

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108164.D
 Acq On : 15 Aug 2018 14:40
 Operator : JU/SJ
 Sample : PB111971BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:26:58 PM

Quant Time: Aug 15 16:13:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193970	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	771314	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	391278	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	784030	20.00	ng	0.00
75) Chrysene-d12	14.22	240	604235	20.00	ng	0.00
86) Perylene-d12	15.79	264	453522	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1485270	138.63	ng	0.04
7) Phenol-d6	6.65	99	2033503	142.83	ng	0.02
23) Nitrobenzene-d5	7.58	82	1081383	78.23	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	613726	157.25	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2066852	84.81	ng	0.00
78) Terphenyl-d14	13.15	244	2120564	89.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	200203	36.366	ng	87
3) Pyridine	3.79	79	560110	39.496	ng	87
4) n-Nitrosodimethylamine	3.75	42	300815	37.697	ng	83
6) Aniline	6.68	93	615189	31.767	ng	98
8) 2-Chlorophenol	6.81	128	507156	42.029	ng	93
9) Benzaldehyde	6.57	77	301778	27.339	ng	93
10) Phenol	6.66	94	609219	41.368	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	494909	41.568	ng	93
12) 1,3-Dichlorobenzene	6.96	146	581211	41.657	ng	98
13) 1,4-Dichlorobenzene	7.04	146	578484	41.267	ng	98
14) 1,2-Dichlorobenzene	7.19	146	541563	41.533	ng	98
15) Benzyl Alcohol	7.16	79	491740	41.028	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	972994	39.670	ng	97
17) 2-Methylphenol	7.27	107	436693	42.201	ng	96
18) Hexachloroethane	7.53	117	212646	42.609	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	388604	40.363	ng	# 88
20) 3+4-Methylphenols	7.41	107	547686	41.302	ng	91
22) Acetophenone	7.43	105	730465	40.502	ng	# 95
24) Nitrobenzene	7.60	77	577559	41.321	ng	95
25) Isophorone	7.84	82	1063385	40.362	ng	96
26) 2-Nitrophenol	7.92	139	257032	48.694	ng	96
27) 2,4-Dimethylphenol	7.94	122	483356	41.337	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	639166	41.557	ng	99
29) 2,4-Dichlorophenol	8.15	162	464373	43.154	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	489367	41.247	ng	98
31) Naphthalene	8.32	128	1476628	42.096	ng	99
32) Benzoic acid	8.07	122	267657	40.510	ng	94
33) 4-Chloroaniline	8.37	127	370910	24.264	ng	100
34) Hexachlorobutadiene	8.44	225	313673	41.764	ng	99
35) Caprolactam	8.75	113	159990m	47.444	ng	
36) 4-Chloro-3-methylphenol	8.85	107	482671	41.579	ng	98
37) 2-Methylnaphthalene	9.02	142	1027333	41.395	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	509161	42.374	ng	98
40) Hexachlorocyclopentadiene	9.17	237	632855	81.542	ng	98

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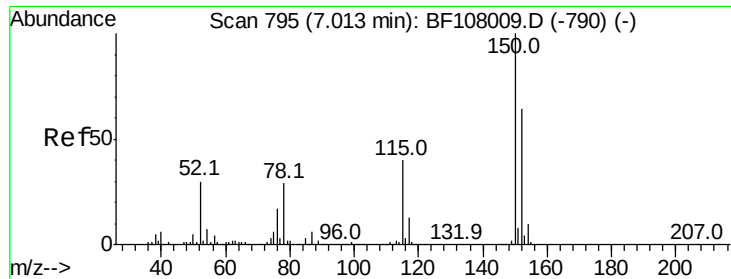
Manual Integrations
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Sohil
 8/16/2018 5:26:58 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	350371	46.989	nq	99
43) 2,4,5-Trichlorophenol	9.34	196	366967	44.708	nq #	95
45) 1,1'-Biphenyl	9.48	154	1241866	43.047	nq	99
46) 2-Chloronaphthalene	9.51	162	968224	42.464	nq	97
47) 2-Nitroaniline	9.61	65	330405	44.785	nq	88
48) Acenaphthylene	9.93	152	1543732	42.826	nq	98
49) Dimethylphthalate	9.78	163	1133859	41.601	nq #	98
50) 2,6-Dinitrotoluene	9.85	165	251034	44.022	nq	96
51) Acenaphthene	10.10	154	1001228	45.348	nq	99
52) 3-Nitroaniline	10.02	138	183021	29.334	nq	98
53) 2,4-Dinitrophenol	10.13	184	187382	87.119	nq #	20
54) Dibenzofuran	10.28	168	1334010	41.705	nq	96
55) 4-Nitrophenol	10.18	139	398441	84.333	nq	84
56) 2,4-Dinitrotoluene	10.25	165	337606	45.995	nq #	93
57) Fluorene	10.62	166	1062634	41.966	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	300332	43.777	nq #	87
59) Diethylphthalate	10.48	149	1094918	41.486	nq	95
60) 4-Chlorophenyl-phenylether	10.61	204	549277	41.630	nq	92
61) 4-Nitroaniline	10.64	138	265713	43.076	nq	94
62) Azobenzene	10.77	77	1128179	41.391	nq	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	124676	42.986	nq	93
65) n-Nitrosodiphenylamine	10.73	169	968478	41.801	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	356594	41.852	nq #	85
67) Hexachlorobenzene	11.17	284	369157	41.179	nq #	88
68) Atrazine	11.25	200	334771	43.080	nq	96
69) Pentachlorophenol	11.37	266	372205	86.743	nq	97
70) Phenanthrene	11.59	178	1529068	41.349	nq	98
71) Anthracene	11.64	178	1584300	41.800	nq	98
72) Carbazole	11.79	167	1390669	41.297	nq	99
73) Di-n-butylphthalate	12.11	149	1657279	43.449	nq	99
74) Fluoranthene	12.79	202	1661920	41.178	nq	95
76) Benzidine	12.90	184	869803	38.528	nq	99
77) Pyrene	13.02	202	1659823	43.389	nq	97
79) Butylbenzylphthalate	13.62	149	710299	46.760	nq	94
80) Benzo(a)anthracene	14.21	228	1460760	42.125	nq	98
81) 3,3'-Dichlorobenzidine	14.17	252	324808	26.137	nq #	97
82) Chrysene	14.25	228	1333580	41.948	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	916213	44.540	nq	99
84) Di-n-octyl phthalate	14.80	149	1460439	46.553	nq	95
85) Indeno(1,2,3-cd)pyrene	17.42	276	970687	35.239	nq #	91
87) Benzo(b)fluoranthene	15.32	252	1155491m	42.638	nq	
88) Benzo(k)fluoranthene	15.35	252	1130938	45.399	nq #	97
89) Benzo(a)pyrene	15.72	252	1047047	43.147	nq	97
90) Dibenzo(a,h)anthracene	17.44	278	799645	39.826	nq #	93
91) Benzo(g,h,i)perylene	17.92	276	800042	40.465	nq #	90

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



#1

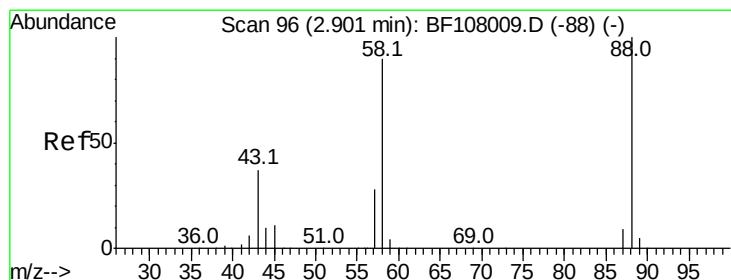
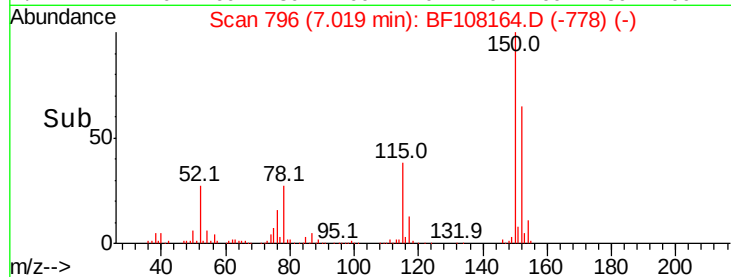
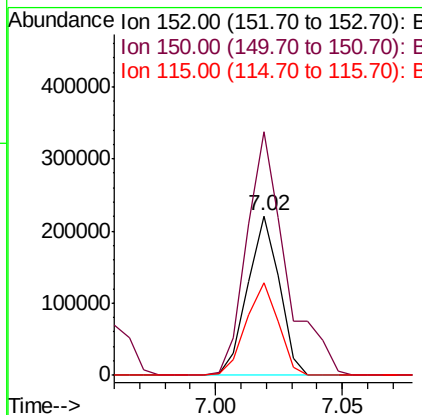
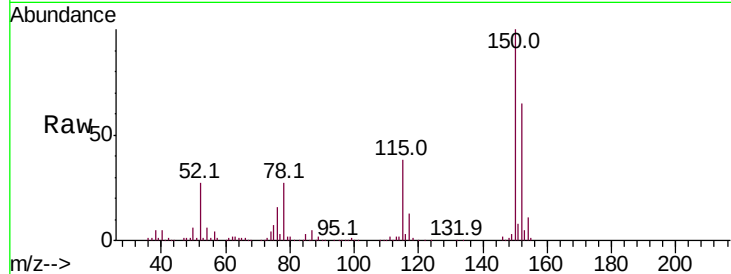
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	58.3	50.1	75.1

Manual Integrations
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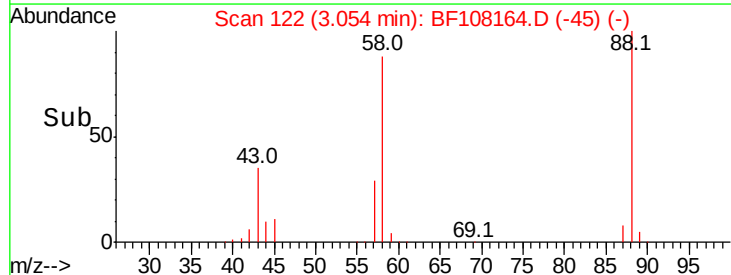
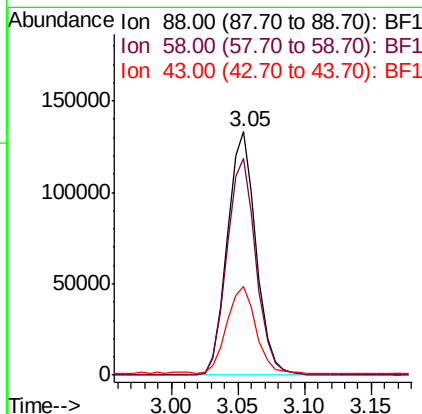
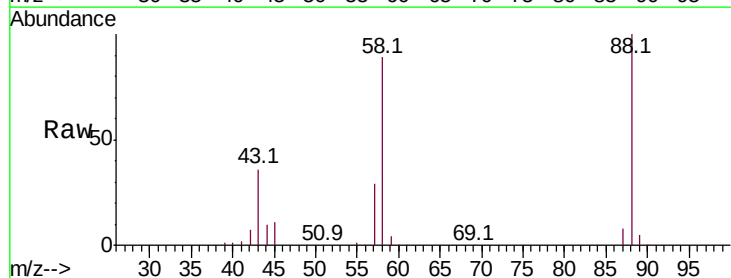
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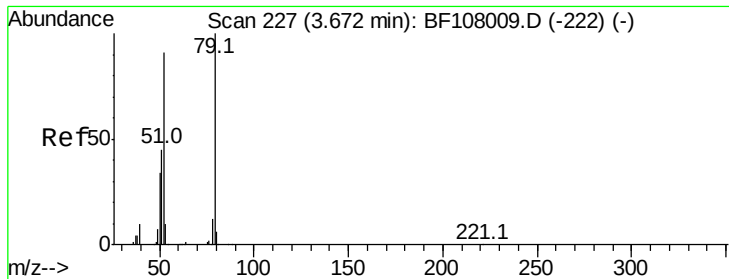


#2

1,4-Dioxane
Concen: 36.366 ng
RT: 3.05 min Scan# 122
Delta R.T. 0.15 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	62.6	93.8
43	36.6	24.6	37.0





#3

Pvridine

Concen: 39.496 ng

RT: 3.79 min Scan# 247

Delta R.T. 0.12 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

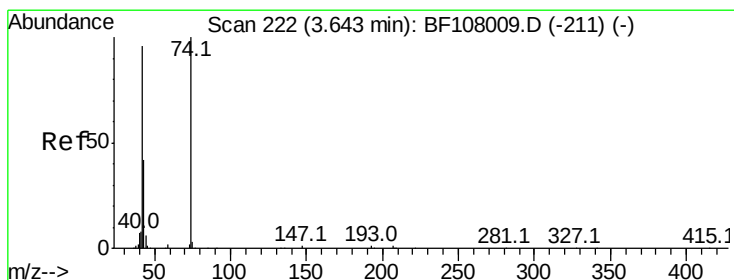
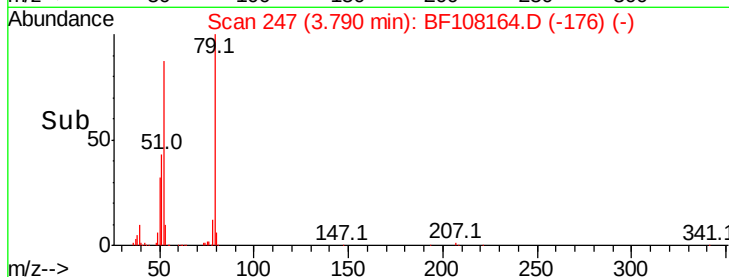
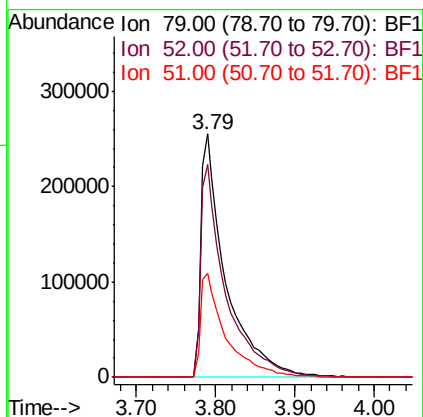
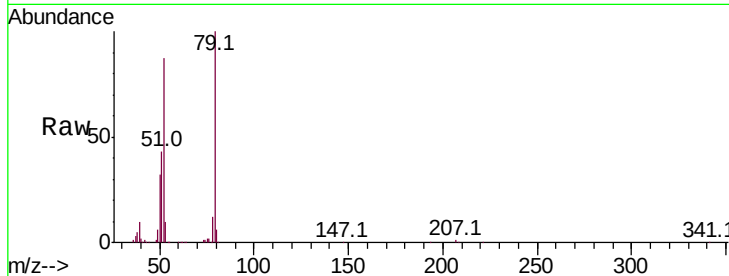
ClientSampleId :

PB111971BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.4	59.8	89.6
51	42.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.697 ng

