

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112716.D
 Acq On : 27 Feb 2019 13:07
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 2/28/2019 12:46:56 PM

Quant Time: Feb 27 16:13:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 15:34:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	213620	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	851391	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	397544	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	765476	20.00	ng	0.00
76) Chrysene-d12	13.87	240	392746	20.00	ng	0.00
87) Perylene-d12	15.27	264	401476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1909409	189.86	ng	0.00
7) Phenol-d6	6.39	99	2372881	169.80	ng	0.02
23) Nitrobenzene-d5	7.32	82	2169551	146.83	ng	0.01
42) 2,4,6-Tribromophenol	10.56	330	590072	127.52	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.83	244	3067266	147.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	528231	131.848	ng	100
3) Pyridine	3.14	79	1455525	142.822	ng	99
4) n-Nitrosodimethylamine	3.09	42	654638	152.894	ng	100
6) Aniline	6.42	93	1668635	100.374	ng	99
8) 2-Chlorophenol	6.53	128	1060397	78.377	ng	98
9) Benzaldehyde	6.29	77	858777	117.570	ng	97
10) Phenol	6.40	94	1378099	89.884	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	1100705	91.188	ng	99
12) 1,3-Dichlorobenzene	6.69	146	1108876	70.376	ng	98
13) 1,4-Dichlorobenzene	6.76	146	1095237	67.541	ng	99
14) 1,2-Dichlorobenzene	6.92	146	955633	62.943	ng	100
15) Benzyl Alcohol	6.89	79	918770	77.991	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1847222	119.189	ng	99
17) 2-Methylphenol	7.00	107	909332	84.786	ng	99
18) Hexachloroethane	7.26	117	441424	77.520	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	804753	83.513	ng	98
22) Acetophenone	7.16	105	1415679	68.286	ng	# 94
24) Nitrobenzene	7.33	77	1174124	79.564	ng	97
25) Isophorone	7.57	82	2335026	100.733	ng	99
26) 2-Nitrophenol	7.65	139	562810	71.365	ng	96
27) 2,4-Dimethylphenol	7.69	122	883660	81.327	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	1377766	87.290	ng	98
29) 2,4-Dichlorophenol	7.89	162	873448	71.834	ng	100
30) 1,2,4-Trichlorobenzene	7.97	180	907619	64.938	ng	99
31) Naphthalene	8.05	128	2787146	70.003	ng	98
32) Benzoic acid	7.84	122	785148	126.680	ng	93
33) 4-Chloroaniline	8.10	127	1260289	72.697	ng	97
34) Hexachlorobutadiene	8.17	225	517366	63.080	ng	98
35) Caprolactam	8.49	113	329801m	76.886	ng	
36) 4-Chloro-3-methylphenol	8.58	107	965167	74.982	ng	99
37) 2-Methylnaphthalene	8.74	142	1846646	67.751	ng	98
38) 1-Methylnaphthalene	8.84	142	1783249	68.259	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	774851	59.363	ng	99
41) Hexachlorocyclopentadiene	8.90	237	455490	117.548	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	591414	73.505	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	638432	75.923	ng	97
46) 1,1'-Biphenyl	9.20	154	2170302	62.446	ng	98
47) 2-Chloronaphthalene	9.23	162	1703430	63.204	ng	99
48) 2-Nitroaniline	9.32	65	638302	86.893	ng	95
49) Acenaphthylene	9.64	152	2830944	71.665	ng	98
50) Dimethylphthalate	9.51	163	2003387	64.861	ng	99
51) 2,6-Dinitrotoluene	9.56	165	495702	71.659	ng	96
52) Acenaphthene	9.81	154	1712275	72.561	ng	100
53) 3-Nitroaniline	9.73	138	582745	77.759	ng	98
54) 2,4-Dinitrophenol	9.83	184	203484	91.658	ng	# 84
55) Dibenzofuran	9.98	168	2396967	66.470	ng	98
56) 4-Nitrophenol	9.89	139	481499	121.524	ng	100
57) 2,4-Dinitrotoluene	9.96	165	632291	71.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	516131	81.220	ng	97
60) Diethylphthalate	10.20	149	2120684	69.186	ng	99
62) 4-Nitroaniline	10.35	138	560042	76.188	ng	98
63) Azobenzene	10.47	77	2123458	78.770	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	262163	61.085	ng	83
66) n-Nitrosodiphenylamine	10.44	169	1675501	64.945	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	570017	63.313	ng	98
68) Hexachlorobenzene	10.87	284	643518	66.622	ng	97
69) Atrazine	10.96	200	533276	64.061	ng	99
70) Pentachlorophenol	11.06	266	409675	109.001	ng	97
71) Phenanthrene	11.28	178	2547670	64.018	ng	99
72) Anthracene	11.33	178	2587999	65.284	ng	98
73) Carbazole	11.48	167	2499985	63.933	ng	98
74) Di-n-butylphthalate	11.82	149	3024643	62.317	ng	97
75) Fluoranthene	12.46	202	2735249	64.082	ng	99
77) Benzidine	12.57	184	1612990	149.217	ng	# 92
78) Pyrene	12.69	202	2748484	101.079	ng	98
80) Butylbenzylphthalate	13.31	149	1262502	95.966	ng	98
81) Benzo(a)anthracene	13.86	228	2106138	91.224	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	784209	90.760	ng	98
83) Chrysene	13.90	228	2105236	95.526	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	1346519	72.105	ng	100
85) Di-n-octyl phthalate	14.48	149	2348603	81.744	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	2003922	114.754	ng	98
88) Benzo(b)fluoranthene	14.88	252	1865492	77.696	ng	99
89) Benzo(k)fluoranthene	14.91	252	1722158	74.882	ng	99
90) Benzo(a)pyrene	15.22	252	1692385	78.336	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	1585847	91.079	ng	100
92) Benzo(g,h,i)perylene	17.05	276	1713689	104.321	ng	99

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

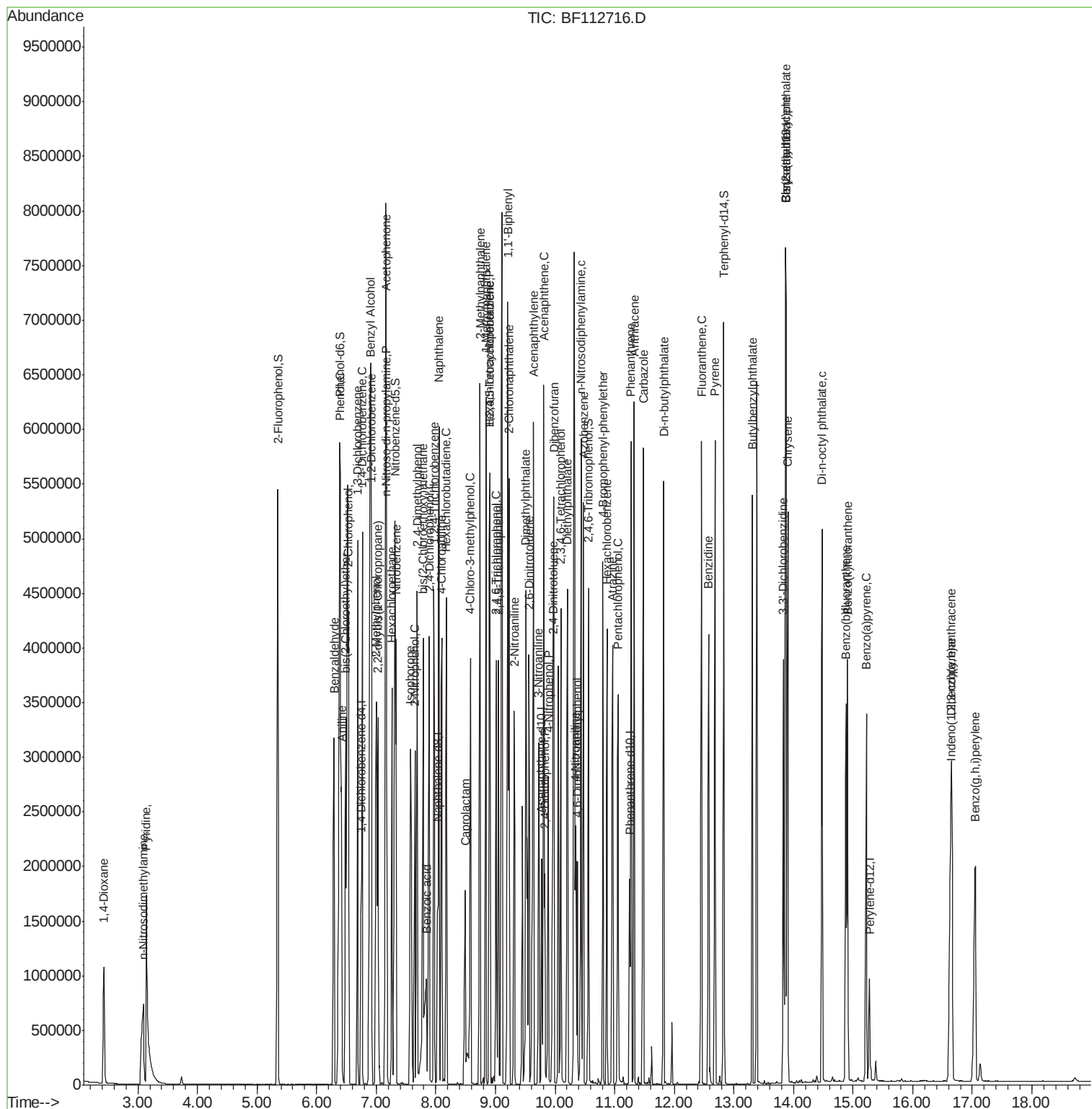
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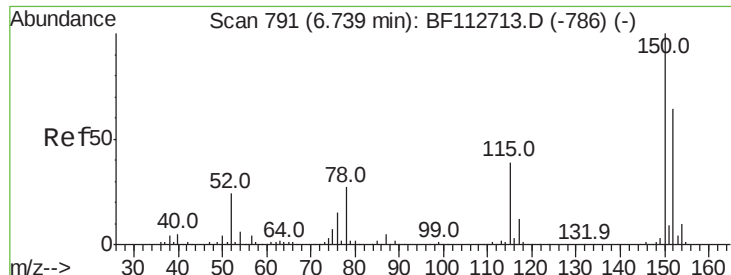
Instrument :
BNA_F
Client Sample ID :
SSTDICC080

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#1

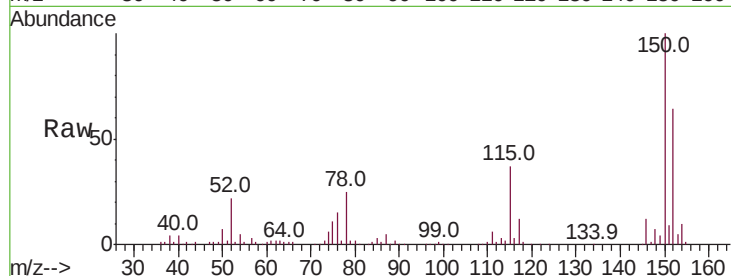
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	57.6	48.2	72.4

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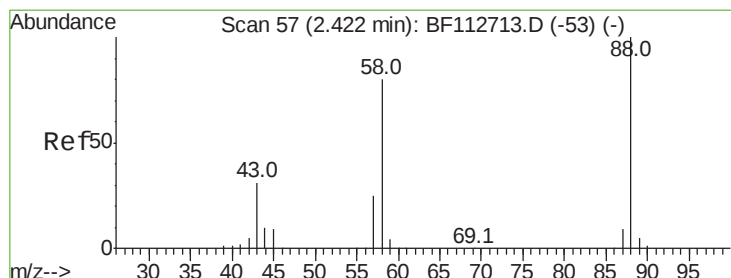
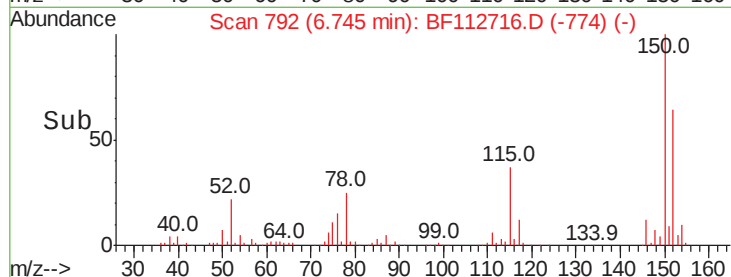
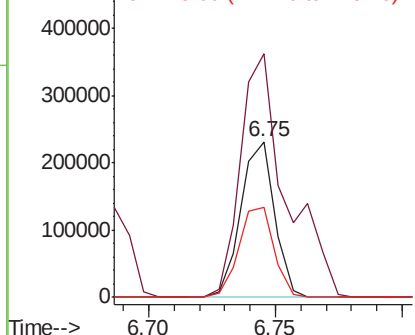


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

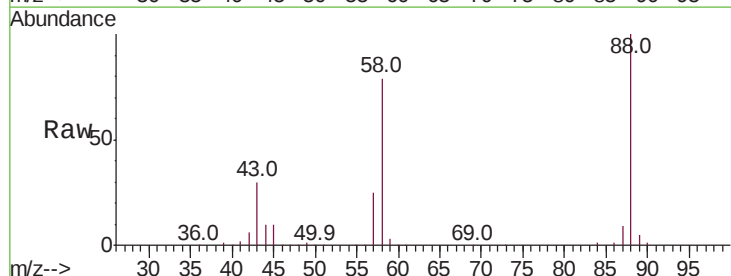
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 131.848 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	63.1	94.7
43	29.8	24.3	36.5

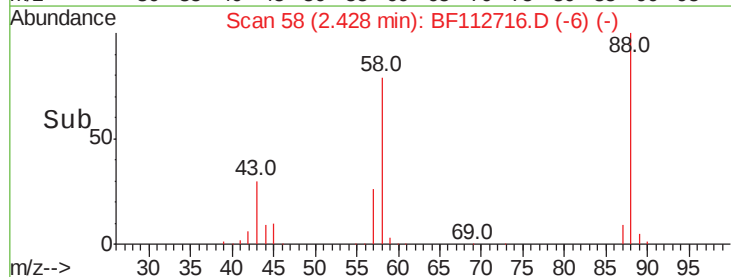
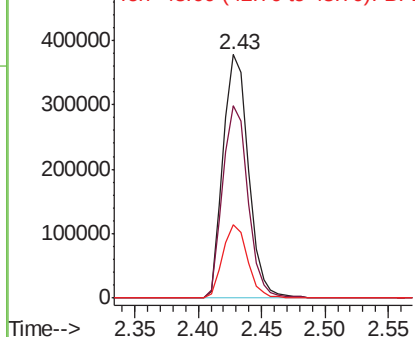


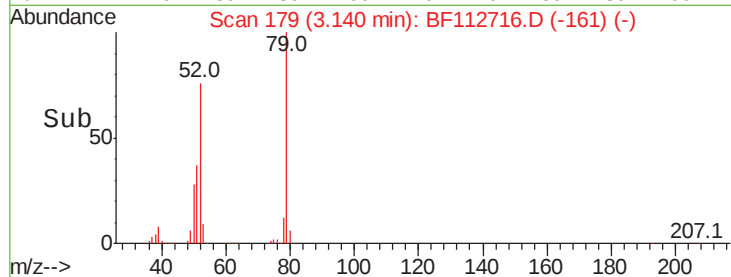
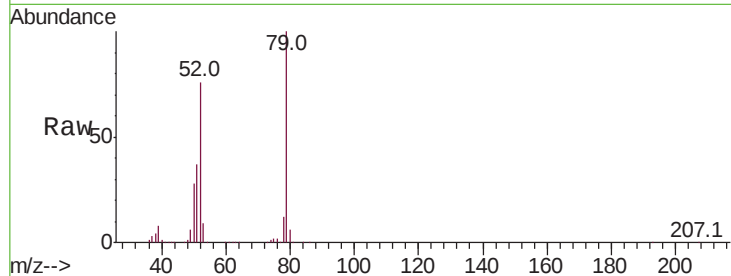
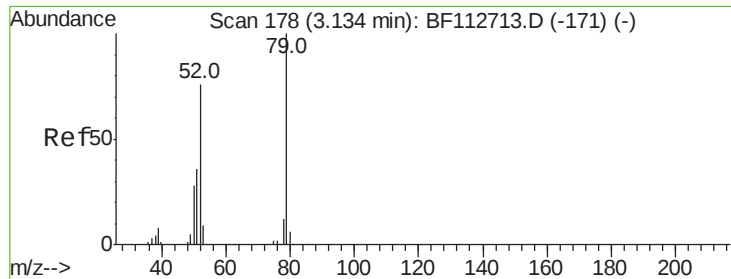
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





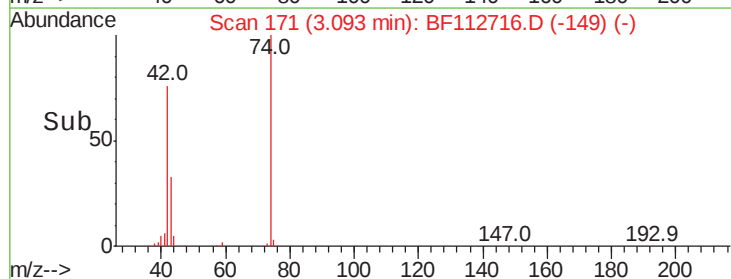
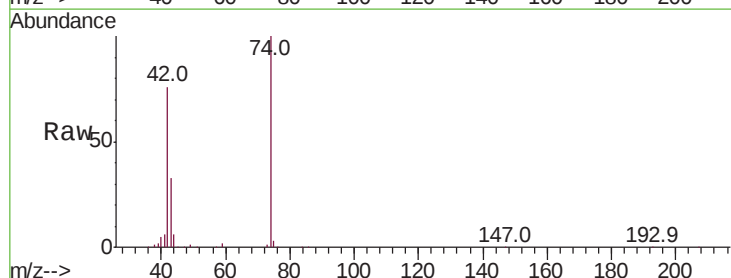
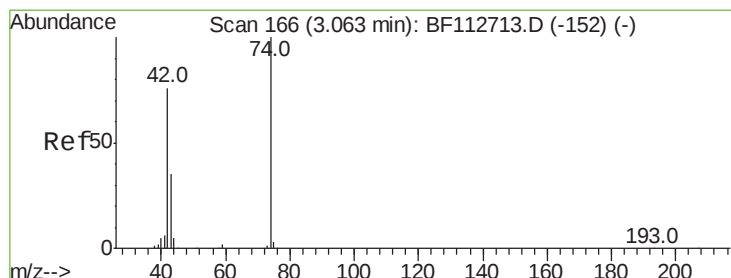
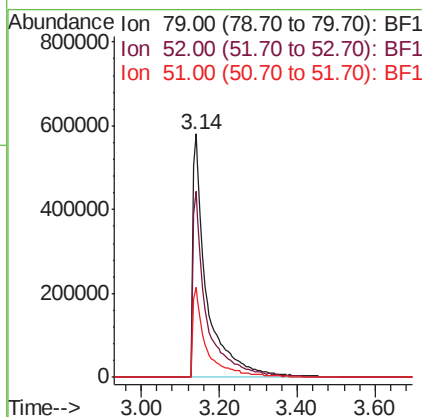
#3
Pvridine
Concen: 142.822 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tot Ion: 79 Resp: 1455525
Ion Ratio Lower Upper
79 100
52 76.5 60.5 90.7
51 36.8 28.8 43.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

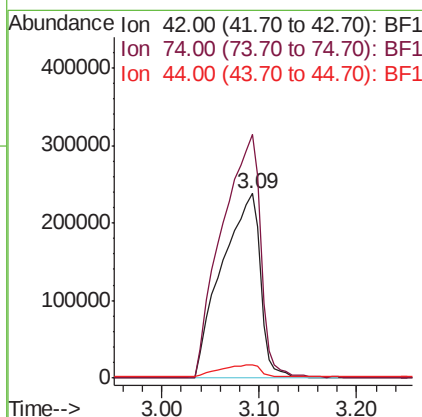
Manual Integrations
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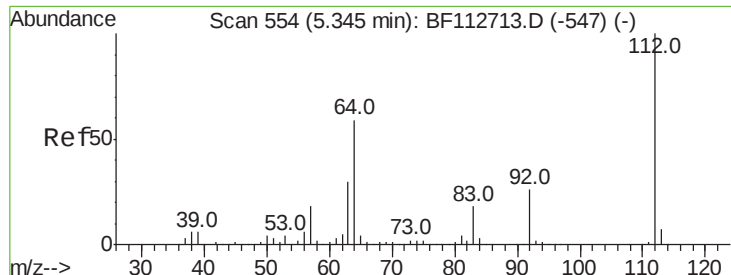
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#4
n-Nitrosodimethylamine
Concen: 152.894 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.03 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion: 42 Resp: 654638
Ion Ratio Lower Upper
42 100
74 132.0 105.8 158.8
44 7.3 6.2 9.2





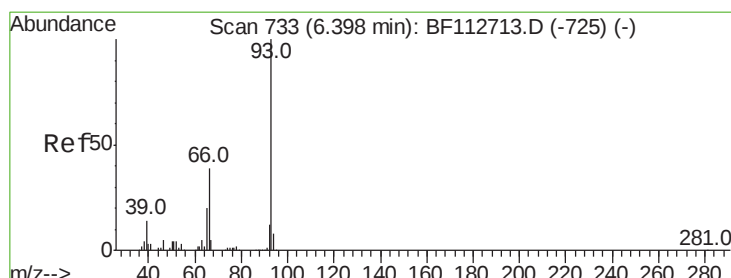
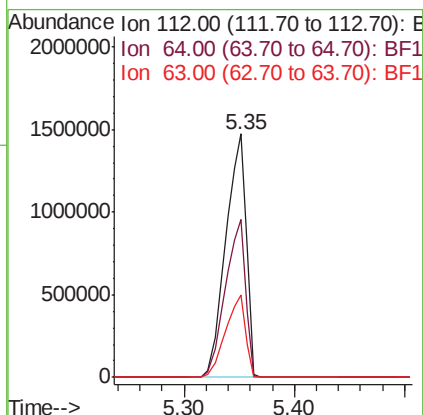
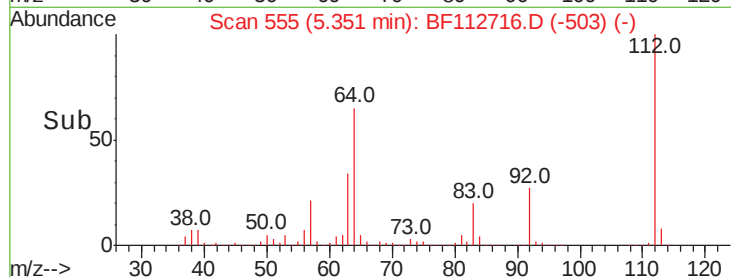
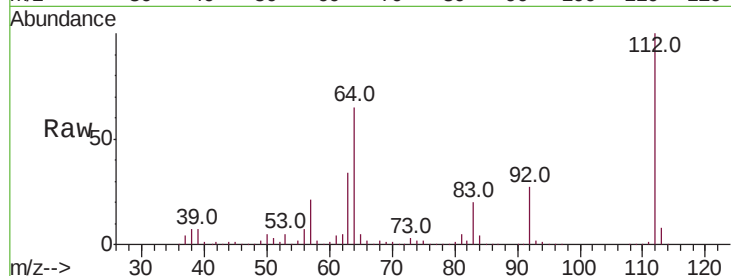
#5
2-Fluorophenol
Concen: 189.856 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	112	Resp:	1909409
Ion Ratio	Lower	Upper	
112	100		
64	64.7	47.6	71.4
63	33.9	24.4	36.6

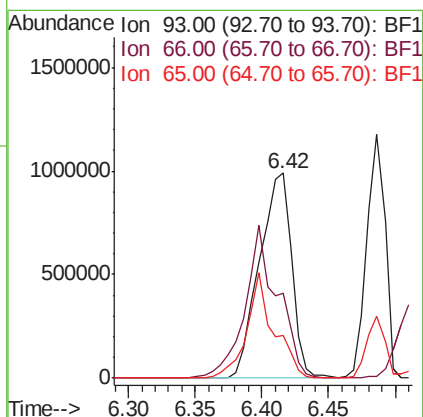
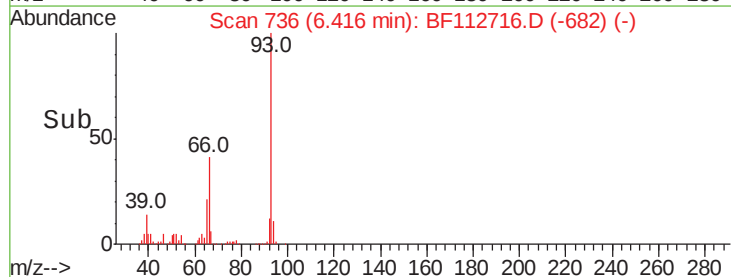
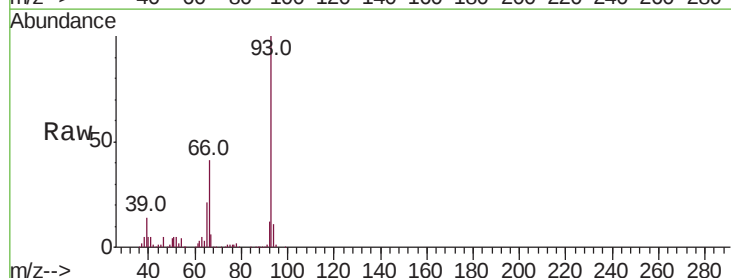
Manual Integrations
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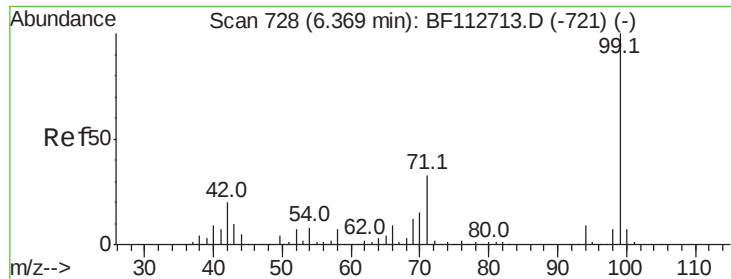
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#6
Aniline
Concen: 100.374 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion:	93	Resp:	1668635
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.2	48.2
65	20.5	16.2	24.4





#7

Phenol-d6

Concen: 169.796 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2372881

Ion Ratio Lower Upper

99 100

42 21.6 16.3 24.5

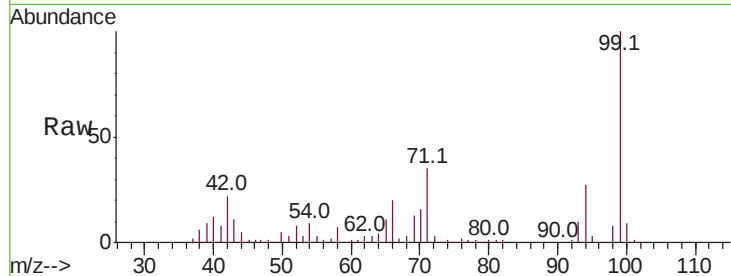
71 34.8 26.2 39.4

Manual Integrations

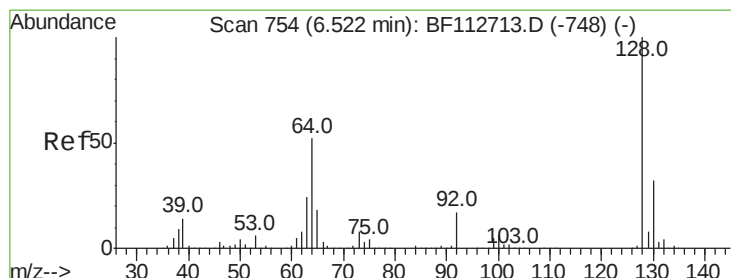
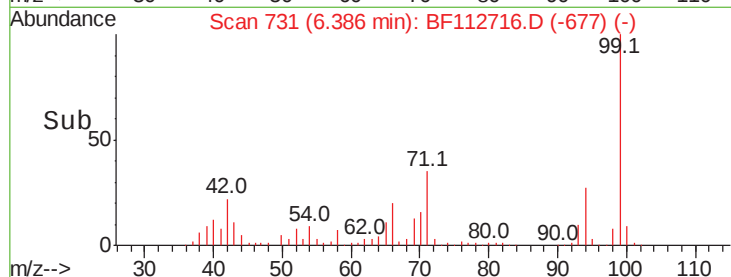
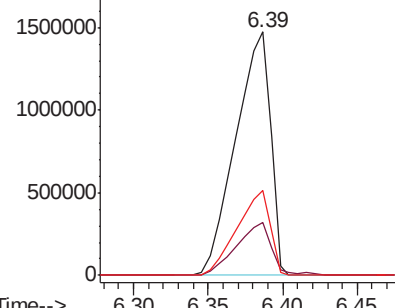
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 78.377 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

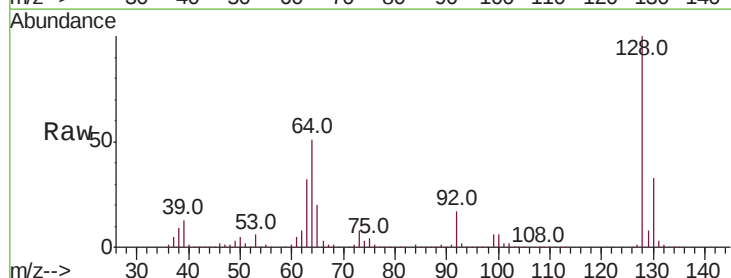
Tgt Ion:128 Resp: 1060397

Ion Ratio Lower Upper

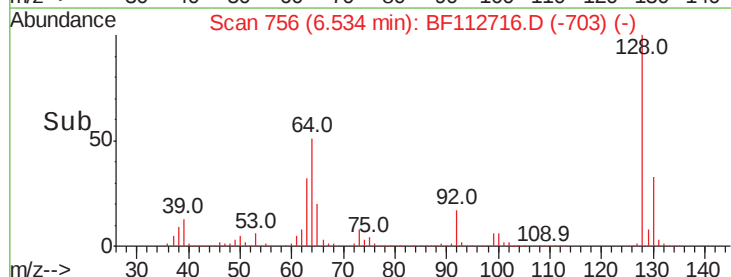
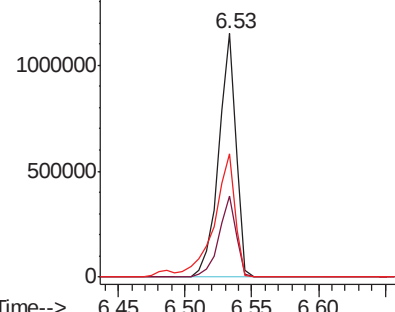
128 100

