

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107814.D
 Acq On : 30 Jul 2018 21:40
 Operator : JU/SJ
 Sample : J4164-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:42:42 PM

Quant Time: Jul 31 03:31:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	830227	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	383723	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	767858	20.00	ng	0.00
75) Chrysene-d12	14.15	240	469514	20.00	ng	0.00
86) Perylene-d12	15.68	264	564526	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1494175	124.55	ng	0.01
7) Phenol-d6	6.61	99	1844901	116.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	1254734	87.07	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	599429	114.96	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2078627	75.49	ng	0.00
78) Terphenyl-d14	13.08	244	2016035	93.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	199636	36.981	ng	87
3) Pyridine	3.64	79	506488	37.533	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	198331	32.491	ng	96
6) Aniline	6.64	93	602594	36.642	ng	# 57
8) 2-Chlorophenol	6.76	128	646467	42.899	ng	96
9) Benzaldehyde	6.52	77	330074	34.601	ng	97
10) Phenol	6.62	94	770610	40.870	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	601537	35.878	ng	95
12) 1,3-Dichlorobenzene	6.90	146	656652	41.546	ng	98
13) 1,4-Dichlorobenzene	6.98	146	731966	41.603	ng	98
14) 1,2-Dichlorobenzene	7.13	146	638031	39.066	ng	99
15) Benzyl Alcohol	7.11	79	470991	47.926	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1018452	42.250	ng	63
17) 2-Methylphenol	7.22	107	535565	48.143	ng	# 81
18) Hexachloroethane	7.47	117	243872	38.563	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	448724	44.739	ng	98
20) 3+4-Methylphenols	7.38	107	684046	50.084	ng	# 65
22) Acetophenone	7.37	105	936172	46.869	ng	# 92
24) Nitrobenzene	7.55	77	676324	44.757	ng	97
25) Isophorone	7.78	82	1284151	54.285	ng	99
26) 2-Nitrophenol	7.87	139	378901	49.962	ng	96
27) 2,4-Dimethylphenol	7.90	122	590679	58.176	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	847596	54.370	ng	99
29) 2,4-Dichlorophenol	8.11	162	569732	49.608	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	571590	43.626	ng	98
31) Naphthalene	8.27	128	2156545	55.880	ng	98
32) Benzoic acid	7.95	122	63418m	10.453	ng	
33) 4-Chloroaniline	8.32	127	393740	23.886	ng	97
34) Hexachlorobutadiene	8.37	225	321794	39.745	ng	100
35) Caprolactam	8.70	113	174477m	50.465	ng	
36) 4-Chloro-3-methylphenol	8.81	107	625781	50.171	ng	98
37) 2-Methylnaphthalene	8.96	142	1298757	53.575	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	597960	45.705	ng	97
40) Hexachlorocyclopentadiene	9.10	237	277110	52.059	ng	99

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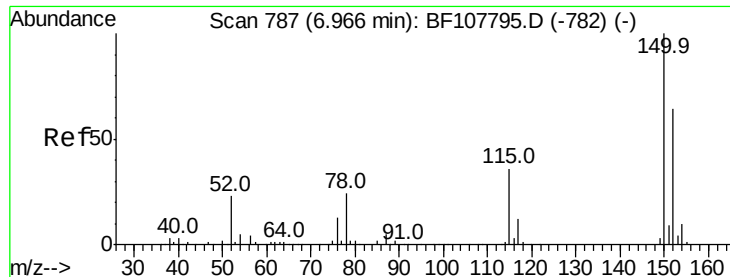
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	386326	53.414	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	420660	48.311	nq	95
45) 1,1'-Biphenyl	9.42	154	1569756	44.952	nq	100
46) 2-Chloronaphthalene	9.45	162	1168306	44.365	nq	97
47) 2-Nitroaniline	9.56	65	449536	52.481	nq	89
48) Acenaphthylene	9.87	152	1972162	48.307	nq	98
49) Dimethylphthalate	9.72	163	1538802	53.398	nq	99
50) 2,6-Dinitrotoluene	9.80	165	309772	49.463	nq	93
51) Acenaphthene	10.04	154	1156579	48.769	nq	99
52) 3-Nitroaniline	9.98	138	245681	31.132	nq	96
53) 2,4-Dinitrophenol	10.11	184	21642	14.305	nq #	65
54) Dibenzofuran	10.21	168	1698228	46.330	nq	98
55) 4-Nitrophenol	10.15	139	327176	87.148	nq	90
56) 2,4-Dinitrotoluene	10.20	165	386780	46.989	nq #	91
57) Fluorene	10.56	166	1449028	50.866	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	360123	45.029	nq #	86
59) Diethylphthalate	10.42	149	1412603	45.591	nq	96
60) 4-Chlorophenyl-phenylether	10.54	204	634898	40.912	nq	94
61) 4-Nitroaniline	10.60	138	306185	43.720	nq	93
62) Azobenzene	10.71	77	1328757	46.047	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	103233	24.712	nq	88
65) n-Nitrosodiphenylamine	10.67	169	1178925	46.628	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	394324	44.060	nq #	86
67) Hexachlorobenzene	11.10	284	418010	42.119	nq	92
68) Atrazine	11.20	200	363479	48.573	nq	95
69) Pentachlorophenol	11.31	266	384198	78.640	nq	99
70) Phenanthrene	11.53	178	2267327	62.186	nq	98
71) Anthracene	11.58	178	2244176	53.364	nq	97
72) Carbazole	11.74	167	1943254	46.759	nq	99
73) Di-n-butylphthalate	12.04	149	2038310	44.957	nq	98
74) Fluoranthene	12.72	202	2895855	67.607	nq	97
76) Benzidine	12.85	184	869873	57.302	nq	97
77) Pyrene	12.95	202	2673505	79.077	nq	97
79) Butylbenzylphthalate	13.55	149	795258	53.714	nq	96
80) Benzo(a)anthracene	14.14	228	1907314	71.713	nq	95
81) 3,3'-Dichlorobenzidine	14.10	252	387065	37.543	nq	97
82) Chrysene	14.18	228	1745661	60.853	nq	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	1003345	53.907	nq	98
84) Di-n-octyl phthalate	14.72	149	1657935	55.496	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	1774380	81.319	nq	95
87) Benzo(b)fluoranthene	15.23	252	1826605	65.605	nq	97
88) Benzo(k)fluoranthene	15.26	252	1531770	44.810	nq	99
89) Benzo(a)pyrene	15.62	252	1745219	60.718	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	1341694	53.513	nq	97
91) Benzo(g,h,i)perylene	17.76	276	1477123	60.888	nq	95

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



#1

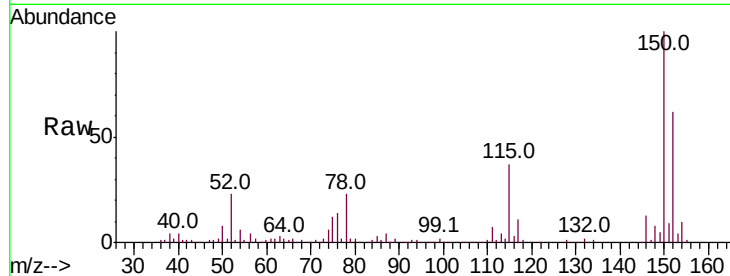
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
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SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	59.4	50.1	75.1

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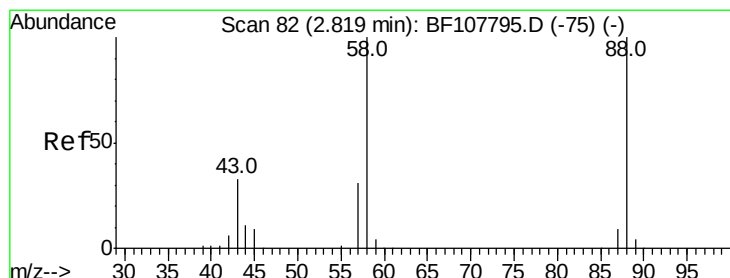
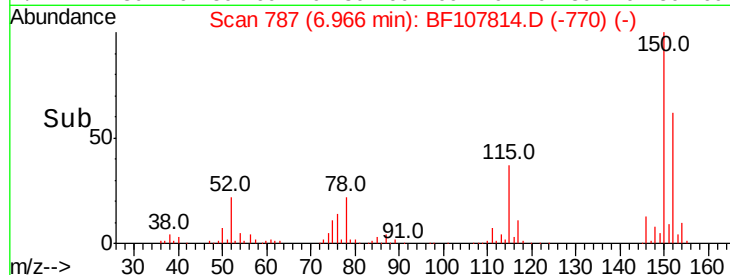
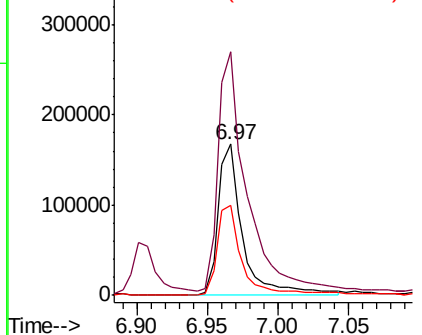


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

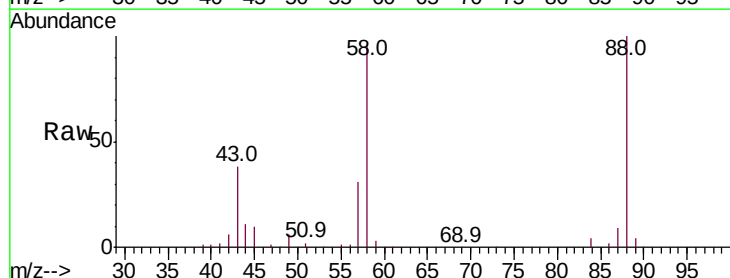
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.981 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.2	62.6	93.8
43	29.8	24.6	37.0

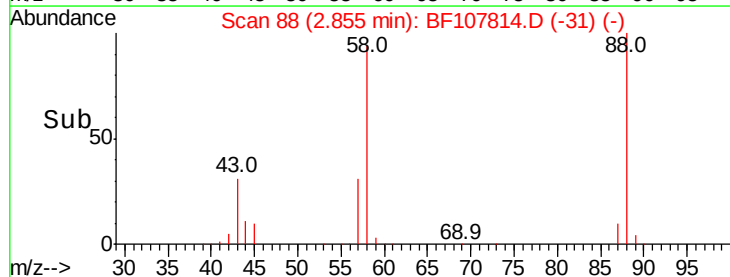
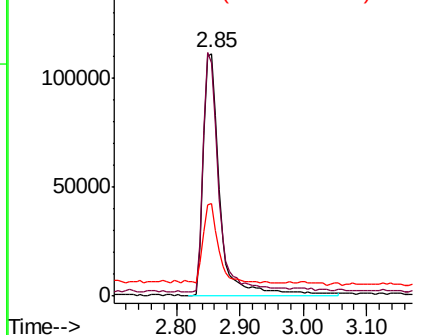


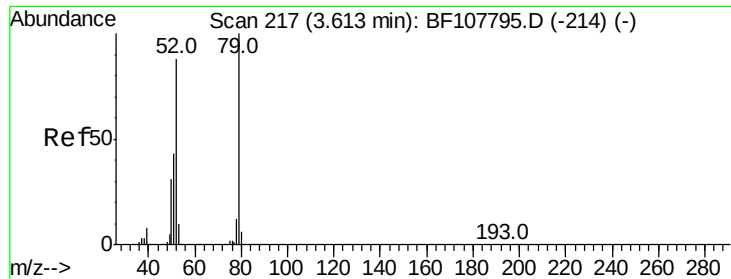
Abundance

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: 37.533 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

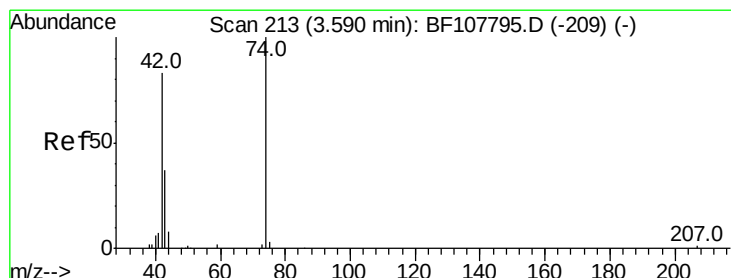
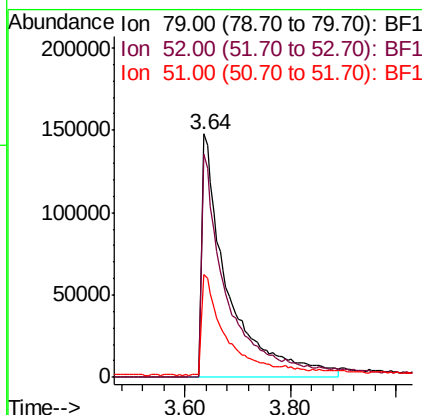
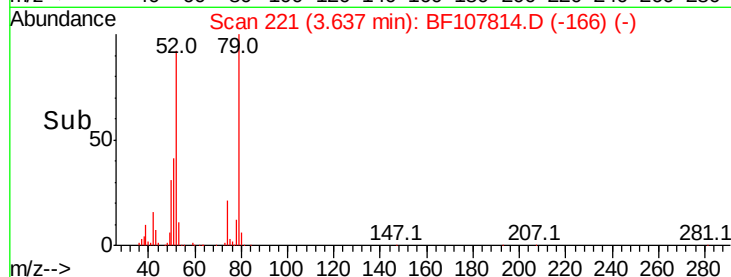
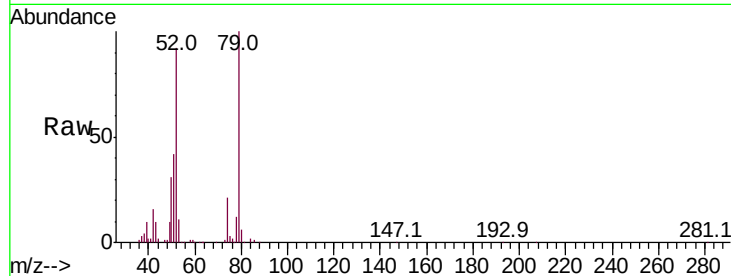
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	79	Resp:	506488
Ion Ratio	Lower	Upper	
79	100		
52	91.7	59.8	89.6#
51	42.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 32.491 ng

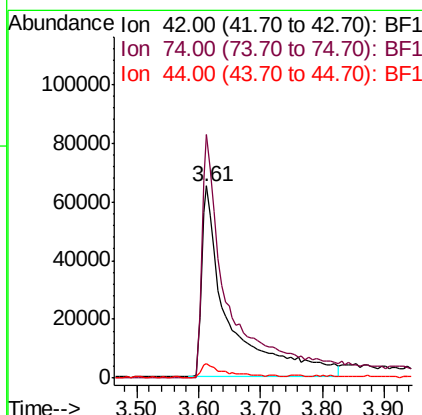
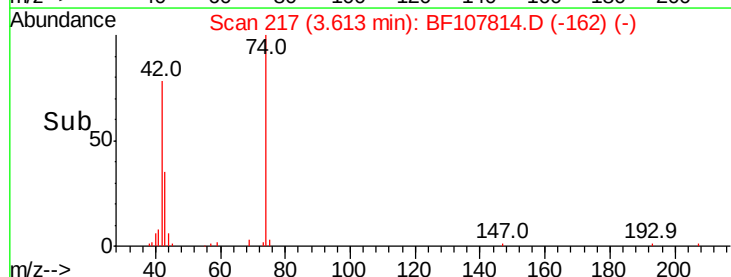
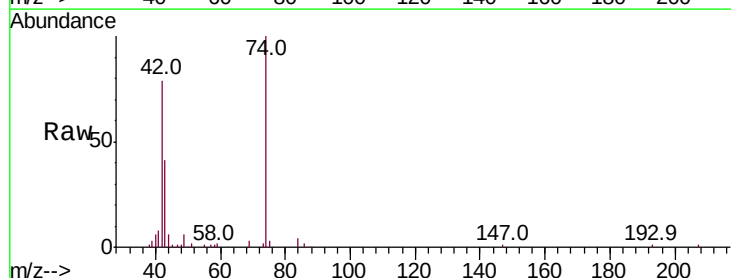
RT: 3.61 min Scan# 217

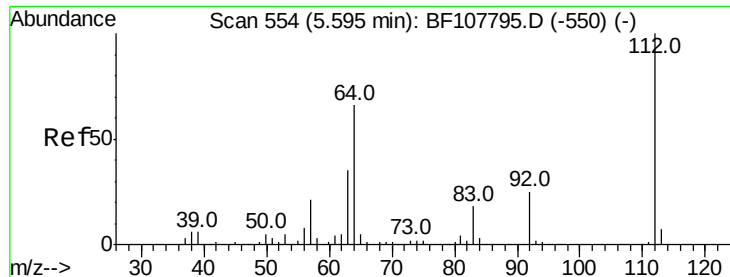
Delta R.T. 0.02 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:	42	Resp:	198331
Ion Ratio	Lower	Upper	
42	100		
74	126.9	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 124.547 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:112 Resp: 1494175

Ion Ratio Lower Upper

112 100

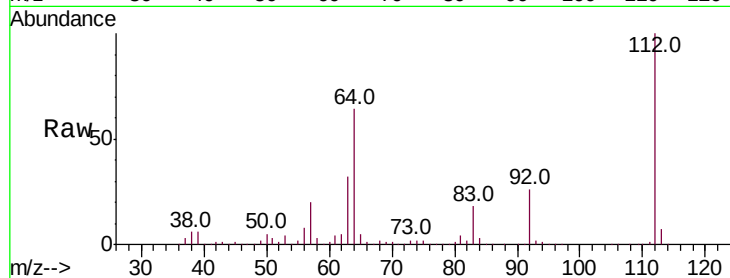
64 64.3 47.9 71.9

63 32.3 23.7 35.5

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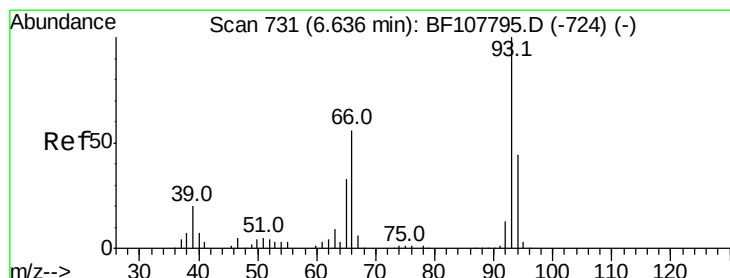
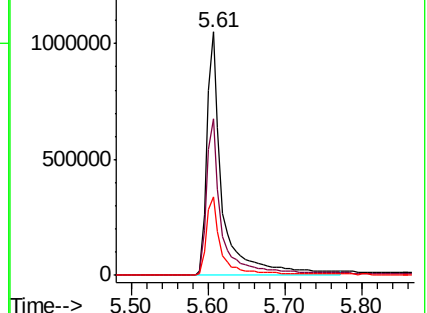
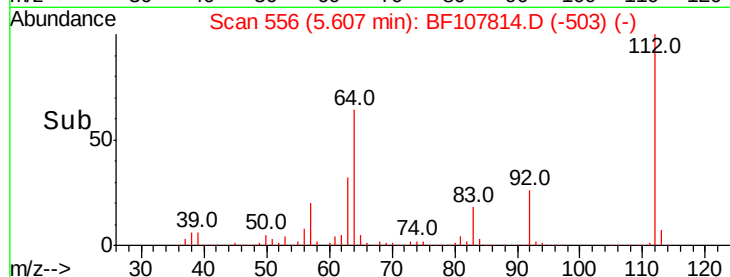
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.642 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

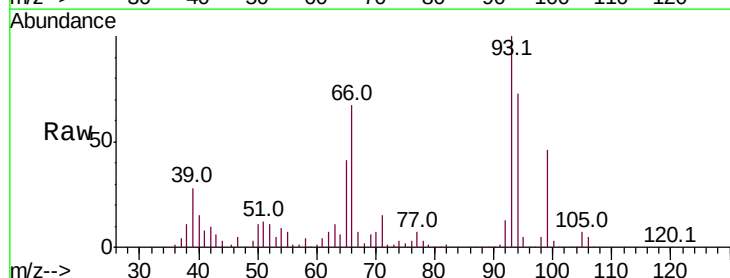
Tgt Ion: 93 Resp: 602594

Ion Ratio Lower Upper

93 100

66 66.7 32.2 48.2#

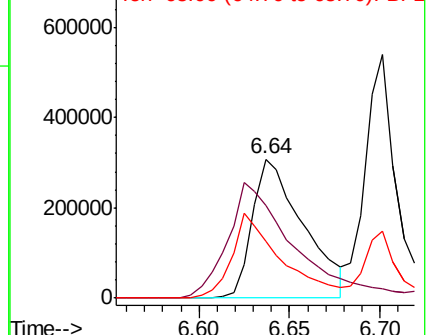
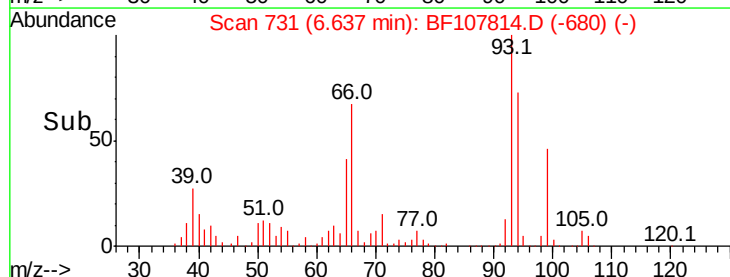
65 40.8 16.4 24.6#

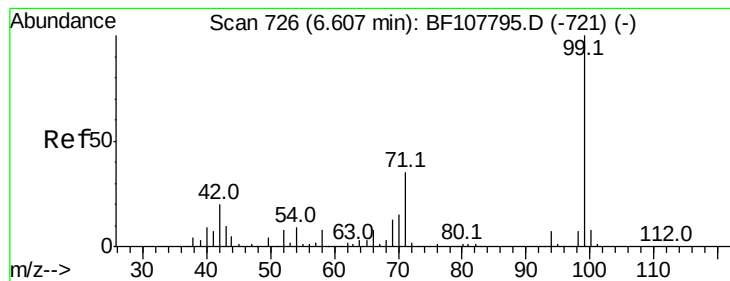


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.684 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 99 Resp: 1844901

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

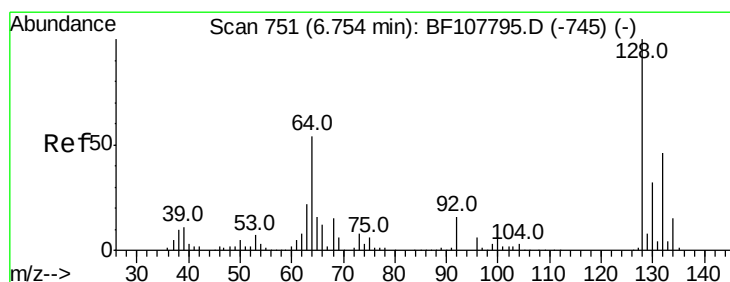
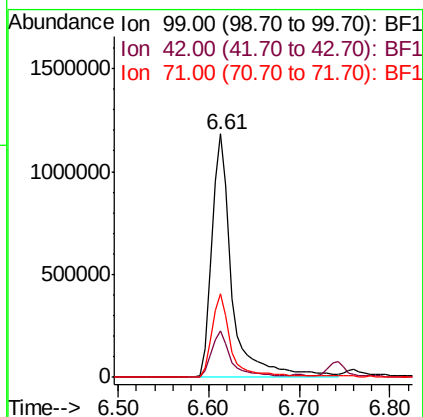
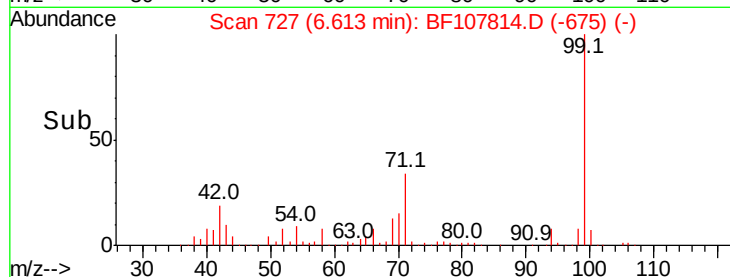
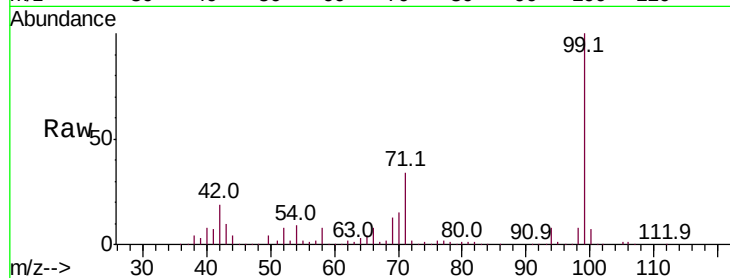
71 34.1 25.4 38.0

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#8

2-Chlorophenol

Concen: 42.899 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

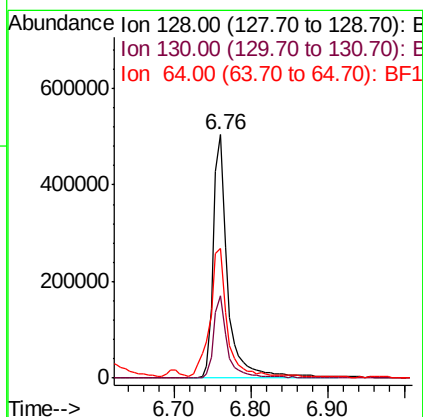
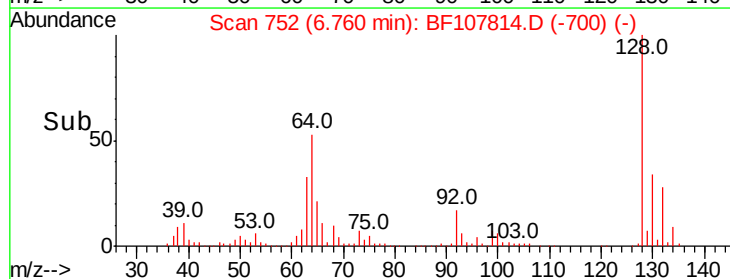
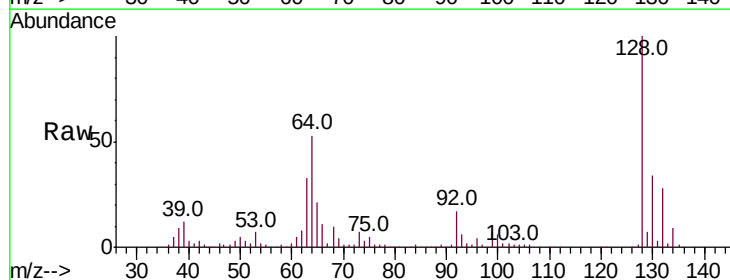
Tgt Ion: 128 Resp: 646467

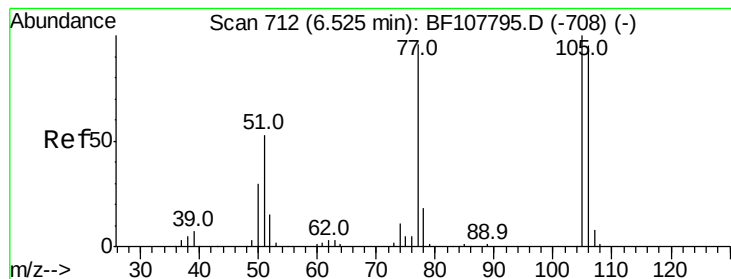
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 53.2 29.4 69.4





#9

Benzaldehyde

Concen: 34.601 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

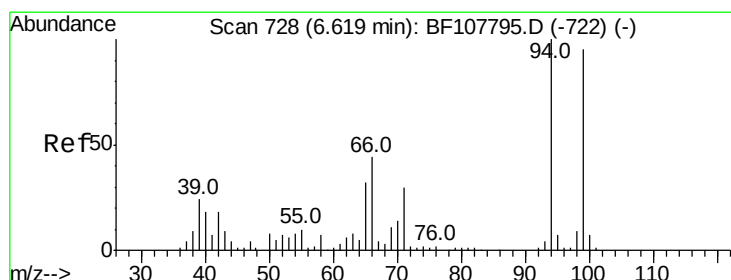
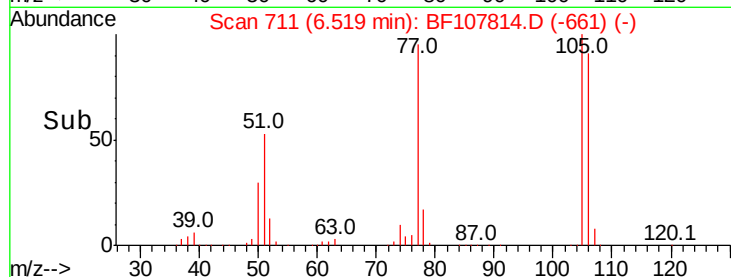
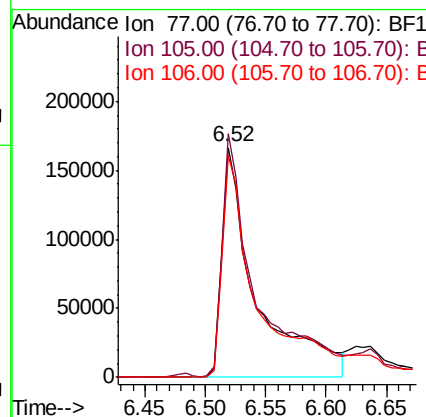
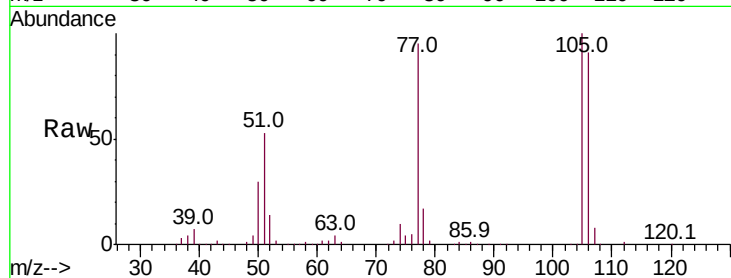
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	77	Resp:	330074
Ion	Ratio	Lower	Upper
77	100		
105	105.8	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.870 ng

