

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113278.D
 Acq On : 25 Mar 2019 14:00
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:21:07 PM

Quant Time: Mar 26 03:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:25:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	127058	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	496957	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	244536	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	496664	20.00	ng	0.00
76) Chrysene-d12	13.85	240	426790	20.00	ng	0.00
87) Perylene-d12	15.24	264	296239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1293613	158.37	ng	0.00
7) Phenol-d6	6.37	99	1373502	133.86	ng	0.01
23) Nitrobenzene-d5	7.28	82	1334123	160.64	ng	0.01
42) 2,4,6-Tribromophenol	10.53	330	445702	171.68	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	2256189	-20.00	ng	0.00
79) Terphenyl-d14	12.80	244	2678513	121.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	328327	80.189	ng	100
3) Pyridine	3.07	79	901436	82.293	ng	98
4) n-Nitrosodimethylamine	3.03	42	404036	84.319	ng	95
6) Aniline	6.38	93	856952	60.676	ng	# 72
8) 2-Chlorophenol	6.50	128	646631	71.117	ng	95
9) Benzaldehyde	6.26	77	441871	59.768	ng	99
10) Phenol	6.38	94	800224	66.834	ng	92
11) bis(2-Chloroethyl)ether	6.45	93	622307	67.715	ng	98
12) 1,3-Dichlorobenzene	6.65	146	704351	74.989	ng	100
13) 1,4-Dichlorobenzene	6.73	146	706095	74.960	ng	100
14) 1,2-Dichlorobenzene	6.88	146	635110	73.550	ng	100
15) Benzyl Alcohol	6.86	79	484999	61.989	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	933267	60.852	ng	97
17) 2-Methylphenol	6.98	107	524091	71.050	ng	95
18) Hexachloroethane	7.22	117	263038	72.899	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	433703	66.741	ng	99
20) 3+4-Methylphenols	7.14	107	590045	70.853	ng	91
22) Acetophenone	7.13	105	850804	73.218	ng	96
24) Nitrobenzene	7.30	77	686657	74.285	ng	95
25) Isophorone	7.54	82	1271371	71.058	ng	98
26) 2-Nitrophenol	7.61	139	370461	96.277	ng	99
27) 2,4-Dimethylphenol	7.66	122	516280	72.121	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	770287	68.860	ng	99
29) 2,4-Dichlorophenol	7.86	162	546713	78.754	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	599958	80.432	ng	98
31) Naphthalene	8.02	128	1803090	73.080	ng	99
32) Benzoic acid	7.83	122	428401	85.384	ng	98
33) 4-Chloroaniline	8.07	127	746394	71.424	ng	100
34) Hexachlorobutadiene	8.13	225	362211	86.103	ng	100
35) Caprolactam	8.47	113	184593m	75.497	ng	
36) 4-Chloro-3-methylphenol	8.56	107	579539	75.434	ng	97
37) 2-Methylnaphthalene	8.70	142	1176341	73.829	ng	98
38) 1-Methylnaphthalene	8.80	142	1137747	73.715	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	568486	79.721	ng	99

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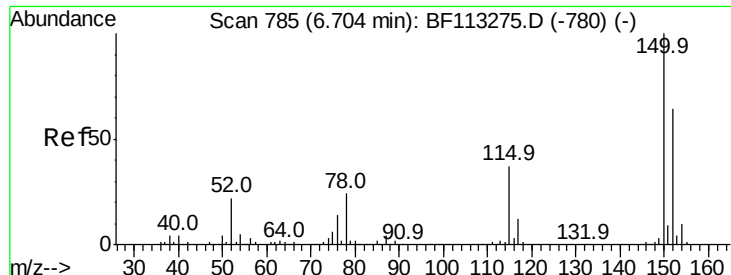
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	282915	72.451	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	380897	77.612	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	413703	77.989	nq	97
46) 1,1'-Biphenyl	9.17	154	1438779	72.135	nq	98
47) 2-Chloronaphthalene	9.19	162	1133140	72.757	nq	99
48) 2-Nitroaniline	9.29	65	373952	78.995	nq	96
49) Acenaphthylene	9.60	152	1832931	69.325	nq	99
50) Dimethylphthalate	9.48	163	1378206	76.436	nq	100
51) 2,6-Dinitrotoluene	9.54	165	308582	82.184	nq	96
52) Acenaphthene	9.78	154	1042964	67.454	nq	100
53) 3-Nitroaniline	9.70	138	354444	77.470	nq	89
54) 2,4-Dinitrophenol	9.82	184	178397	113.238	nq	92
55) Dibenzofuran	9.95	168	1516369	67.478	nq	98
56) 4-Nitrophenol	9.88	139	258869	69.619	nq	98
57) 2,4-Dinitrotoluene	9.95	165	383752	82.222	nq	93
58) Fluorene	10.29	166	1200936	75.295	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	372799	84.353	nq	97
60) Diethylphthalate	10.17	149	1325545	69.606	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	577714	77.850	nq	99
62) 4-Nitroaniline	10.32	138	366086	86.591	nq	94
63) Azobenzene	10.45	77	1232922	63.209	nq	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	214886	99.792	nq	98
66) n-Nitrosodiphenylamine	10.40	169	1100783	69.108	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	404310	77.286	nq	98
68) Hexachlorobenzene	10.84	284	469056	79.540	nq	# 91
69) Atrazine	10.93	200	355206	72.812	nq	95
70) Pentachlorophenol	11.03	266	265725	76.558	nq	99
71) Phenanthrene	11.25	178	1789346	72.411	nq	99
72) Anthracene	11.30	178	1799245	69.557	nq	99
73) Carbazole	11.45	167	1730584	68.583	nq	99
74) Di-n-butylphthalate	11.78	149	2001594	66.155	nq	99
75) Fluoranthene	12.43	202	2265888	85.586	nq	98
77) Benzidine	12.55	184	1147216	51.810	nq	# 94
78) Pyrene	12.66	202	2255225	62.681	nq	98
80) Butylbenzylphthalate	13.27	149	1017217	64.050	nq	95
81) Benzo(a)anthracene	13.84	228	1762998	59.602	nq	99
82) 3,3'-Dichlorobenzidine	13.80	252	684492	61.186	nq	99
83) Chrysene	13.88	228	1725541	59.555	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1181898	63.447	nq	# 98
85) Di-n-octyl phthalate	14.44	149	1761712	55.076	nq	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	1433879	58.049	nq	100
88) Benzo(b)fluoranthene	14.86	252	1446171	75.472	nq	99
89) Benzo(k)fluoranthene	14.89	252	1203587	69.345	nq	99
90) Benzo(a)pyrene	15.19	252	1235983	72.925	nq	99
91) Dibenzo(a,h)anthracene	16.63	278	1150736	79.566	nq	99
92) Benzo(g,h,i)perylene	17.02	276	1210555	83.357	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 127058

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

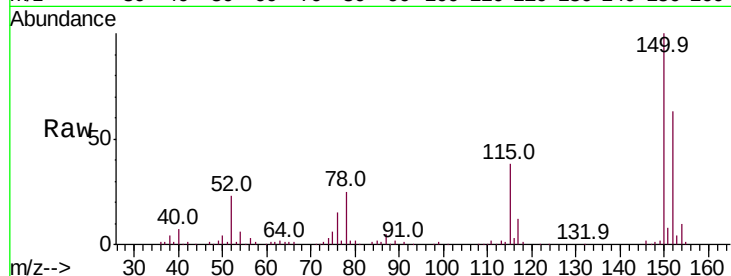
115 60.9 46.0 69.0

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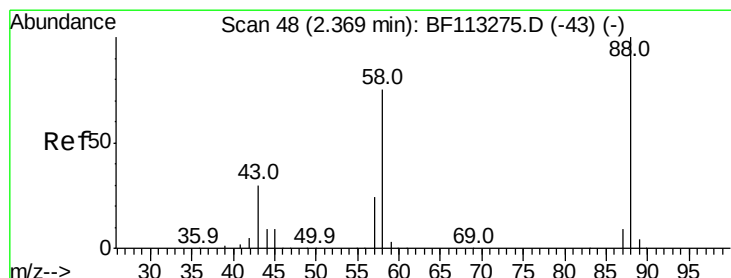
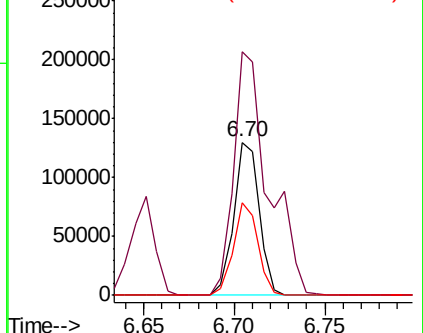
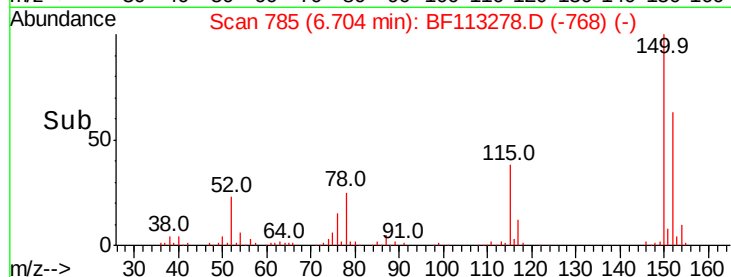
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 80.189 ng

RT: 2.37 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

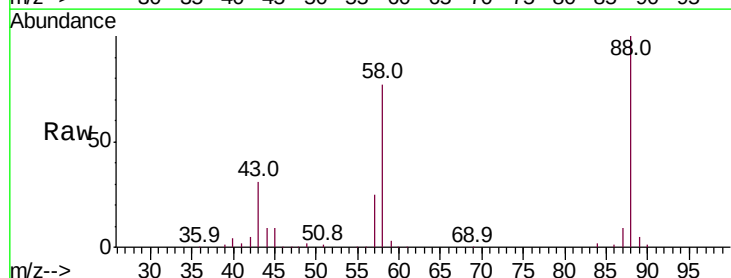
Tgt Ion: 88 Resp: 328327

Ion Ratio Lower Upper

88 100

58 77.7 61.9 92.9

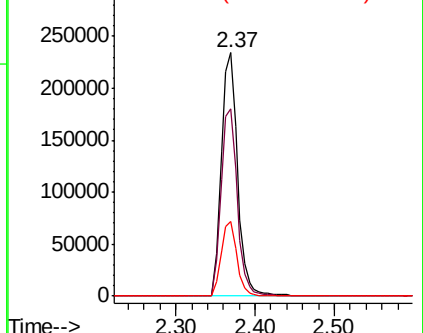
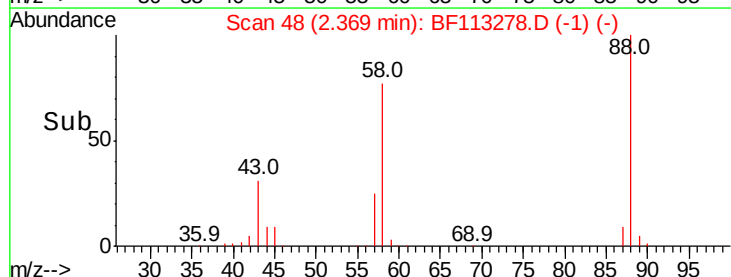
43 30.3 24.2 36.4

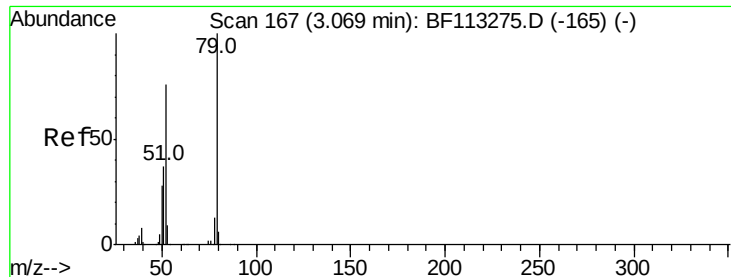


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 82.293 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

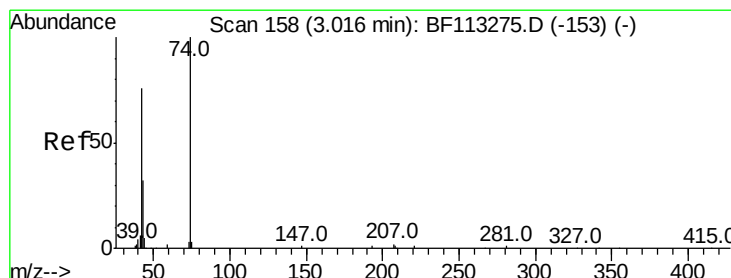
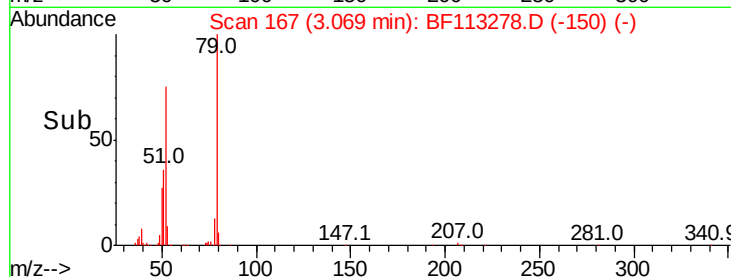
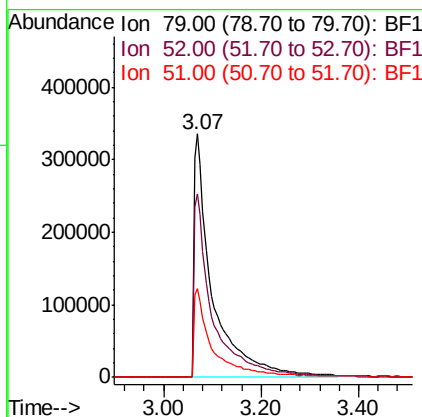
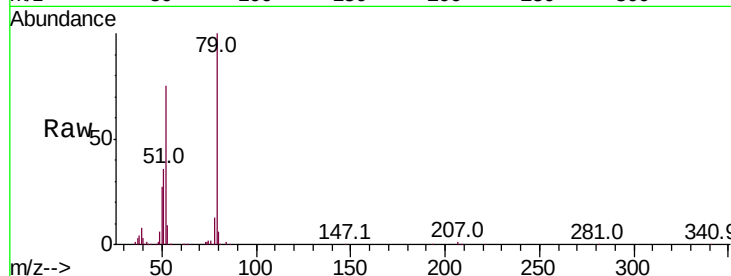
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	901436
Ion Ratio	Lower	Upper	
79	100		
52	75.3	61.0	91.4
51	36.4	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 84.319 ng

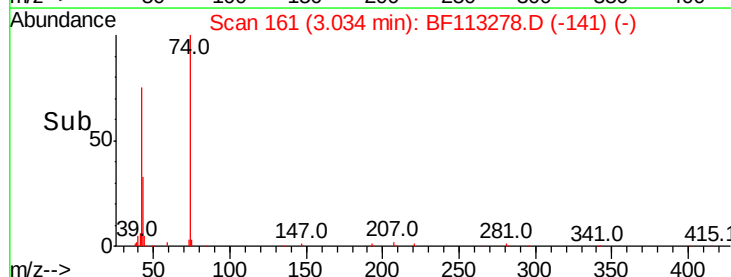
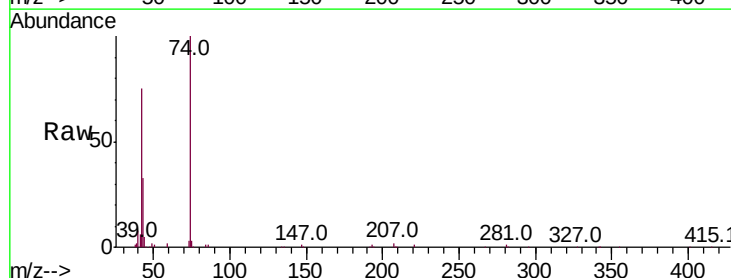
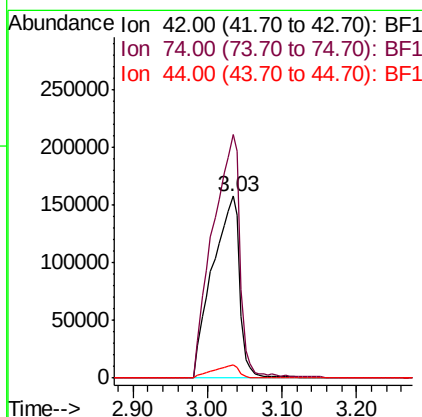
RT: 3.03 min Scan# 161

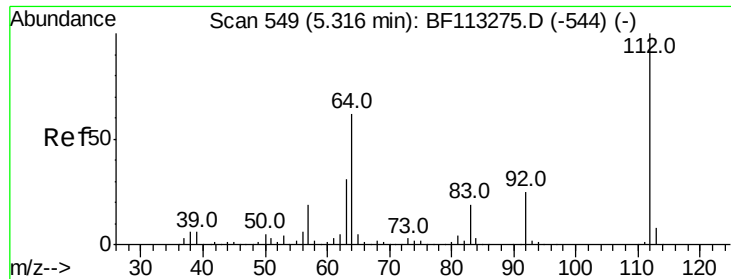
Delta R.T. 0.02 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Tgt Ion:	42	Resp:	404036
Ion Ratio	Lower	Upper	
42	100		
74	133.8	102.4	153.6
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 158.374 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 1293613

Ion Ratio Lower Upper

112 100

64 62.2 49.2 73.8

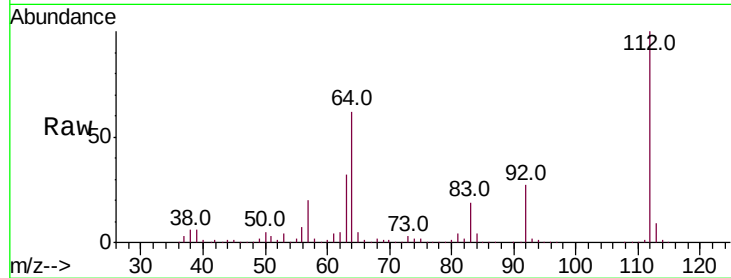
63 32.3 24.9 37.3

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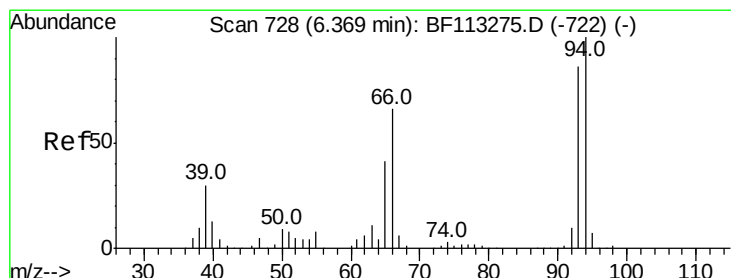
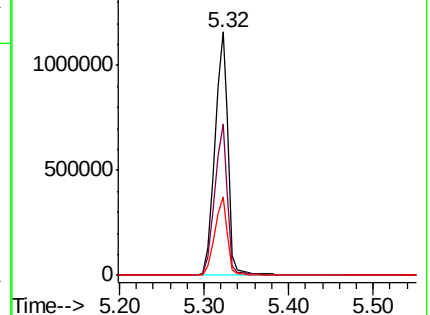
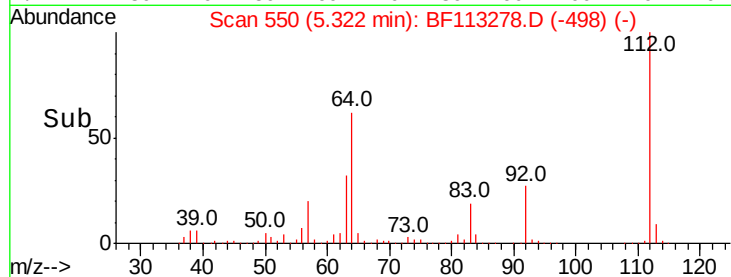
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 60.676 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

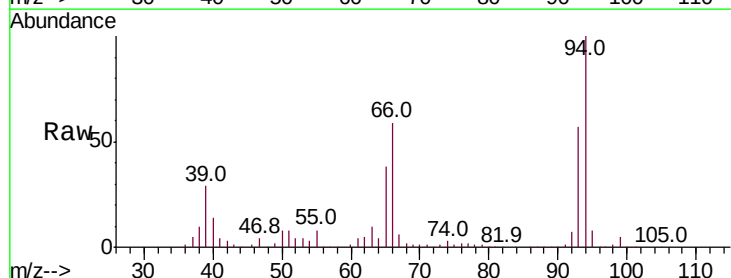
Tgt Ion: 93 Resp: 856952

Ion Ratio Lower Upper

93 100

66 102.1 62.1 93.1#

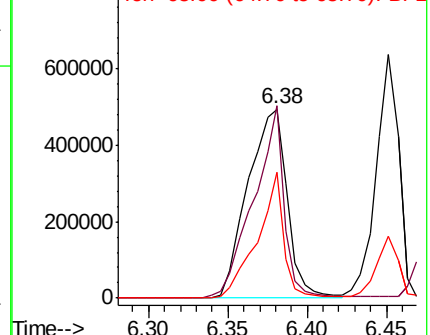
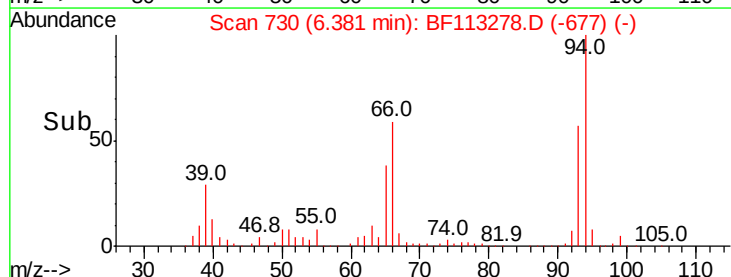
65 66.4 38.7 58.1#

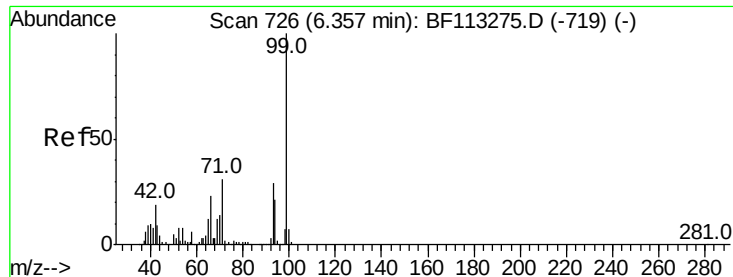


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.864 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1373502

Ion Ratio Lower Upper

99 100

42 19.7 14.8 22.2

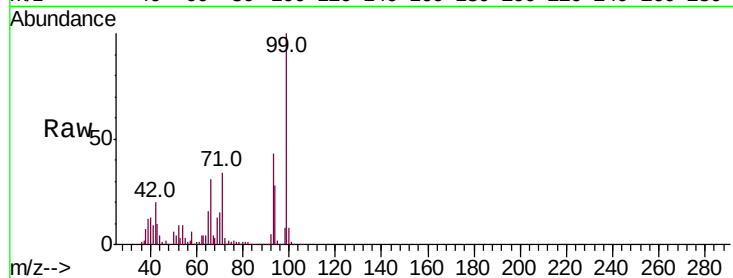
71 33.8 24.9 37.3

Manual Integrations

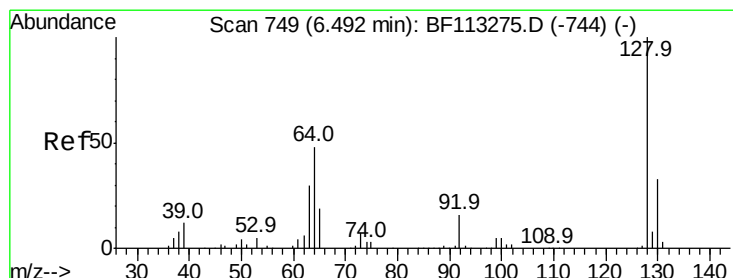
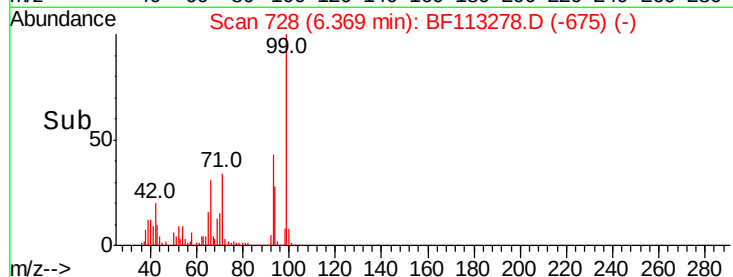
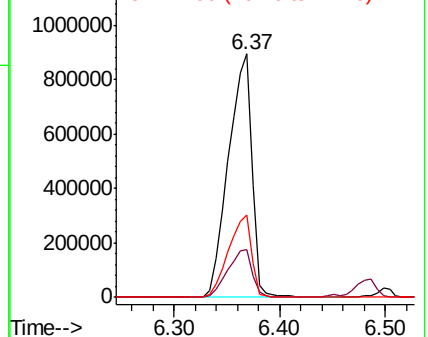
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 71.117 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

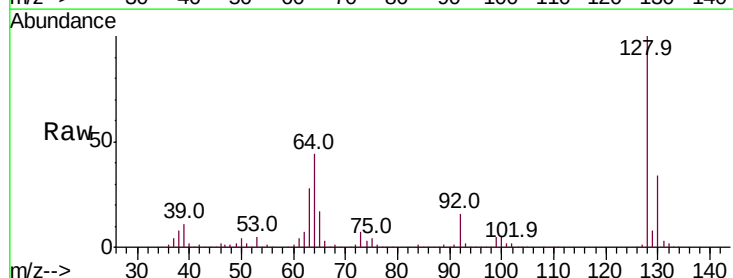
Tgt Ion: 128 Resp: 646631

Ion Ratio Lower Upper

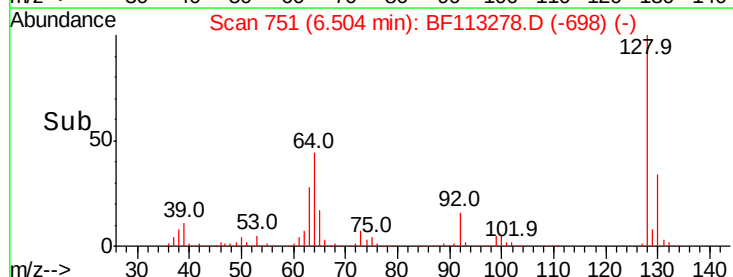
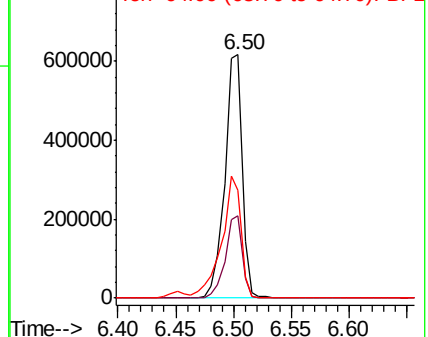
128 100

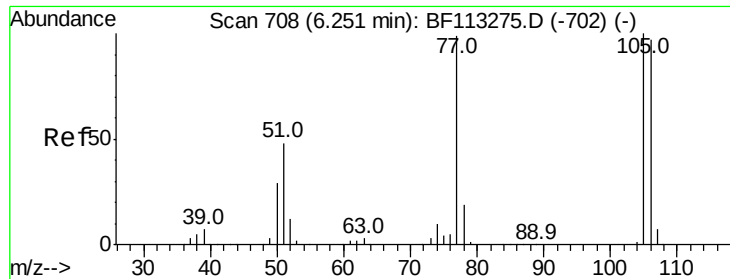
130 33.8 12.6 52.6

64 44.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 59.768 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

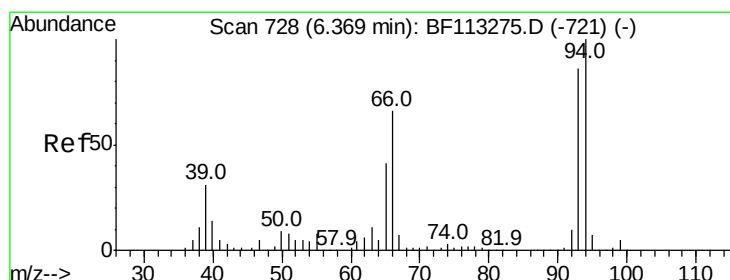
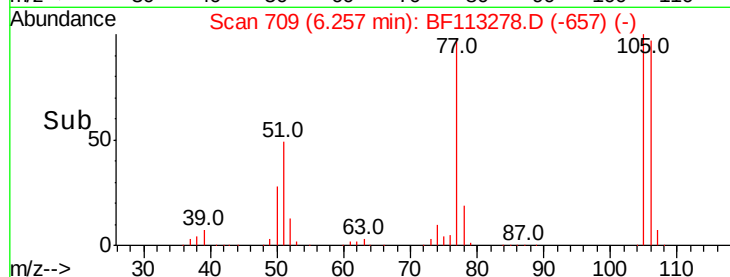
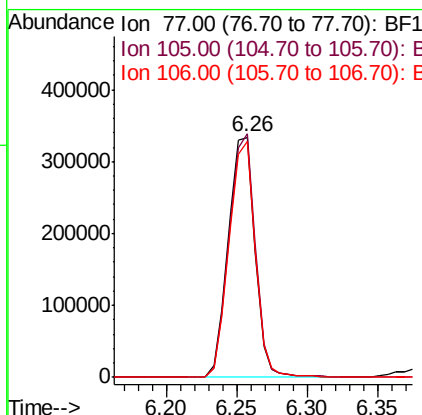
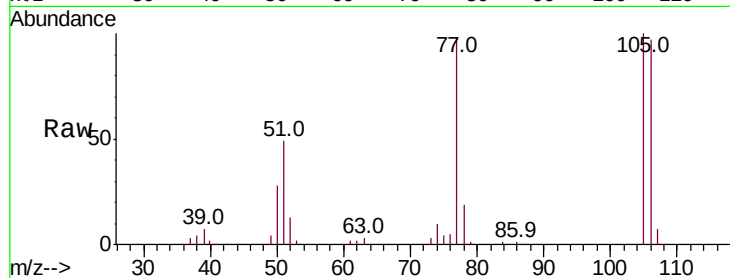
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	441871
Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.9	120.9
106	98.6	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 66.834 ng