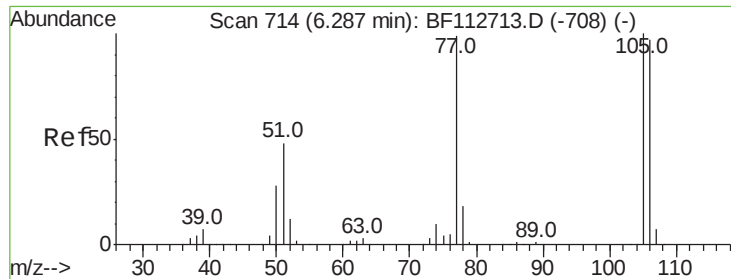
130 33.2 12.4 52.4

64 50.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
1500000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 117.570 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

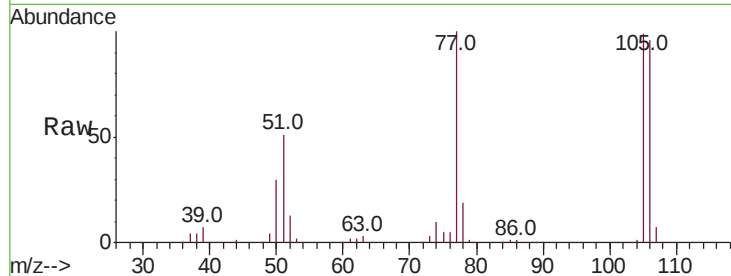
ClientSampled :

SSTDIC080

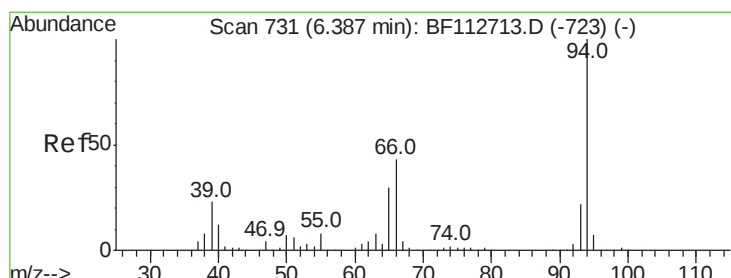
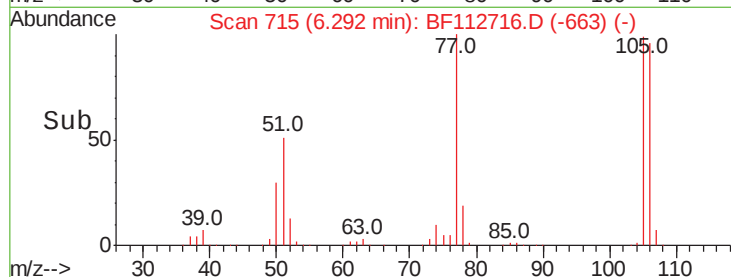
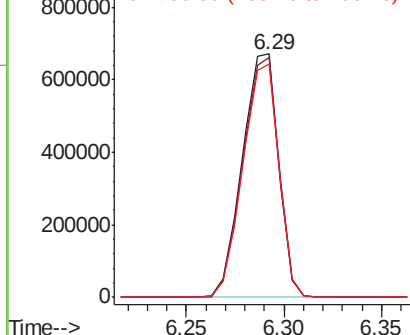
Tot Ion:	77	Resp:	858777
Ion Ratio	Lower	Upper	
77	100		
105	98.7	81.4	121.4
106	96.0	78.3	118.3

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 89.884 ng

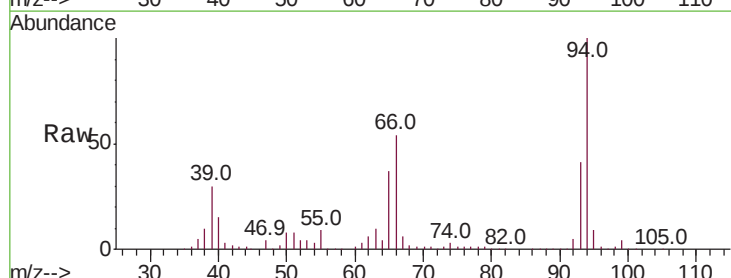
RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

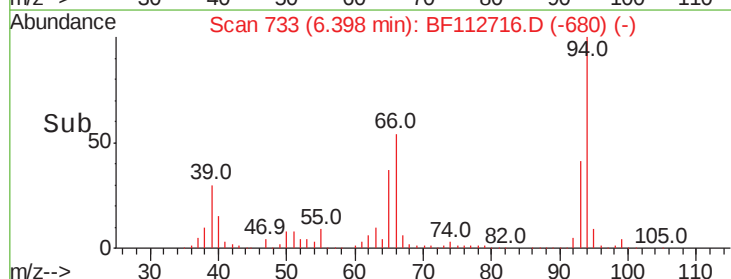
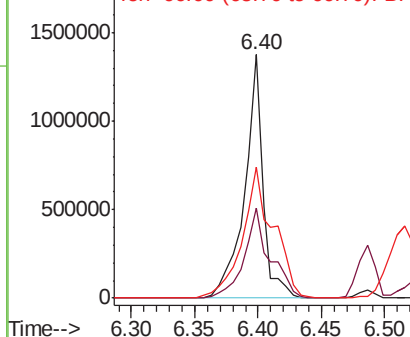
Lab File: BF112716.D

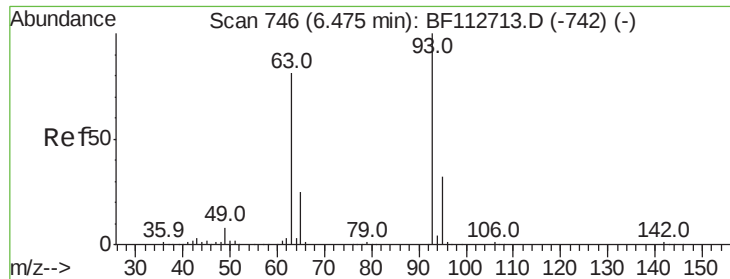
Acq: 27 Feb 2019 13:07

Tgt Ion:	94	Resp:	1378099
Ion Ratio	Lower	Upper	
94	100		
65	37.1	10.5	50.5
66	53.8	22.6	62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





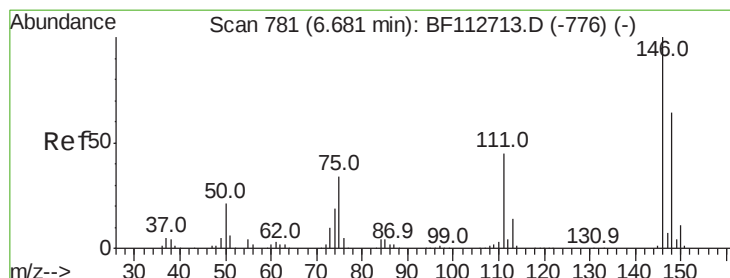
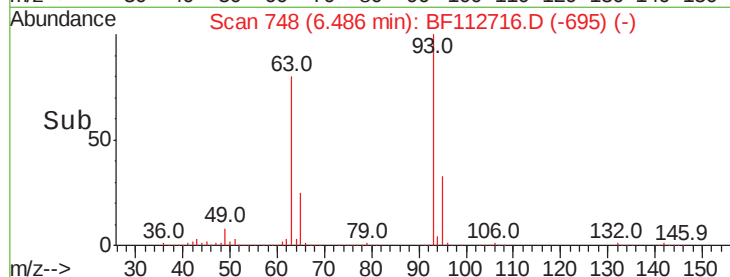
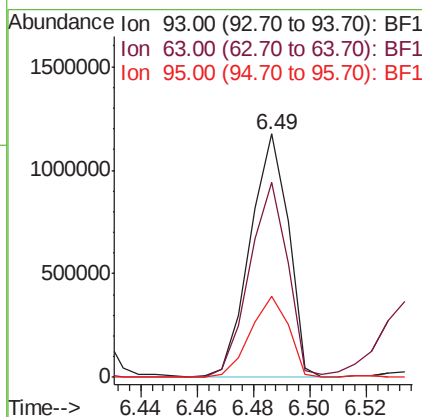
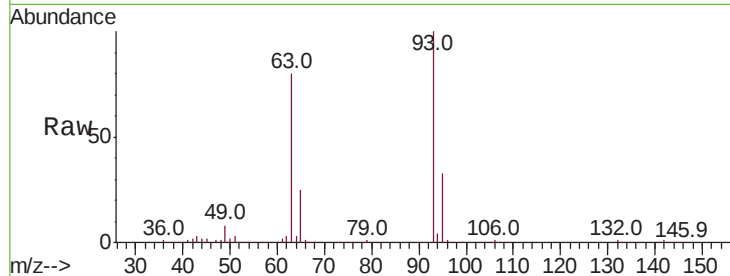
#11
bis(2-Chloroethyl)ether
Concen: 91.188 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.5	100.5
95	33.1	12.1	52.1

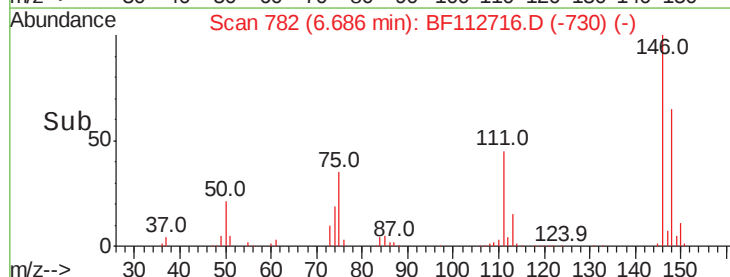
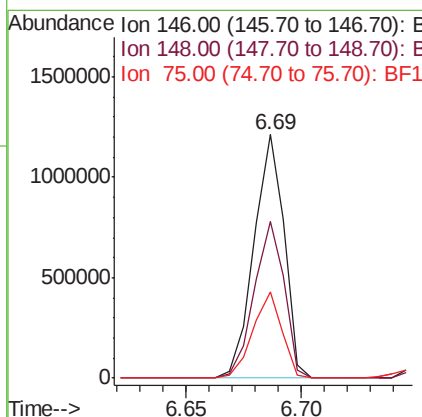
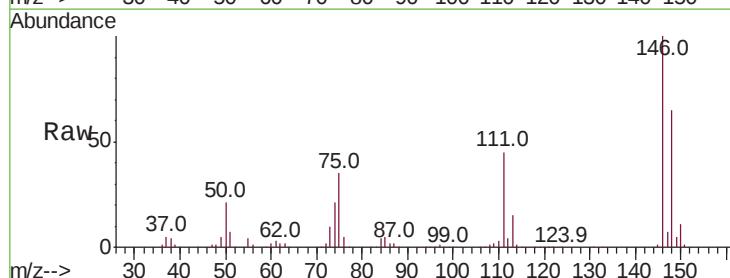
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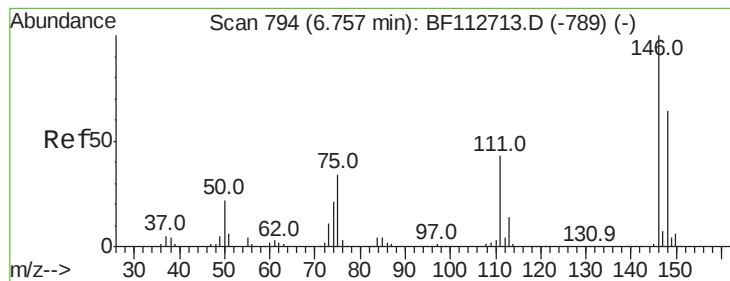
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#12
1,3-Dichlorobenzene
Concen: 70.376 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	35.4	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 67.541 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1095237

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

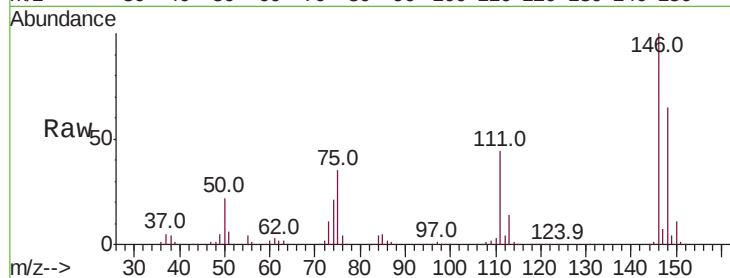
111 43.9 34.5 51.7

Manual Integrations

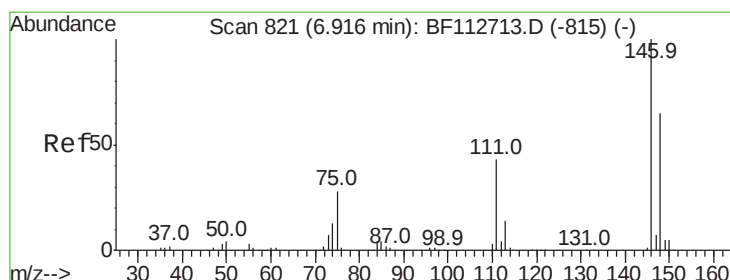
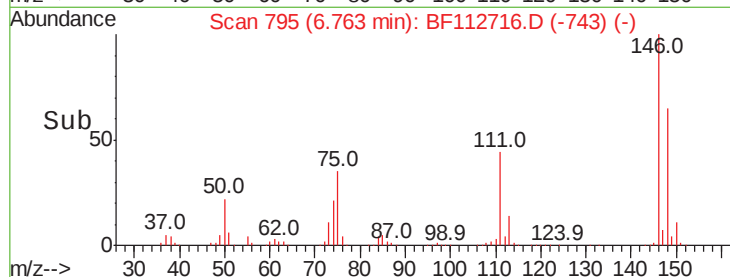
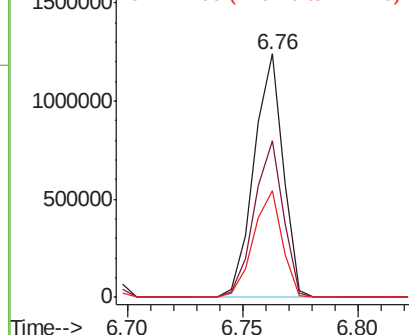
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 62.943 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

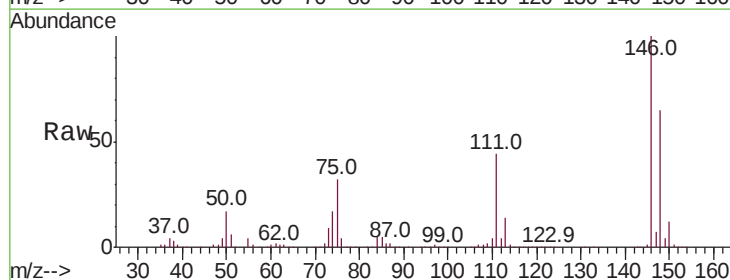
Tgt Ion:146 Resp: 955633

Ion Ratio Lower Upper

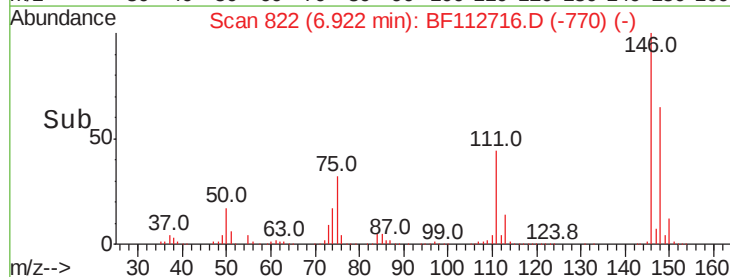
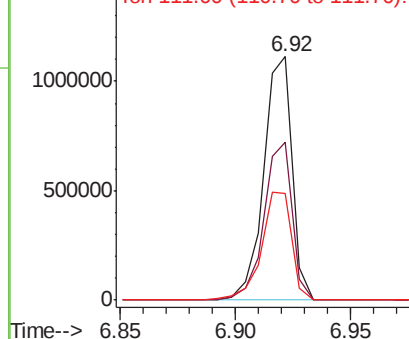
146 100

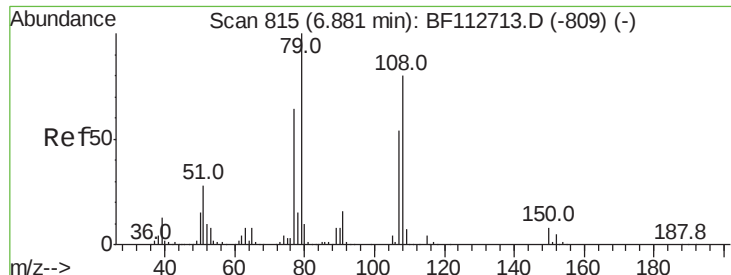
148 64.8 52.0 78.0

111 43.7 34.8 52.2



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: 77.991 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

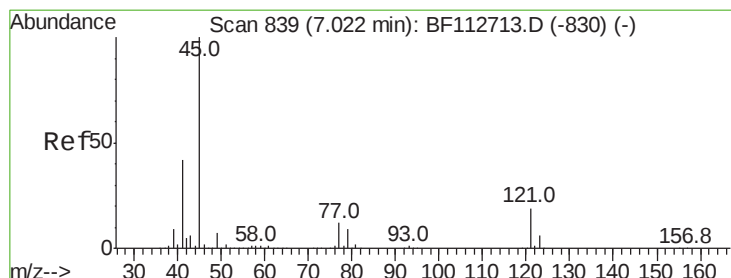
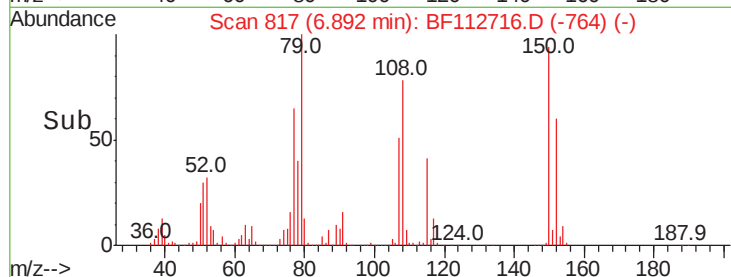
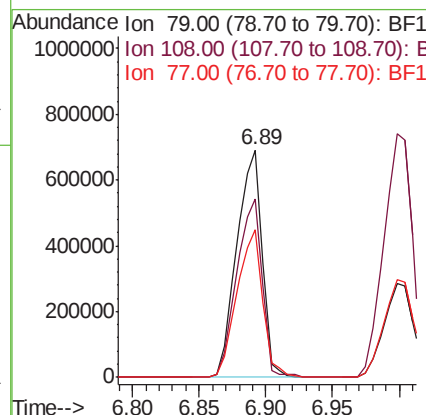
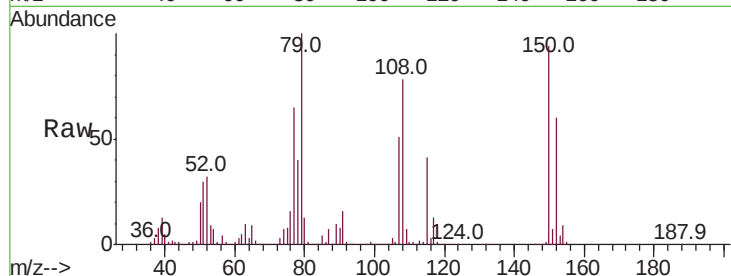
ClientSampleID :

SSTDIC080

Tot Ion:	79	Resp:	918770
Ion Ratio	Lower	Upper	
79	100		
108	78.3	64.2	96.4
77	64.9	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 119.189 ng

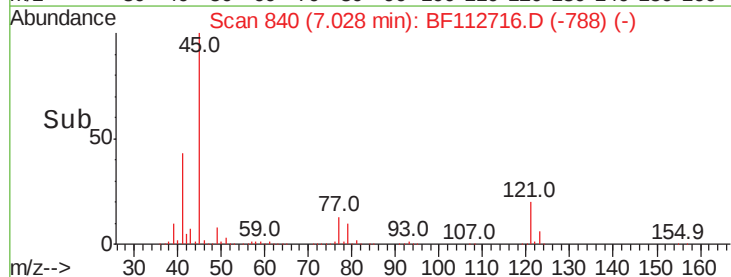
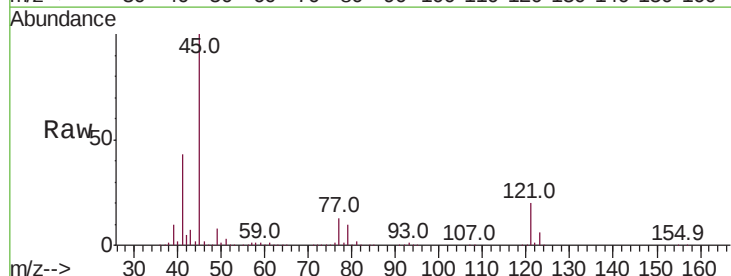
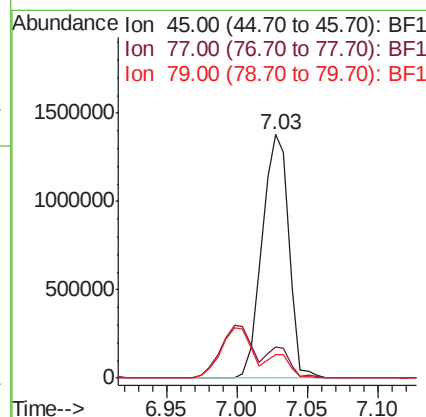
RT: 7.03 min Scan# 840

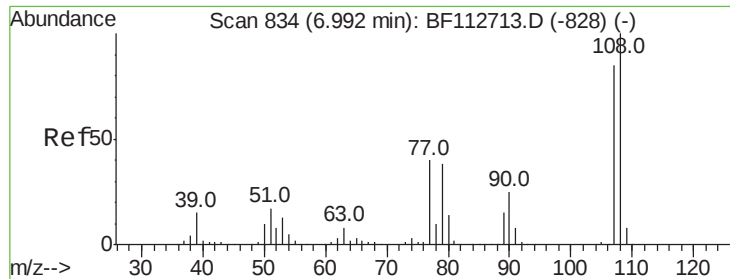
Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tgt Ion:	45	Resp:	1847222
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.1
79	9.7	0.0	29.4





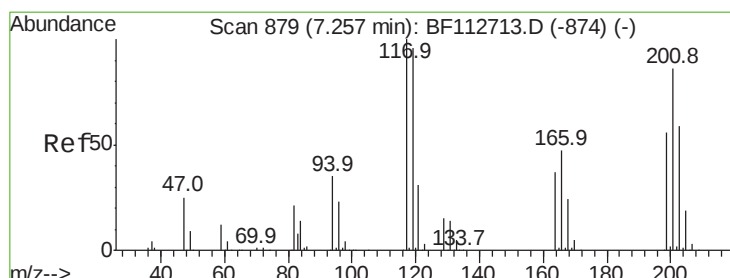
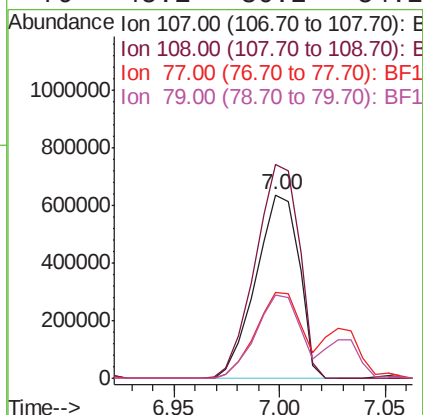
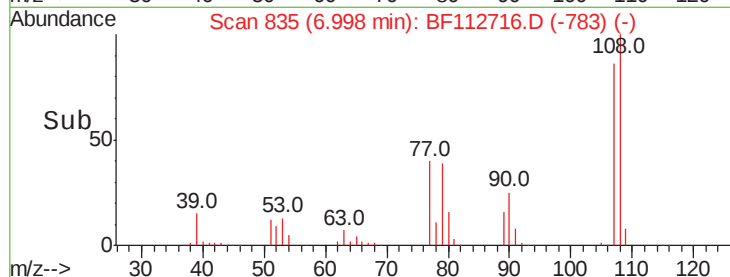
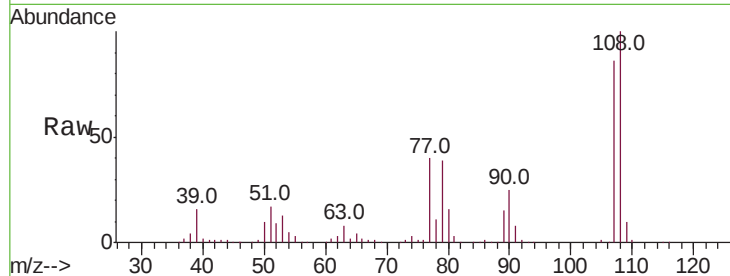
#17
2-Methylphenol
Concen: 84.786 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.6	142.0
77	47.0	37.8	56.8
79	45.1	36.2	54.2

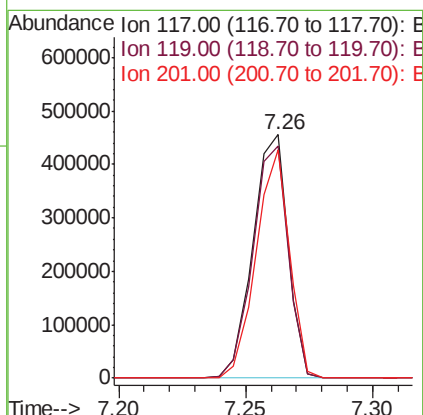
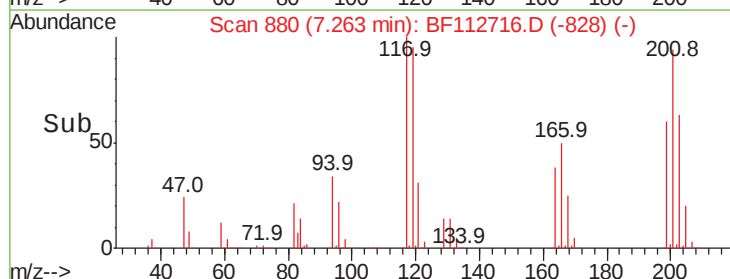
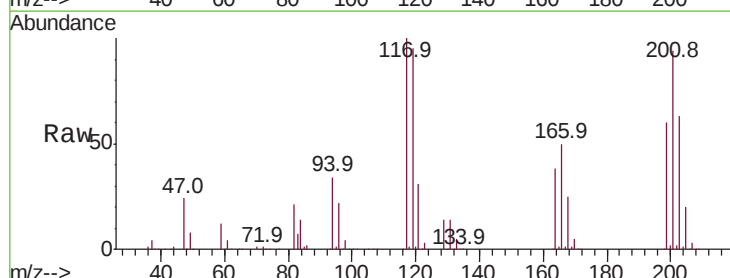
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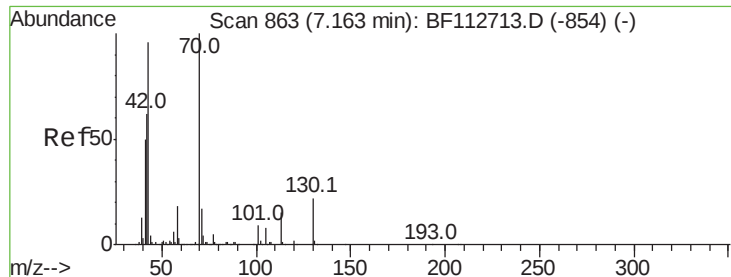
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#18
Hexachloroethane
Concen: 77.520 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	115.0
201	93.7	68.9	103.3





#19

n-Nitroso-di-n-propylamine

Concen: 83.513 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

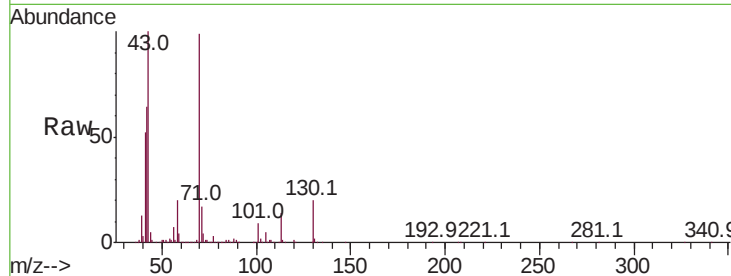
ClientSampleId :

SSTDICC080

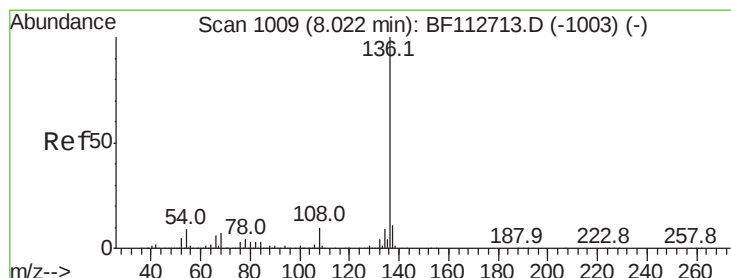
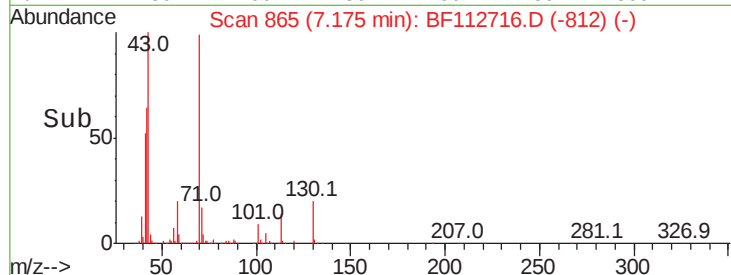
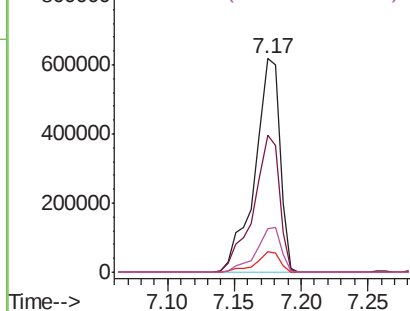
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.2	49.9	74.9		
101	9.4	7.4	11.2		
130	20.6	17.4	26.2		

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Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