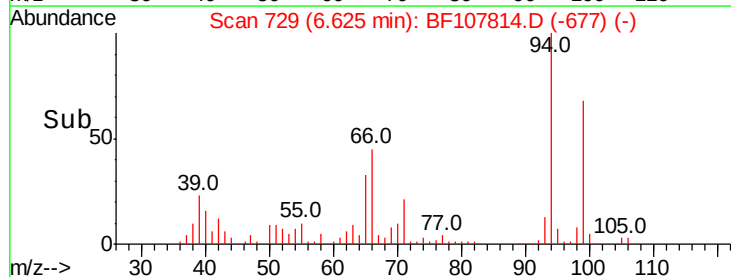
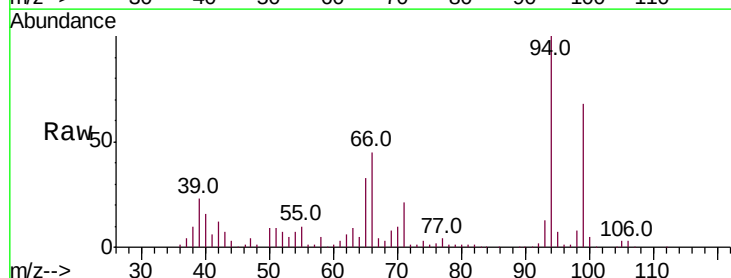
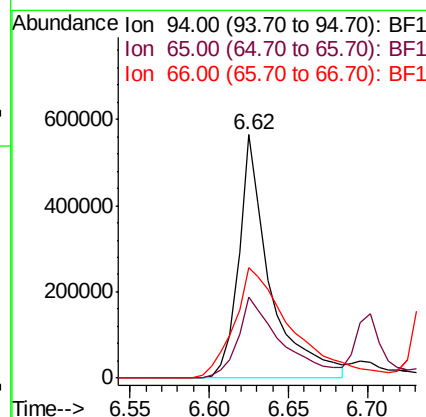
RT: 6.62 min Scan# 729

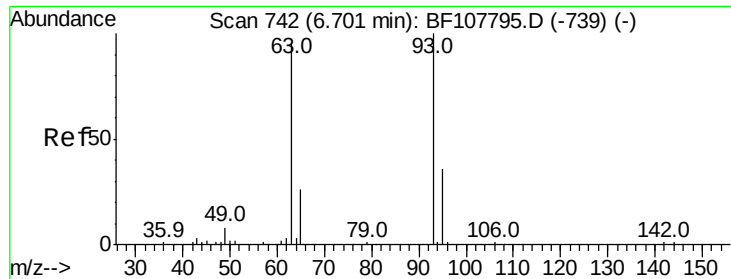
Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:	94	Resp:	770610
Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	45.1	16.2	56.2





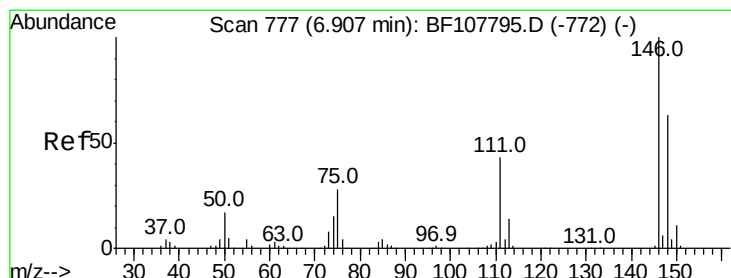
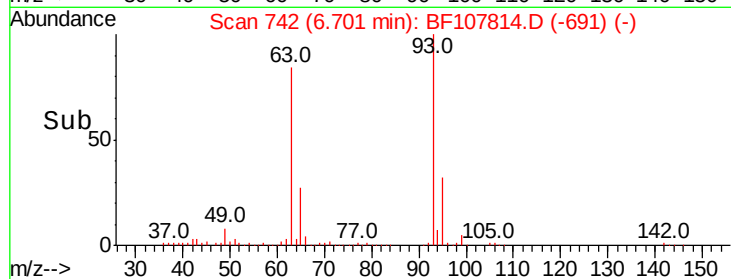
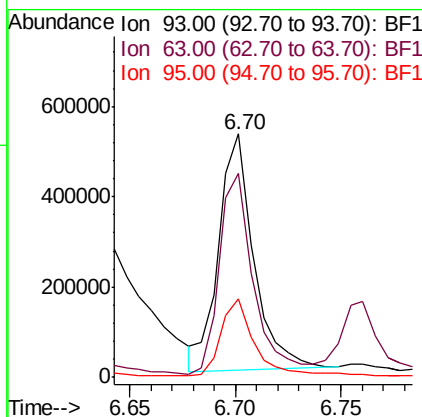
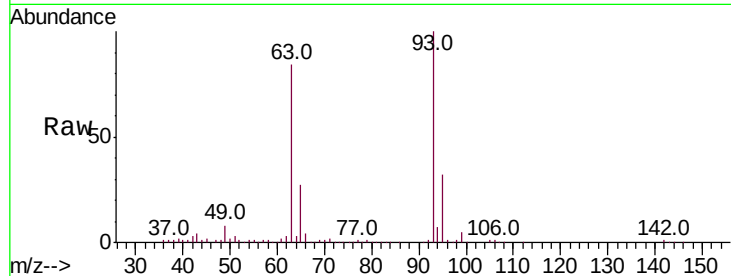
#11
bis(2-Chloroethyl)ether
Concen: 35.878 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	58.6	98.6
95	32.4	11.8	51.8

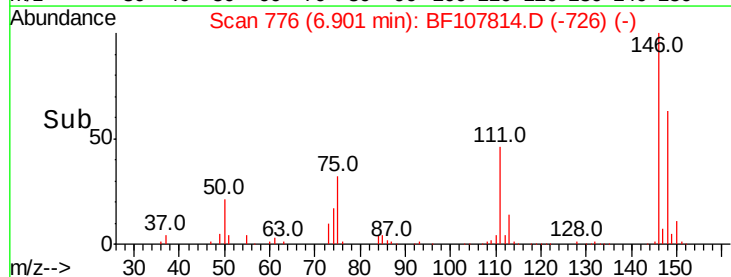
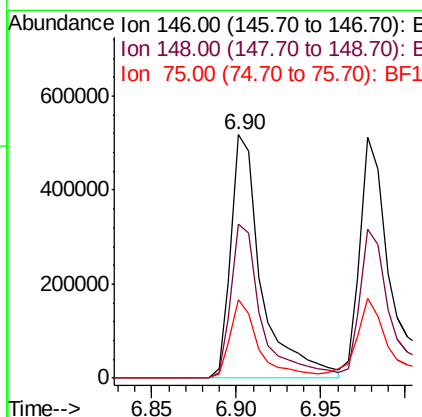
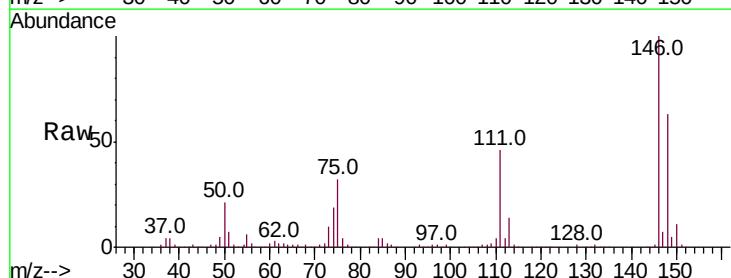
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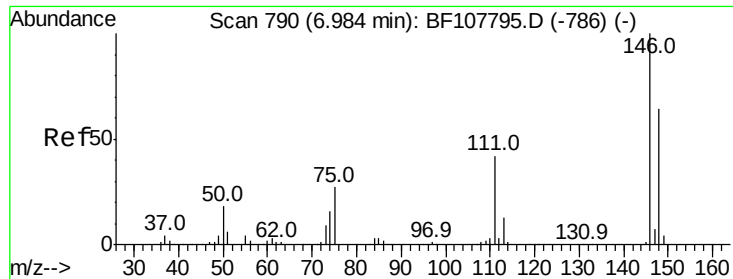
Sohil
7/31/2018 2:42:42 PM



#12
1,3-Dichlorobenzene
Concen: 41.546 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	32.0	24.2	36.4





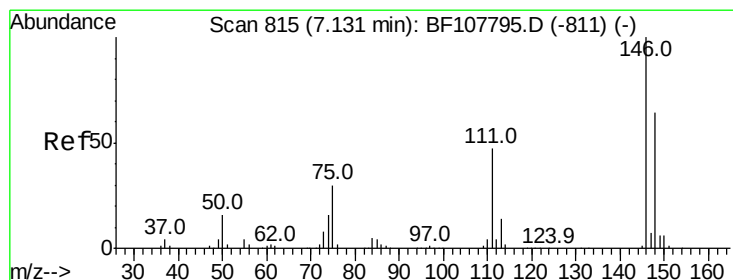
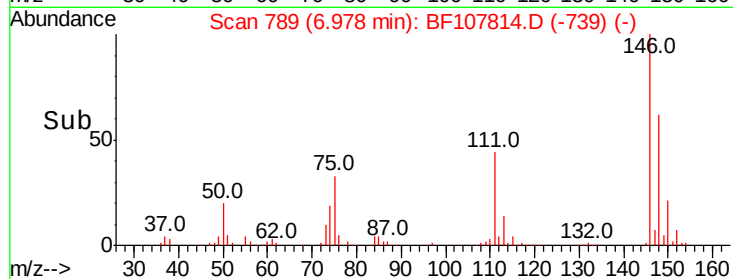
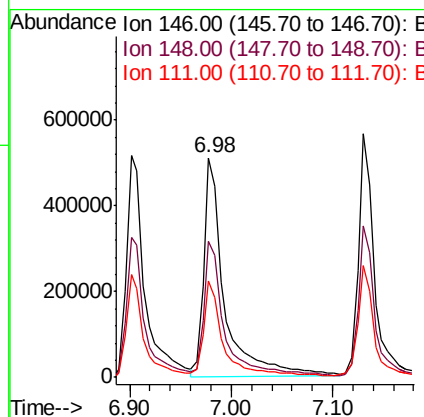
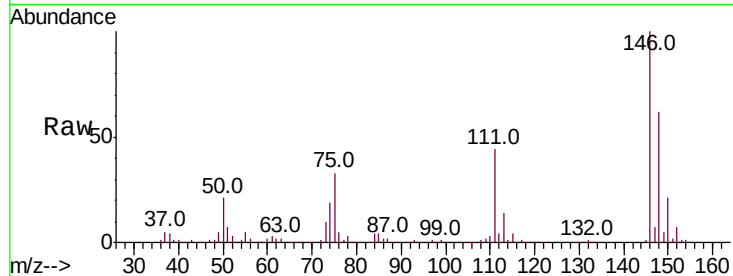
#13
 1,4-Dichlorobenzene
 Concen: 41.603 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.8	76.2
111	44.0	34.2	51.2

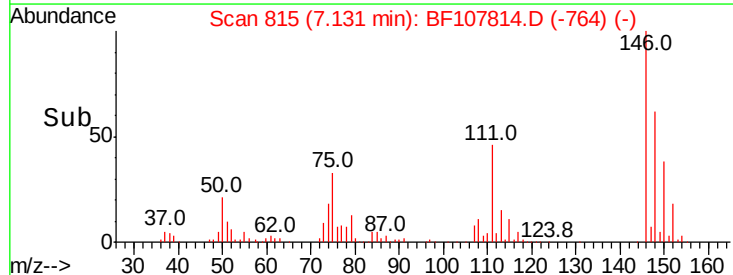
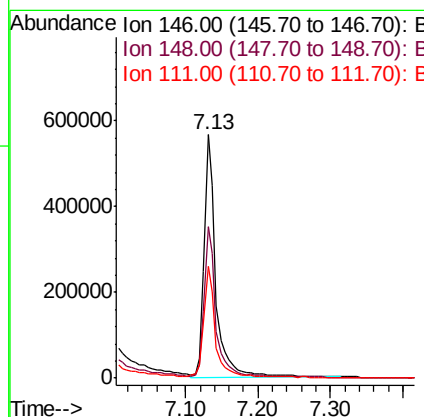
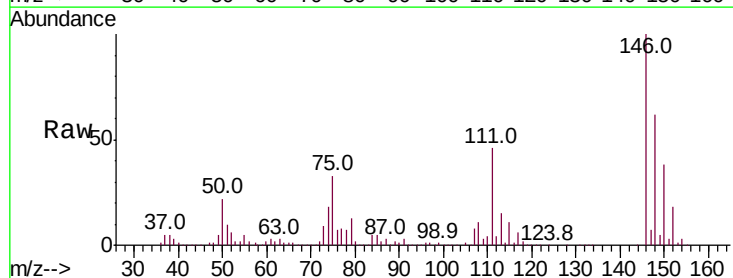
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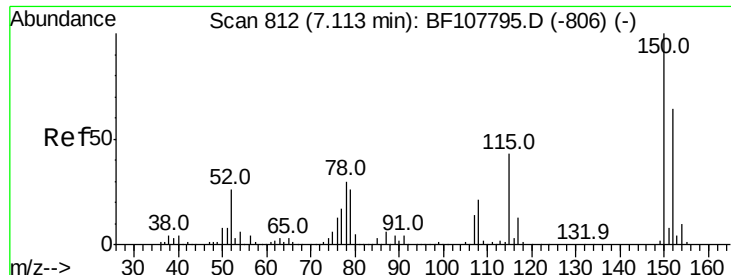
Sohil
 7/31/2018 2:42:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.066 ng
 RT: 7.13 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
111	45.8	36.0	54.0





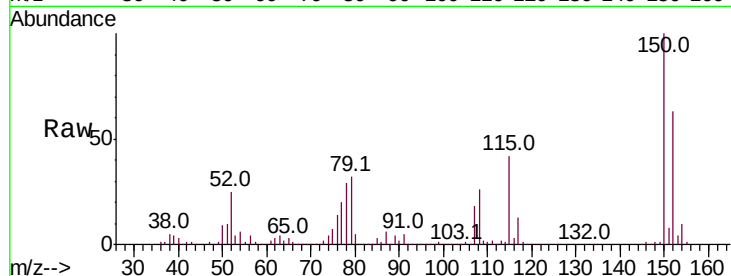
#15
Benzyl Alcohol
Concen: 47.926 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :
SB-6(7-9)MS

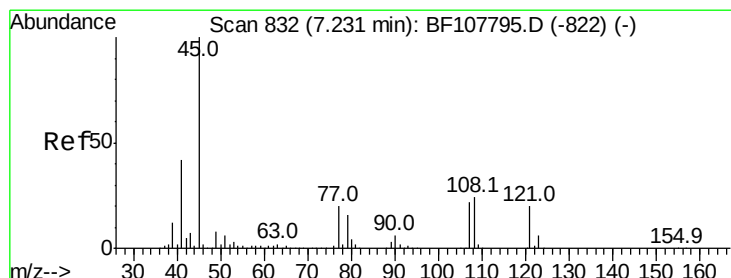
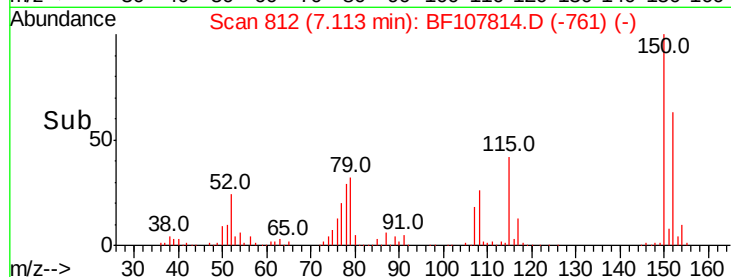
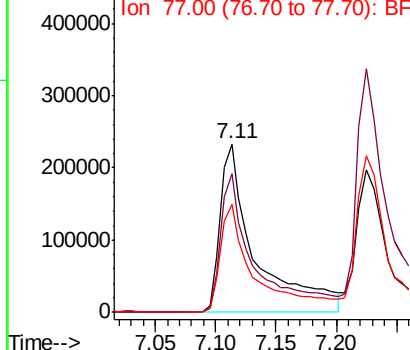
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	65.1	97.7
77	64.1	50.6	75.8

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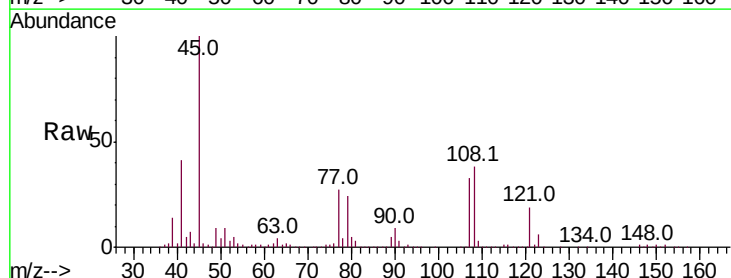


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

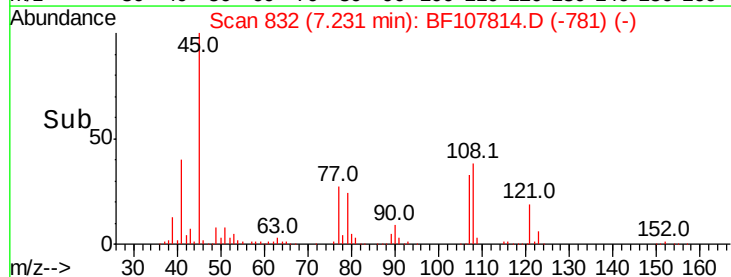
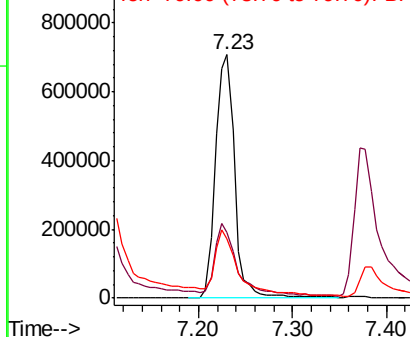


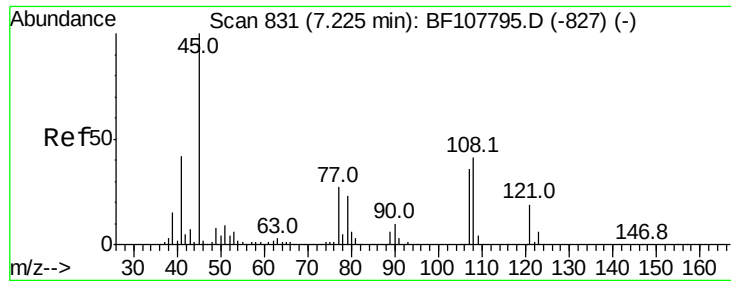
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.250 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.9	0.0	32.9
79	24.2	0.0	29.6



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





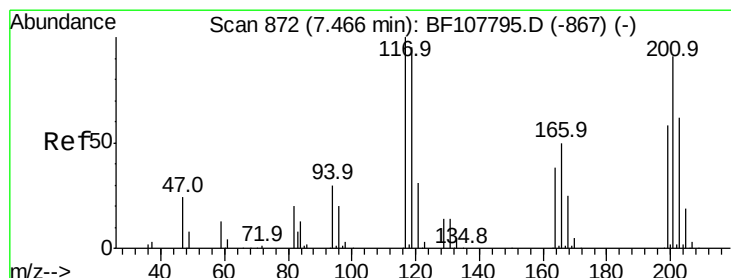
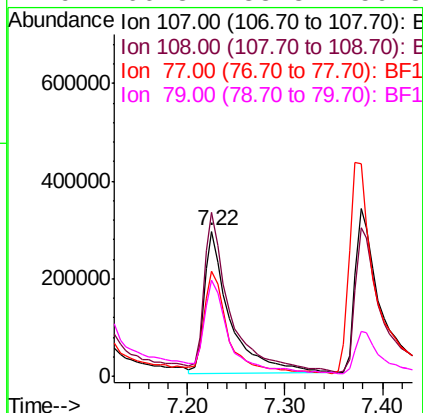
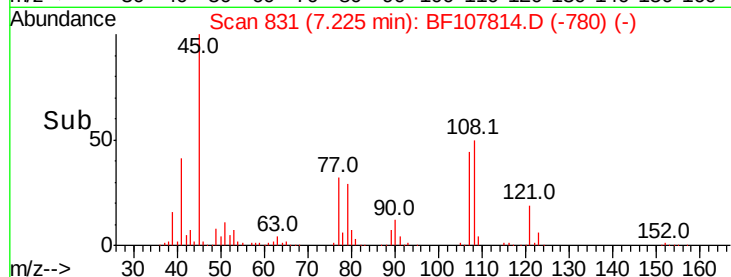
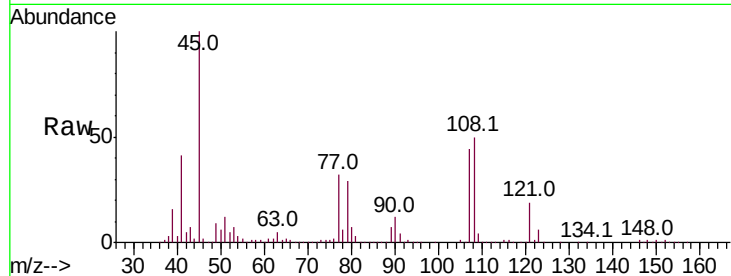
#17
2-Methylphenol
Concen: 48.143 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	72.7	33.8	50.8#	
79	66.3	33.8	50.8#	

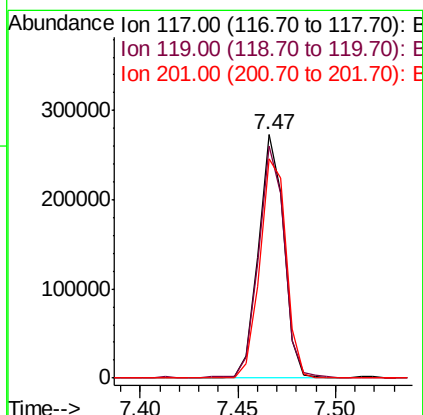
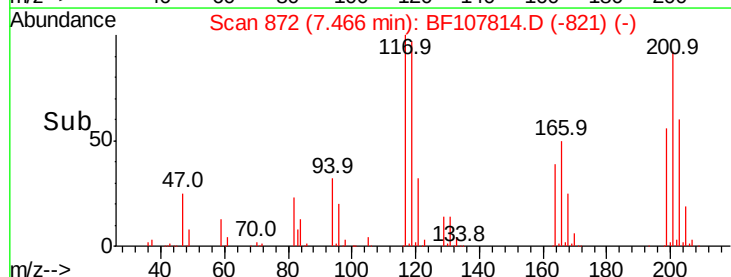
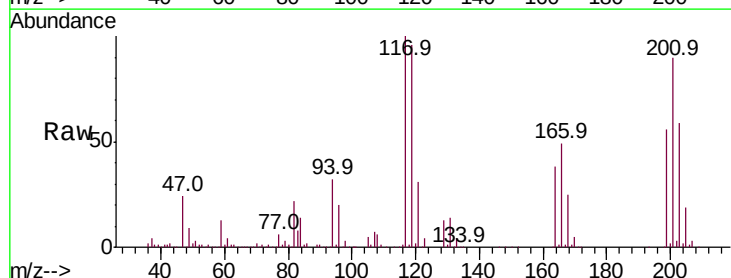
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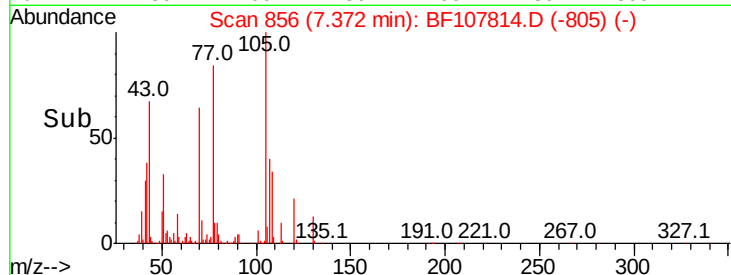
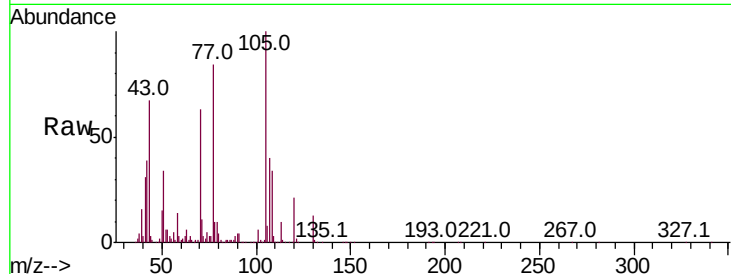
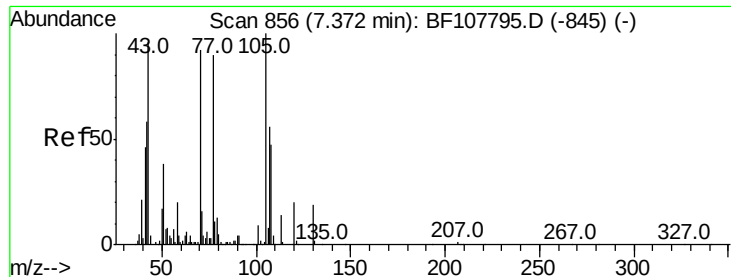
Sohil
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#18
Hexachloroethane
Concen: 38.563 ng
RT: 7.47 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.8	113.8	
201	90.2	75.7	113.5	





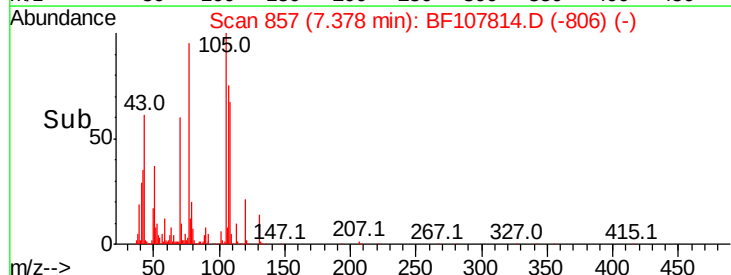
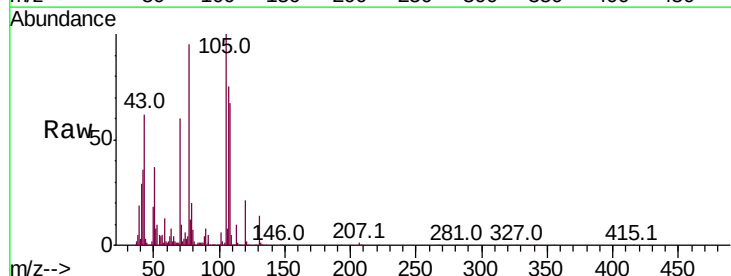
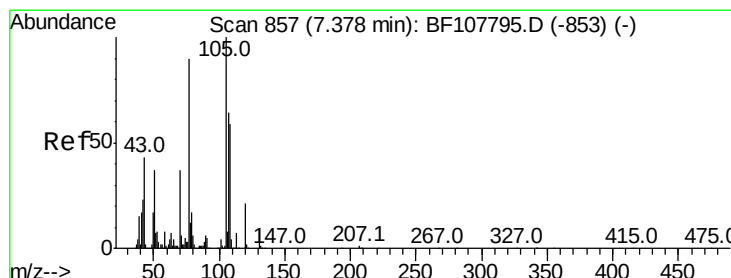
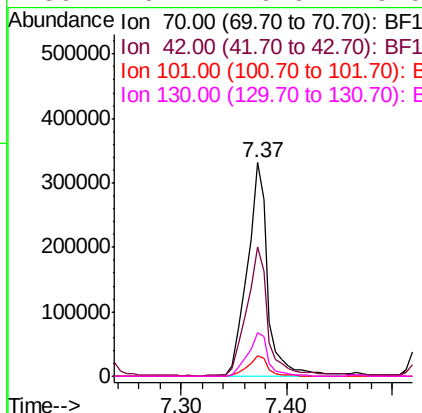
#19
n-Nitroso-di-n-propylamine
Concen: 44.739 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.5	71.3
101	9.4	7.4	11.2
130	20.1	16.6	25.0

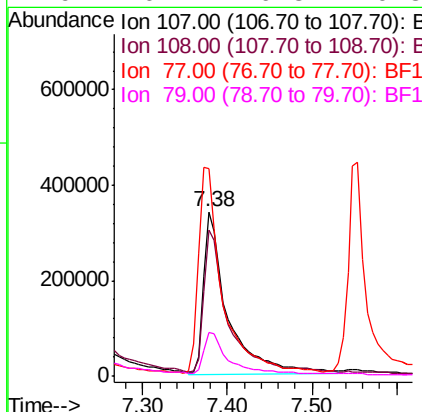
Manual Integrations
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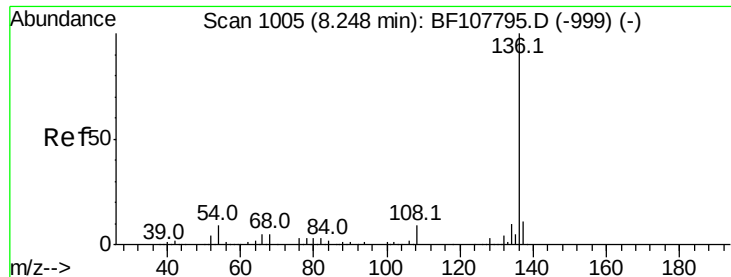
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#20
3+4-Methylphenols
Concen: 50.084 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	126.4	26.7	66.7#
79	26.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

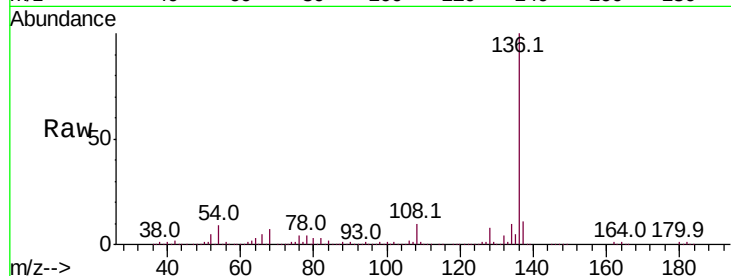
ClientSampleId :

SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	830227		
137	10.5		8.9	13.3
54	9.4		6.6	9.8
68	6.5		5.0	7.4

Manual Integrations
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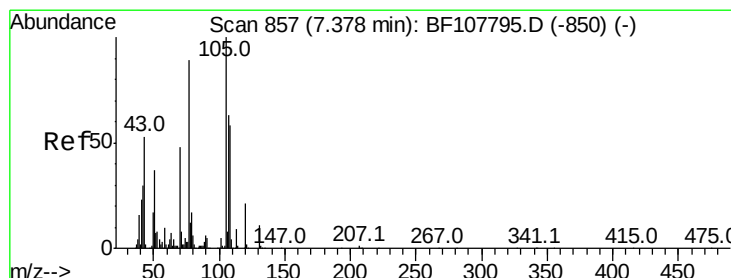
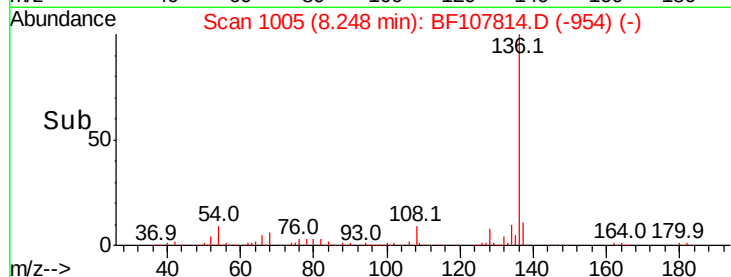
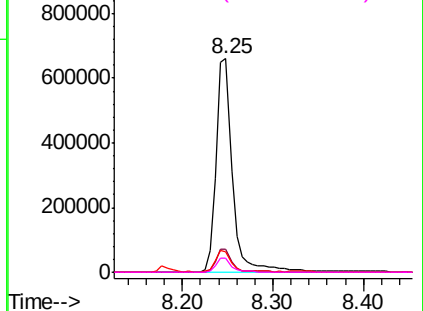
Abundance