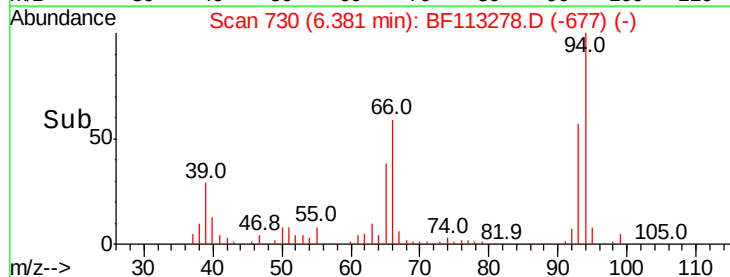
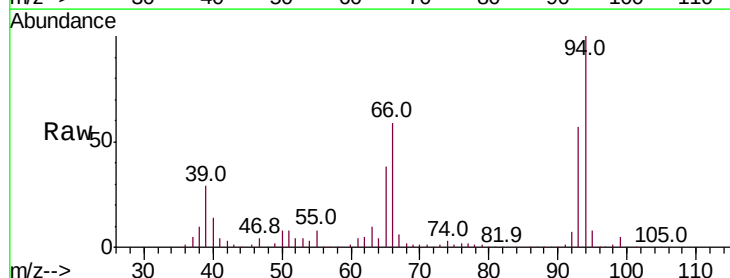
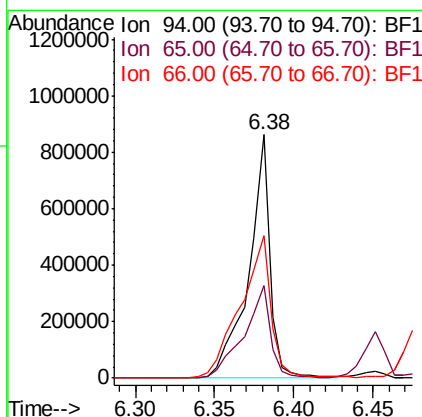
RT: 6.38 min Scan# 730

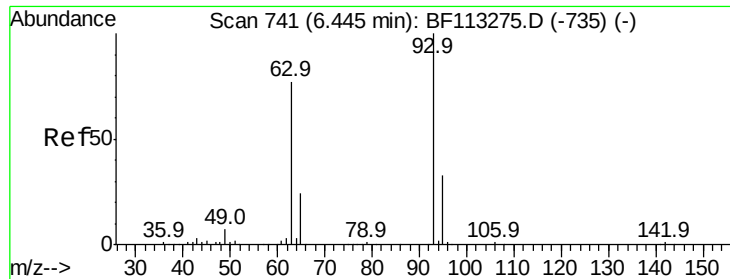
Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Tgt Ion:	94	Resp:	800224
Ion	Ratio	Lower	Upper
94	100		
65	38.1	21.4	61.4
66	58.5	46.4	86.4





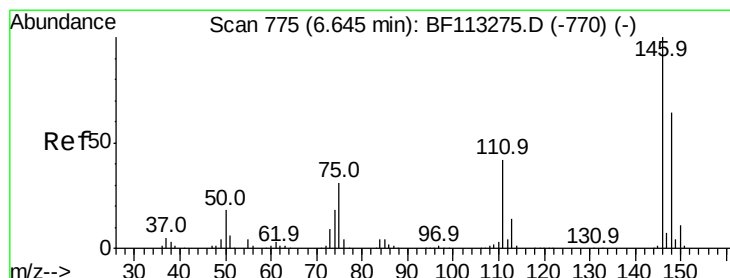
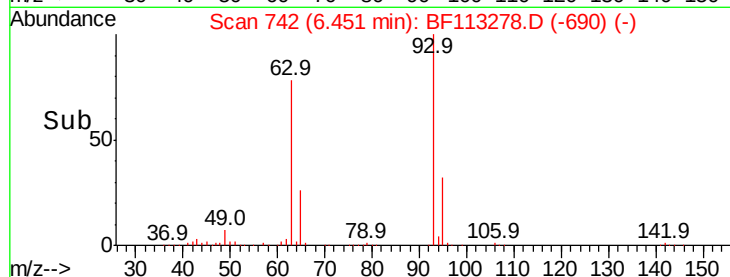
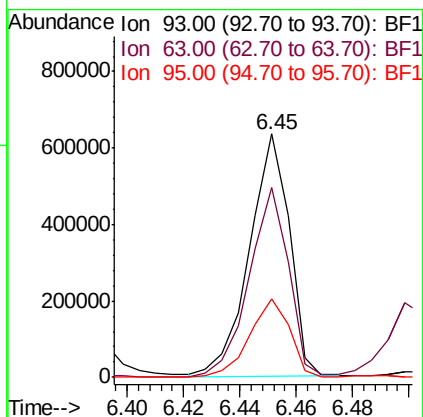
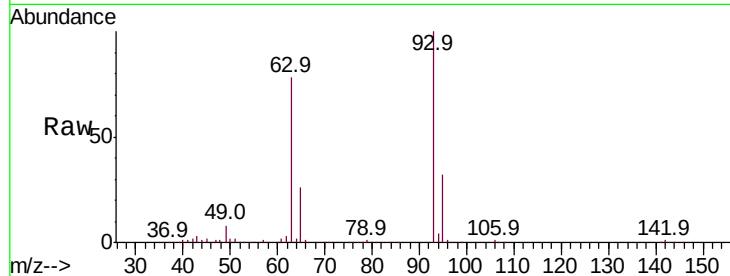
#11
bis(2-Chloroethyl)ether
Concen: 67.715 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	56.1	96.1
95	32.1	12.8	52.8

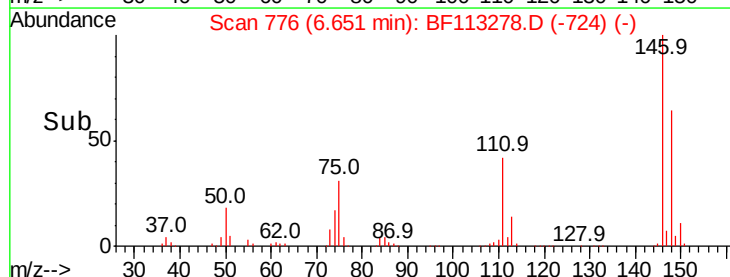
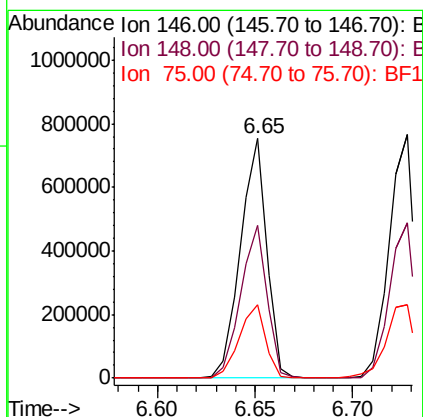
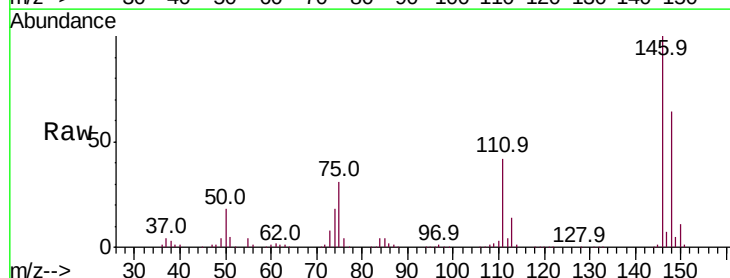
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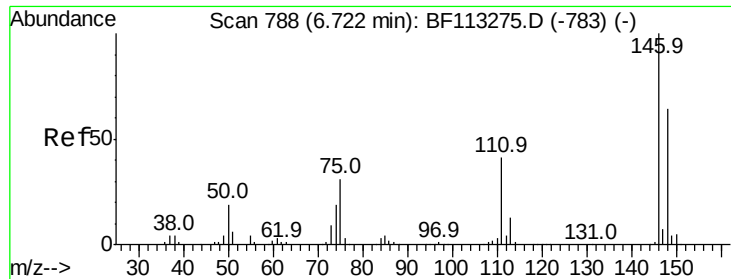
Sohil
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#12
1,3-Dichlorobenzene
Concen: 74.989 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	30.6	24.8	37.2





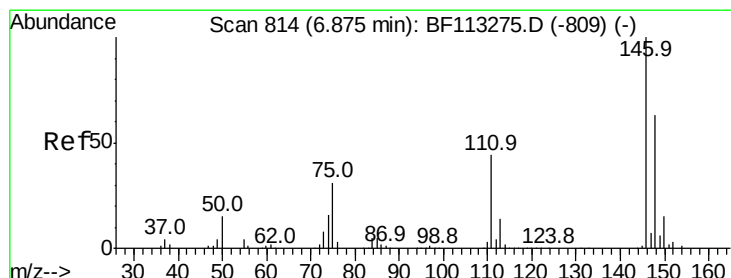
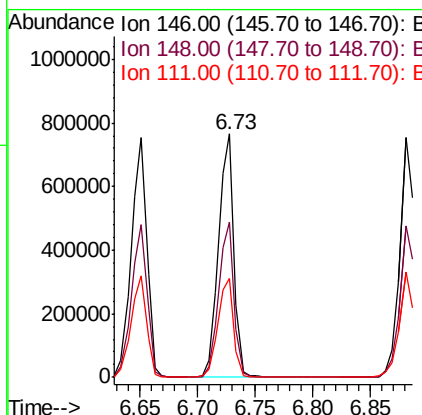
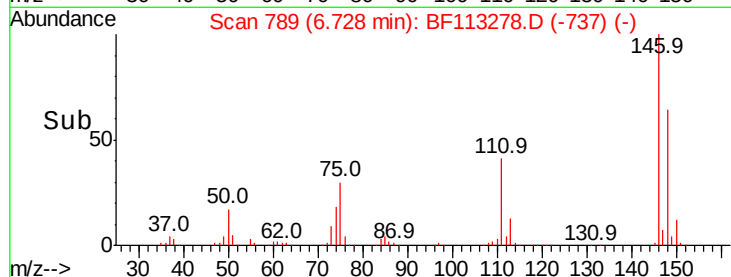
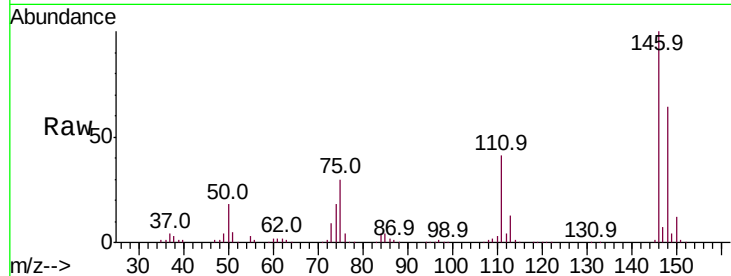
#13
 1,4-Dichlorobenzene
 Concen: 74.960 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	40.6	32.8	49.2

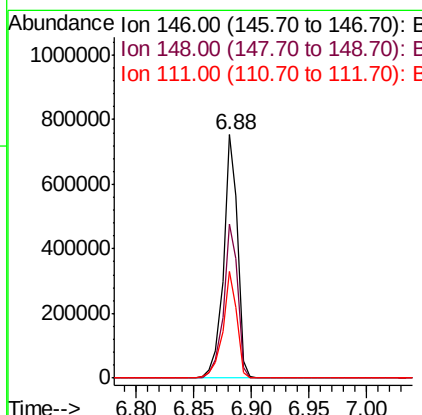
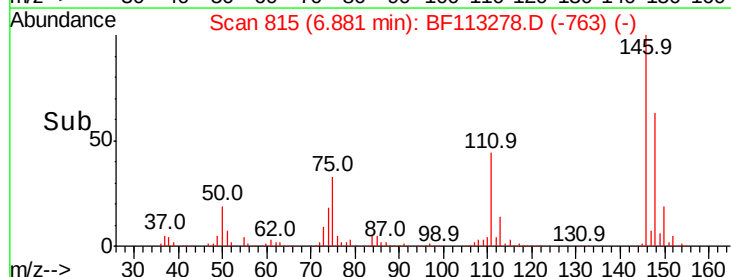
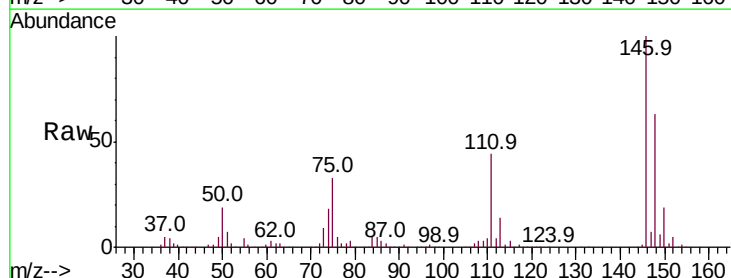
Manual Integrations
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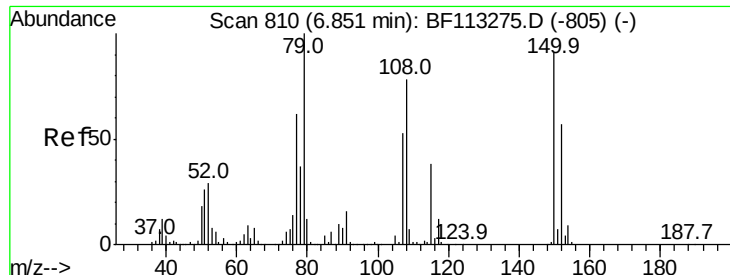
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 73.550 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.4
111	44.1	35.4	53.2





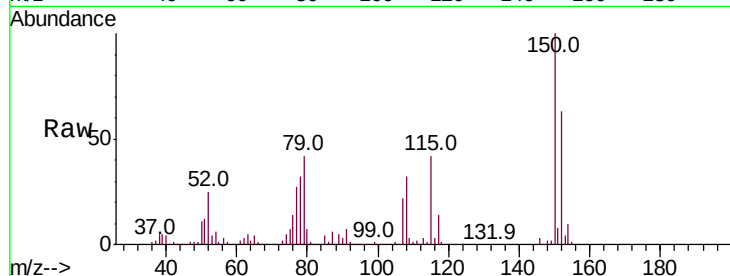
#15
Benzyl Alcohol
Concen: 61.989 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampled :
SSTDIC080

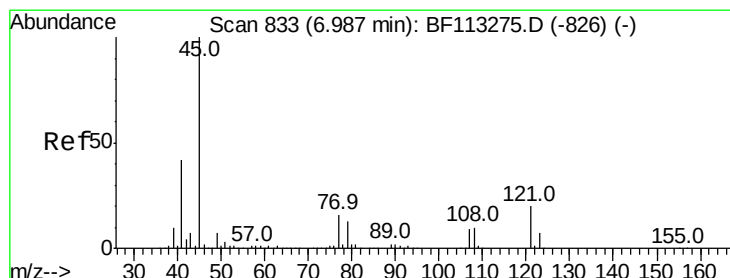
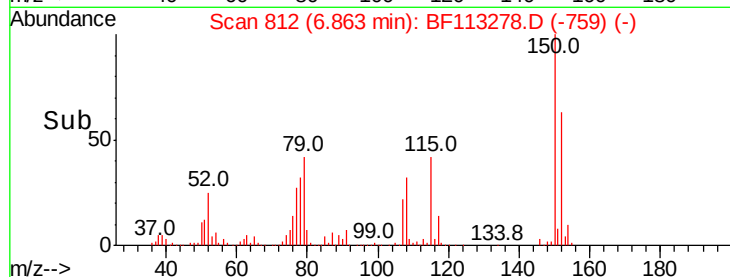
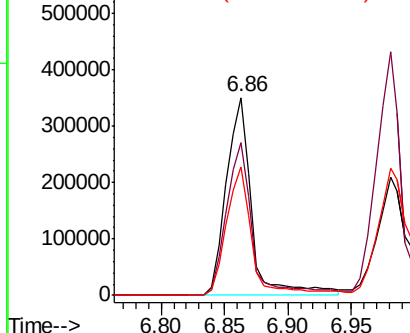
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.0	93.0
77	64.8	49.9	74.9

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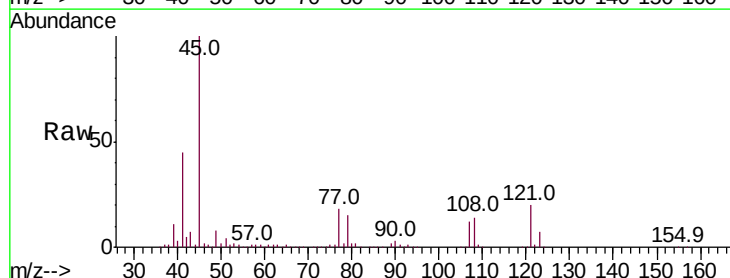


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

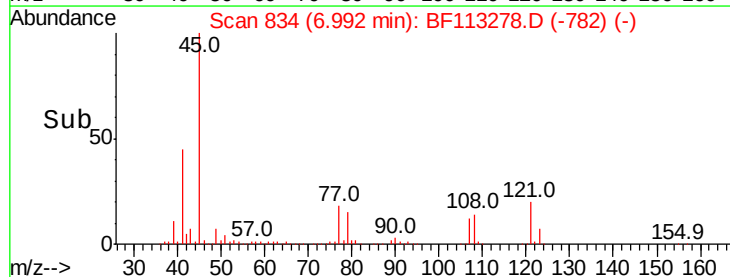
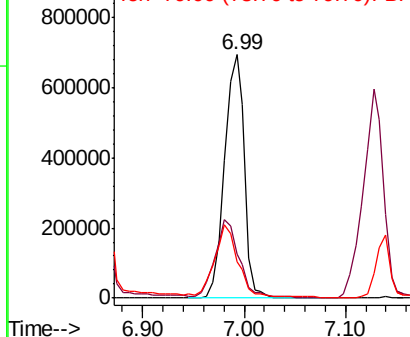


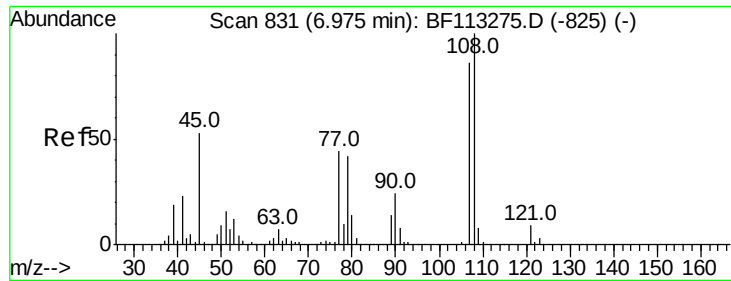
#16
2,2'-oxybis(1-chloropropane)
Concen: 60.852 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	36.6
79	15.0	0.0	34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





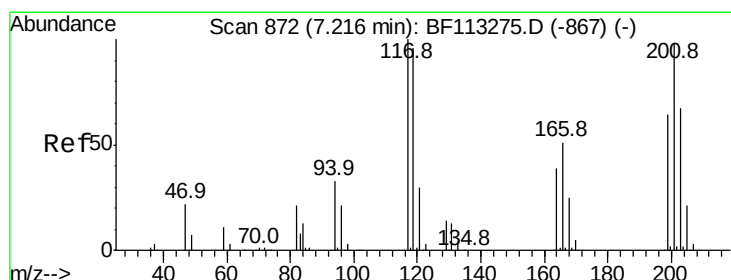
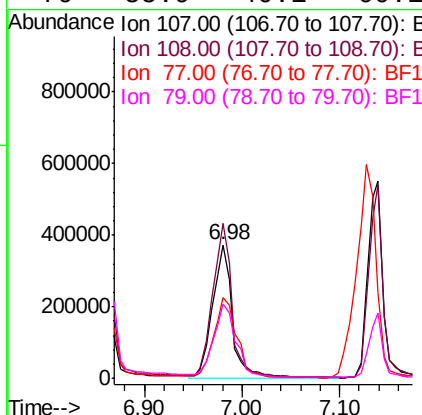
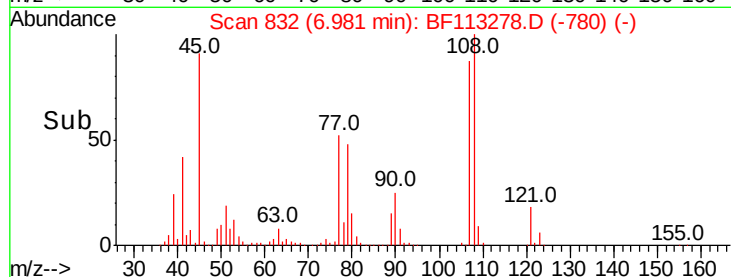
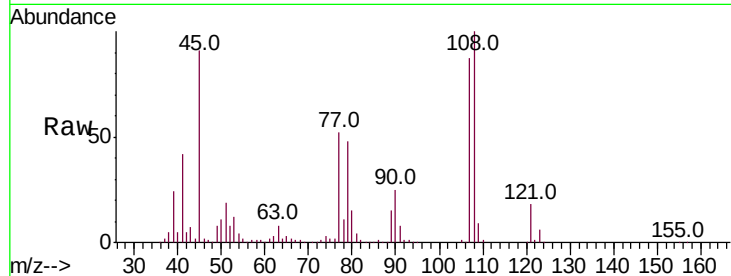
#17
2-Methylphenol
Concen: 71.050 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion:	107	Resp:	524091
Ion Ratio	Lower	Upper	
107	100		
108	115.5	93.4	140.0
77	60.3	41.2	61.8
79	55.9	40.1	60.1

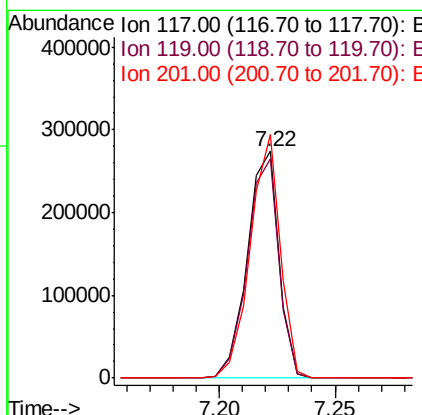
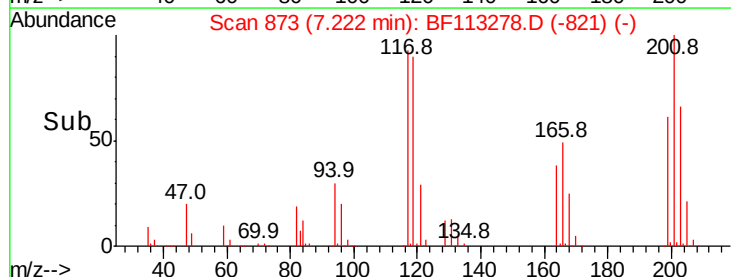
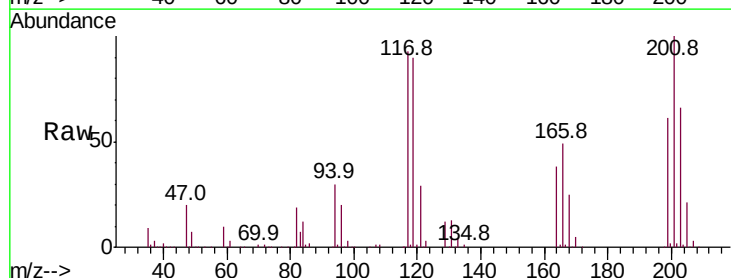
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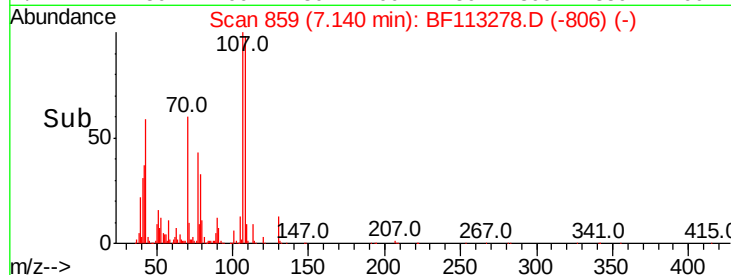
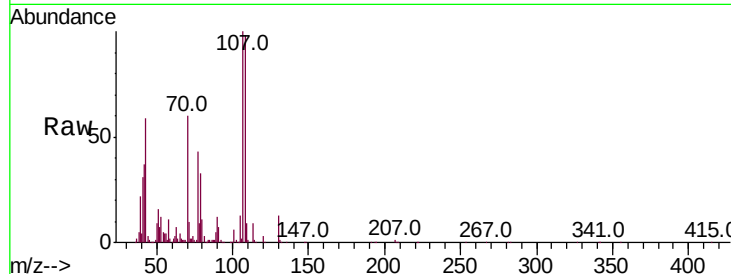
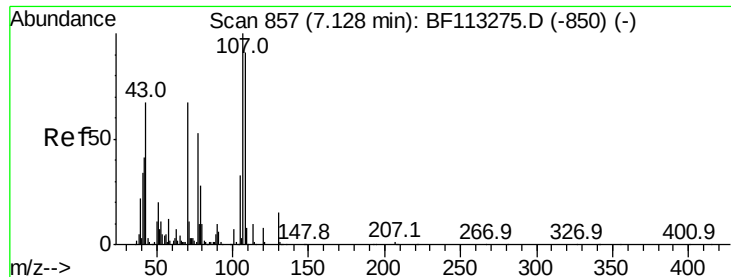
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#18
Hexachloroethane
Concen: 72.899 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion:	117	Resp:	263038
Ion Ratio	Lower	Upper	
117	100		
119	96.9	76.9	115.3
201	107.5	78.7	118.1





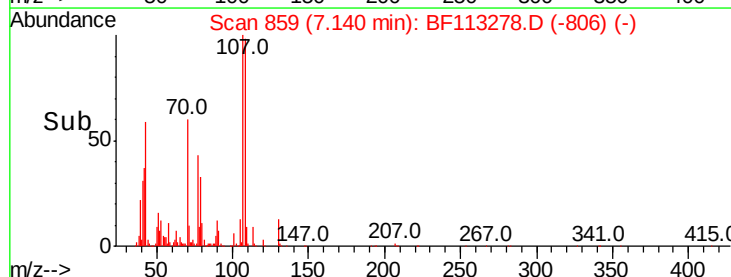
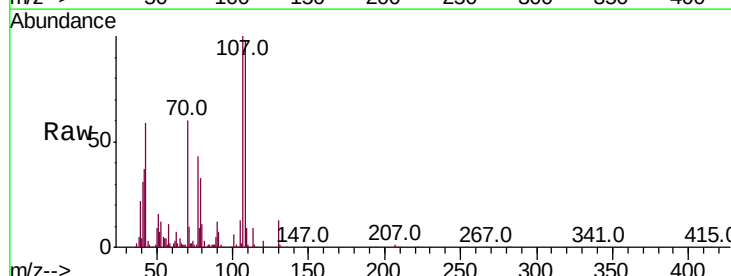
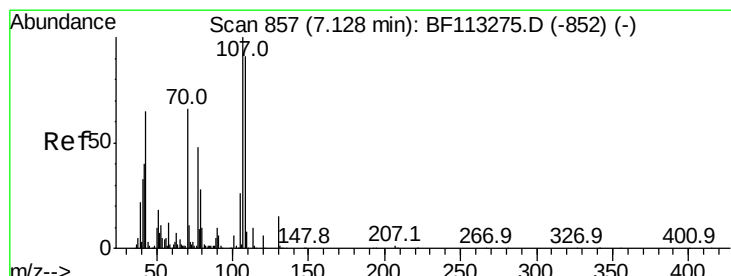
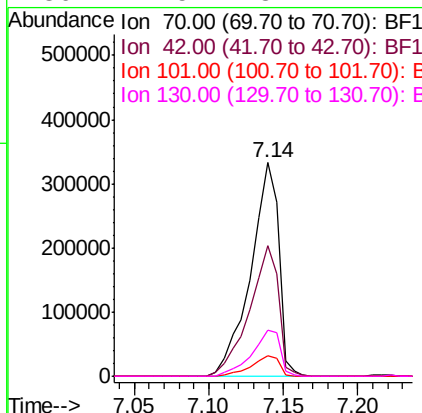
#19
n-Nitroso-di-n-propylamine
Concen: 66.741 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	48.4	72.6	
101	9.5	7.8	11.8	
130	21.5	18.2	27.4	

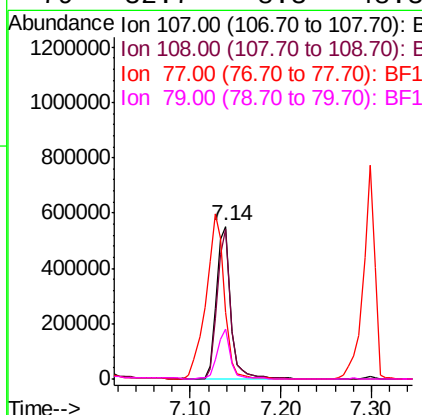
Manual Integrations
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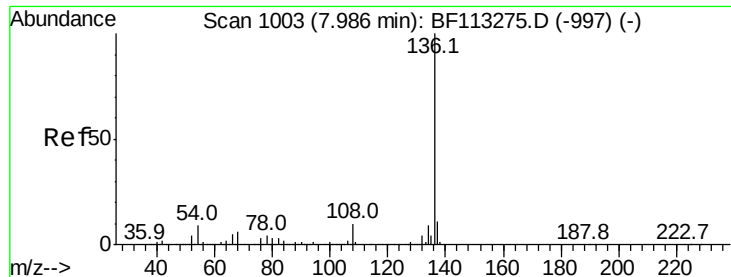
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#20
3+4-Methylphenols
Concen: 70.853 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	97.6	71.4	111.4	
77	43.5	33.5	73.5	
79	32.7	8.3	48.3	





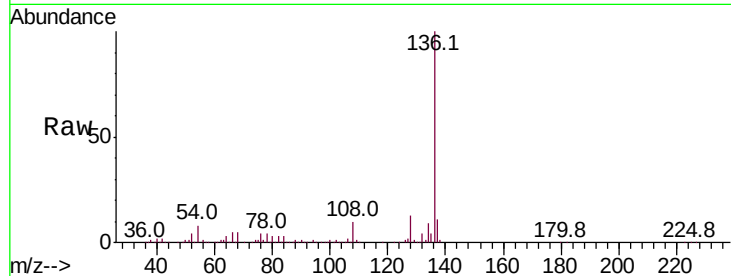
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496957		
137	10.7	8.9	13.3	
54	7.6	7.0	10.6	
68	5.4	4.8	7.2	

Manual Integrations
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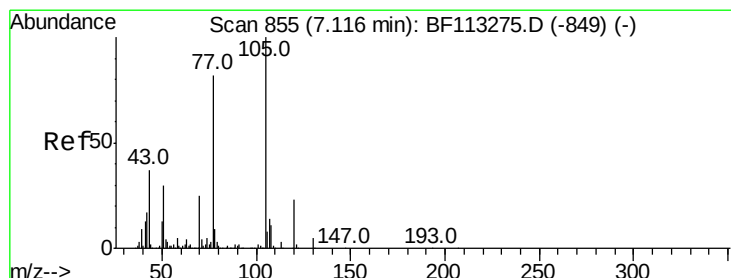
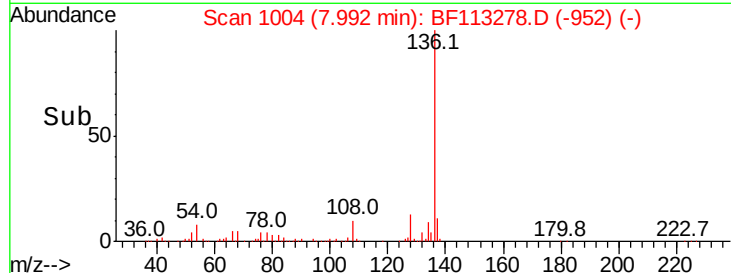
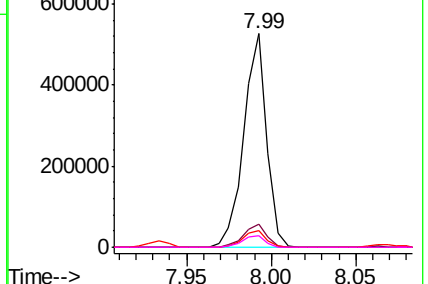
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 73.218 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	850804		
71	3.7	3.3	4.9	
51	34.0	24.2	36.2	
120	22.9	18.1	27.1	

