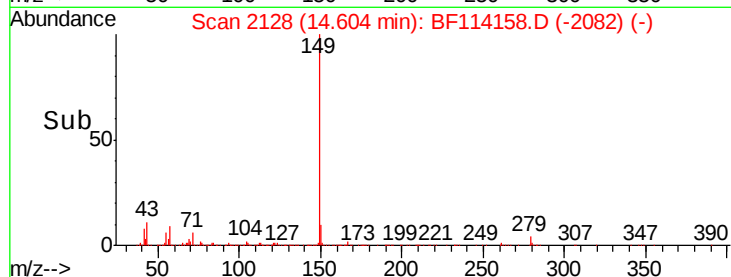


Abundance

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: 58.631 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF114158.D

Acq: 11 May 2019 15:47

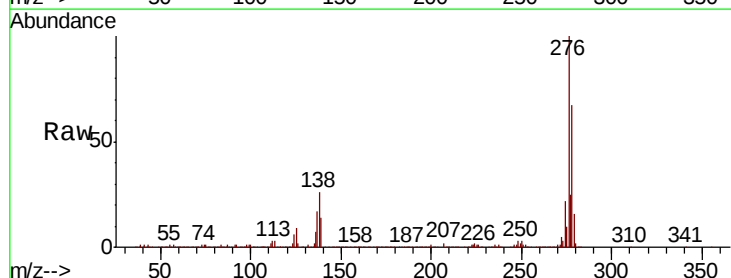
Tgt Ion:276 Resp: 2022435

Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.2

277 25.2 20.0 30.0

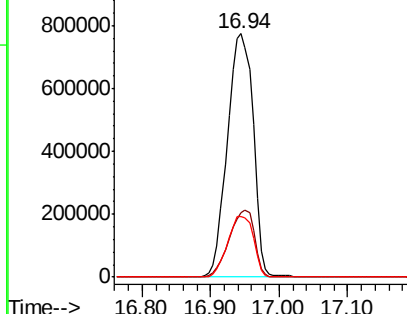
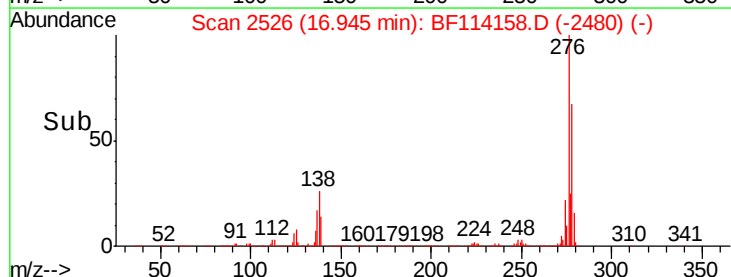