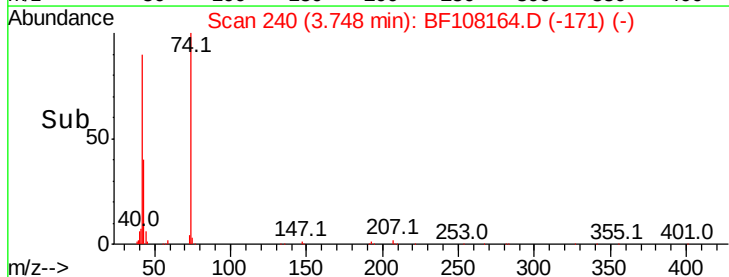
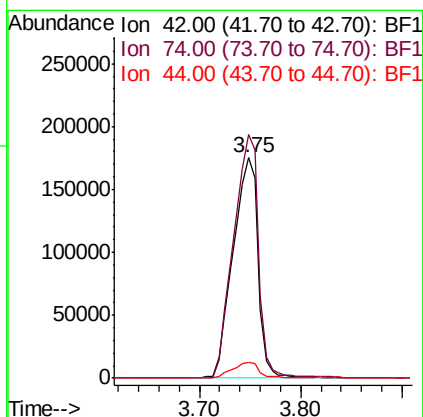
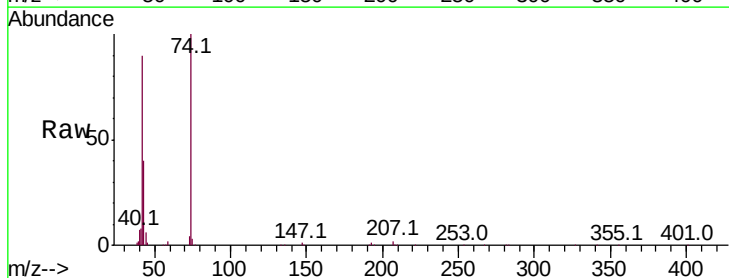
RT: 3.75 min Scan# 240

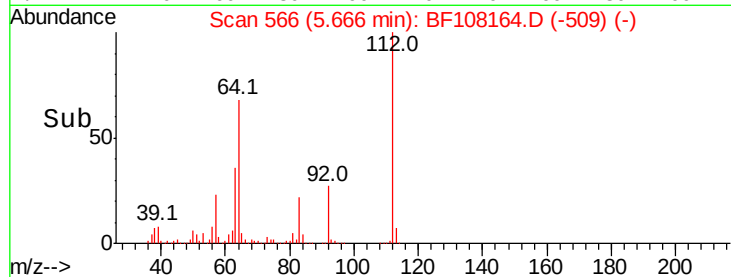
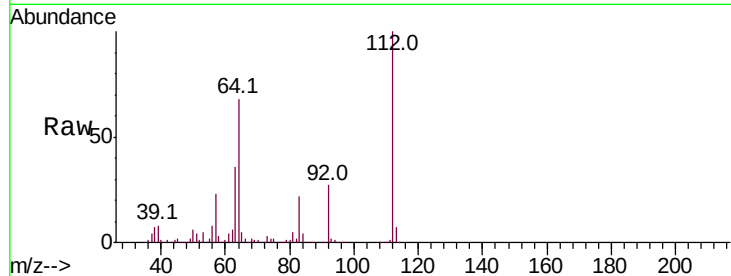
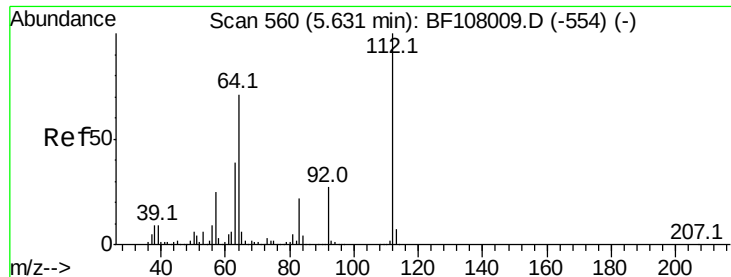
Delta R.T. 0.11 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.6	104.9	157.3
44	7.0	6.9	10.3





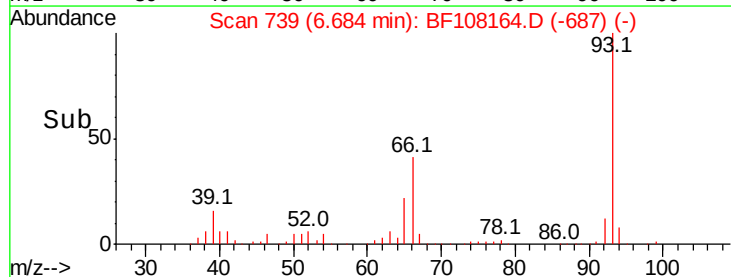
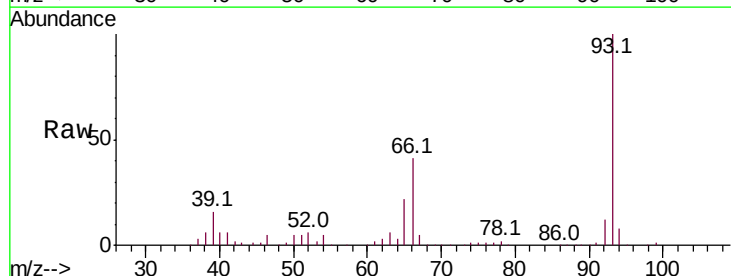
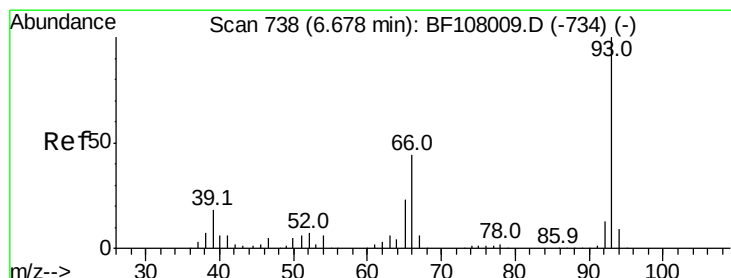
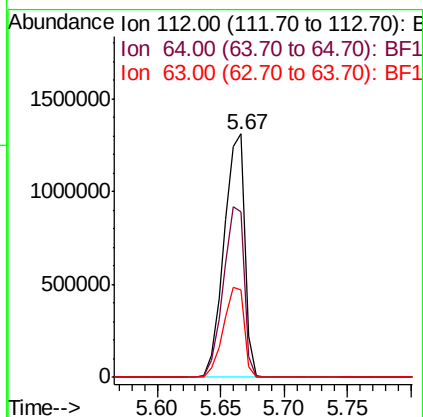
#5
2-Fluorophenol
Concen: 138.630 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tot Ion: 112 Resp: 1485270
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 36.2 23.7 35.5#

Instrument :
BNA_F
ClientSampleId :
PB111971BS

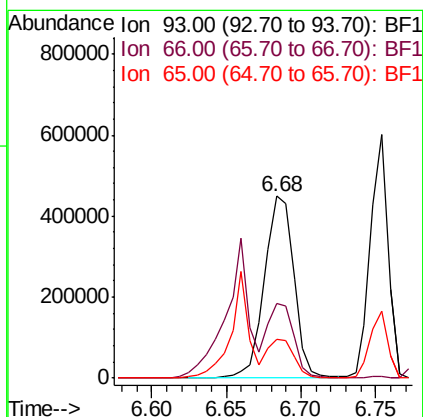
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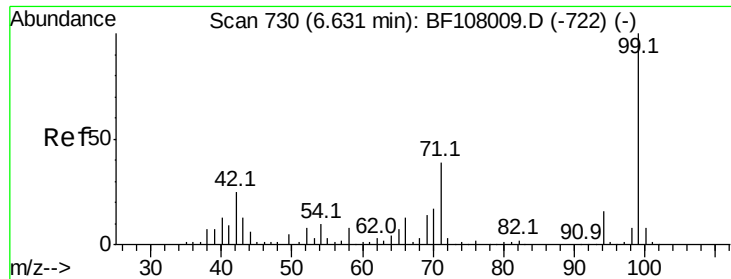
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#6
Aniline
Concen: 31.767 ng
RT: 6.68 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion: 93 Resp: 615189
Ion Ratio Lower Upper
93 100
66 41.3 32.2 48.2
65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 142.829 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion: 99 Resp: 2033503

Ion Ratio Lower Upper

99 100

42 24.4 14.5 21.7#

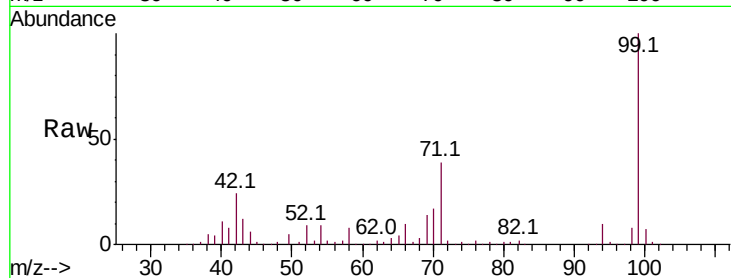
71 38.6 25.4 38.0#

Manual Integrations

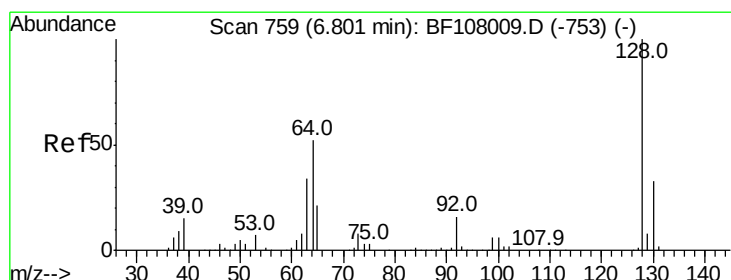
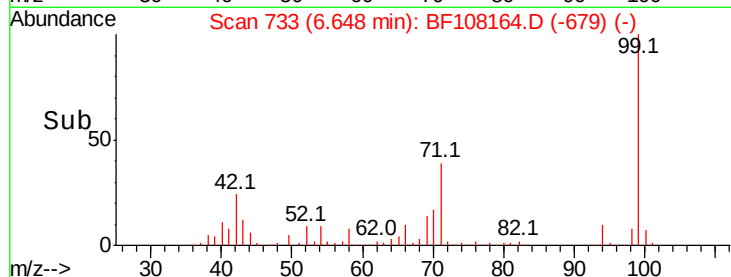
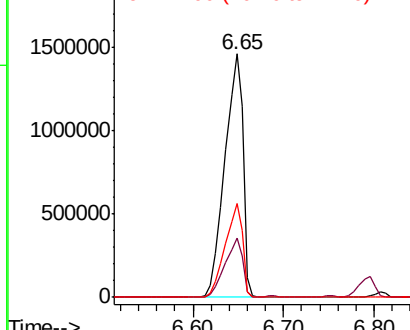
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.029 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

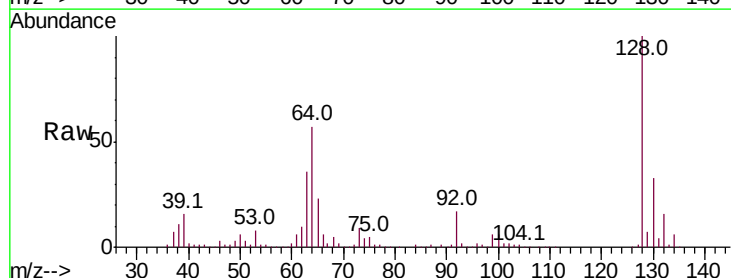
Tgt Ion:128 Resp: 507156

Ion Ratio Lower Upper

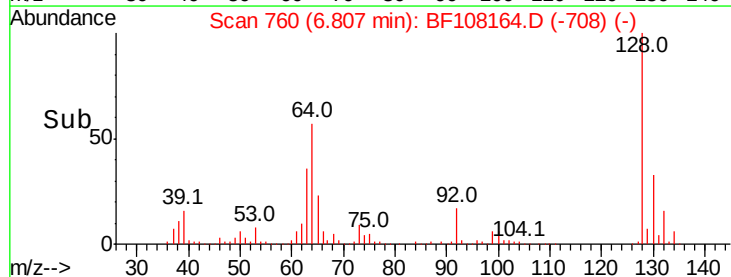
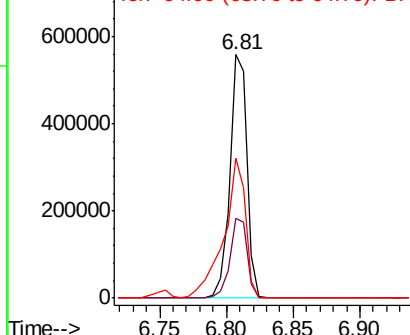
128 100

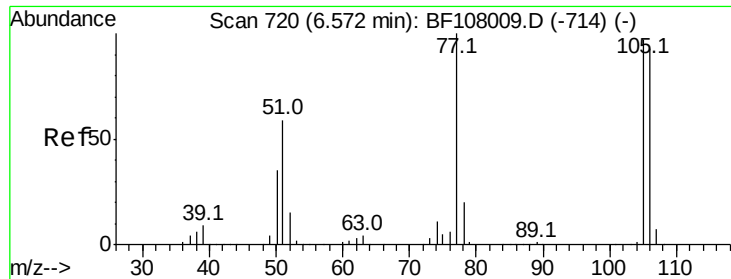
130 33.0 13.0 53.0

64 57.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 27.339 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion: 77 Resp: 301778

Ion Ratio Lower Upper

77 100

105 94.0 81.1 121.1

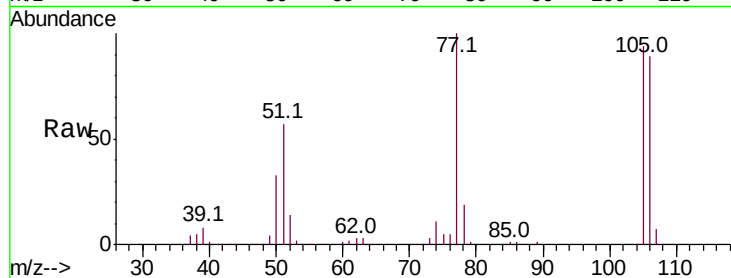
106 88.7 74.5 114.5

Manual Integrations

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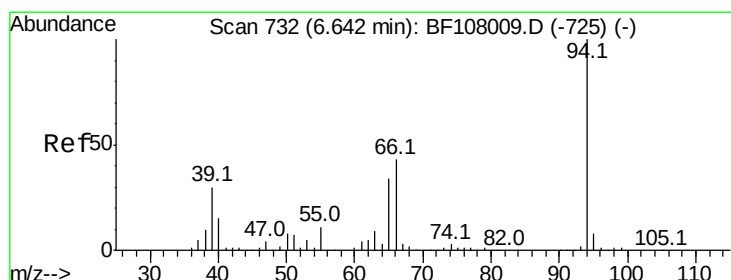
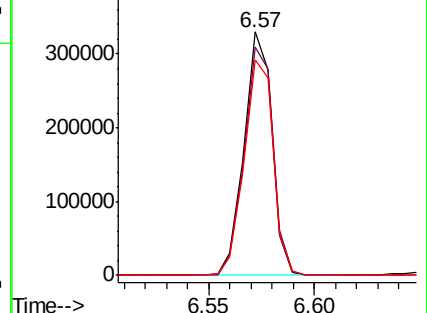
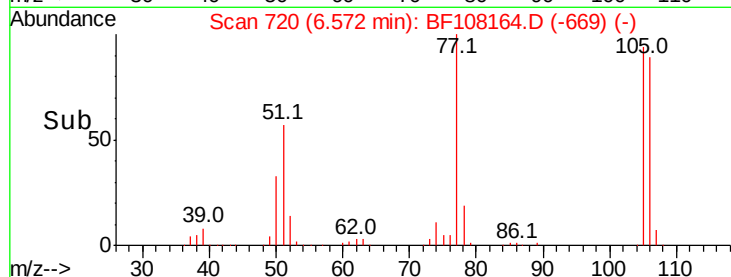
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.368 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