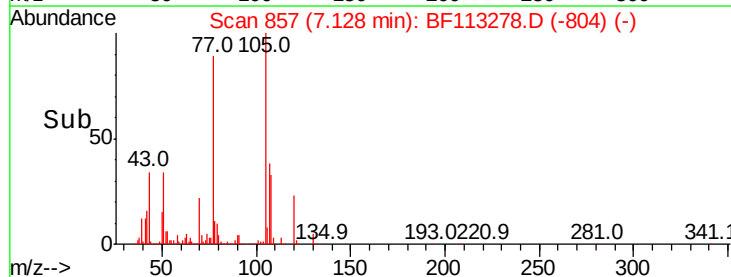
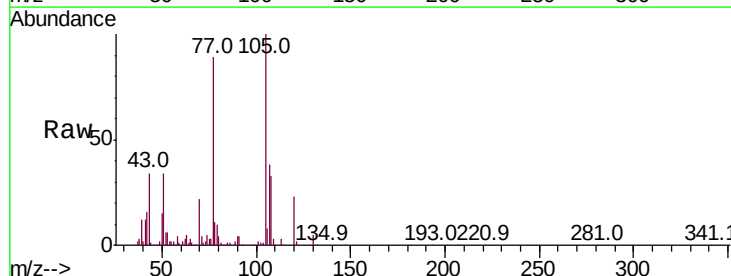
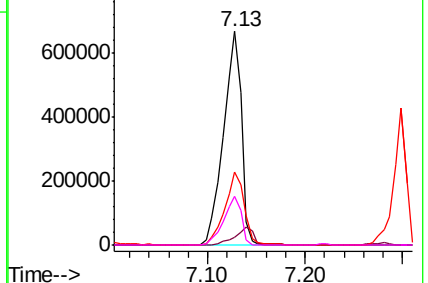
Abundance

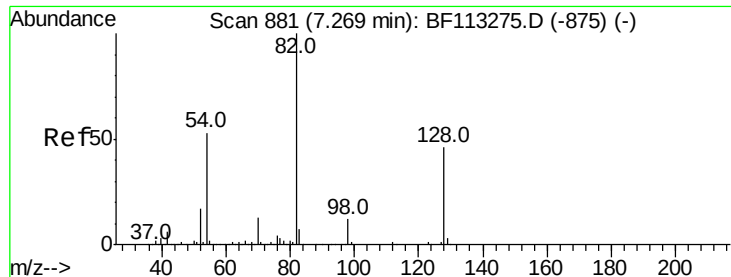
Ion 105.00 (104.70 to 105.70): E

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





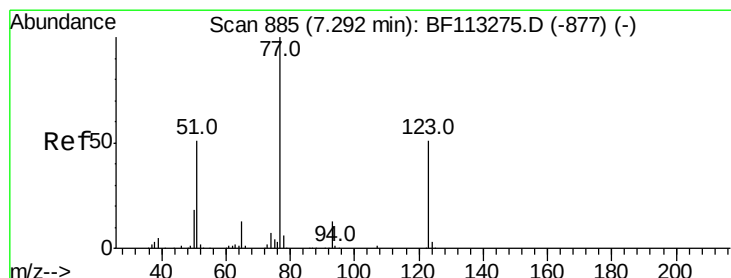
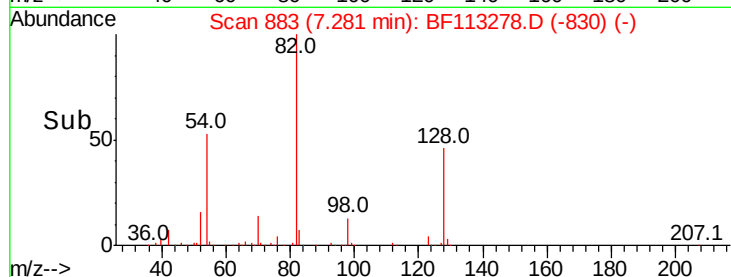
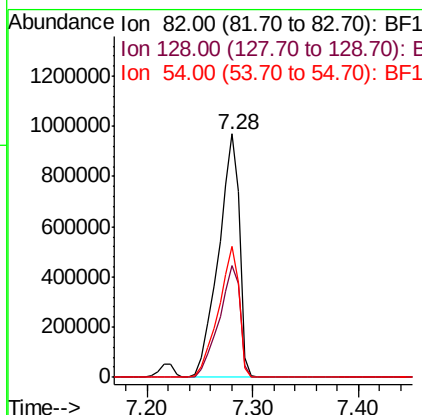
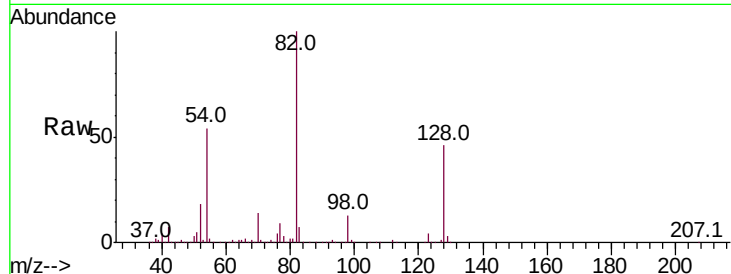
#23
 Nitrobenzene-d5
 Concen: 160.640 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 82 Resp: 1334123
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.5 54.7
 54 53.9 42.2 63.2

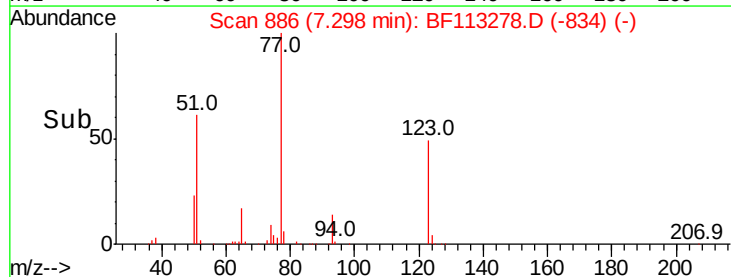
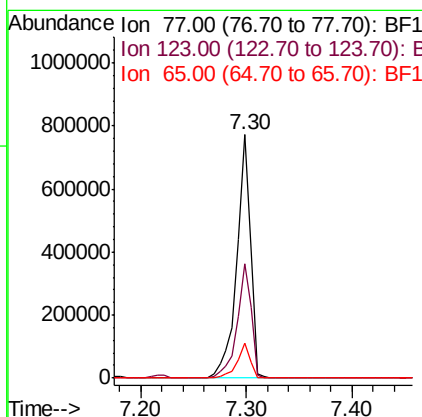
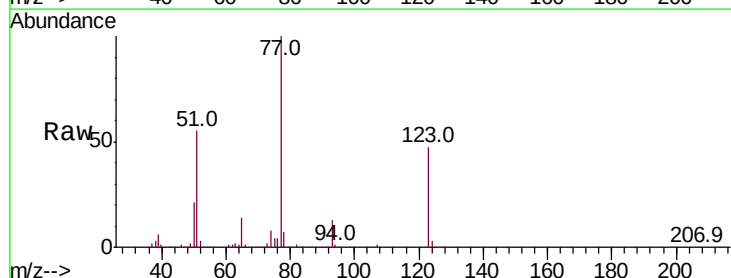
Manual Integrations
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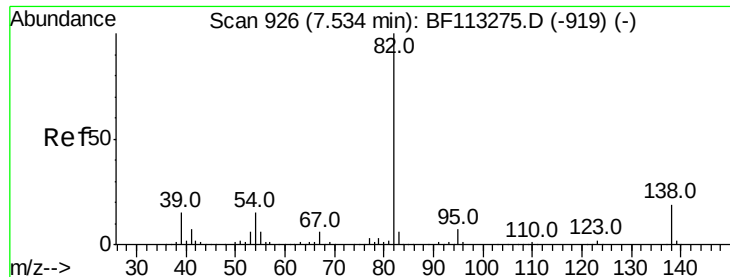
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#24
 Nitrobenzene
 Concen: 74.285 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion: 77 Resp: 686657
 Ion Ratio Lower Upper
 77 100
 123 47.1 40.8 61.2
 65 14.3 10.6 16.0





#25

Isophorone

Concen: 71.058 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1271371

Ion Ratio Lower Upper

82 100

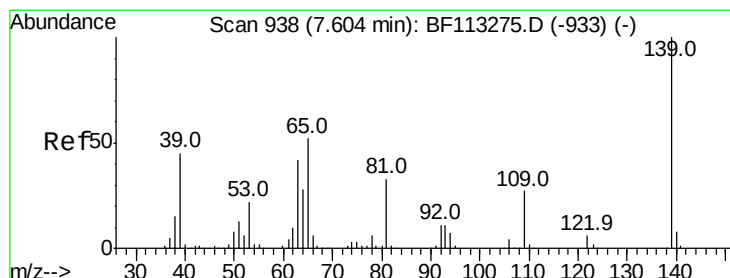
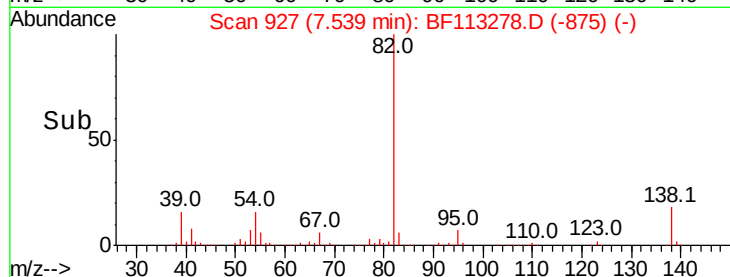
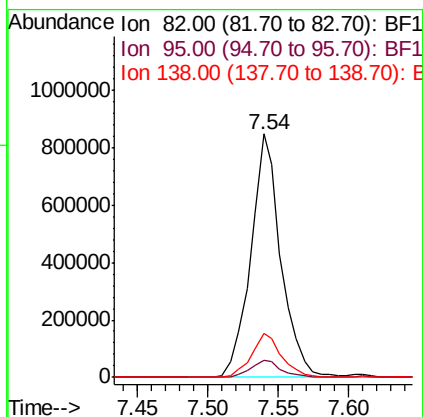
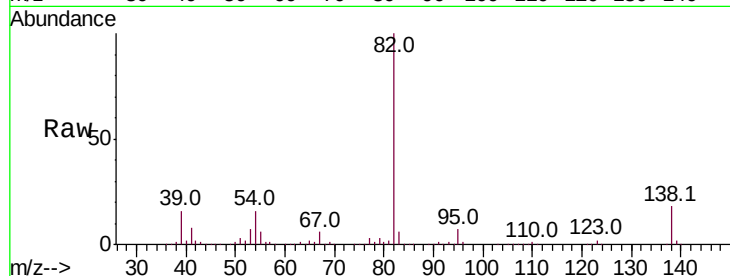
95 7.2 5.5 8.3

138 17.9 15.2 22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 96.277 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

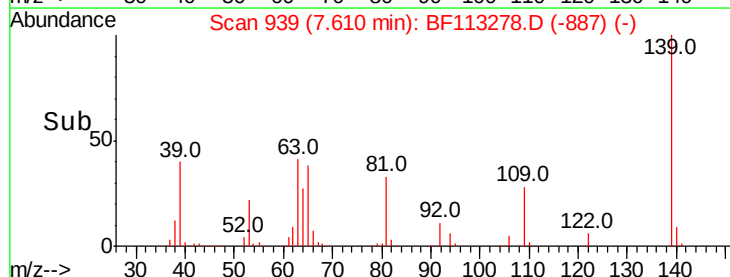
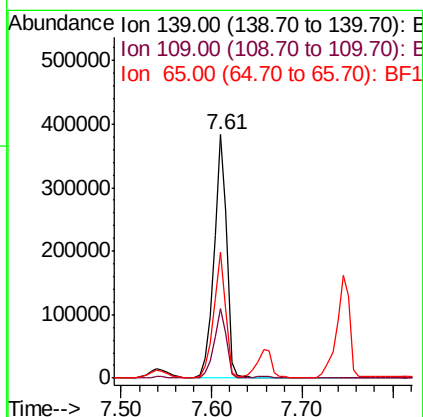
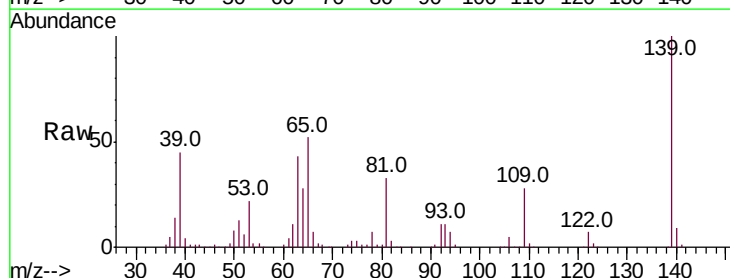
Tgt Ion: 139 Resp: 370461

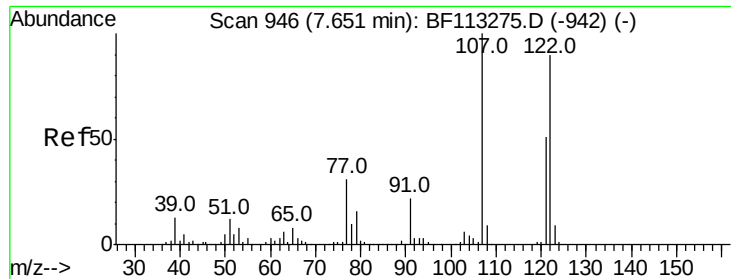
Ion Ratio Lower Upper

139 100

109 28.3 21.7 32.5

65 51.7 41.6 62.4





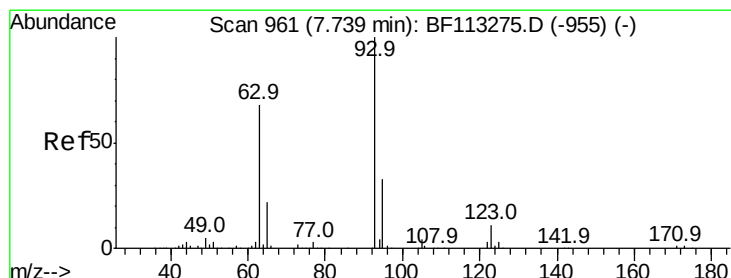
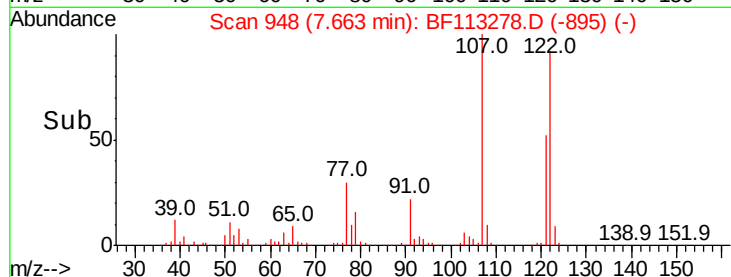
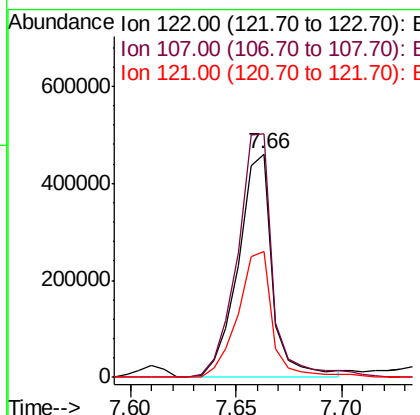
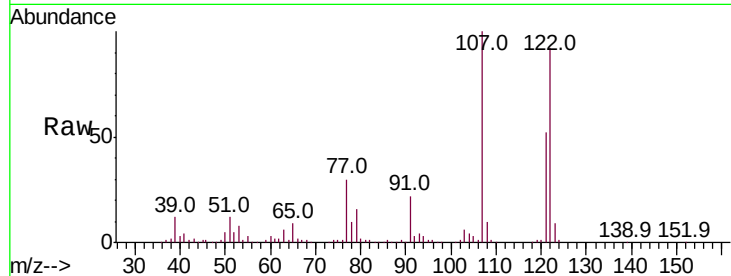
#27
2,4-Dimethylphenol
Concen: 72.121 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.8	133.2
121	56.6	45.5	68.3

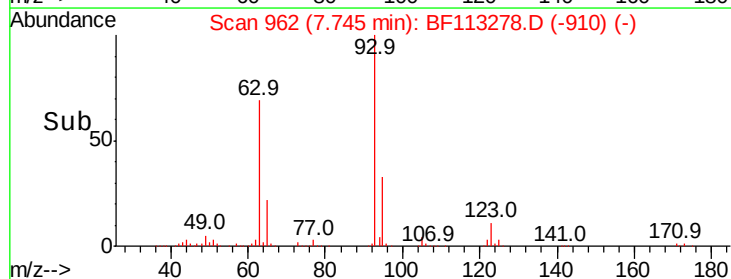
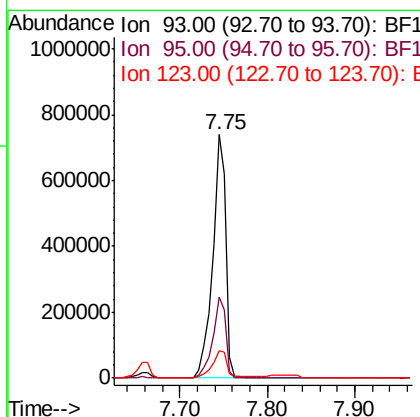
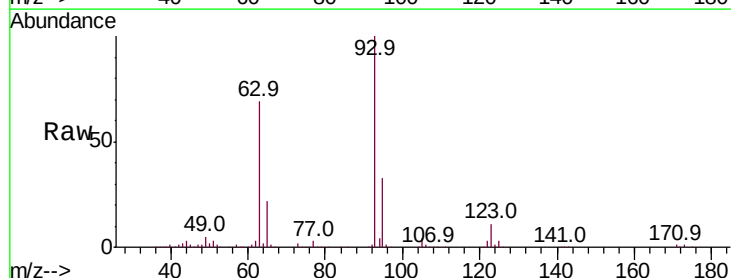
Manual Integrations
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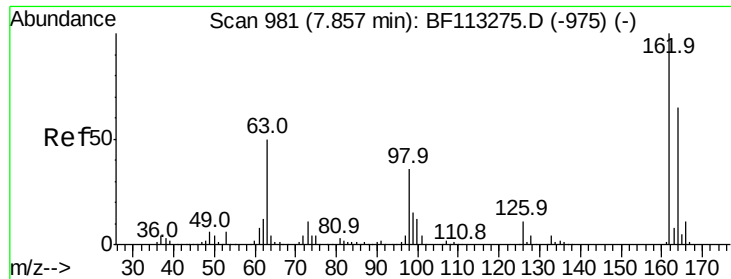
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 68.860 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	11.4	9.1	13.7





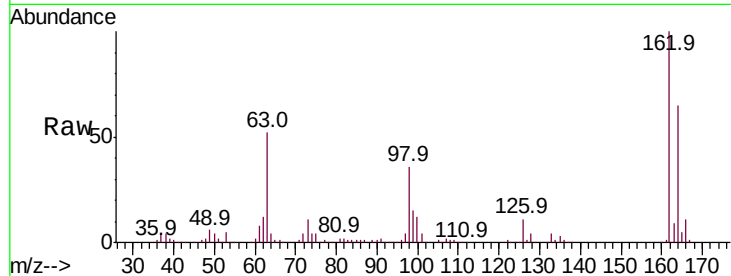
#29
2,4-Dichlorophenol
Concen: 78.754 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

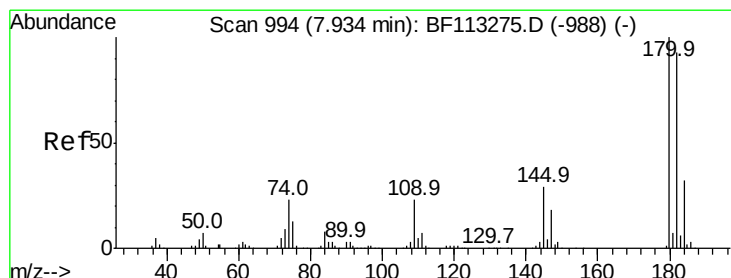
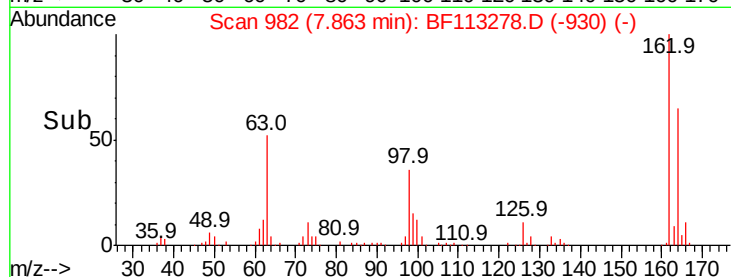
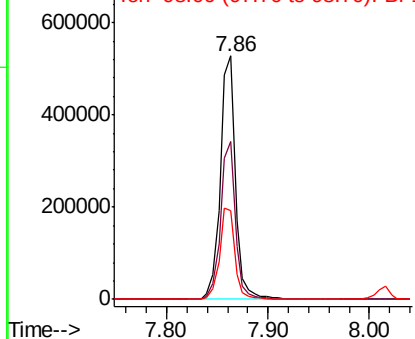
Tot Ion	Ratio	Resp	Lower	Upper
162	100	546713		
164	64.8	44.6	84.6	
98	36.2	15.6	55.6	

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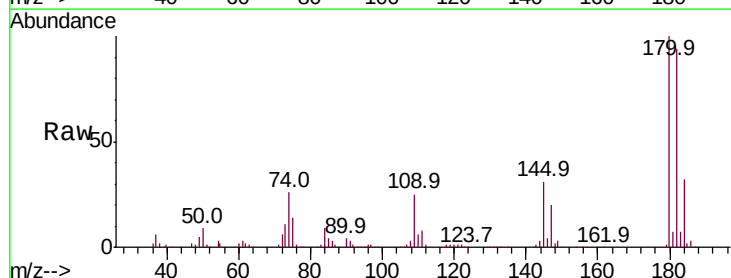


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

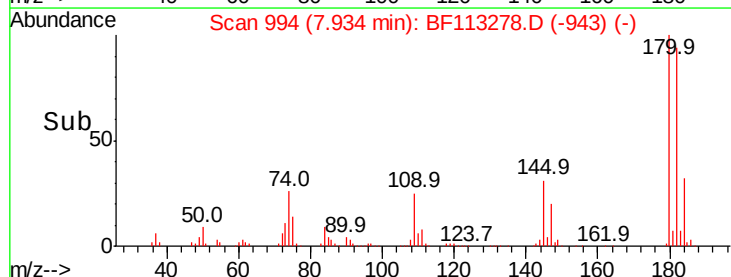
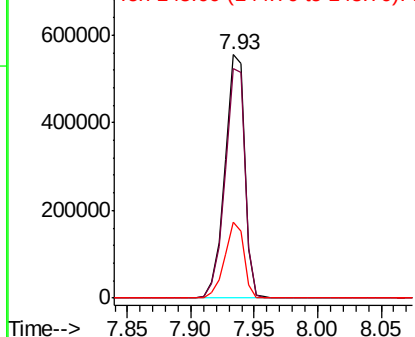


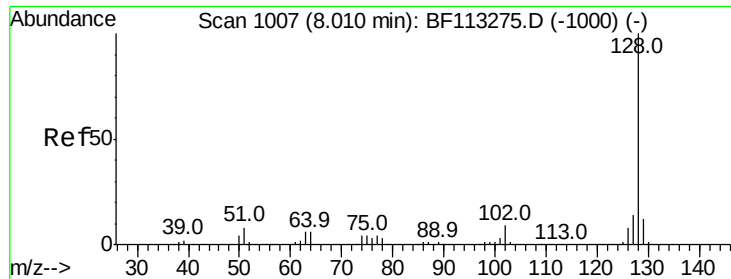
#30
1,2,4-Trichlorobenzene
Concen: 80.432 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	599958		
182	94.4	74.6	111.8	
145	31.0	23.4	35.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 73.080 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:128 Resp: 1803090

Ion Ratio Lower Upper

128 100

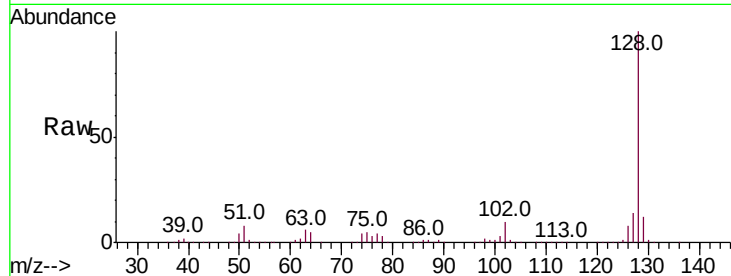
129 11.6 9.3 13.9

127 14.0 10.9 16.3

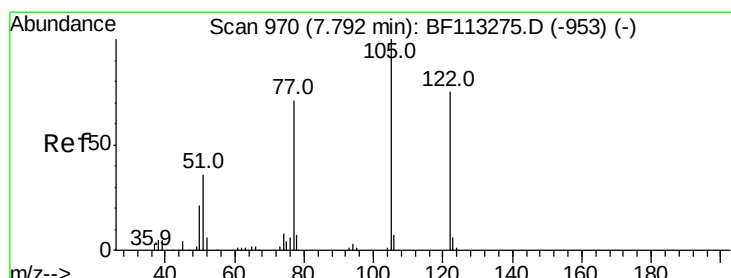
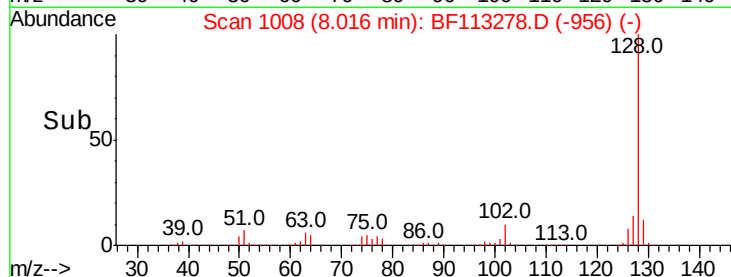
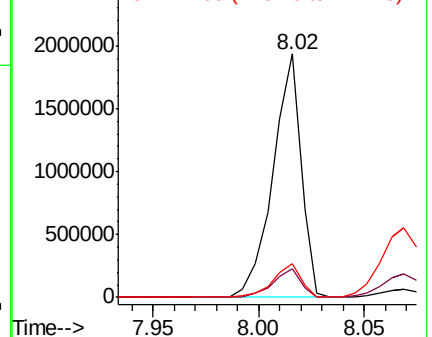
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 85.384 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.04 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

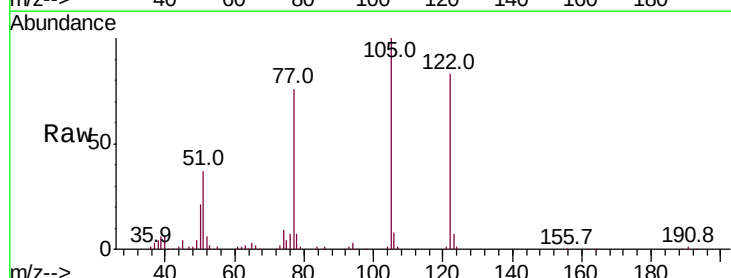
Tgt Ion:122 Resp: 428401

Ion Ratio Lower Upper

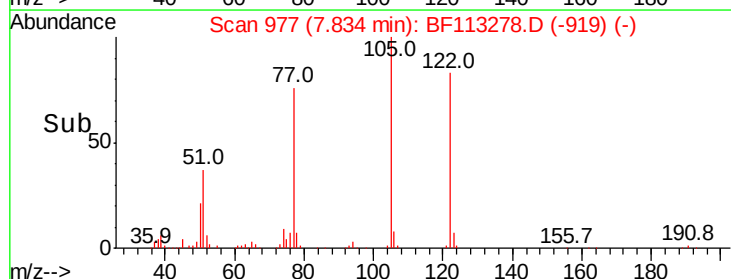
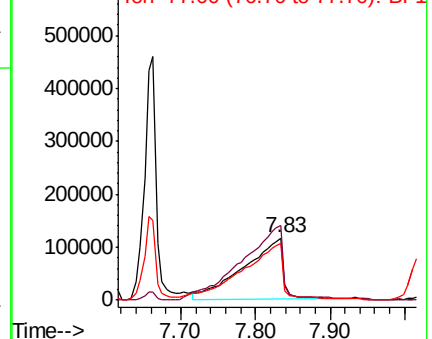
122 100

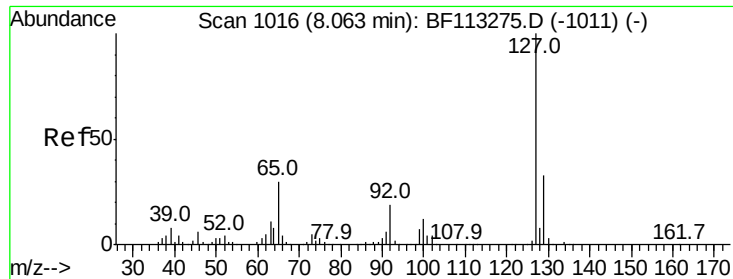
105 120.9 100.4 140.4

77 92.1 69.0 109.0



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





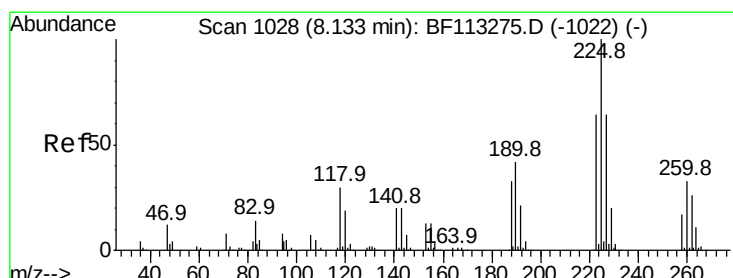
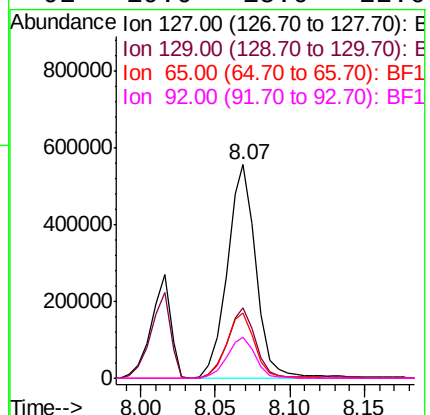
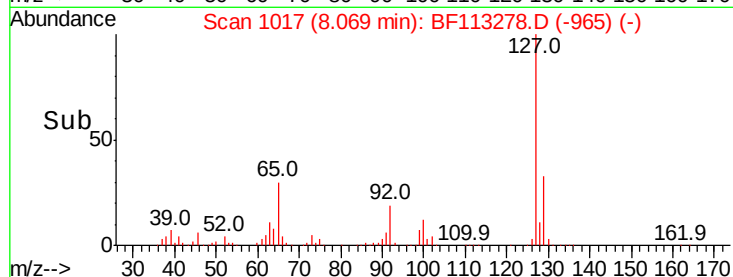
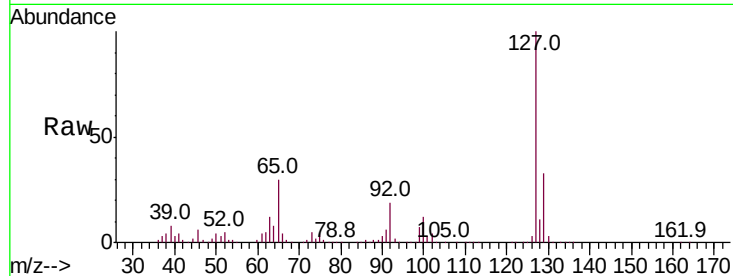
#33
4-Chloroaniline
Concen: 71.424 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.3	39.5	
65	30.5	24.2	36.4	
92	19.0	15.0	22.6	