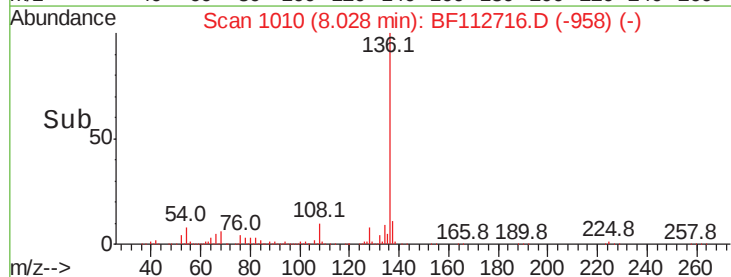
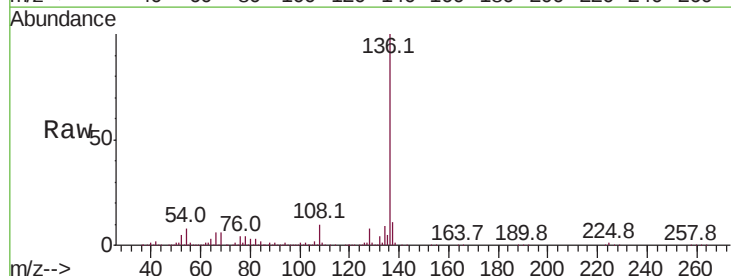
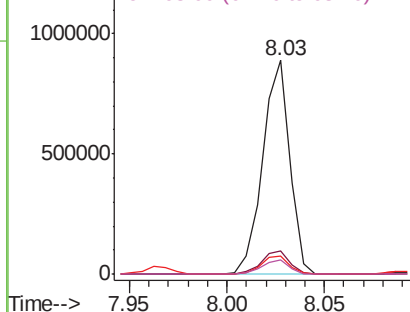
Delta R.T. 0.01 min

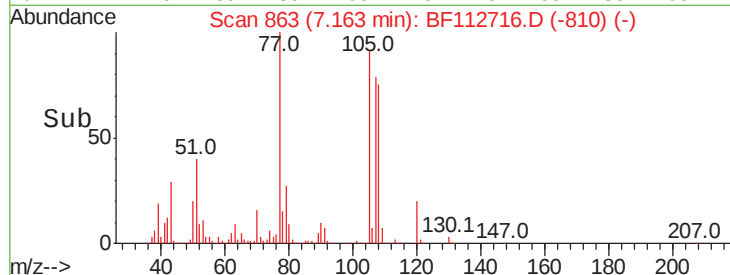
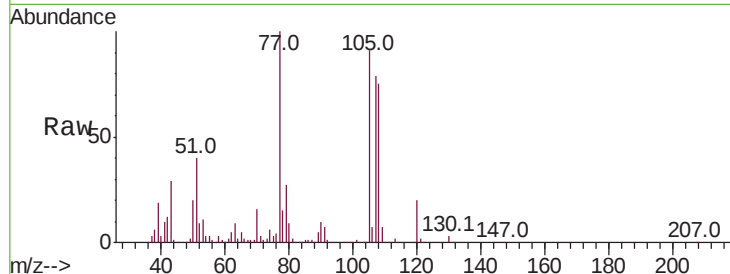
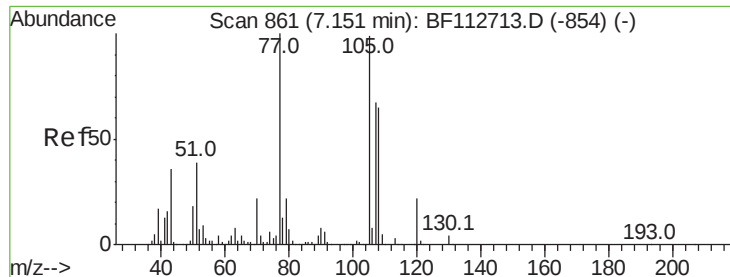
Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.9	13.3		
54	8.4	7.3	10.9		
68	6.4	5.4	8.2		

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: 68.286 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tot Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.0	4.4#
51	44.6	31.5	47.3
120	22.1	18.1	27.1

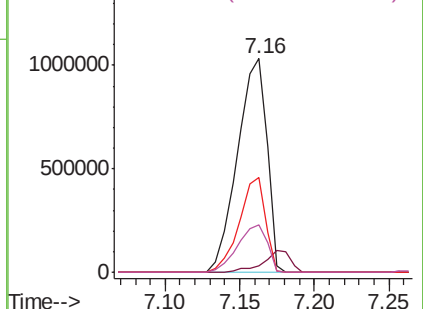
Abundance

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



Instrument :

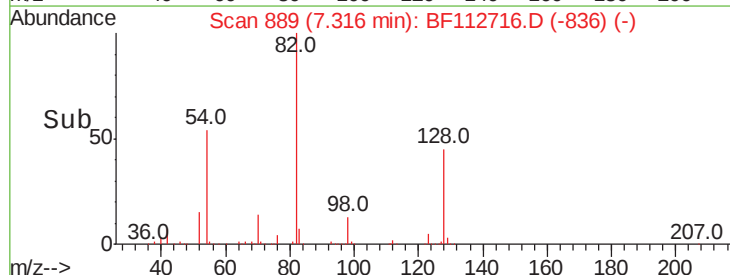
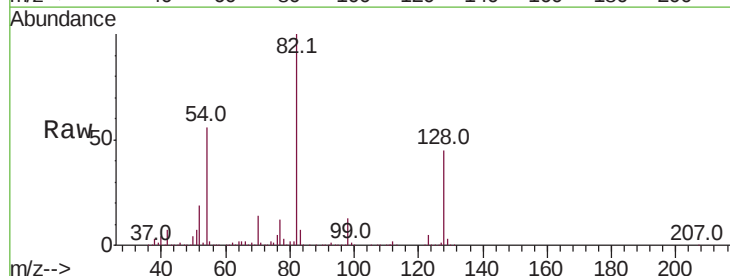
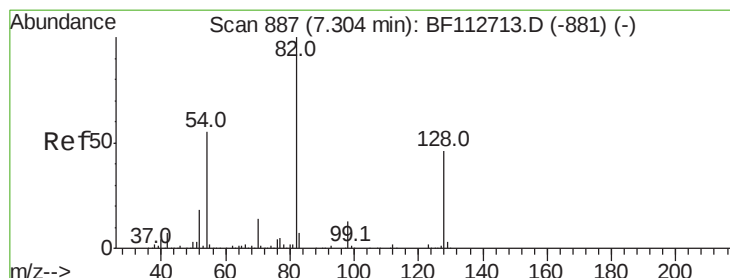
BNA_F

ClientSampleId :

SSTDIC080

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#23

Nitrobenzene-d5

Concen: 146.829 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

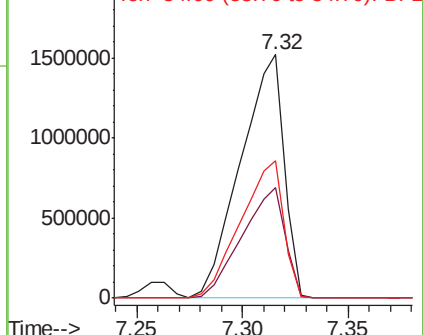
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	56.4	43.7	65.5

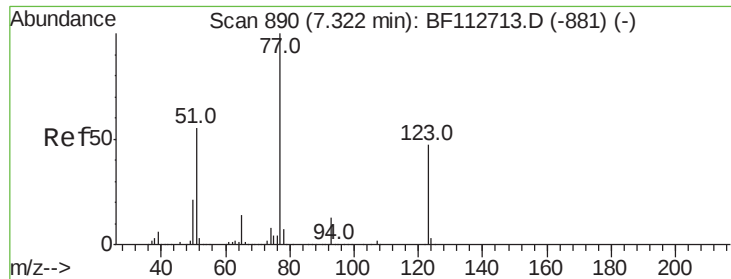
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





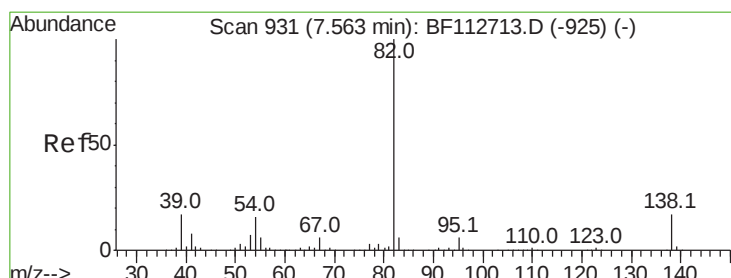
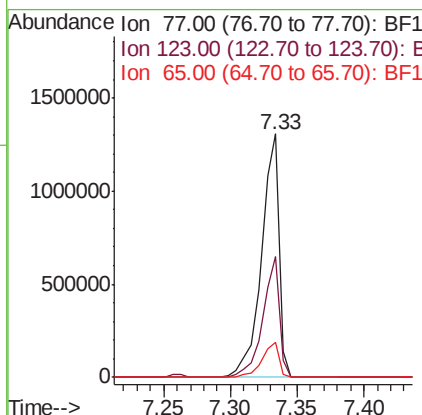
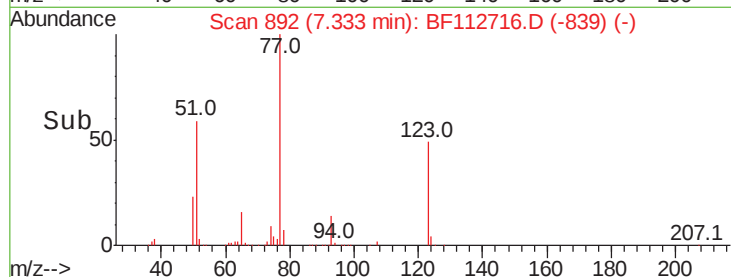
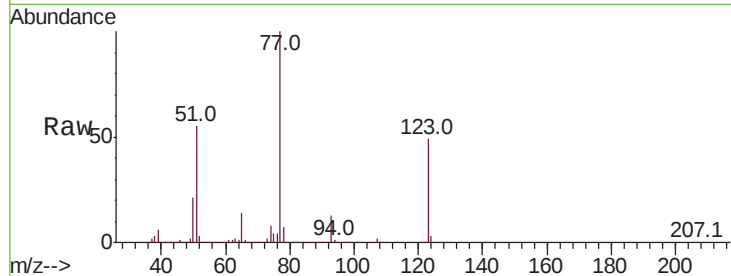
#24
Nitrobenzene
Concen: 79.564 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 77 Resp: 1174124
Ion Ratio Lower Upper
77 100
123 49.3 37.8 56.6
65 14.3 11.1 16.7

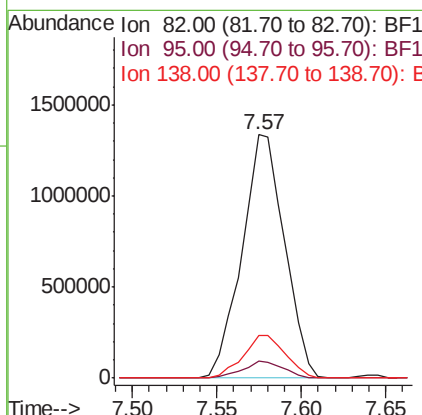
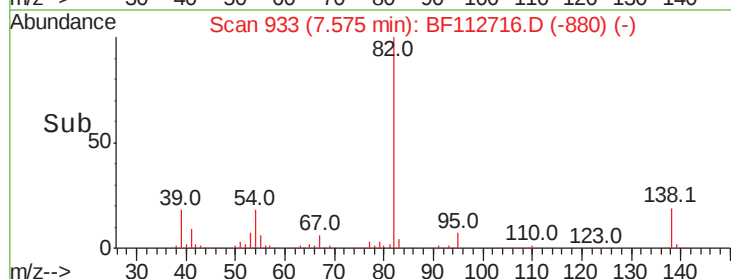
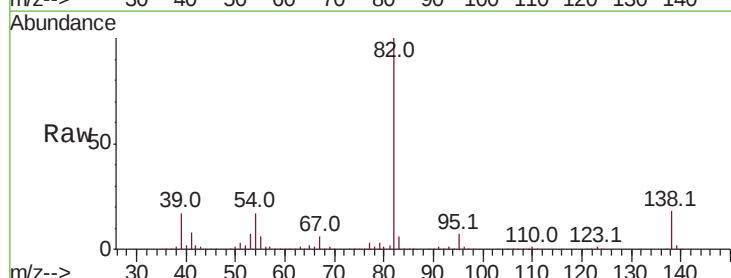
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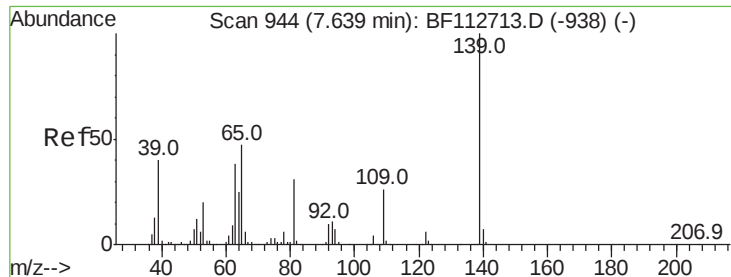
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#25
Isophorone
Concen: 100.733 ng
RT: 7.57 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion: 82 Resp: 2335026
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.6 13.8 20.8





#26

2-Nitrophenol

Concen: 71.365 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

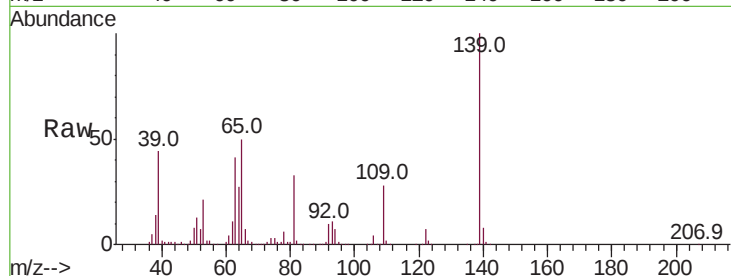
ClientSampleId :

SSTDIC080

Tot Ion:	139	Resp:	562810
Ion Ratio	Lower	Upper	
139	100		
109	28.1	20.6	31.0
65	50.1	37.9	56.9

Manual Integrations
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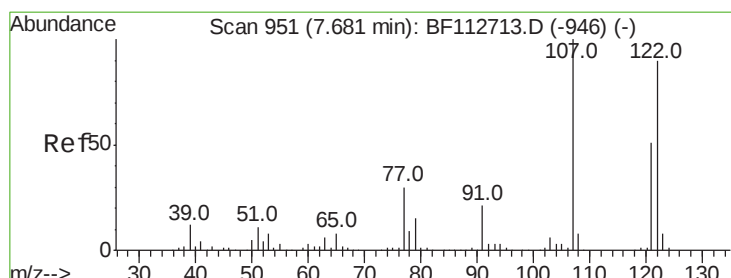
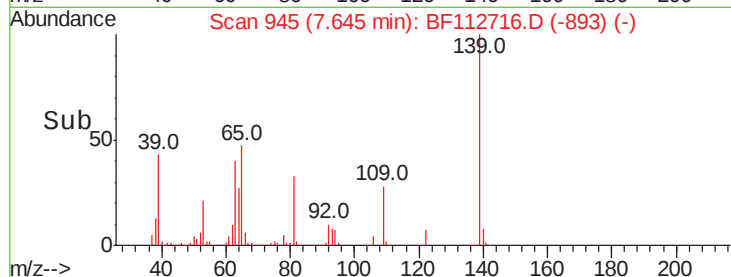
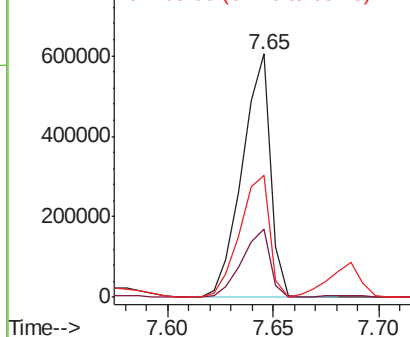


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 81.327 ng

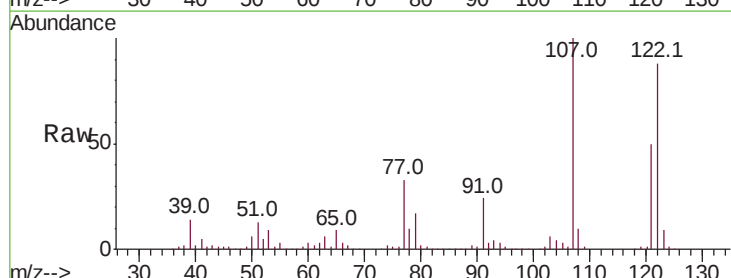
RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tgt Ion:	122	Resp:	883660
Ion Ratio	Lower	Upper	
122	100		
107	113.2	89.4	134.0
121	57.2	45.5	68.3

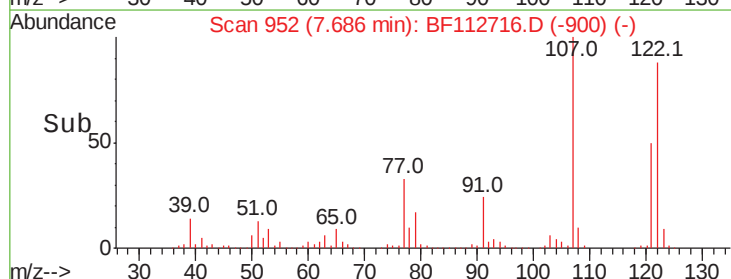
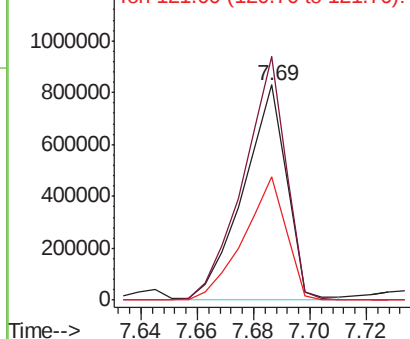


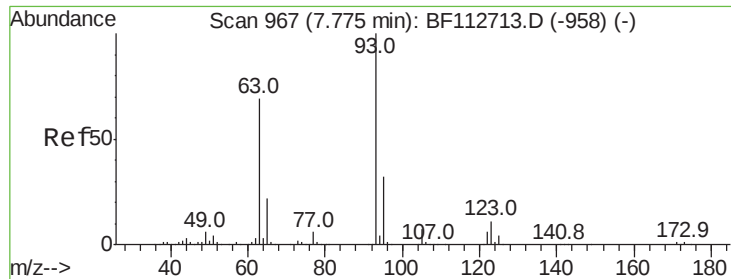
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





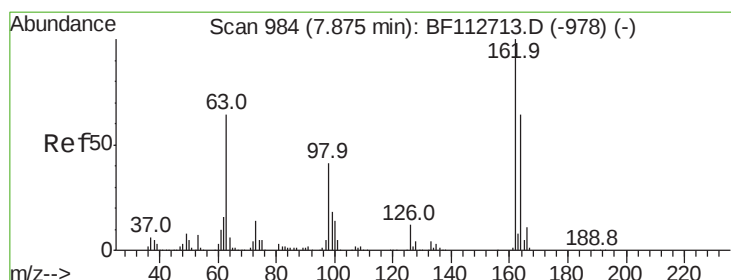
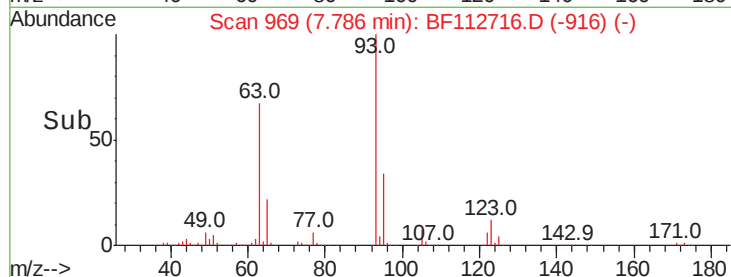
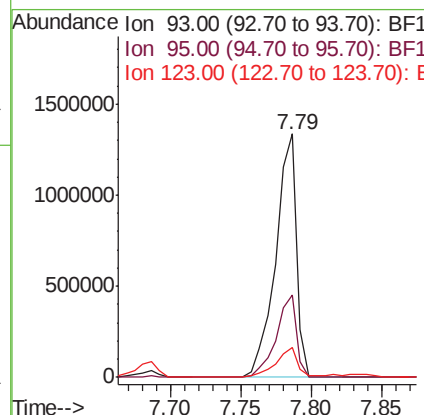
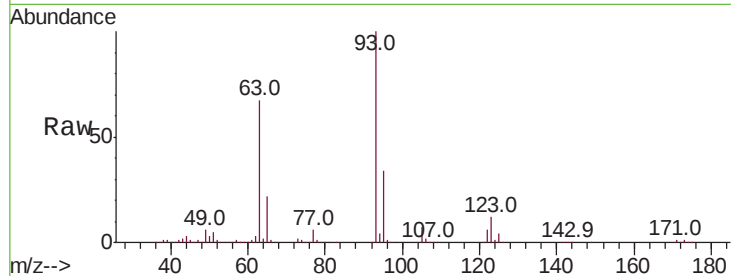
#28
 bis(2-Chloroethoxy)methane
 Concen: 87.290 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 93 Resp: 1377766
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.0 39.0
 123 12.3 9.3 13.9

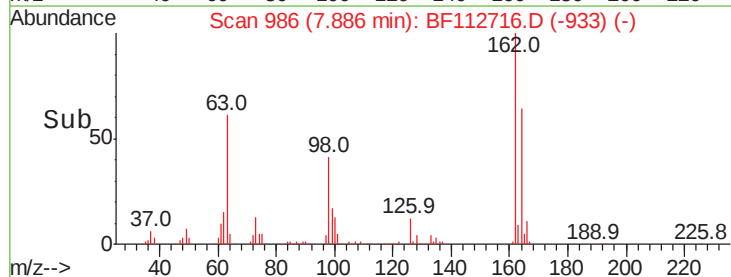
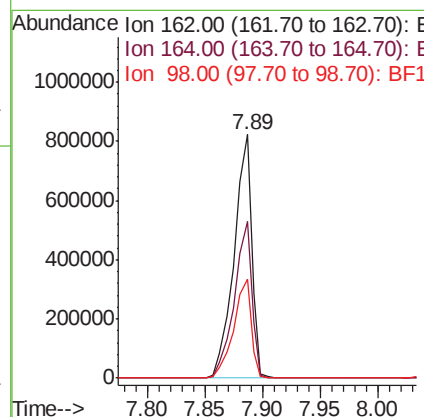
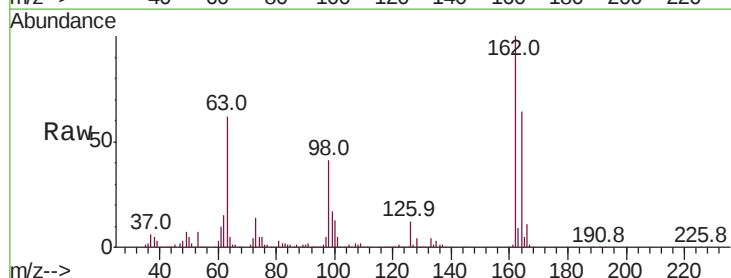
Manual Integrations
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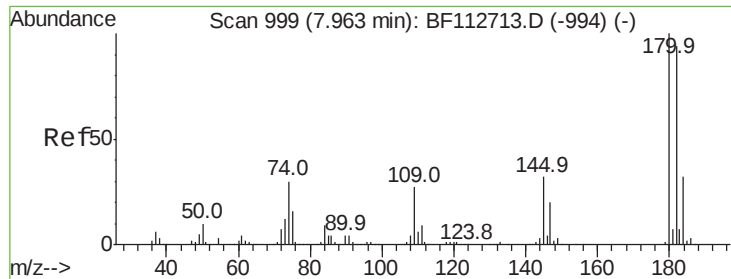
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#29
 2,4-Dichlorophenol
 Concen: 71.834 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion: 162 Resp: 873448
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.0 84.0
 98 40.7 20.7 60.7





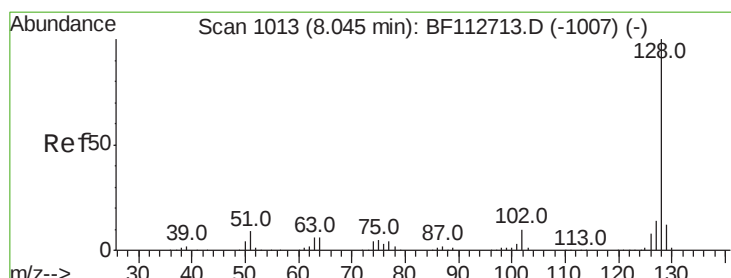
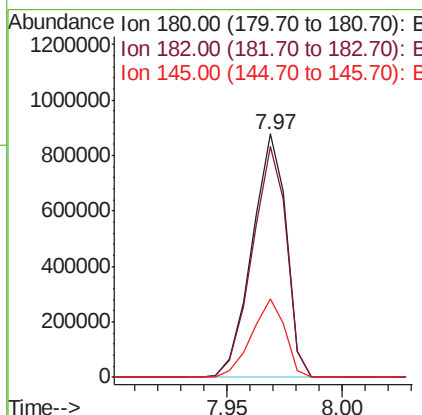
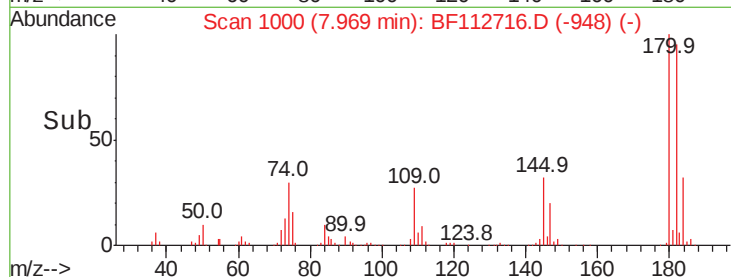
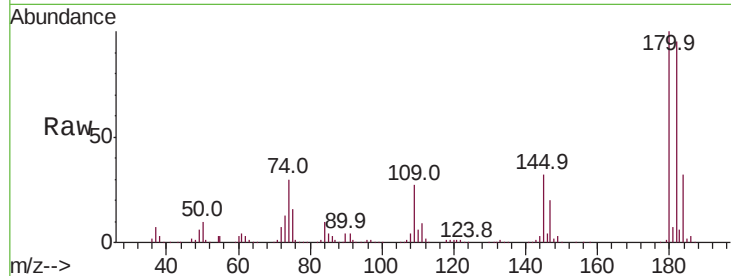
#30
 1,2,4-Trichlorobenzene
 Concen: 64.938 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.2	112.8
145	32.2	25.4	38.0

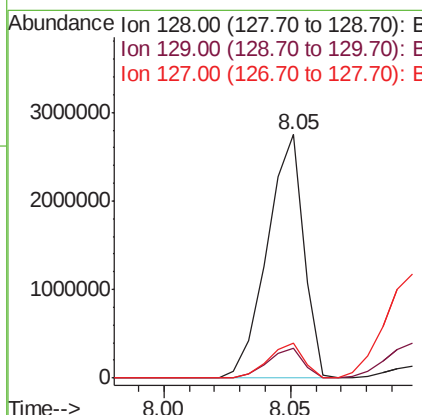
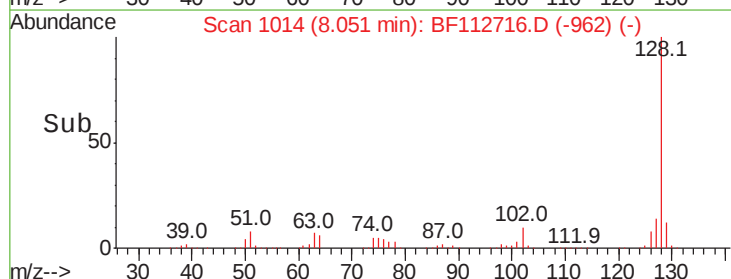
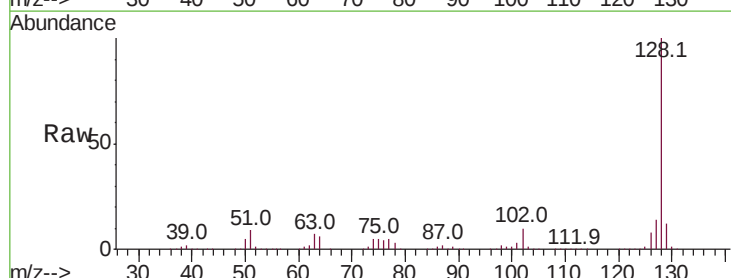
Manual Integrations
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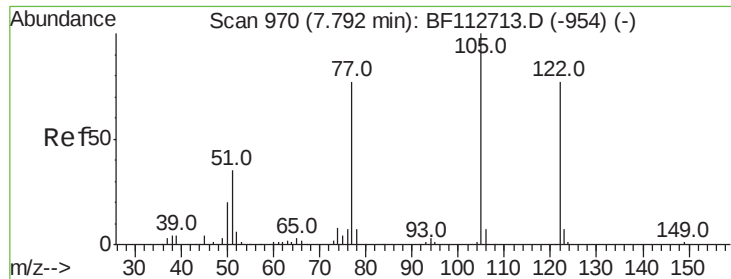
Sohil
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#31
 Naphthalene
 Concen: 70.003 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.3	13.9
127	14.5	10.9	16.3





#32

Benzoic acid

Concen: 126.680 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.05 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

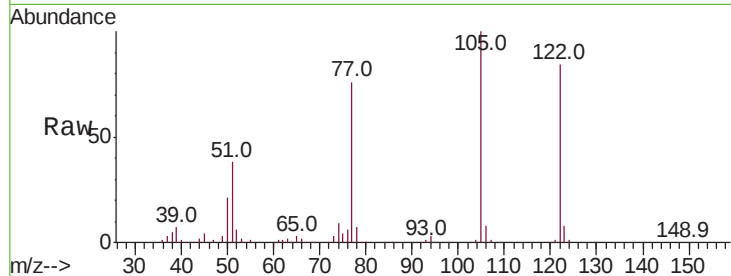
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	785148
Ion Ratio	Lower	Upper	
122	100		
105	119.5	106.8	146.8
77	90.7	79.4	119.4