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: 46.869 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	936172		
71	10.8		4.4	6.6#
51	33.6		22.3	33.5#
120	20.5		16.9	25.3

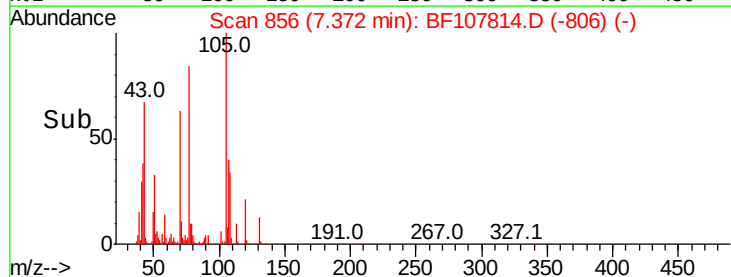
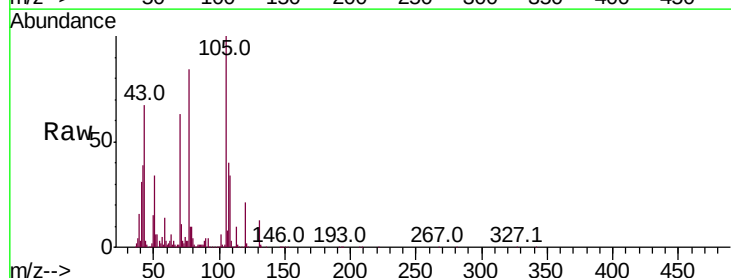
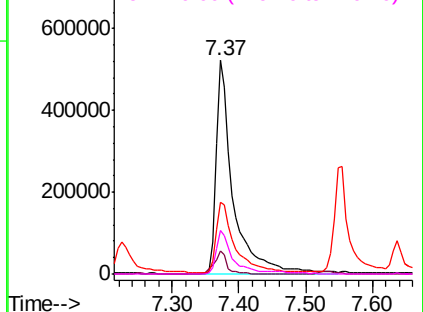
Abundance

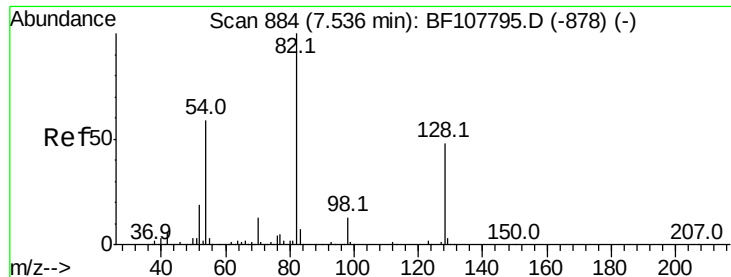
Ion 105.00 (104.70 to 105.70): E

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: 87.067 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

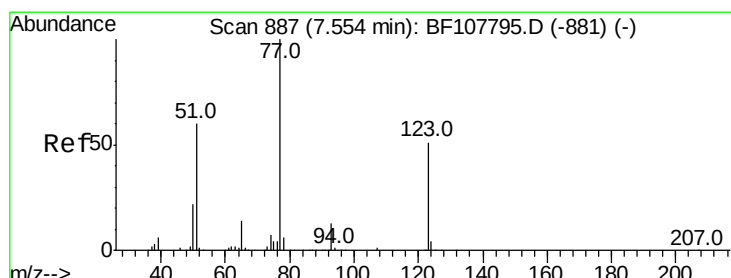
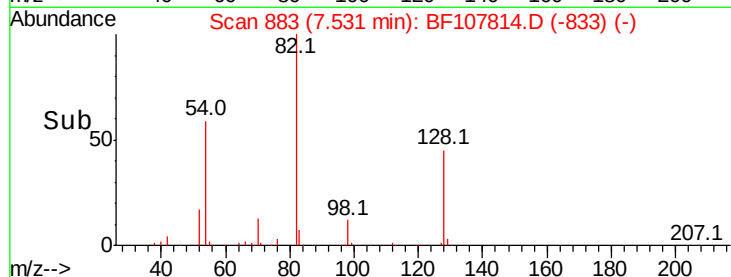
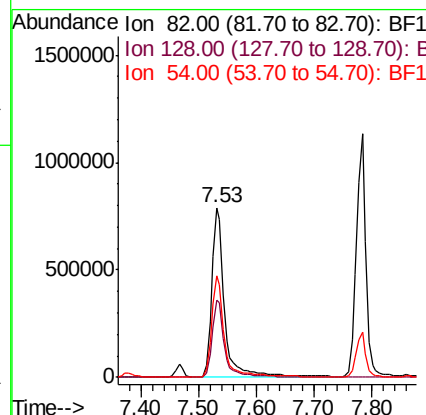
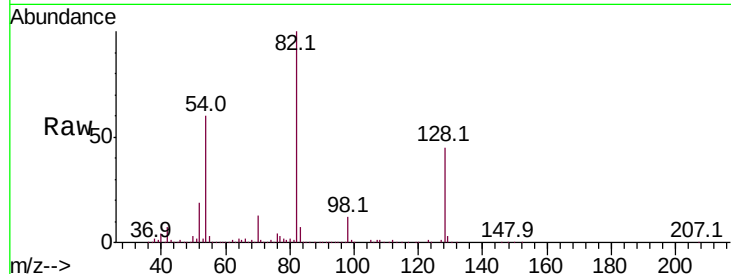
Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion: 82 Resp: 1254734

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	59.9	41.4	62.2

Manual Integrations
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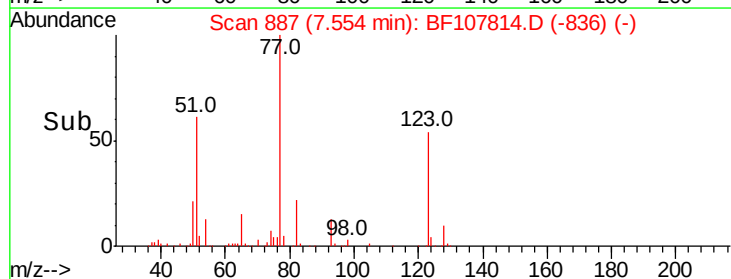
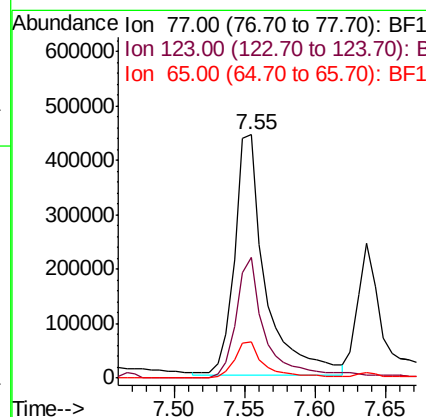
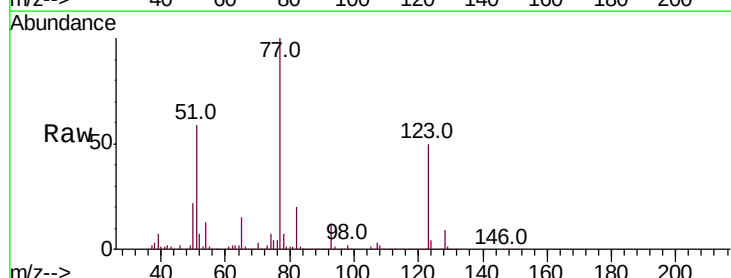
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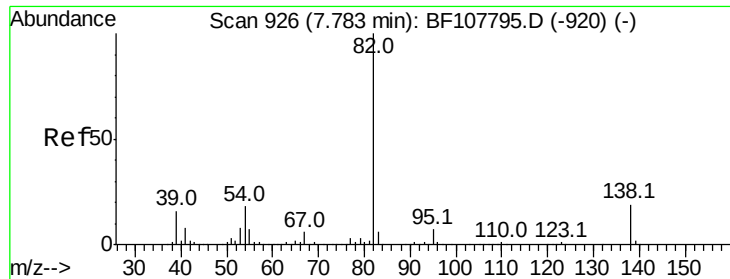


#24
 Nitrobenzene
 Concen: 44.757 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion: 77 Resp: 676324

Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 54.285 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

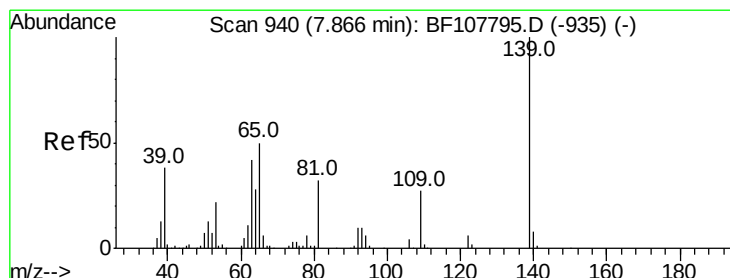
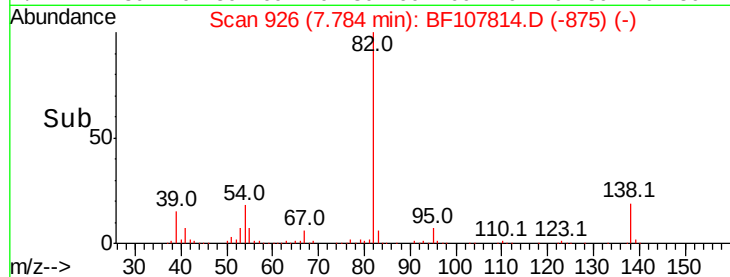
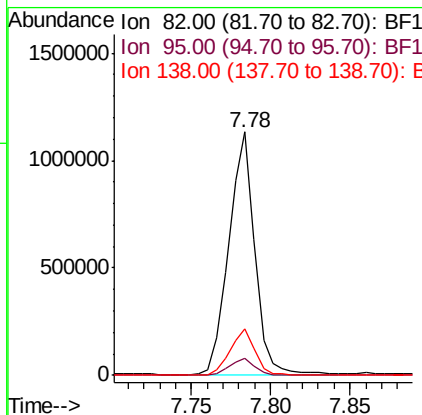
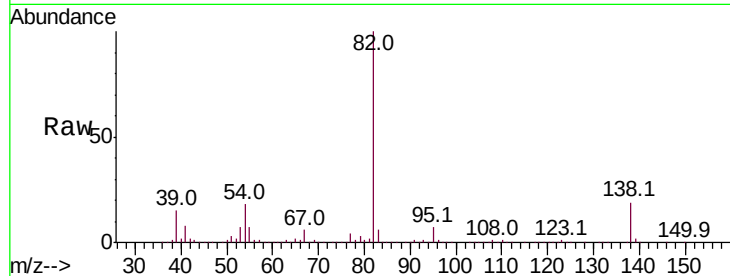
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	82	Resp:	1284151
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	19.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.962 ng

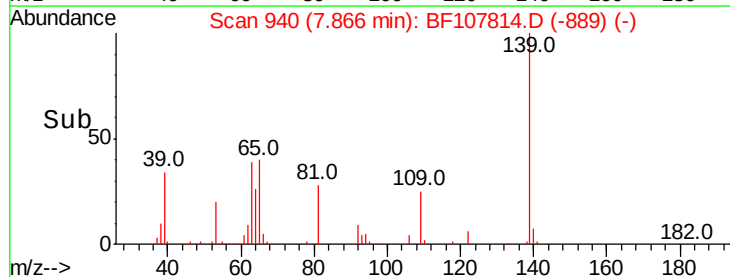
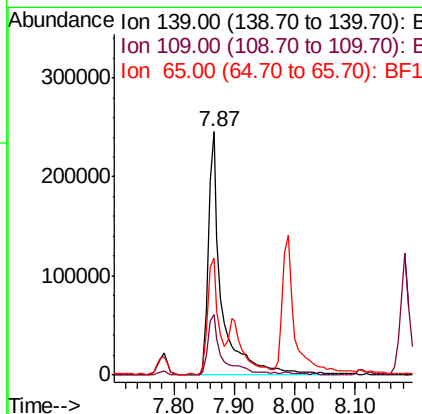
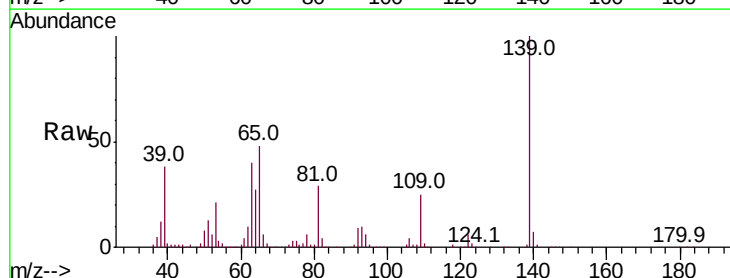
RT: 7.87 min Scan# 940

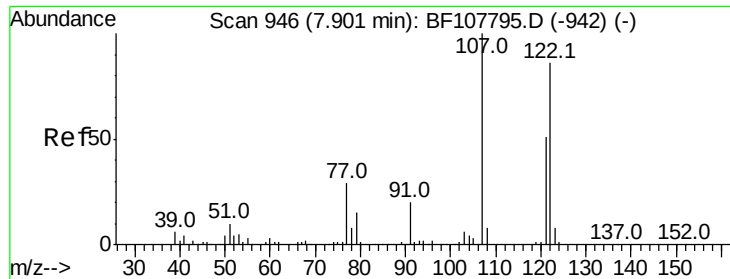
Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:	139	Resp:	378901
Ion	Ratio	Lower	Upper
139	100		
109	25.1	22.7	34.1
65	48.3	40.5	60.7





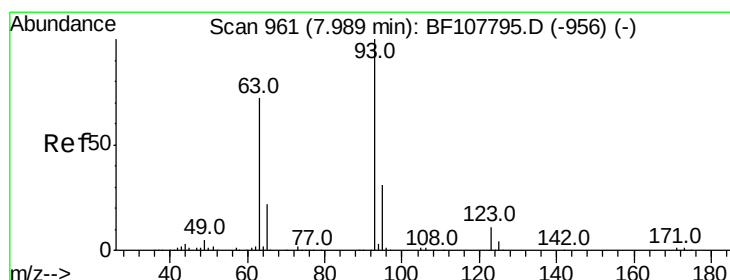
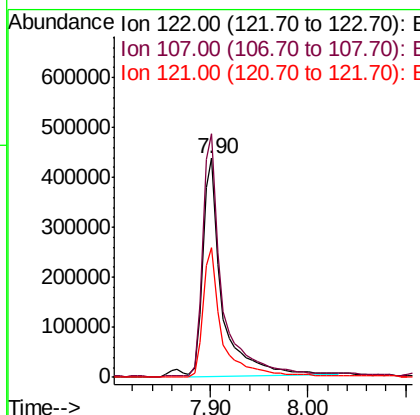
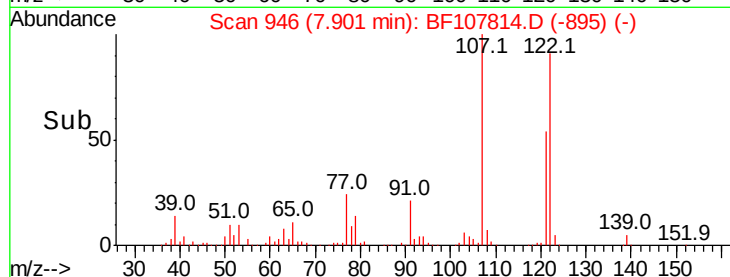
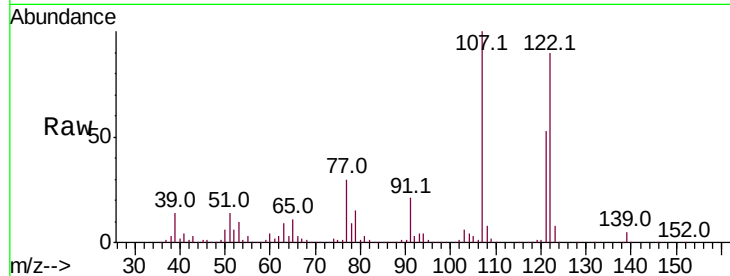
#27
2,4-Dimethylphenol
Concen: 58.176 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	59.1	47.2	70.8

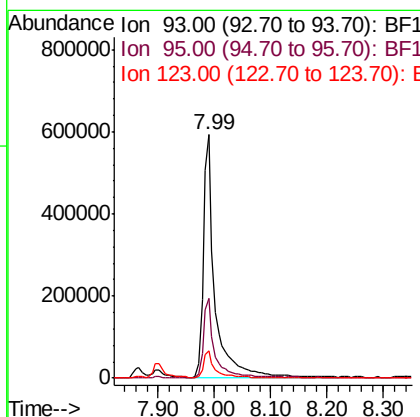
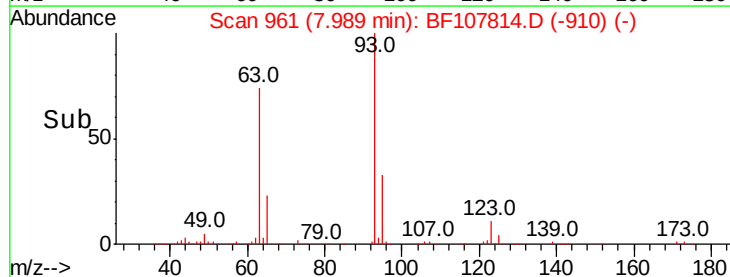
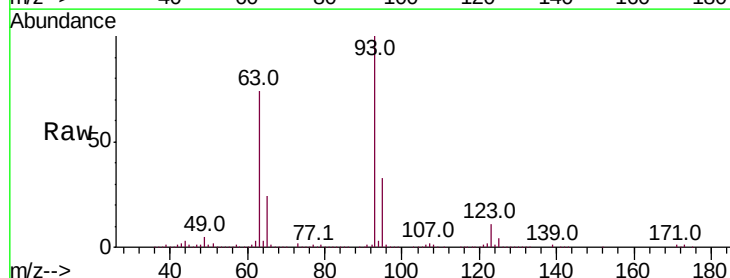
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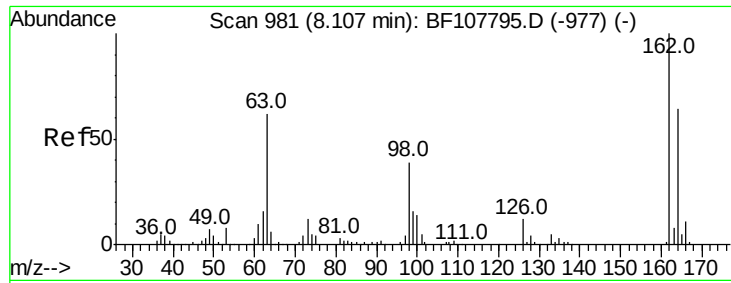
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#28
bis(2-Chloroethoxy)methane
Concen: 54.370 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.8	14.6





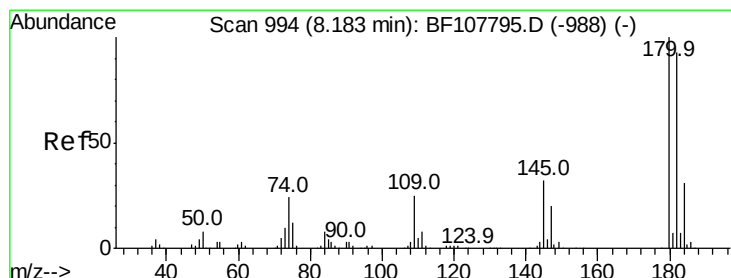
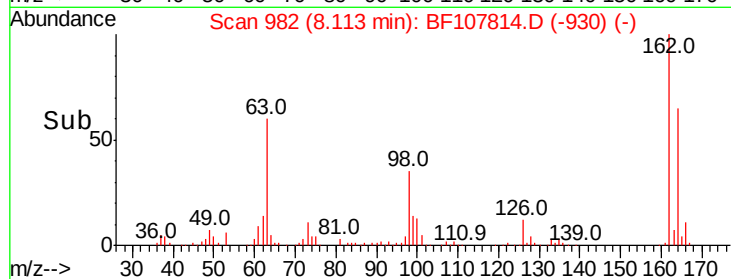
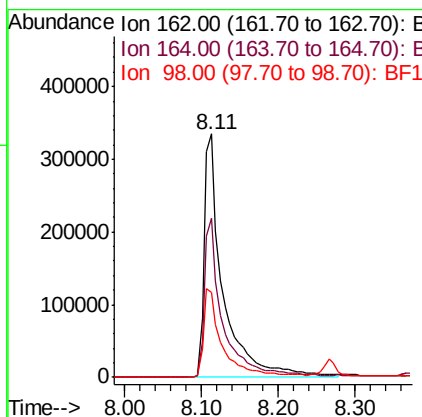
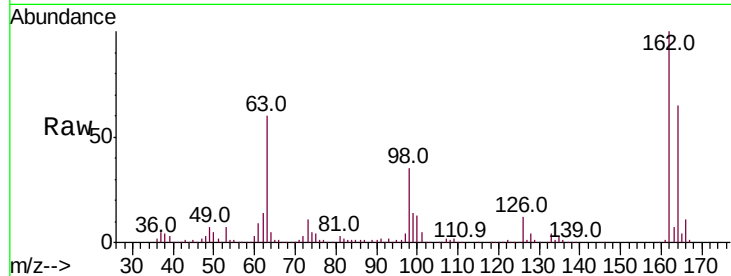
#29
 2,4-Dichlorophenol
 Concen: 49.608 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	569732		
164	65.3	42.7	82.7	
98	35.1	18.1	58.1	

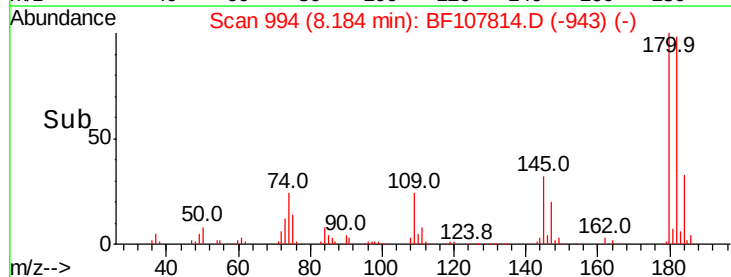
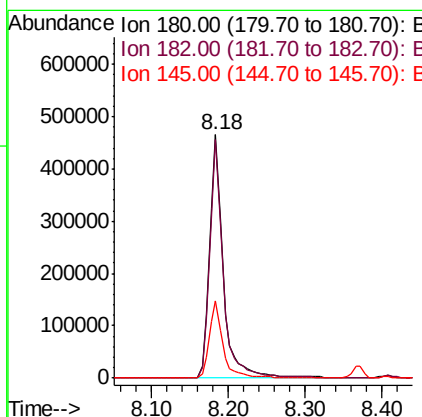
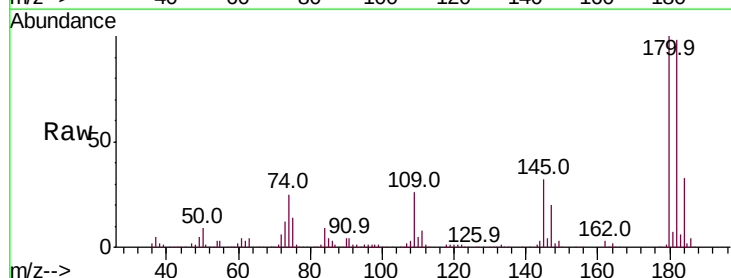
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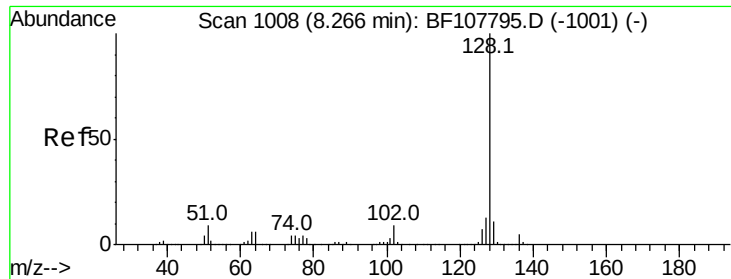
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.626 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	571590		
182	97.7	76.8	115.2	
145	31.6	26.5	39.7	





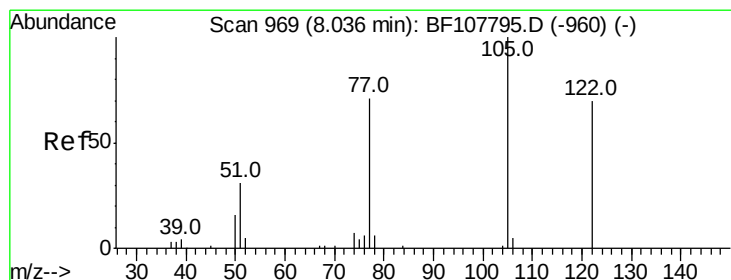
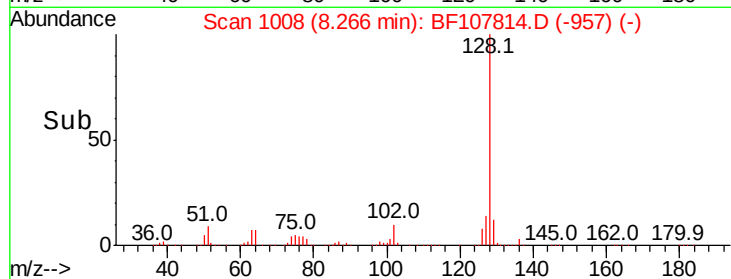
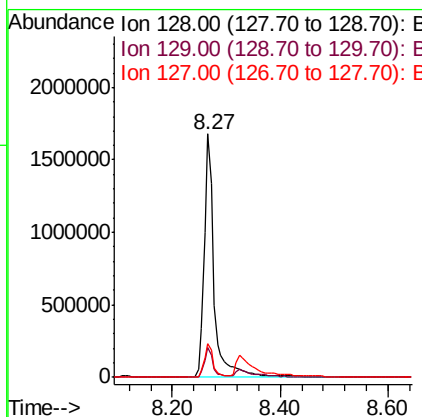
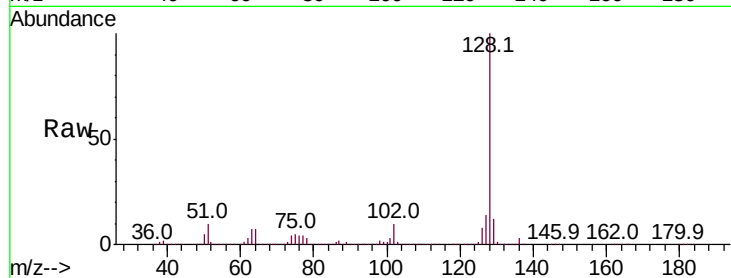
#31
Naphthalene
Concen: 55.880 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion:128 Resp: 2156545
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.0 10.9 16.3

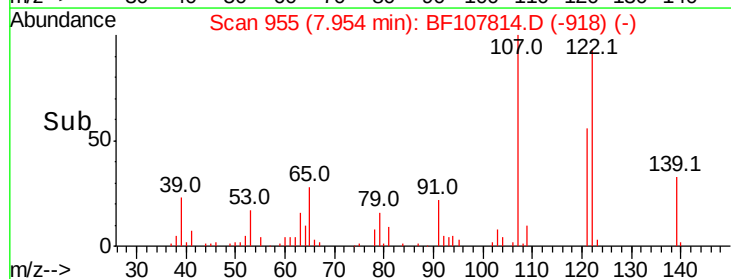
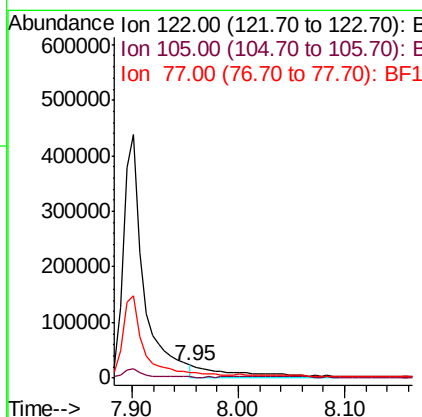
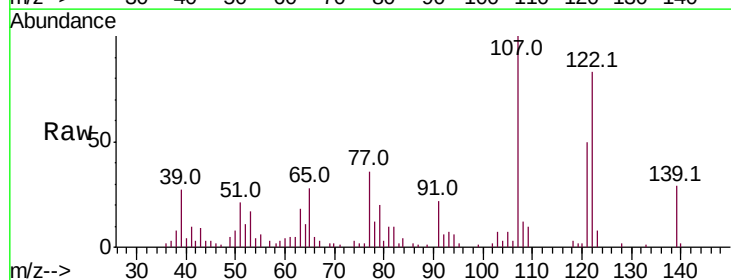
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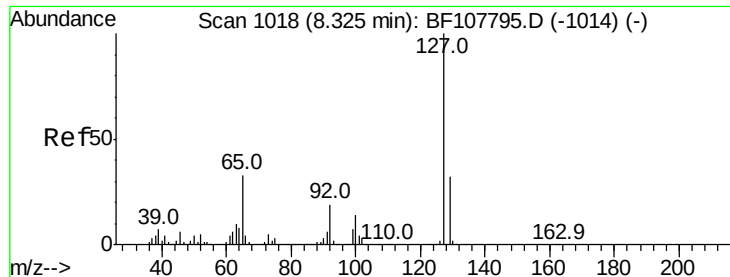
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#32
Benzoic acid
Concen: 10.453 ng m
RT: 7.95 min Scan# 955
Delta R.T. -0.08 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:122 Resp: 63418
Ion Ratio Lower Upper
122 100
105 8.6 101.1 141.1#
77 42.9 70.7 110.7#





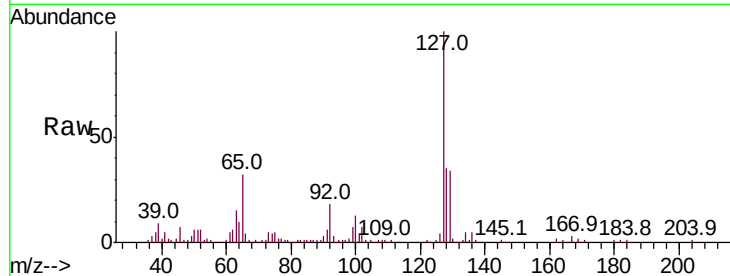
#33
4-Chloroaniline
Concen: 23.886 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	25.9	38.9		
65	32.1	25.0	37.4		
92	17.9	15.2	22.8		