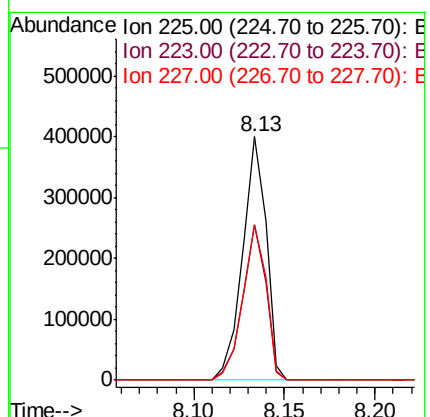
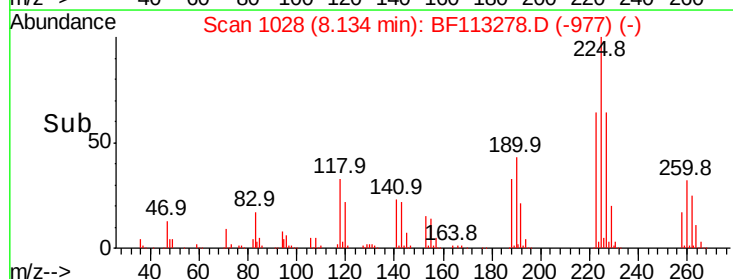
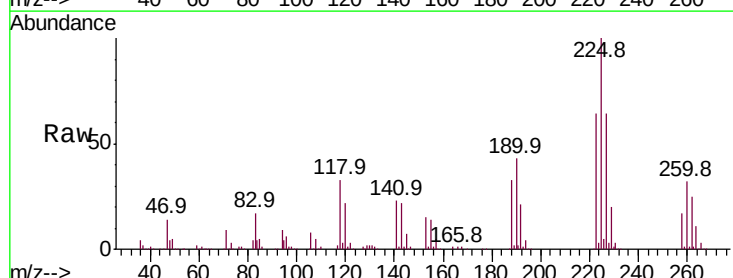
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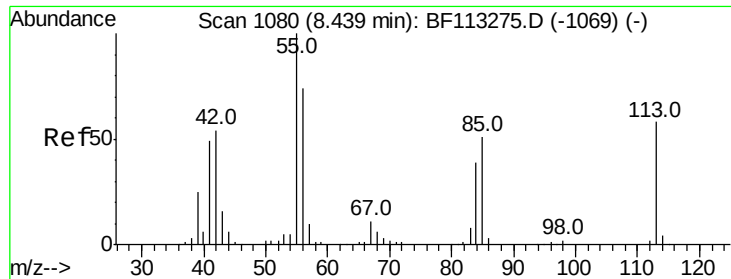
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#34
Hexachlorobutadiene
Concen: 86.103 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.4	77.2	
227	64.0	51.1	76.7	





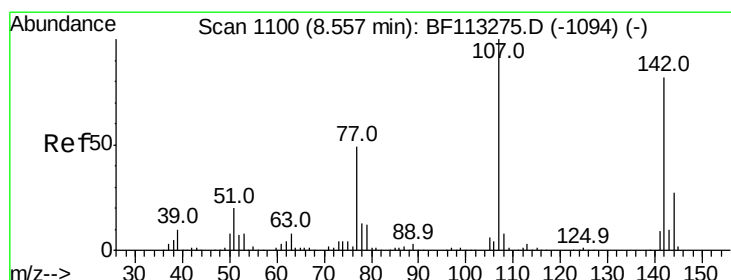
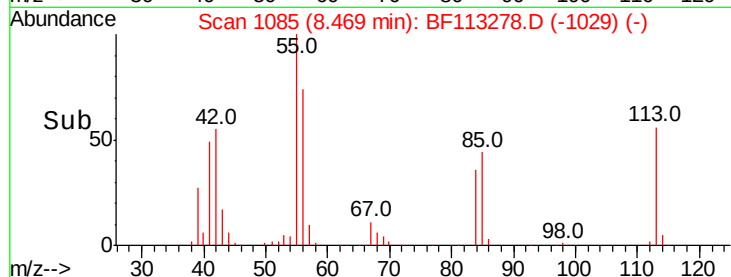
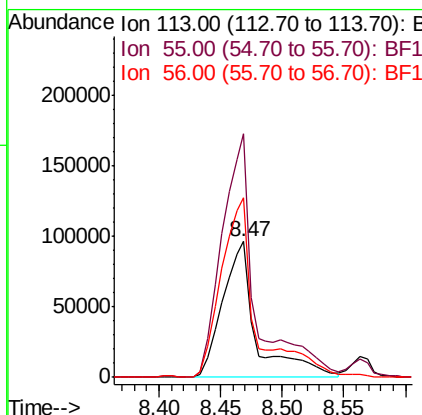
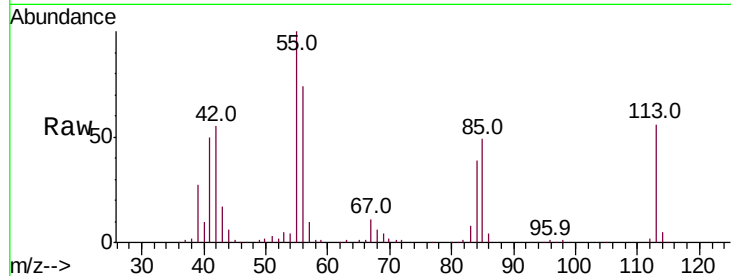
#35
 Caprolactam
 Concen: 75.497 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.03 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		184593		
55	179.7	152.7	192.7		
56	132.7	108.3	148.3		

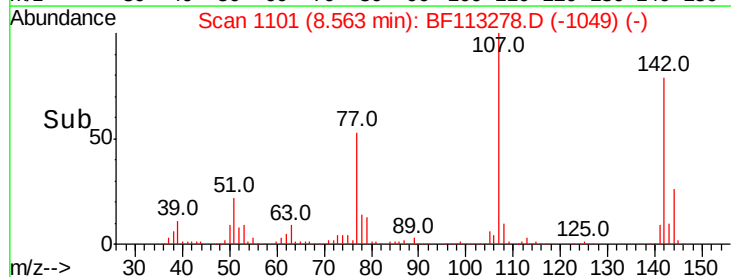
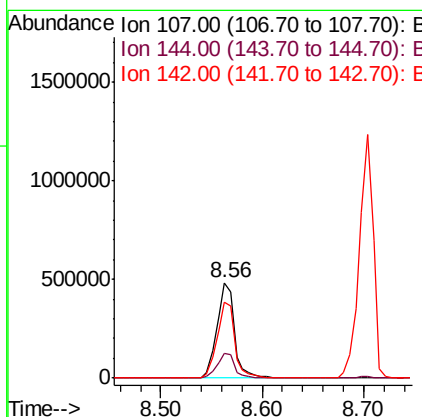
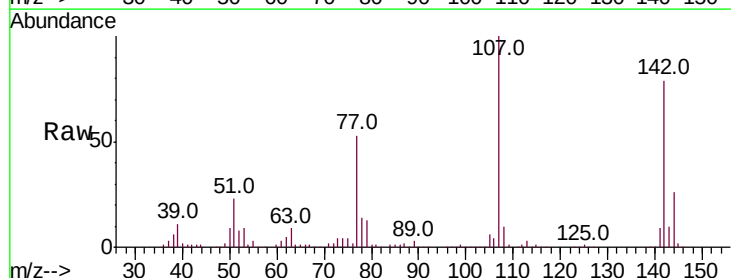
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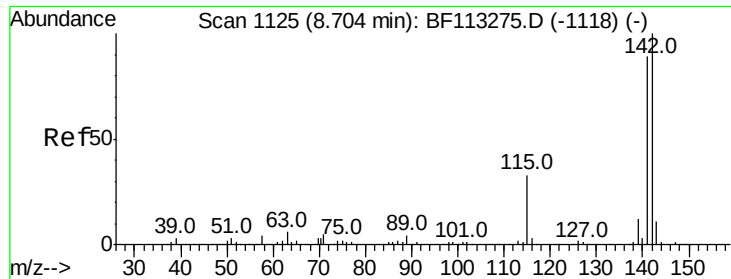
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#36
 4-Chloro-3-methylphenol
 Concen: 75.434 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		579539		
144	25.6	21.4	32.0		
142	79.1	65.6	98.4		





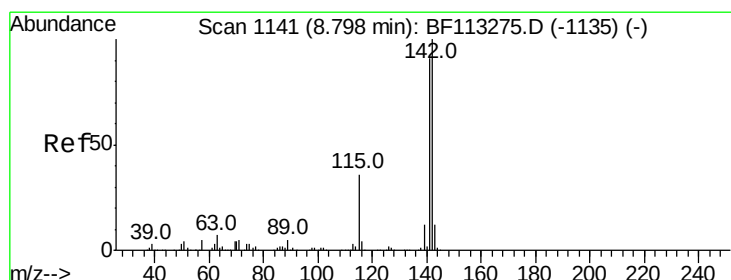
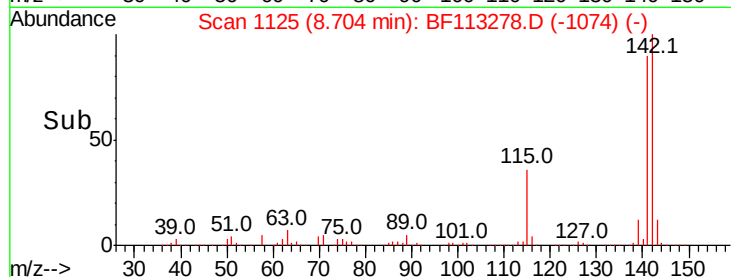
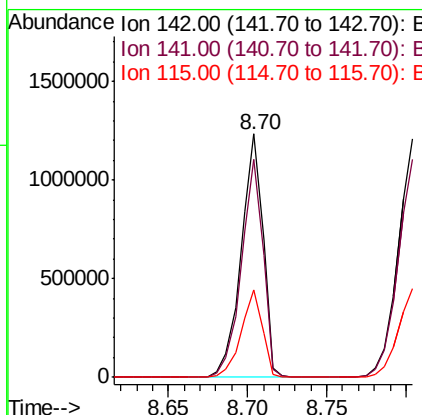
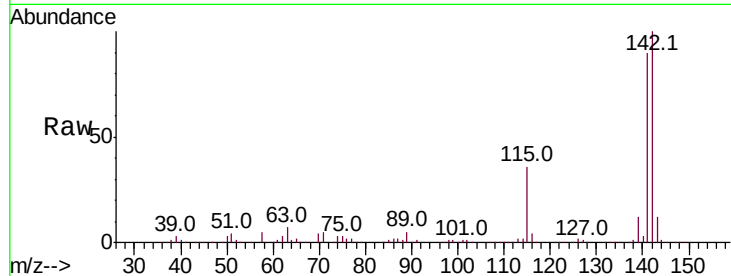
#37
2-Methylnaphthalene
Concen: 73.829 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	35.9	26.6	39.8

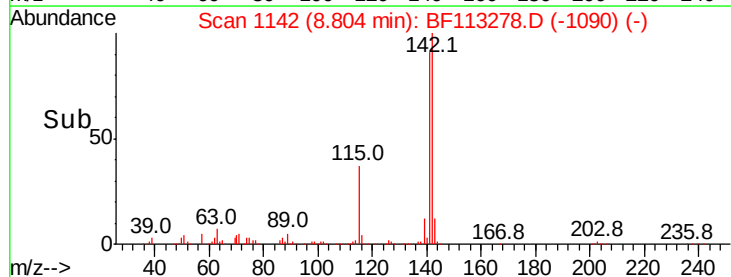
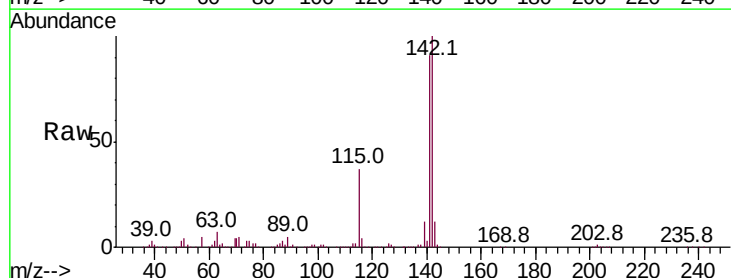
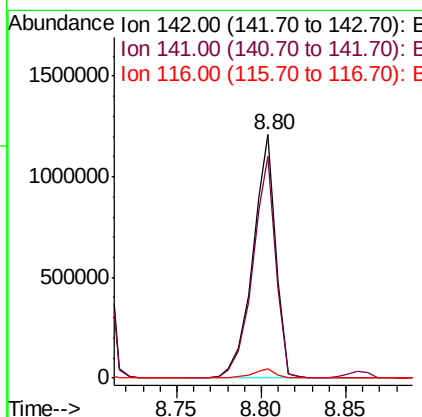
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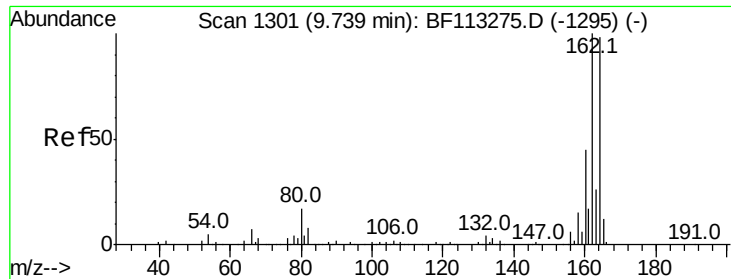
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#38
1-Methylnaphthalene
Concen: 73.715 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
116	3.8	3.0	4.4





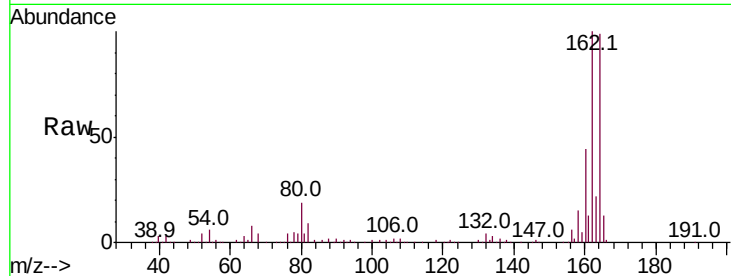
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	44.7	36.4	54.6

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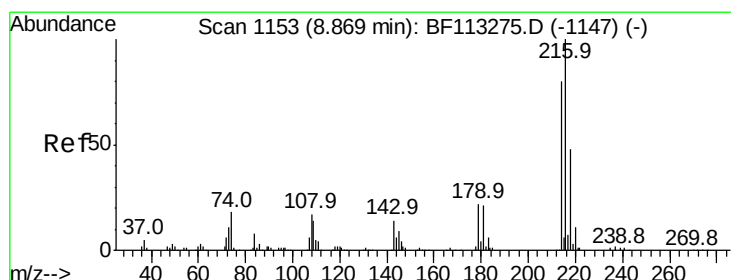
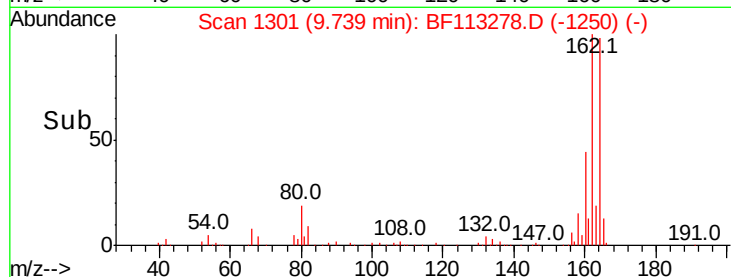
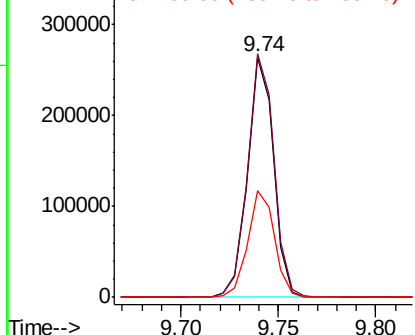


Abundance

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: 79.721 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	21.2	16.8	25.2
108	17.9	13.8	20.6

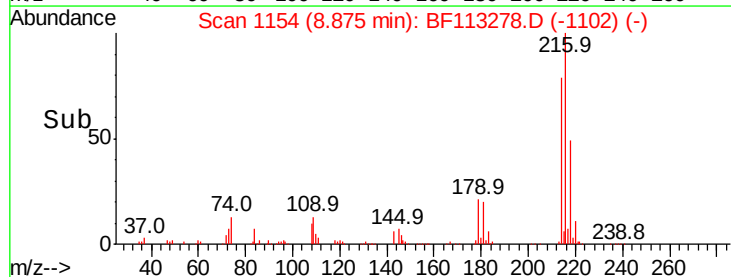
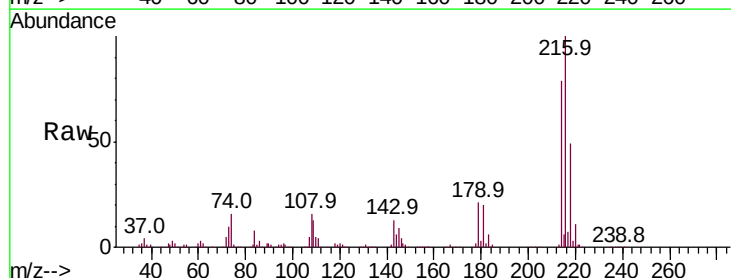
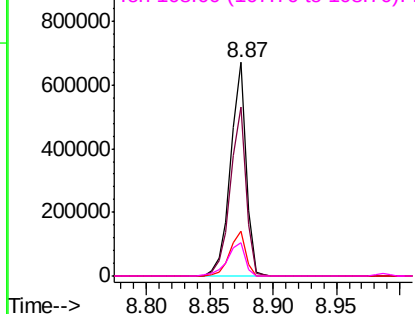
Abundance

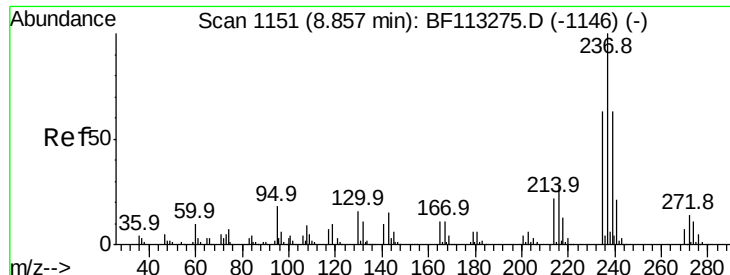
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.451 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

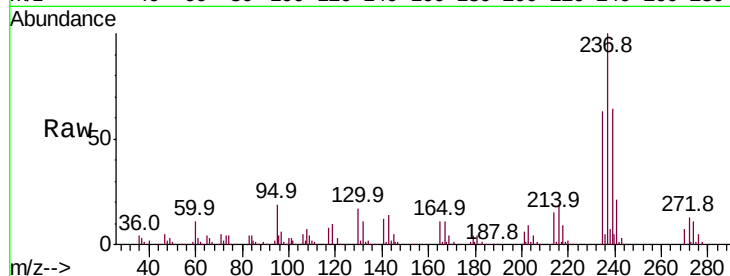
ClientSampleId :

SSTDICC080

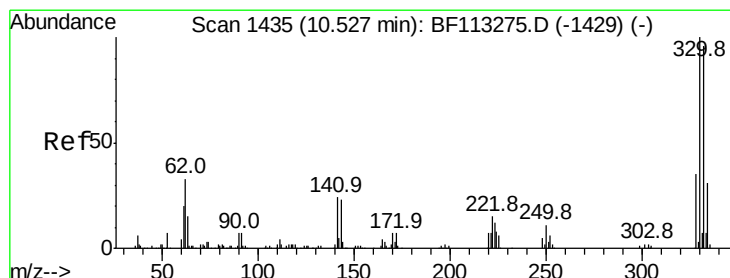
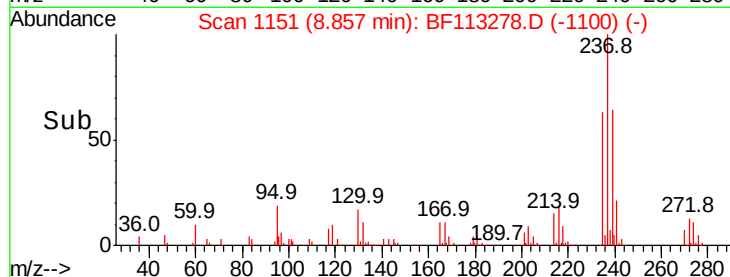
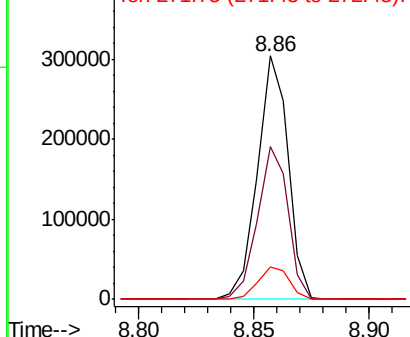
Tot Ion:	237	Resp:	282915
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	13.2	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 171.684 ng

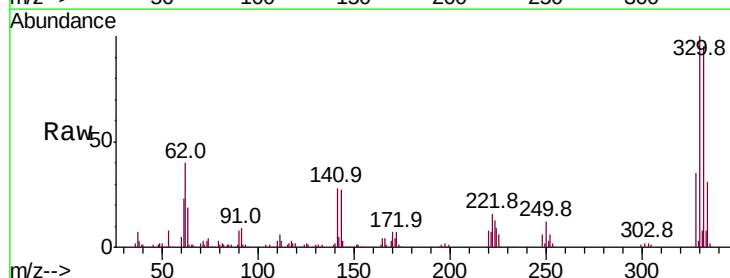
RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

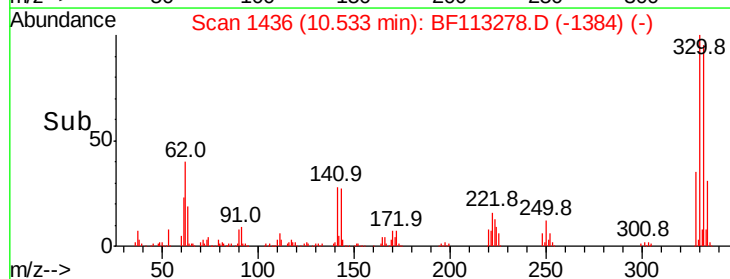
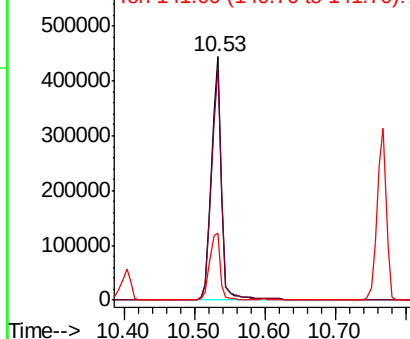
Lab File: BF113278.D

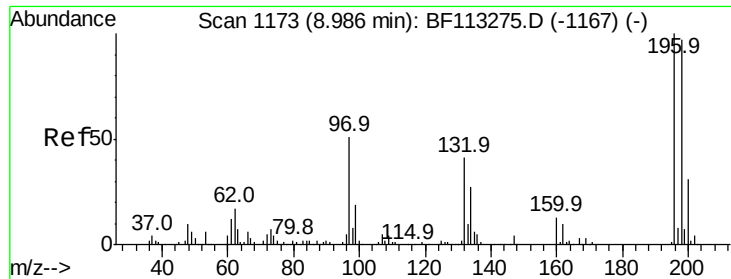
Acq: 25 Mar 2019 14:00

Tgt Ion:	330	Resp:	445702
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.8	116.6
141	29.3	22.7	34.1



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





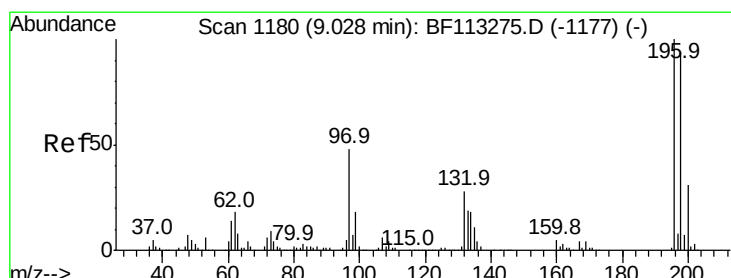
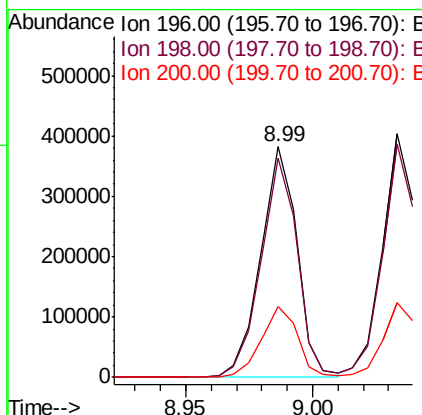
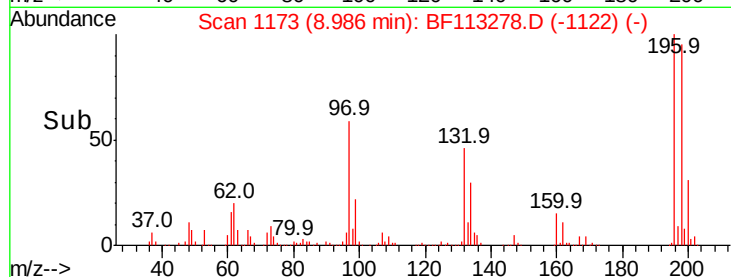
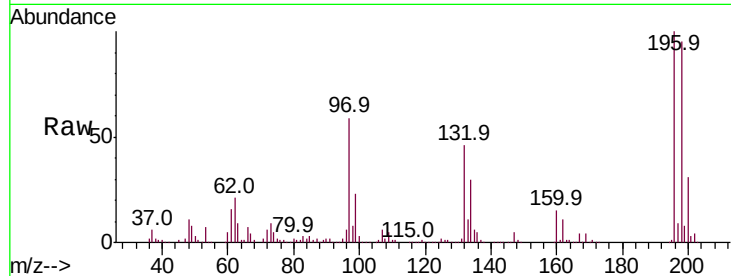
#43
 2,4,6-Trichlorophenol
 Concen: 77.612 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	380897
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.7	116.5
200	30.8	24.9	37.3

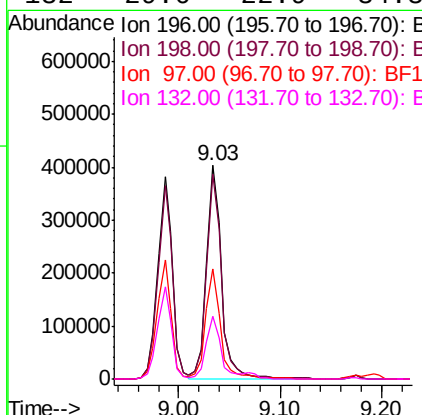
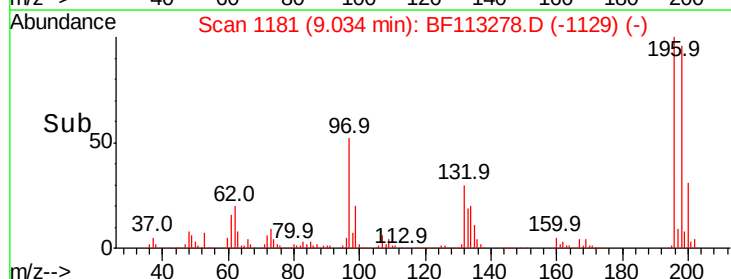
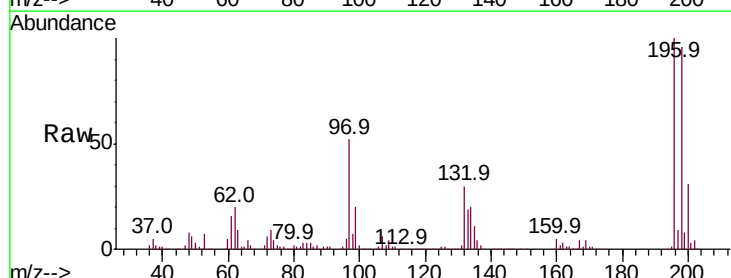
Manual Integrations
 APPROVED

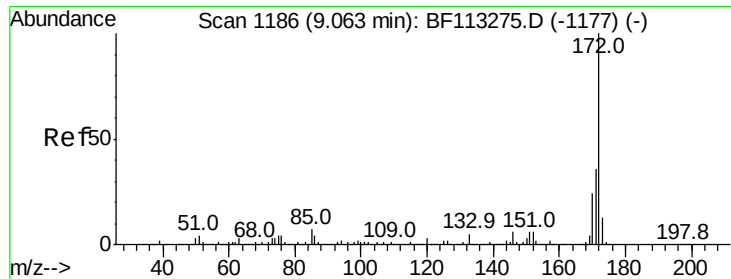
Sohil
 3/26/2019 6:21:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 77.989 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion:	196	Resp:	413703
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.4	113.2
97	51.7	38.6	58.0
132	29.6	22.9	34.3