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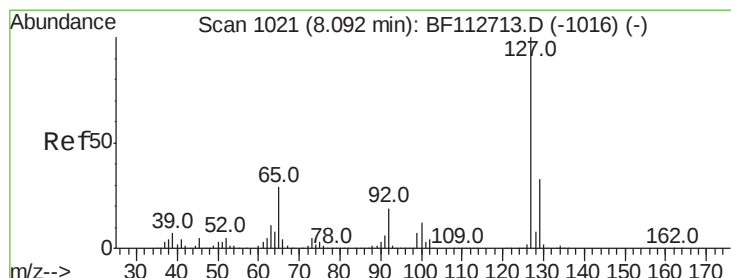
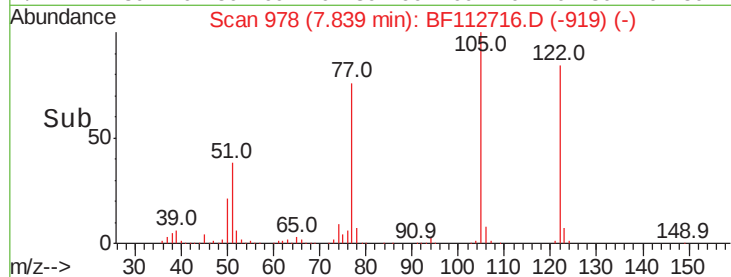
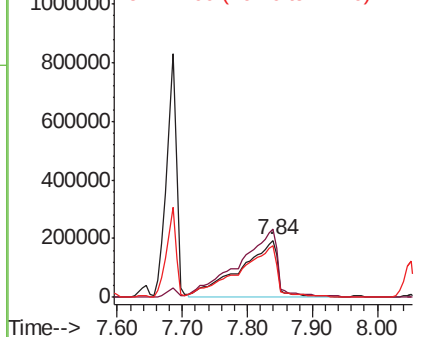


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 72.697 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tgt Ion:	127	Resp:	1260289
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.4	39.6
65	31.7	23.1	34.7
92	19.8	14.9	22.3

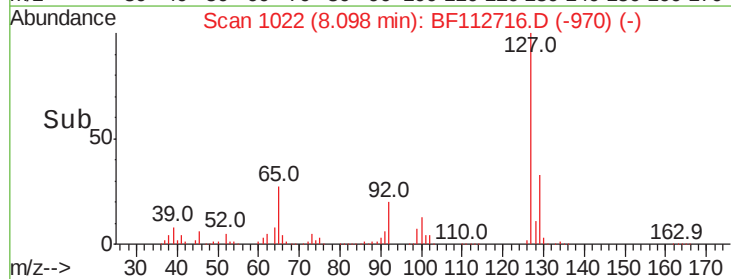
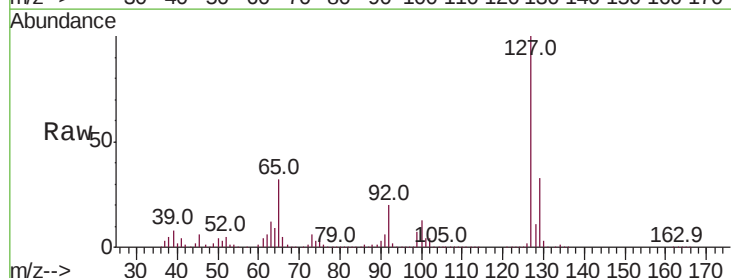
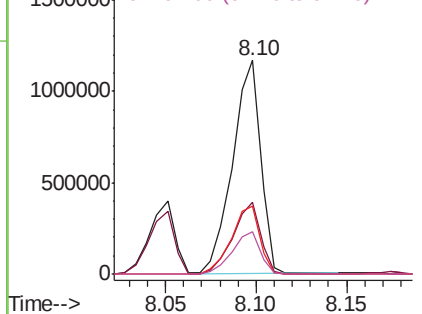
Abundance

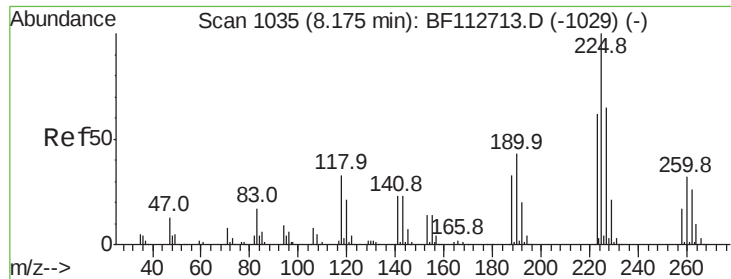
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





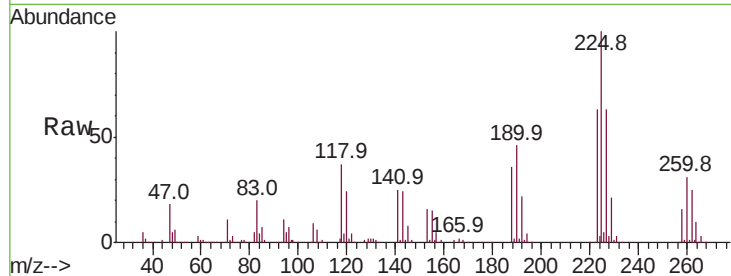
#34
Hexachlorobutadiene
Concen: 63.080 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

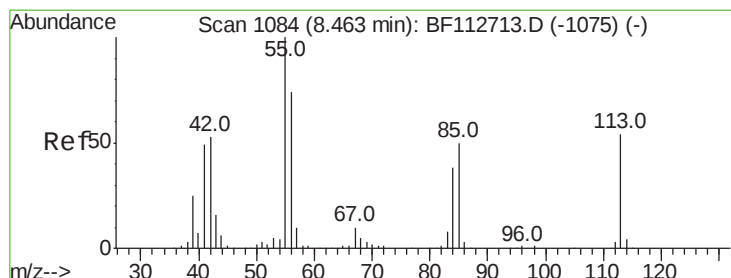
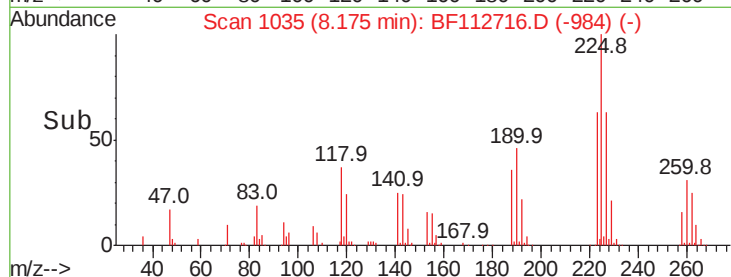
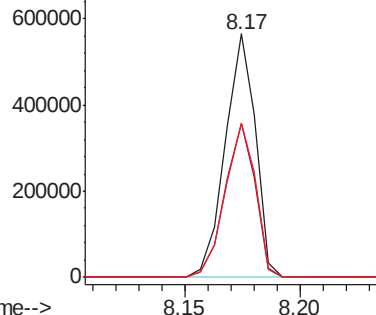
Tot Ion:	225	Resp:	517366
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.7	74.5
227	63.3	52.1	78.1

Manual Integrations
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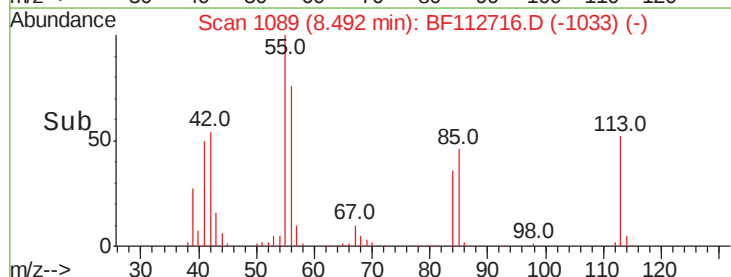
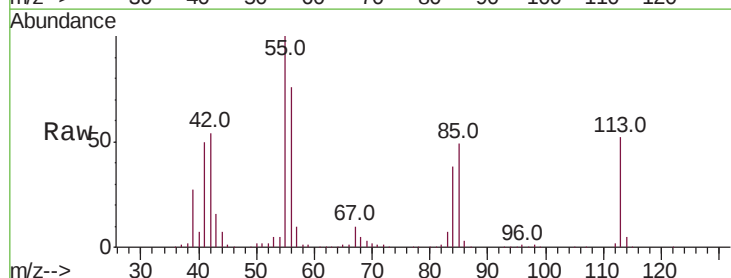
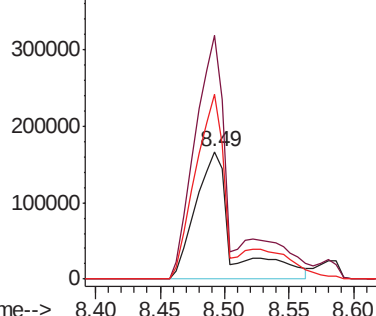
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

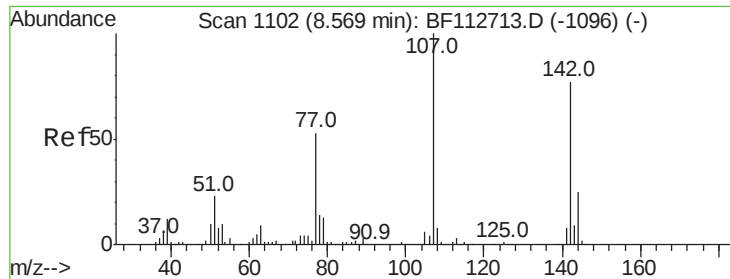


#35
Caprolactam
Concen: 76.886 ng m
RT: 8.49 min Scan# 1089
Delta R.T. 0.03 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion:	113	Resp:	329801
Ion Ratio	Lower	Upper	
113	100		
55	191.4	163.5	203.5
56	145.4	115.3	155.3

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





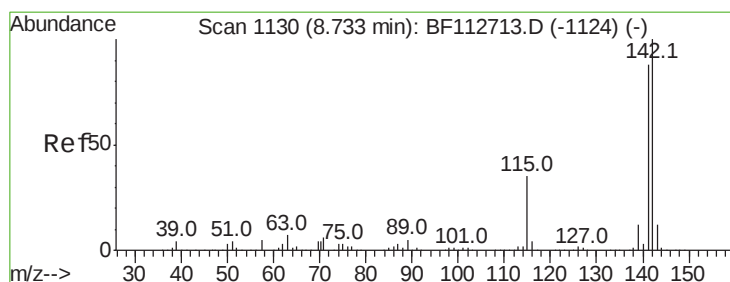
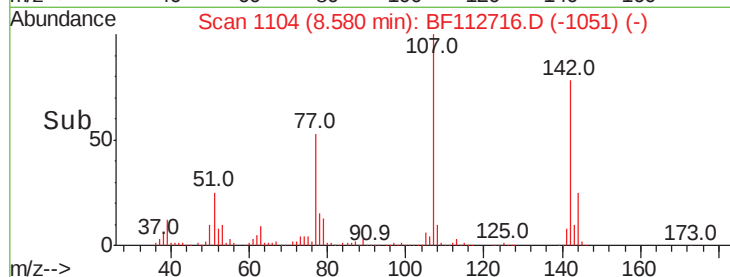
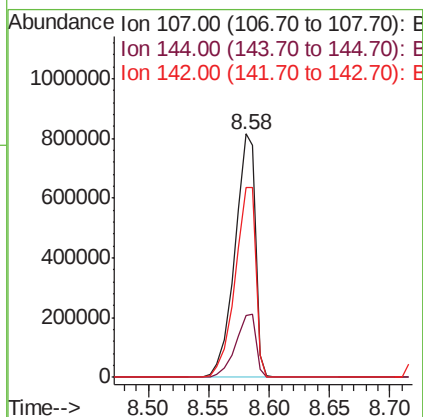
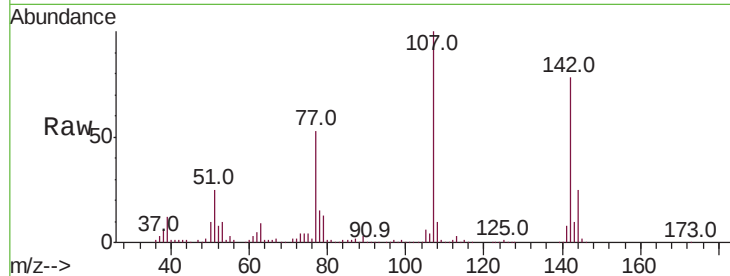
#36
 4-Chloro-3-methylphenol
 Concen: 74.982 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.3	20.1	30.1	
142	77.9	61.9	92.9	

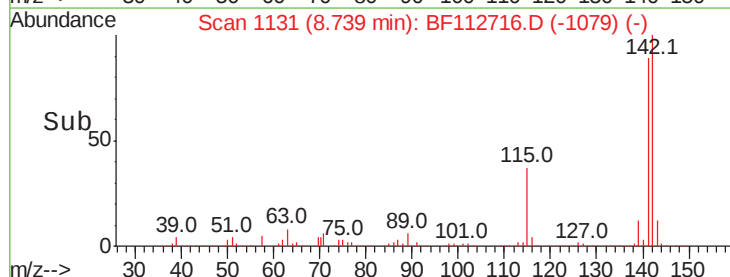
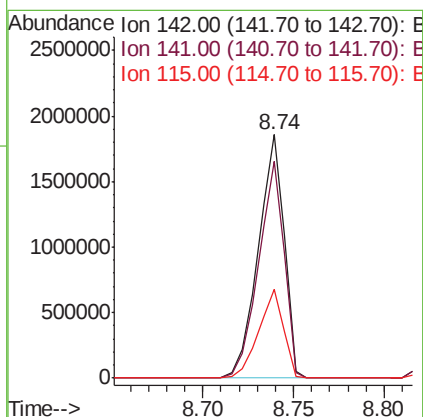
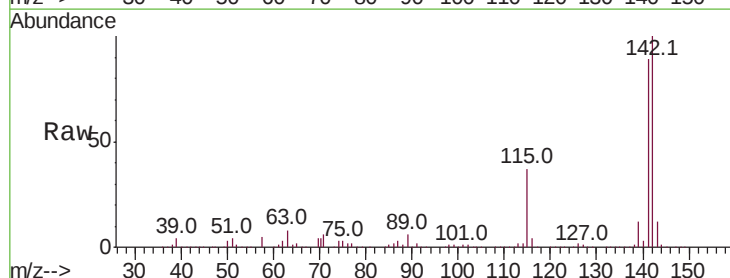
Manual Integrations
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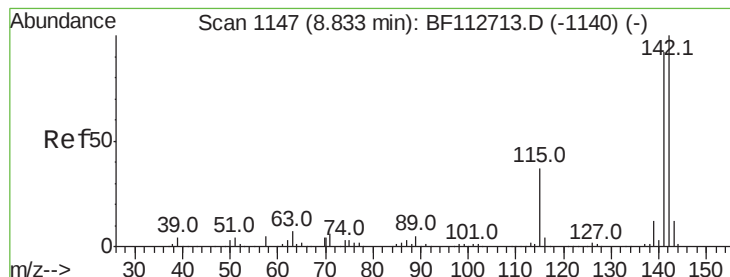
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#37
 2-Methylnaphthalene
 Concen: 67.751 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.0	70.3	105.5	
115	36.6	27.8	41.6	





#38

1-Methylnaphthalene

Concen: 68.259 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:142 Resp: 1783249

Ion Ratio Lower Upper

142 100

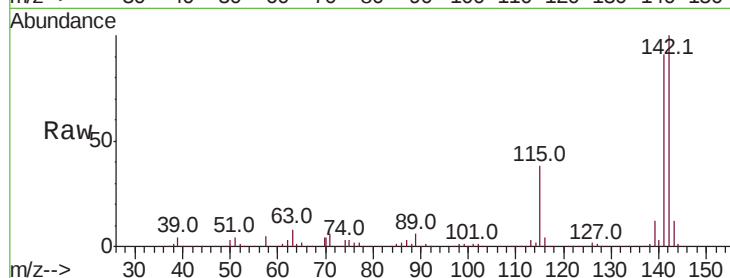
141 90.7 73.7 110.5

116 3.9 3.1 4.7

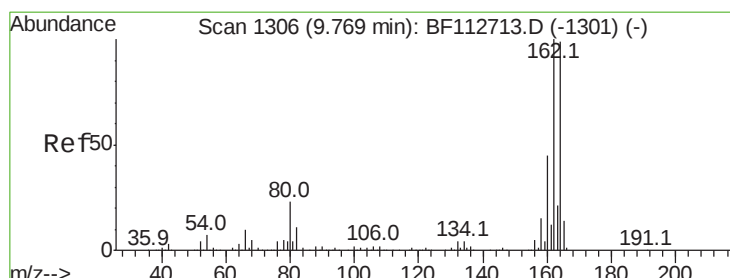
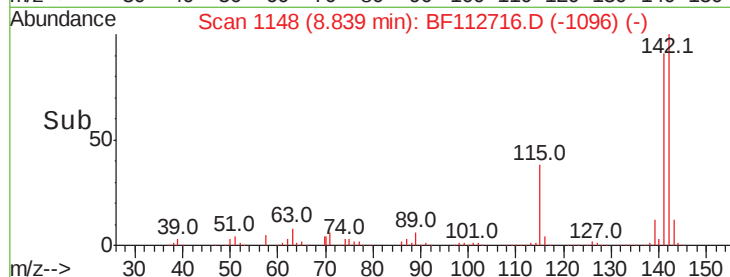
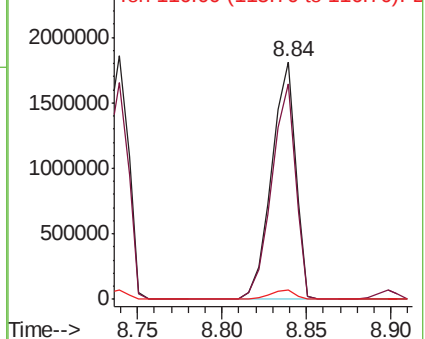
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

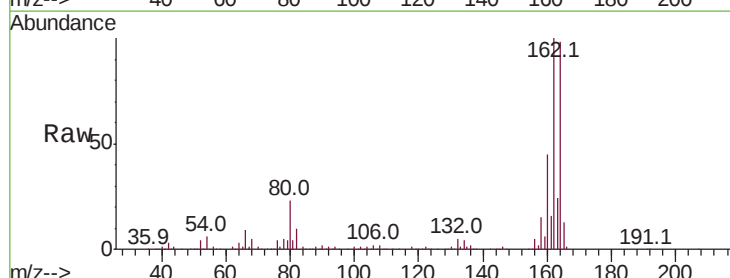
Tgt Ion:164 Resp: 397544

Ion Ratio Lower Upper

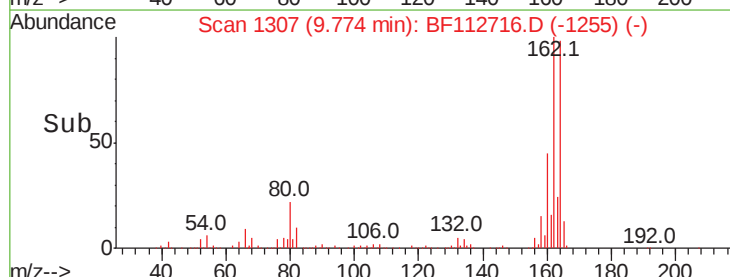
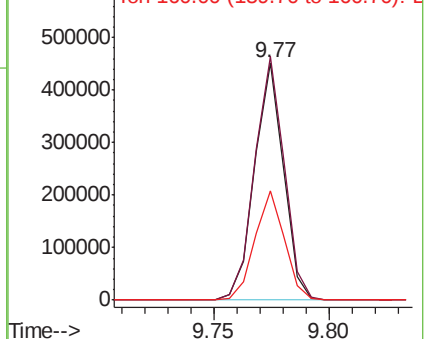
164 100

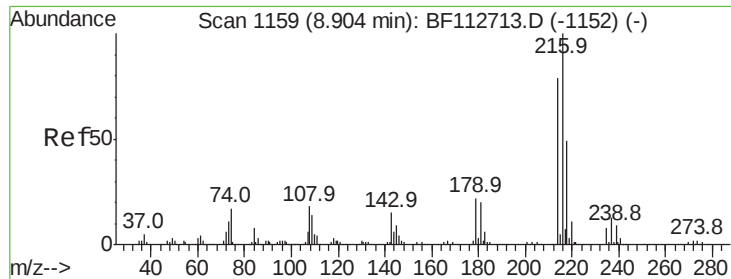
162 102.4 80.6 120.8

160 46.1 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





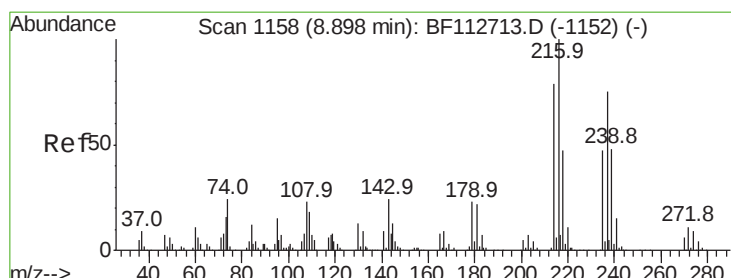
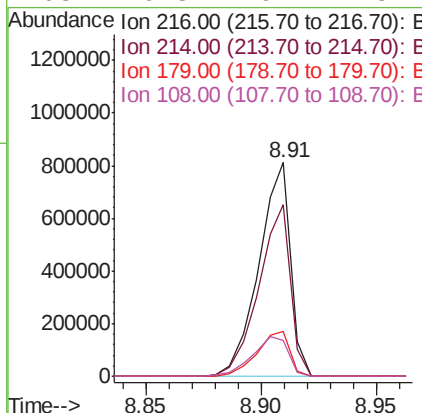
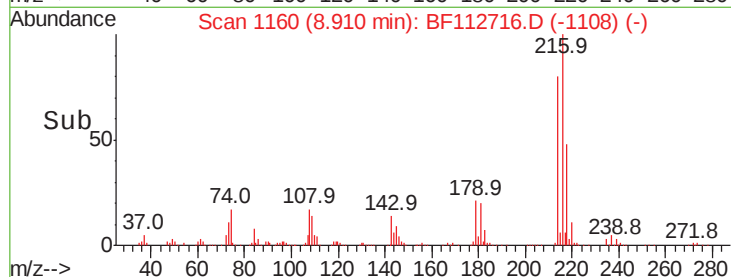
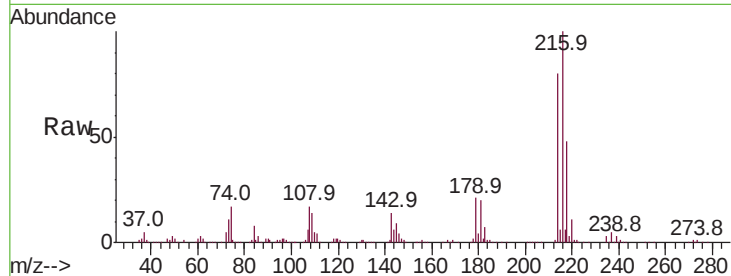
#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.363 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	774851		
214	80.0	63.2	94.8	
179	21.9	17.5	26.3	
108	20.8	16.7	25.1	

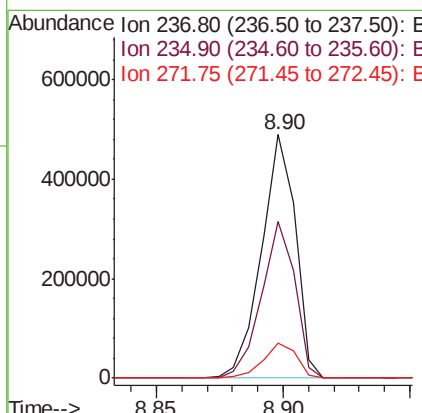
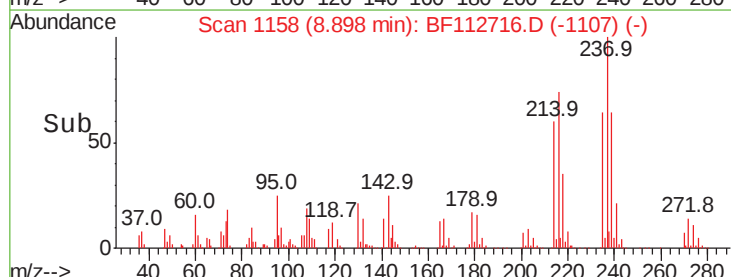
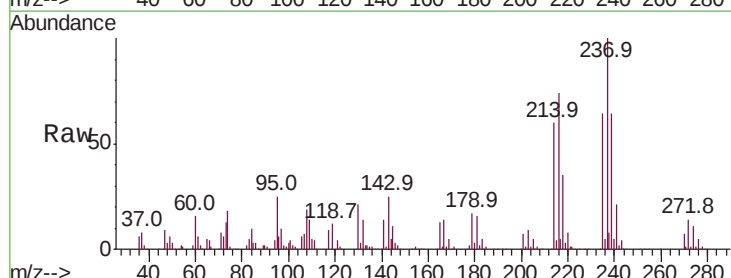
Manual Integrations
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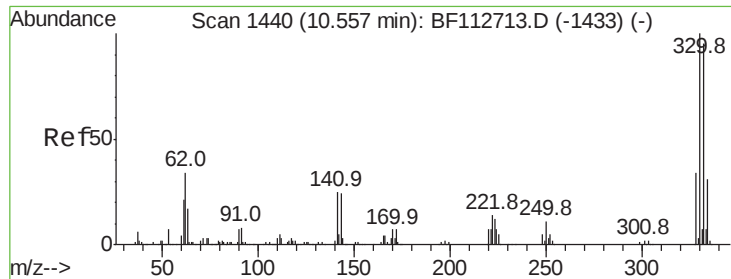
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#41
Hexachlorocyclopentadiene
Concen: 117.548 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	455490		
235	64.2	42.2	82.2	
272	14.2	0.0	34.0	





#42

2,4,6-Tribromophenol

Concen: 127.520 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

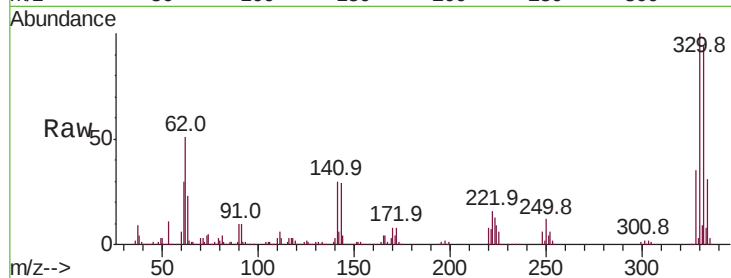
ClientSampleId :

SSTDIC080

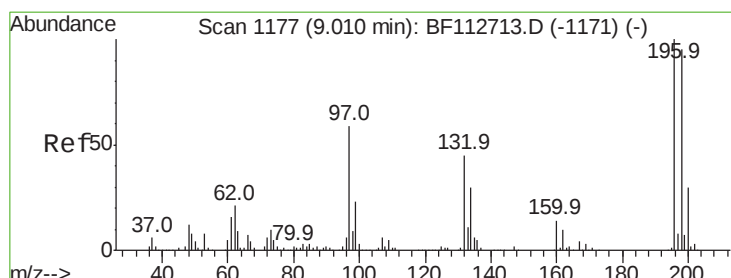
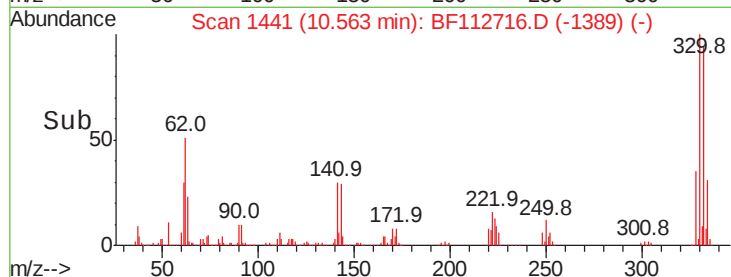
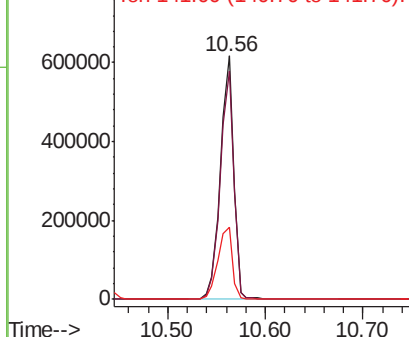
Tot Ion:	330	Resp:	590072
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.2	114.4
141	32.2	27.0	40.6

Manual Integrations
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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: 73.505 ng

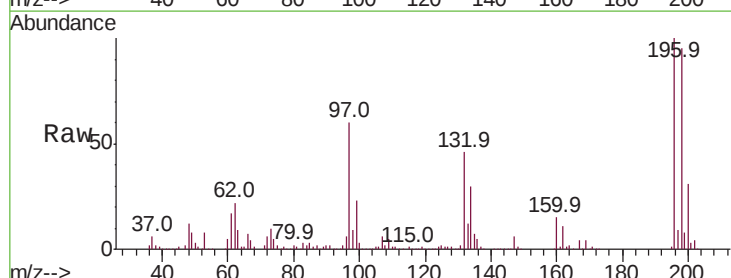
RT: 9.02 min Scan# 1178

Delta R.T. 0.01 min

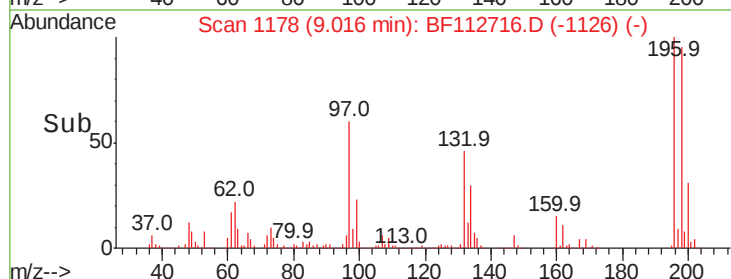
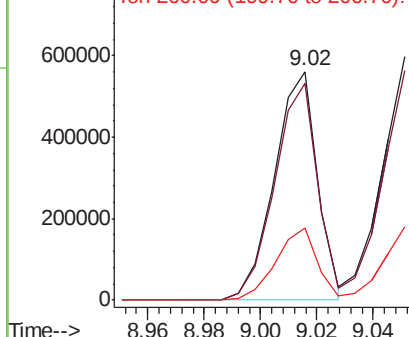
Lab File: BF112716.D

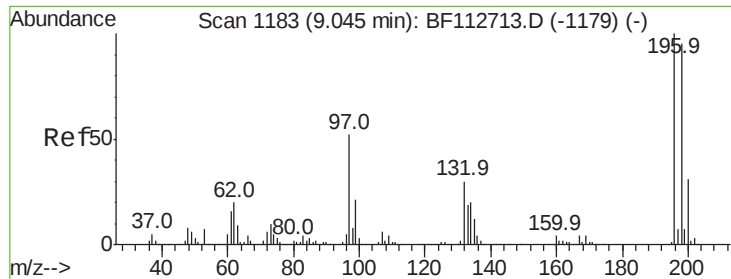
Acq: 27 Feb 2019 13:07

Tgt Ion:	196	Resp:	591414
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.8	113.8
200	31.3	24.3	36.5