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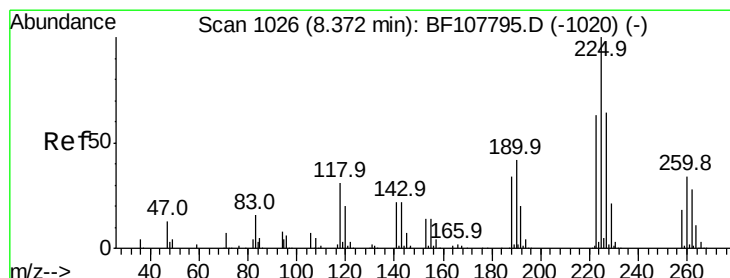
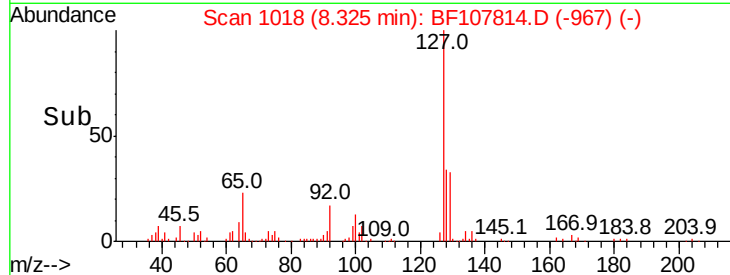
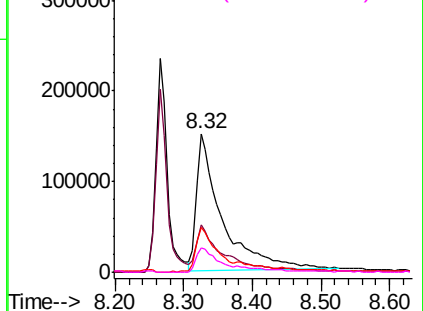
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.745 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

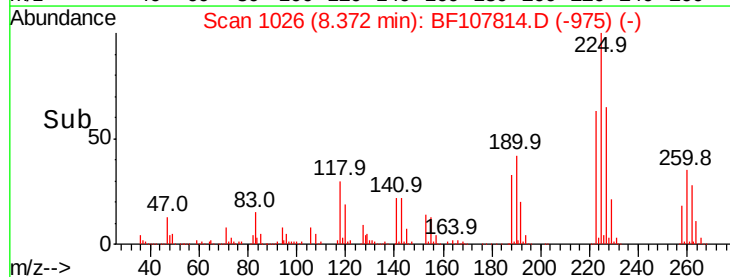
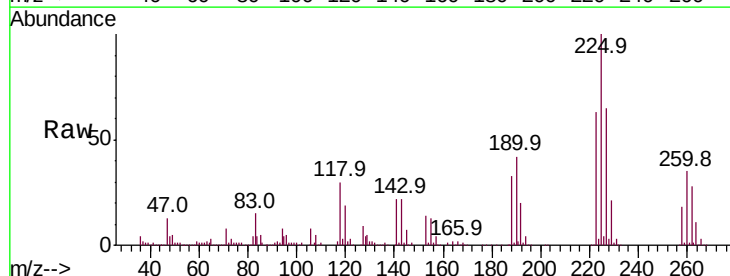
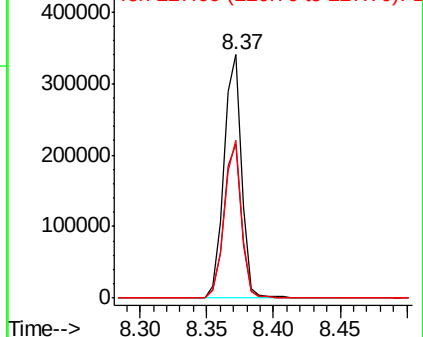
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.8	51.9	77.9		

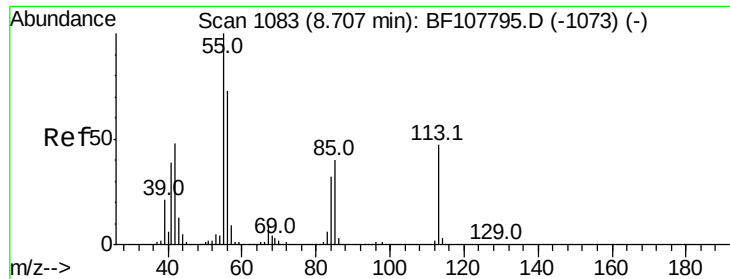
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.465 ng/ml

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:113 Resp: 174477

Ion Ratio Lower Upper

113 100

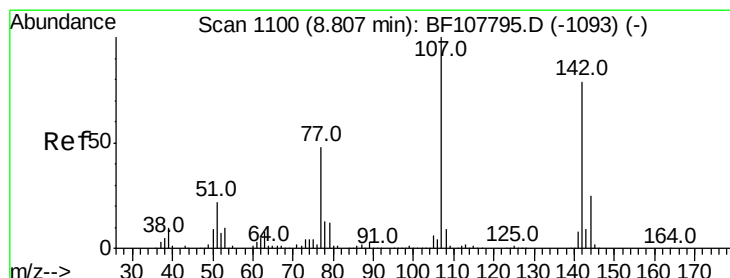
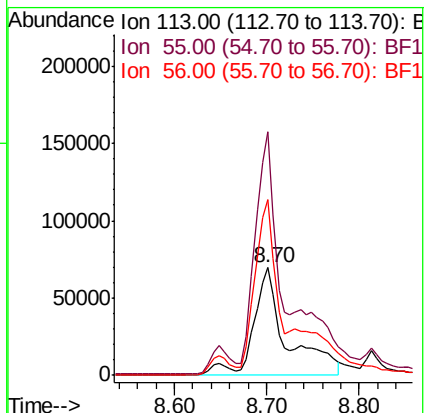
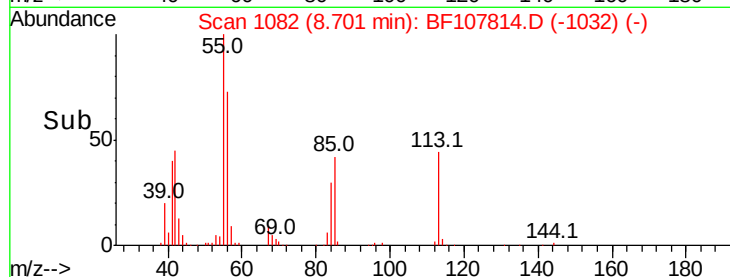
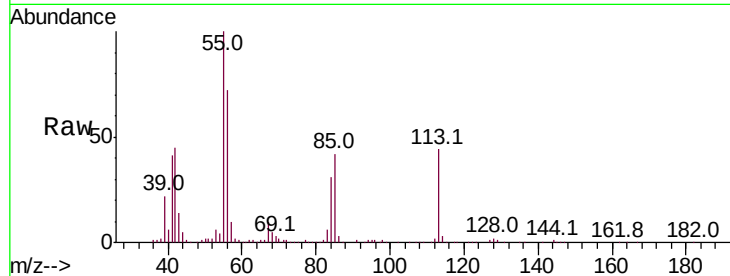
55 226.6 163.3 203.3#

56 164.2 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 50.171 ng/ml

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

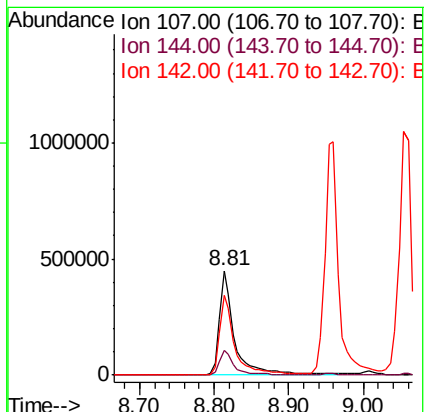
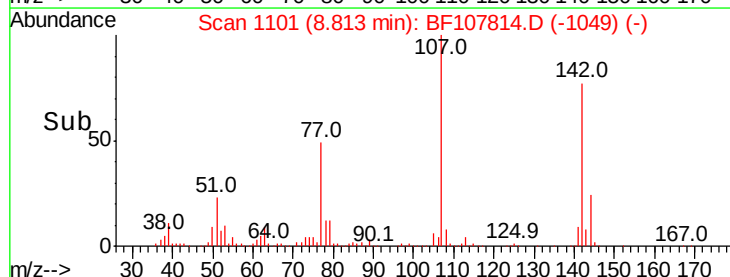
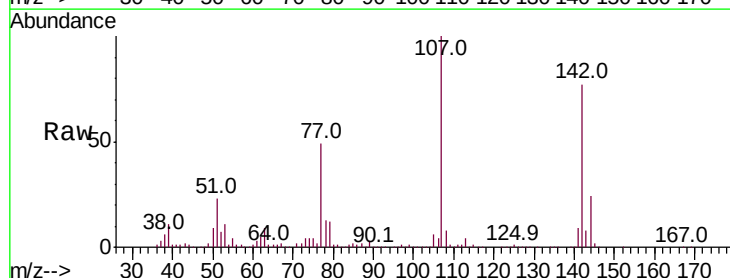
Tgt Ion:107 Resp: 625781

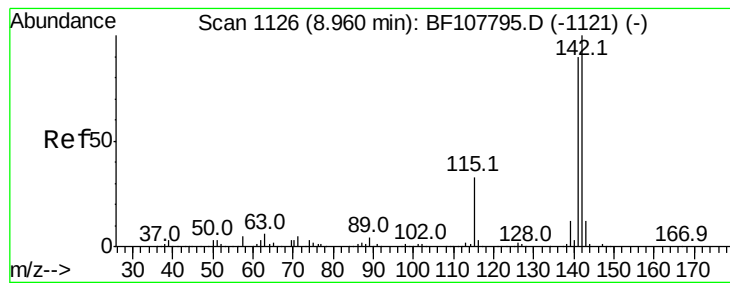
Ion Ratio Lower Upper

107 100

144 23.8 20.5 30.7

142 76.6 62.0 93.0





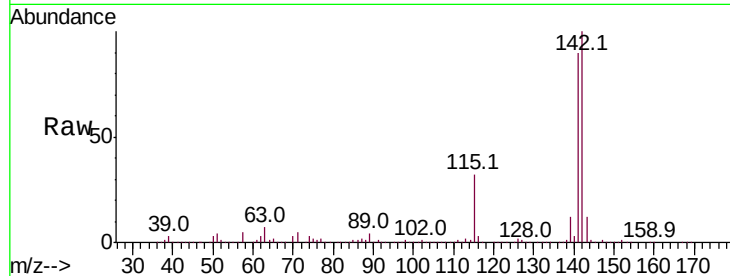
#37
2-Methylnaphthalene
Concen: 53.575 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.8	26.1	39.1

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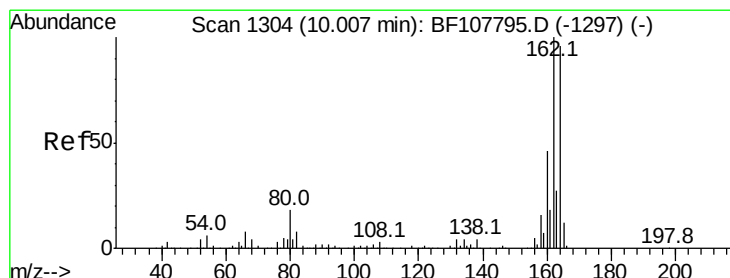
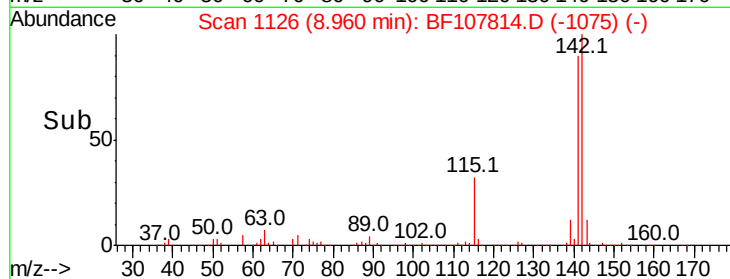
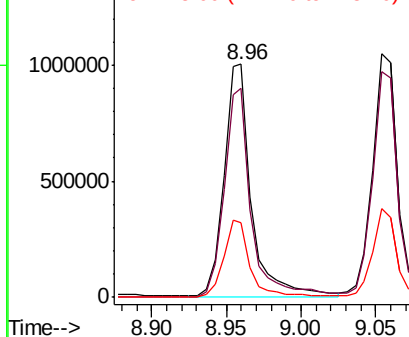


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

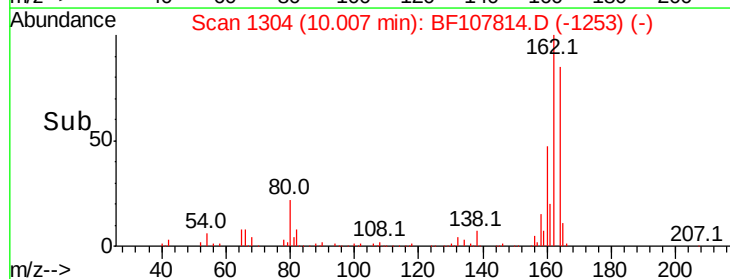
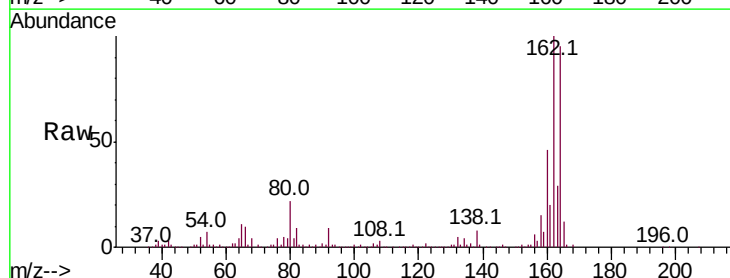
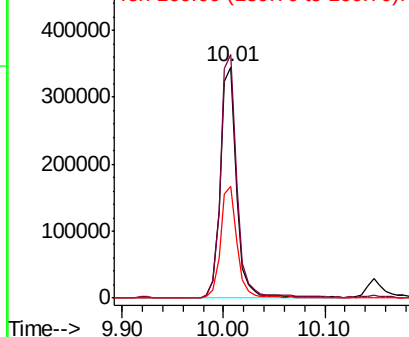
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.6	38.3	57.5

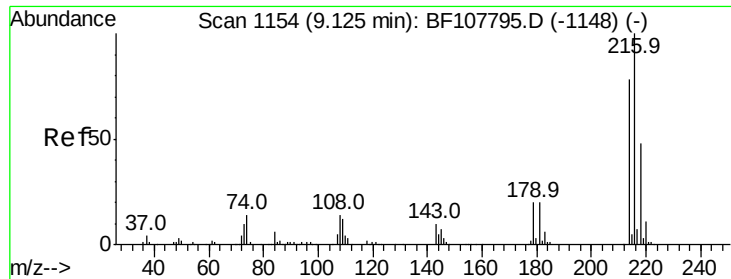
Abundance

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





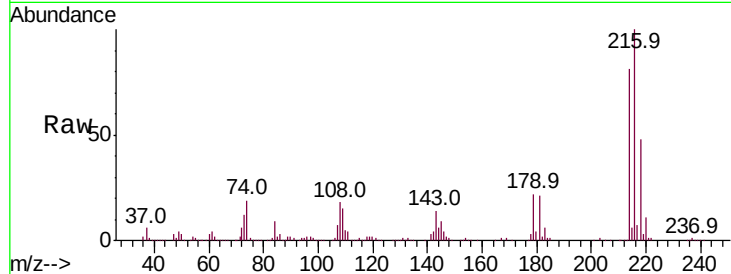
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.705 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

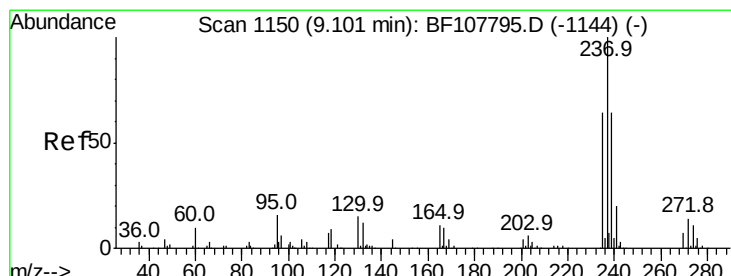
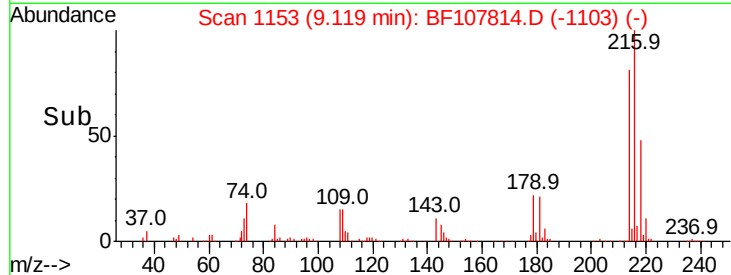
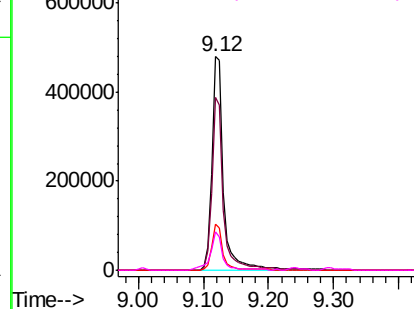
Tot Ion	Ratio	Resp	Lower	Upper
216	100	597960		
214	79.4	63.0	94.4	
179	20.9	18.1	27.1	
108	17.7	17.2	25.8	

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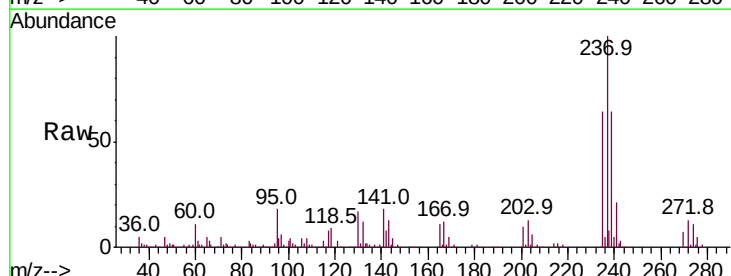


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

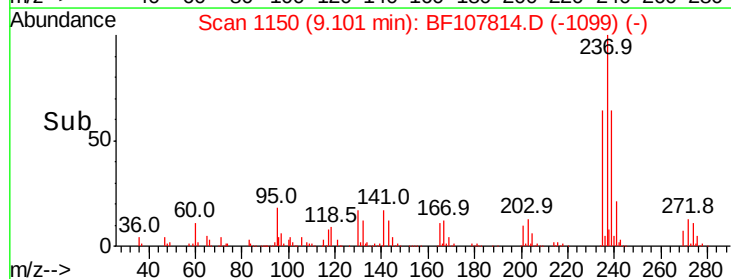
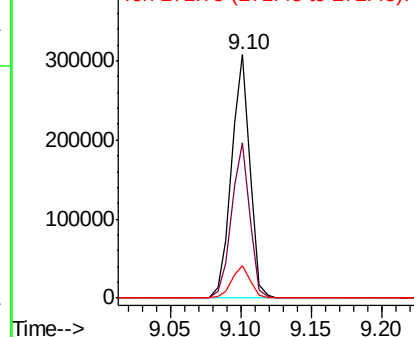


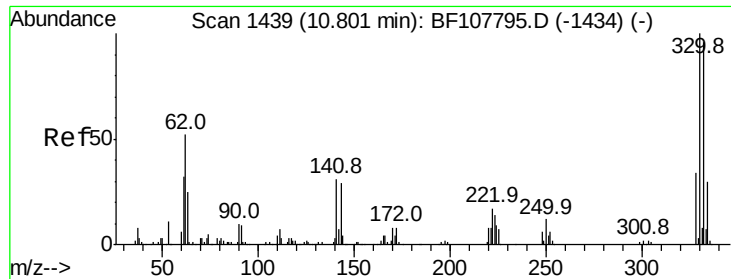
#40
 Hexachlorocyclopentadiene
 Concen: 52.059 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	277110		
235	63.8	44.8	84.8	
272	13.5	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 114.965 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

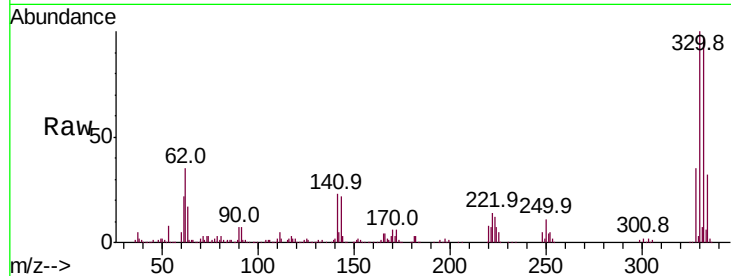
ClientSampleId :

SB-6(7-9)MS

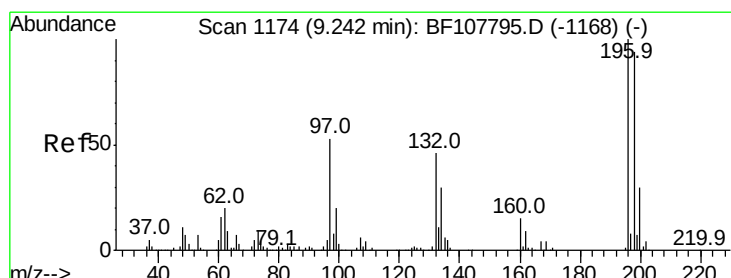
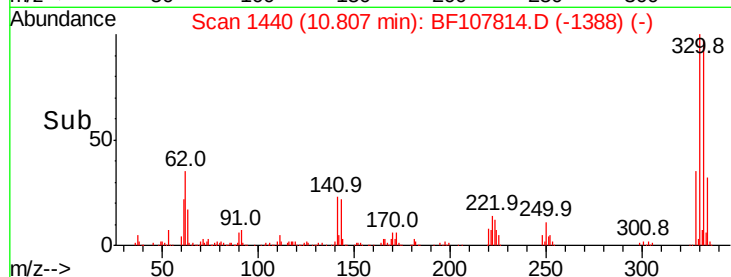
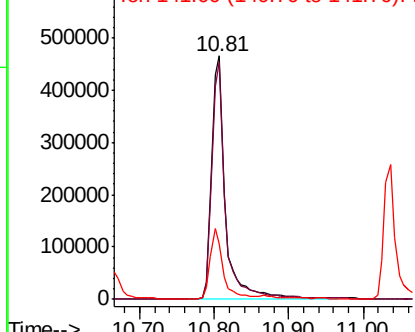
Tot Ion:	330	Resp:	599429
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	26.7	29.9	44.9#

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



#42

2,4,6-Trichlorophenol

Concen: 53.414 ng

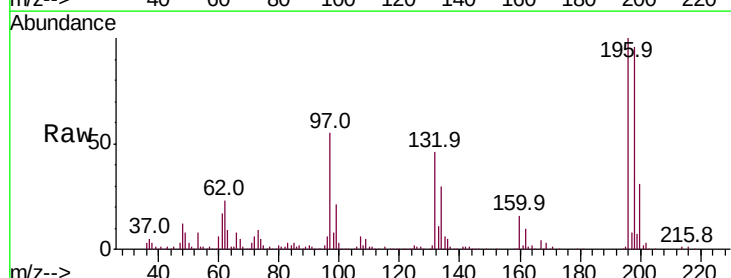
RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

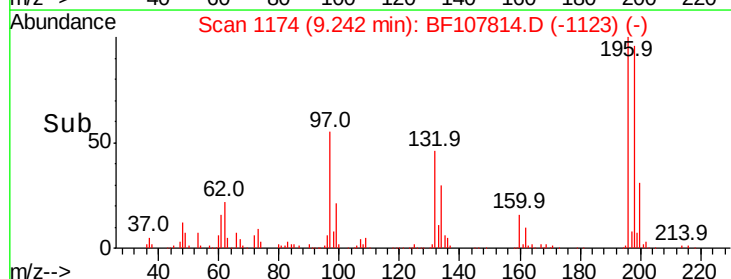
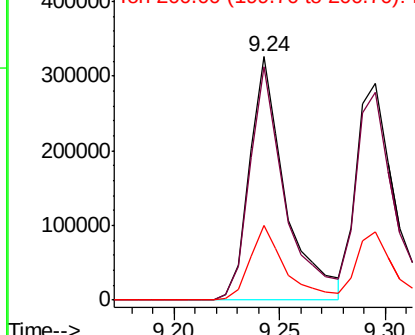
Lab File: BF107814.D

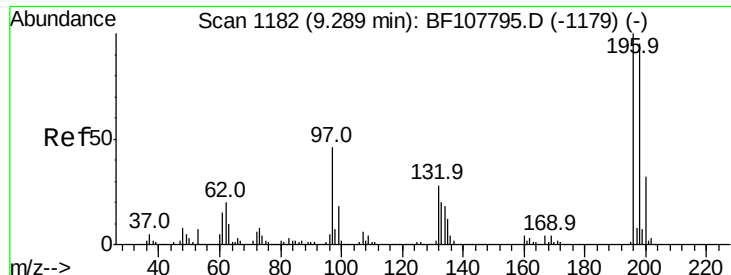
Acq: 30 Jul 2018 21:40

Tgt Ion:	196	Resp:	386326
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	30.5	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





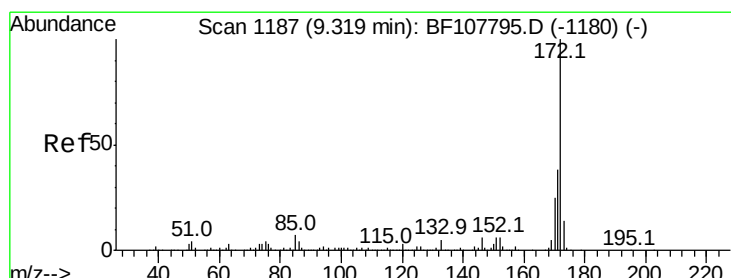
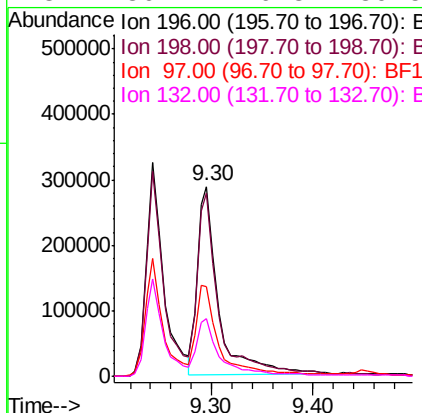
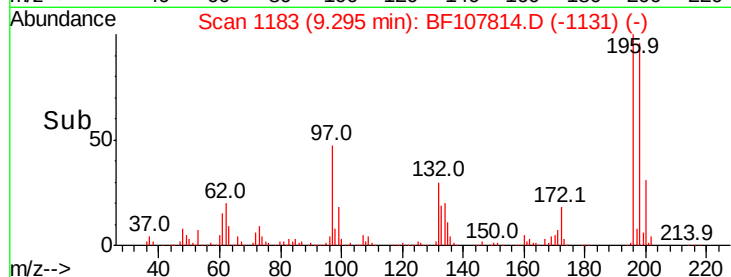
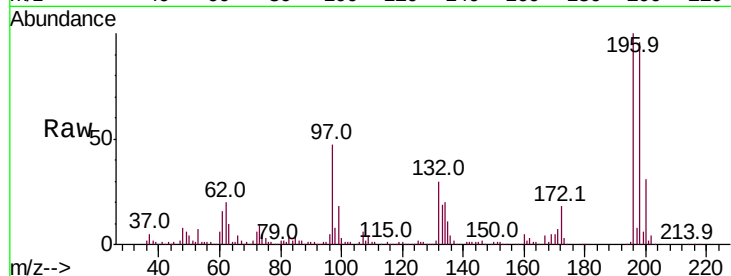
#43
 2,4,5-Trichlorophenol
 Concen: 48.311 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	420660		
198	96.2	74.6	112.0	
97	47.2	42.9	64.3	
132	30.4	26.3	39.5	

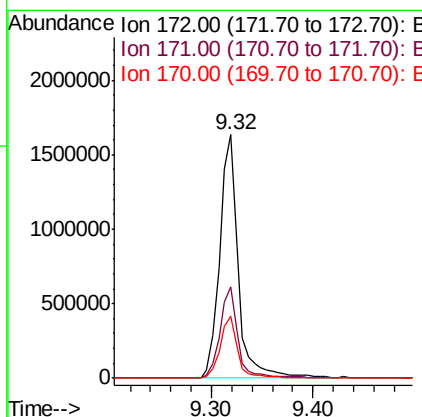
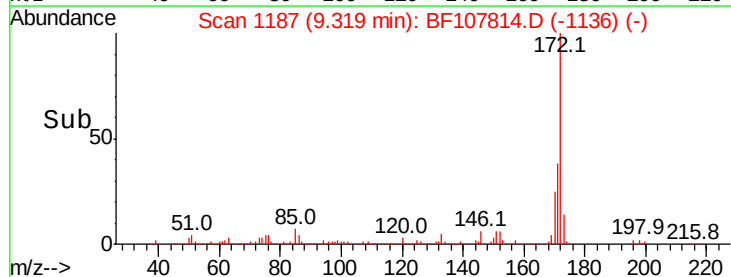
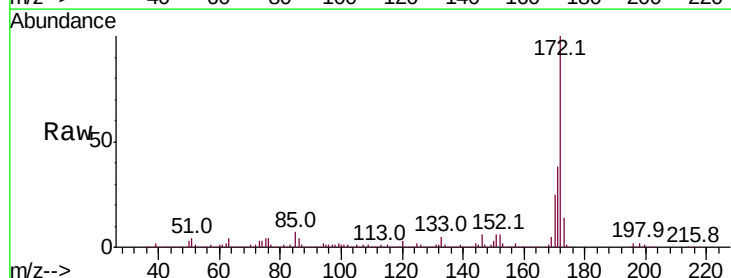
Manual Integrations
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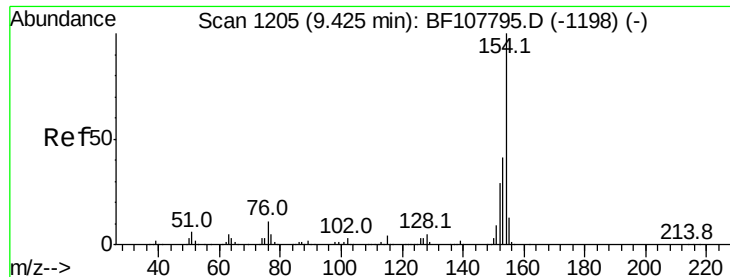
Sohil
 7/31/2018 2:42:42 PM