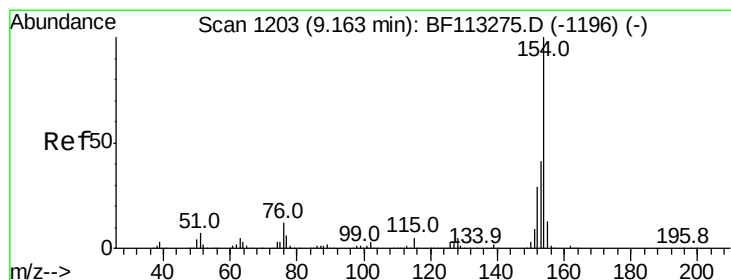
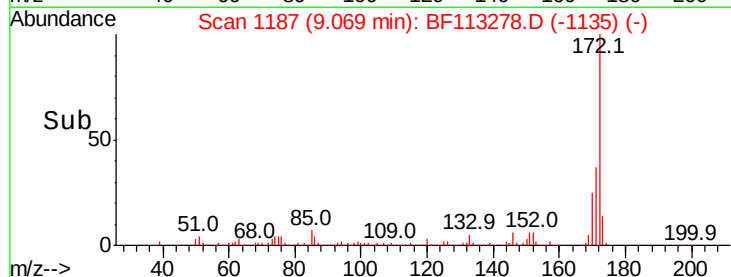
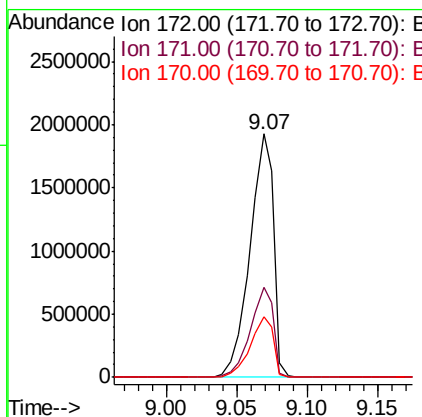
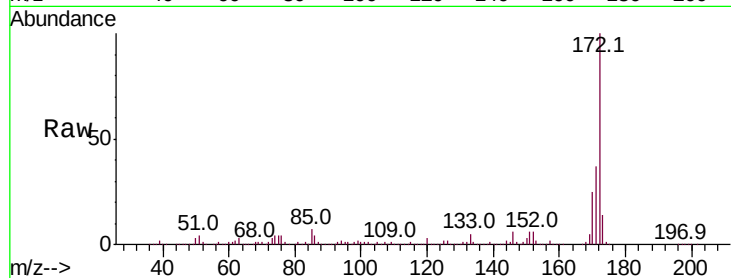
#45
2-Fluorobiphenyl
Concen: -20.000 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.5	29.3

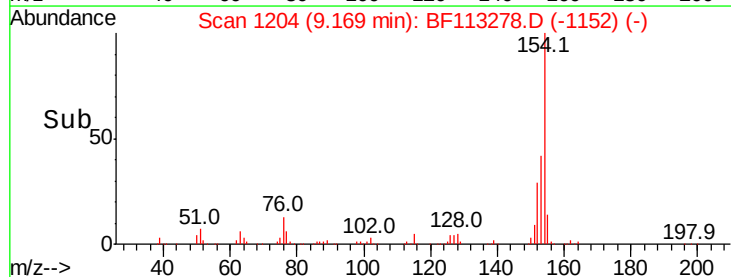
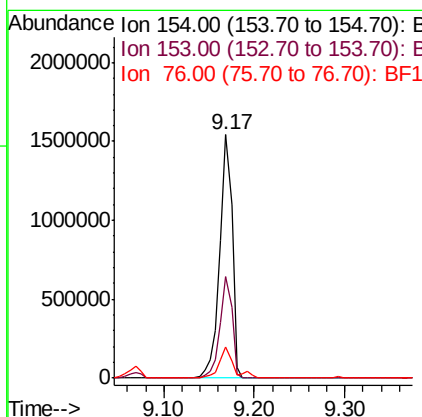
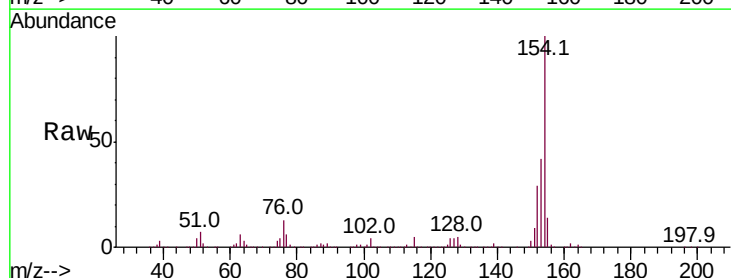
Manual Integrations
APPROVED

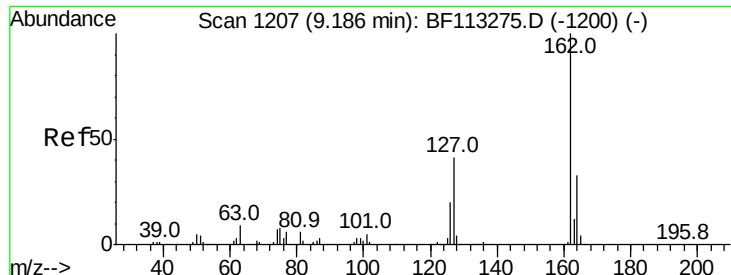
Sohil
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#46
1,1'-Biphenyl
Concen: 72.135 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.8	60.8
76	13.0	0.0	31.9





#47

2-Chloronaphthalene

Concen: 72.757 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

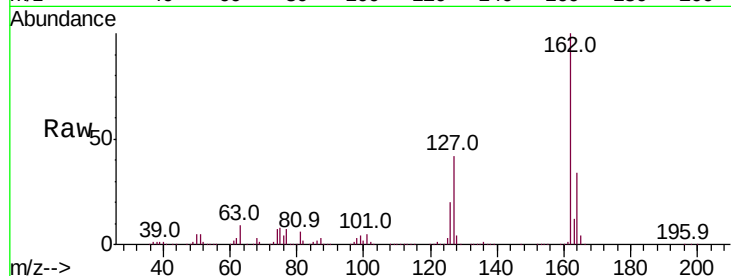
ClientSampled :

SSTDIC080

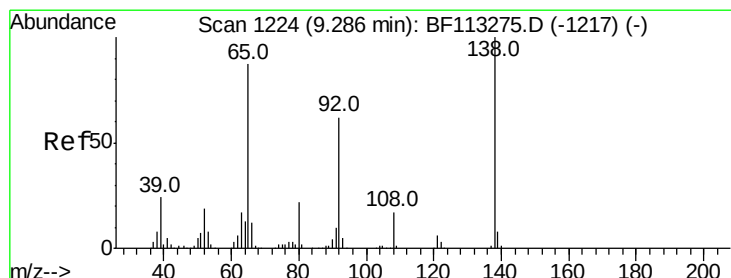
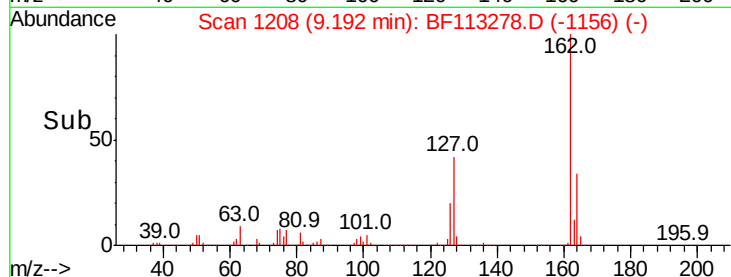
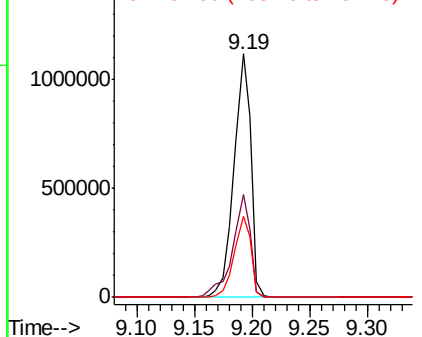
Tot Ion:162	Resp: 1133140
Ion Ratio	Lower Upper
162 100	
127 42.1	32.6 49.0
164 33.5	26.6 39.8

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 78.995 ng

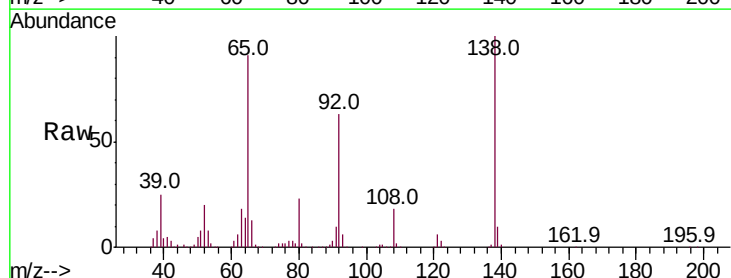
RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

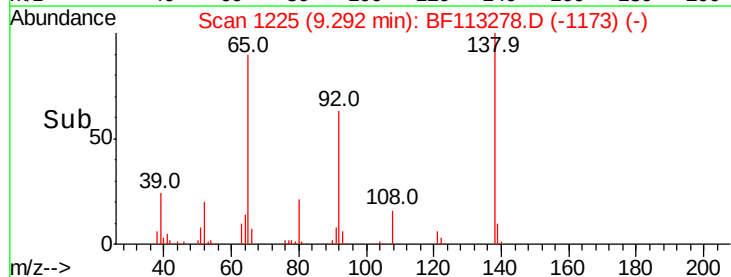
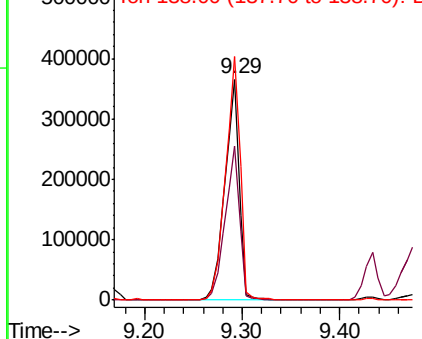
Lab File: BF113278.D

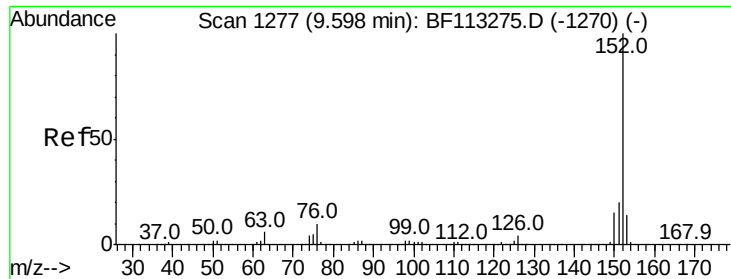
Acq: 25 Mar 2019 14:00

Tgt Ion: 65	Resp: 373952
Ion Ratio	Lower Upper
65 100	
92 69.5	56.8 85.2
138 110.1	92.3 138.5



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





#49

Acenaphthylene

Concen: 69.325 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

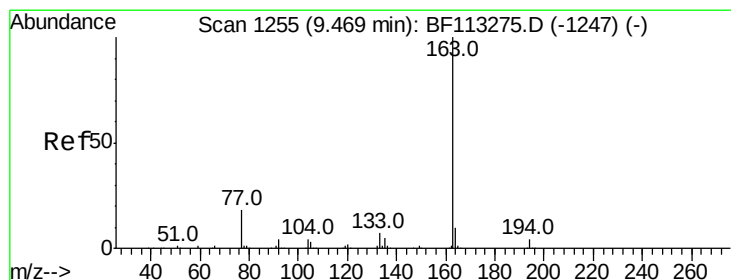
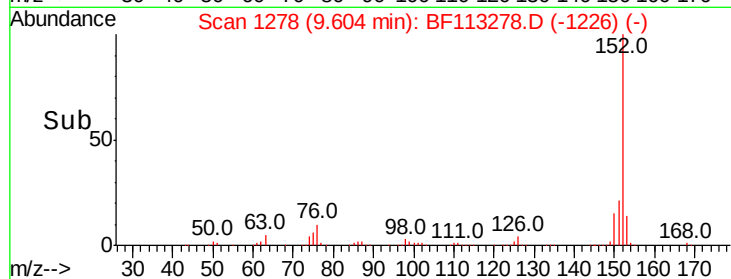
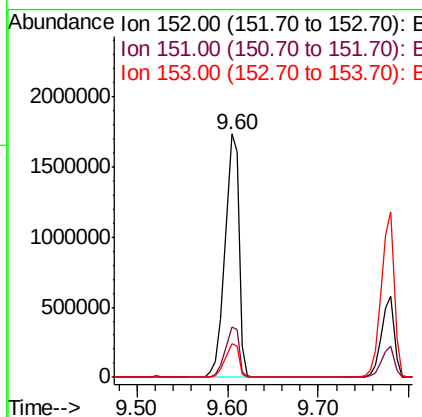
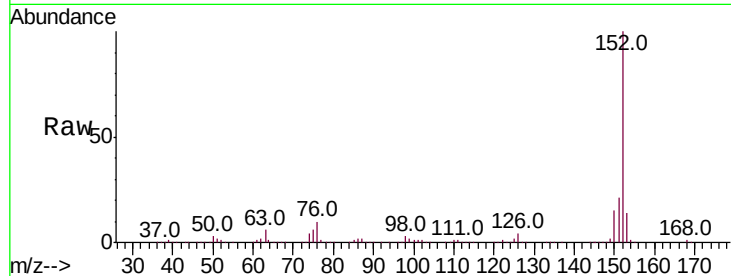
ClientSampleId :

SSTDIC080

Tot Ion:	152	Resp:	1832931
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.9	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 76.436 ng

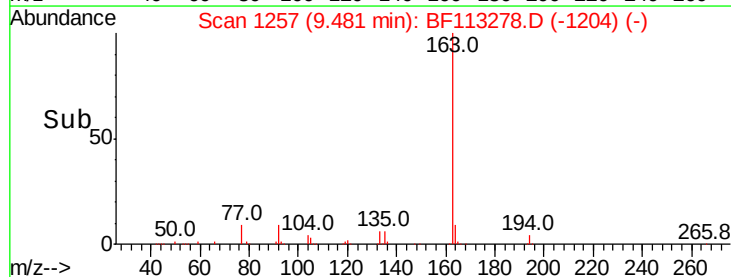
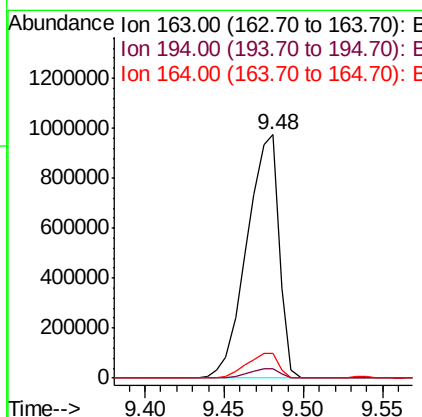
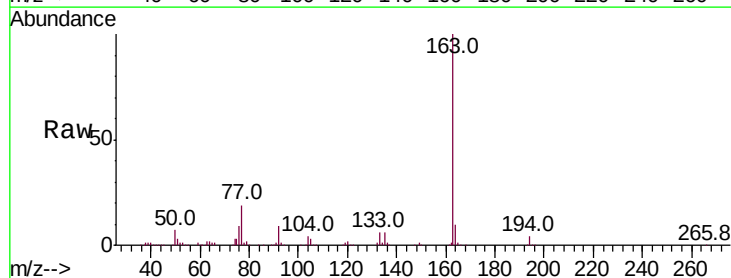
RT: 9.48 min Scan# 1257

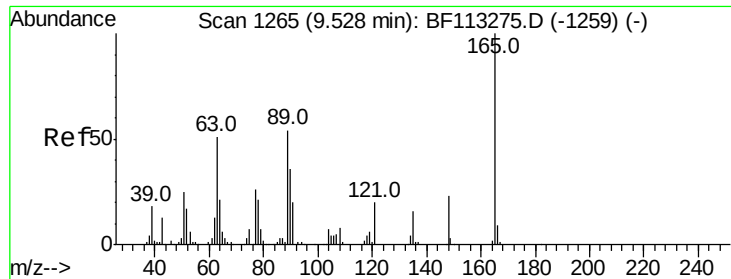
Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Tgt Ion:	163	Resp:	1378206
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1





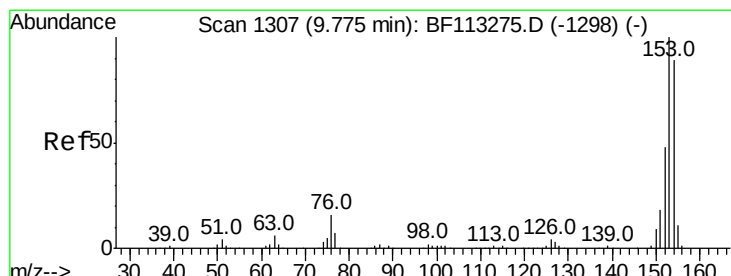
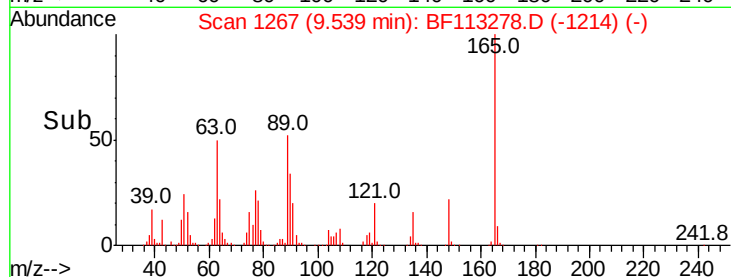
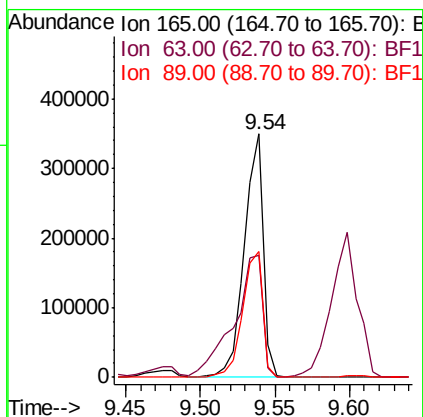
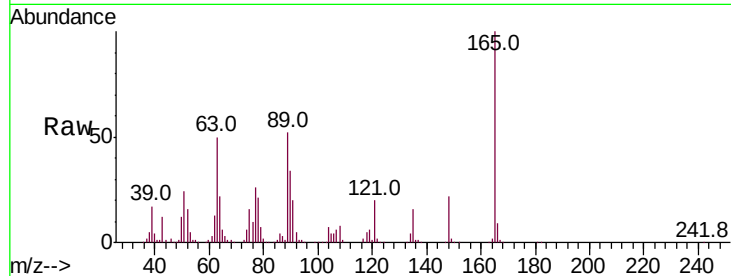
#51
2,6-Dinitrotoluene
Concen: 82.184 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.9	43.4	65.0	
89	51.8	43.1	64.7	

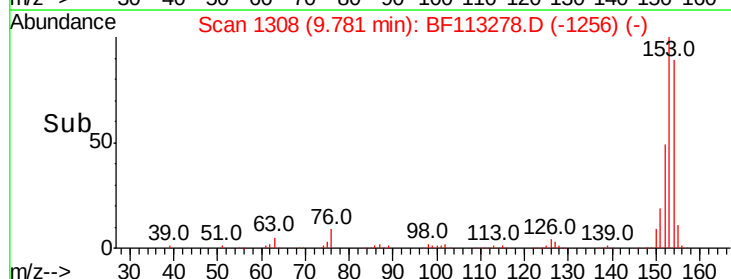
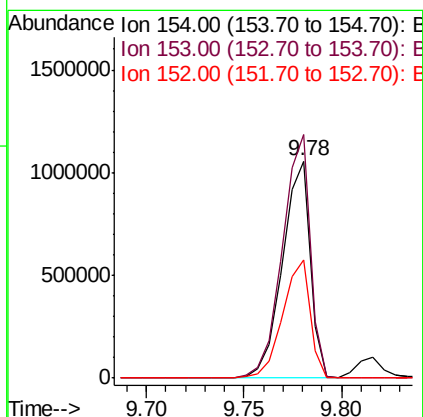
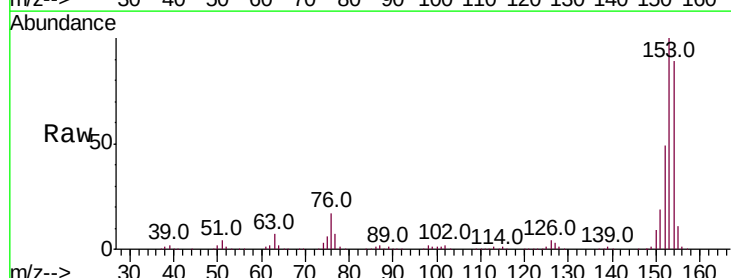
Manual Integrations
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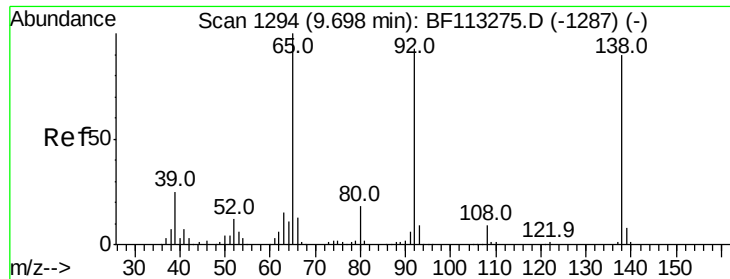
Sohil
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#52
Acenaphthene
Concen: 67.454 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.2	89.5	134.3	
152	54.6	43.3	64.9	





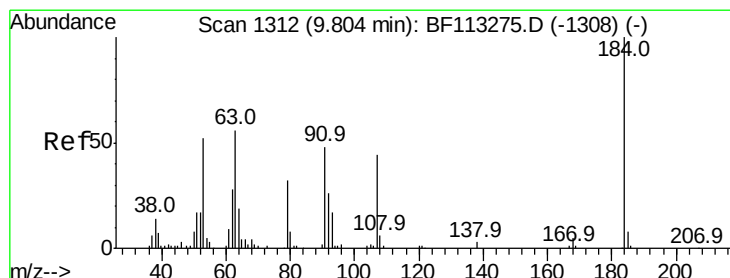
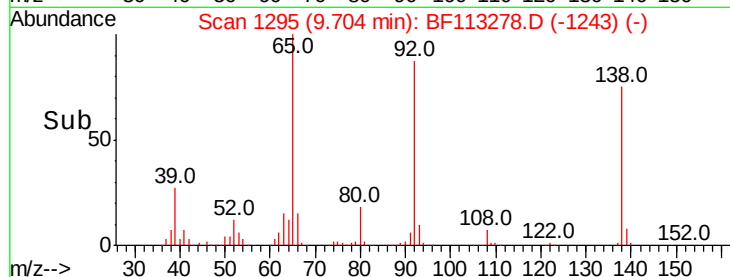
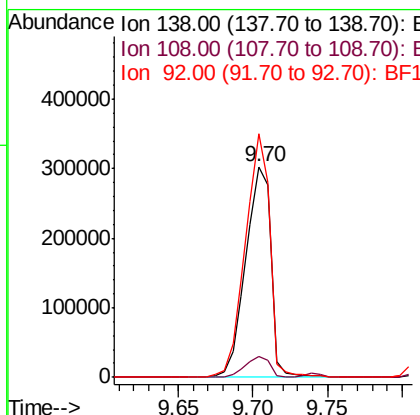
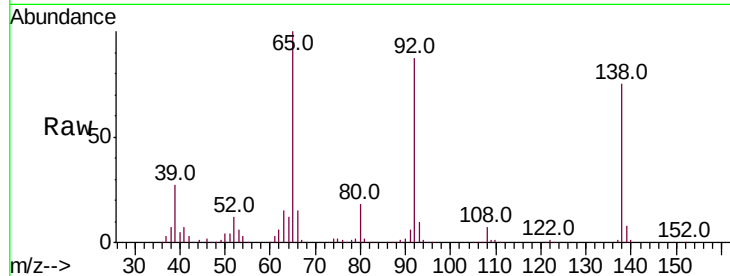
#53
3-Nitroaniline
Concen: 77.470 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	115.7	82.6	124.0

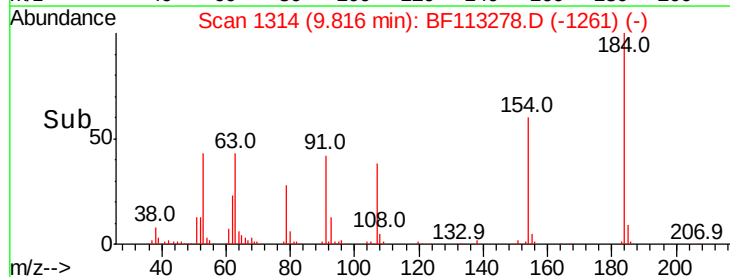
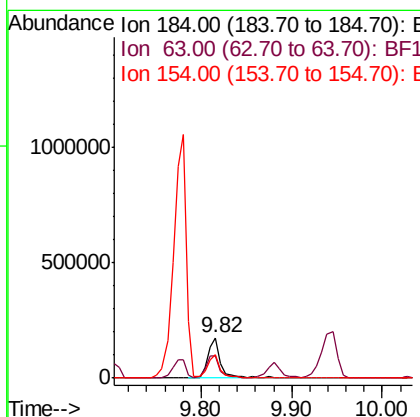
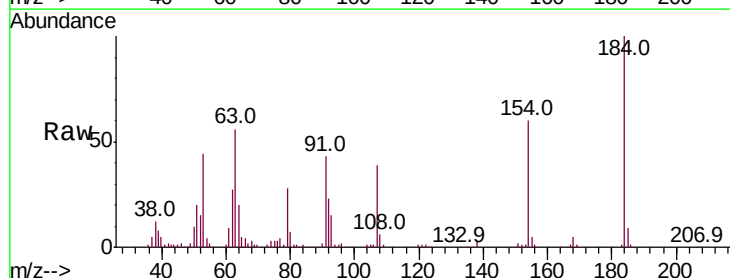
Manual Integrations
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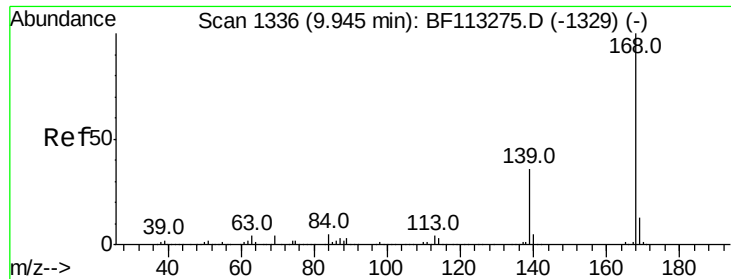
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#54
2,4-Dinitrophenol
Concen: 113.238 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	54.3	81.5
154	59.6	48.4	72.6





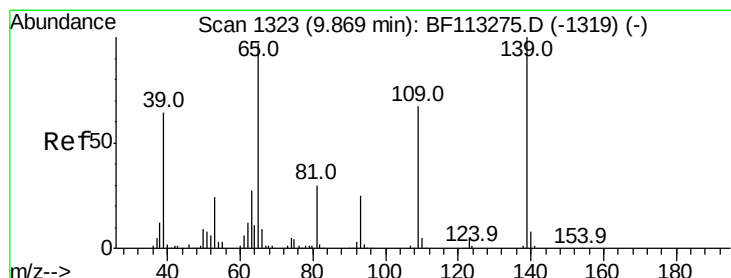
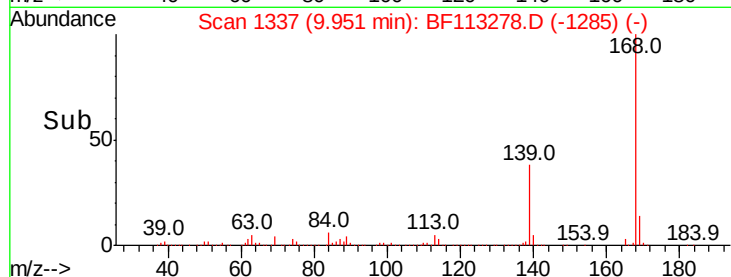
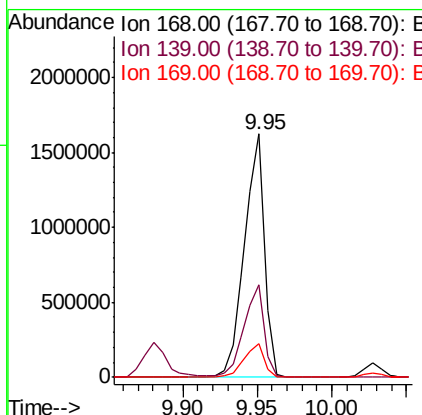
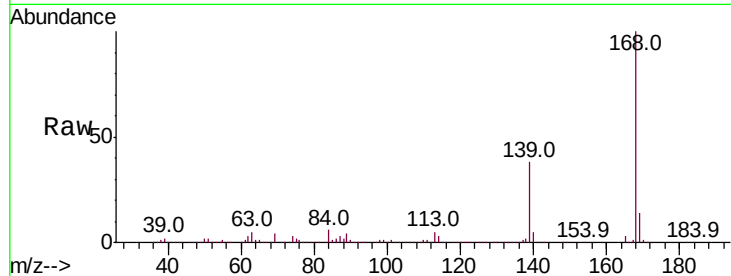
#55
Dibenzofuran
Concen: 67.478 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.7	44.5
169	13.6	10.7	16.1

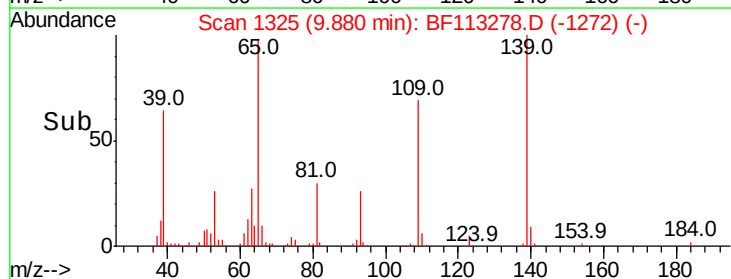
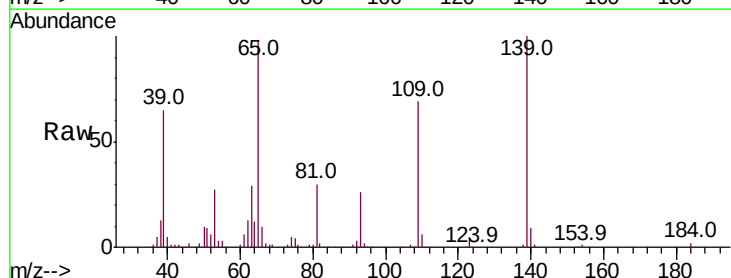
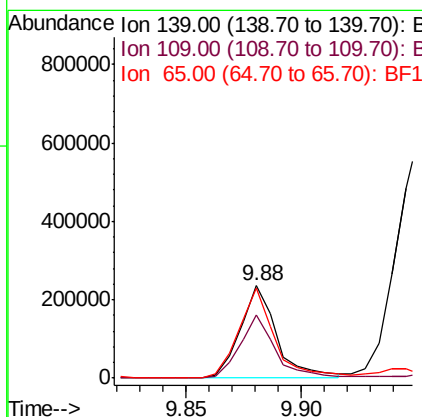
Manual Integrations
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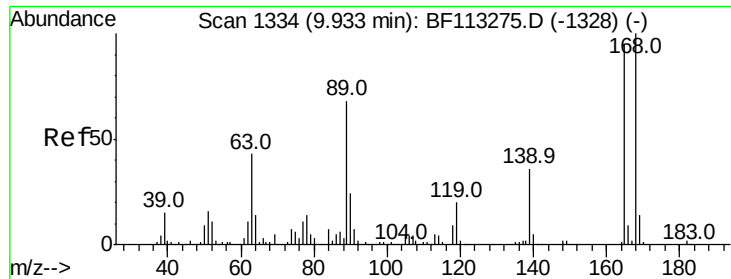
Sohil
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#56
4-Nitrophenol
Concen: 69.619 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	46.9	86.9
65	98.3	77.2	117.2