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





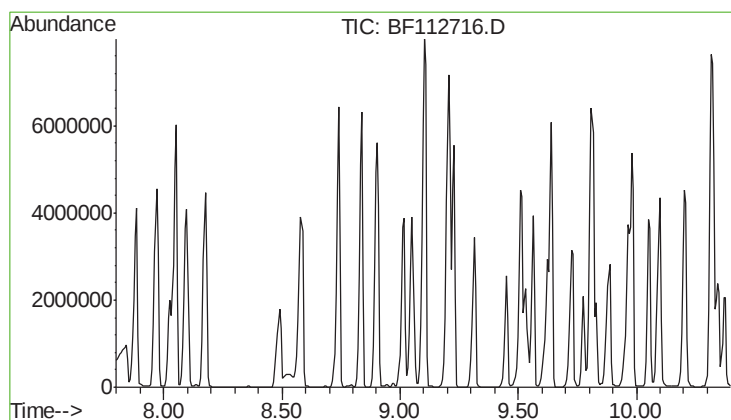
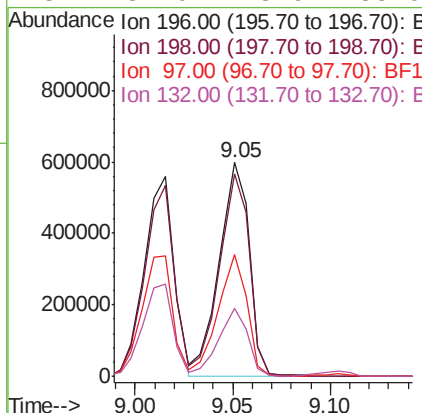
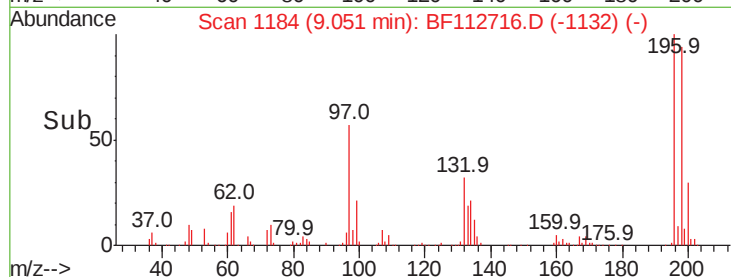
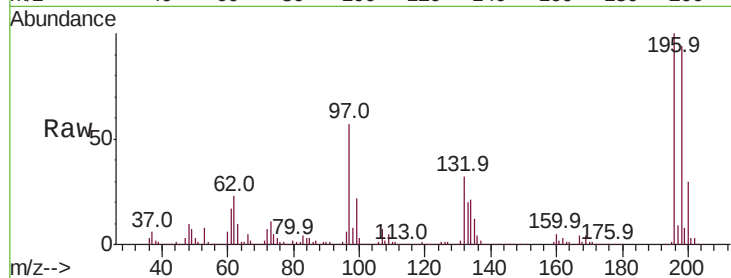
#44
 2,4,5-Trichlorophenol
 Concen: 75.923 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.5	76.2	114.2
97	56.8	41.5	62.3
132	32.0	23.9	35.9

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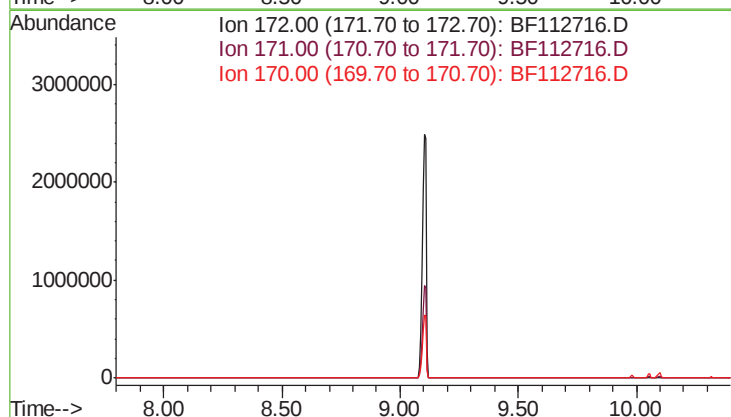
Sohil
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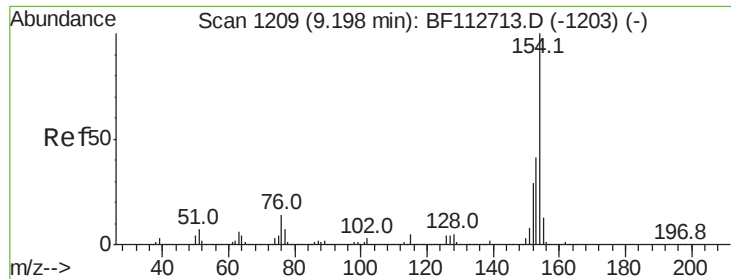


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.10 min

Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Exp Ratio
172	100
171	36.2
170	25.0





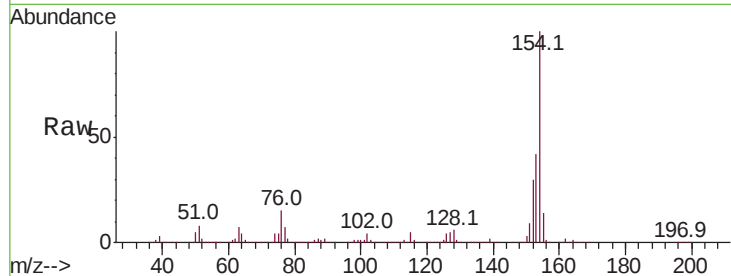
#46
 1,1'-Biphenyl
 Concen: 62.446 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.8	60.8
76	14.5	0.0	33.8

Manual Integrations
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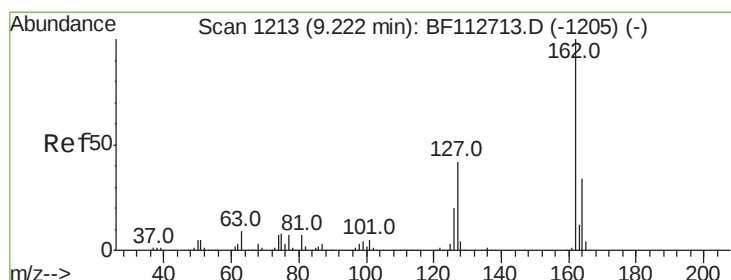
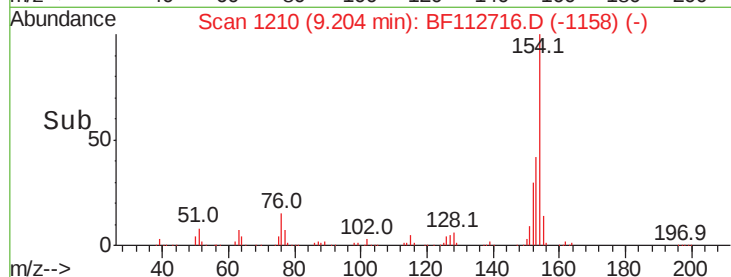
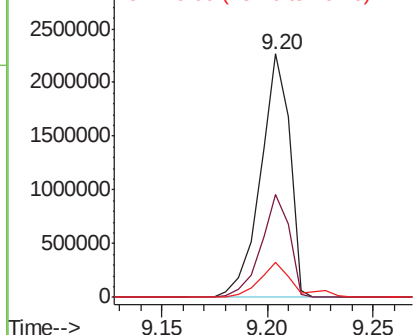


Abundance

Ion 154.00 (153.70 to 154.70): E

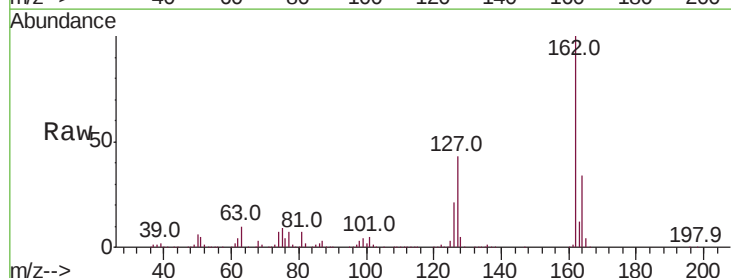
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 63.204 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.4	50.2
164	33.9	26.9	40.3

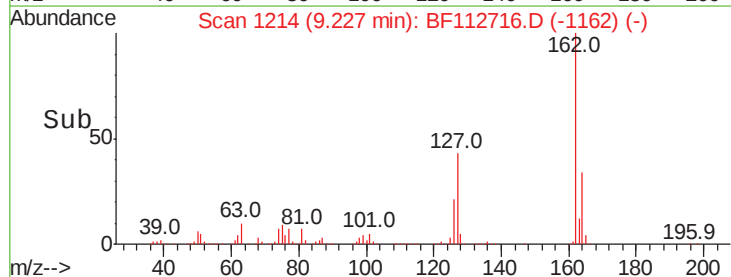
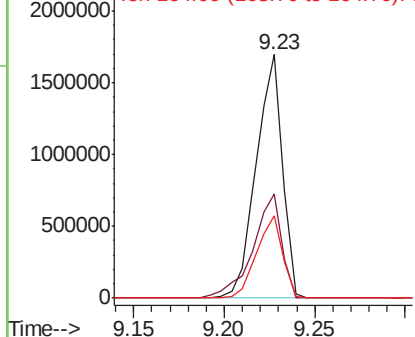


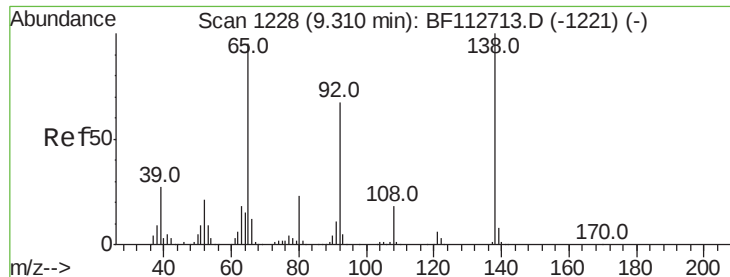
Abundance

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





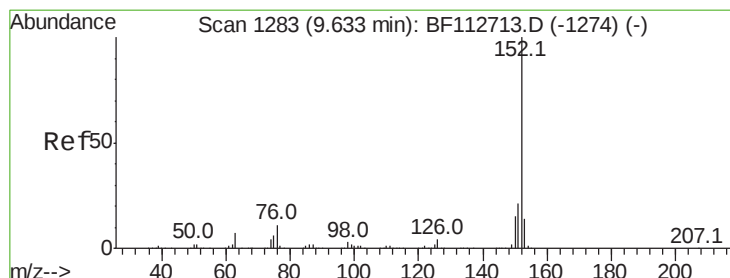
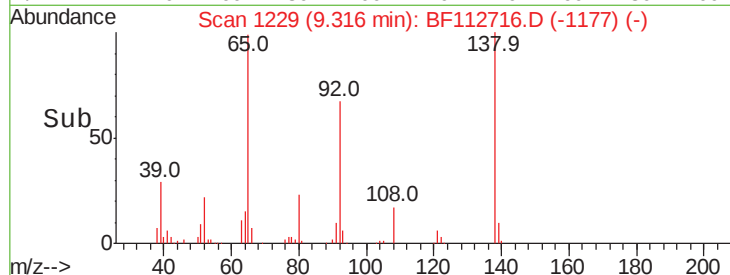
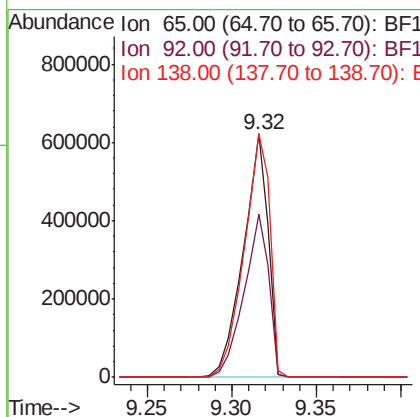
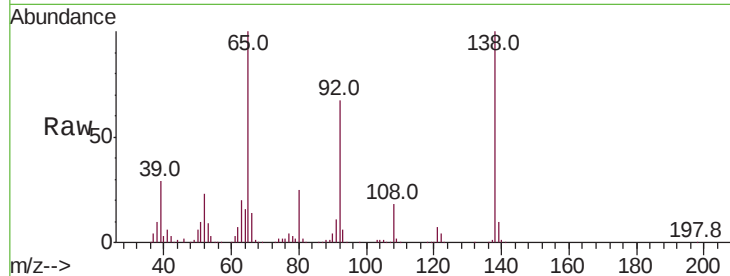
#48
2-Nitroaniline
Concen: 86.893 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.9	56.4	84.6
138	100.1	84.6	126.8

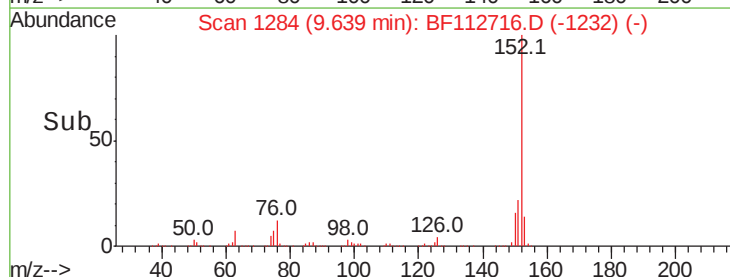
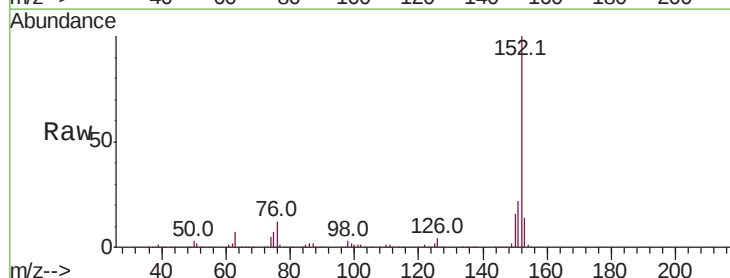
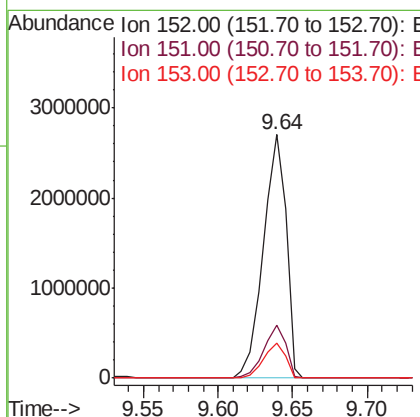
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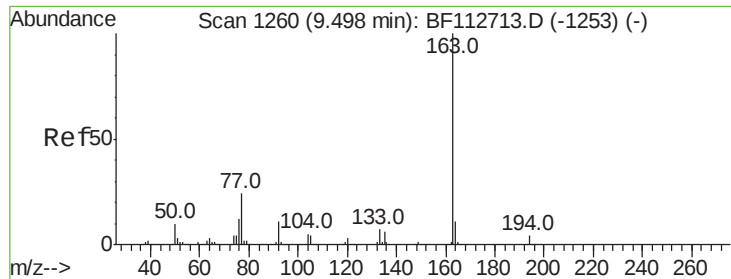
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#49
Acenaphthylene
Concen: 71.665 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.9	25.3
153	14.5	11.0	16.6





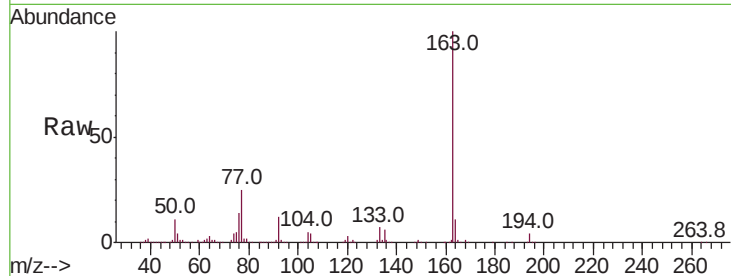
#50
Dimethylphthalate
Concen: 64.861 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.8	8.4	12.6

Manual Integrations
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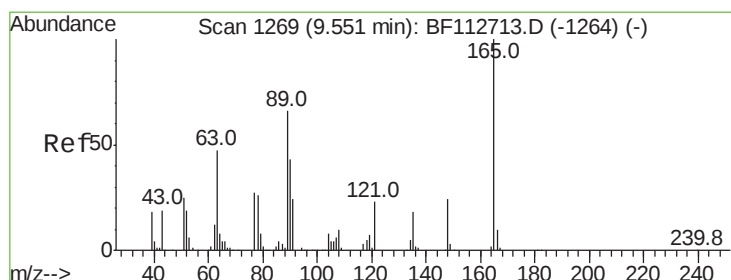
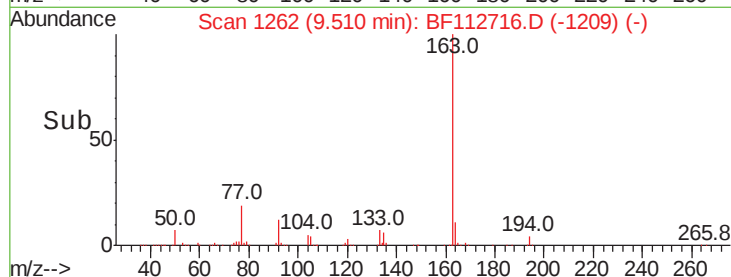
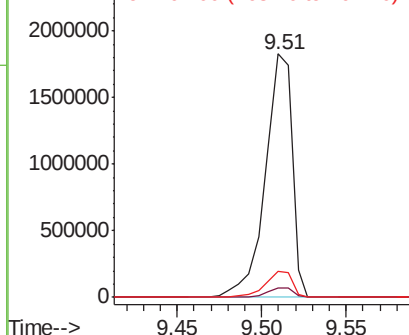


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 71.659 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

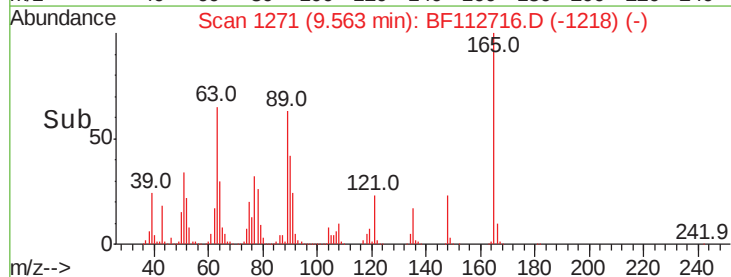
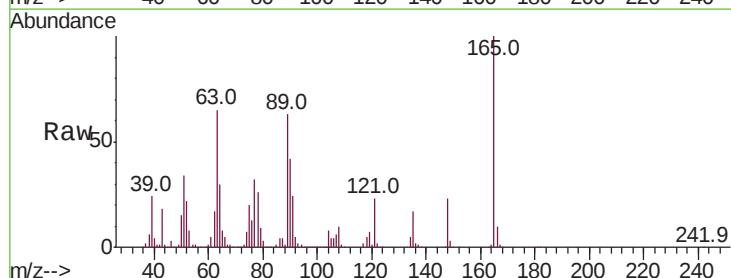
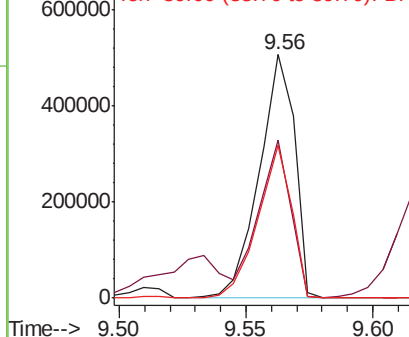
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.1	54.1	81.1
89	62.8	52.8	79.2

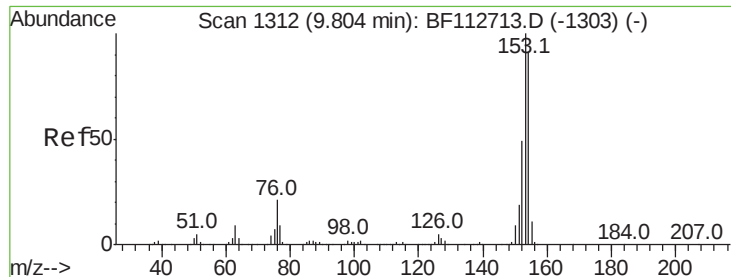
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 72.561 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1712275

Ion Ratio Lower Upper

154 100

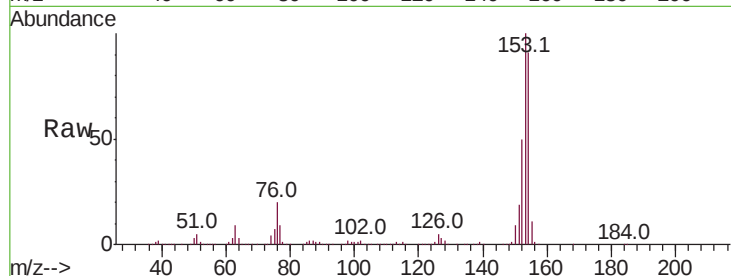
153 109.8 87.8 131.8

152 54.8 43.0 64.6

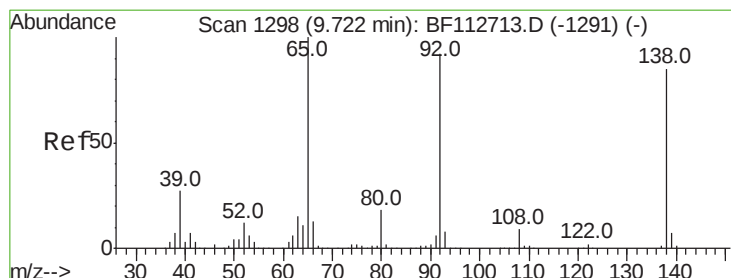
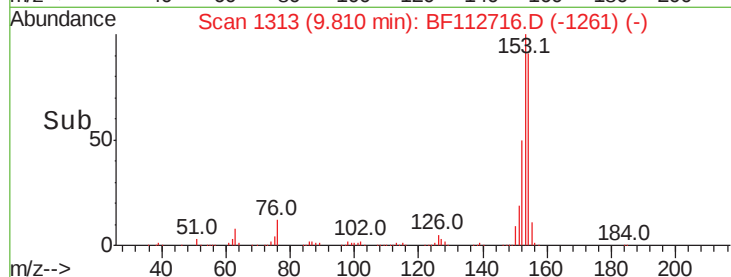
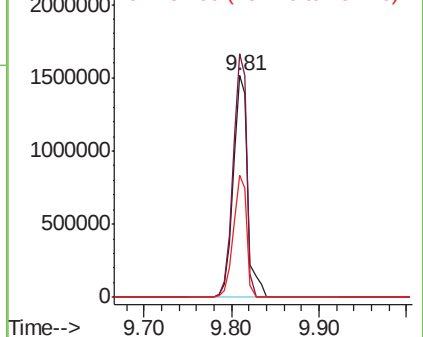
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 77.759 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

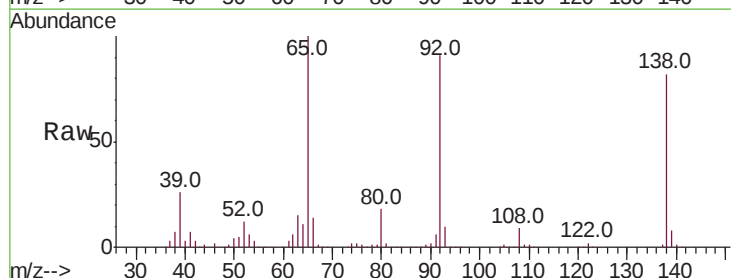
Tgt Ion:138 Resp: 582745

Ion Ratio Lower Upper

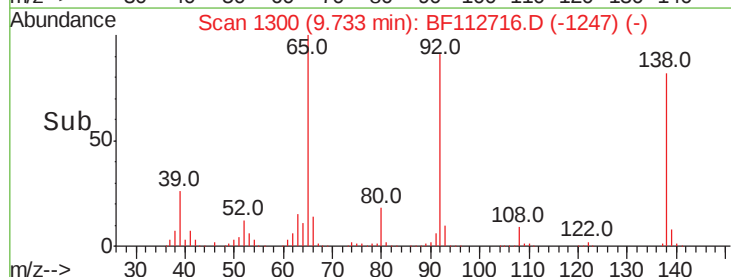
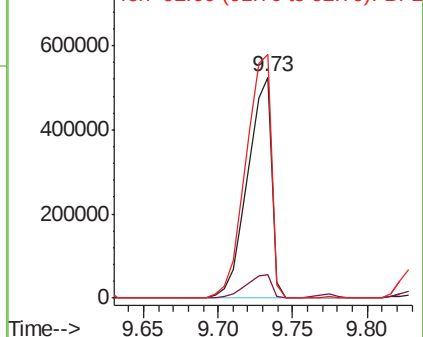
138 100

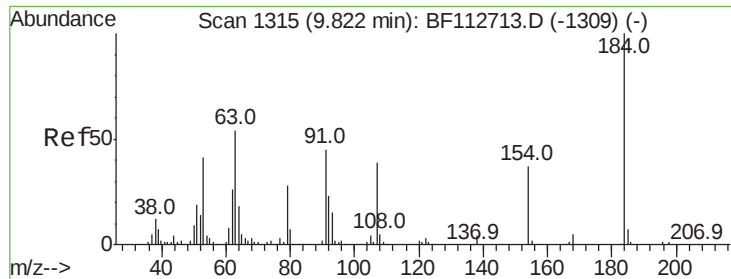
108 10.7 8.6 13.0

92 110.1 86.6 129.8



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





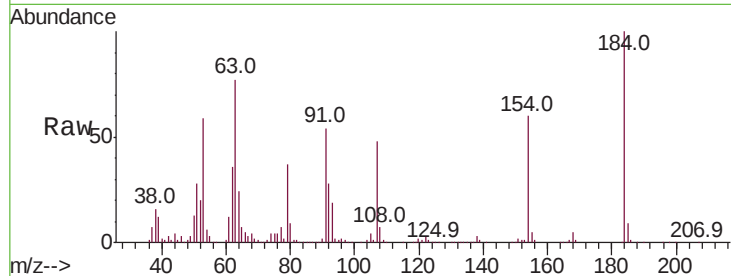
#54
2,4-Dinitrophenol
Concen: 91.658 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.4	45.3	67.9#	
154	59.8	46.0	69.0	

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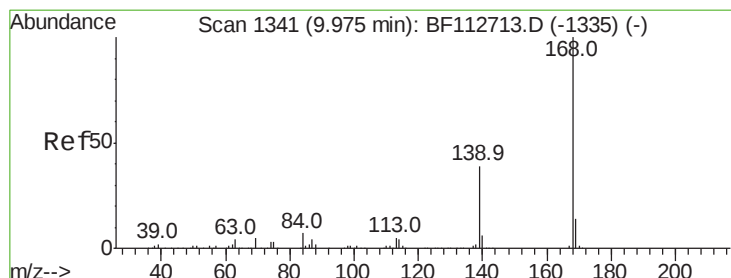
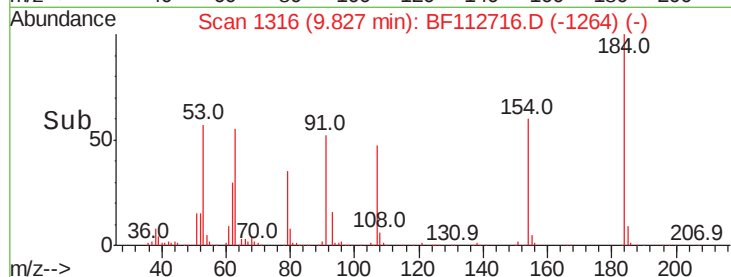
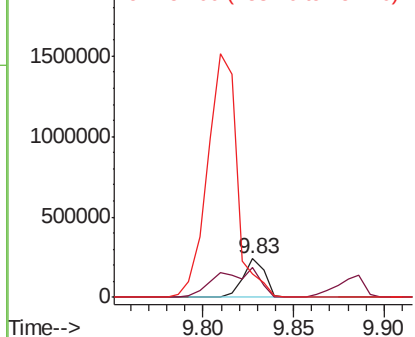


Abundance

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: 66.470 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

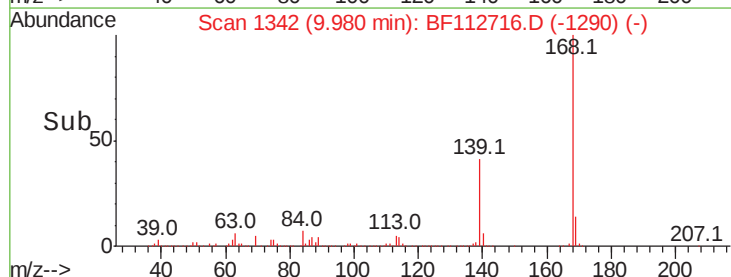
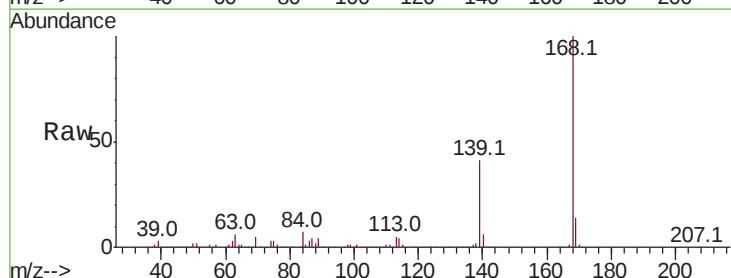
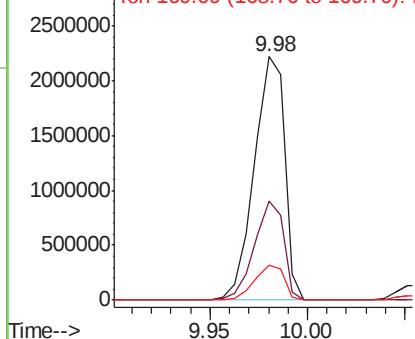
Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	31.3	46.9	
169	14.4	11.3	16.9	

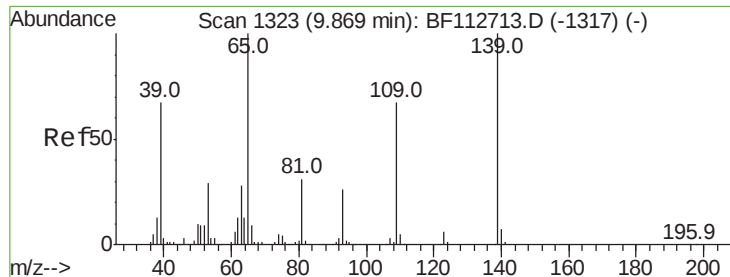
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 121.524 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