#44
 2-Fluorobiphenyl
 Concen: 75.485 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2078627		
171	37.6	29.7	44.5	
170	25.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 44.952 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:154 Resp: 1569756

Ion Ratio Lower Upper

154 100

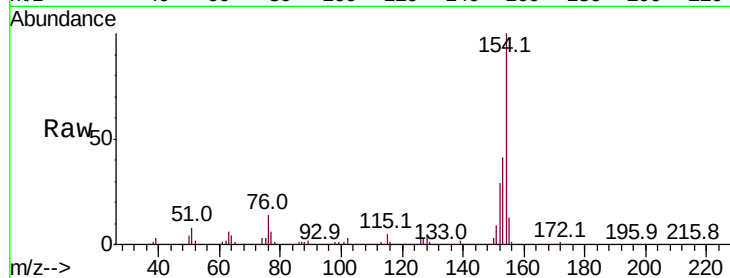
153 41.2 21.3 61.3

76 13.9 0.0 34.0

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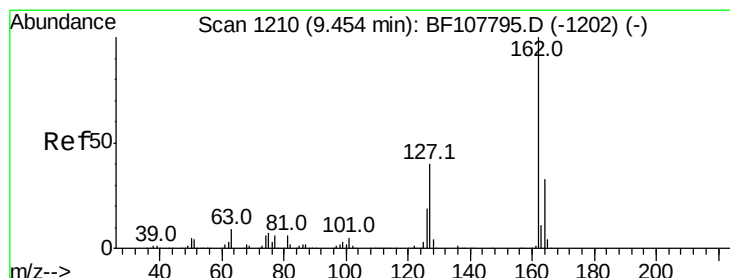
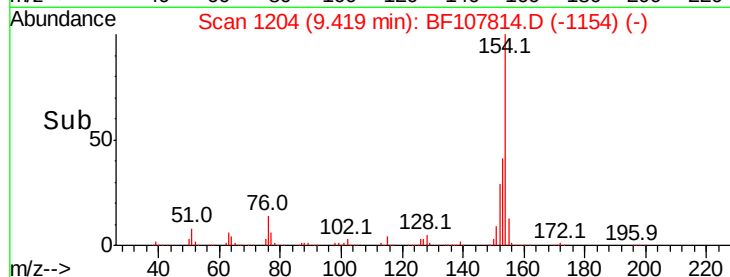
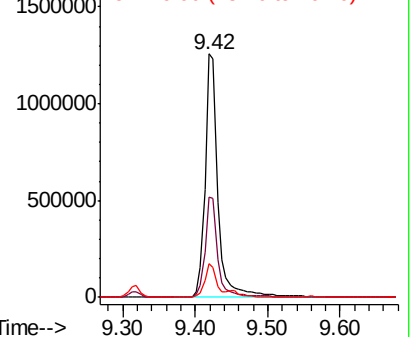
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.365 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

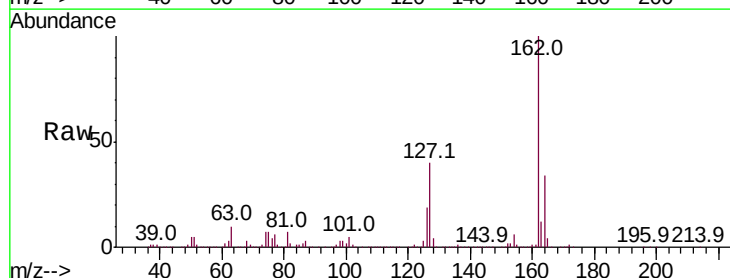
Tgt Ion:162 Resp: 1168306

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

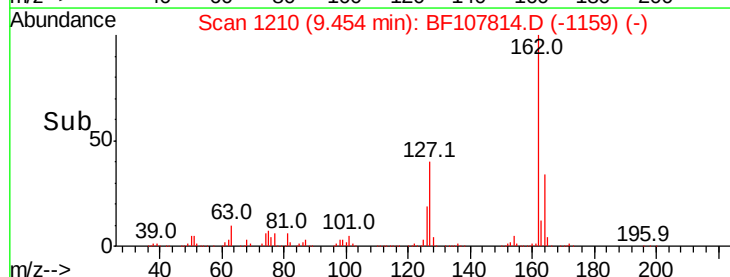
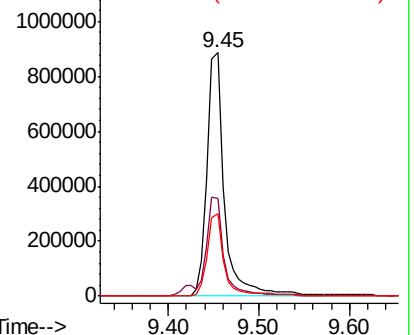
164 33.8 26.5 39.7

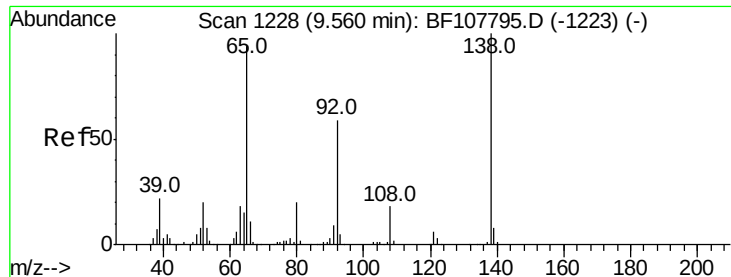


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





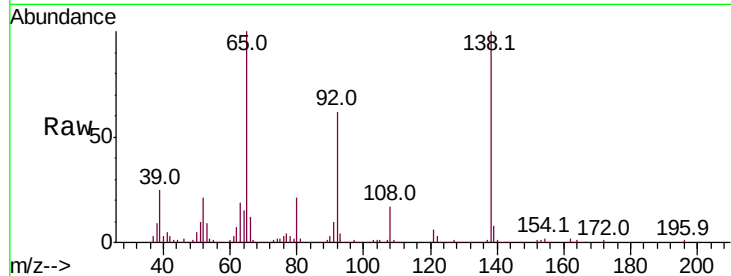
#47
2-Nitroaniline
Concen: 52.481 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

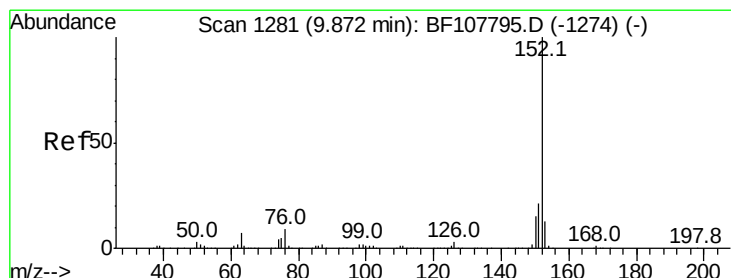
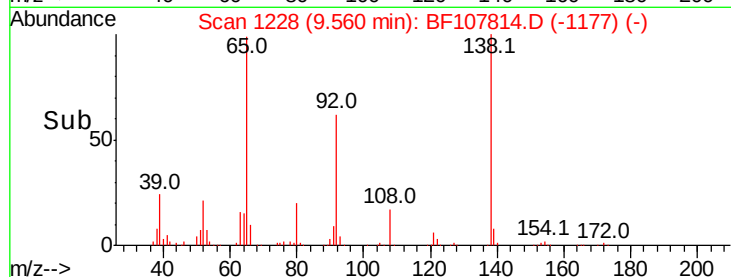
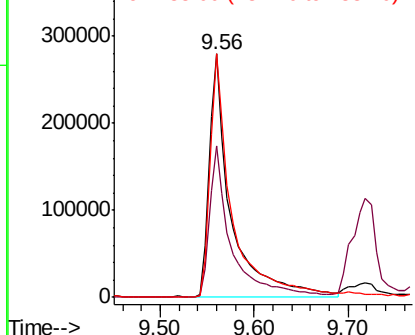
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.1	55.8	83.6
138	100.2	91.2	136.8

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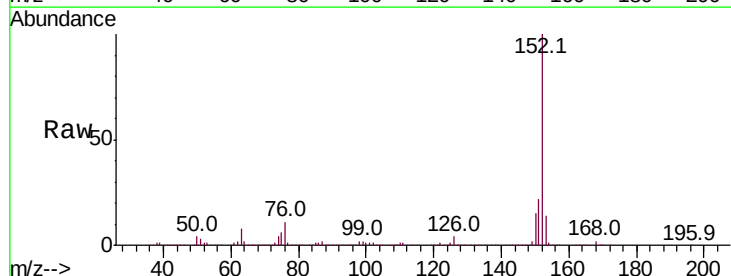


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

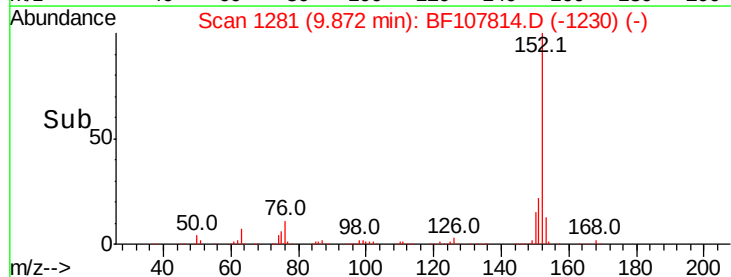
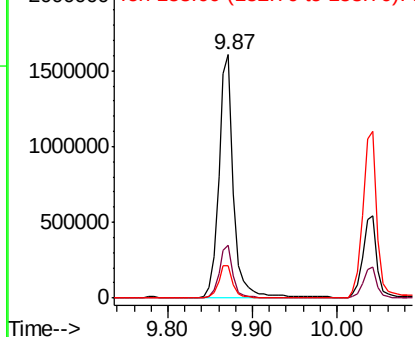


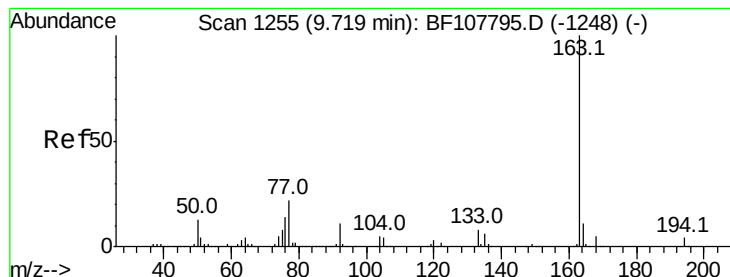
#48
Acenaphthylene
Concen: 48.307 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	13.6	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 53.398 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampled :

SB-6(7-9)MS

Tot Ion:163 Resp: 1538802

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

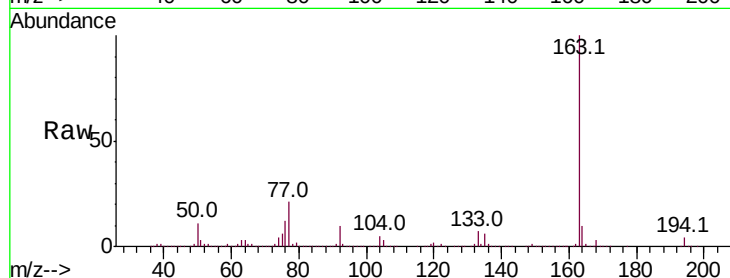
164 10.4 8.2 12.2

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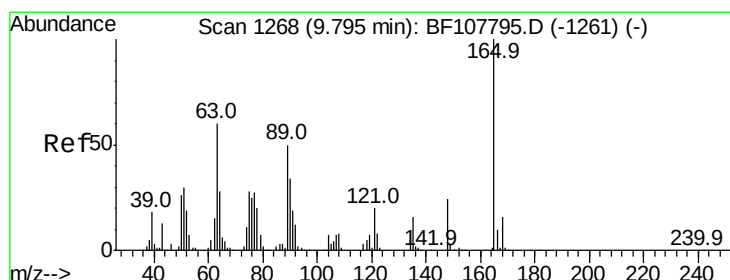
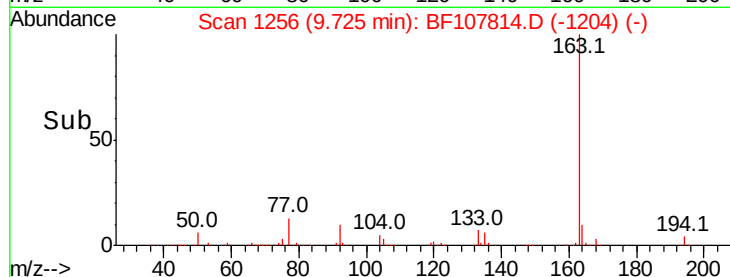
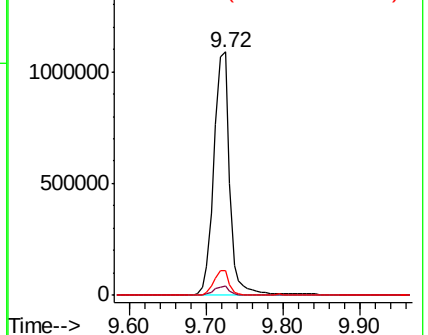
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.463 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

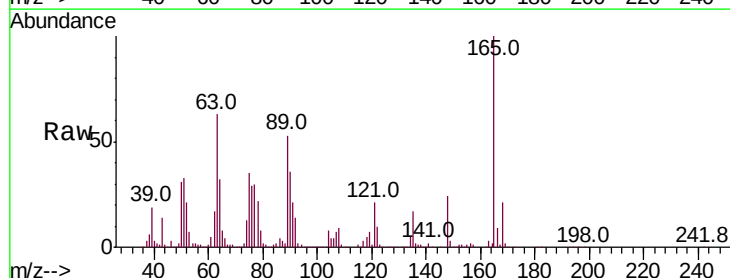
Tgt Ion:165 Resp: 309772

Ion Ratio Lower Upper

165 100

63 63.4 44.7 67.1

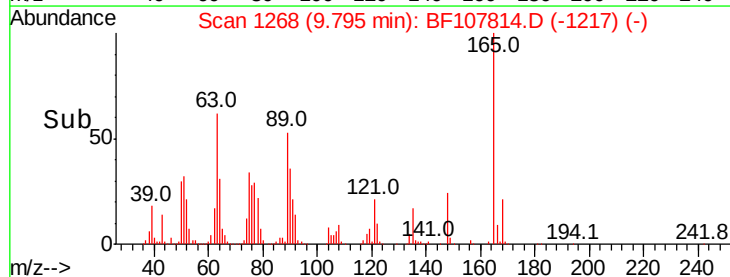
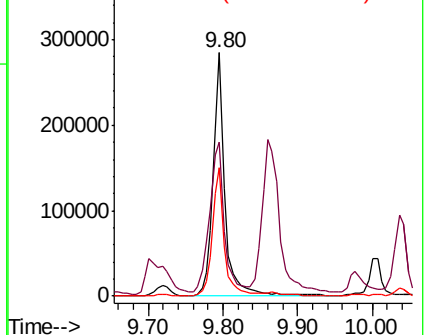
89 52.6 44.0 66.0

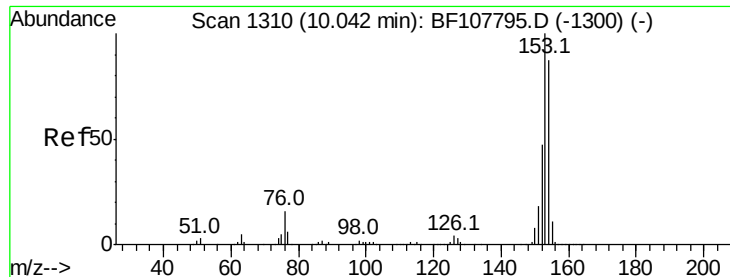


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 48.769 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampled :

SB-6(7-9)MS

Tot Ion:154 Resp: 1156579

Ion Ratio Lower Upper

154 100

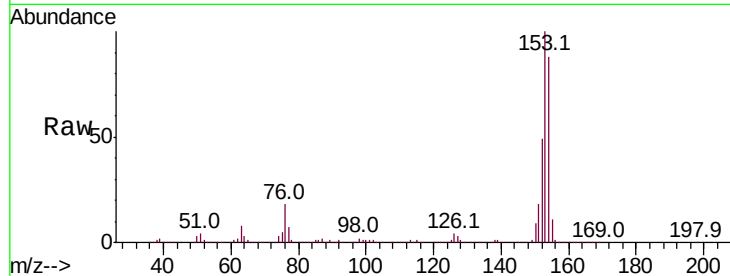
153 113.6 91.2 136.8

152 56.0 43.8 65.8

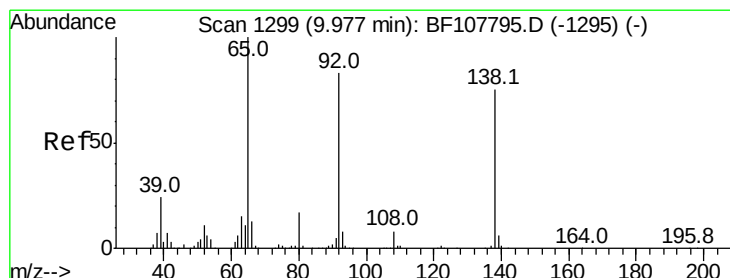
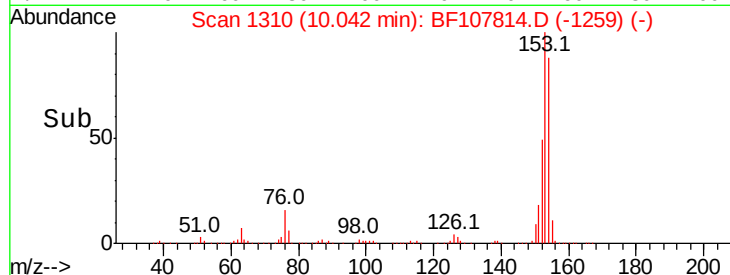
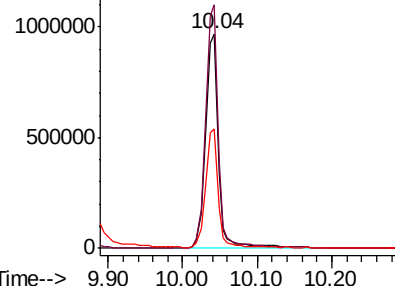
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Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.132 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

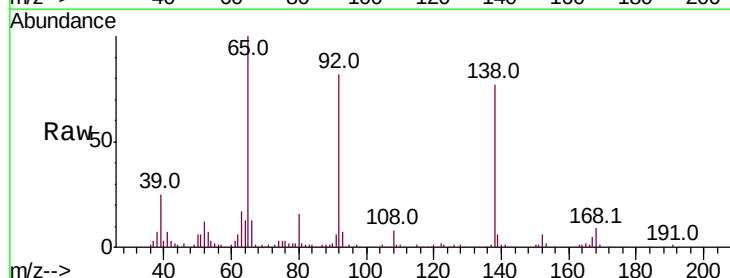
Tgt Ion:138 Resp: 245681

Ion Ratio Lower Upper

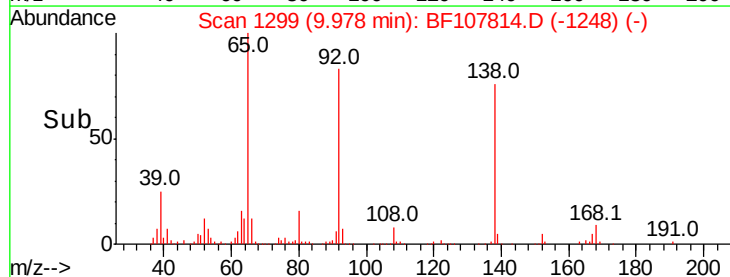
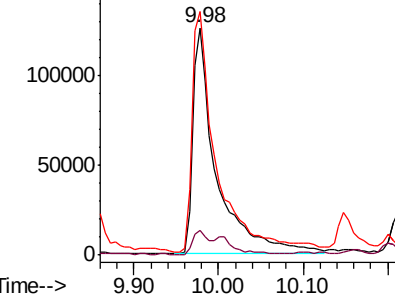
138 100

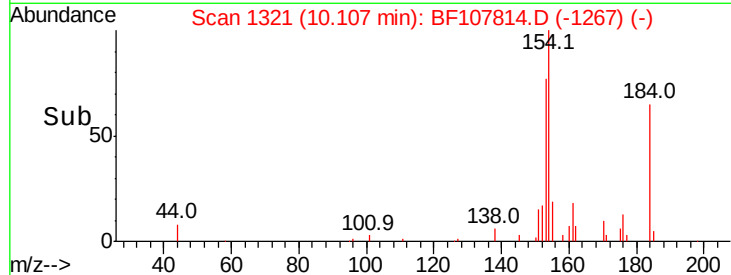
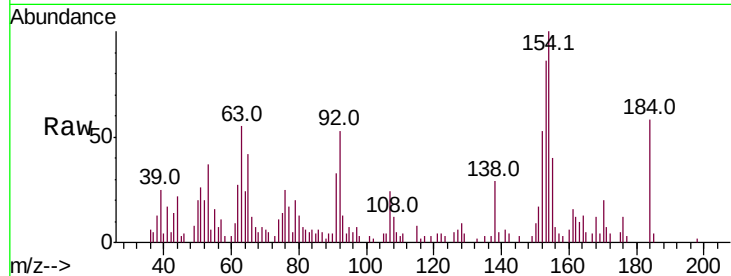
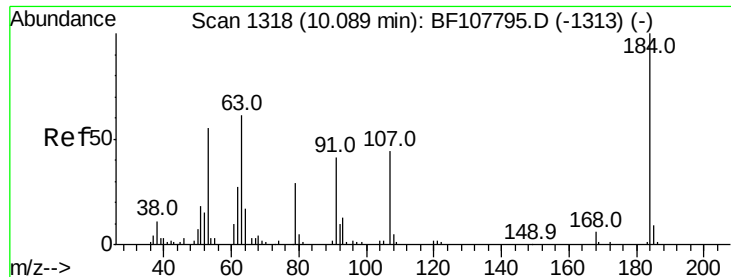
108 11.0 9.4 14.0

92 107.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





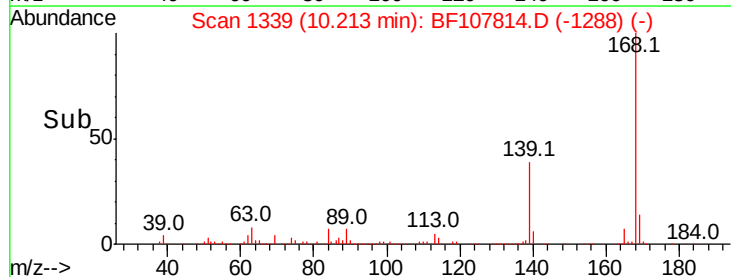
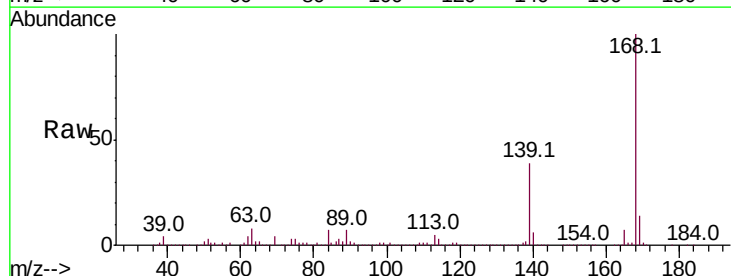
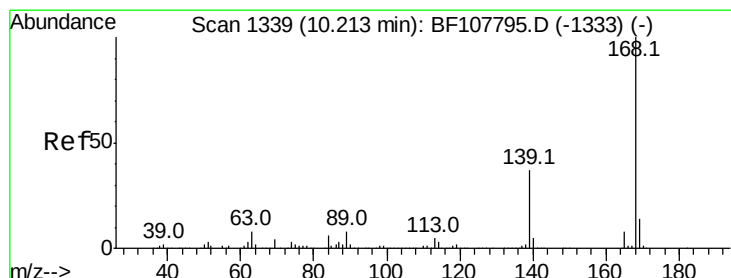
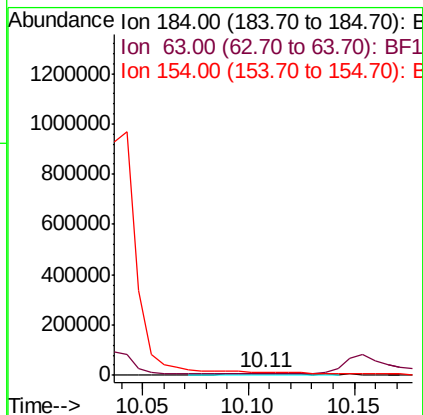
#53
2,4-Dinitrophenol
Concen: 14.305 ng
RT: 10.11 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.3	54.2	81.2#
154	171.7	184.0	276.0#

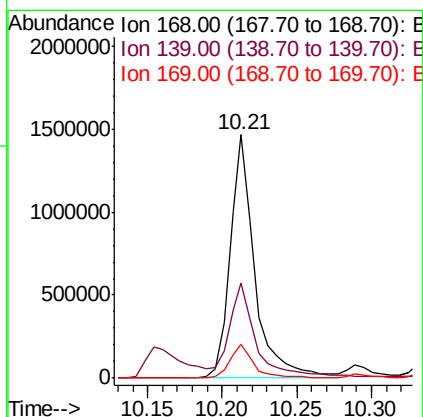
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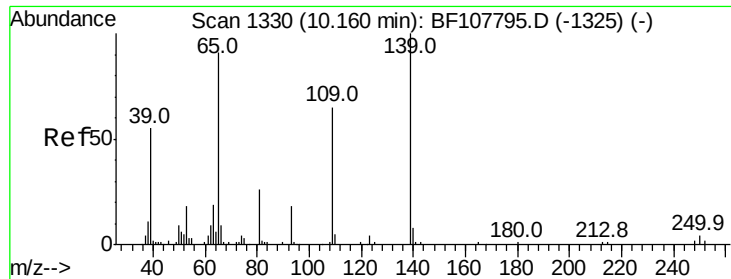
Sohil
7/31/2018 2:42:42 PM



#54
Dibenzofuran
Concen: 46.330 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.0	10.9	16.3





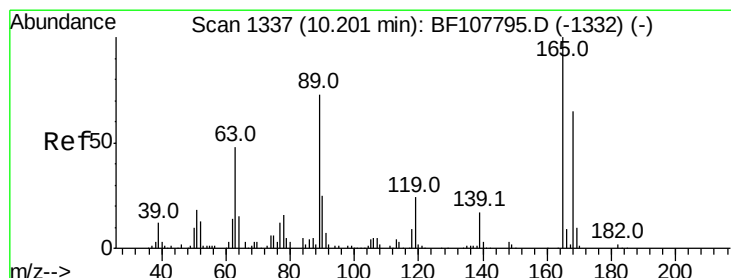
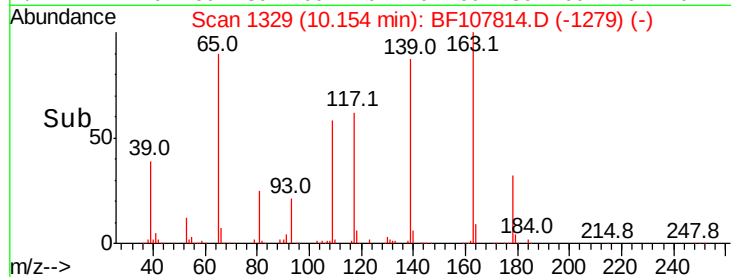
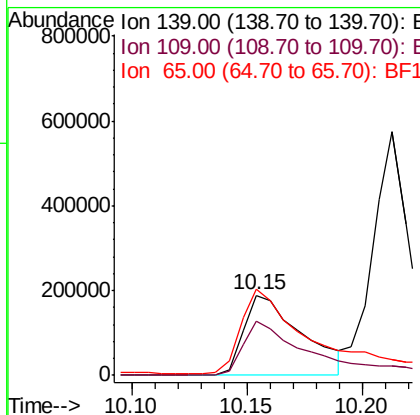
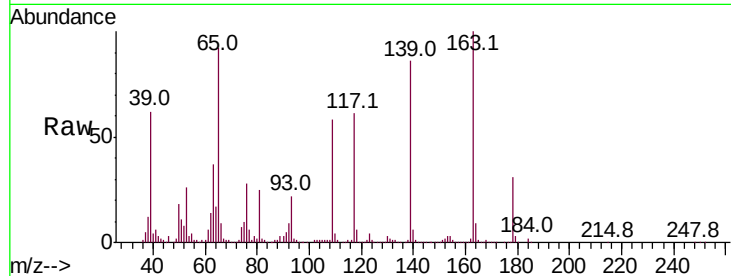
#55
4-Nitrophenol
Concen: 87.148 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	327176		
109	67.2	48.4	88.4	
65	107.6	72.6	112.6	

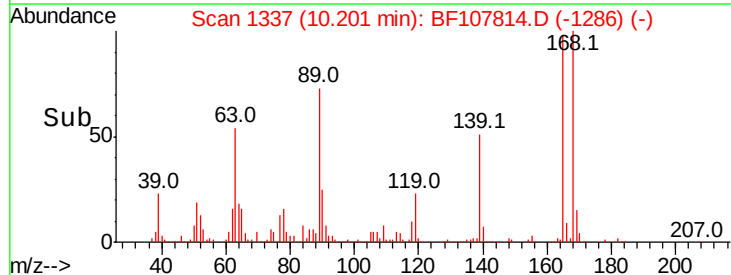
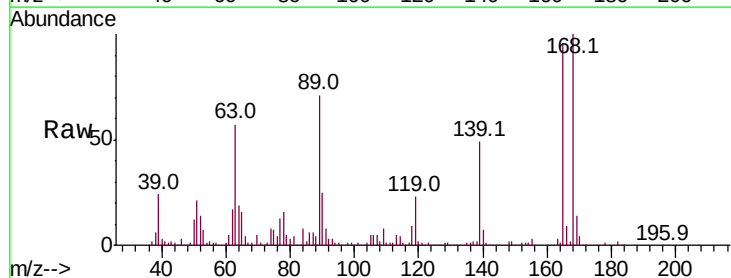
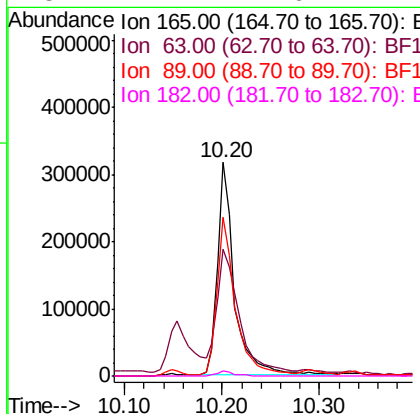
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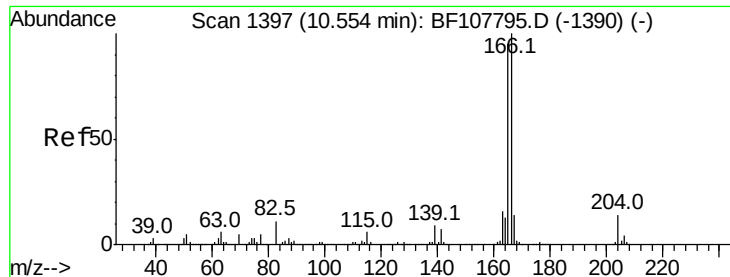
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.989 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	386780		
63	59.4	36.4	54.6#	
89	74.1	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 50.866 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:166 Resp: 1449028