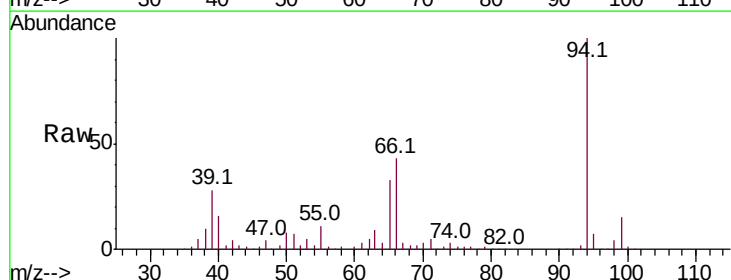
Tgt Ion: 94 Resp: 609219

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

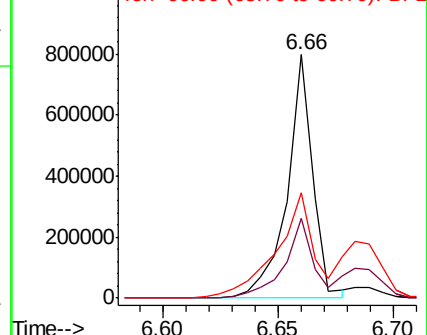
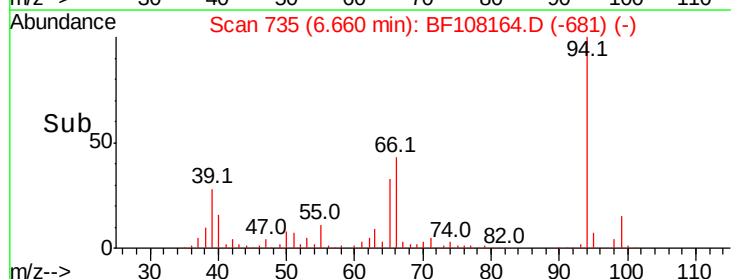
66 43.2 16.2 56.2

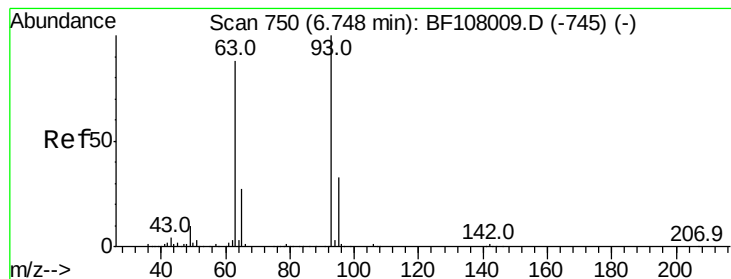


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





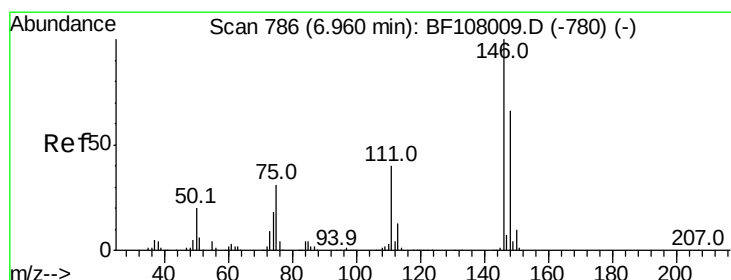
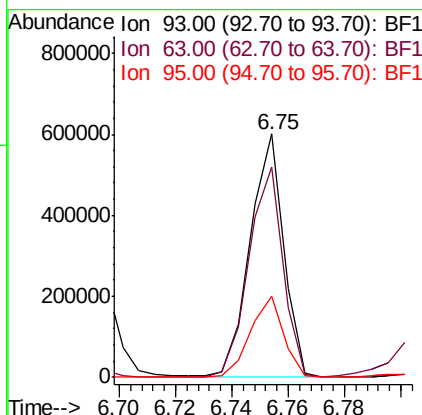
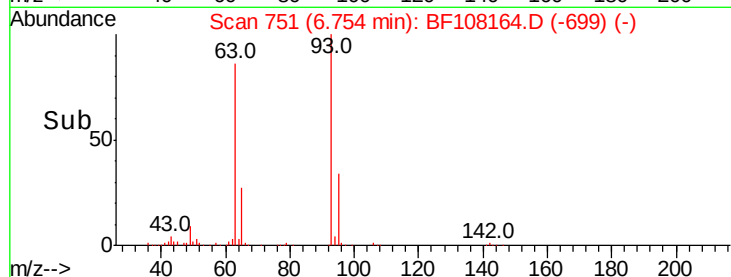
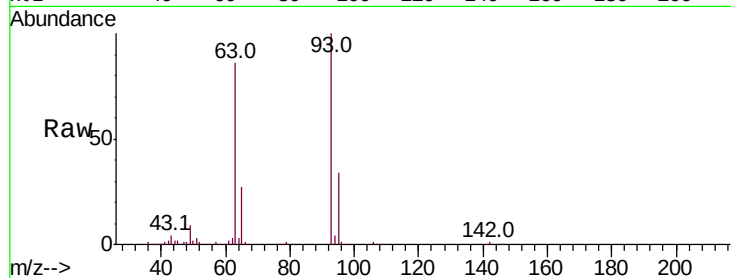
#11
bis(2-Chloroethyl)ether
Concen: 41.568 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.4	58.6	98.6
95	33.5	11.8	51.8

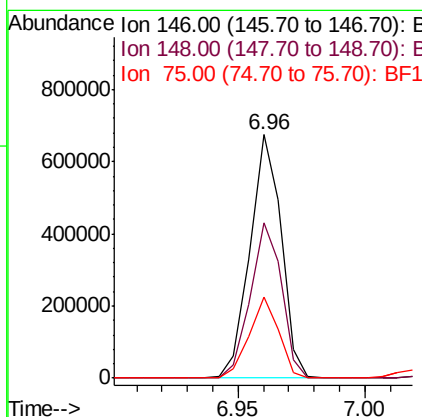
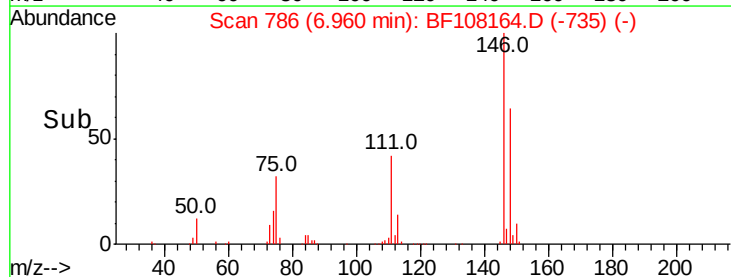
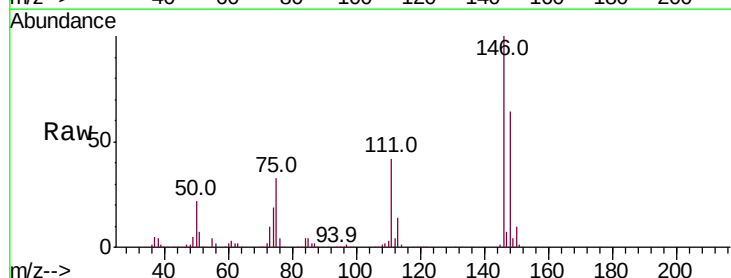
Manual Integrations
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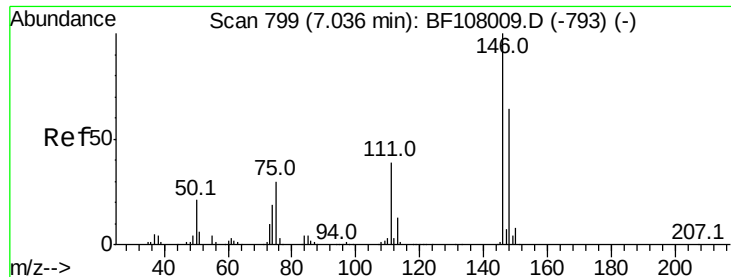
Sohil
8/16/2018 5:26:58 PM



#12
1,3-Dichlorobenzene
Concen: 41.657 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	33.2	24.2	36.4





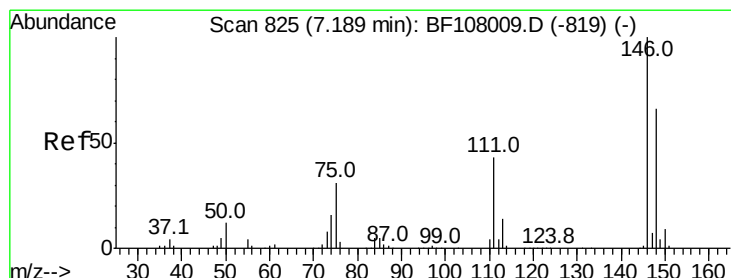
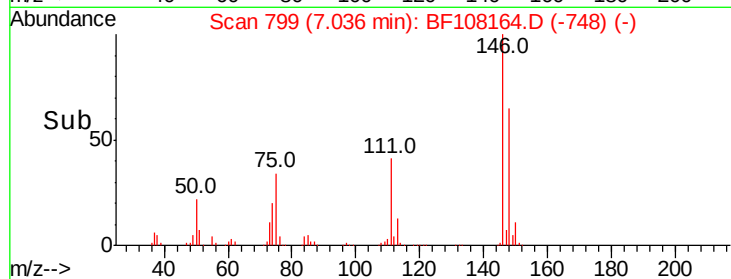
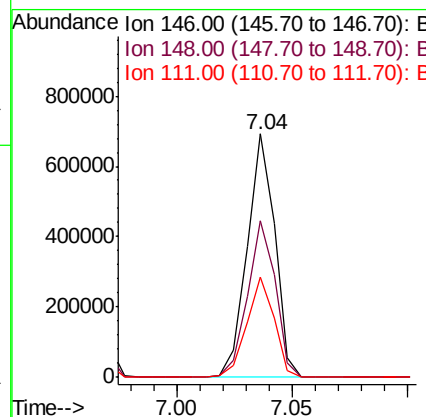
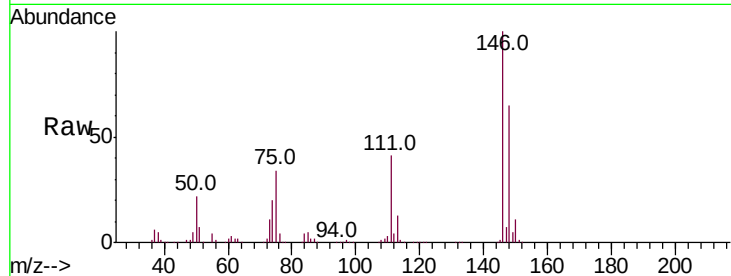
#13
 1,4-Dichlorobenzene
 Concen: 41.267 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.4	34.2	51.2

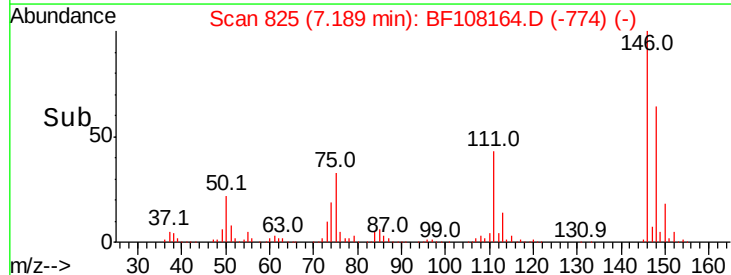
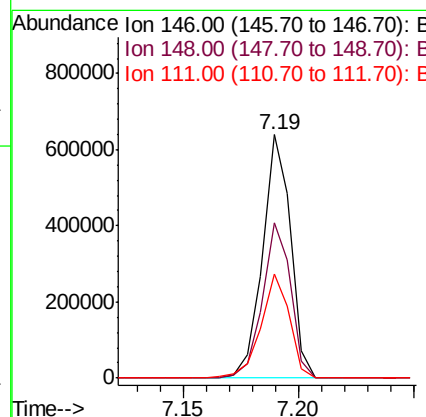
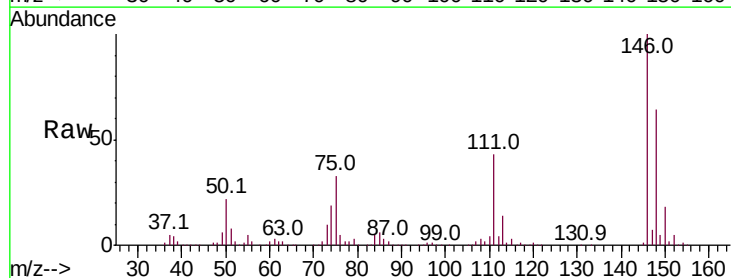
Manual Integrations
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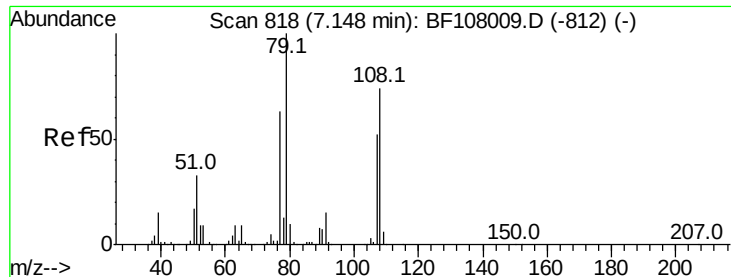
Sohil
 8/16/2018 5:26:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.533 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.028 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

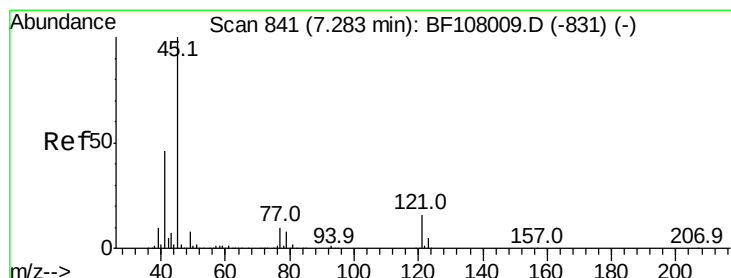
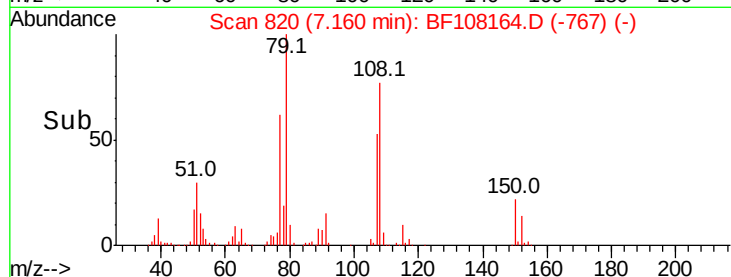
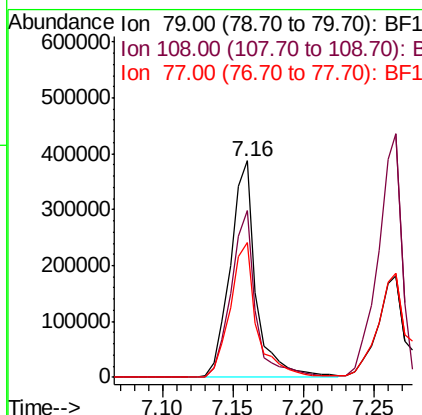
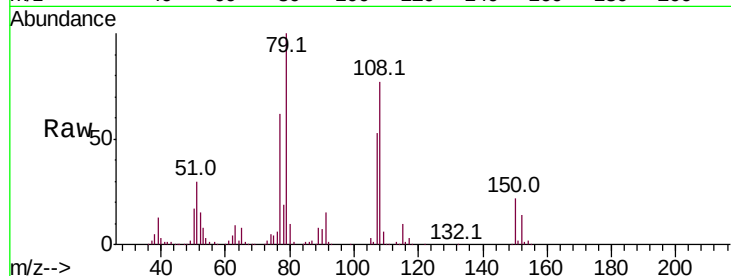
ClientSampled :

PB111971BS

Tot Ion:	79	Resp:	491740
Ion Ratio	Lower	Upper	
79	100		
108	77.2	65.1	97.7
77	62.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.670 ng