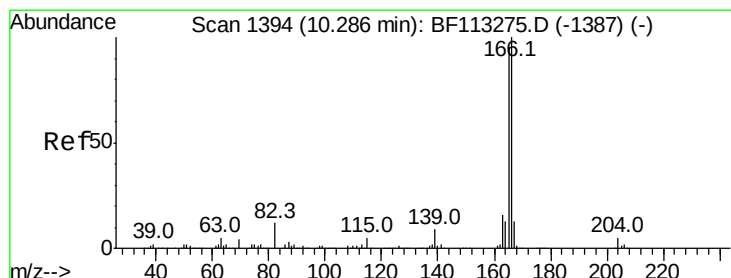
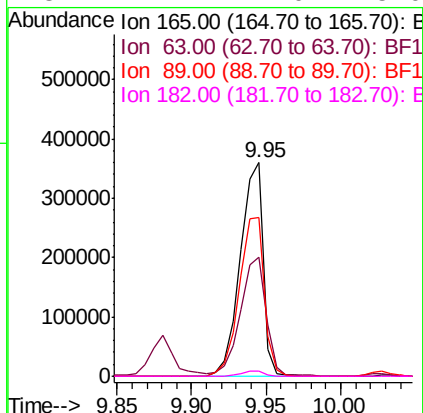
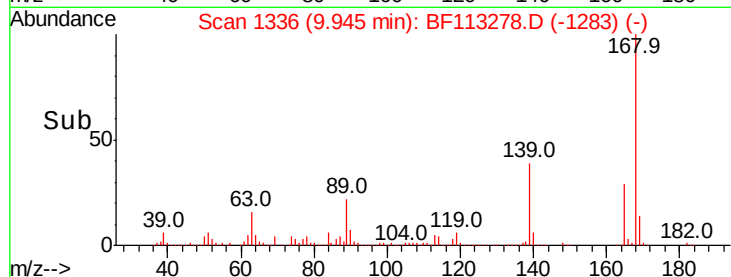
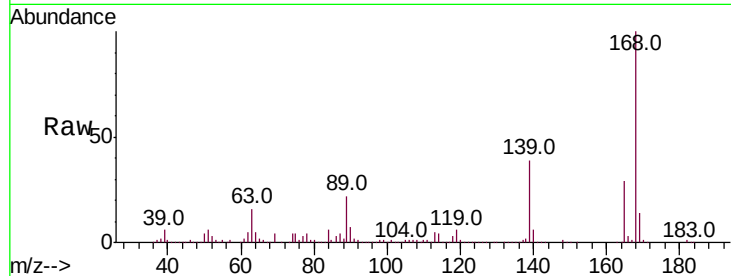
#57
2,4-Dinitrotoluene
Concen: 82.222 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	37.5	56.3	
89	74.0	57.4	86.2	
182	2.4	2.0	3.0	

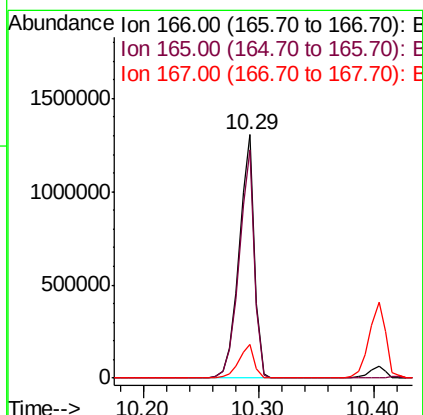
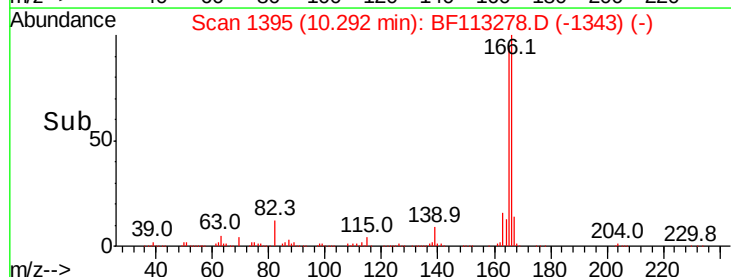
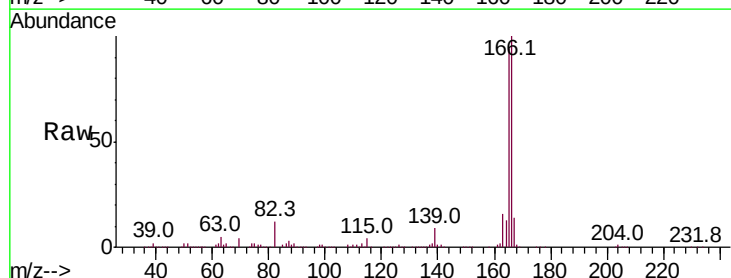
Manual Integrations
APPROVED

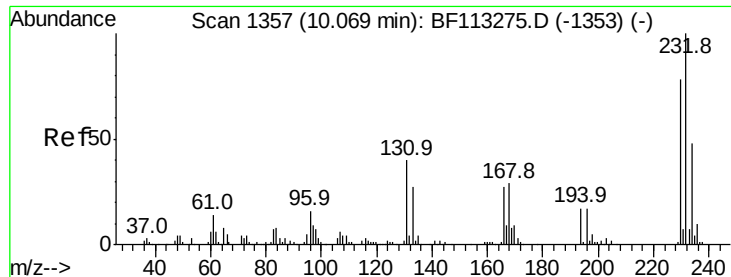
Sohil
3/26/2019 6:21:07 PM



#58
Fluorene
Concen: 75.295 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.0	76.2	114.2	
167	13.6	10.7	16.1	





#59

2,3,4,6-Tetrachlorophenol

Concen: 84.353 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

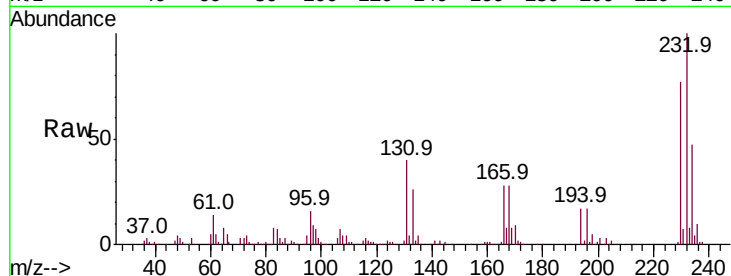
ClientSampleId :

SSTDICC080

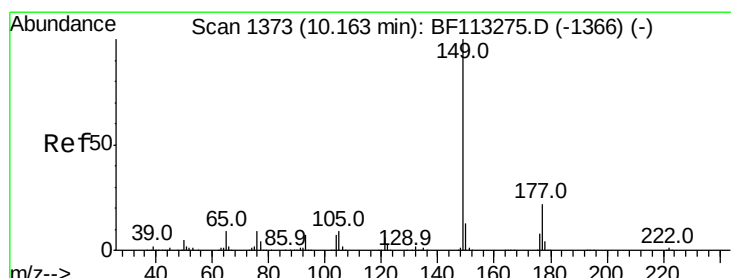
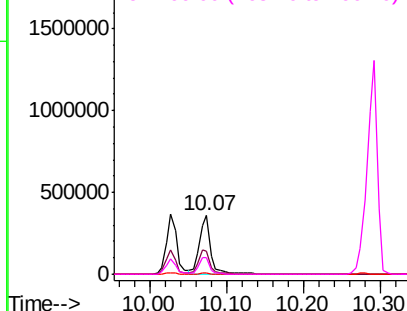
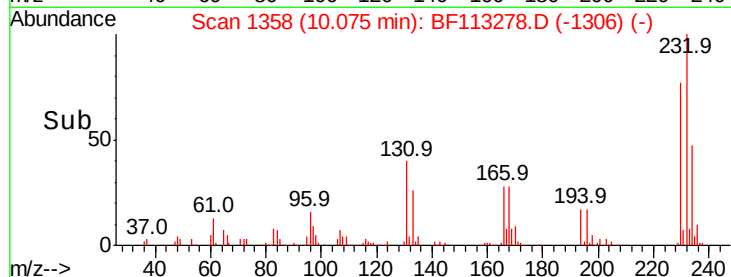
Tot Ion	Ratio	Resp	Lower	Upper
232	100	372799		
131	43.5		33.2	49.8
130	2.0		1.6	2.4
166	28.3		21.0	31.6

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Abundance Ion 232.00 (231.70 to 232.70): E
2000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 69.606 ng

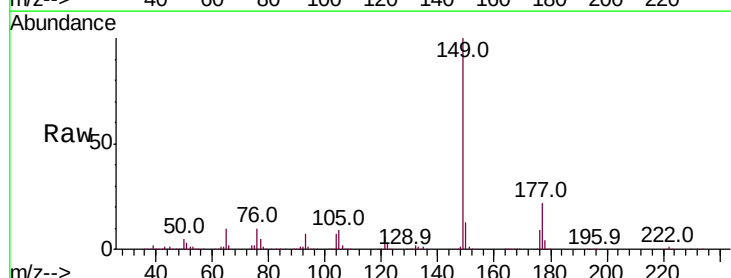
RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

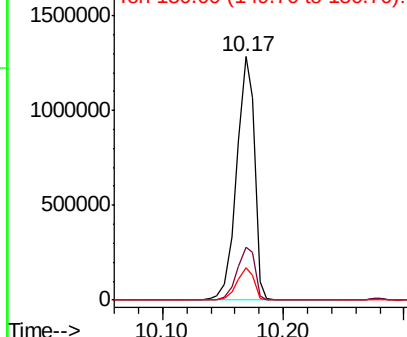
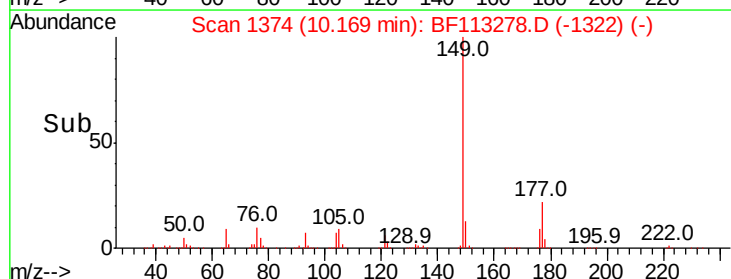
Lab File: BF113278.D

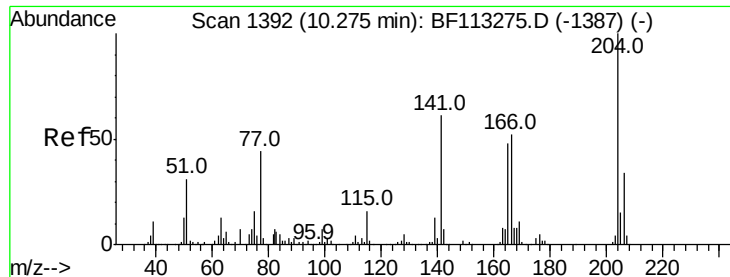
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1325545		
177	21.9		17.4	26.0
150	13.1		10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





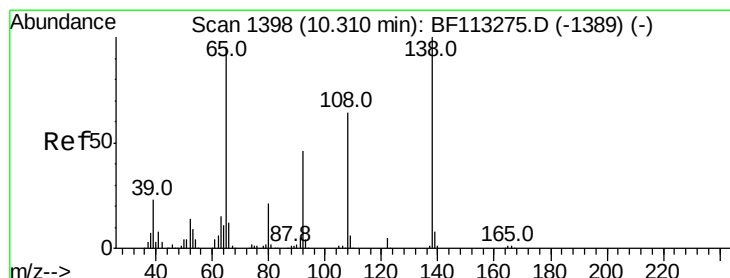
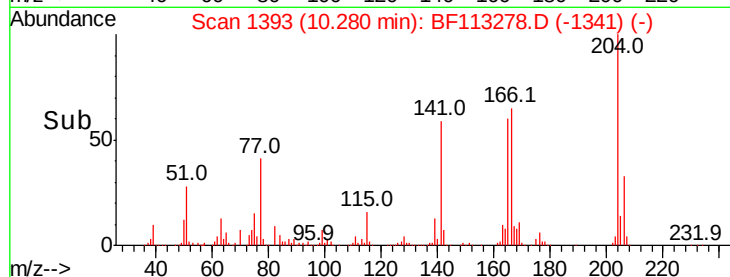
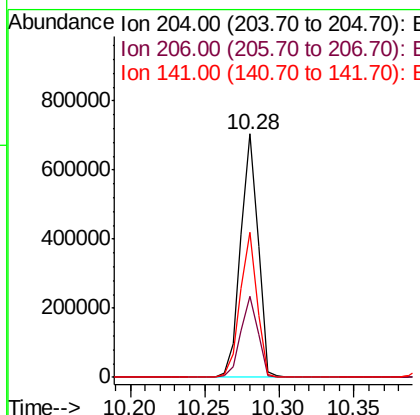
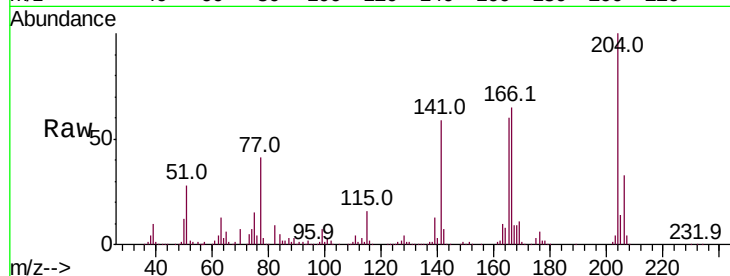
#61
4-Chlorophenyl-phenylether
Concen: 77.850 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	59.4	48.8	73.2

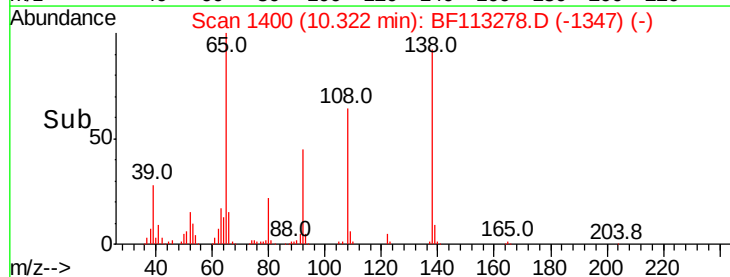
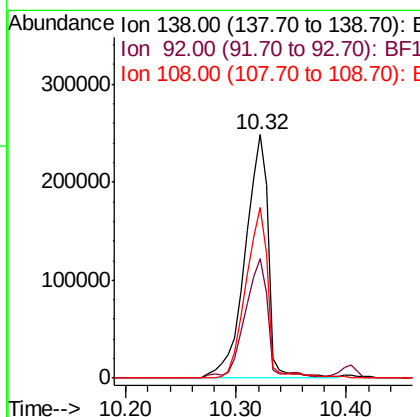
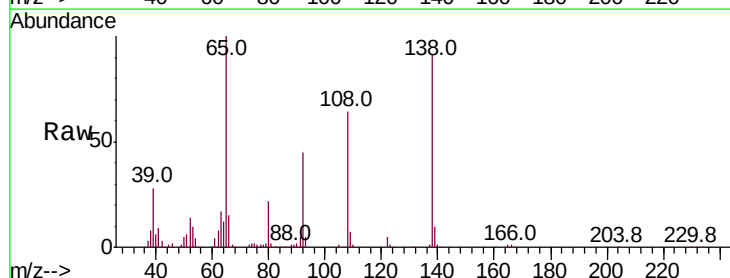
Manual Integrations
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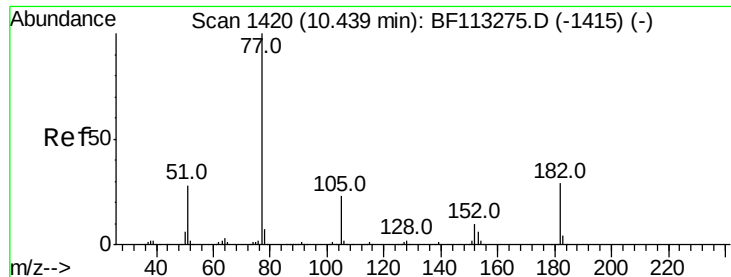
Sohil
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#62
4-Nitroaniline
Concen: 86.591 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	25.8	65.8
108	70.0	44.0	84.0





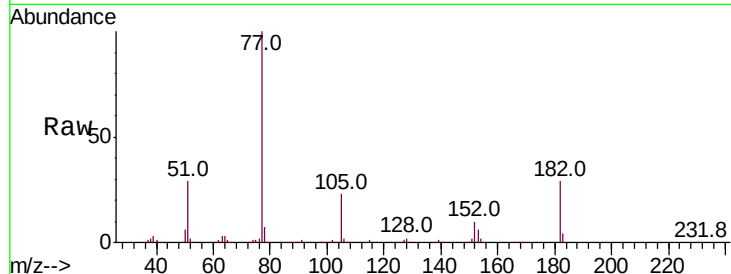
#63
Azobenzene
Concen: 63.209 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

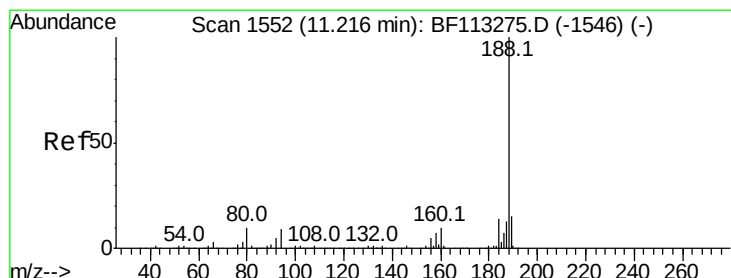
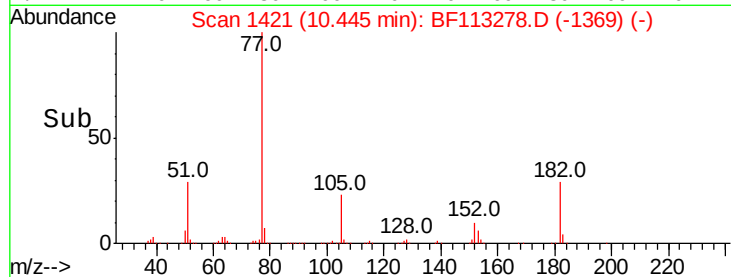
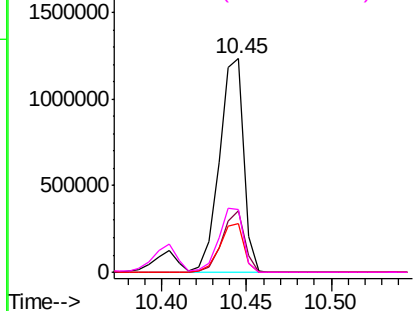
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.7	8.7	48.7	
105	23.0	2.9	42.9	
51	29.3	8.8	48.8	

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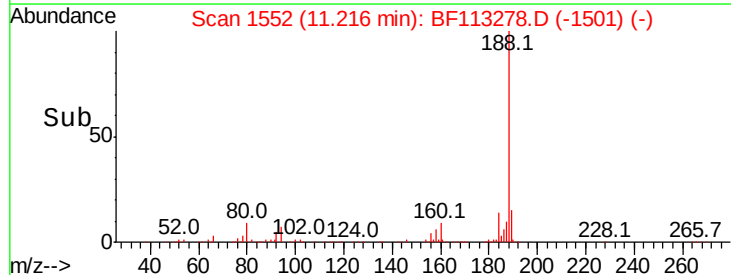
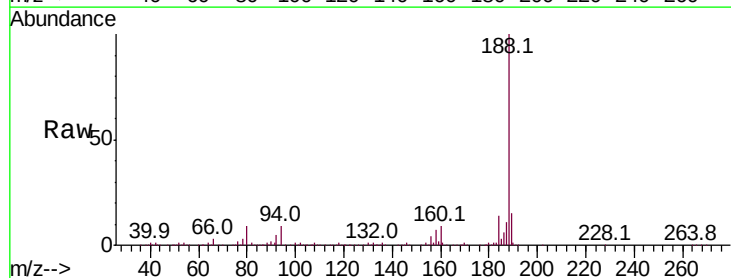
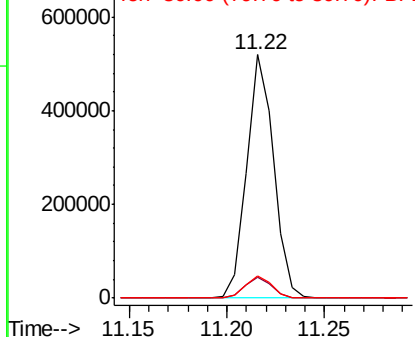
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

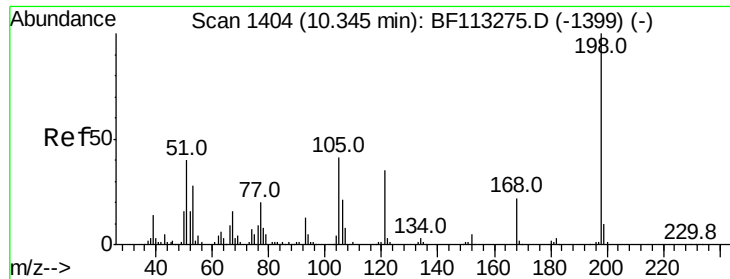


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.0	10.6	
80	9.0	7.7	11.5	

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





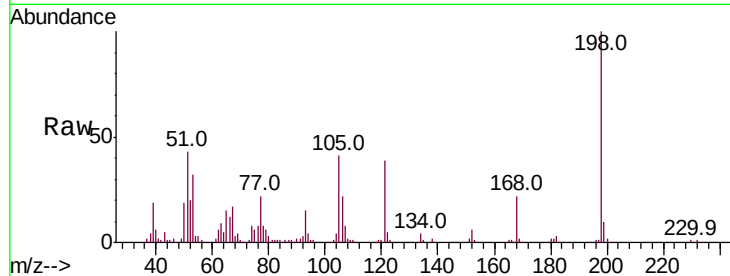
#65
4,6-Dinitro-2-methylphenol
Concen: 99.792 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	21.6	61.6
105	41.1	20.6	60.6

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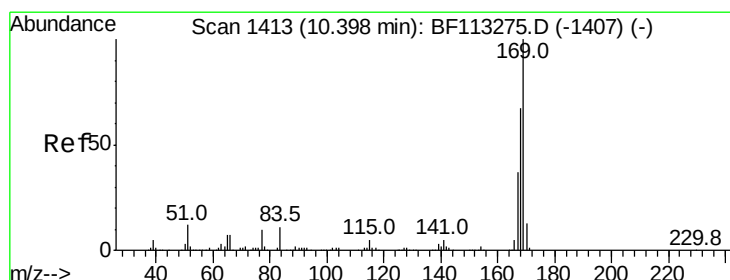
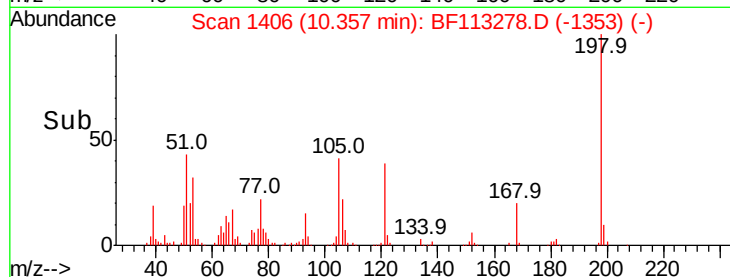
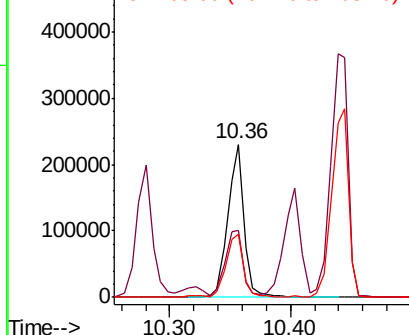


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 69.108 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

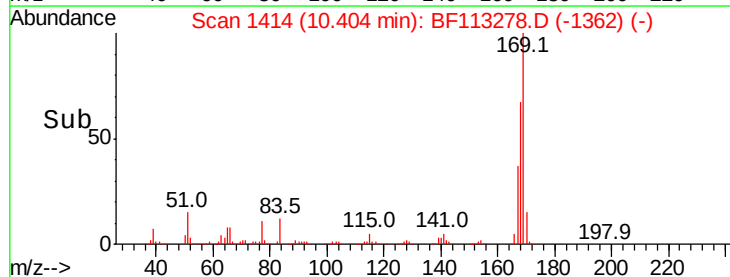
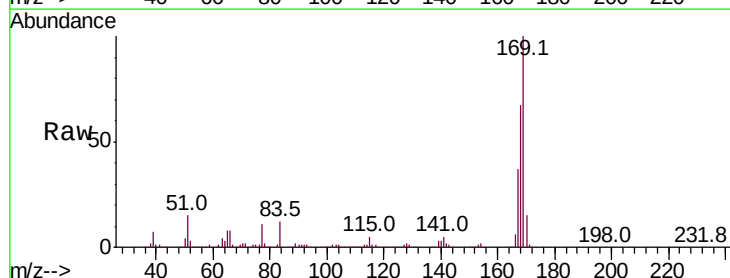
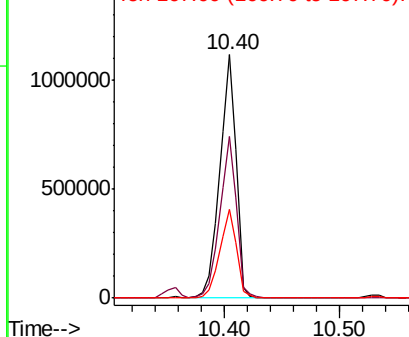
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	36.6	29.5	44.3

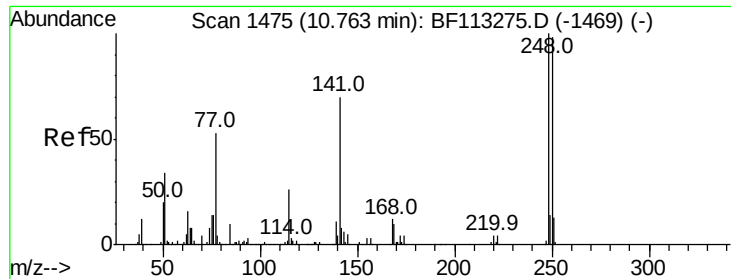
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





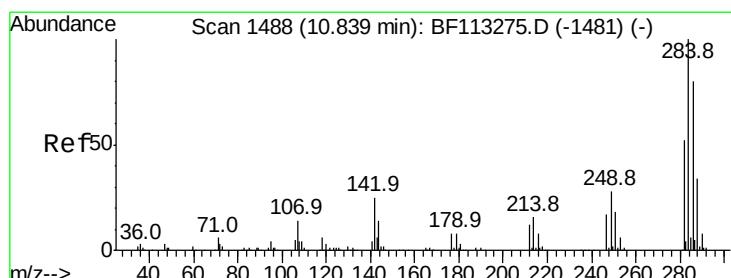
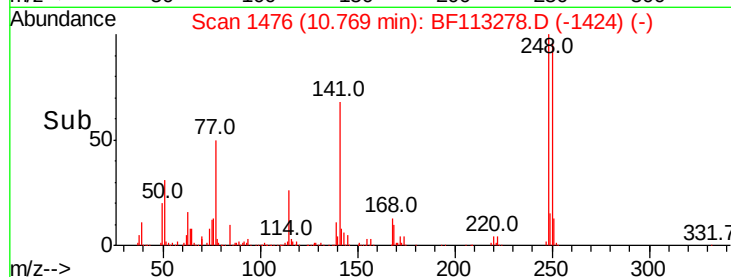
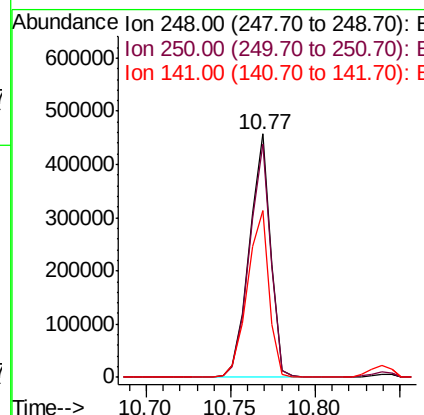
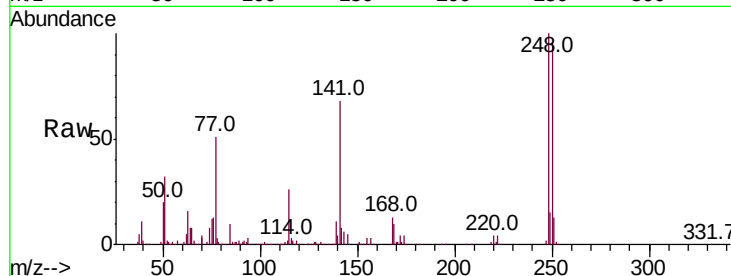
#67
4-Bromophenyl-phenylether
Concen: 77.286 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.3	117.5
141	68.4	56.2	84.4