Ion Ratio Lower Upper

166 100

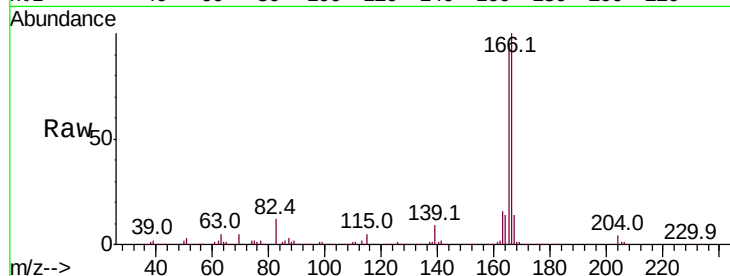
165 94.2 79.8 119.8

167 14.2 10.6 16.0

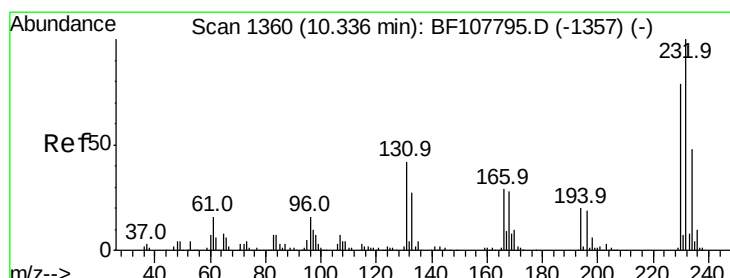
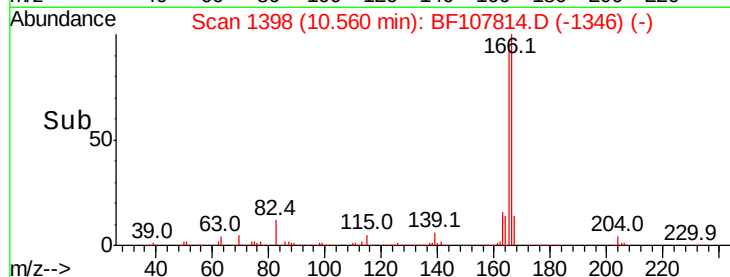
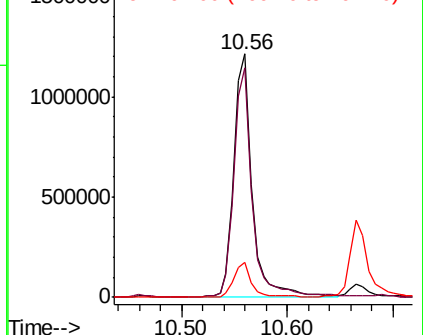
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.029 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:232 Resp: 360123

Ion Ratio Lower Upper

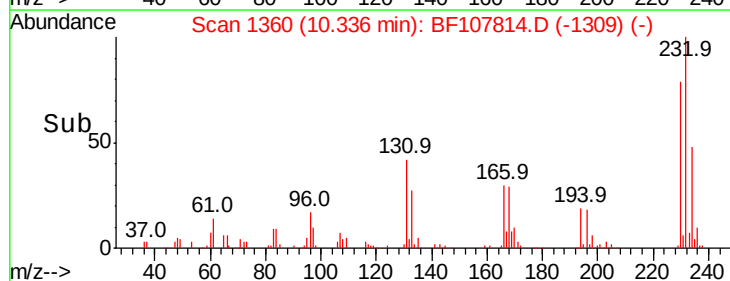
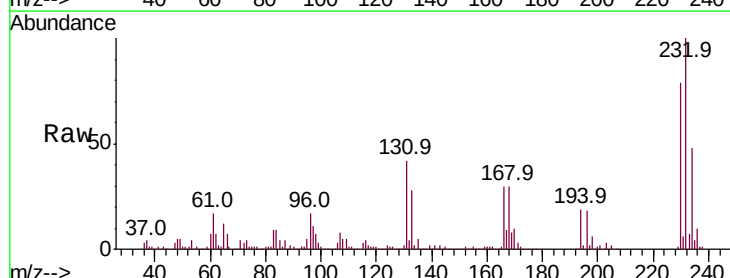
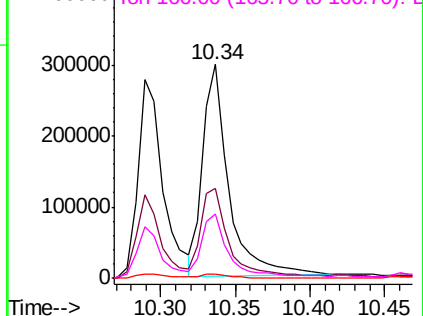
232 100

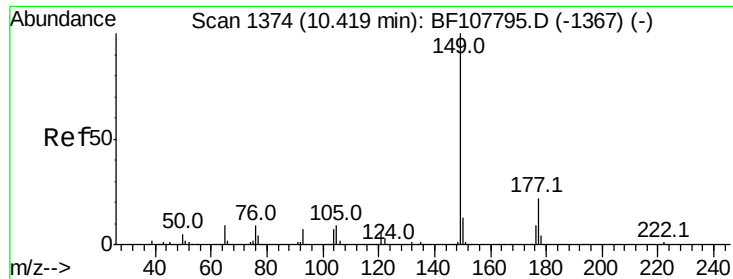
131 41.9 43.8 65.8#

130 2.4 2.1 3.1

166 28.9 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
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





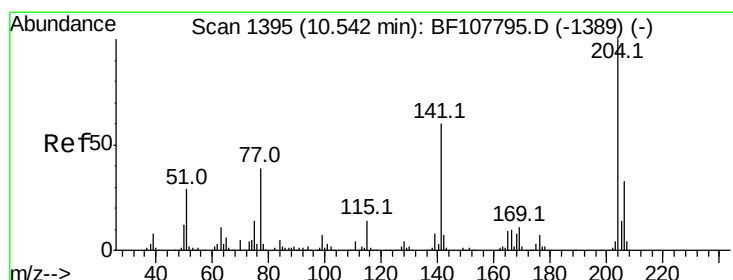
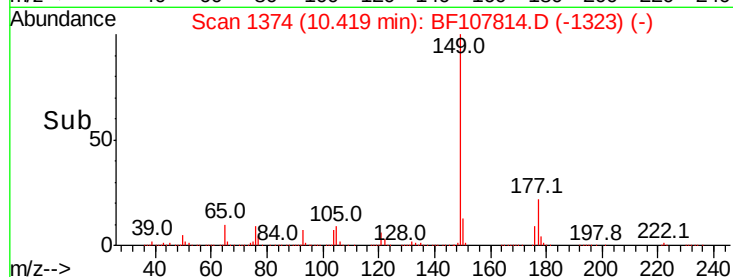
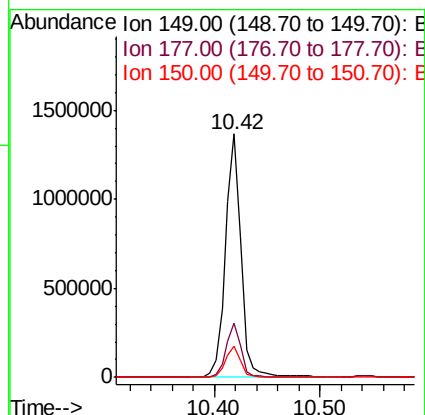
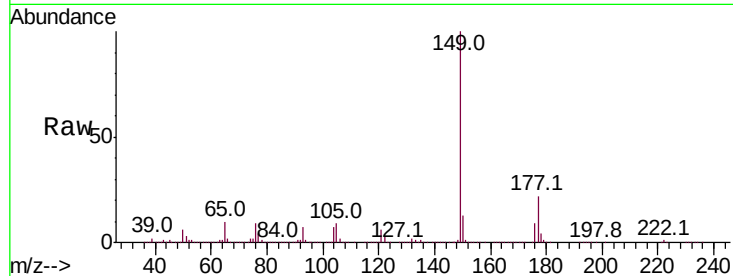
#59
Diethylphthalate
Concen: 45.591 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampled :
SB-6(7-9)MS

Tot Ion:149 Resp: 1412603
Ion Ratio Lower Upper
149 100
177 22.5 16.1 24.1
150 13.0 10.1 15.1

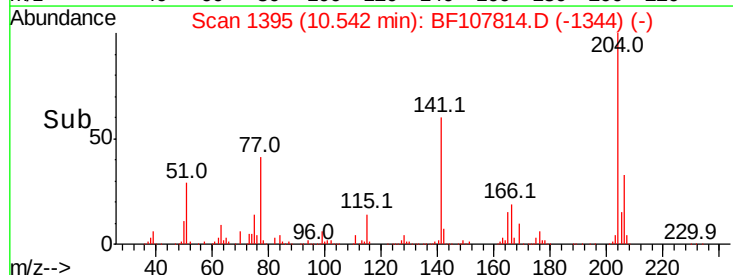
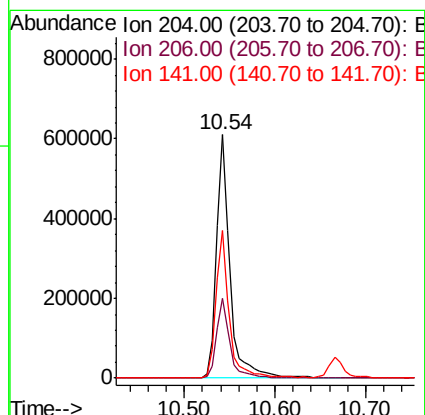
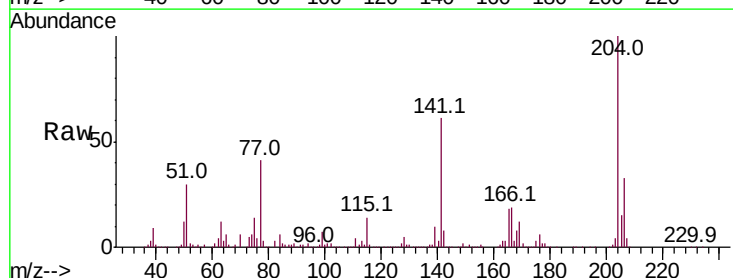
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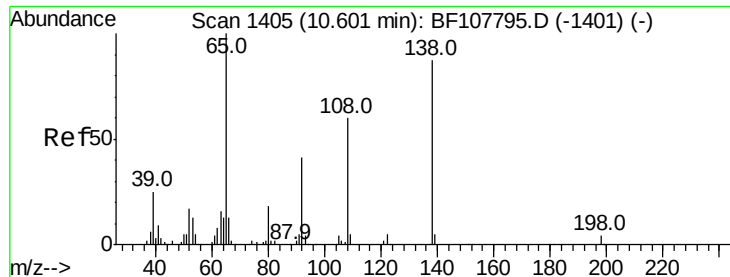
Sohil
7/31/2018 2:42:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.912 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:204 Resp: 634898
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 60.7 54.6 81.8





#61

4-Nitroaniline

Concen: 43.720 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

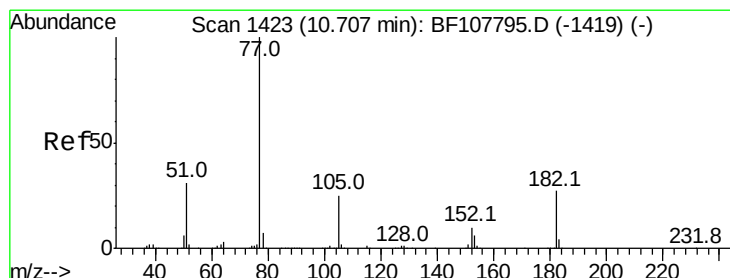
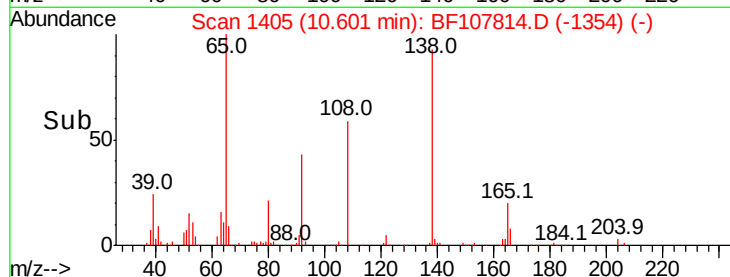
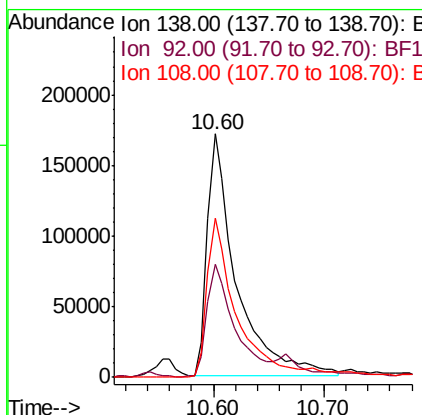
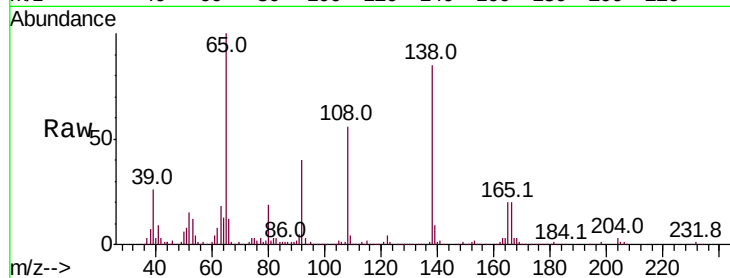
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	138	Resp:	306185
Ion Ratio	Lower	Upper	
138	100		
92	46.2	30.2	70.2
108	65.2	52.5	92.5

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#62

Azobenzene

Concen: 46.047 ng

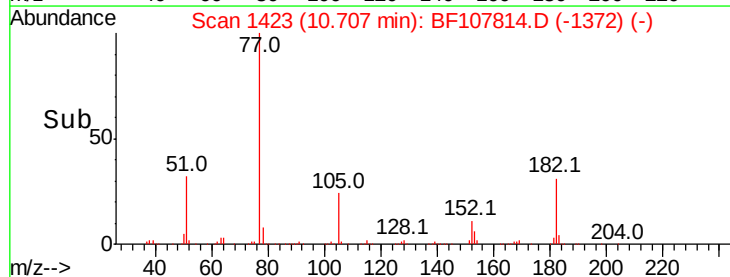
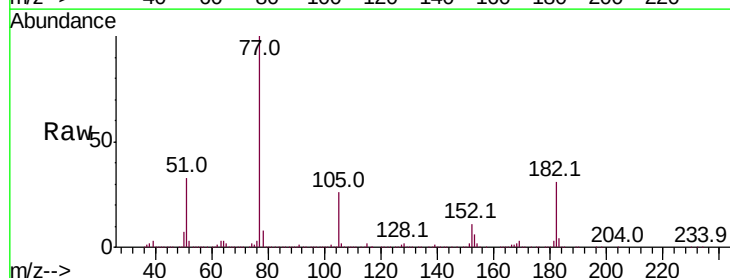
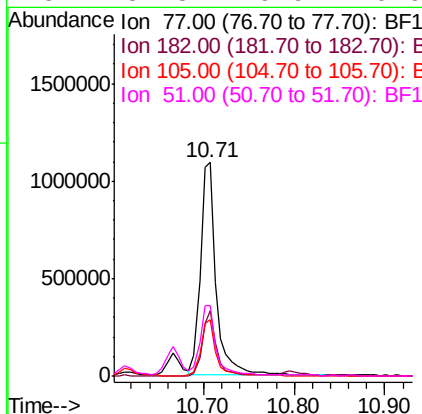
RT: 10.71 min Scan# 1423

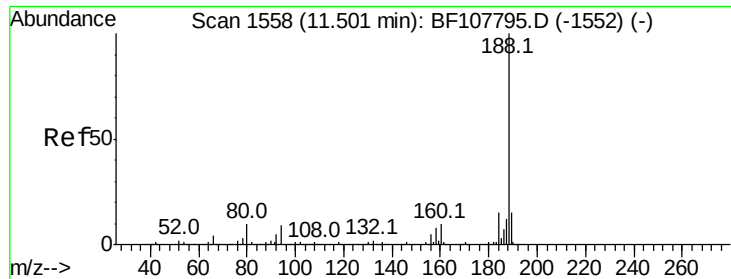
Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:	77	Resp:	1328757
Ion Ratio	Lower	Upper	
77	100		
182	30.5	1.7	41.7
105	26.4	3.0	43.0
51	32.8	9.9	49.9





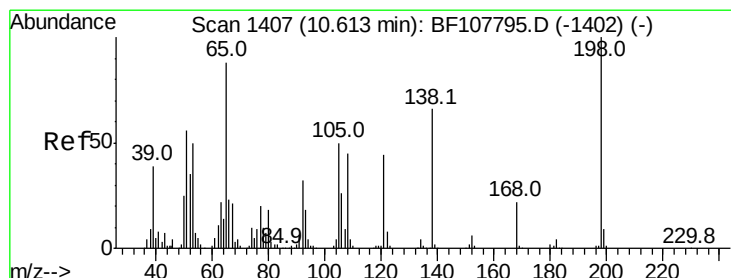
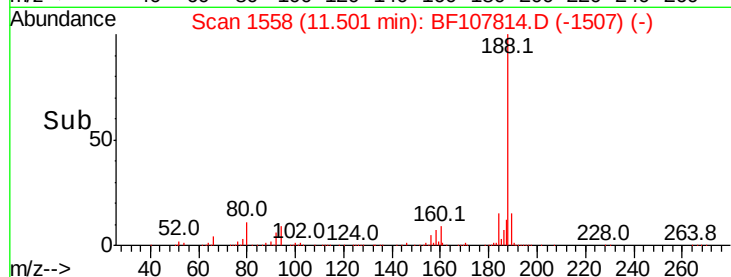
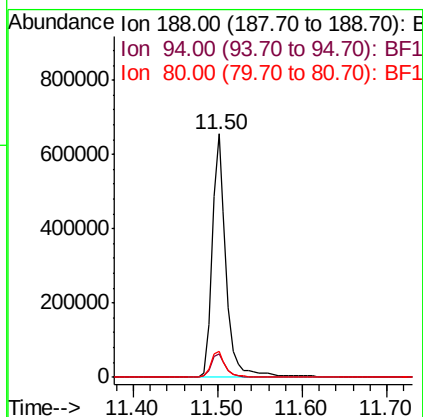
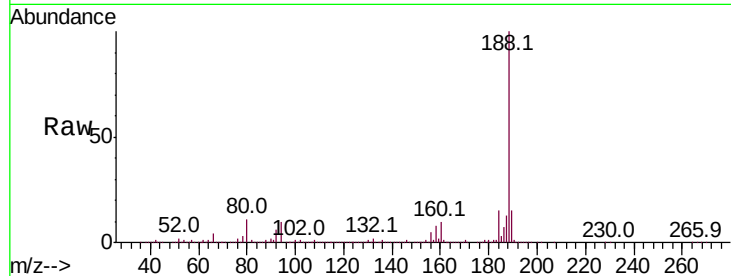
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	767858		
94	9.6		8.5	12.7
80	10.9		9.2	13.8

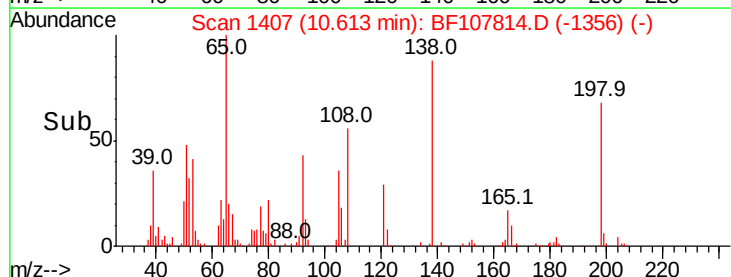
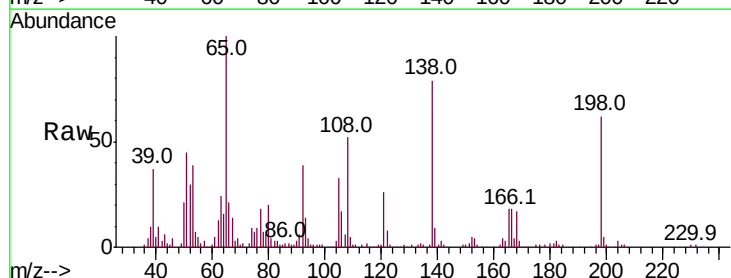
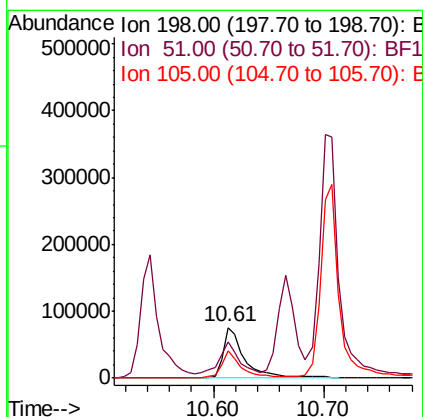
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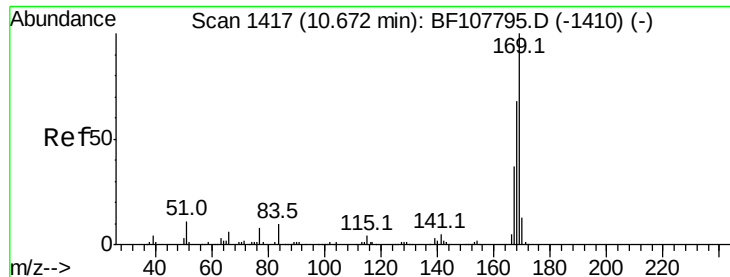
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.712 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103233		
51	71.9		37.7	77.7
105	52.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 46.628 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:169 Resp: 1178925

Ion Ratio Lower Upper

169 100

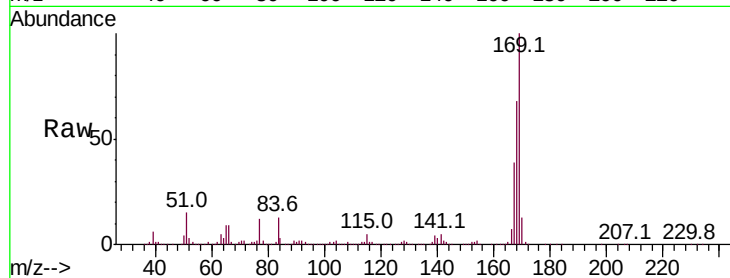
168 68.3 54.4 81.6

167 38.6 29.8 44.6

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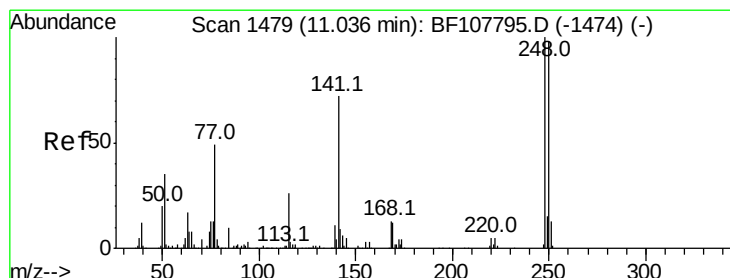
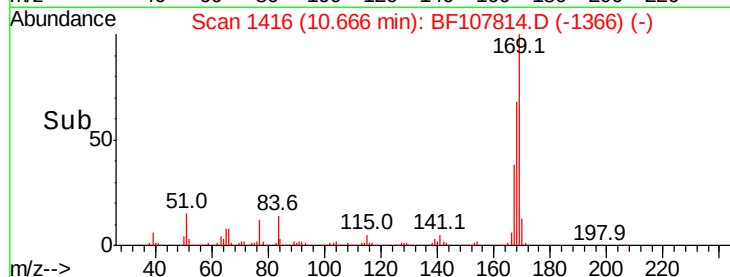
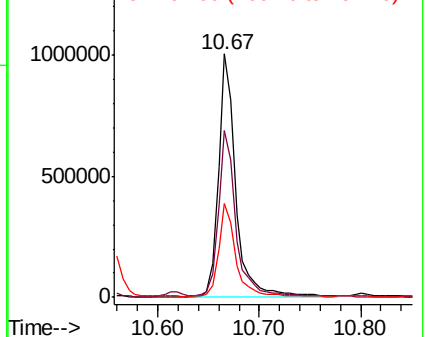
7/31/2018 2:42:42 PM



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



#66

4-Bromophenyl-phenylether

Concen: 44.060 ng

RT: 11.04 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

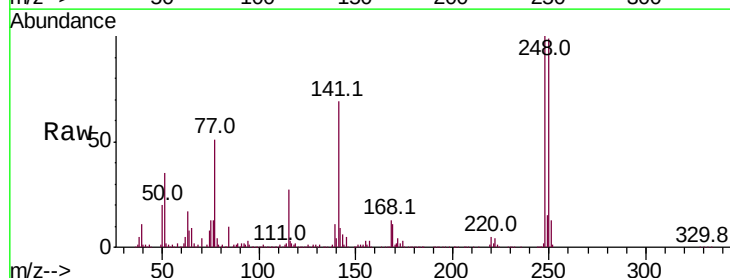
Tgt Ion:248 Resp: 394324

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

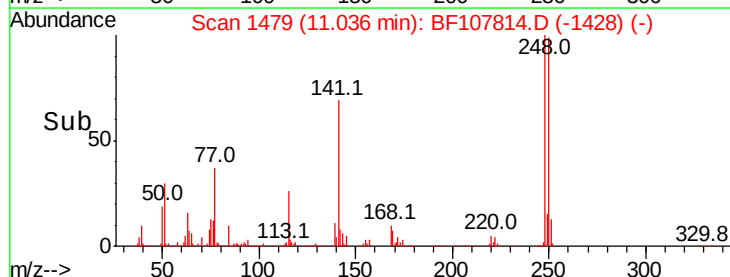
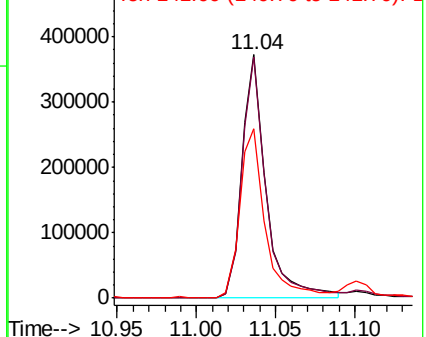
141 69.4 74.4 111.6#

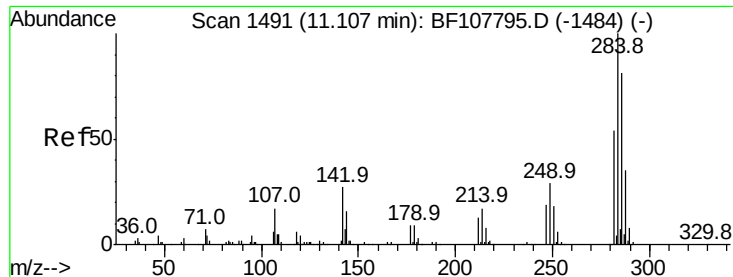


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.119 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

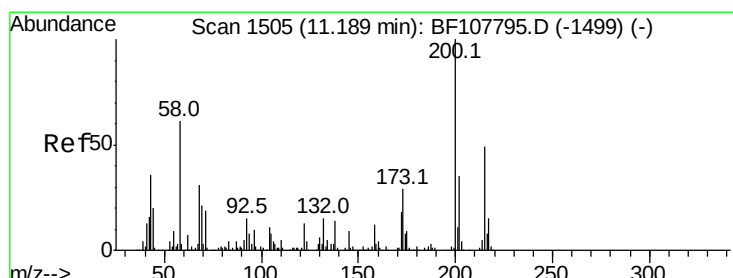
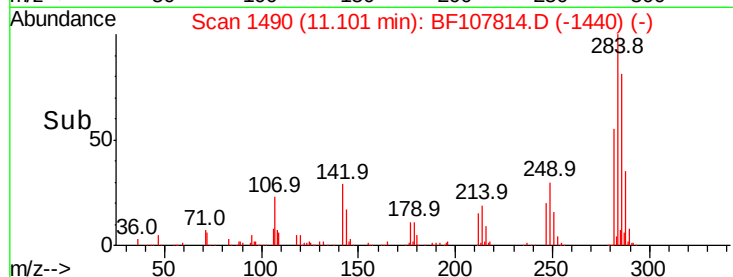
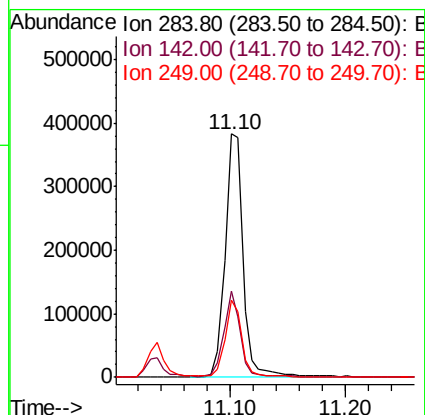
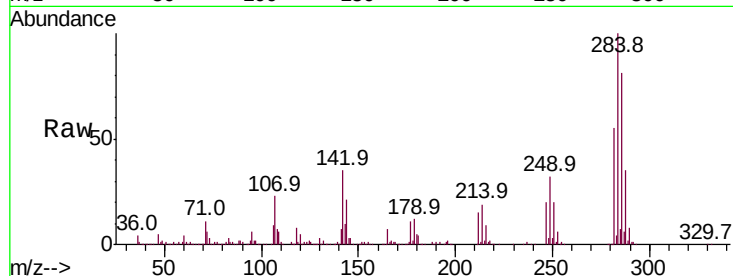
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	284	Resp:	418010
Ion Ratio	Lower	Upper	
284	100		
142	35.4	34.6	52.0
249	31.7	24.8	37.2