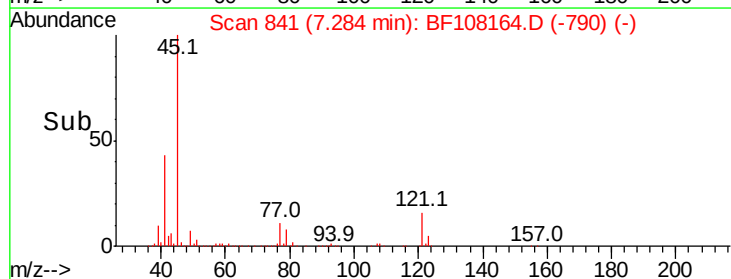
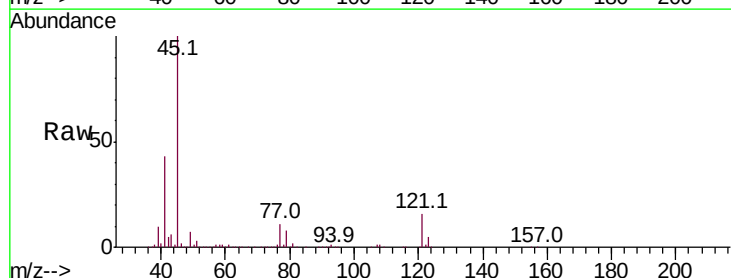
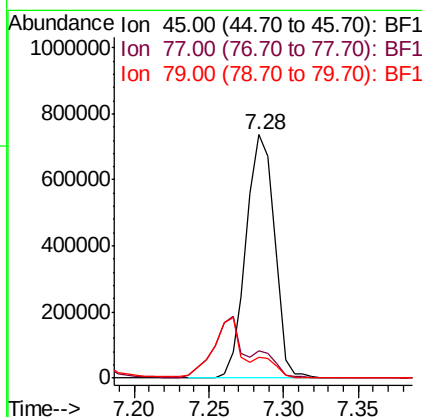
RT: 7.28 min Scan# 841

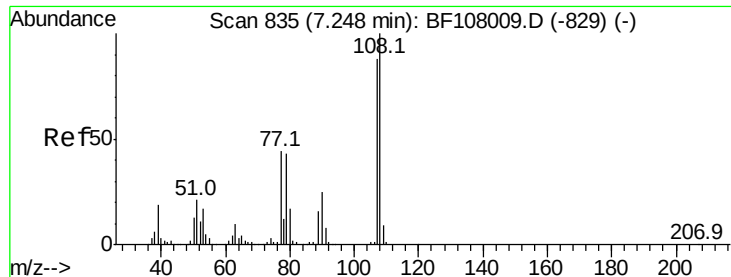
Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion:	45	Resp:	972994
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	32.9
79	8.4	0.0	29.6





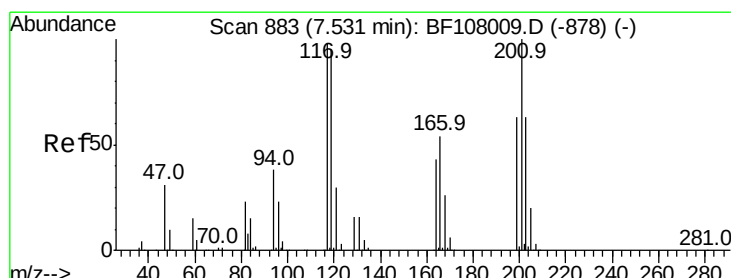
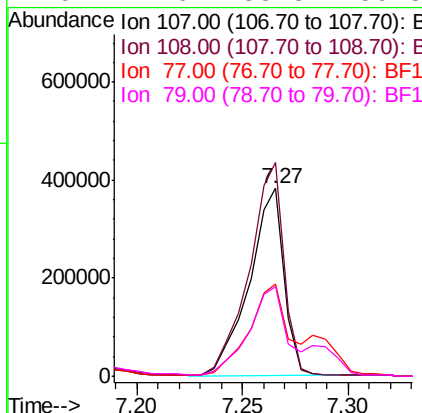
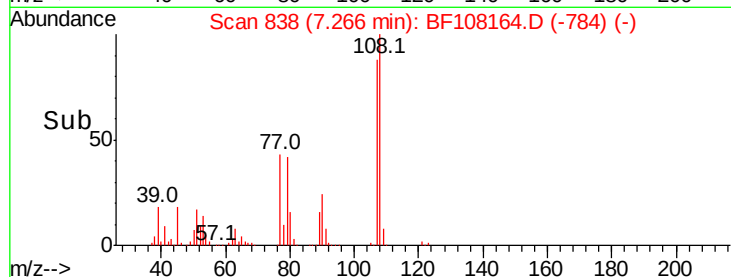
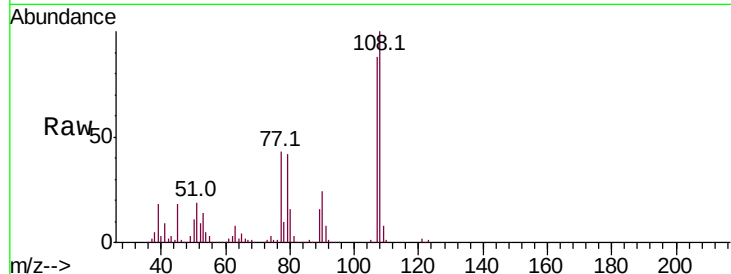
#17
2-Methylphenol
Concen: 42.201 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	48.8	33.8	50.8	
79	47.6	33.8	50.8	

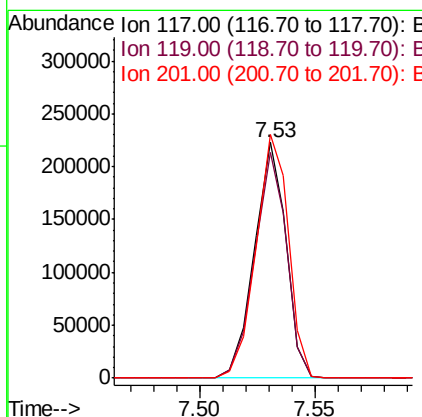
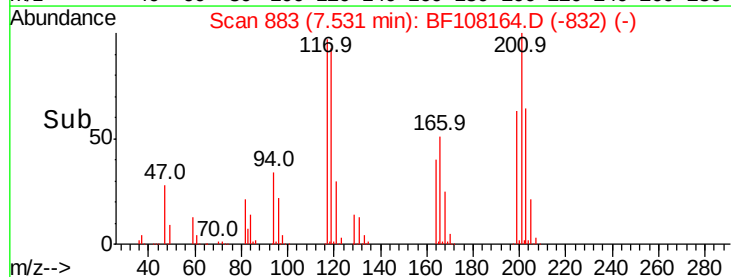
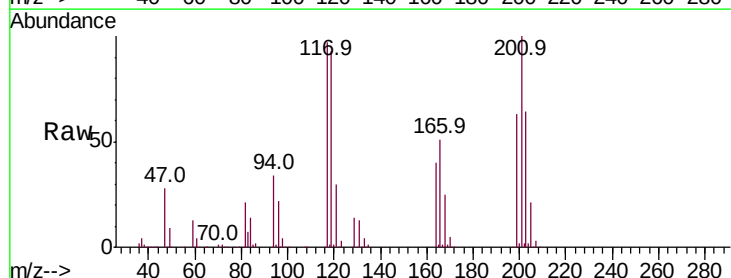
Manual Integrations
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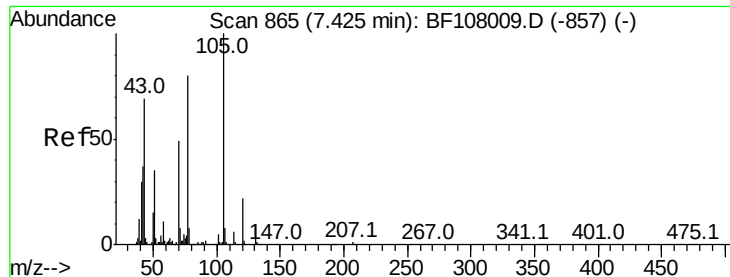
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#18
Hexachloroethane
Concen: 42.609 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	103.4	75.7	113.5	





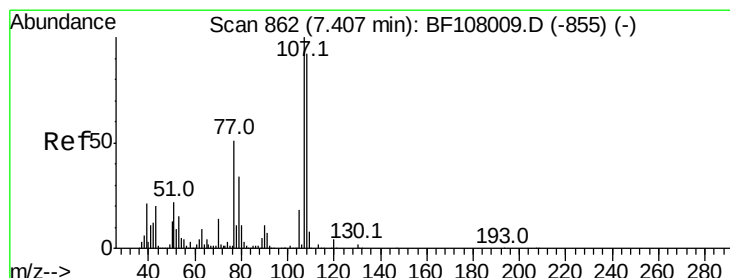
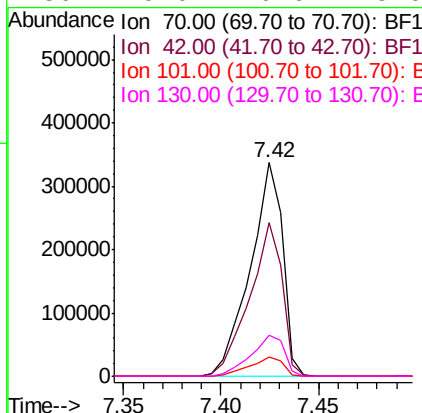
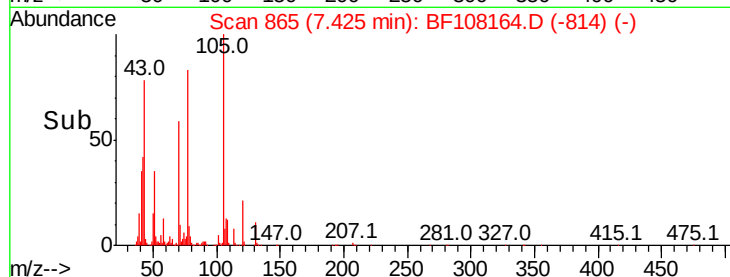
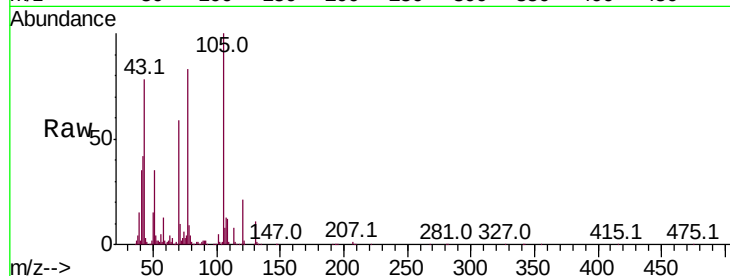
#19
n-Nitroso-di-n-propylamine
Concen: 40.363 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	47.5	71.3#
101	9.2	7.4	11.2
130	19.0	16.6	25.0

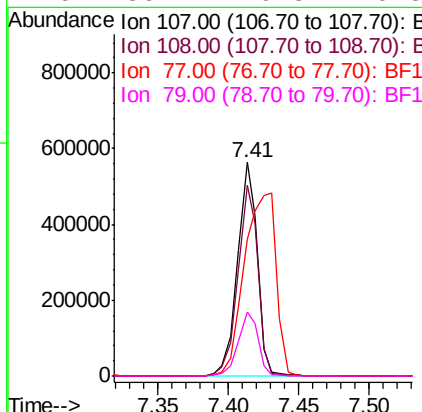
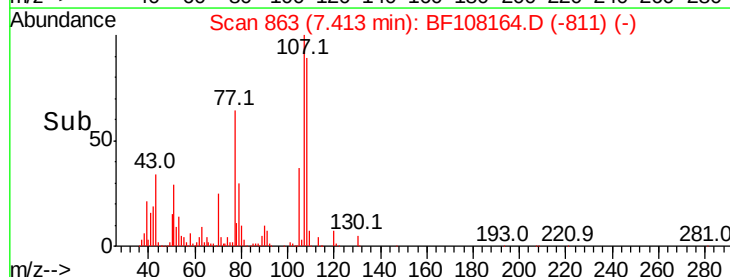
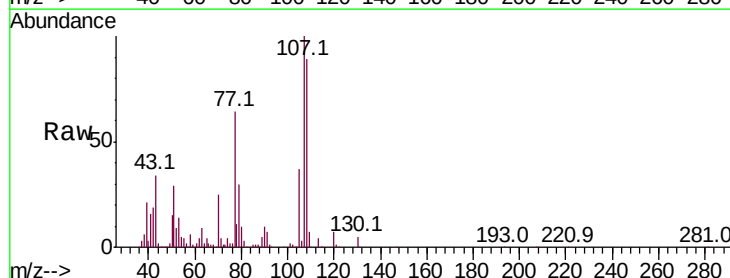
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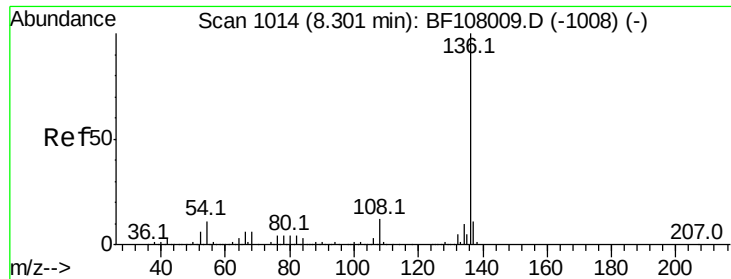
Sohil
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#20
3+4-Methylphenols
Concen: 41.302 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	64.2	26.7	66.7
79	30.1	6.3	46.3





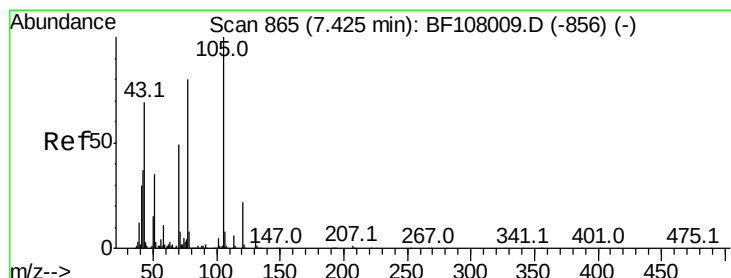
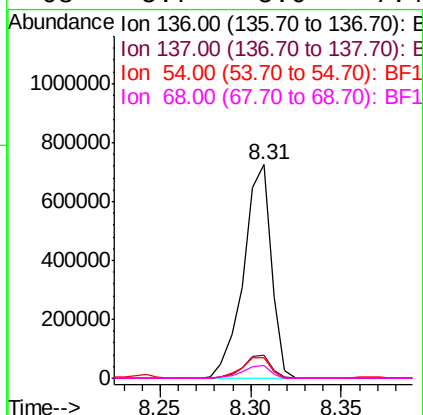
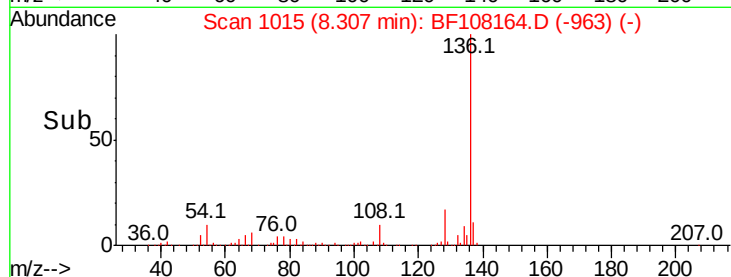
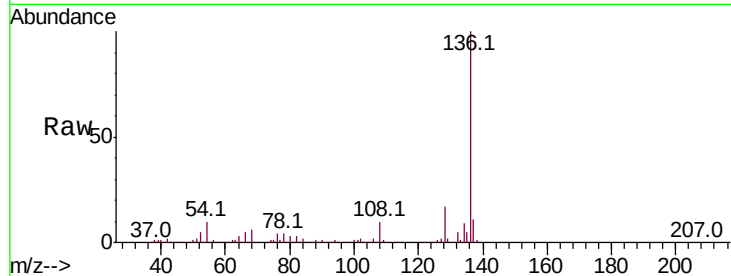
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.6	6.6	9.8	
68	5.7	5.0	7.4	