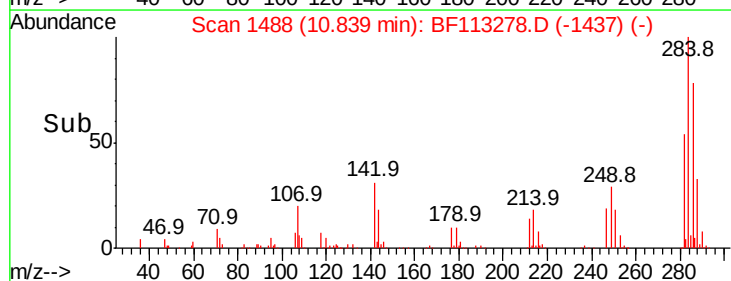
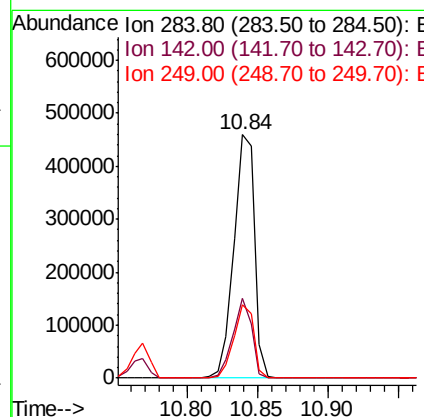
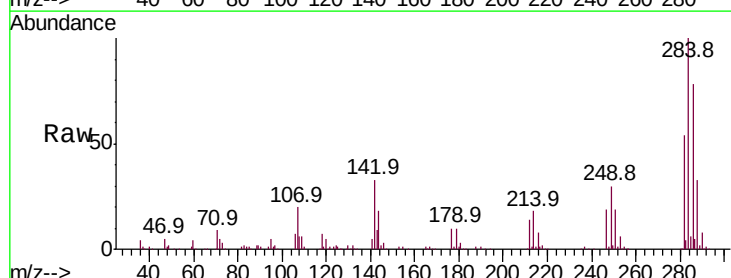
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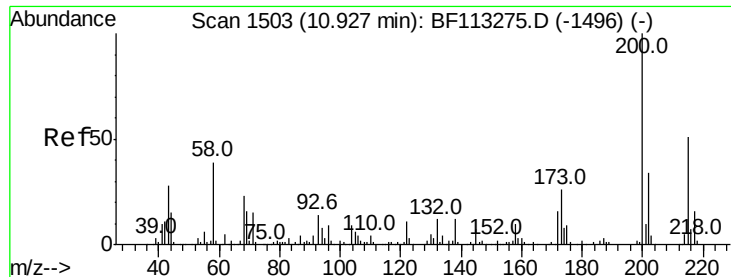
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#68
Hexachlorobenzene
Concen: 79.540 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	20.1	30.1#
249	30.0	22.7	34.1





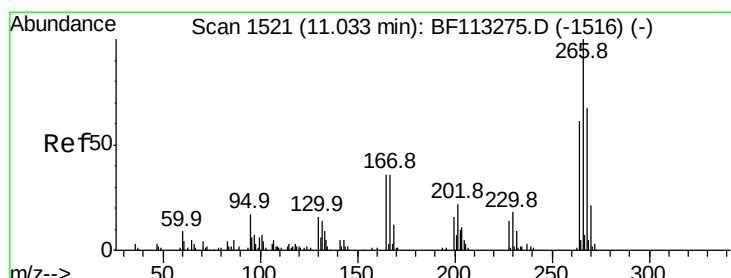
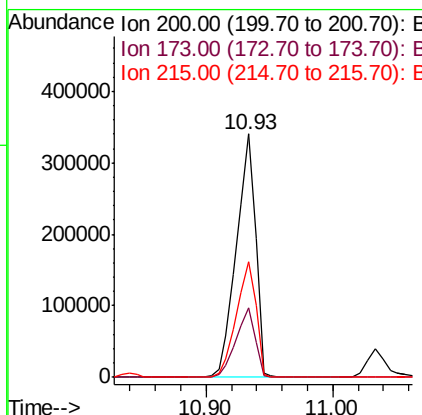
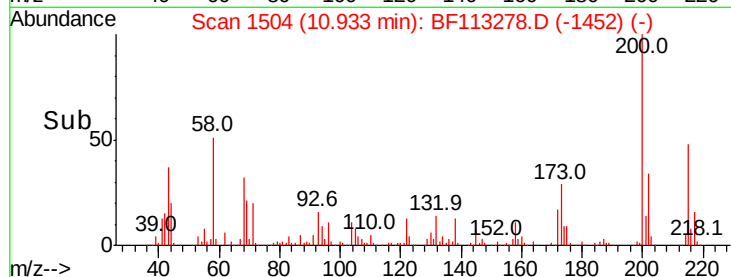
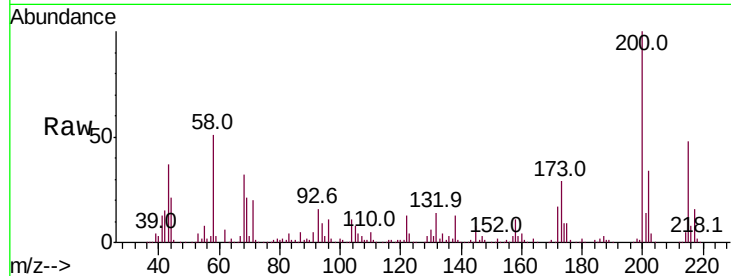
#69
Atrazine
Concen: 72.812 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.0	46.0
215	47.7	31.3	71.3

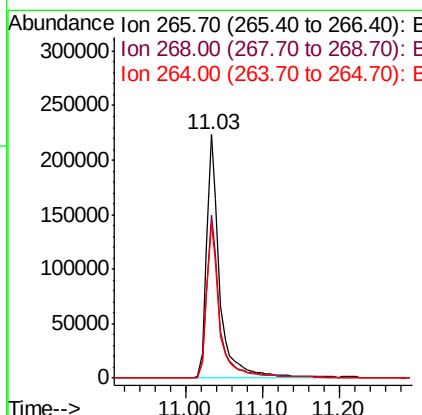
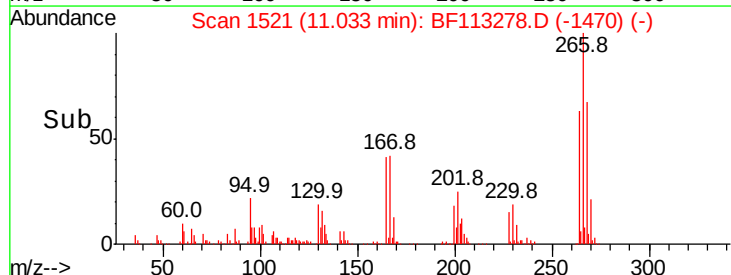
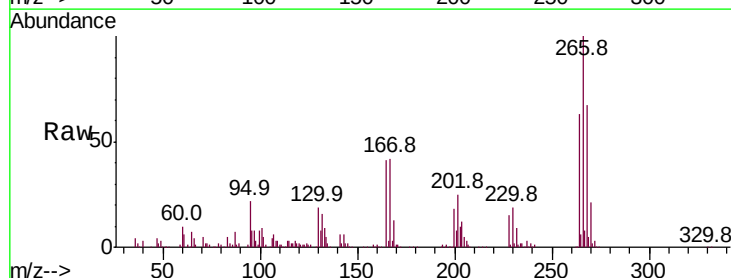
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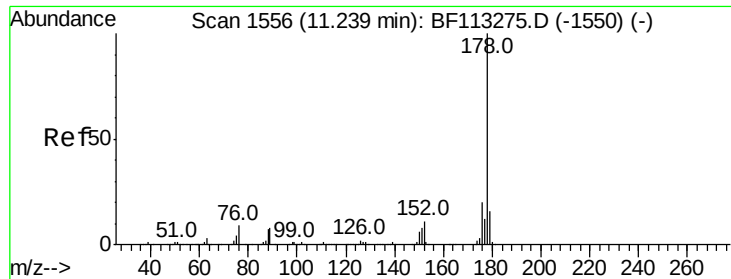
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#70
Pentachlorophenol
Concen: 76.558 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	53.8	80.6
264	63.4	49.2	73.8





#71

Phenanthrene

Concen: 72.411 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 1789346

Ion Ratio Lower Upper

178 100

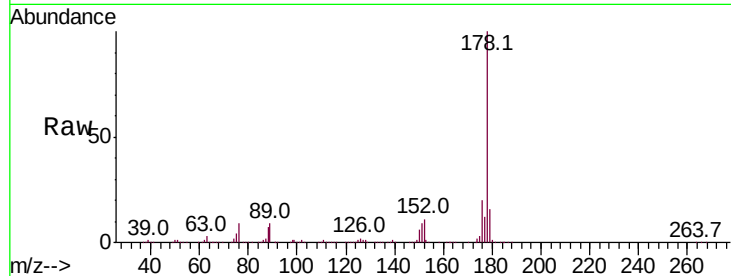
176 20.5 16.2 24.2

179 16.5 12.7 19.1

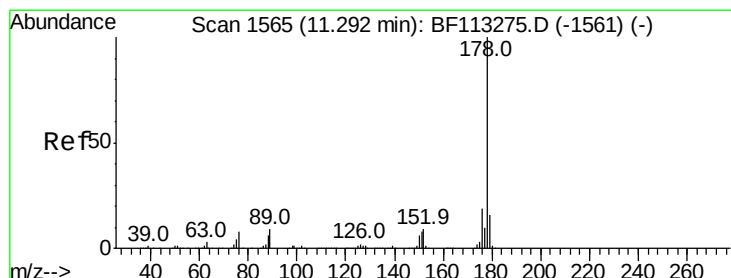
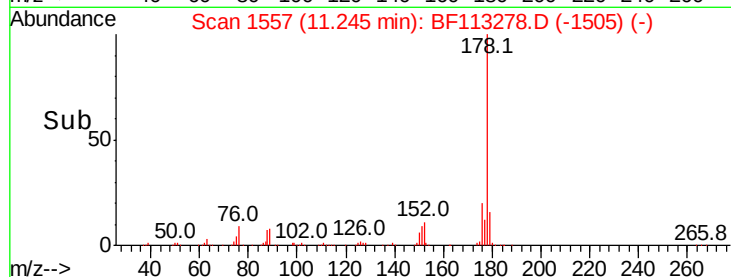
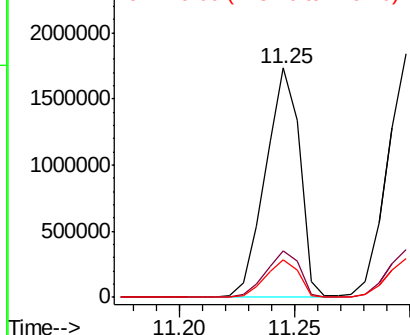
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 69.557 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

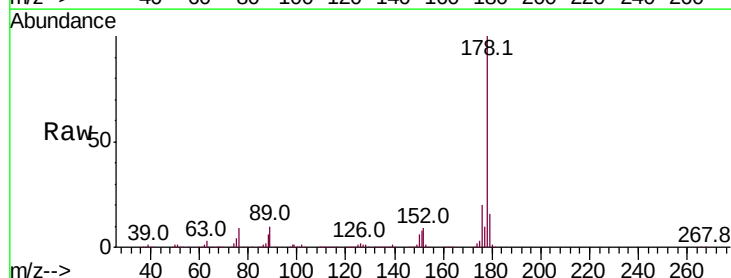
Tgt Ion:178 Resp: 1799245

Ion Ratio Lower Upper

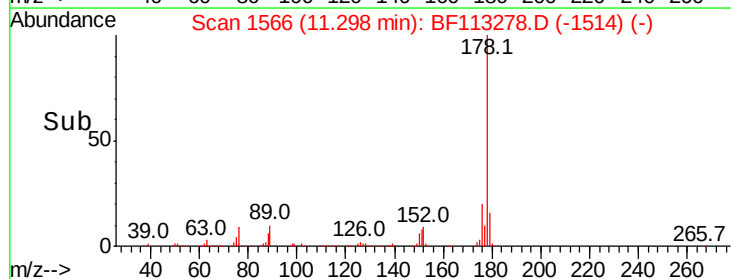
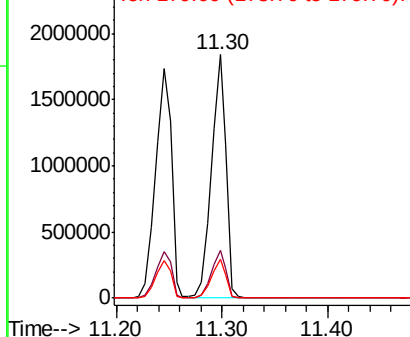
178 100

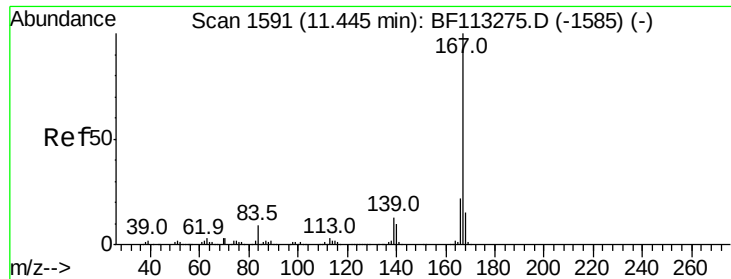
176 19.6 15.4 23.2

179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 68.583 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1730584

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

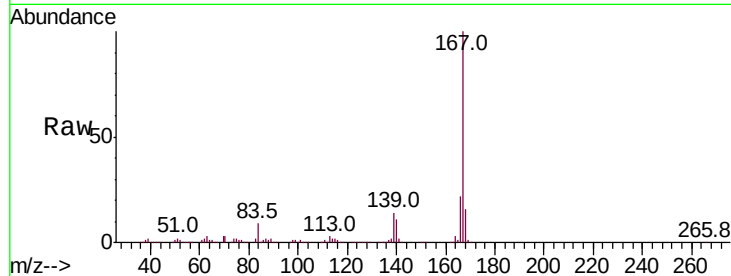
139 13.7 10.4 15.6

Manual Integrations

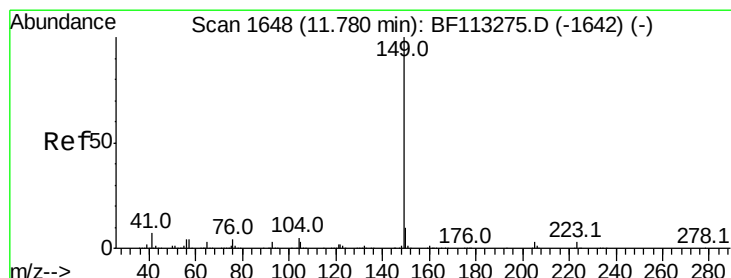
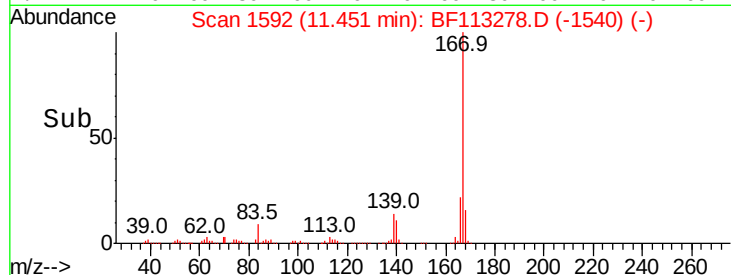
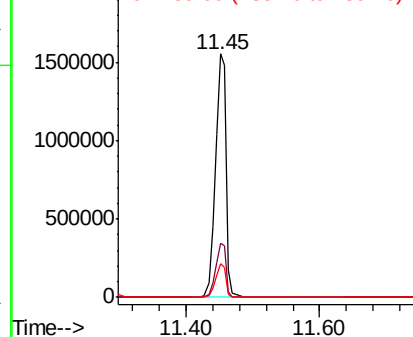
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 66.155 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

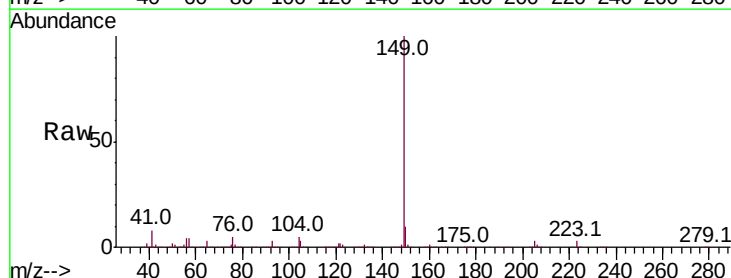
Tgt Ion:149 Resp: 2001594

Ion Ratio Lower Upper

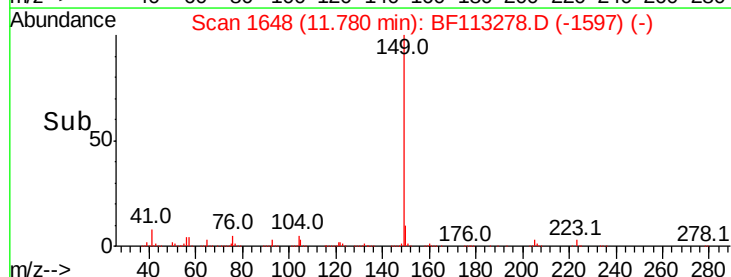
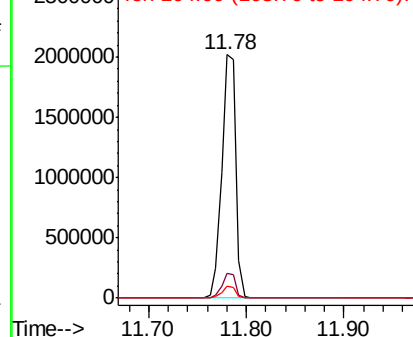
149 100

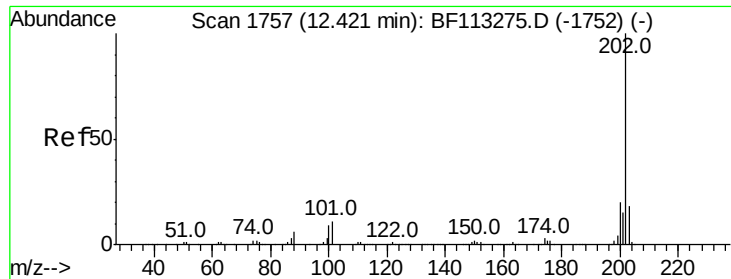
150 10.1 7.7 11.5

104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 85.586 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:202 Resp: 2265888

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

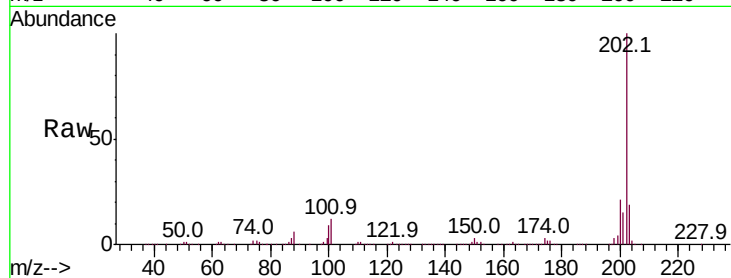
203 18.9 0.0 38.0

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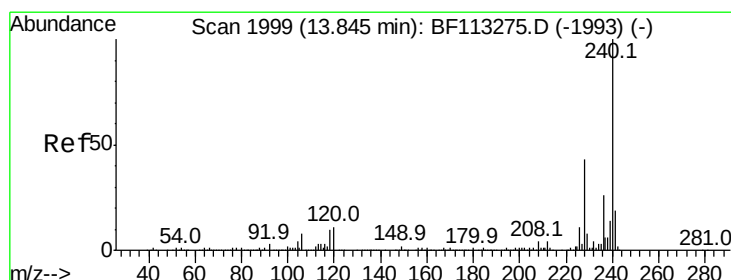
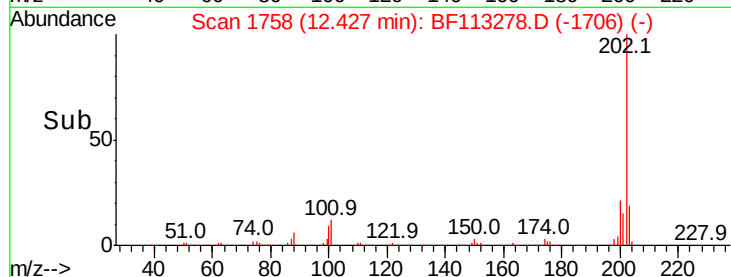
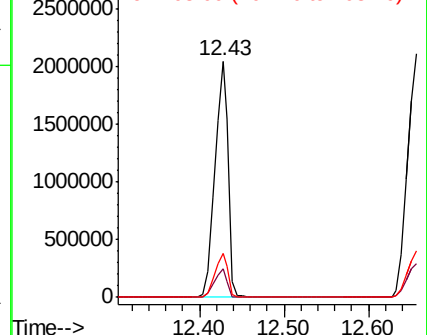


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

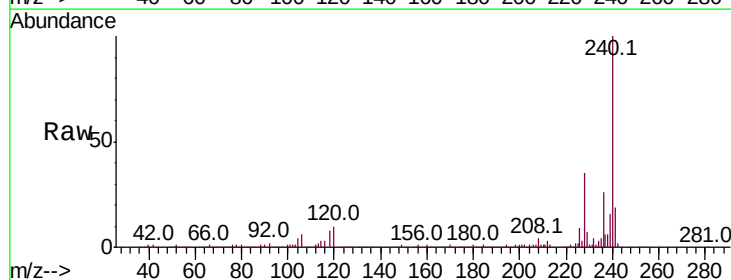
Tgt Ion:240 Resp: 426790

Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

236 25.6 20.9 31.3

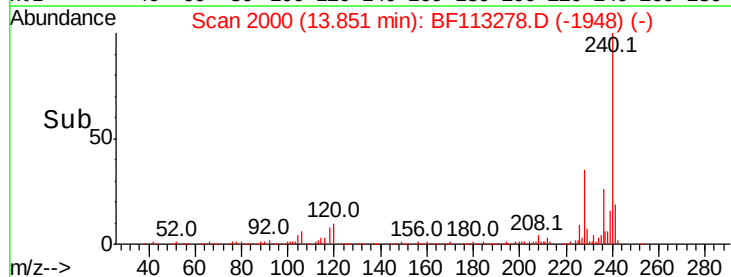
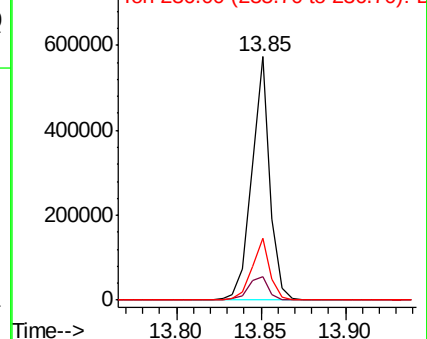


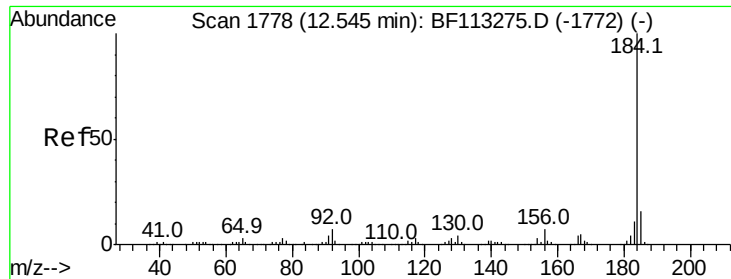
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.810 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1147216

Ion Ratio Lower Upper

184 100

185 20.9 13.0 19.6#

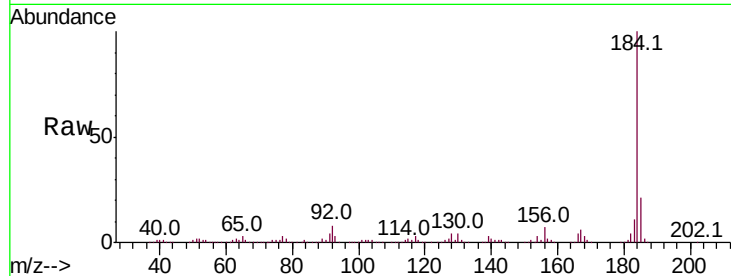
183 11.2 9.0 13.4

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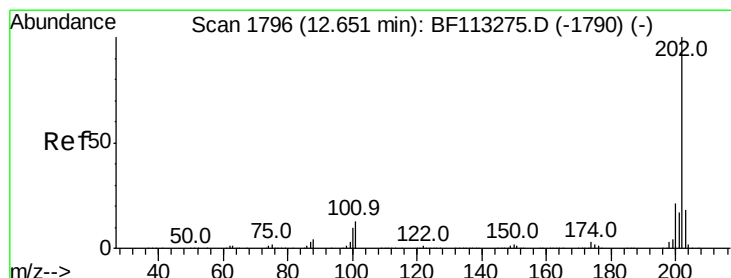
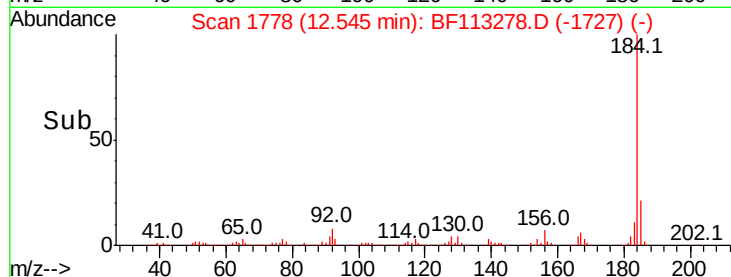
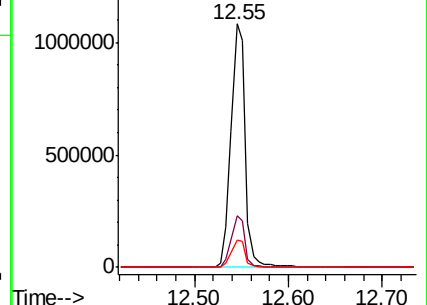
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 62.681 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

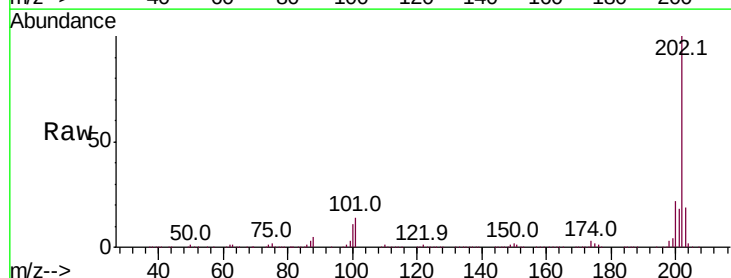
Tgt Ion:202 Resp: 2255225

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

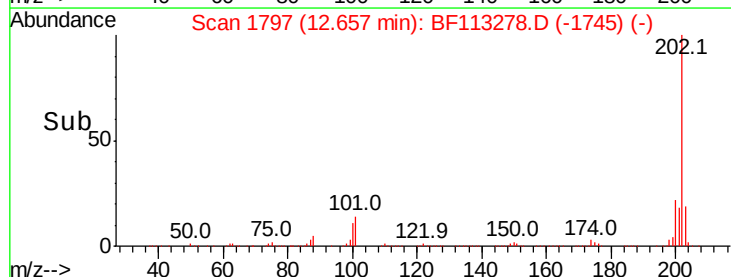
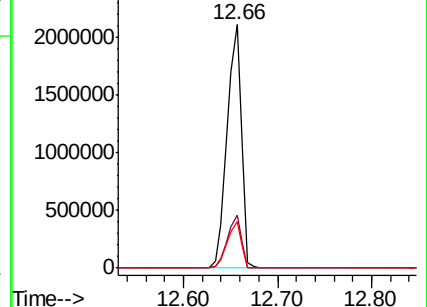
203 18.9 14.4 21.6

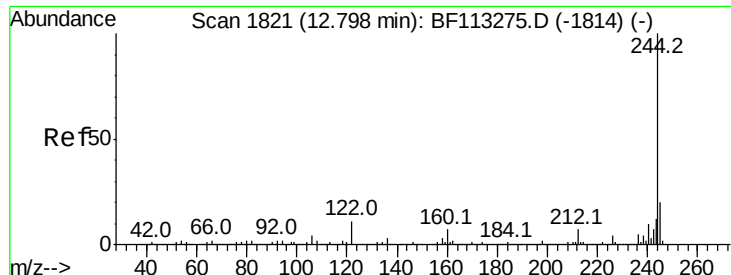


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 121.659 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:244 Resp: 2678513

Ion Ratio Lower Upper

244 100

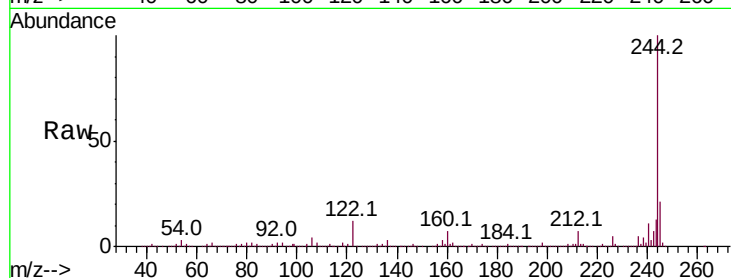
212 7.2 5.5 8.3

122 11.6 8.6 13.0

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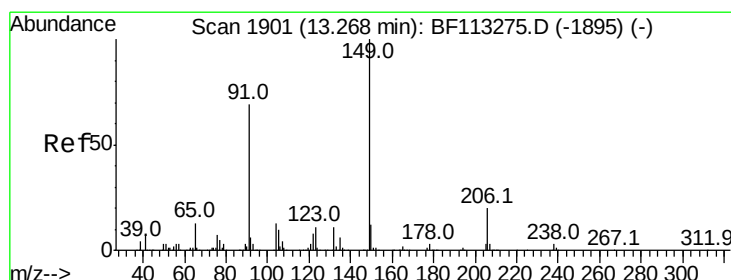
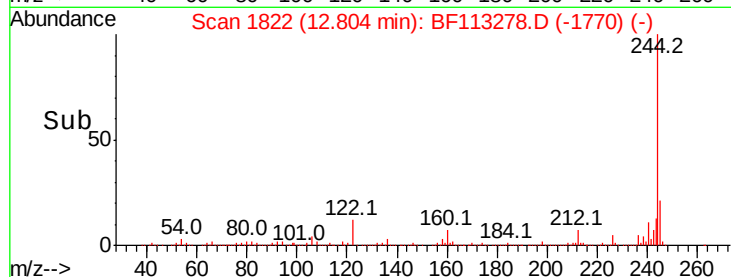
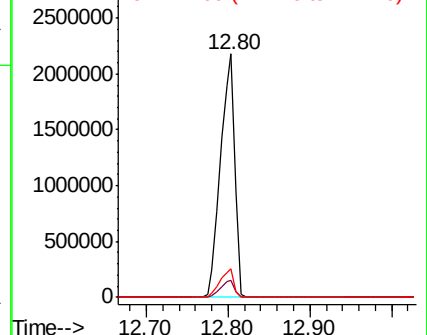
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 64.050 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF113278.D