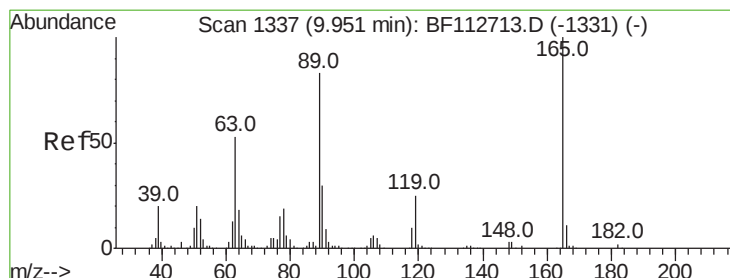
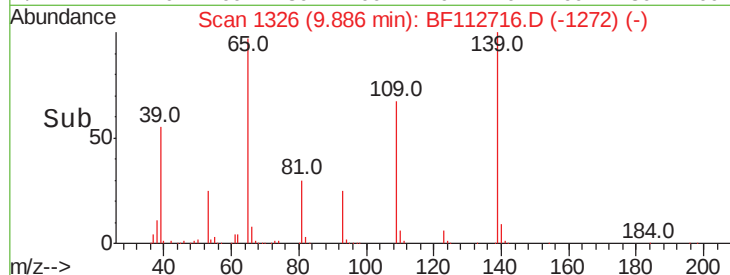
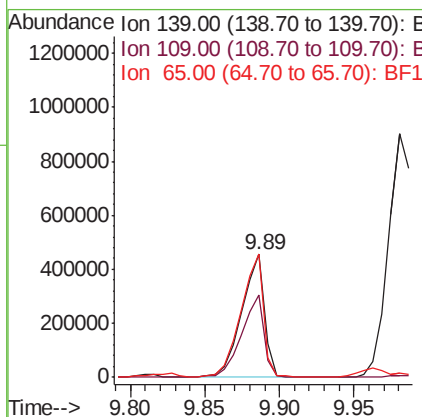
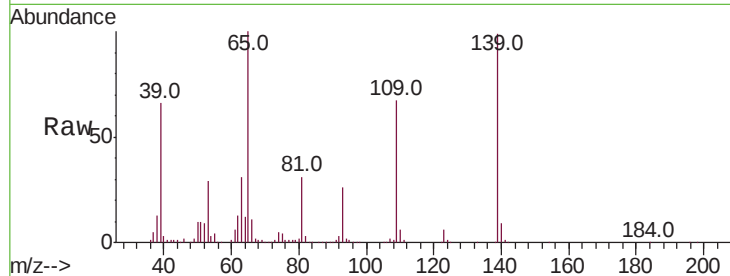
ClientSampleId :

SSTDIC080

Tot Ion:	139	Resp:	481499
Ion Ratio	Lower	Upper	
139	100		
109	67.0	46.8	86.8
65	100.7	80.7	120.7

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#57

2,4-Dinitrotoluene

Concen: 71.798 ng

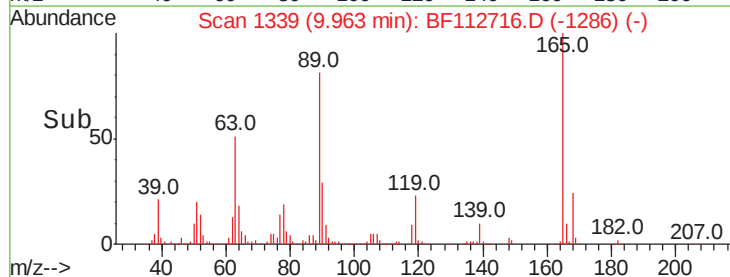
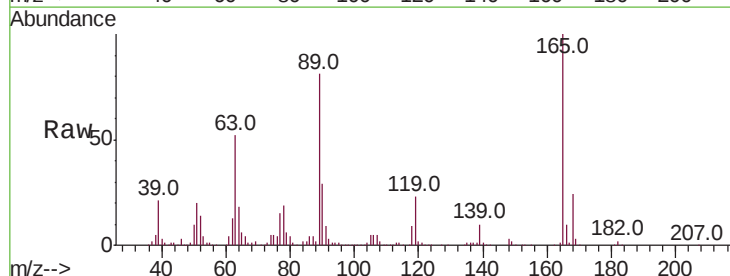
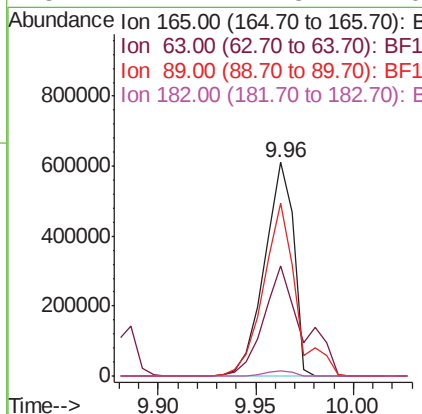
RT: 9.96 min Scan# 1339

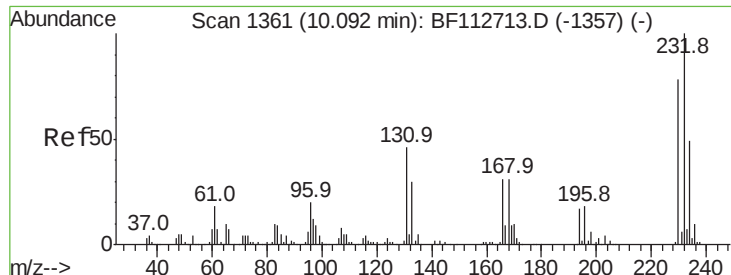
Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Tgt Ion:	165	Resp:	632291
Ion Ratio	Lower	Upper	
165	100		
63	51.5	42.2	63.2
89	81.1	66.2	99.4
182	2.4	1.8	2.6





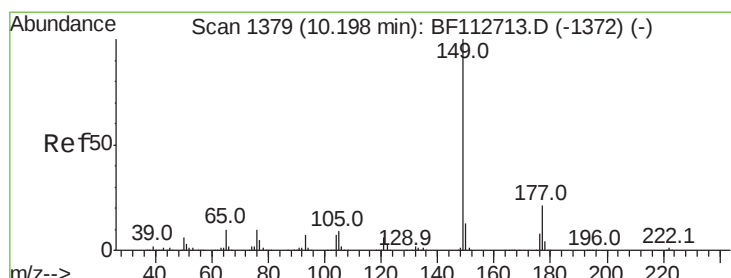
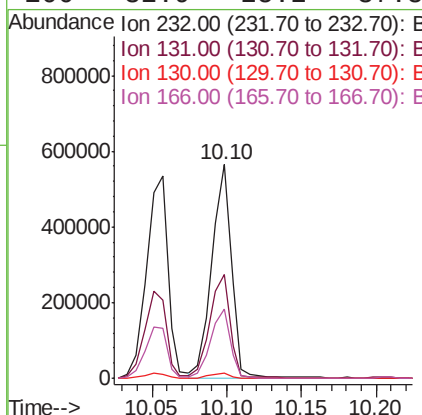
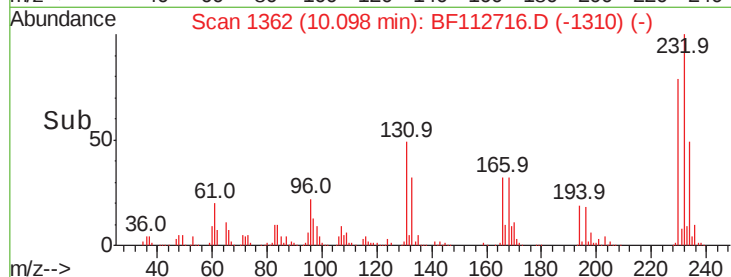
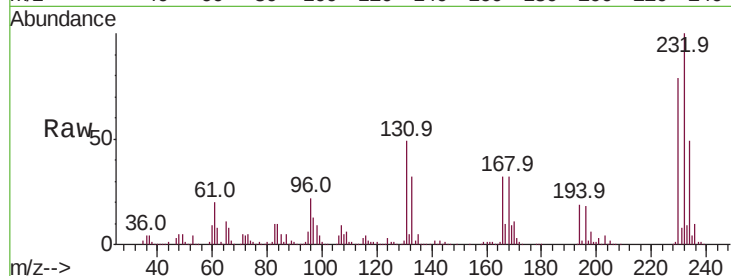
#59
2,3,4,6-Tetrachlorophenol
Concen: 81.220 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	516131		
131	50.5	38.7	58.1	
130	2.4	1.9	2.9	
166	32.9	25.2	37.8	

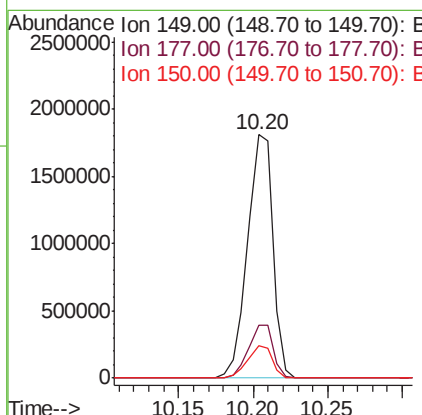
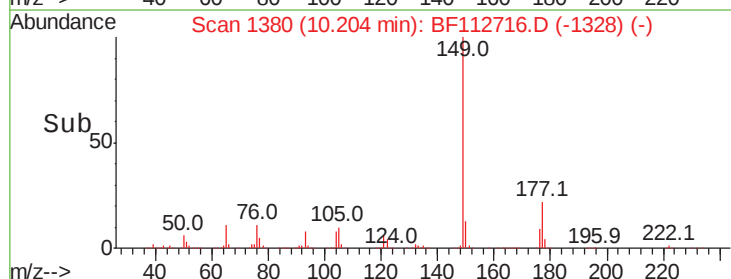
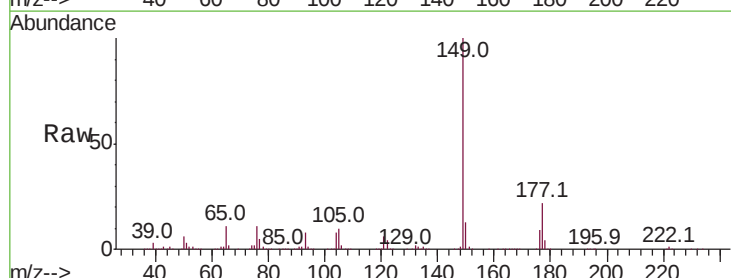
Manual Integrations
APPROVED

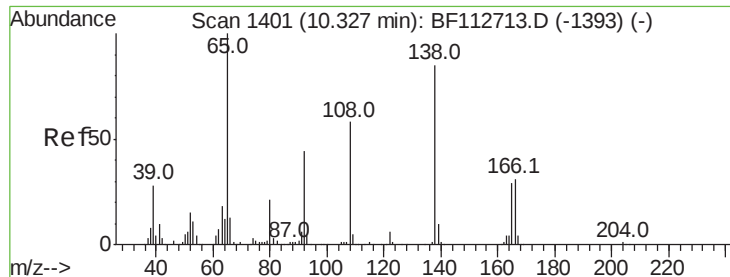
Sohil
2/28/2019 12:46:56 PM



#60
Diethylphthalate
Concen: 69.186 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2120684		
177	21.8	17.0	25.6	
150	13.1	10.0	15.0	





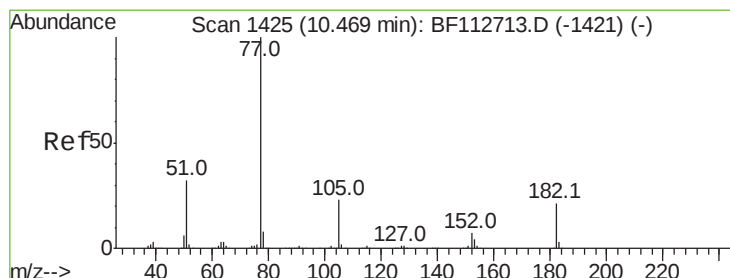
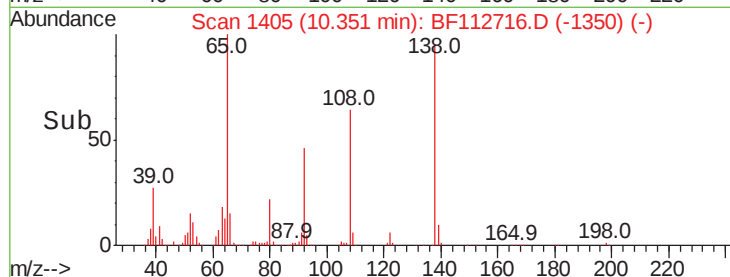
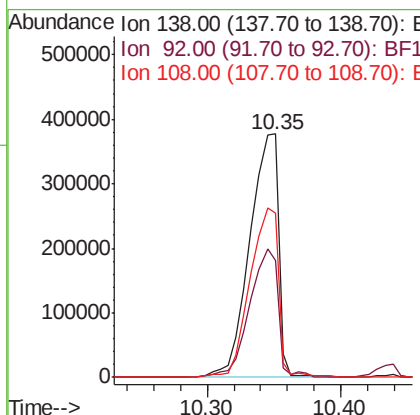
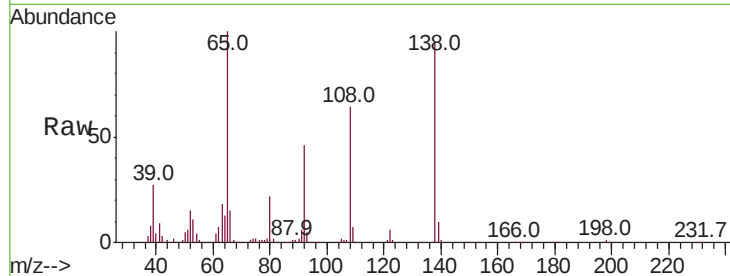
#62
4-Nitroaniline
Concen: 76.188 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	31.3	71.3
108	67.6	48.1	88.1

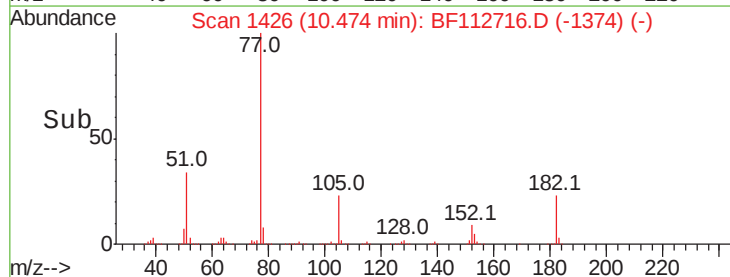
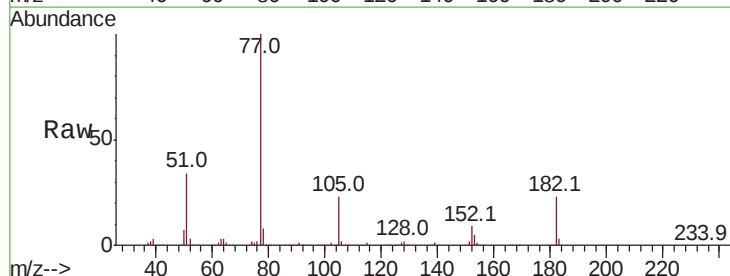
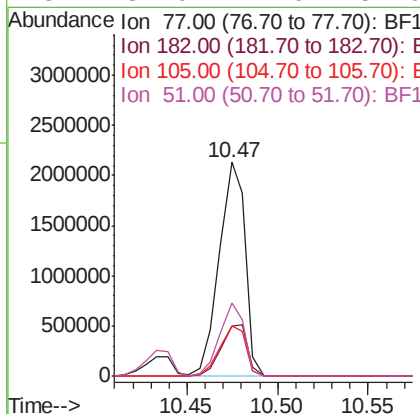
Manual Integrations
APPROVED

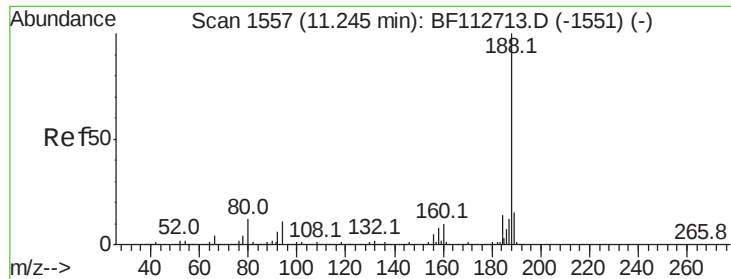
Sohil
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#63
Azobenzene
Concen: 78.770 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.4	41.4
105	23.3	2.6	42.6
51	34.0	12.0	52.0





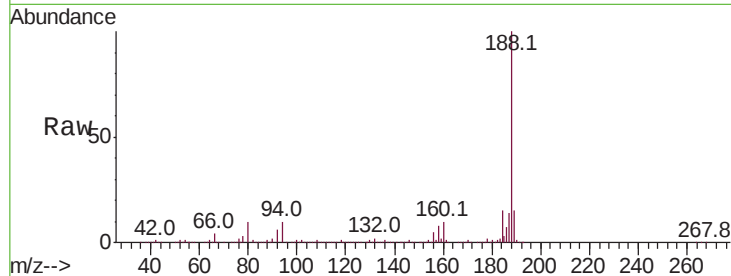
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

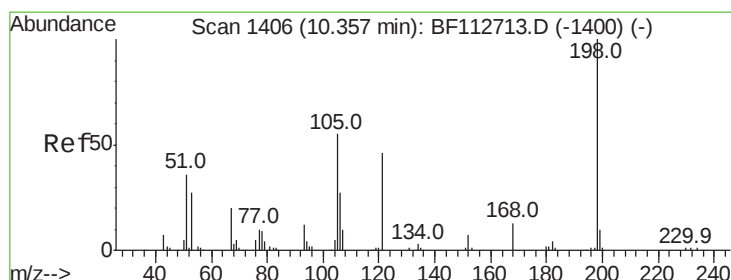
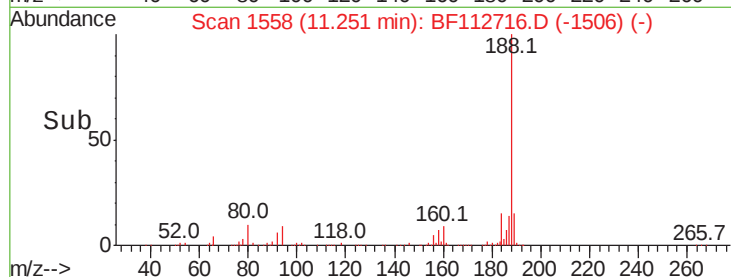
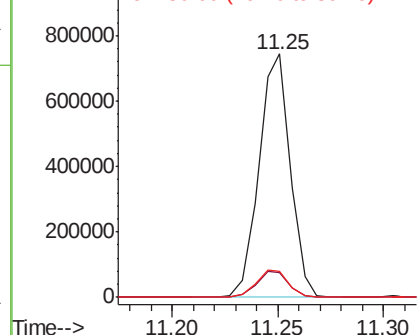
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	9.0	13.4
80	10.5	9.2	13.8

Manual Integrations
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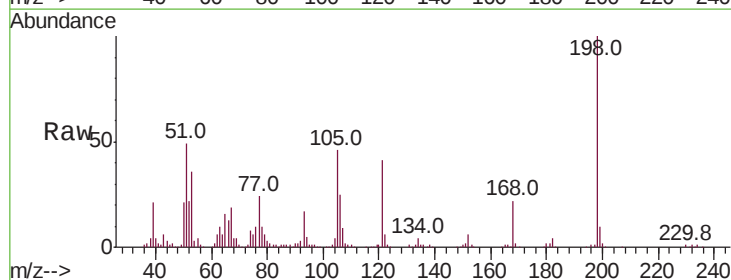


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

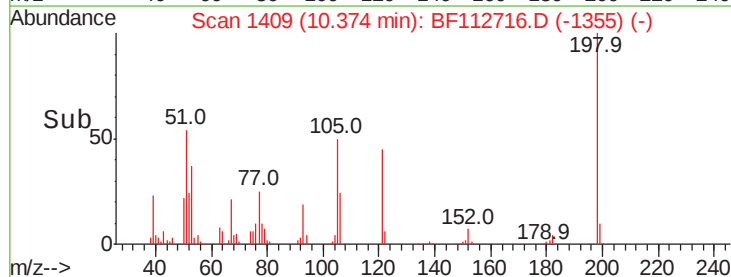
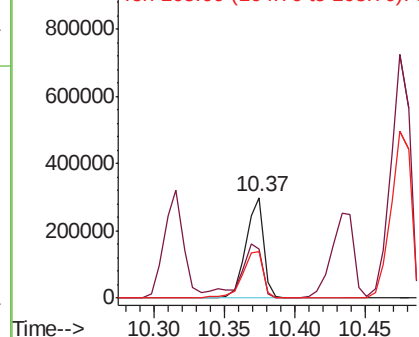


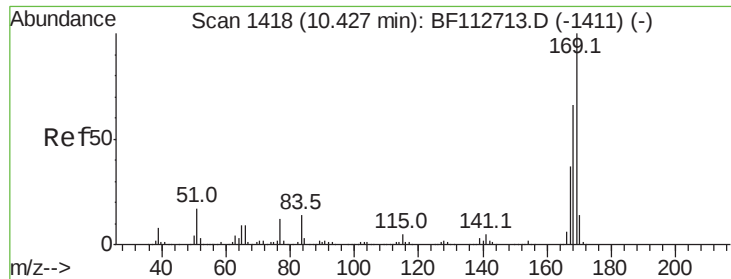
#65
4,6-Dinitro-2-methylphenol
Concen: 61.085 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.6	43.8	83.8
105	45.9	36.5	76.5



Abundance Ion 198.00 (197.70 to 198.70): E
1000000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





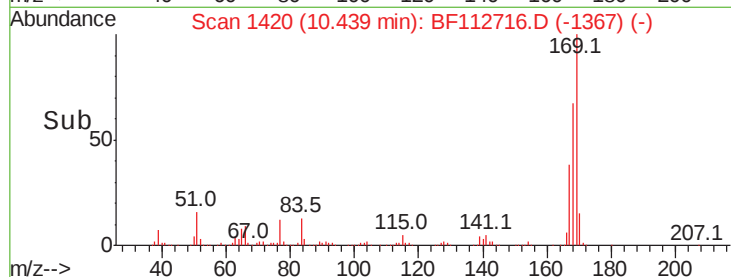
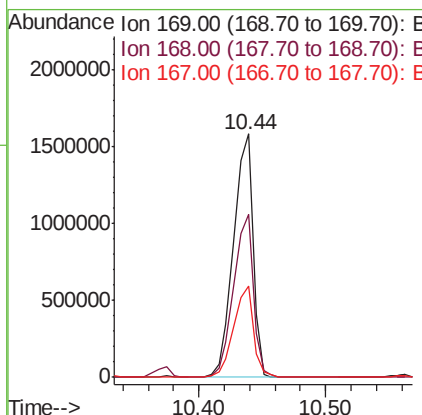
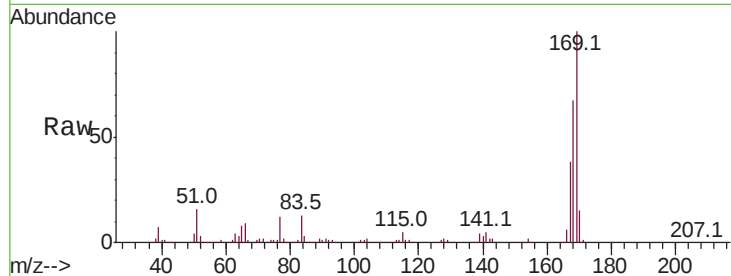
#66
 n-Nitrosodiphenylamine
 Concen: 64.945 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.6
167	37.7	29.3	43.9

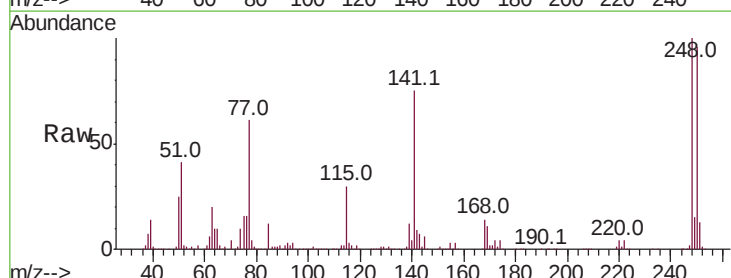
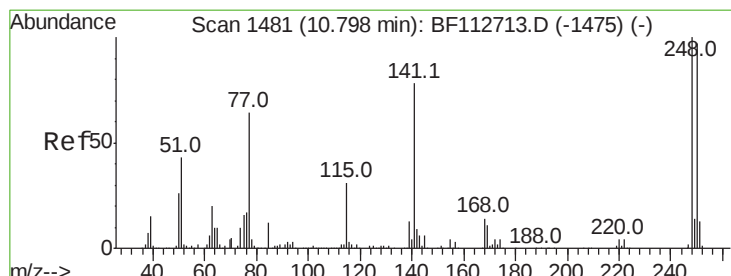
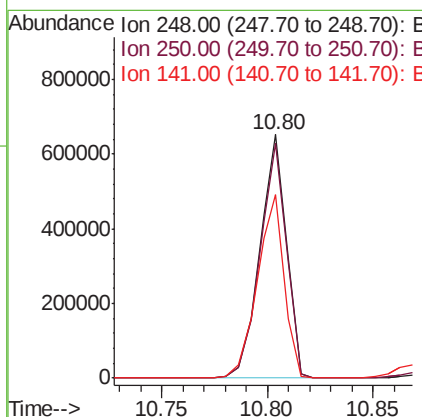
Manual Integrations
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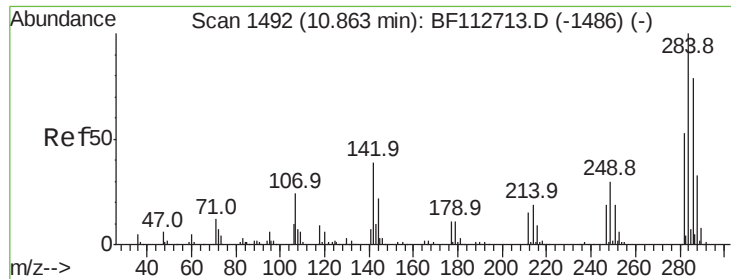
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#67
 4-Bromophenyl-phenylether
 Concen: 63.313 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.5	116.3
141	75.3	62.4	93.6





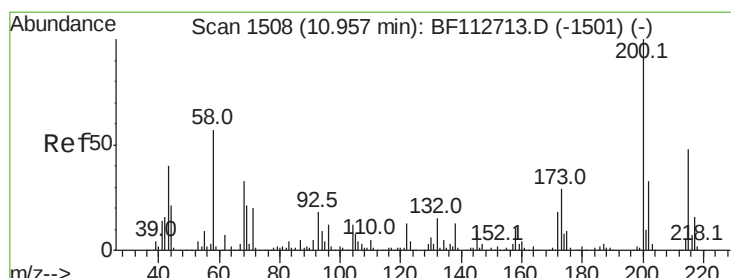
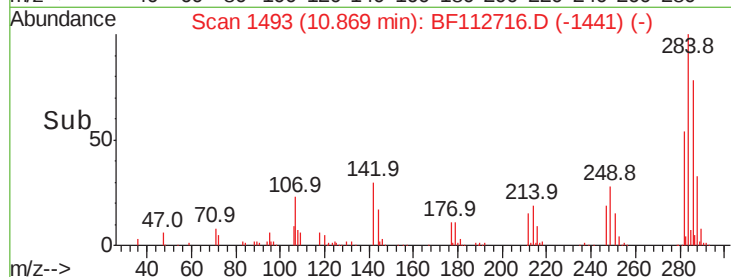
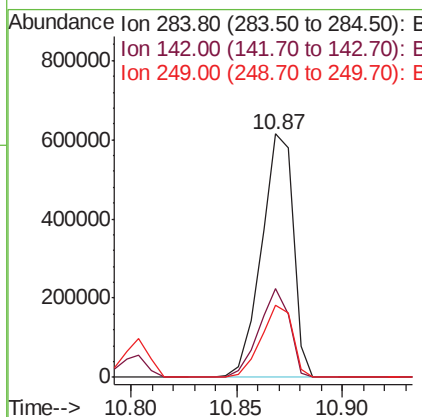
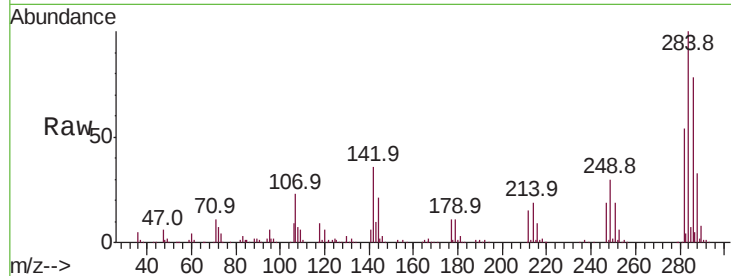
#68
Hexachlorobenzene
Concen: 66.622 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	36.4	31.0	46.6
249	29.8	23.6	35.4

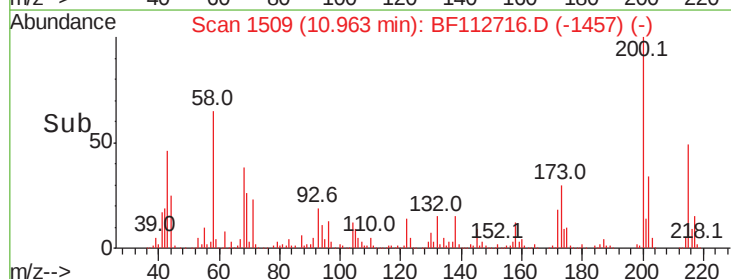
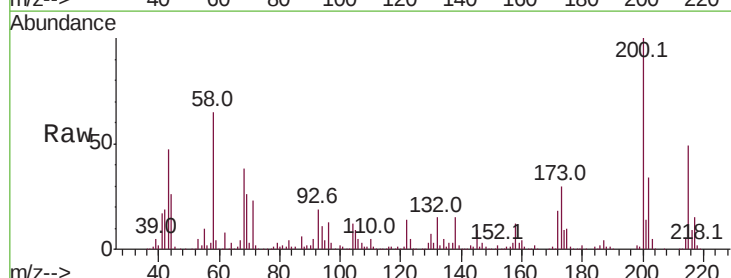
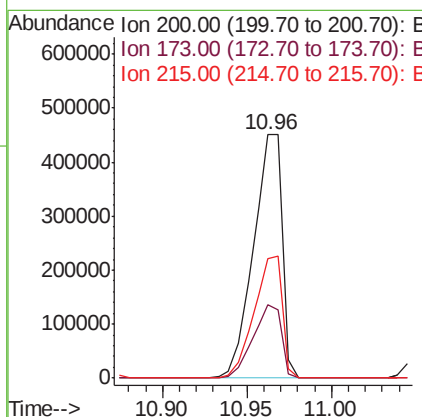
Manual Integrations
APPROVED