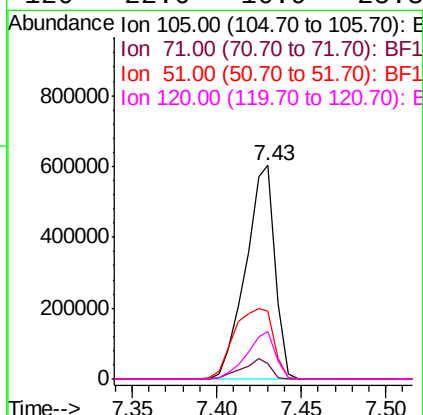
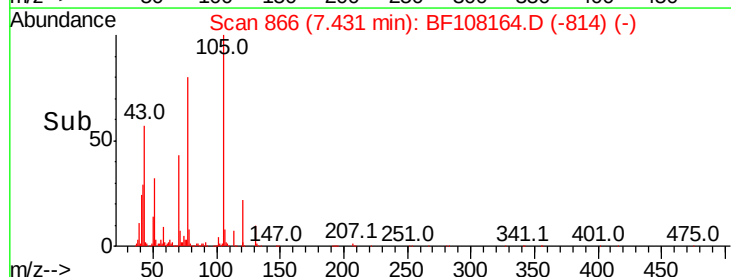
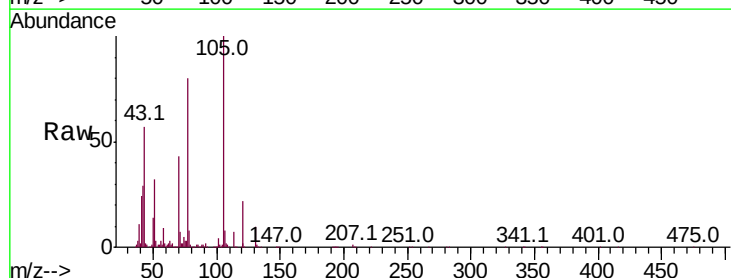
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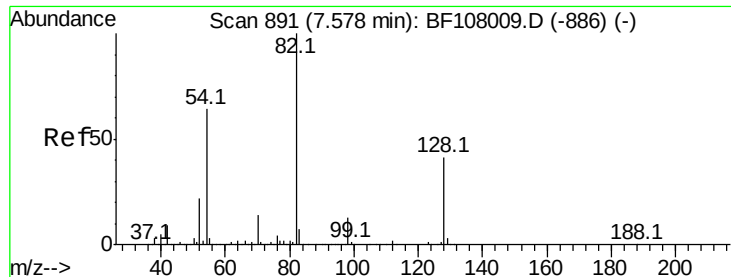
Sohil
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#22
Acetophenone
Concen: 40.502 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	4.4	6.6#	
51	32.1	22.3	33.5	
120	22.0	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 78.234 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion: 82 Resp: 1081383

Ion Ratio Lower Upper

82 100

128 41.1 36.1 54.1

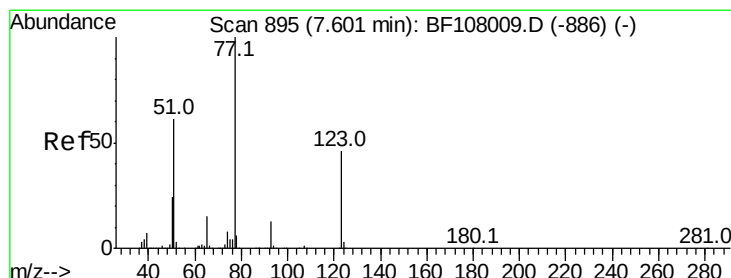
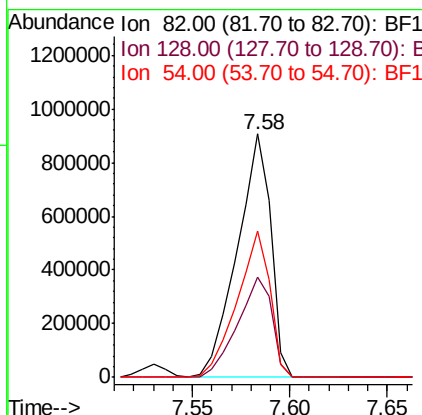
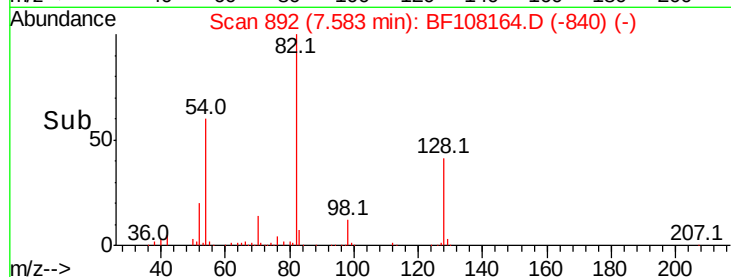
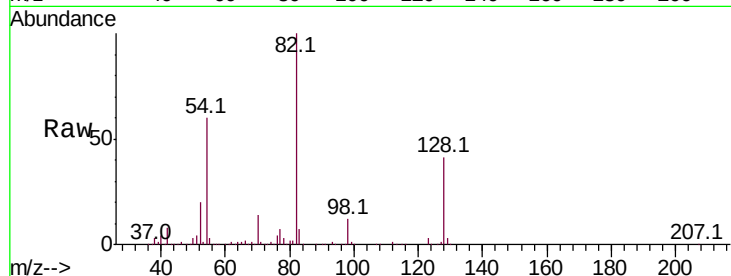
54 59.9 41.4 62.2

Manual Integrations

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#24

Nitrobenzene

Concen: 41.321 ng

RT: 7.60 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

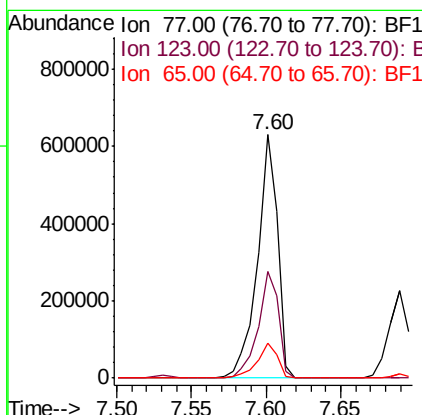
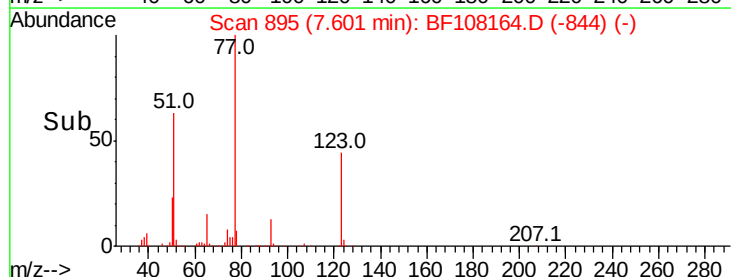
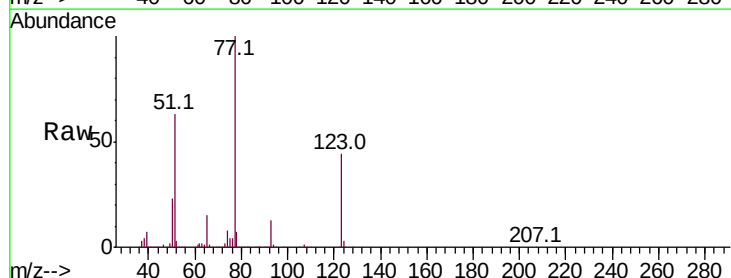
Tgt Ion: 77 Resp: 577559

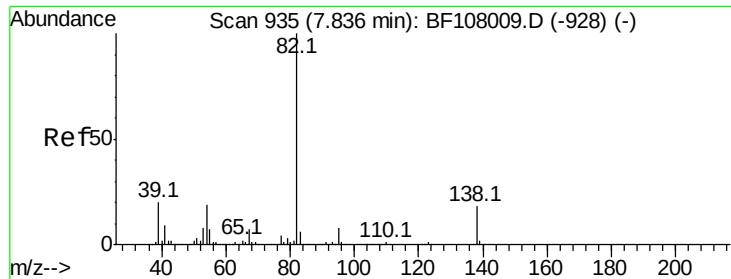
Ion Ratio Lower Upper

77 100

123 43.9 37.9 56.9

65 14.6 11.0 16.4





#25

Isophorone

Concen: 40.362 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion: 82 Resp: 1063385

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

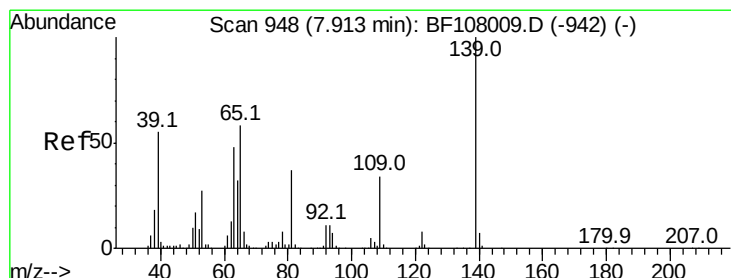
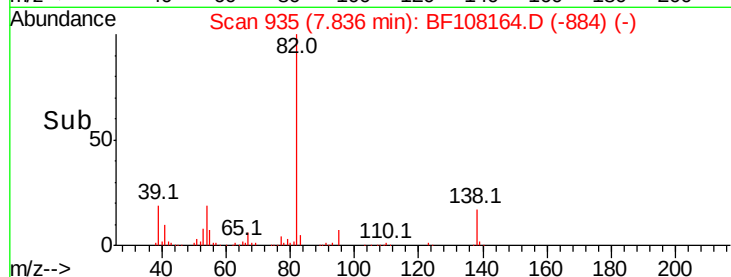
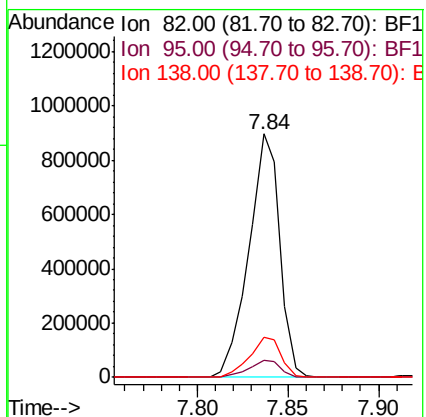
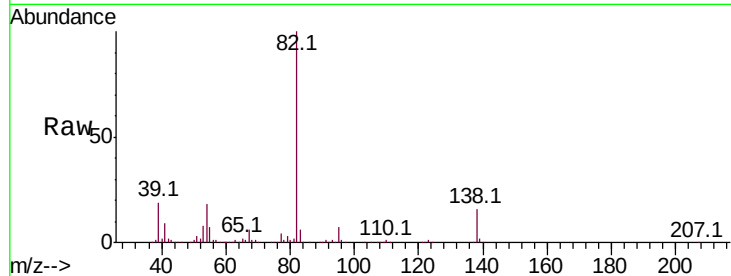
138 16.5 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.694 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

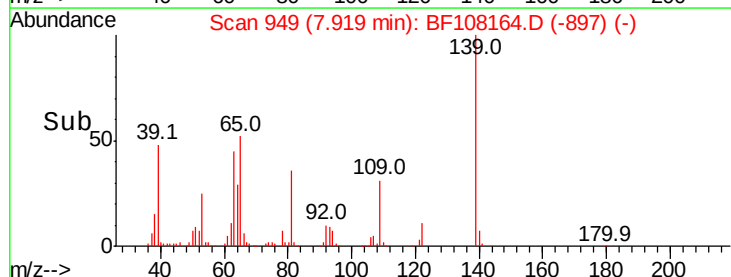
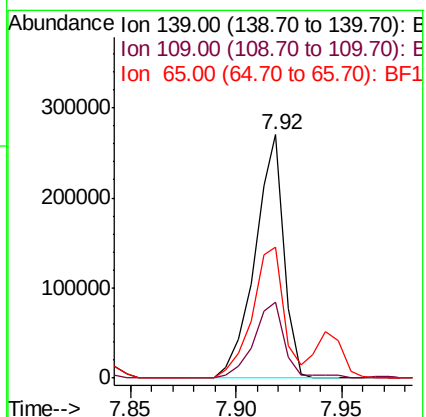
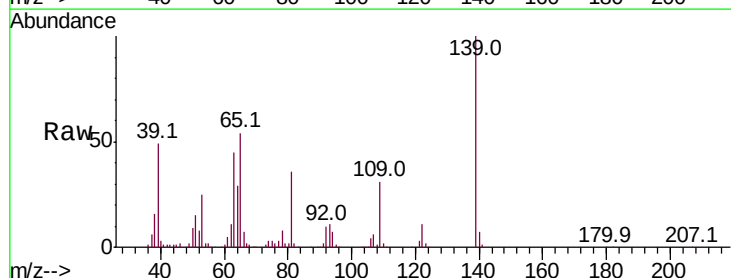
Tgt Ion: 139 Resp: 257032

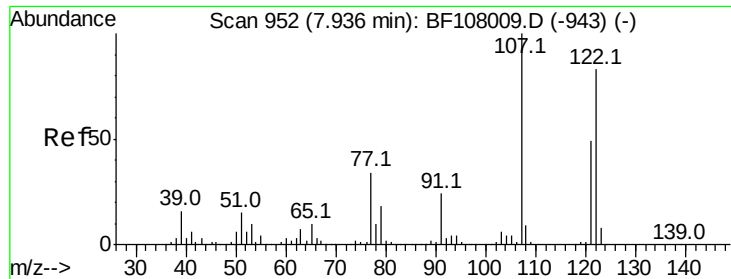
Ion Ratio Lower Upper

139 100

109 31.0 22.7 34.1

65 53.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.337 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

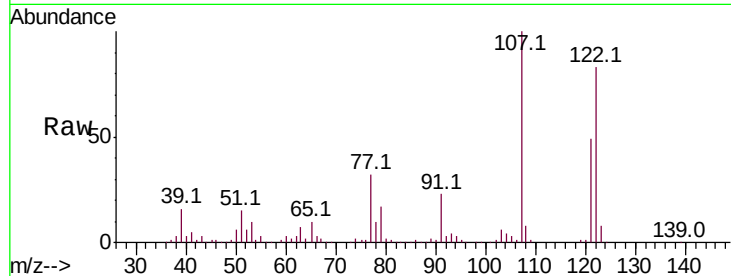
ClientSampleId :

PB111971BS

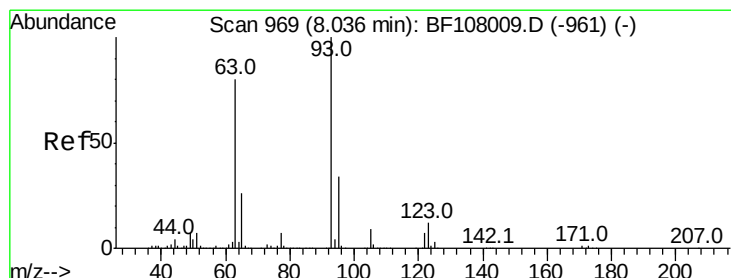
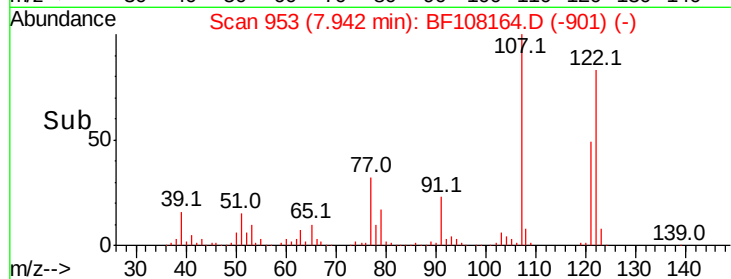
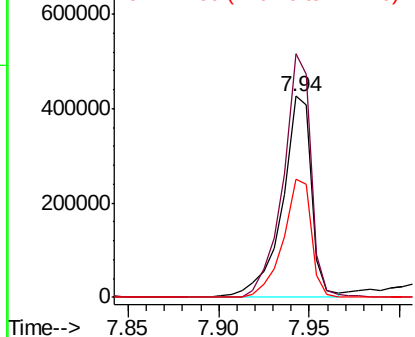
Tot Ion:	122	Resp:	483356
Ion Ratio	Lower	Upper	
122	100		
107	121.0	91.2	136.8
121	59.0	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.557 ng