Acq: 25 Mar 2019 14:00

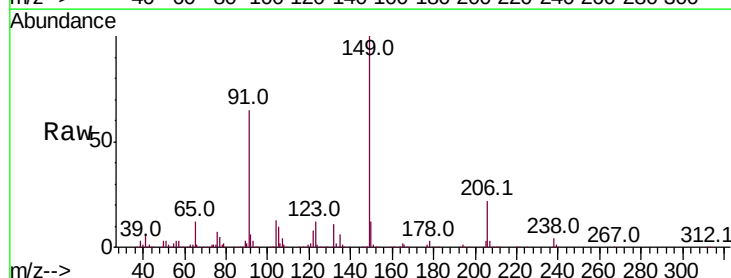
Tgt Ion:149 Resp: 1017217

Ion Ratio Lower Upper

149 100

91 65.4 55.2 82.8

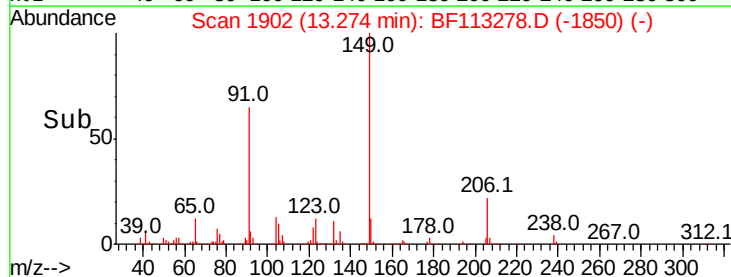
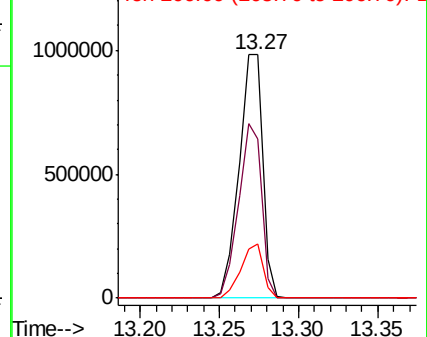
206 22.3 16.1 24.1

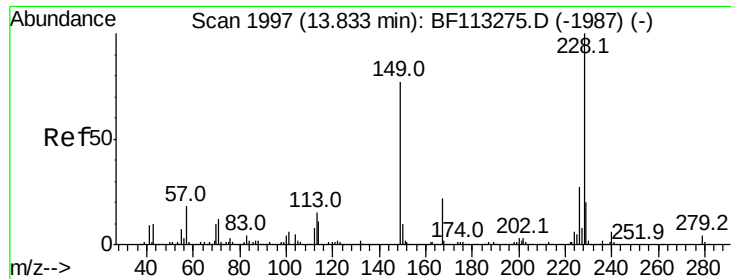


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





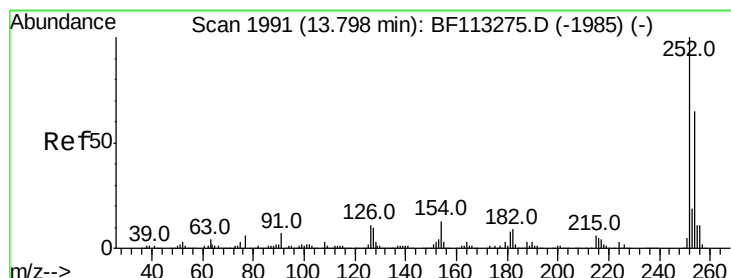
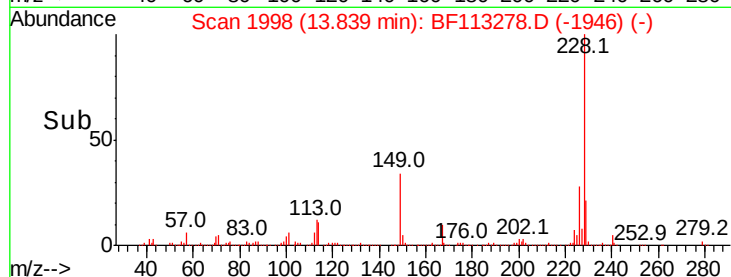
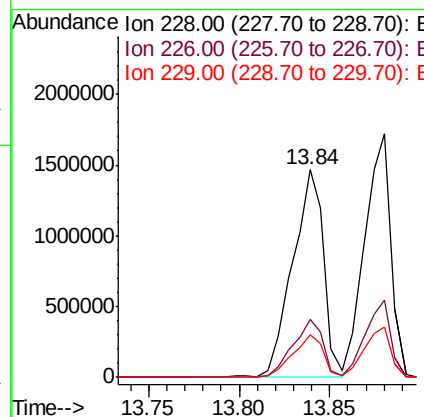
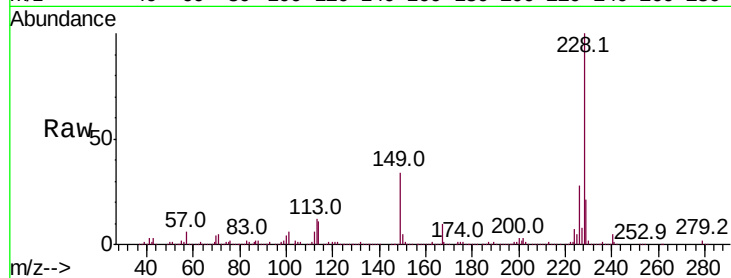
#81
Benzo(a)anthracene
Concen: 59.602 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.6	16.2	24.4

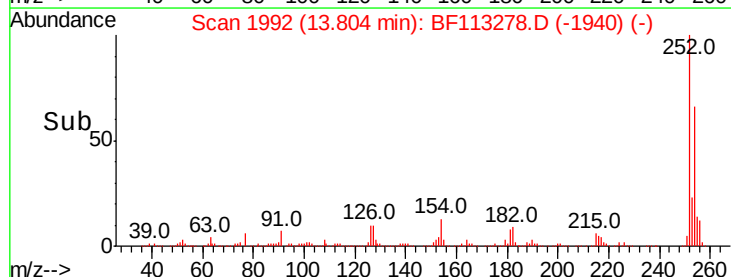
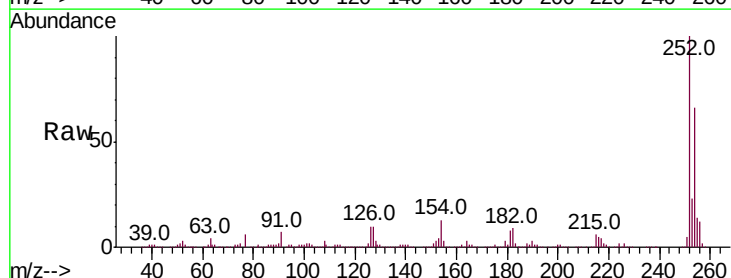
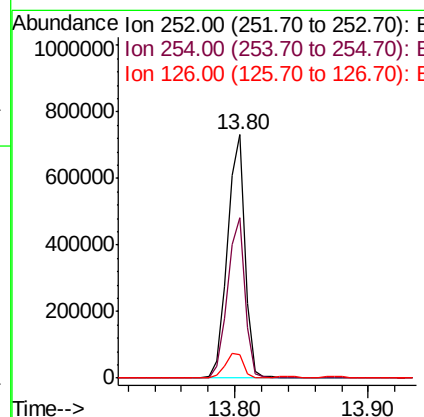
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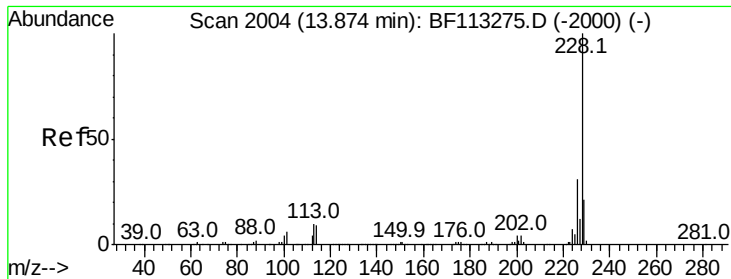
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 61.186 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.2
126	9.7	8.5	12.7





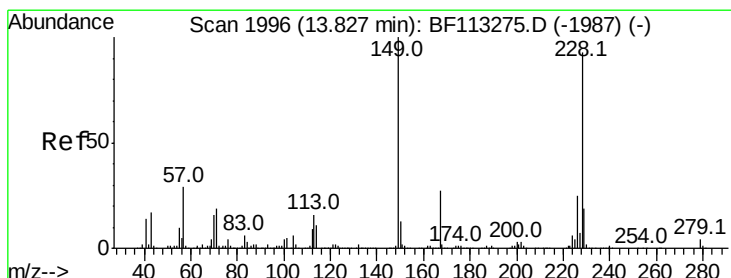
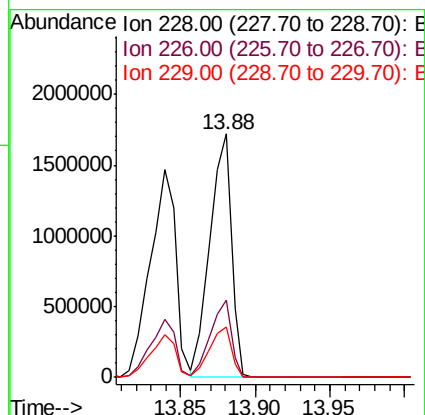
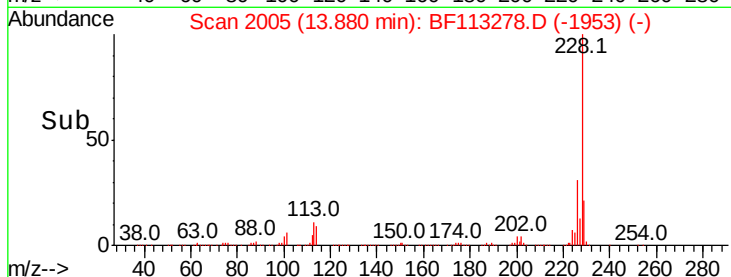
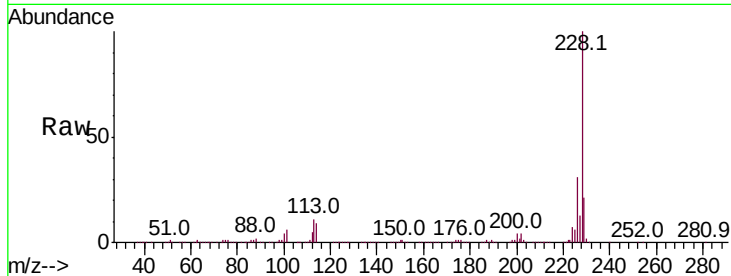
#83
 Chrysene
 Concen: 59.555 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.3	36.5
229	20.5	16.3	24.5

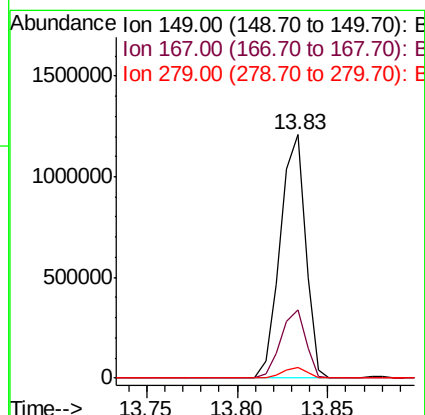
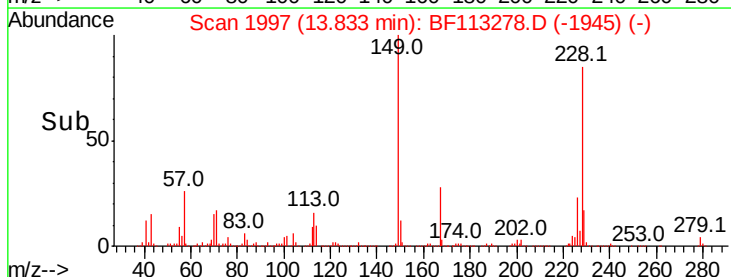
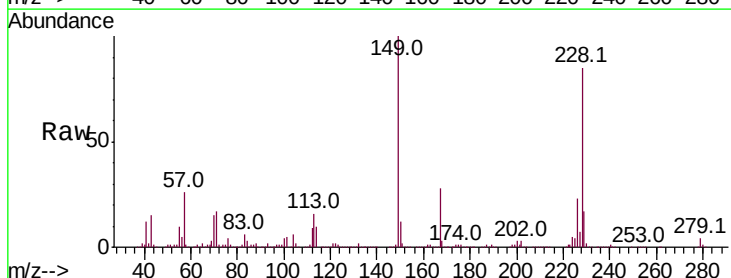
Manual Integrations
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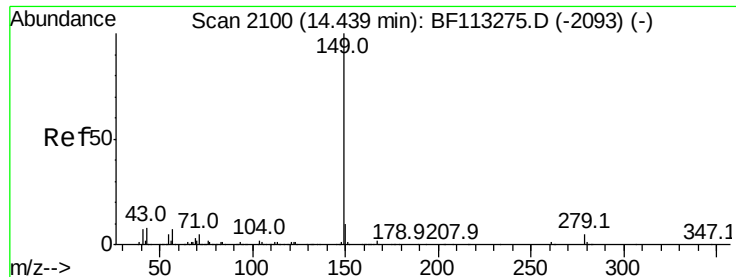
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 63.447 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.4	2.9	4.3#





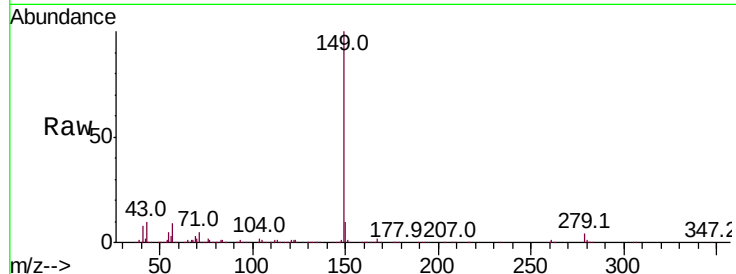
#85
Di-n-octyl phthalate
Concen: 55.076 ng
RT: 14.44 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

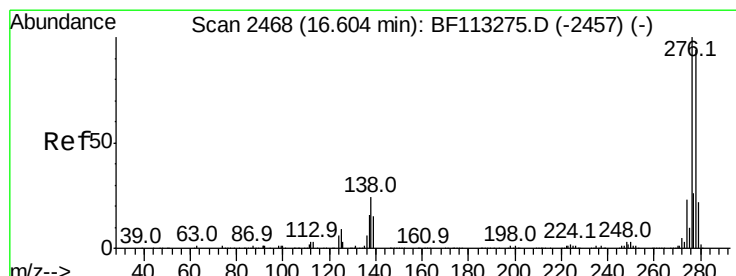
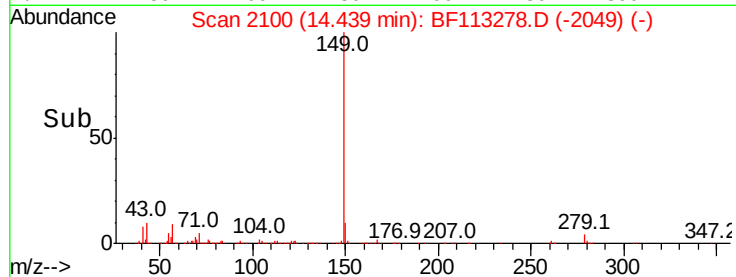
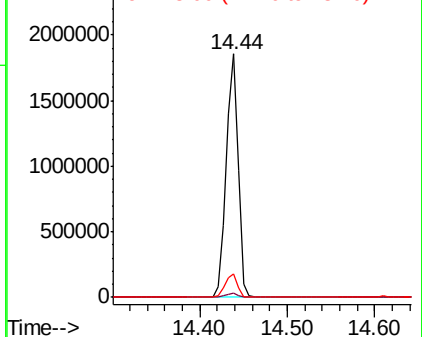
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.7	11.5

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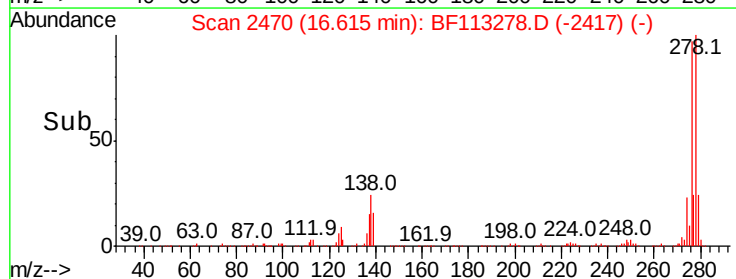
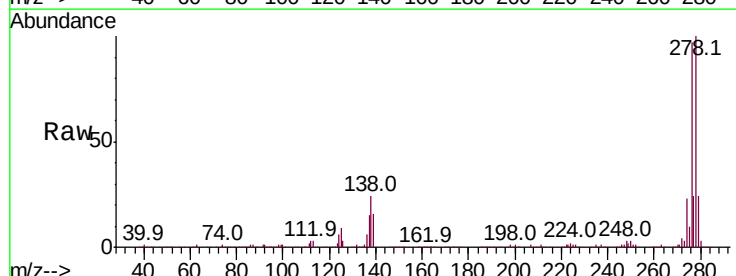
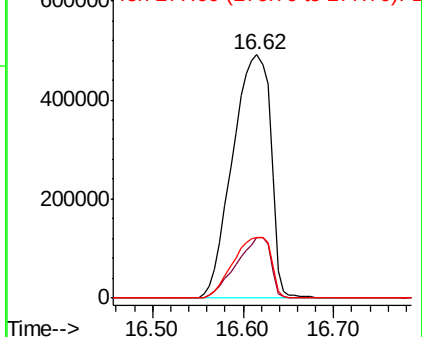
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

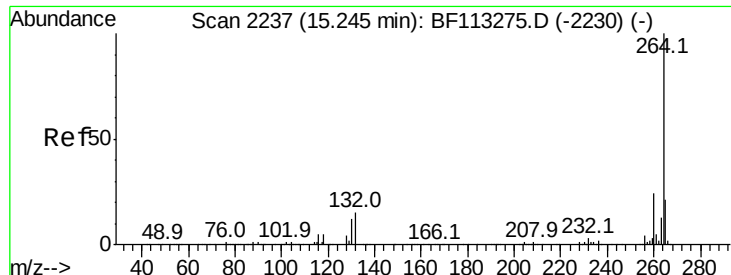


#86
Indeno(1,2,3-cd)pyrene
Concen: 58.049 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.1	27.1
277	25.2	20.2	30.4

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





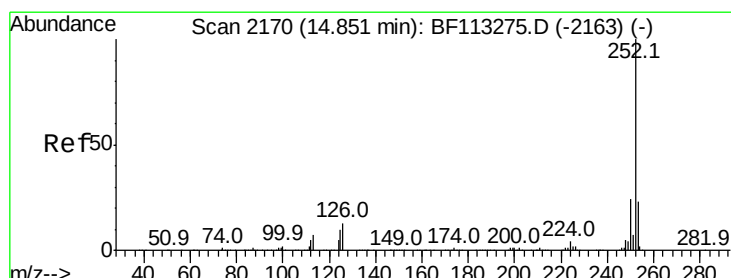
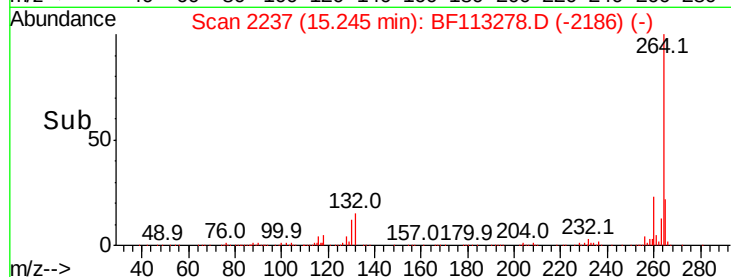
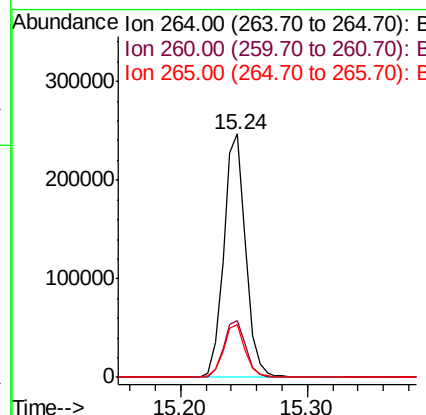
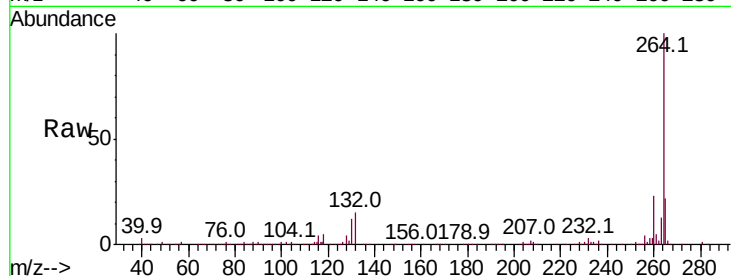
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.7	17.1	25.7

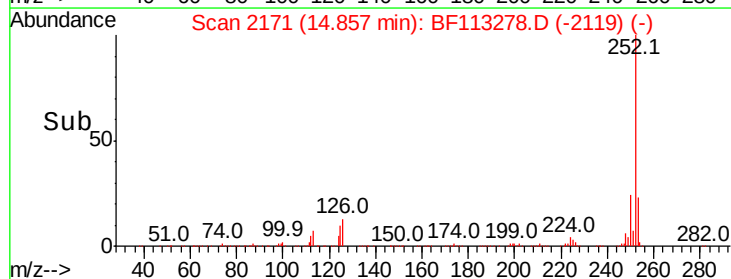
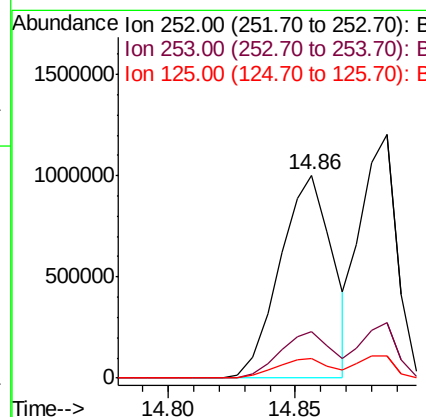
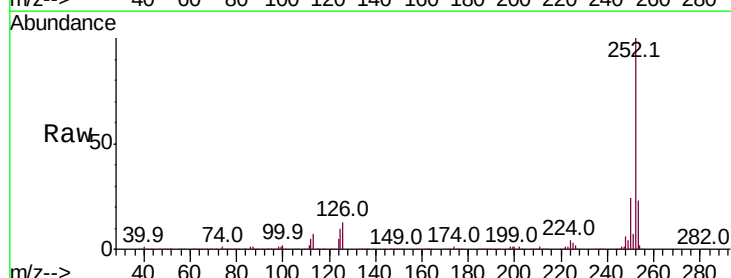
Manual Integrations
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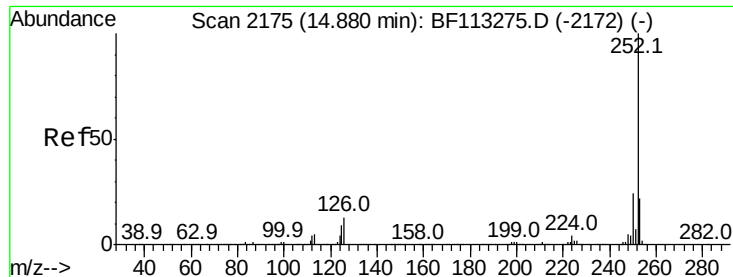
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#88
 Benzo(b)fluoranthene
 Concen: 75.472 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF113278.D
 Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.8	7.6	11.4





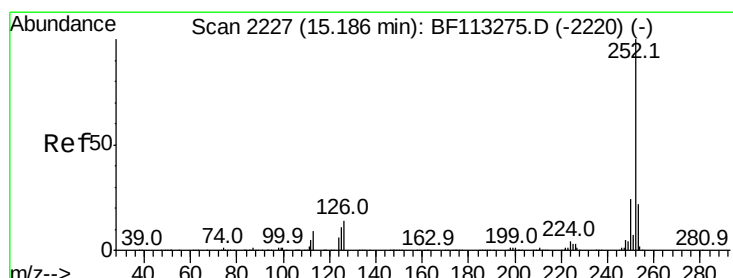
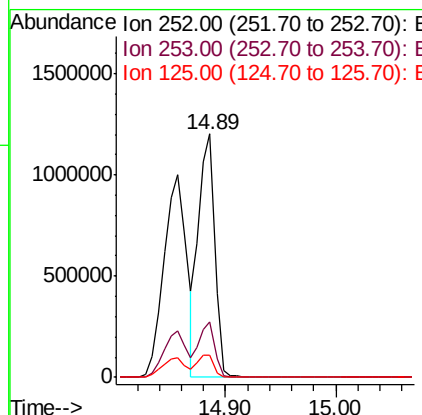
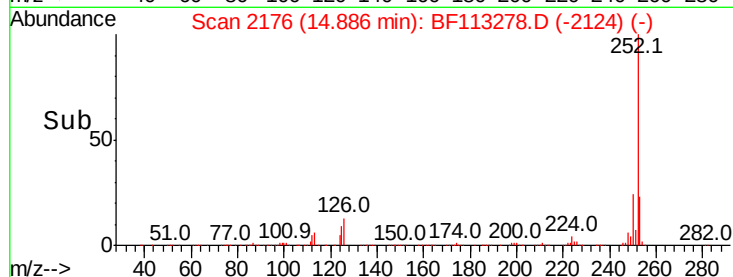
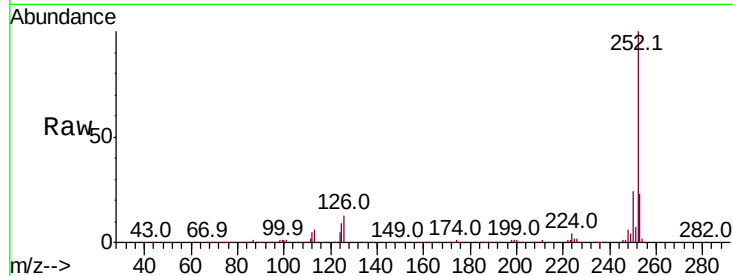
#89
Benzo(k)fluoranthene
Concen: 69.345 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.3	7.3	10.9

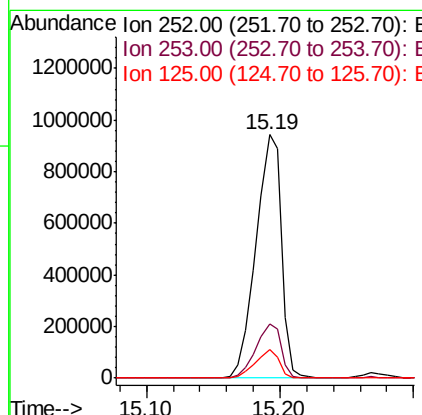
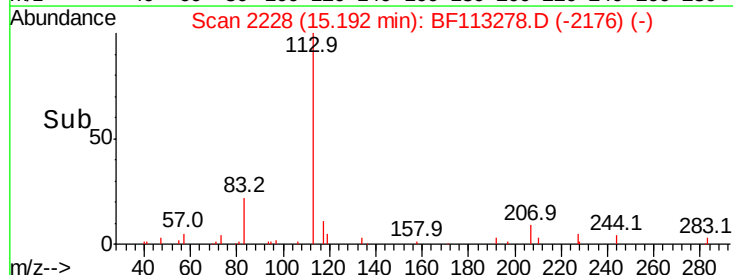
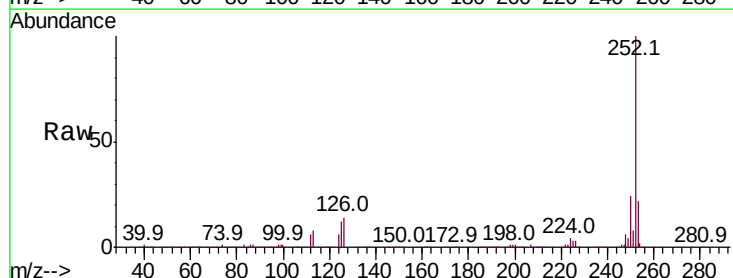
Manual Integrations
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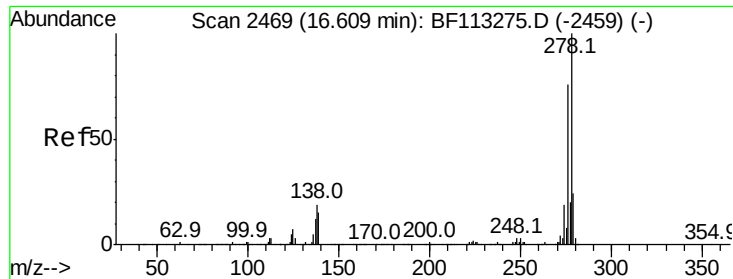
Sohil
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#90
Benzo(a)pyrene
Concen: 72.925 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.5	8.8	13.2





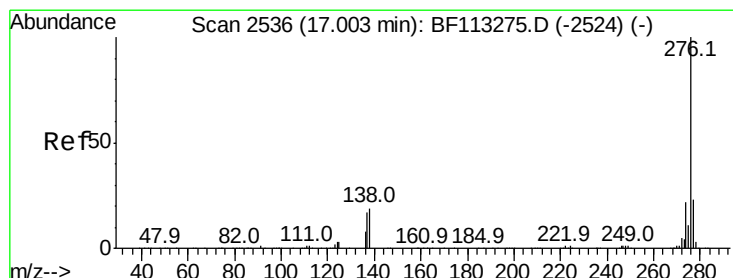
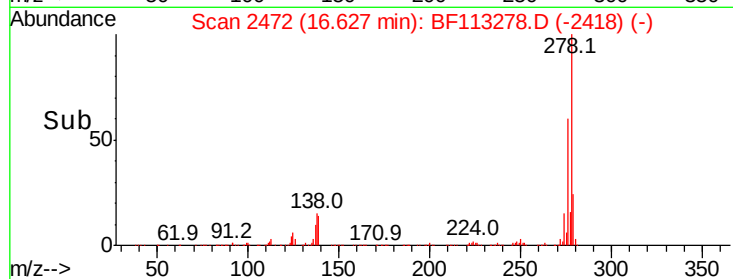
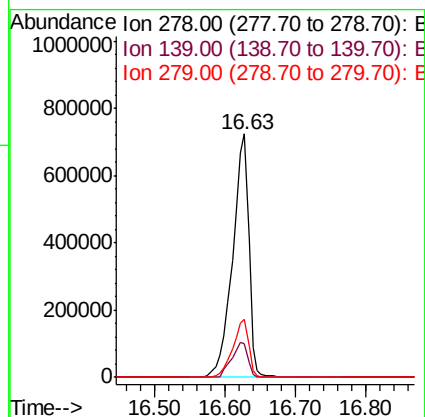
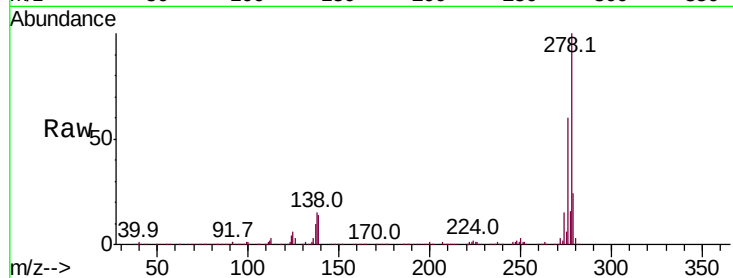
#91
Dibenzo(a,h)anthracene
Concen: 79.566 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.02 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.0	18.0
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/26/2019 6:21:07 PM



#92
Benzo(g,h,i)perylene
Concen: 83.357 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF113278.D
Acq: 25 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	19.4	15.6	23.4