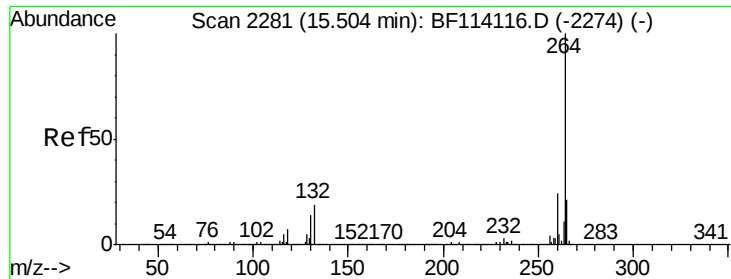
Abundance

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





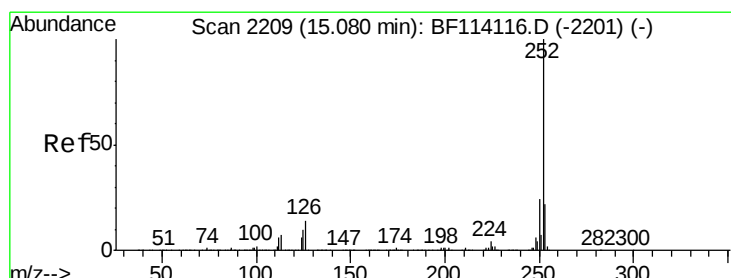
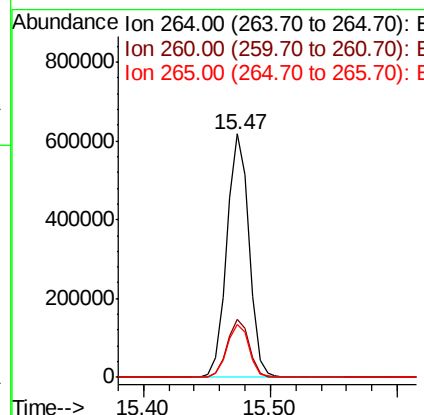
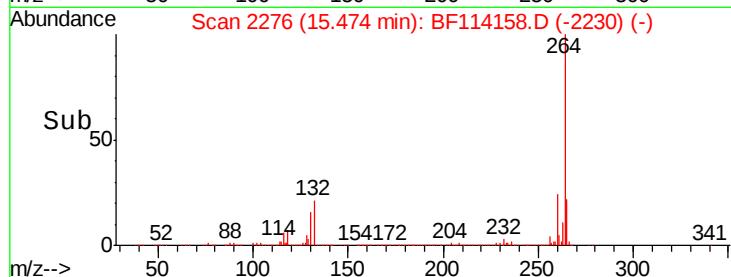
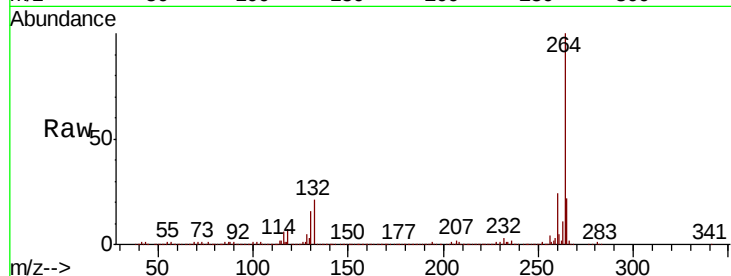
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
749161	264	100			
	260	24.0		19.4	29.0
	265	21.9		16.9	25.3

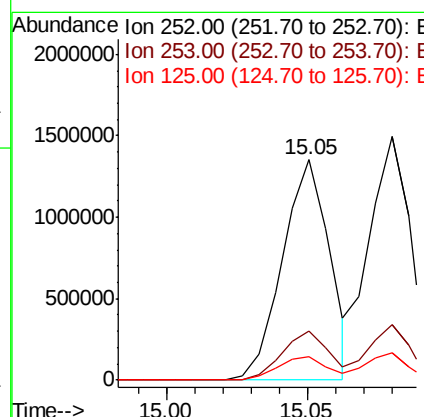
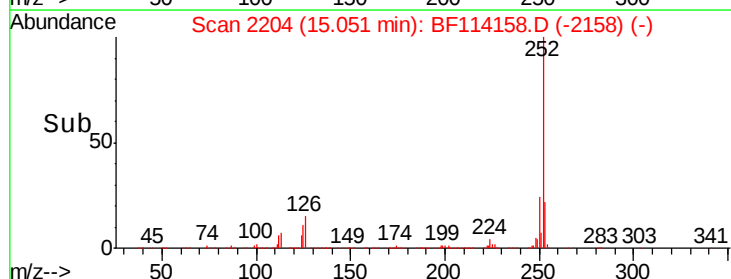
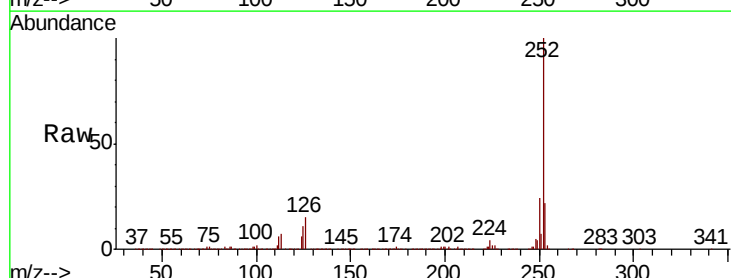
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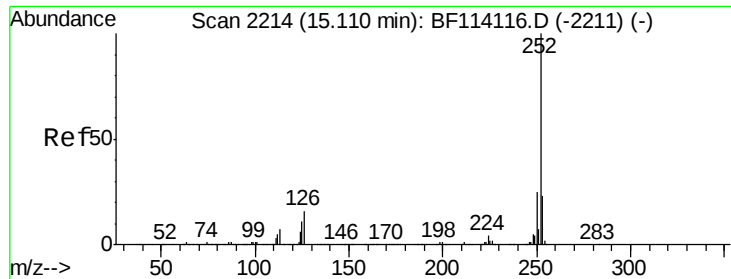
Sohil
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#88
Benzo(b)fluoranthene
Concen: 32.654 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
1567235	252	100			
	253	22.1		17.8	26.8
	125	10.7		8.3	12.5