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#68

Atrazine

Concen: 48.573 ng

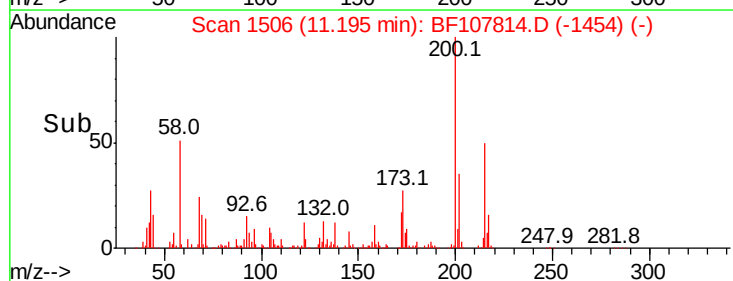
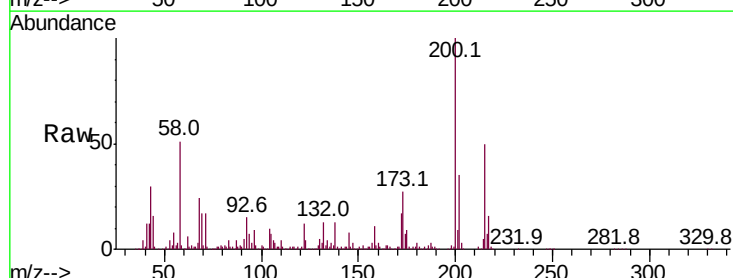
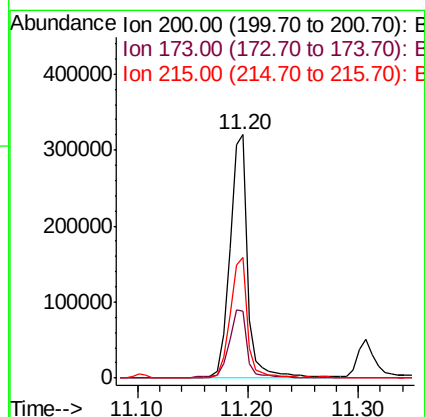
RT: 11.20 min Scan# 1506

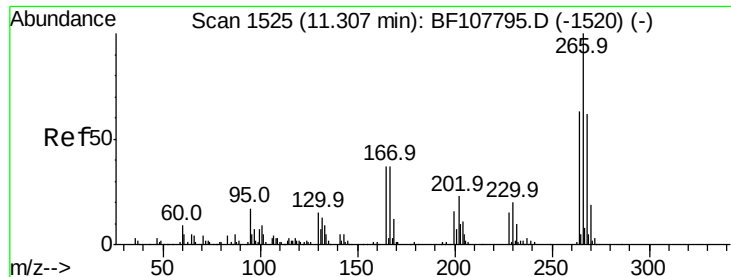
Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion:	200	Resp:	363479
Ion Ratio	Lower	Upper	
200	100		
173	27.4	8.6	48.6
215	49.6	25.1	65.1





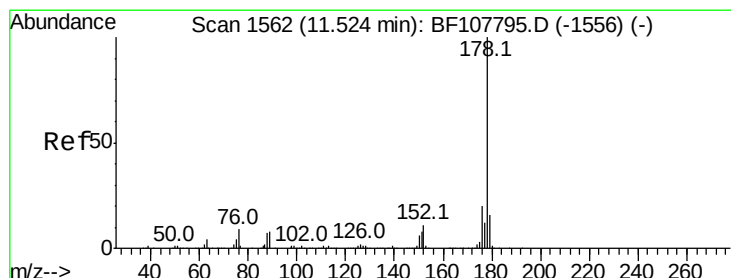
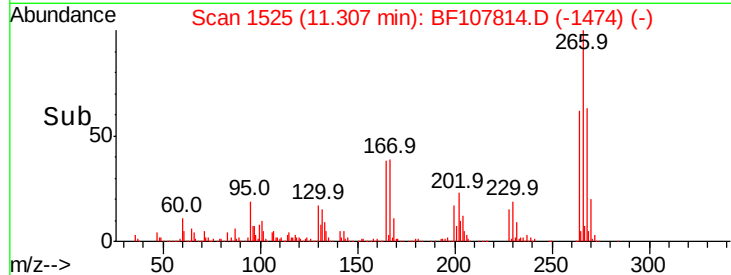
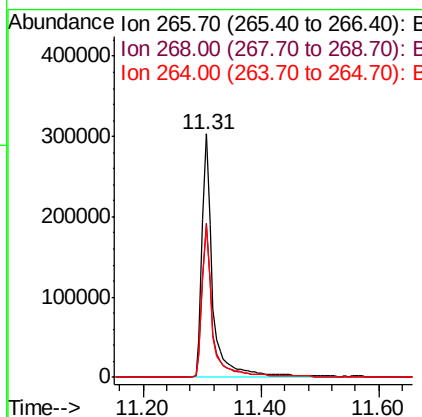
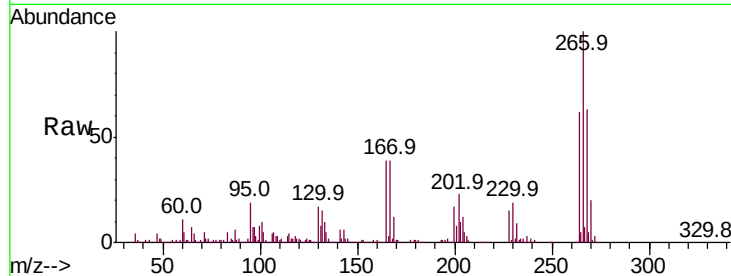
#69
 Pentachlorophenol
 Concen: 78.640 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	384198		
268	63.3	51.1	76.7	
264	62.2	49.5	74.3	

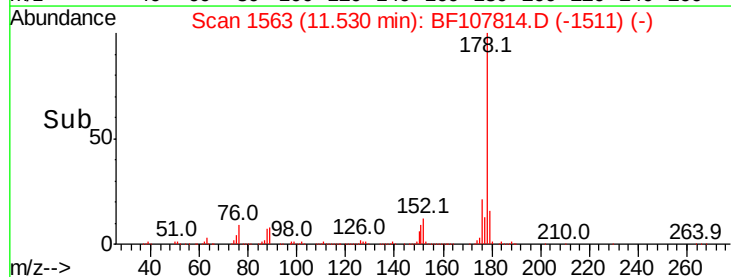
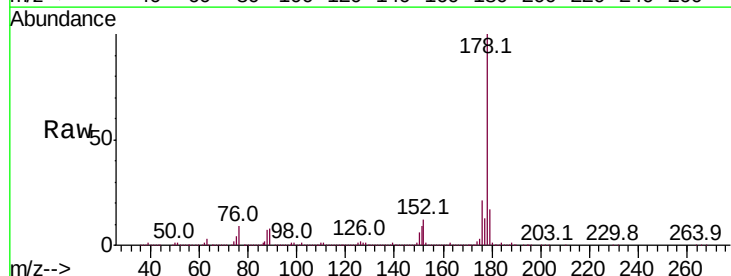
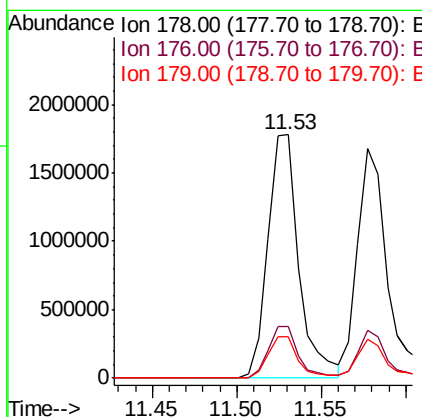
Manual Integrations
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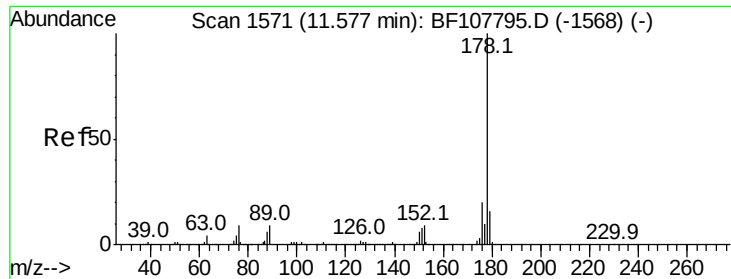
Sohil
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#70
 Phenanthrene
 Concen: 62.186 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2267327		
176	21.1	15.8	23.8	
179	16.8	13.0	19.6	





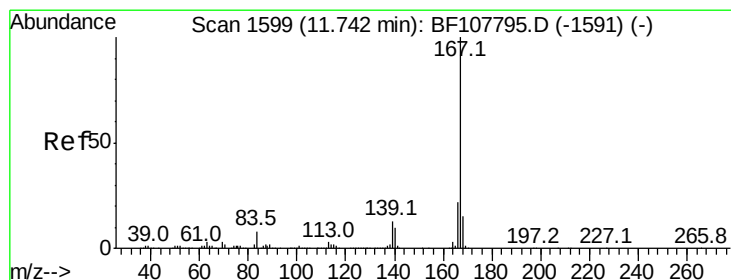
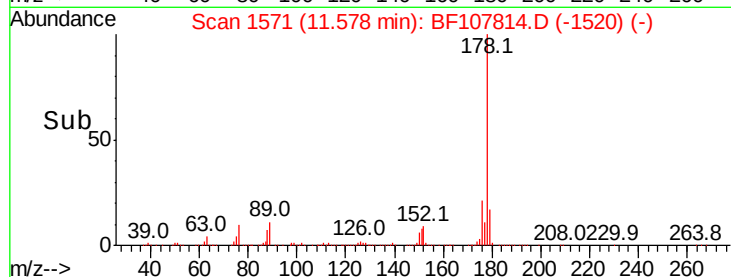
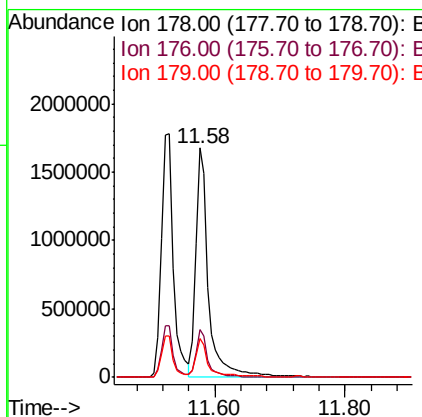
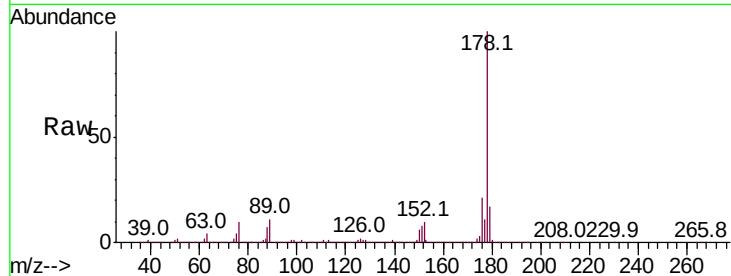
#71
 Anthracene
 Concen: 53.364 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion:178 Resp: 2244176
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 17.1 12.6 19.0

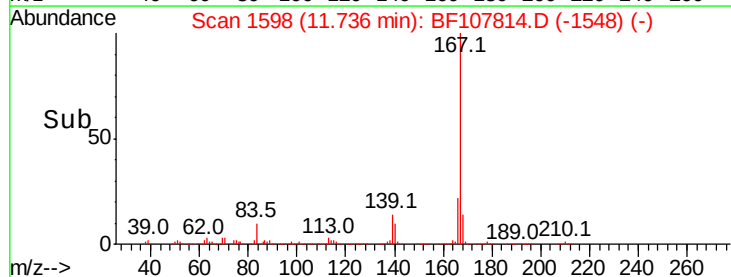
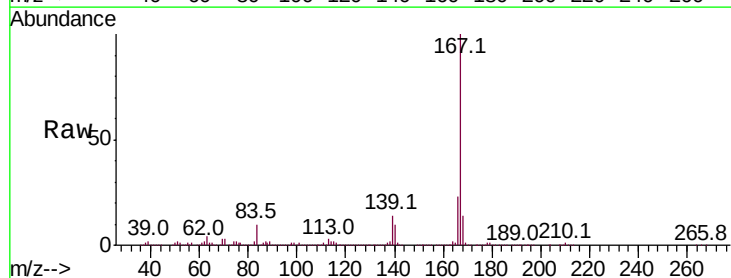
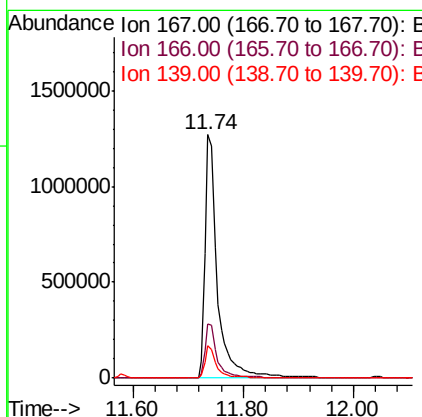
Manual Integrations
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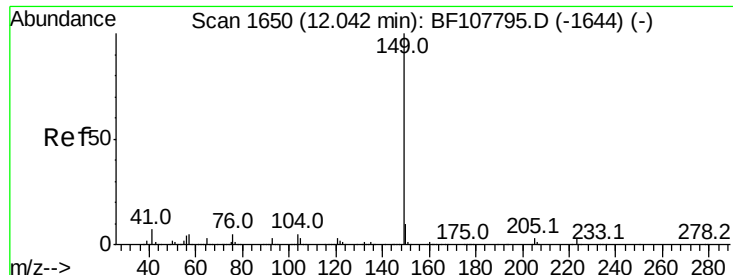
Sohil
 7/31/2018 2:42:42 PM



#72
 Carbazole
 Concen: 46.759 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion:167 Resp: 1943254
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.957 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:149 Resp: 2038310

Ion Ratio Lower Upper

149 100

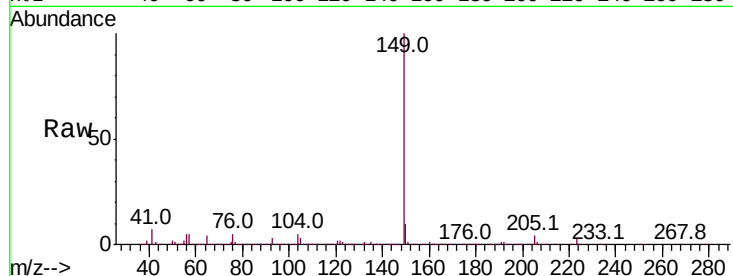
150 10.4 7.8 11.6

104 5.2 3.8 5.8

Manual Integrations
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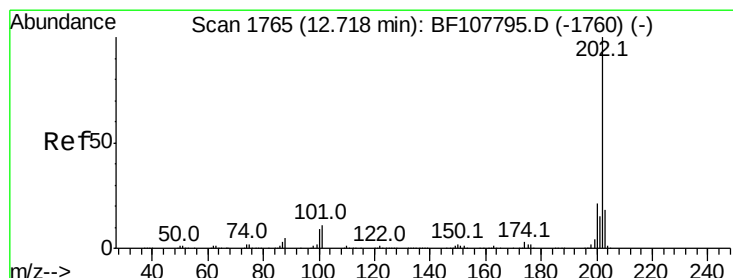
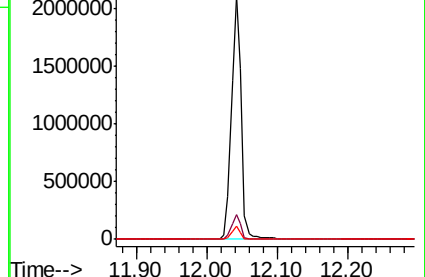
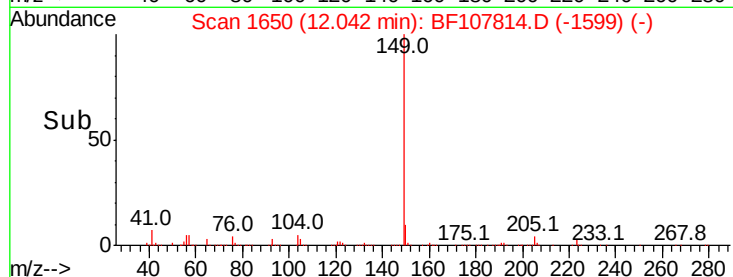
7/31/2018 2:42:42 PM



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



#74

Fluoranthene

Concen: 67.607 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

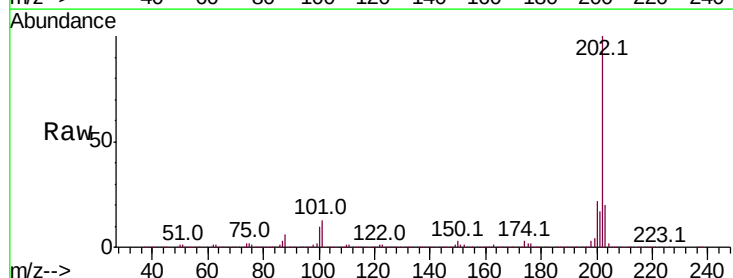
Tgt Ion:202 Resp: 2895855

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

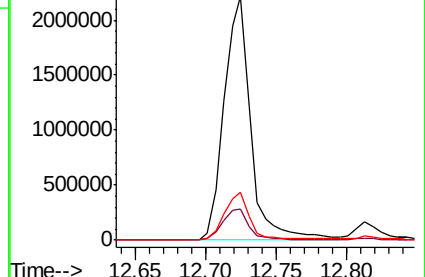
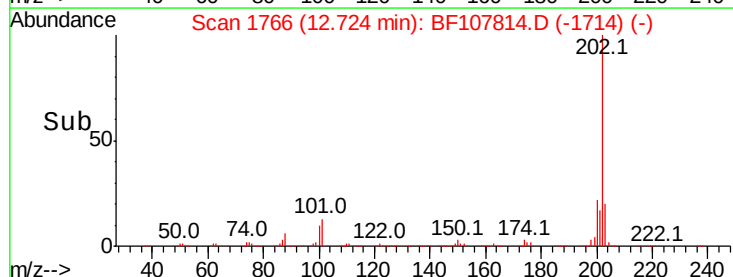
203 19.6 0.0 38.1

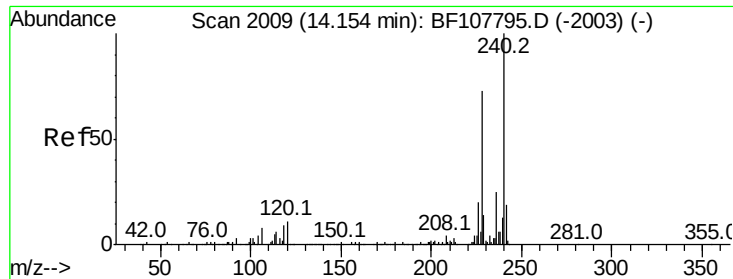


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

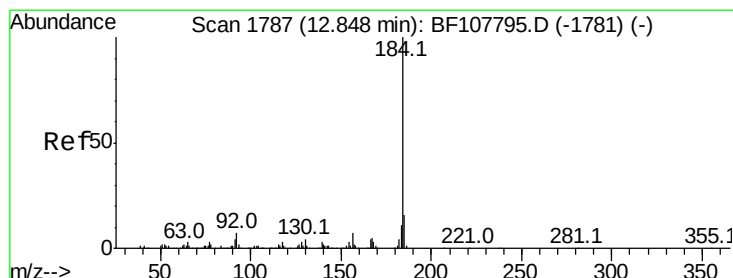
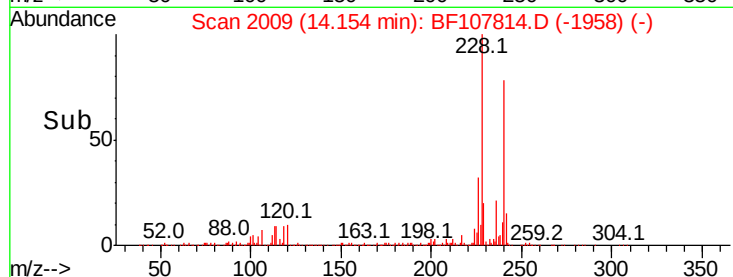
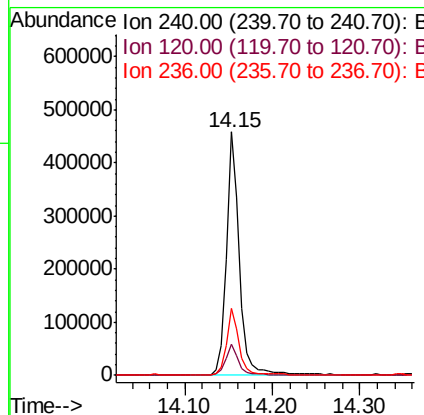
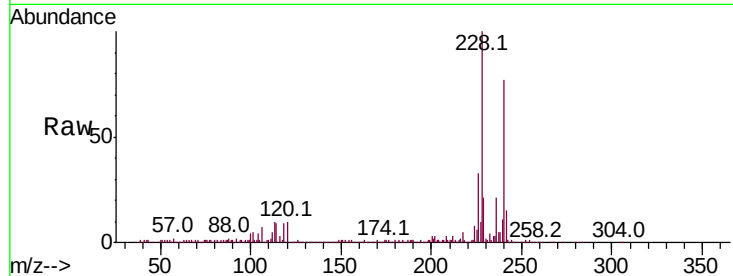
ClientSampleId :

SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	27.7	20.7	31.1

Manual Integrations
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Sohil
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#76

Benzidine

Concen: 57.302 ng

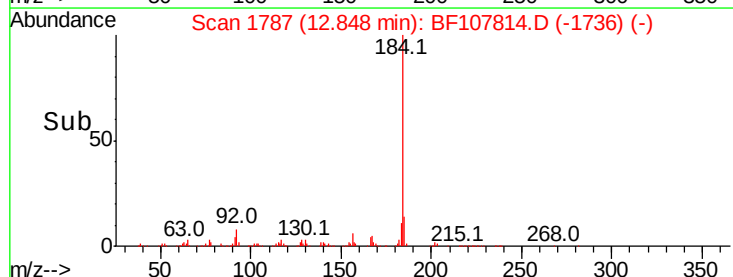
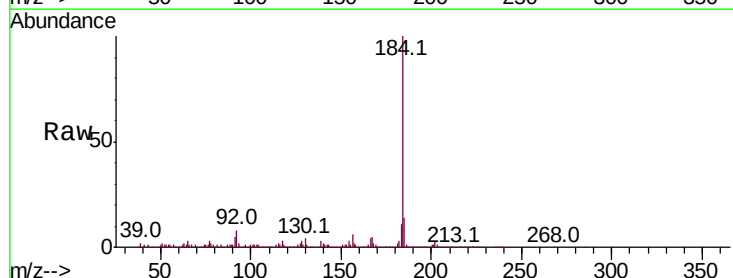
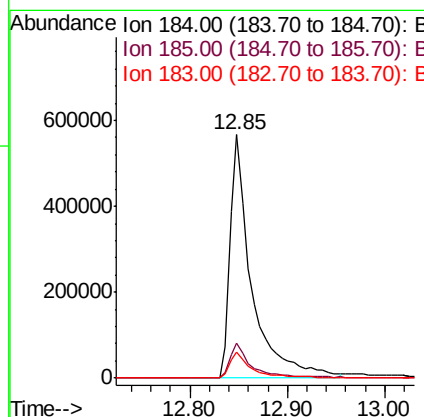
RT: 12.85 min Scan# 1787

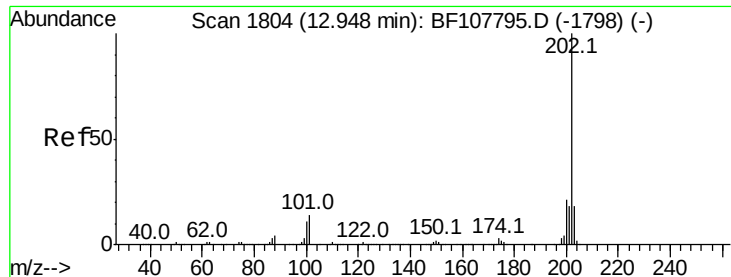
Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	10.9	9.3	13.9





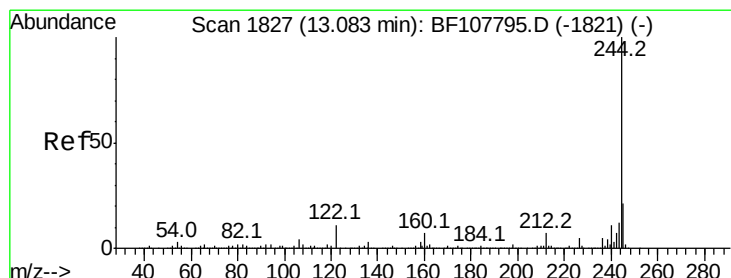
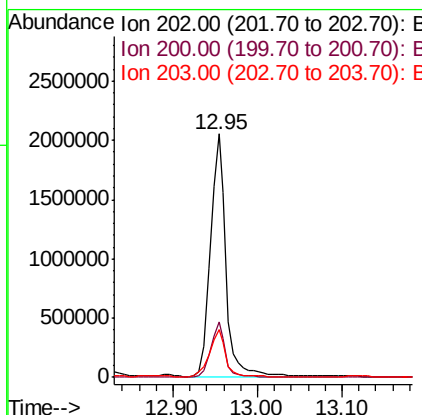
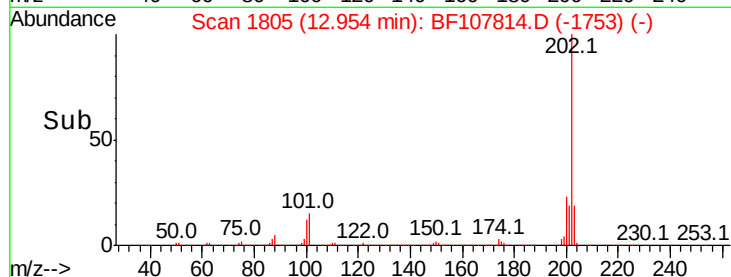
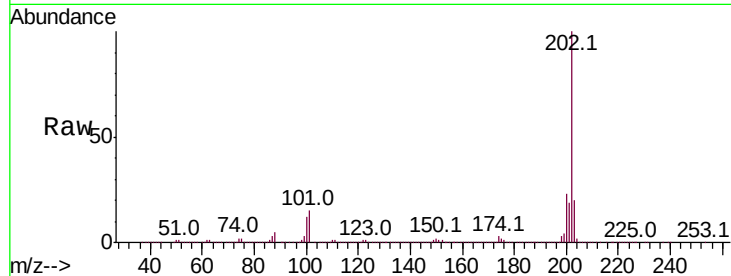
#77
Pvrene
Concen: 79.077 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion:202 Resp: 2673505
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.2
203 19.7 14.3 21.5

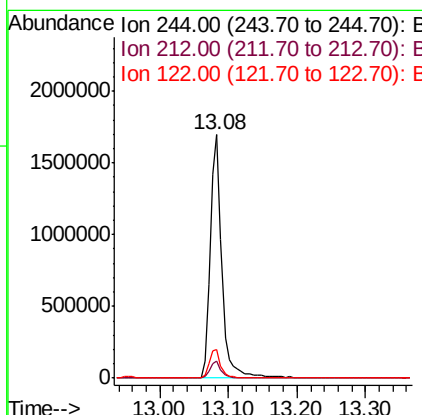
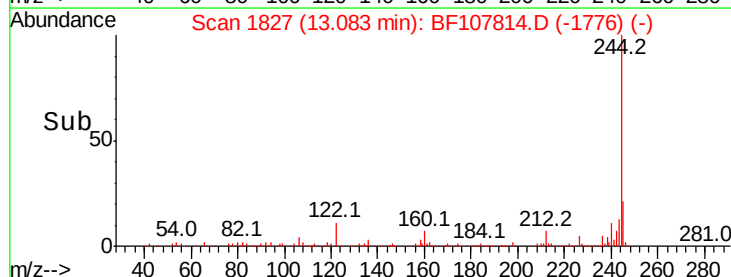
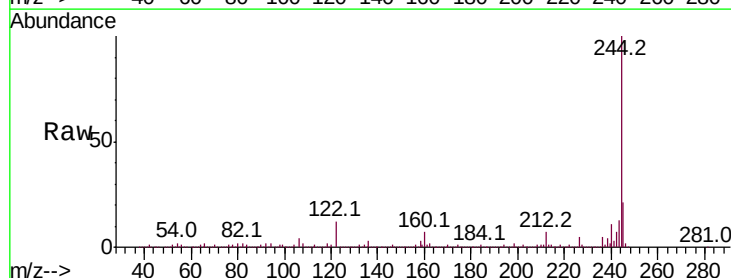
Manual Integrations
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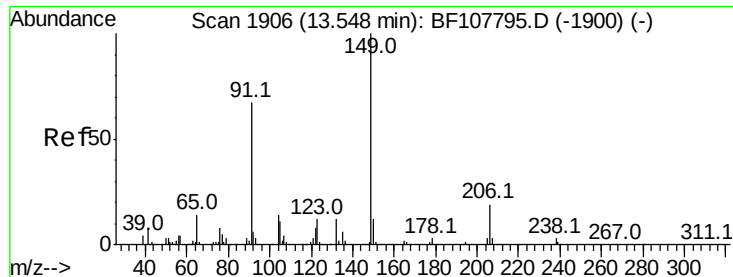
Sohil
7/31/2018 2:42:42 PM



#78
Terphenyl-d14
Concen: 93.110 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion:244 Resp: 2016035
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 11.5 11.0 16.4





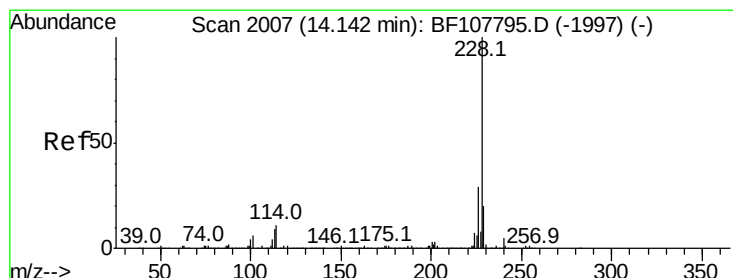
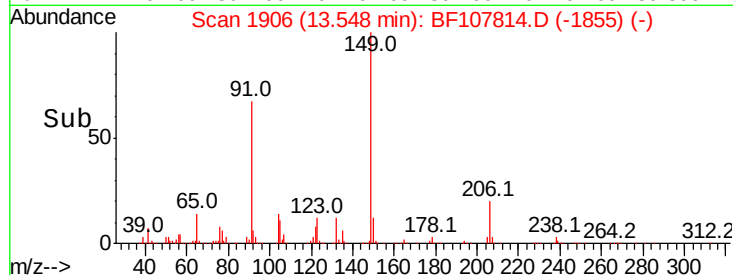
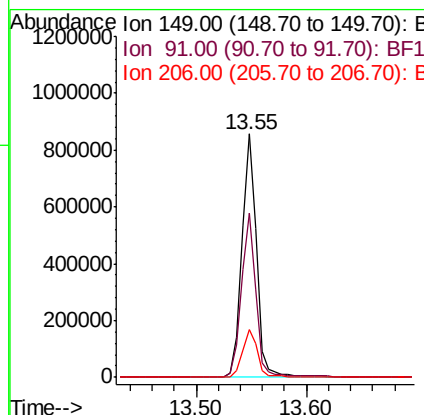
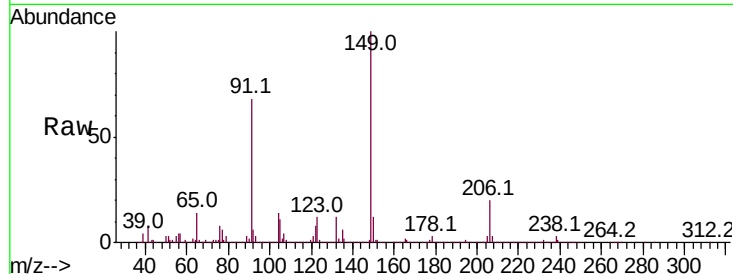
#79
Butylbenzylphthalate
Concen: 53.714 ng
RT: 13.55 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.8	85.2
206	19.8	14.1	21.1