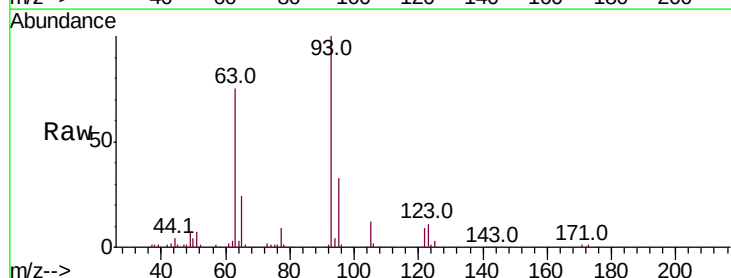
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

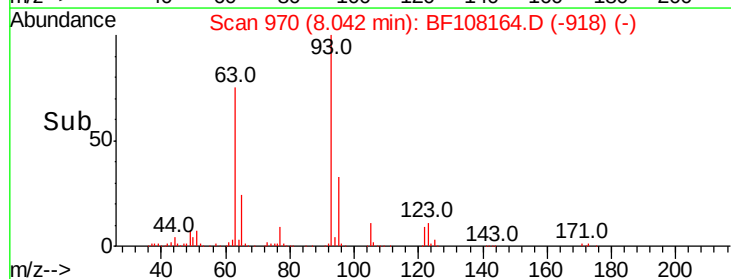
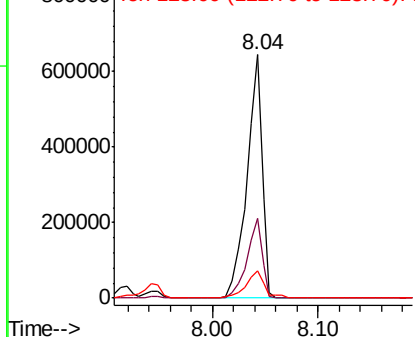
Lab File: BF108164.D

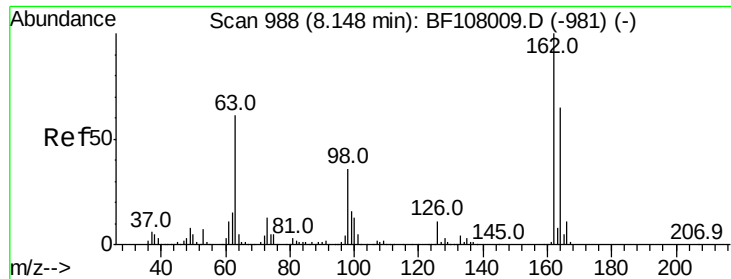
Acq: 15 Aug 2018 14:40

Tgt Ion:	93	Resp:	639166
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	11.5	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





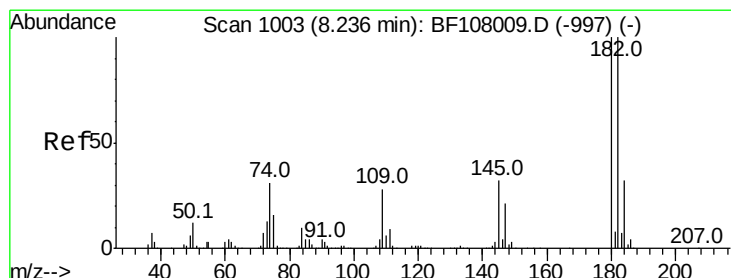
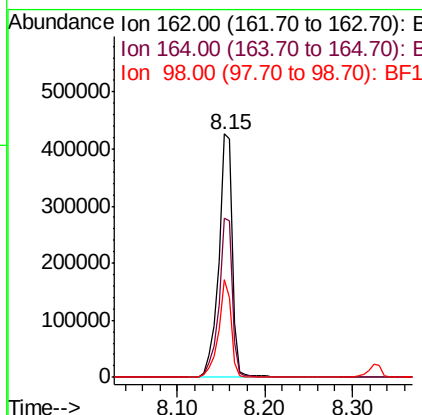
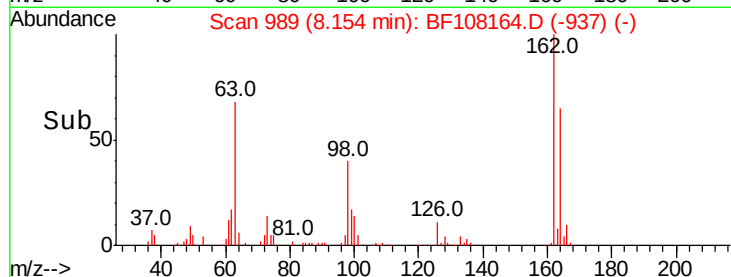
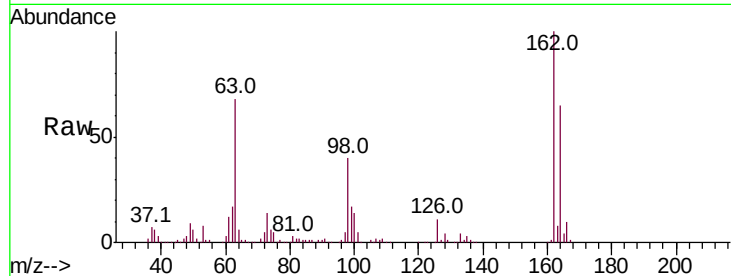
#29
2,4-Dichlorophenol
Concen: 43.154 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	464373		
164	65.3	42.7	82.7	
98	40.1	18.1	58.1	

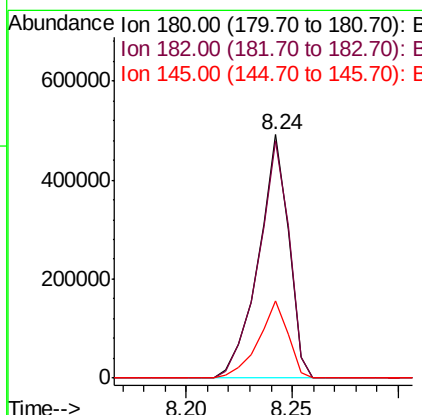
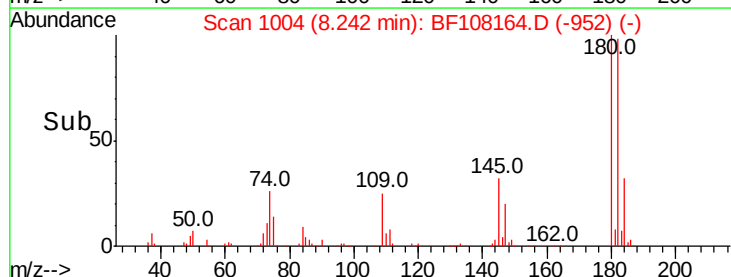
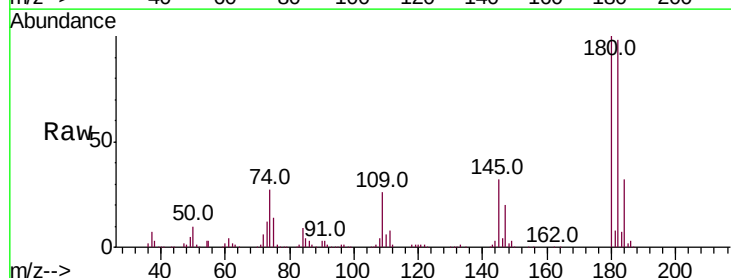
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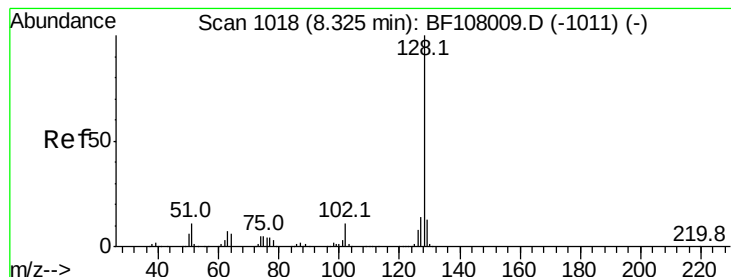
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#30
1,2,4-Trichlorobenzene
Concen: 41.247 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	489367		
182	97.5	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 42.096 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion:128 Resp: 1476628

Ion Ratio Lower Upper

128 100

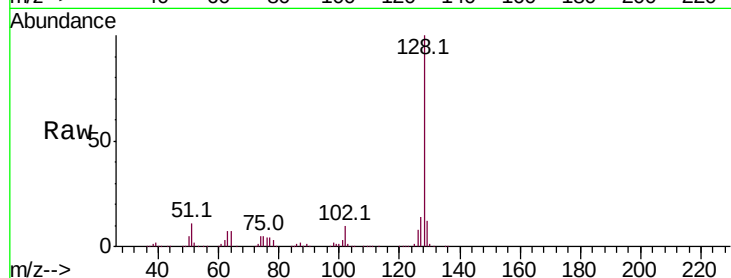
129 12.0 8.8 13.2

127 13.7 10.9 16.3

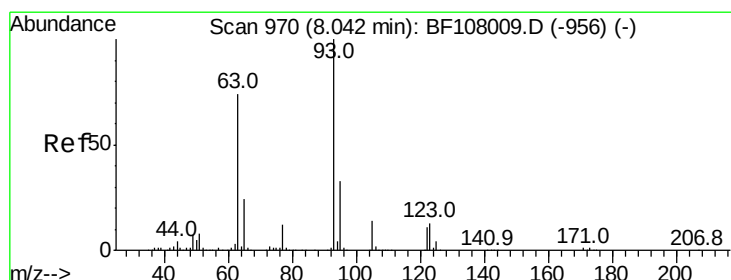
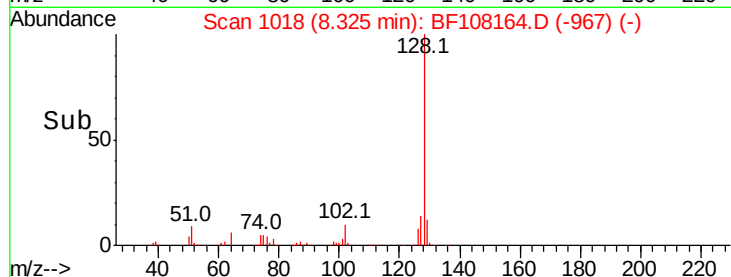
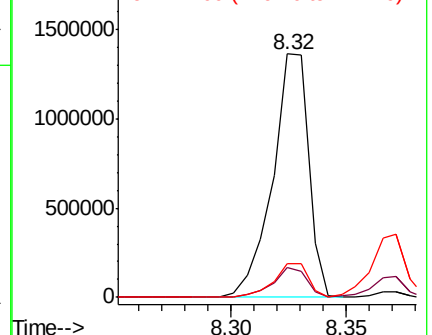
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.510 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

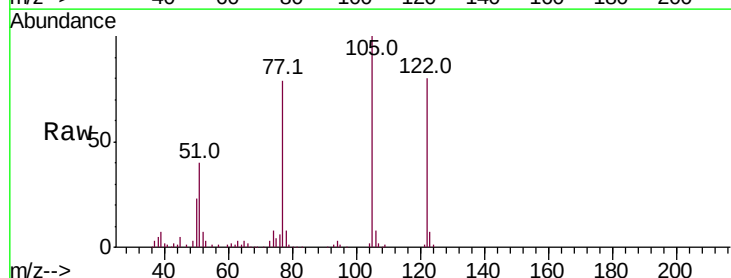
Tgt Ion:122 Resp: 267657

Ion Ratio Lower Upper

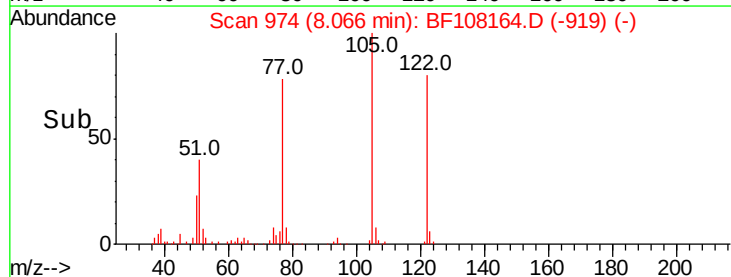
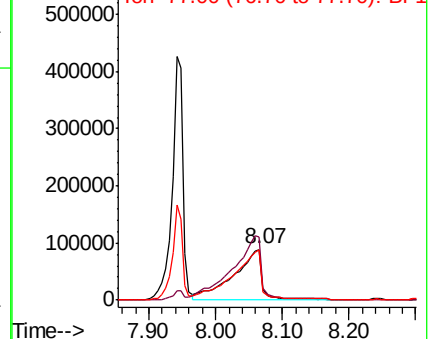
122 100

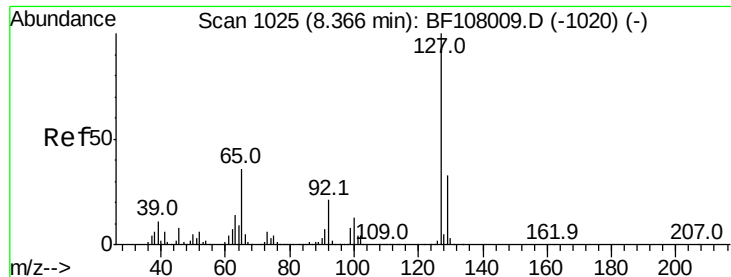
105 125.4 101.1 141.1

77 99.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





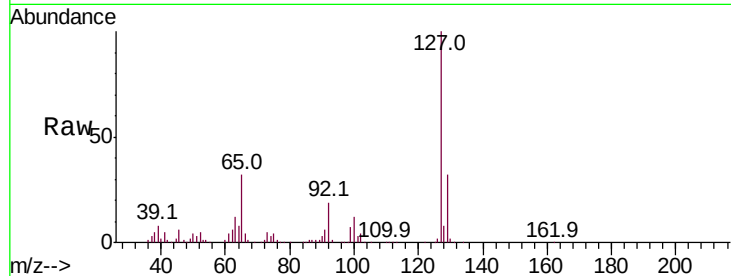
#33
4-Chloroaniline
Concen: 24.264 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	31.7	25.0	37.4	
92	18.8	15.2	22.8	

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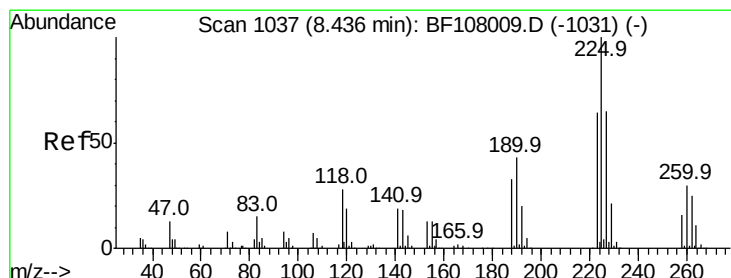
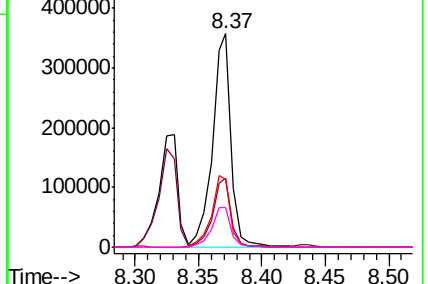
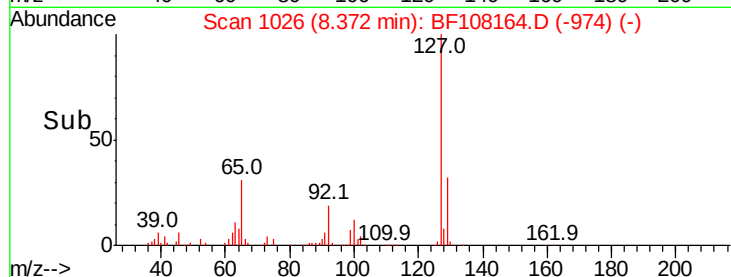
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