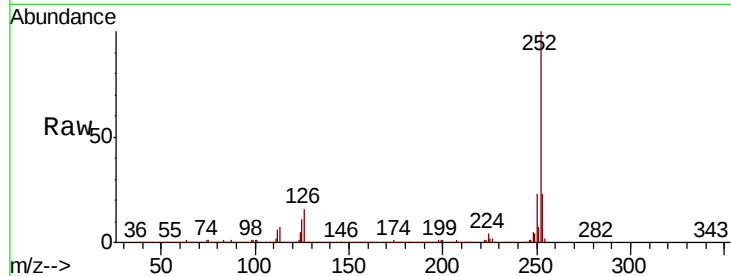
#89
Benzo(k)fluoranthene
Concen: 34.647 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.2	8.6	13.0

Manual Integrations
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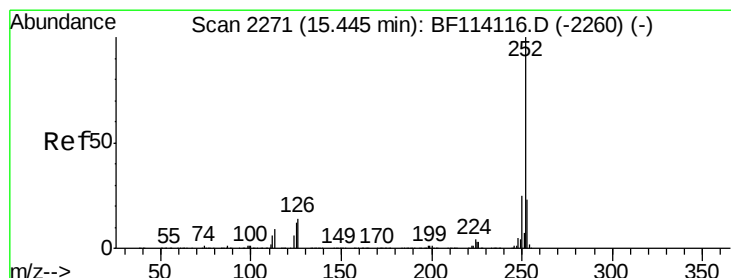
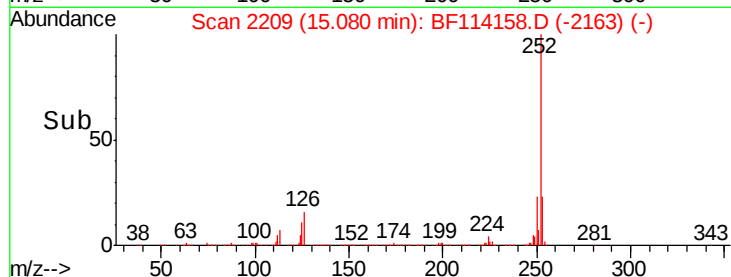
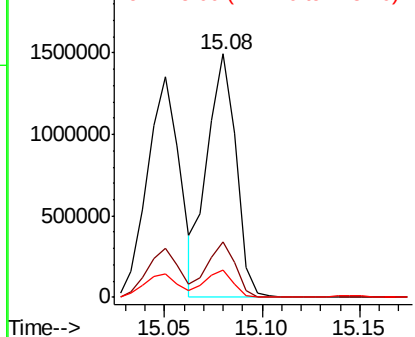


Abundance

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



#90
Benzo(a)pyrene
Concen: 36.824 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

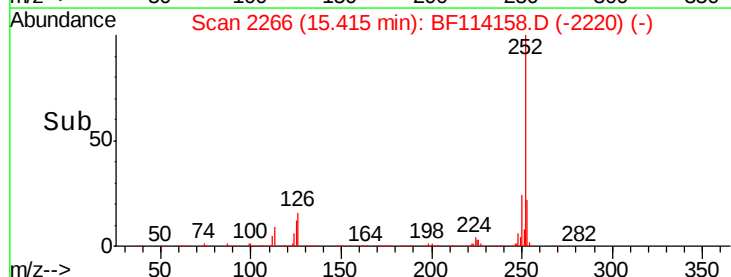
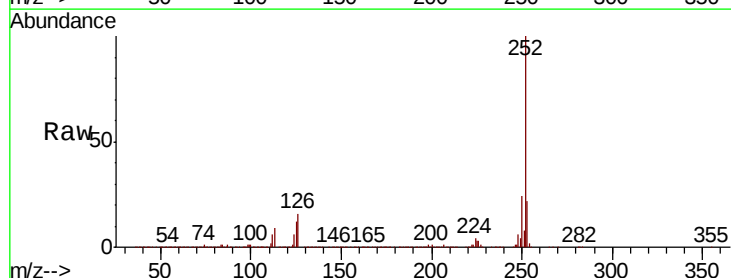
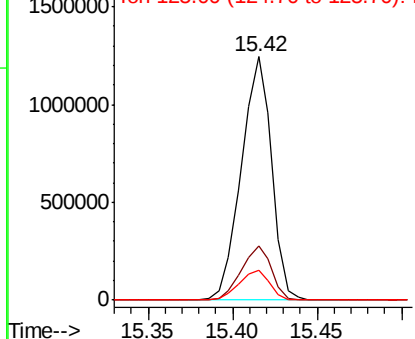
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.5	9.5	14.3