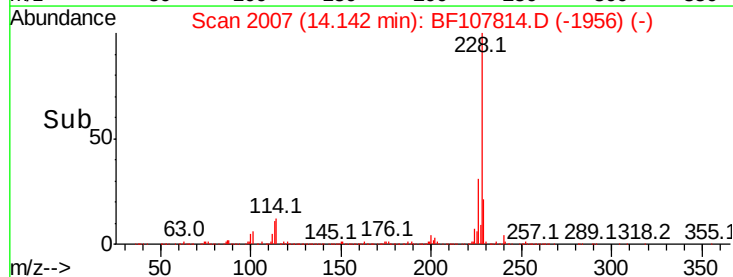
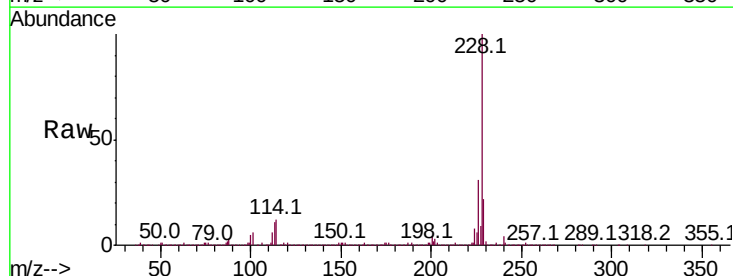
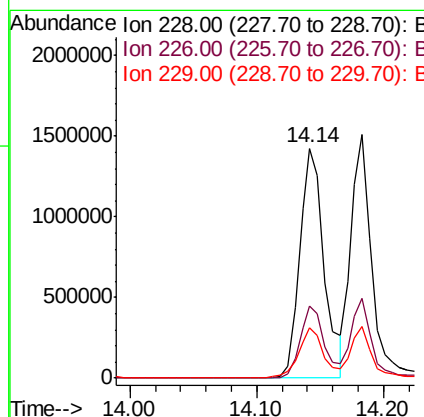
Manual Integrations
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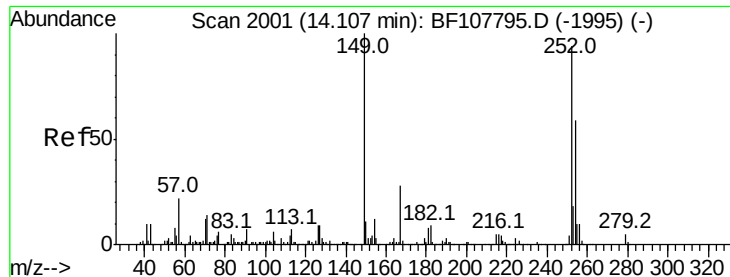
Sohil
7/31/2018 2:42:42 PM



#80
Benzo(a)anthracene
Concen: 71.713 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.7	15.8	23.6





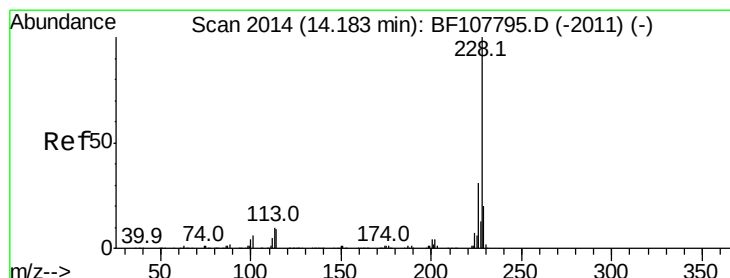
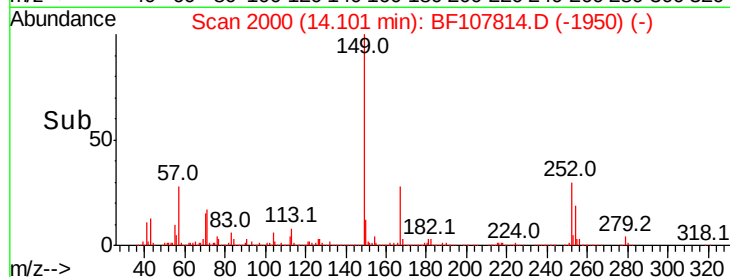
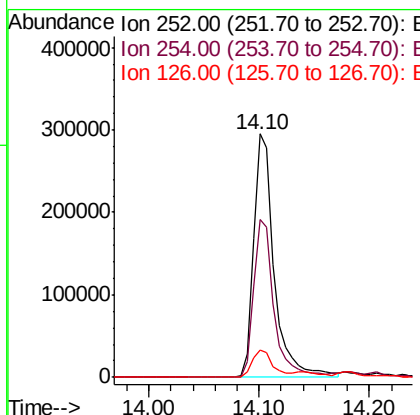
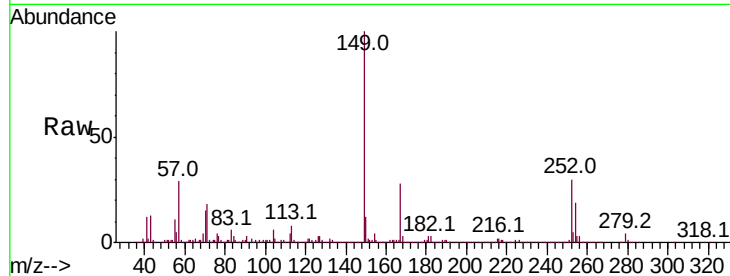
#81
 3,3'-Dichlorobenzidine
 Concen: 37.543 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	387065		
254	64.9	50.4	75.6	
126	11.4	11.3	16.9	

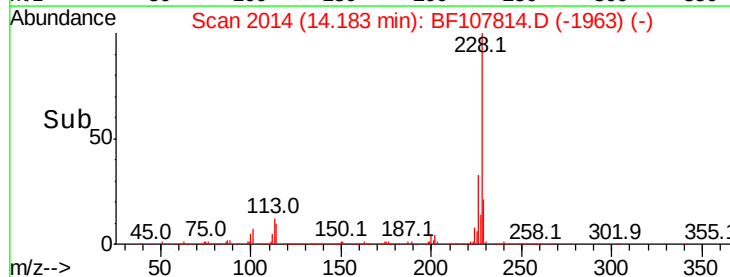
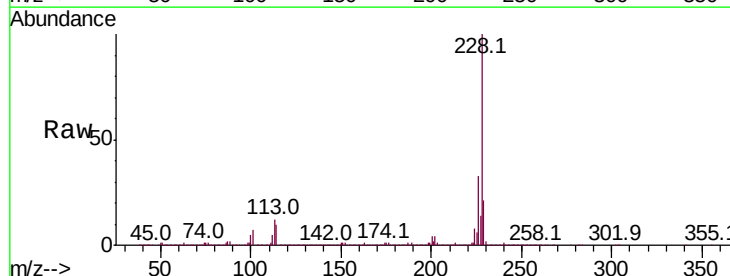
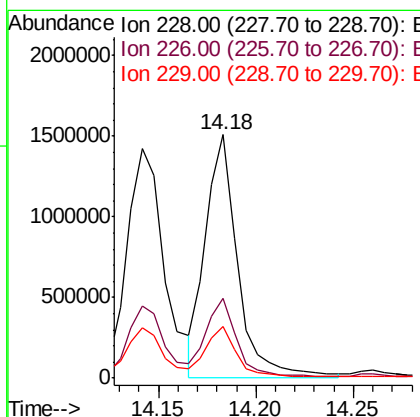
Manual Integrations
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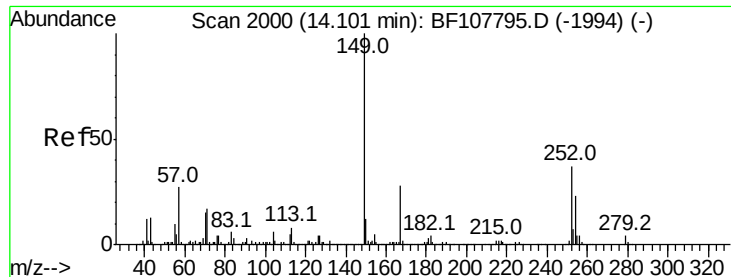
Sohil
 7/31/2018 2:42:42 PM



#82
 Chrysene
 Concen: 60.853 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1745661		
226	32.8	25.0	37.6	
229	21.4	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.907 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

ClientSampleId :

SB-6(7-9)MS

Tot Ion:149 Resp: 1003345

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

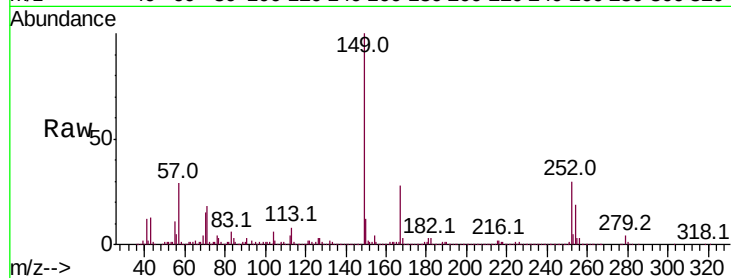
279 4.4 3.0 4.4

Manual Integrations

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Sohil

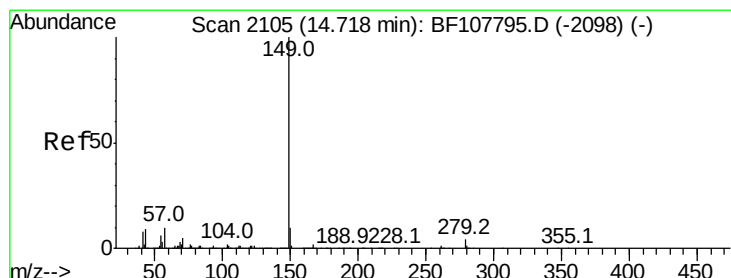
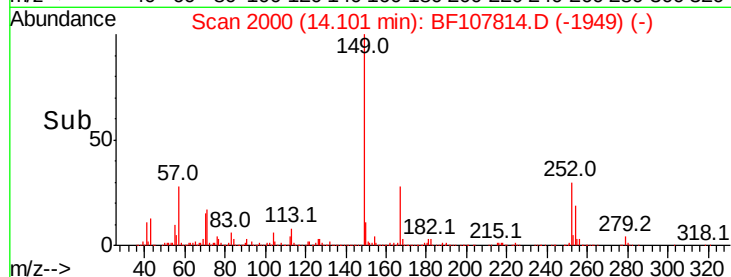
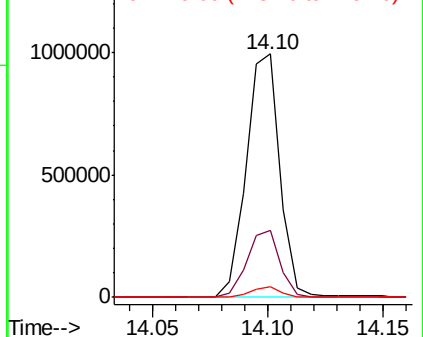
7/31/2018 2:42:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.496 ng

RT: 14.72 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

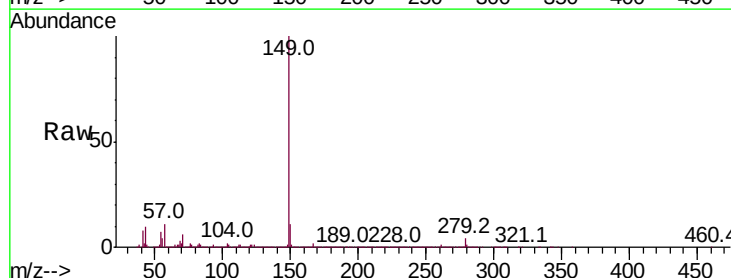
Tgt Ion:149 Resp: 1657935

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

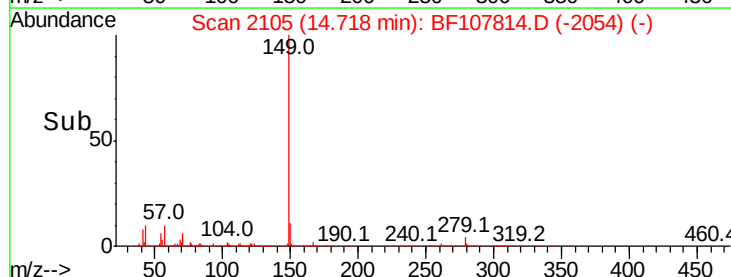
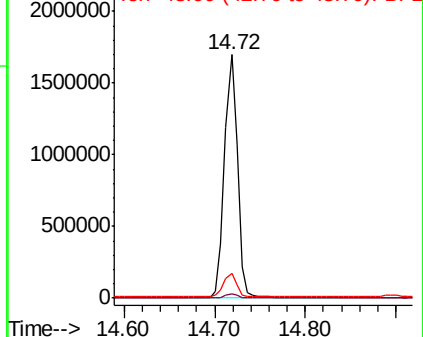
43 9.8 8.4 12.6

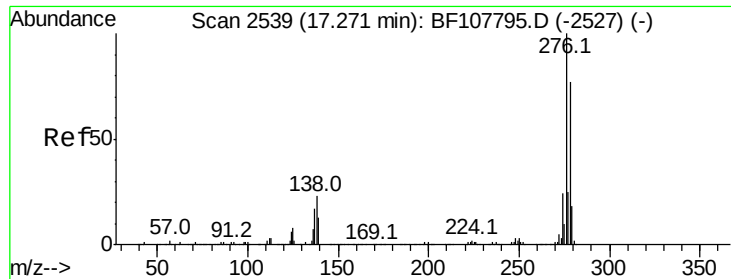


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





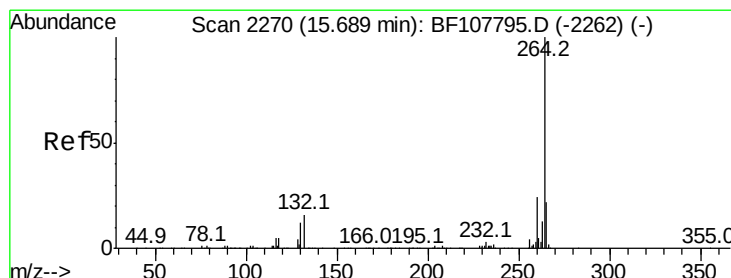
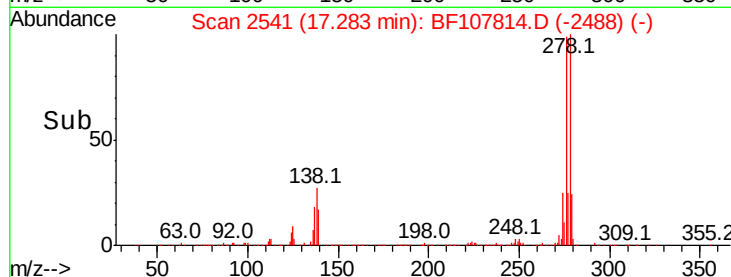
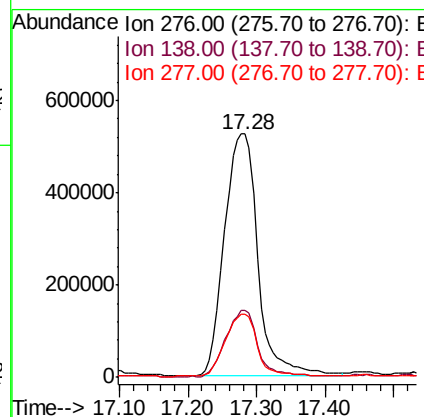
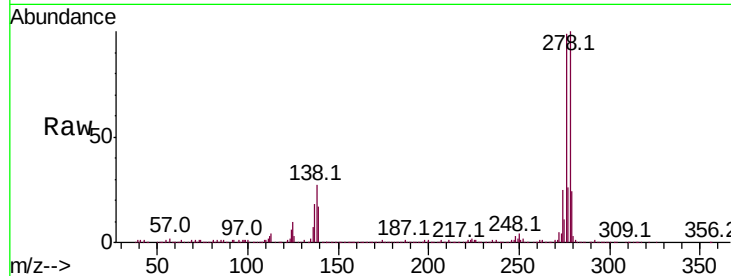
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 81.319 ng
 RT: 17.28 min Scan# 2541
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.0	37.6
277	25.1	20.1	30.1

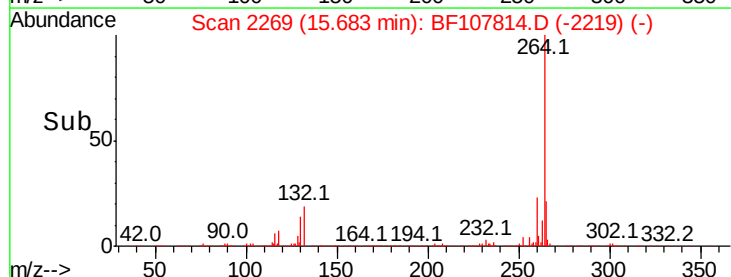
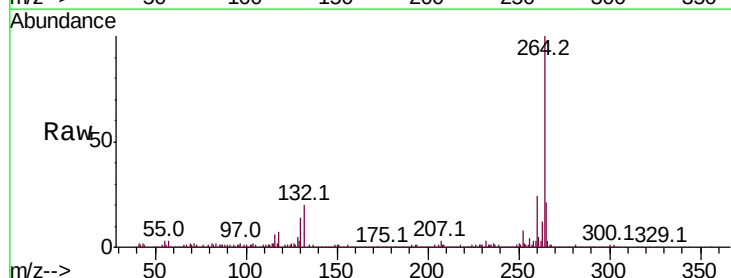
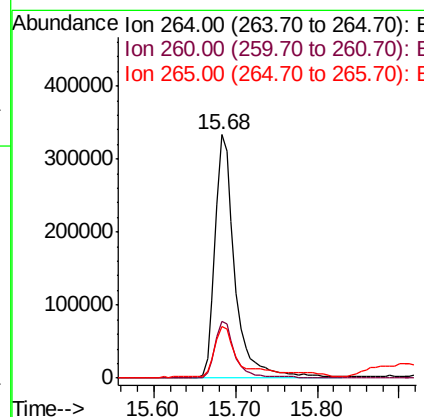
Manual Integrations
 APPROVED

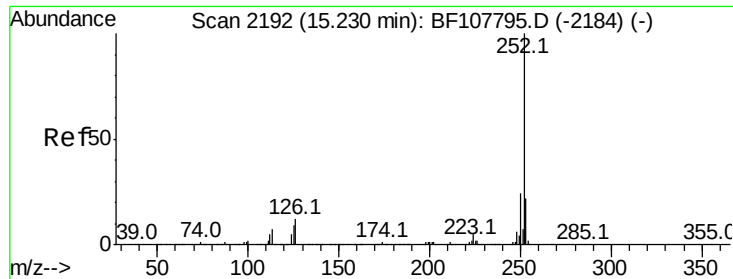
Sohil
 7/31/2018 2:42:42 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 65.605 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

Instrument :

BNA_F

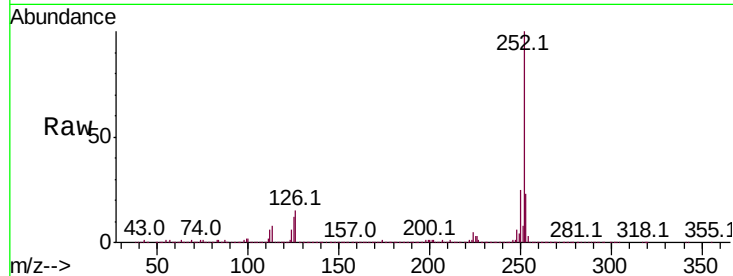
ClientSampleId :

SB-6(7-9)MS

Tot Ion:252	Resp: 1826605		
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.8	9.0	13.6

Manual Integrations
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Sohil
7/31/2018 2:42:42 PM

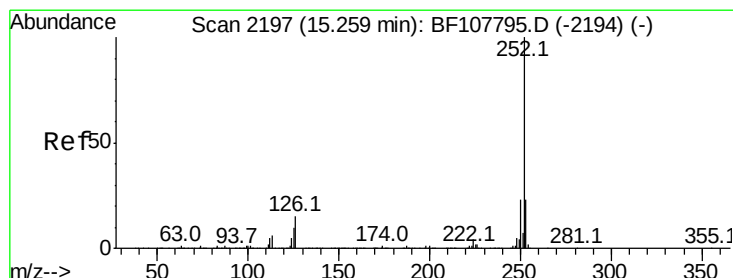
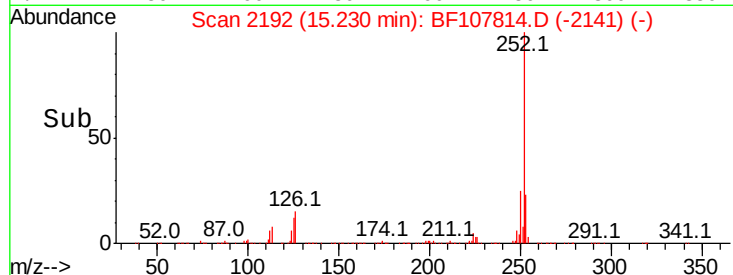
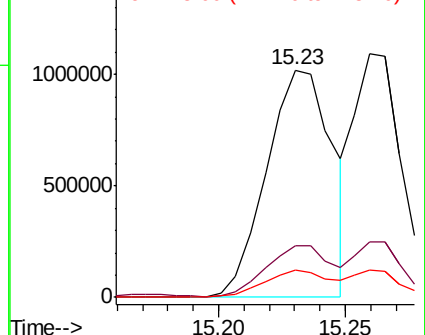


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.810 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF107814.D

Acq: 30 Jul 2018 21:40

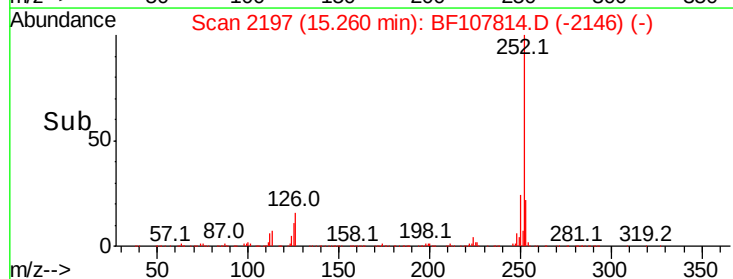
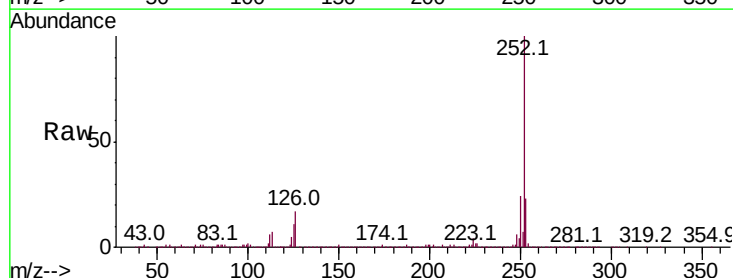
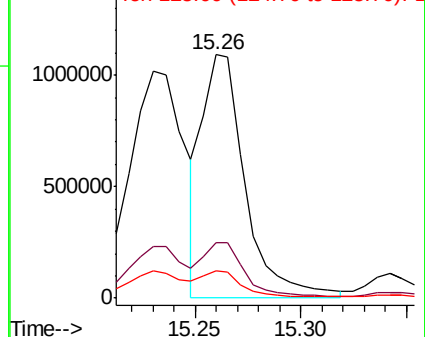
Tgt Ion:252	Resp: 1531770		
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.4	10.2	15.2

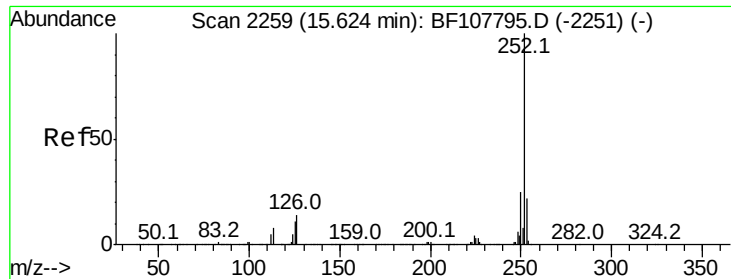
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





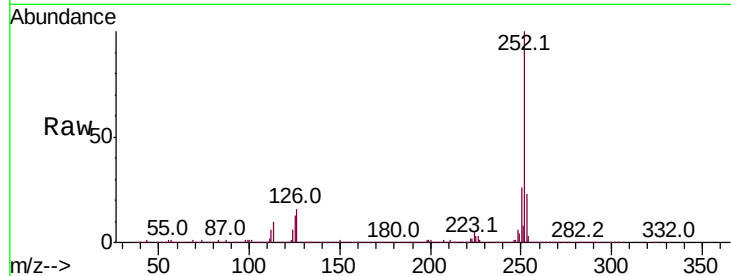
#89
Benzo(a)pyrene
Concen: 60.718 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

Instrument :
BNA_F
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	12.6	9.8	14.6

Manual Integrations
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Sohil
7/31/2018 2:42:42 PM

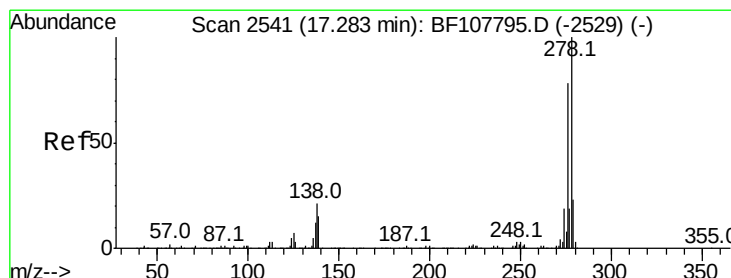
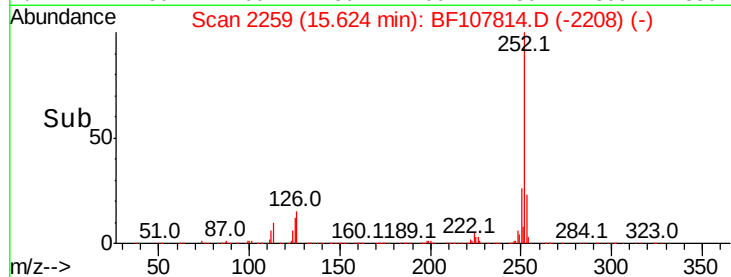
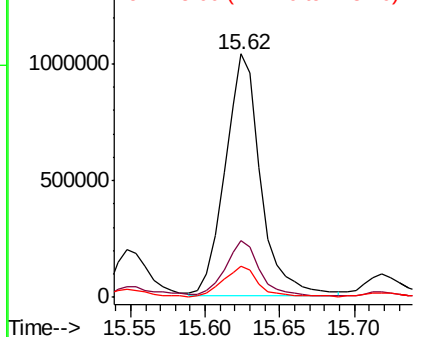


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 53.513 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107814.D
Acq: 30 Jul 2018 21:40

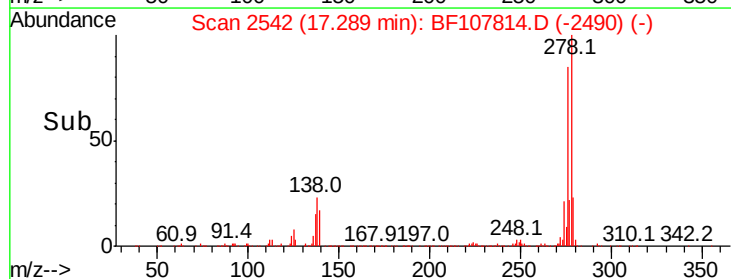
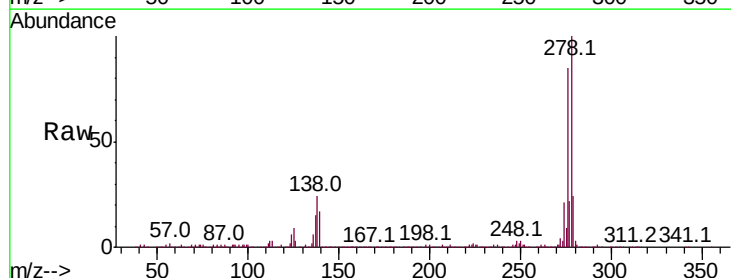
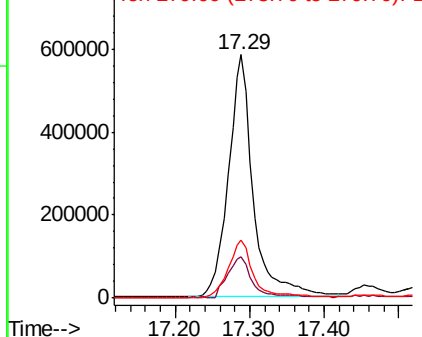
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	23.6	19.0	28.4

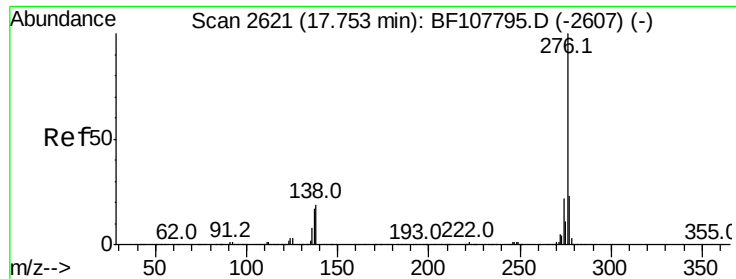
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 60.888 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107814.D
 Acq: 30 Jul 2018 21:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:42:42 PM