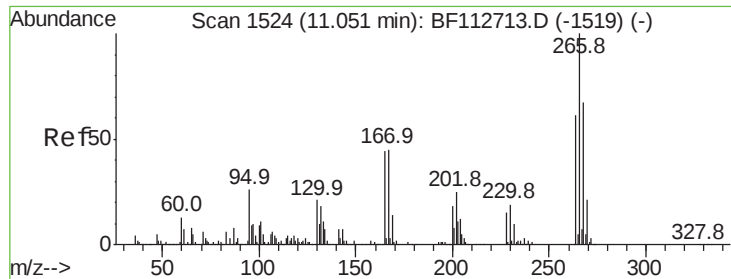
Sohil
2/28/2019 12:46:56 PM



#69
Atrazine
Concen: 64.061 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.0	9.1	49.1
215	48.8	28.2	68.2





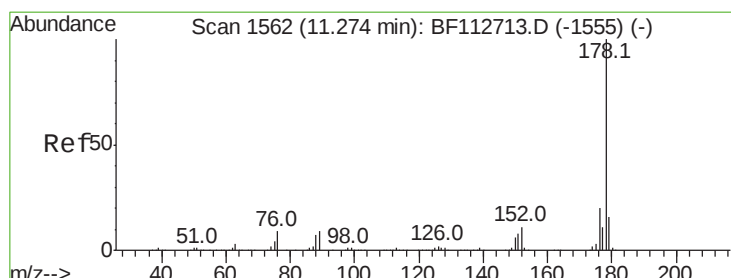
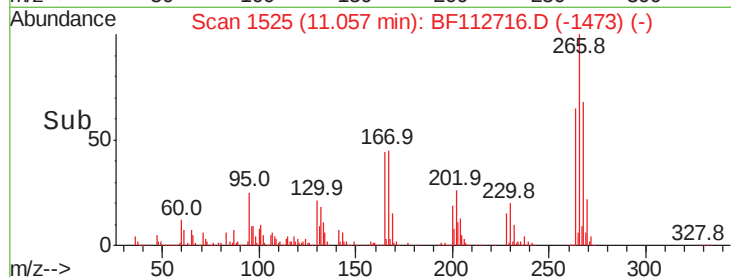
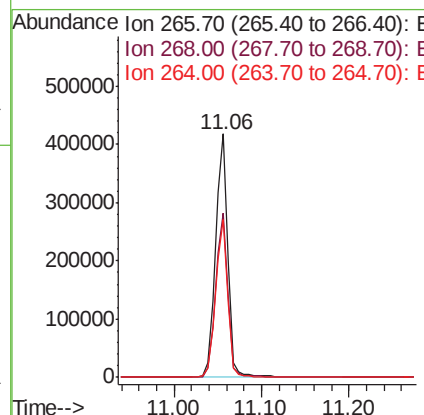
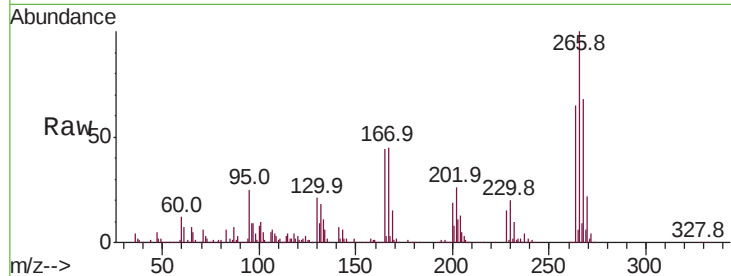
#70
 Pentachlorophenol
 Concen: 109.001 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.5	53.3	79.9	
264	64.6	48.9	73.3	

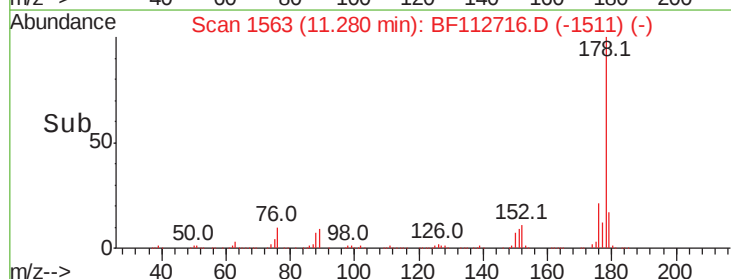
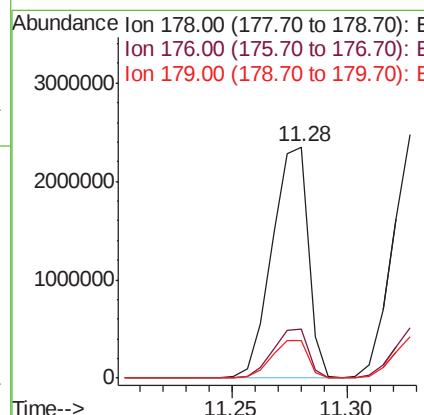
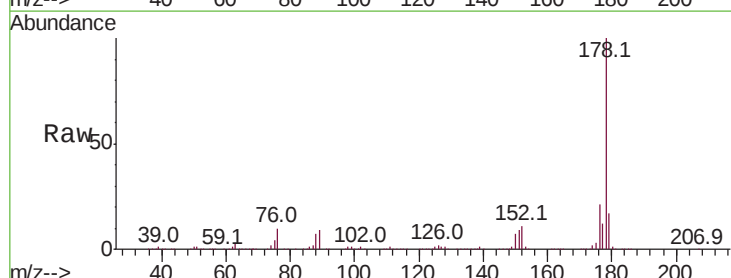
Manual Integrations
 APPROVED

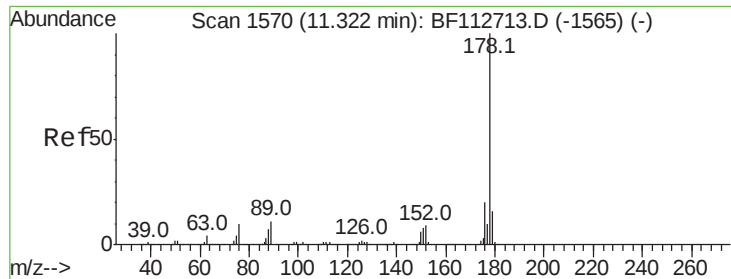
Sohil
 2/28/2019 12:46:56 PM



#71
 Phenanthrene
 Concen: 64.018 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.1	16.3	24.5	
179	16.5	12.7	19.1	





#72

Anthracene

Concen: 65.284 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 2587999

Ion Ratio Lower Upper

178 100

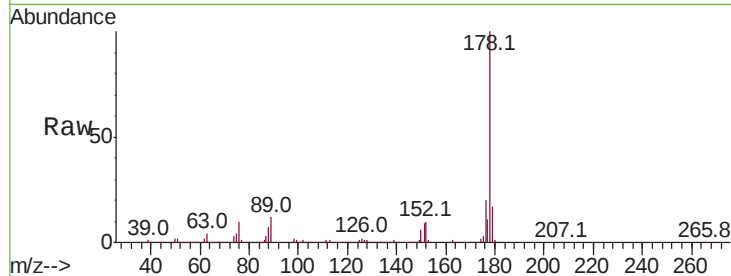
176 20.4 15.8 23.6

179 16.9 13.0 19.6

Manual Integrations
APPROVED

Sohil

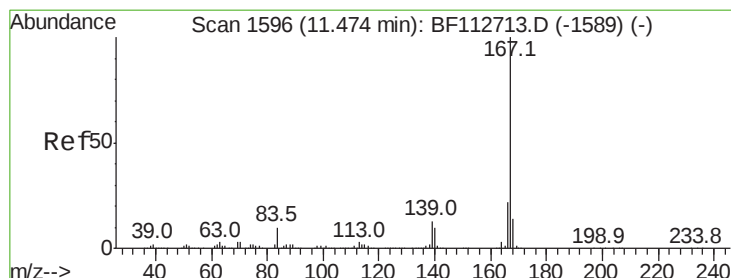
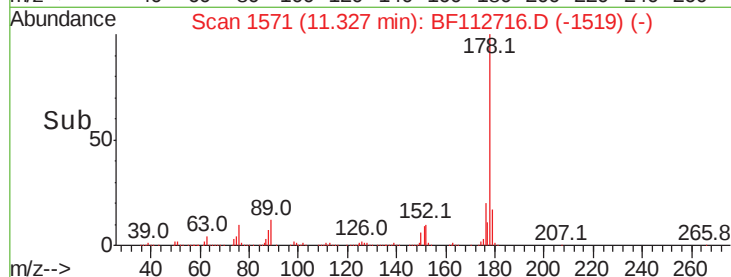
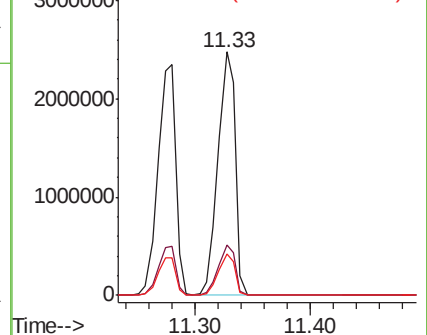
2/28/2019 12:46:56 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 63.933 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

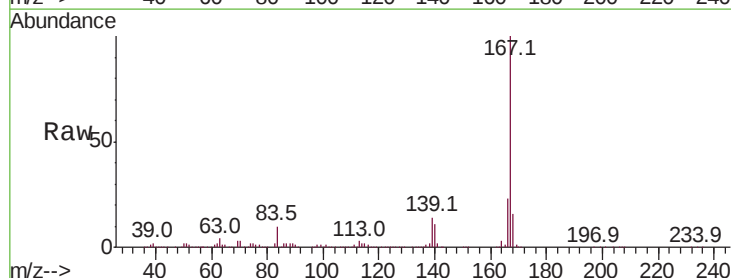
Tgt Ion:167 Resp: 2499985

Ion Ratio Lower Upper

167 100

166 23.3 17.5 26.3

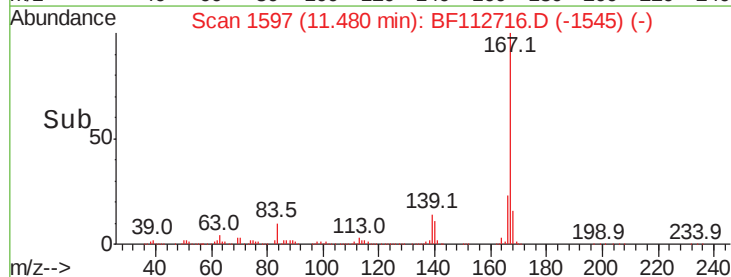
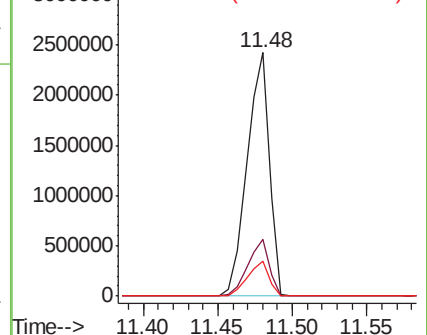
139 14.3 10.8 16.2

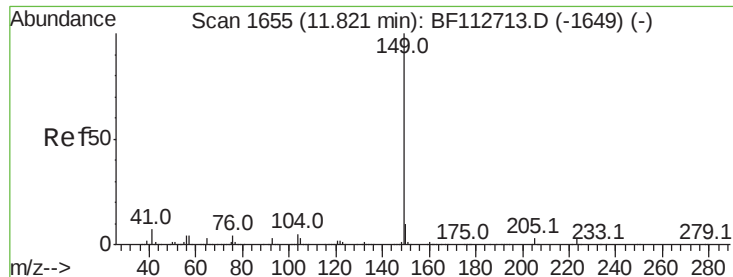


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





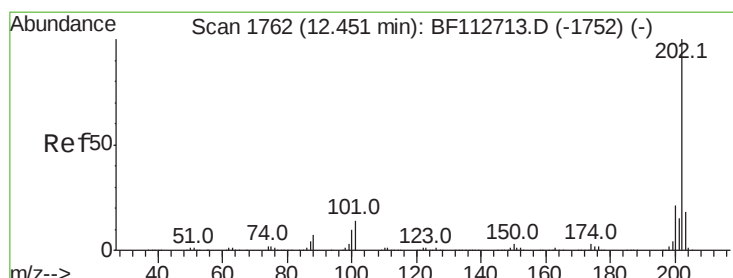
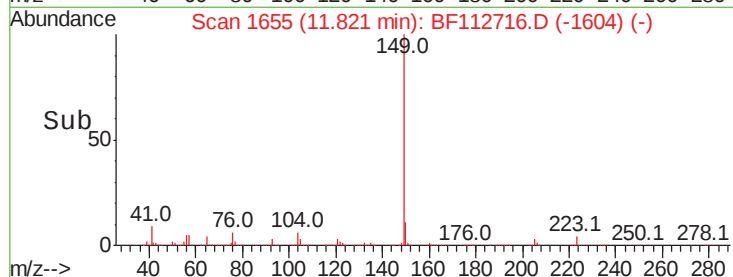
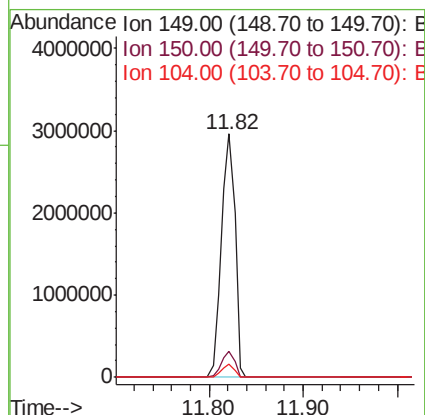
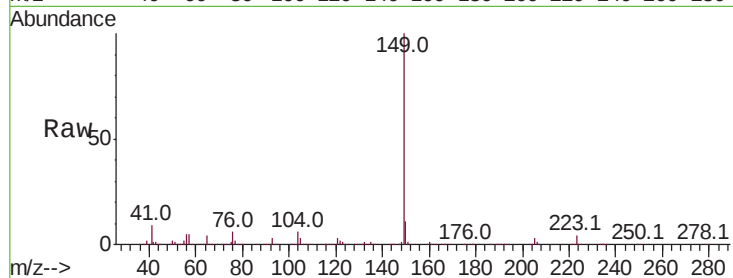
#74
Di-n-butylphthalate
Concen: 62.317 ng
RT: 11.82 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.6	11.4
104	5.5	3.7	5.5

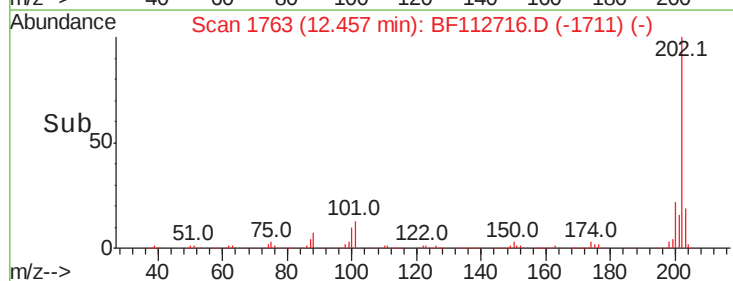
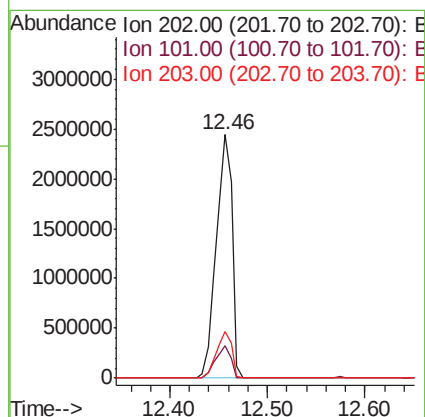
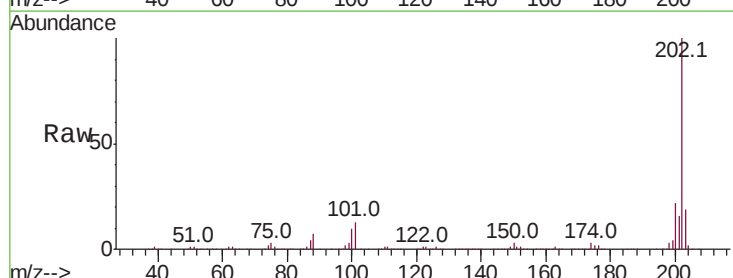
Manual Integrations
APPROVED

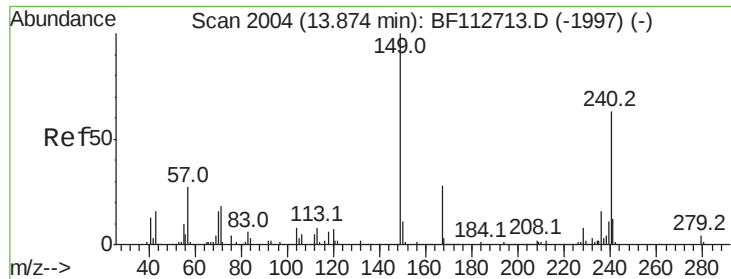
Sohil
2/28/2019 12:46:56 PM



#75
Fluoranthene
Concen: 64.082 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	19.2	0.0	38.4





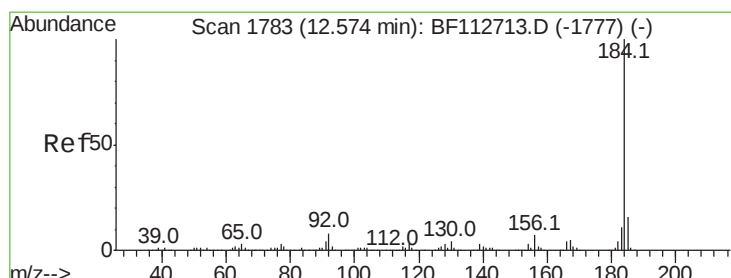
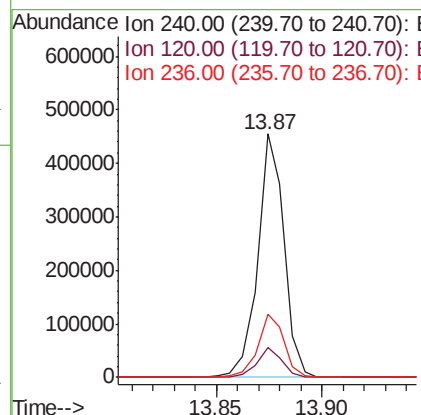
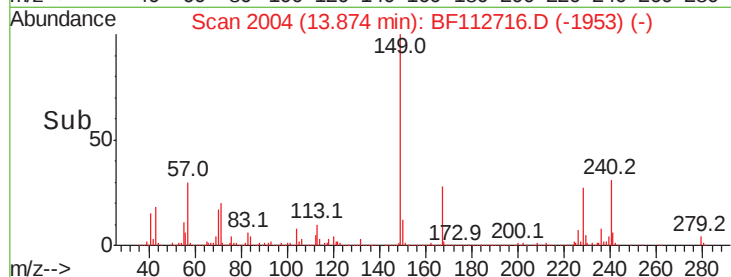
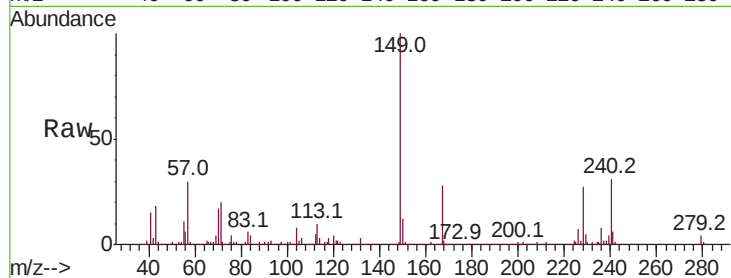
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	25.9	20.7	31.1

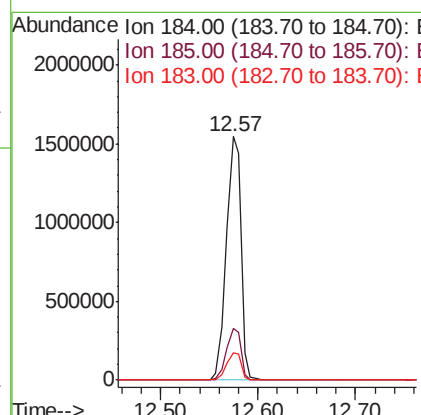
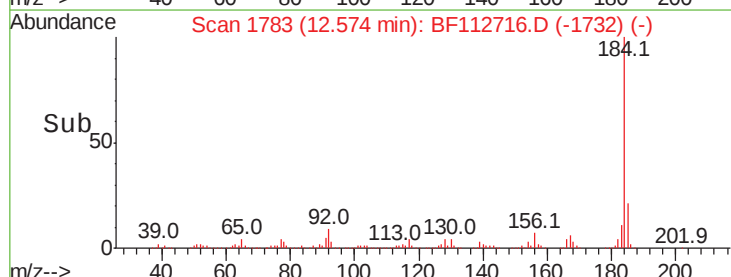
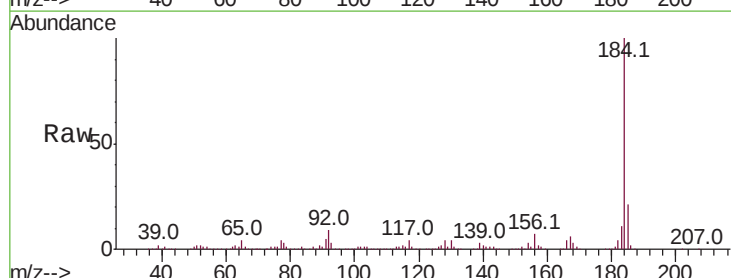
Manual Integrations
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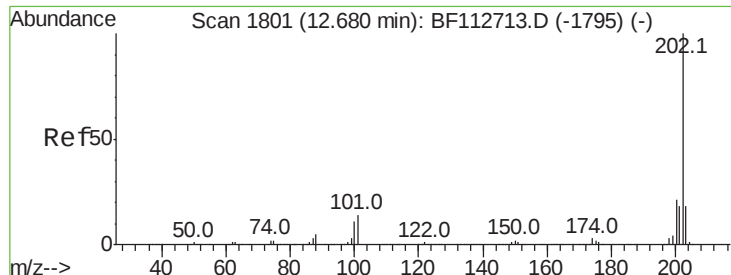
Sohil
 2/28/2019 12:46:56 PM



#77
 Benzidine
 Concen: 149.217 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.2	12.6	18.8#
183	11.4	8.6	12.8





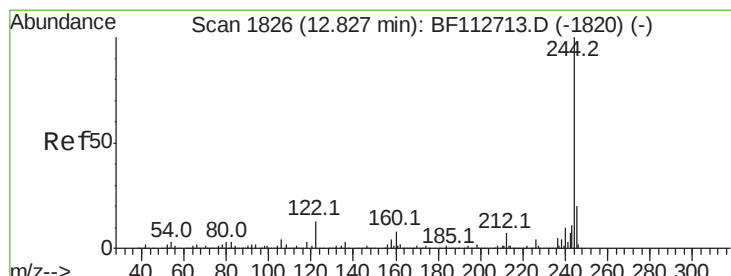
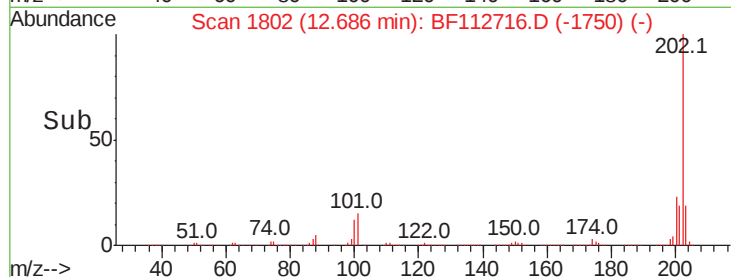
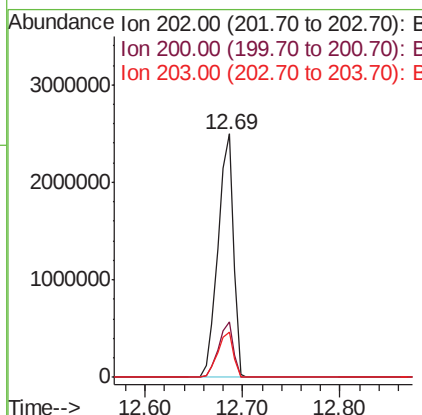
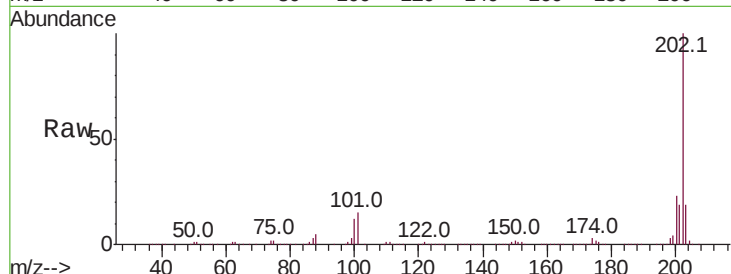
#78
Pvrene
Concen: 101.079 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.0	25.4
203	18.8	14.4	21.6

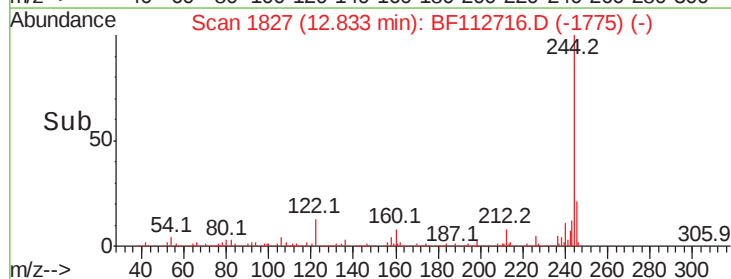
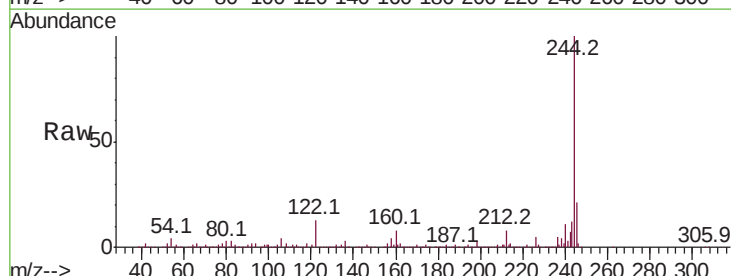
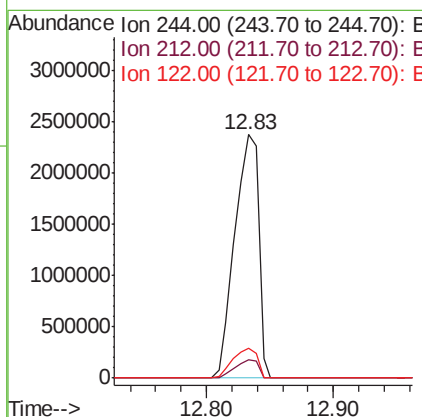
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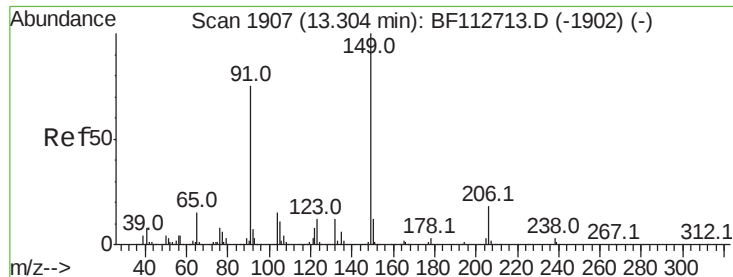
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#79
Terphenyl-d14
Concen: 147.093 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.6	8.4
122	12.5	10.5	15.7





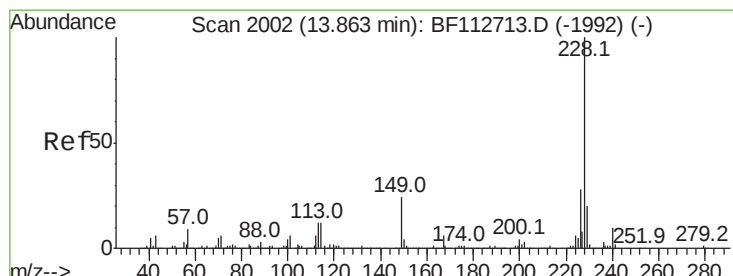
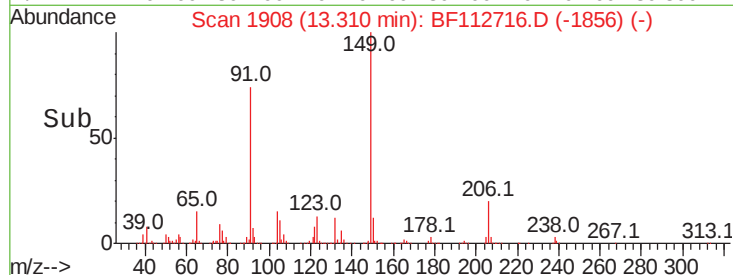
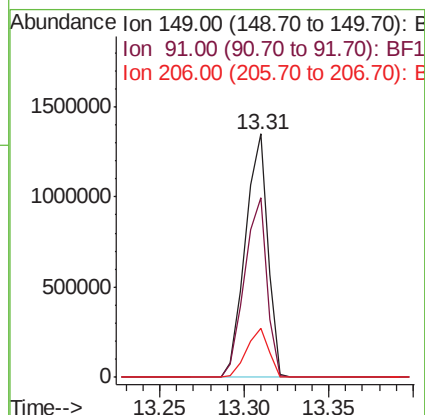
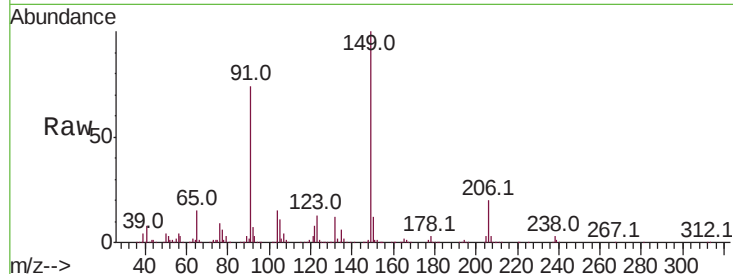
#80
Butylbenzylphthalate
Concen: 95.966 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	59.9	89.9
206	20.4	14.7	22.1