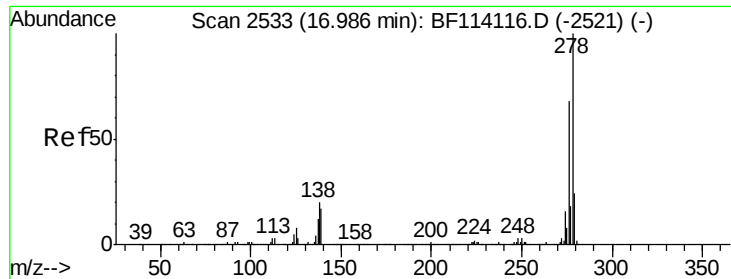
Abundance

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





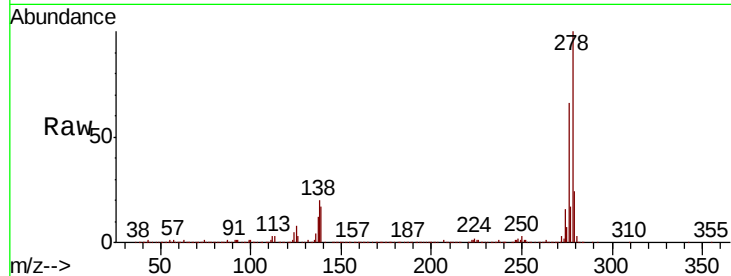
#91
Dibenzo(a,h)anthracene
Concen: 47.891 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Instrument :
BNA_F
ClientSampleId :
P021-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.5	20.3
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:35:50 PM

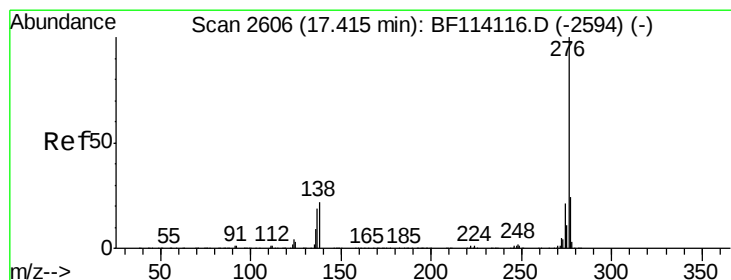
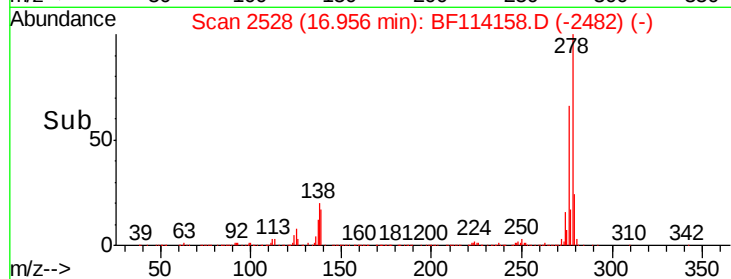
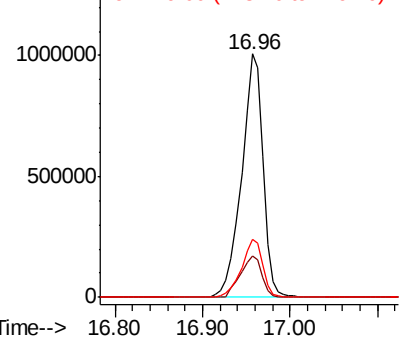


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.863 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114158.D
Acq: 11 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	24.0	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