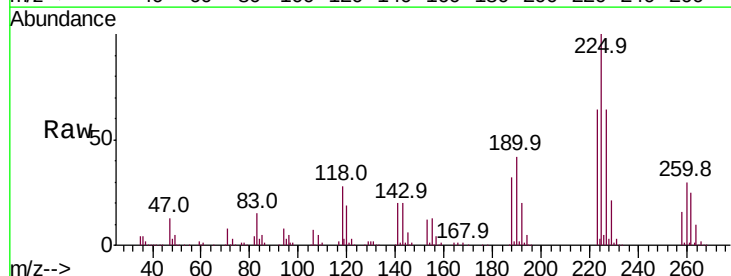
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.764 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	63.7	51.9	77.9	

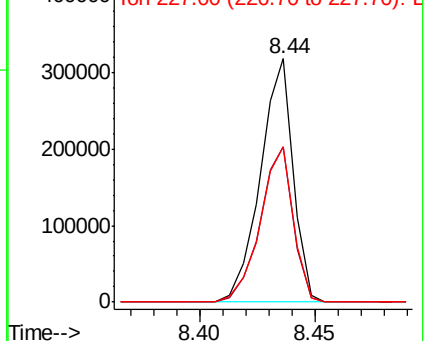
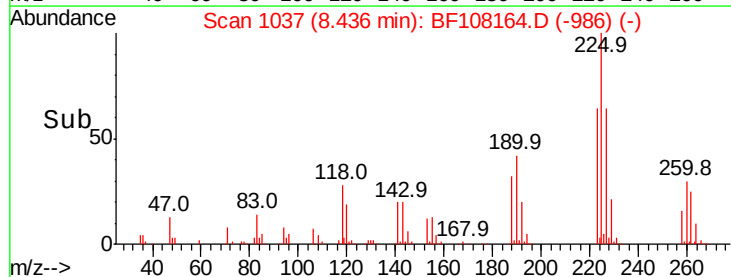


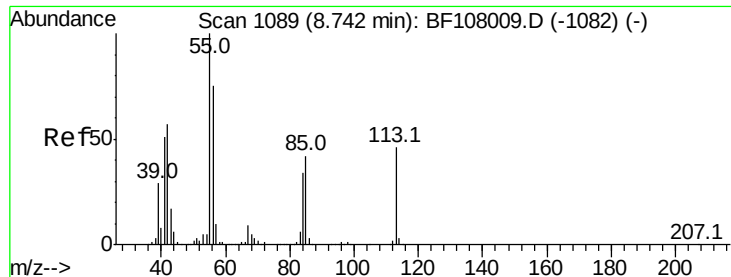
Abundance

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





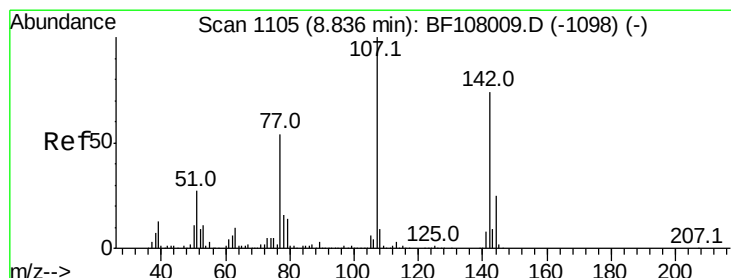
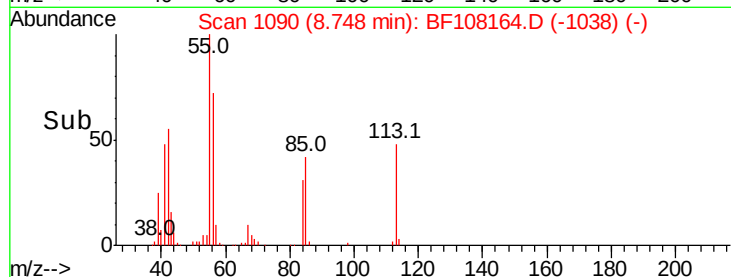
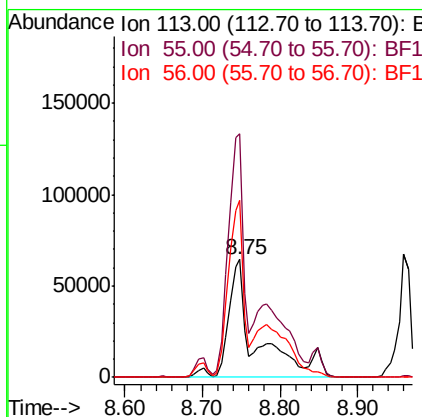
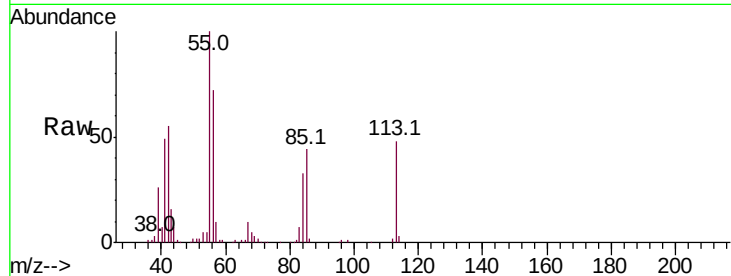
#35
 Caprolactam
 Concen: 47.444 ng/ml
 RT: 8.75 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleID :
 PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	207.1	163.3	203.3#	
56	150.0	115.7	155.7	

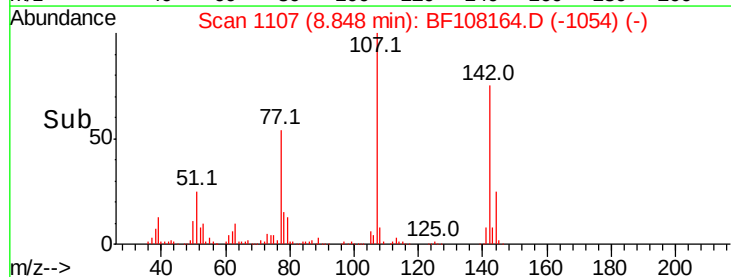
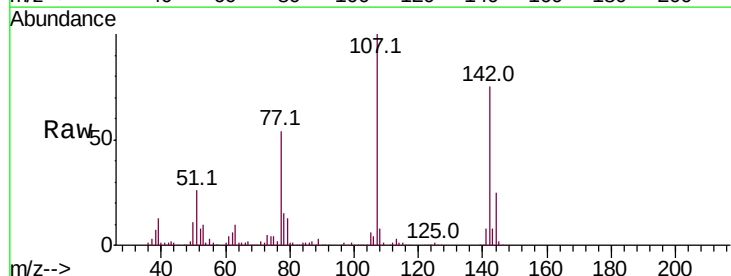
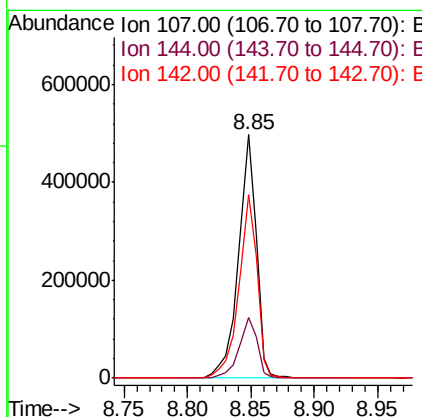
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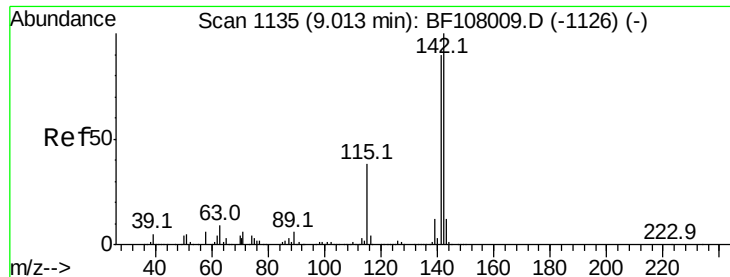
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#36
 4-Chloro-3-methylphenol
 Concen: 41.579 ng/ml
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.8	20.5	30.7	
142	75.3	62.0	93.0	





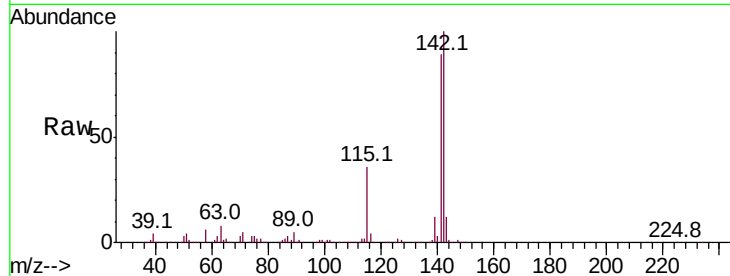
#37
2-Methylnaphthalene
Concen: 41.395 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	36.4	26.1	39.1

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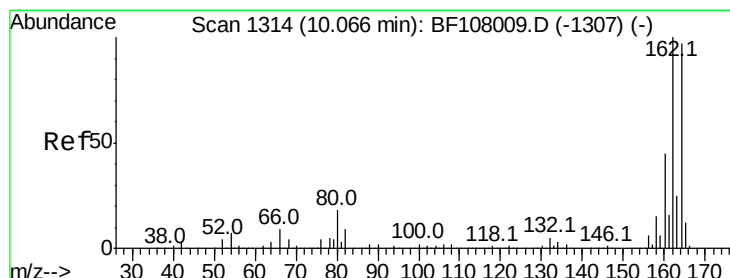
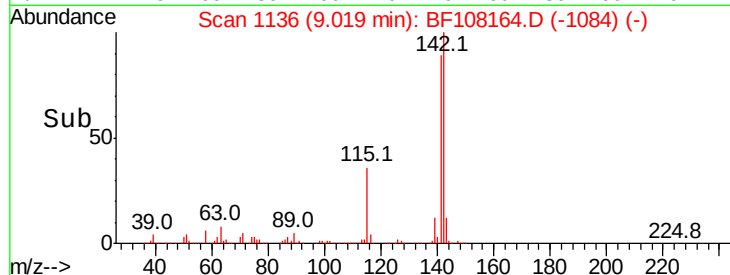
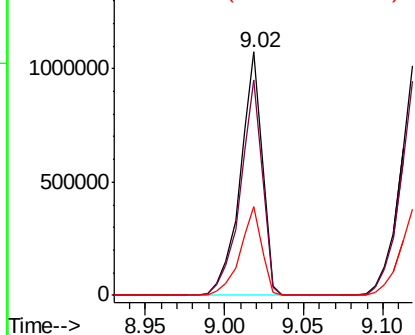


Abundance

Ion 142.00 (141.70 to 142.70): E

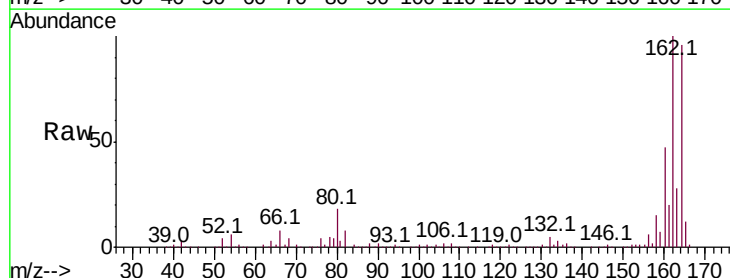
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	49.1	38.3	57.5

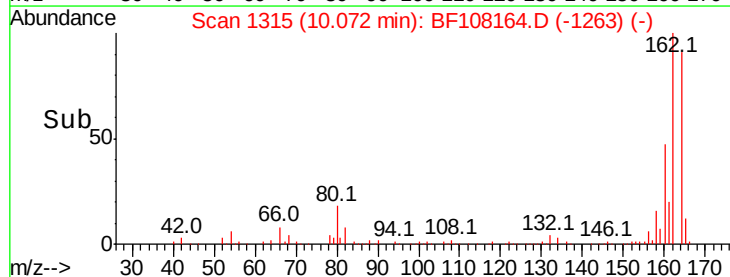
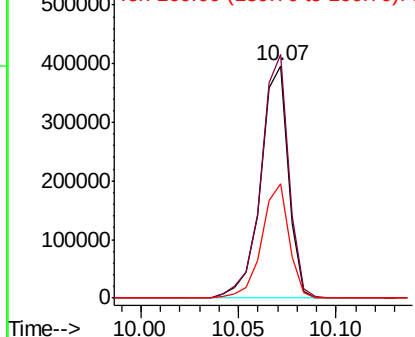


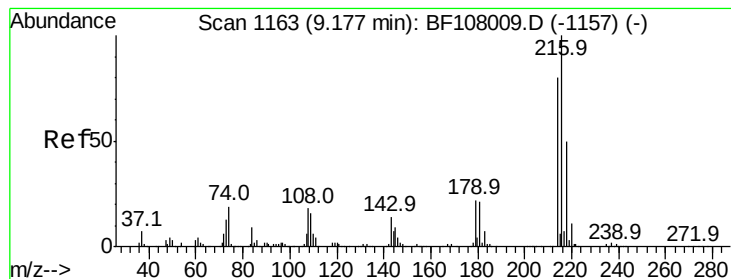
Abundance

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: 42.374 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

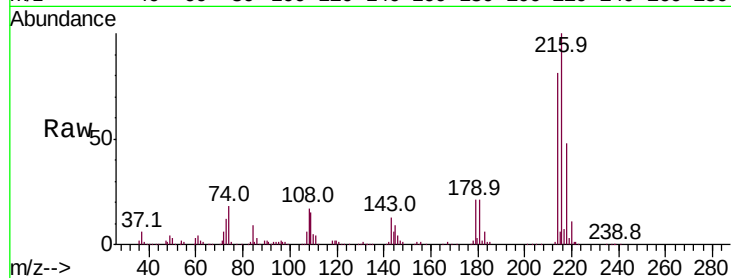
ClientSampleId :

PB111971BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.9	18.1	27.1
108	20.6	17.2	25.8

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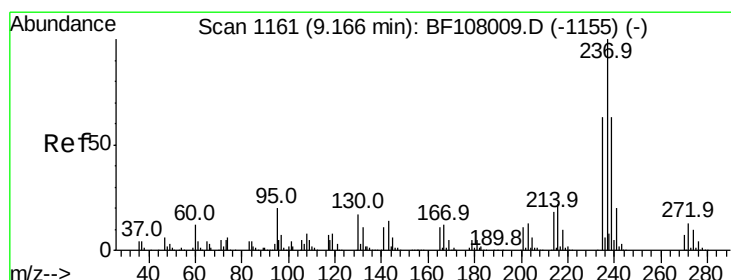
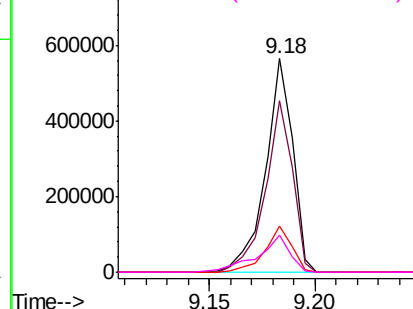
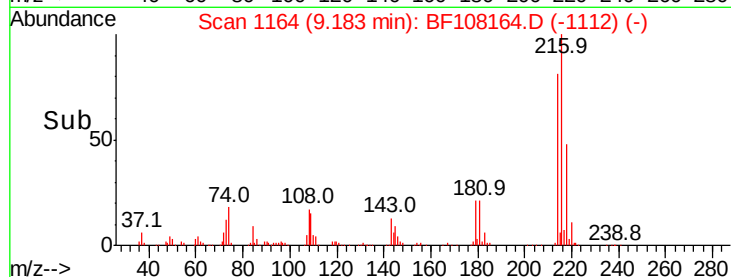
Abundance

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: 81.542 ng

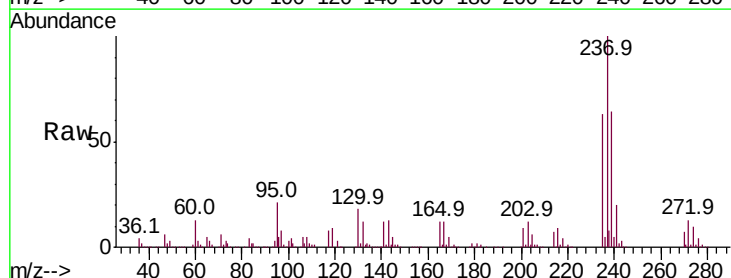
RT: 9.17 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.1	0.0	33.3