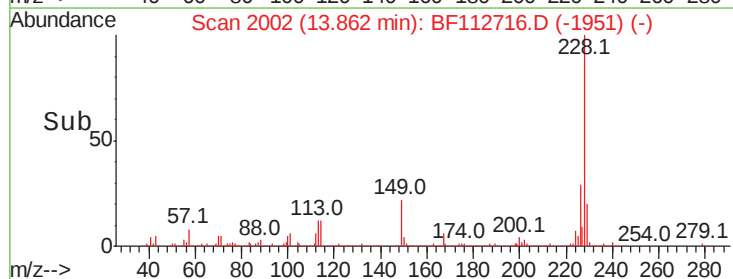
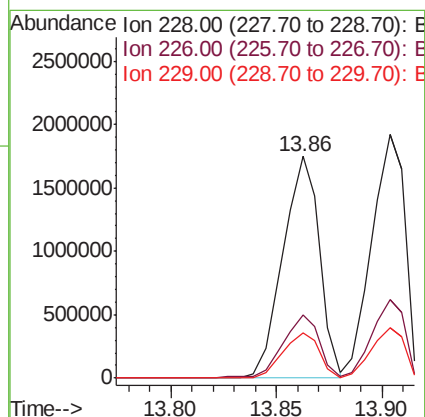
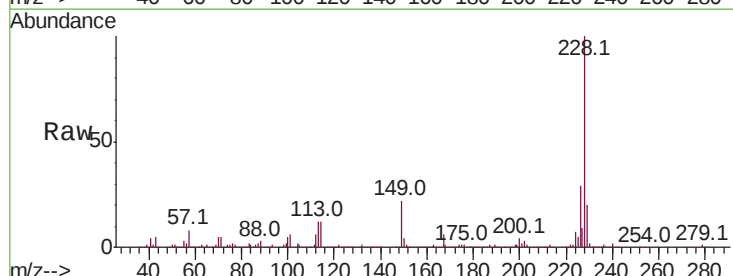
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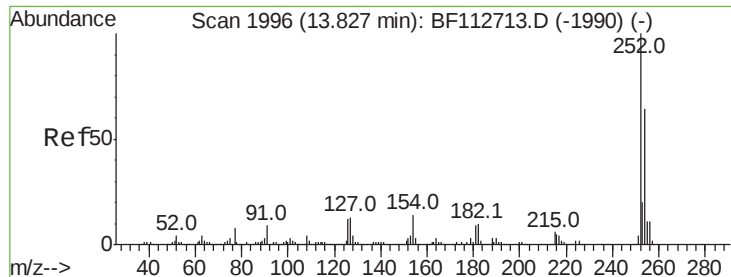
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#81
Benzo(a)anthracene
Concen: 91.224 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	20.4	16.0	24.0





#82

3,3'-Dichlorobenzidine

Concen: 90.760 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

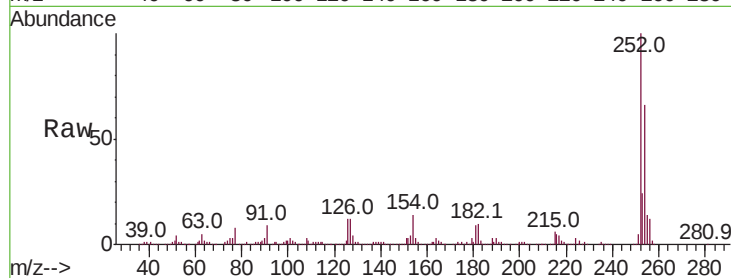
ClientSampleId :

SSTDICC080

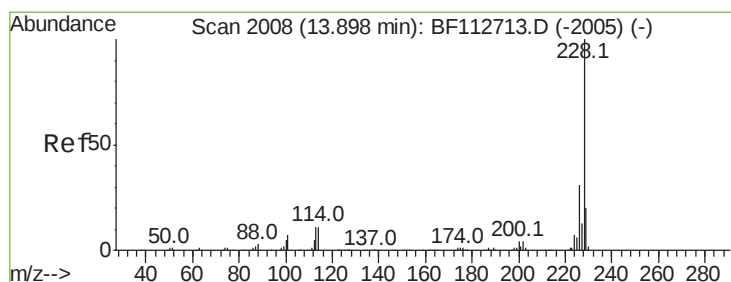
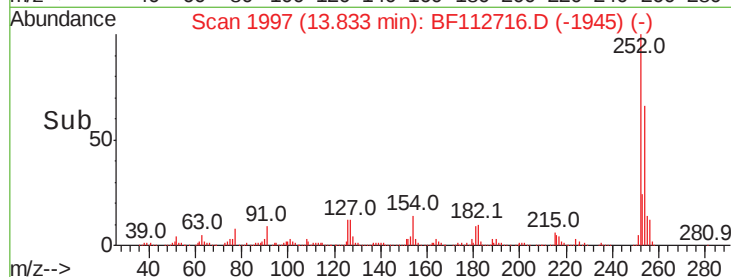
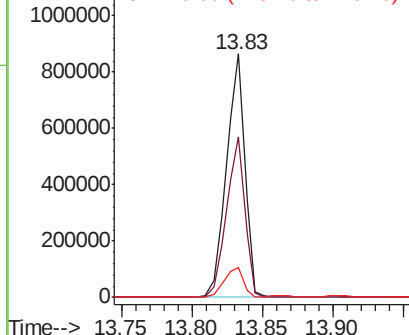
Tot Ion:	252	Resp:	784209
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.1	76.7
126	12.3	9.9	14.9

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 95.526 ng

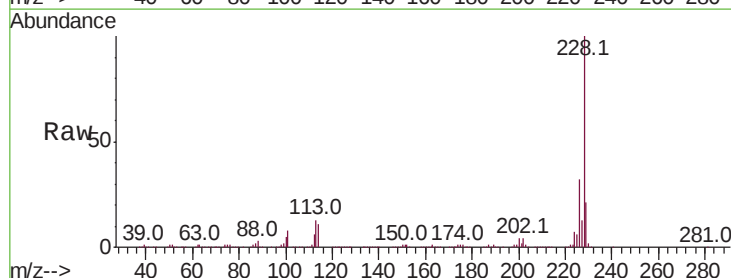
RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

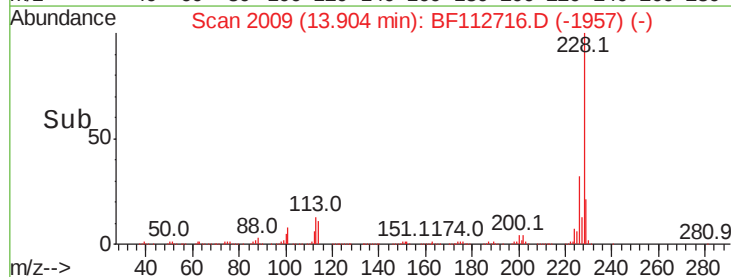
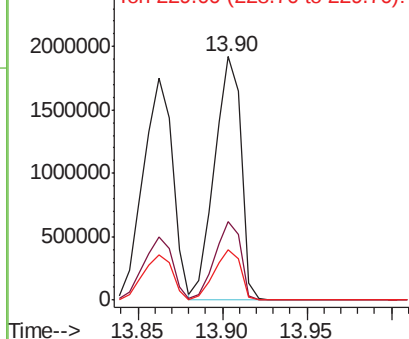
Lab File: BF112716.D

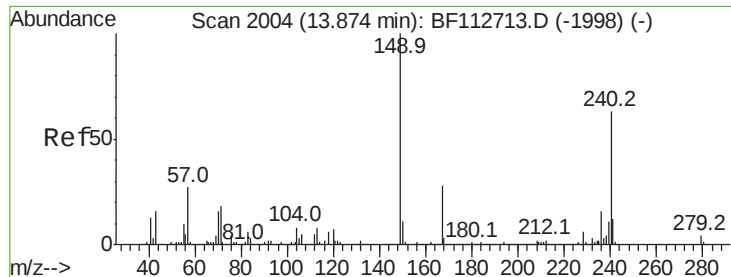
Acq: 27 Feb 2019 13:07

Tgt Ion:	228	Resp:	2105236
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.9	37.3
229	20.6	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 72.105 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1346519

Ion Ratio Lower Upper

149 100

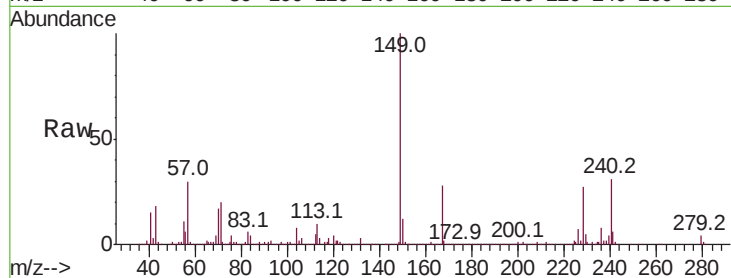
167 28.2 22.4 33.6

279 4.0 3.3 4.9

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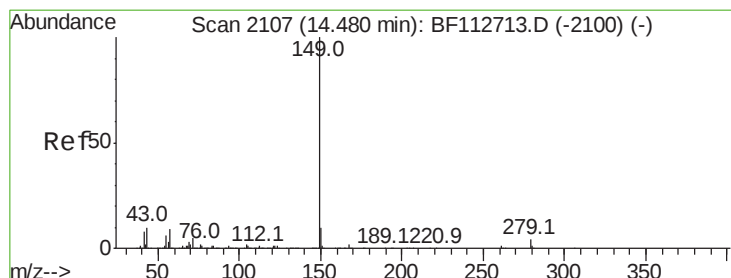
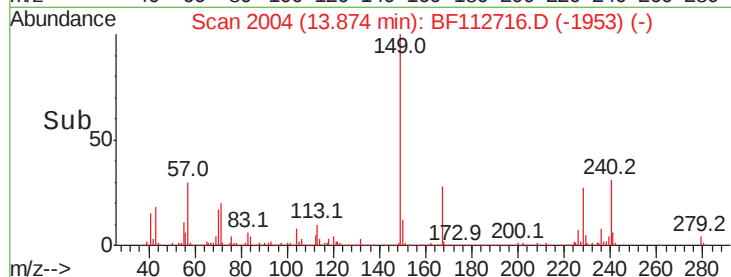
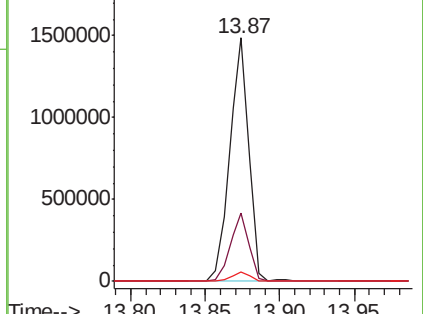
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 81.744 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BF112716.D

Acq: 27 Feb 2019 13:07

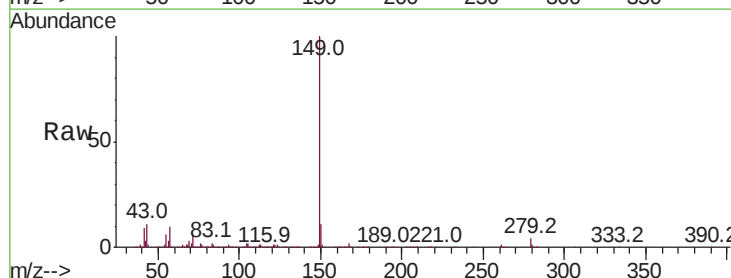
Tgt Ion:149 Resp: 2348603

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

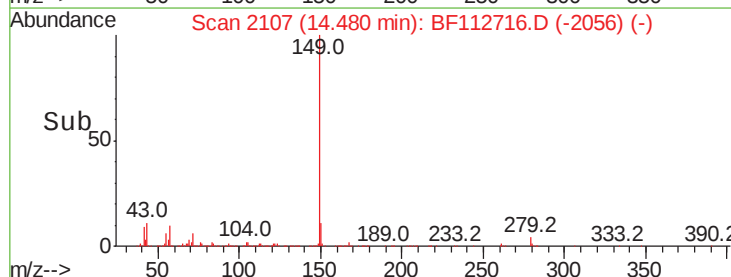
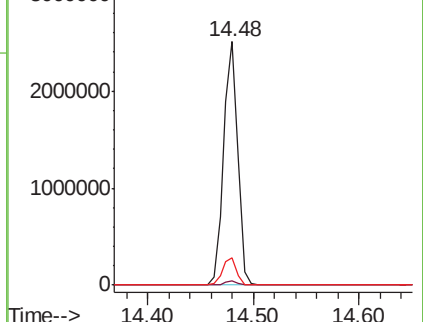
43 11.1 9.0 13.4

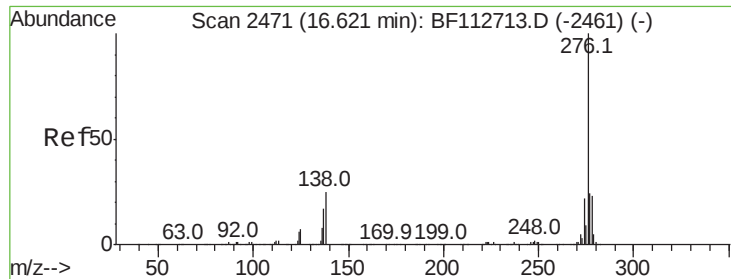


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





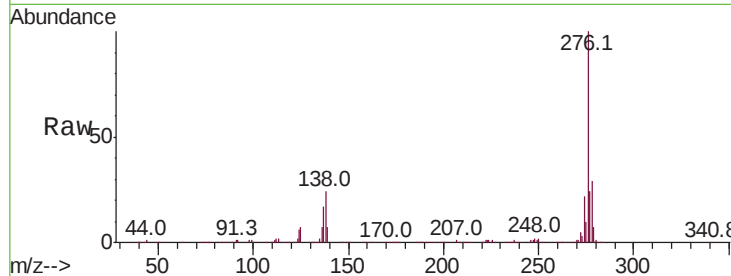
#86
Indeno(1,2,3-cd)pyrene
Concen: 114.754 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

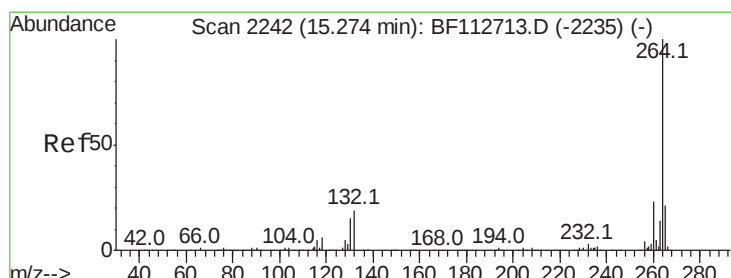
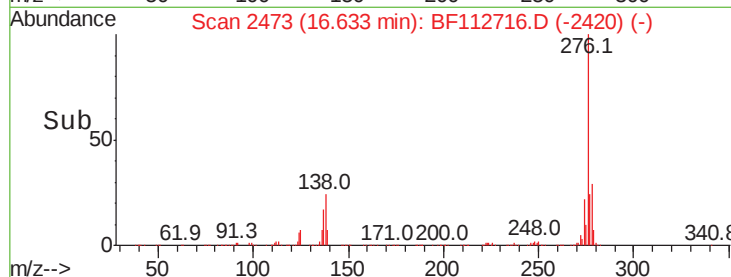
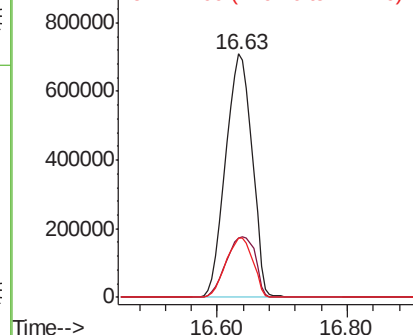
Tot Ion:276 Resp: 2003922
Ion Ratio Lower Upper
276 100
138 27.5 23.2 34.8
277 25.0 19.9 29.9

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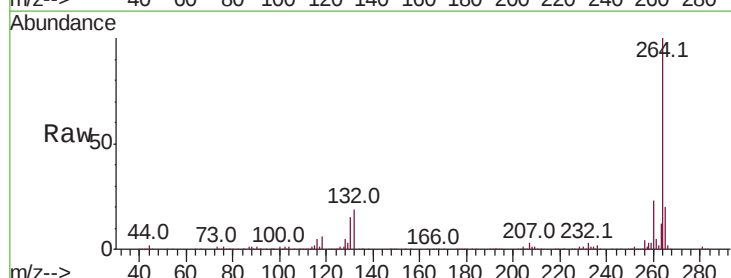


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

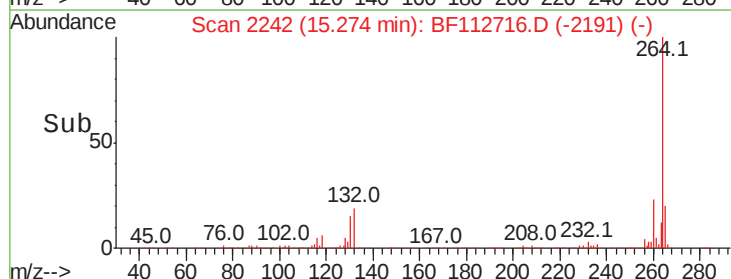
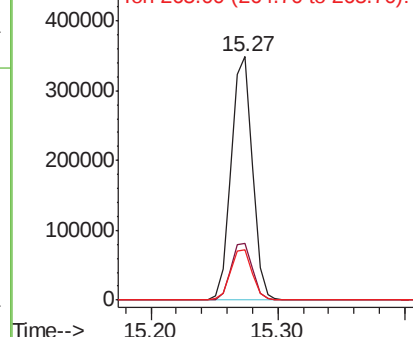


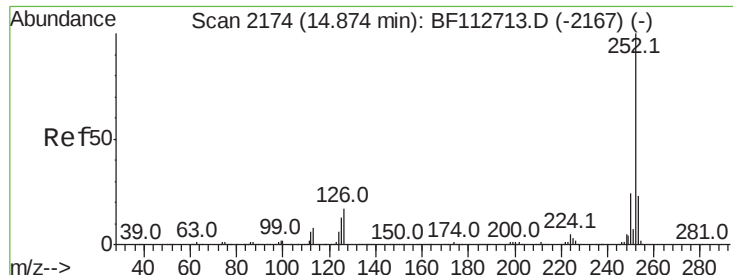
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion:264 Resp: 401476
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.5 17.2 25.8



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





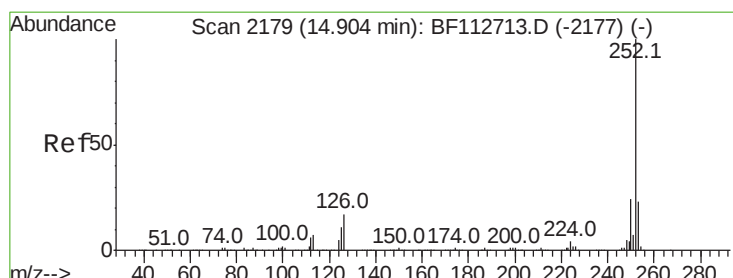
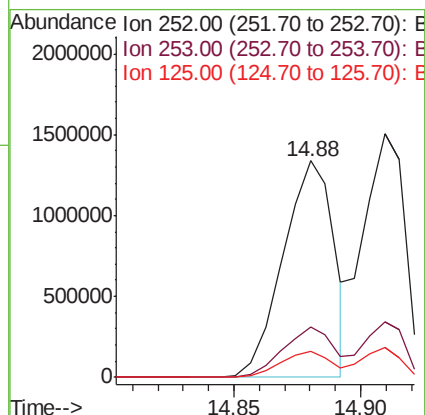
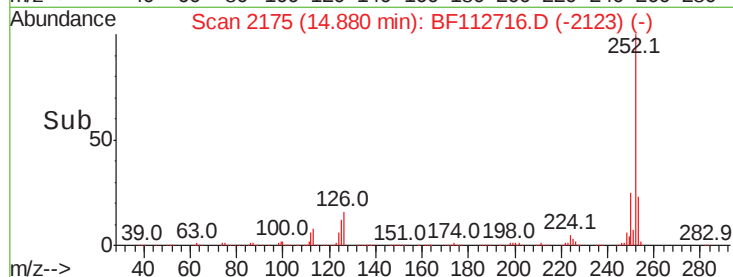
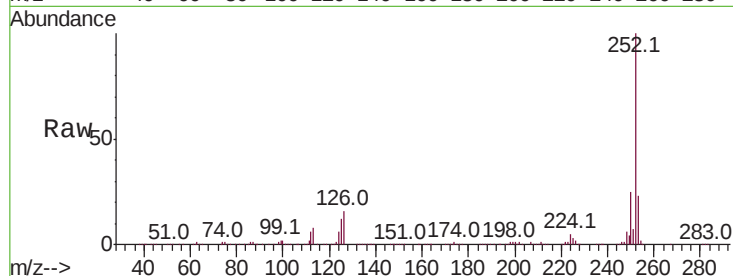
#88
Benzo(b)fluoranthene
Concen: 77.696 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.0	10.2	15.2

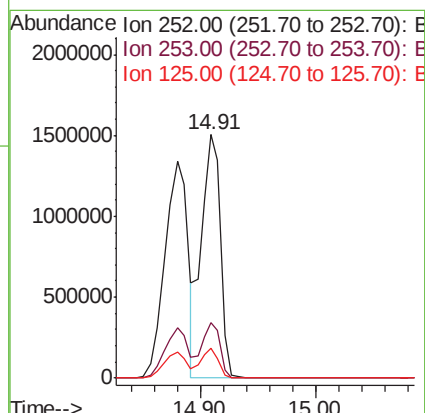
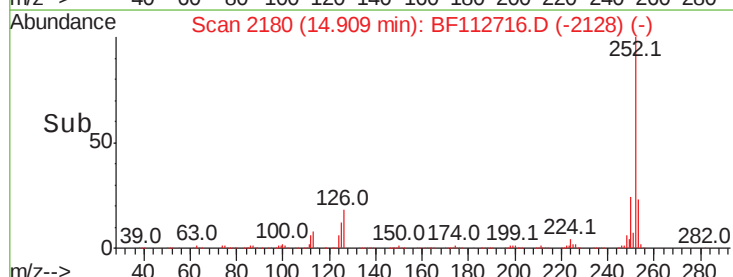
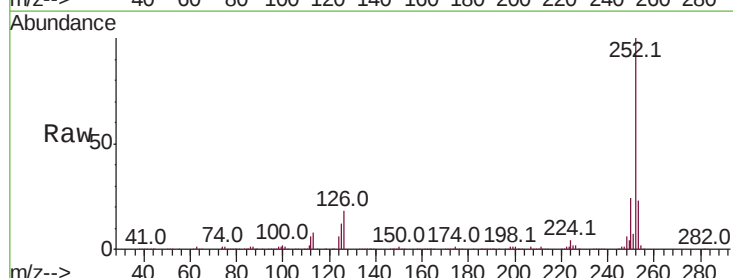
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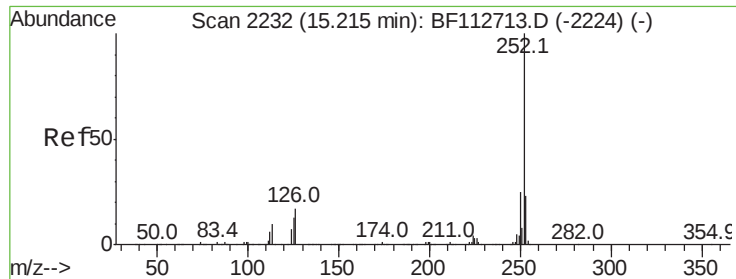
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#89
Benzo(k)fluoranthene
Concen: 74.882 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.1	9.8	14.6





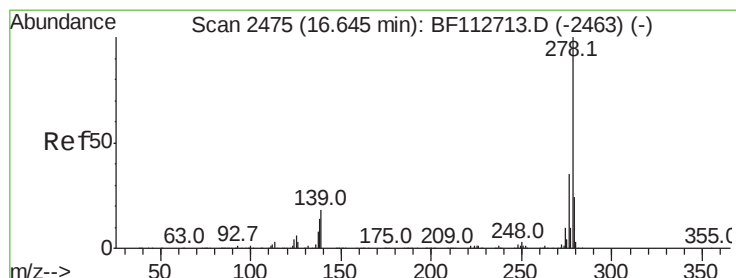
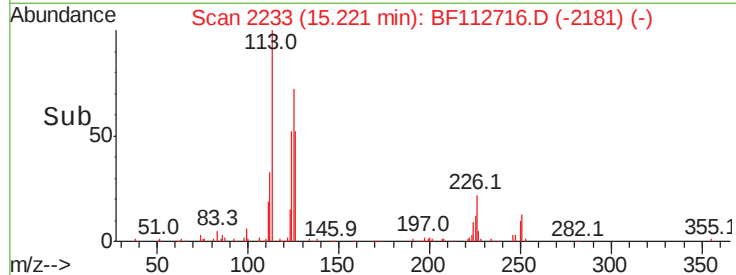
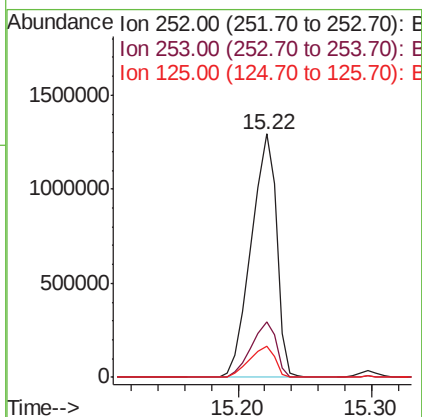
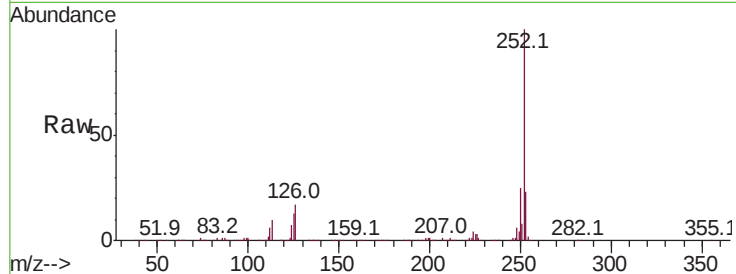
#90
Benzo(a)pyrene
Concen: 78.336 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.7	10.7	16.1

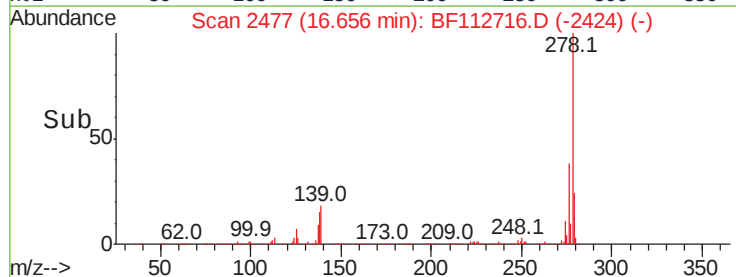
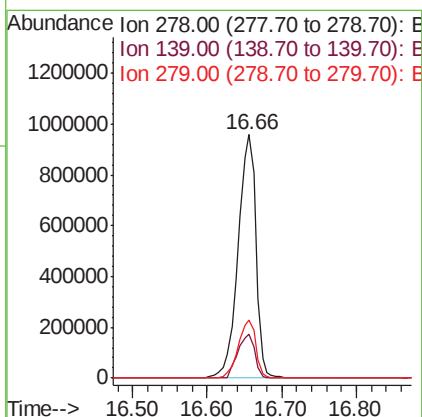
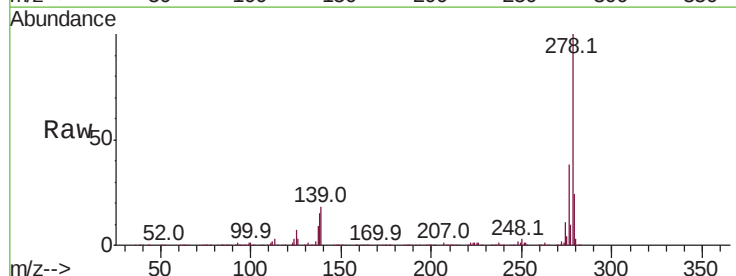
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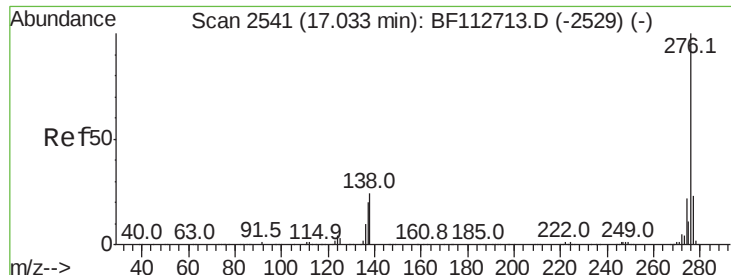
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#91
Dibenzo(a,h)anthracene
Concen: 91.079 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF112716.D
Acq: 27 Feb 2019 13:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.3	21.5
279	24.0	19.4	29.0





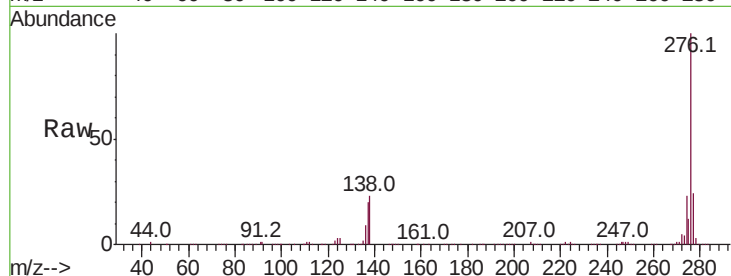
#92
 Benzo(a,h,i)perylene
 Concen: 104.321 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.02 min
 Lab File: BF112716.D
 Acq: 27 Feb 2019 13:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	23.4	19.4	29.0

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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