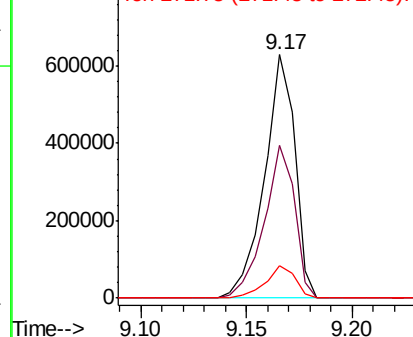
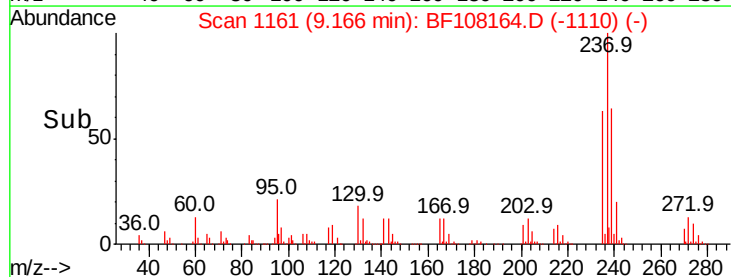


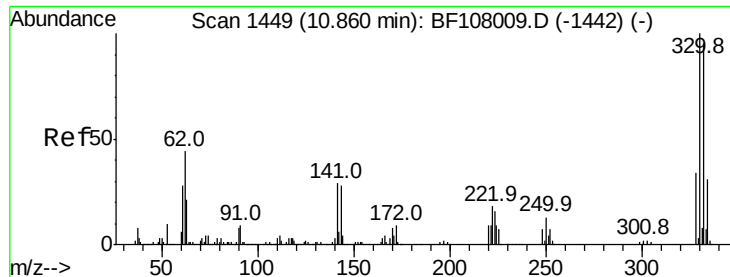
Abundance

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





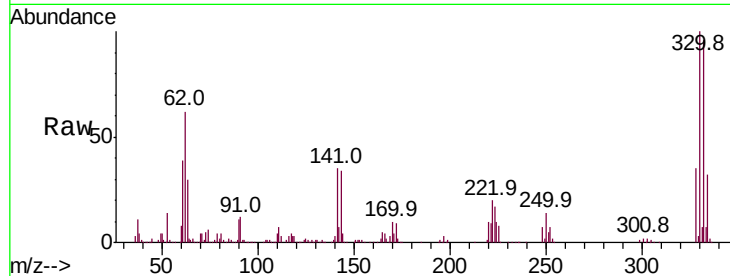
#41
 2,4,6-Tribromophenol
 Concen: 157.249 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

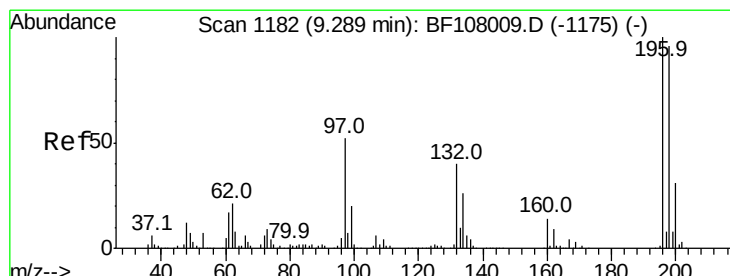
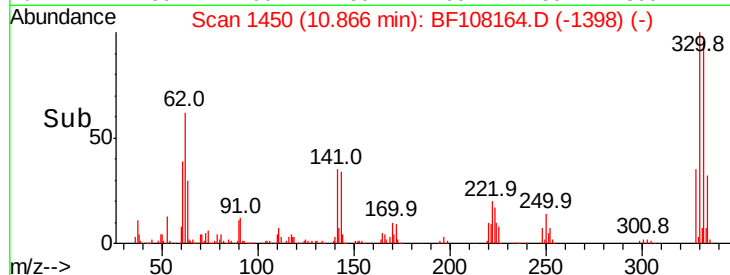
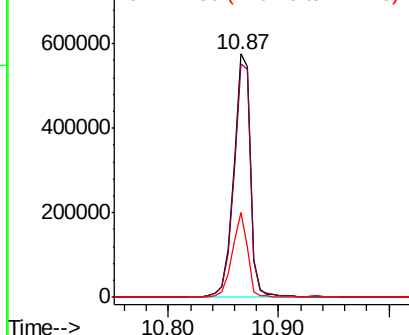
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	32.3	29.9	44.9	

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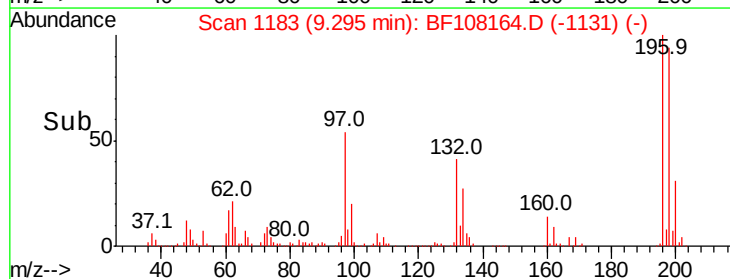
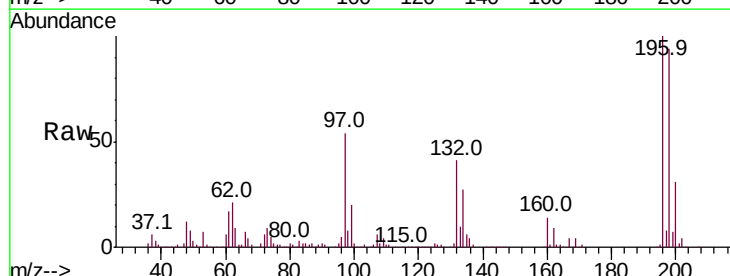
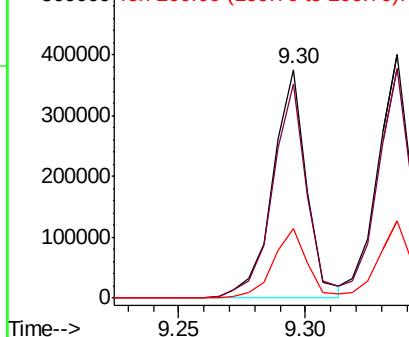
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

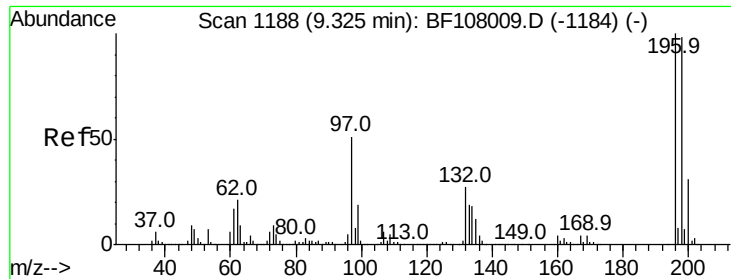


#42
 2,4,6-Trichlorophenol
 Concen: 46.989 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.6	75.7	113.5	
200	30.6	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





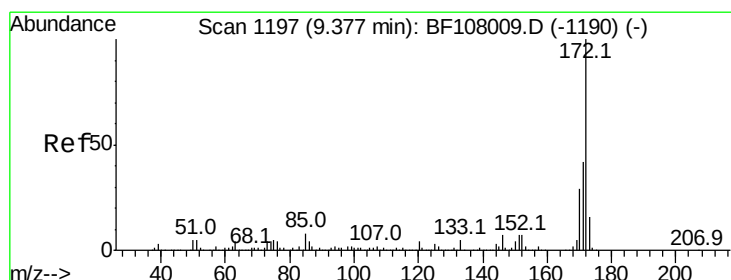
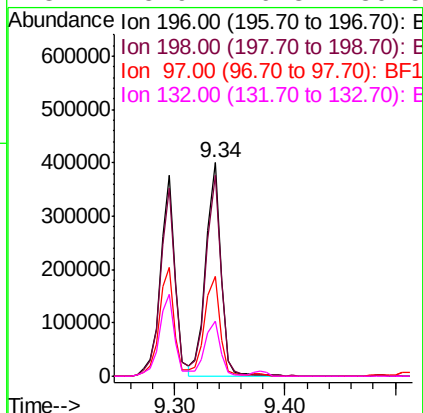
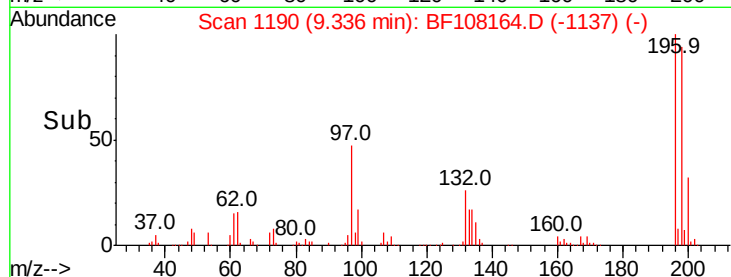
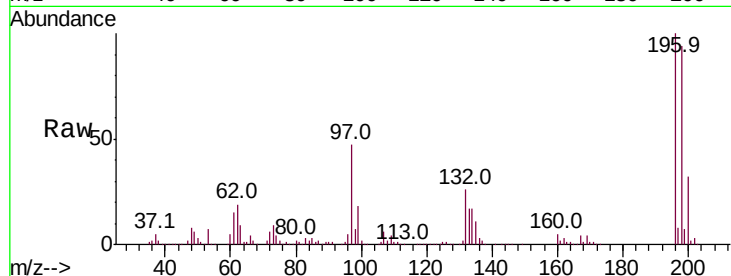
#43
 2,4,5-Trichlorophenol
 Concen: 44.708 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	366967		
198	94.0	74.6	112.0	
97	47.0	42.9	64.3	
132	25.9	26.3	39.5#	

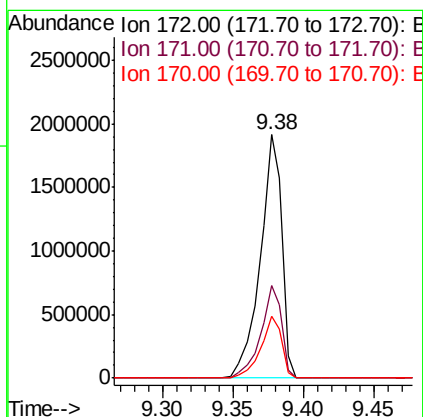
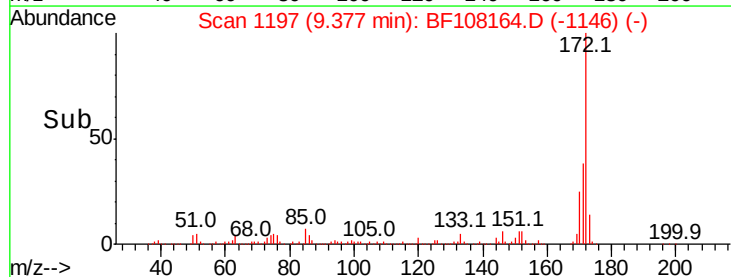
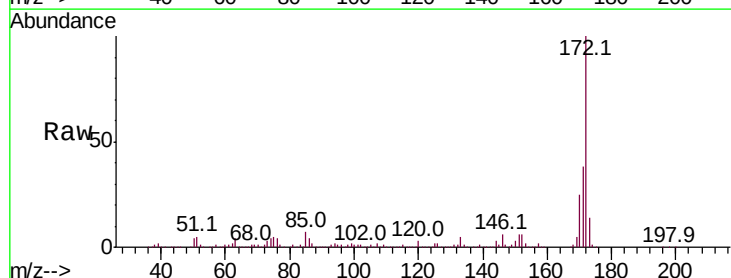
Manual Integrations
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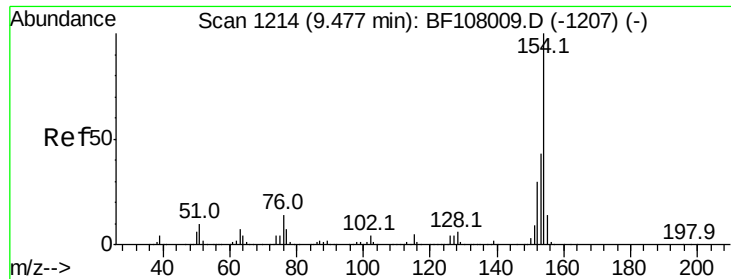
Sohil
 8/16/2018 5:26:58 PM



#44
 2-Fluorobiphenyl
 Concen: 84.806 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2066852		
171	37.9	29.7	44.5	
170	25.4	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 43.047 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion:154 Resp: 1241866

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

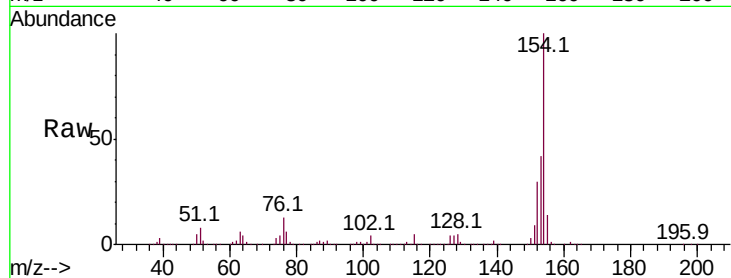
76 12.5 0.0 34.0

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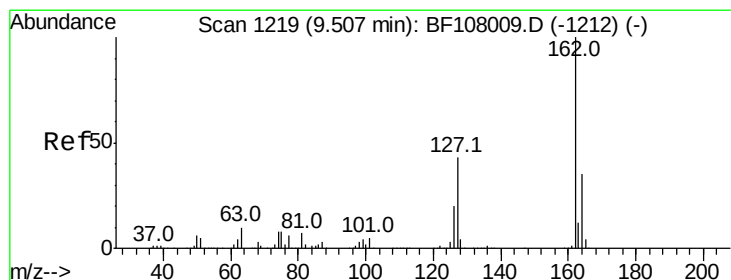
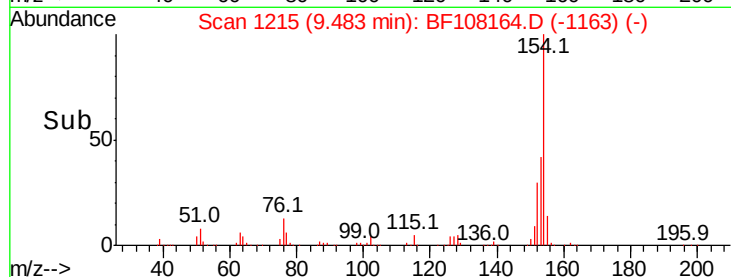
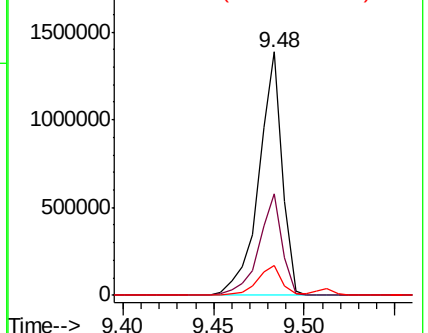
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.464 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

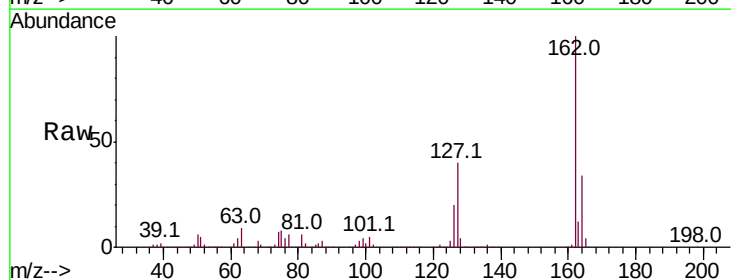
Tgt Ion:162 Resp: 968224

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

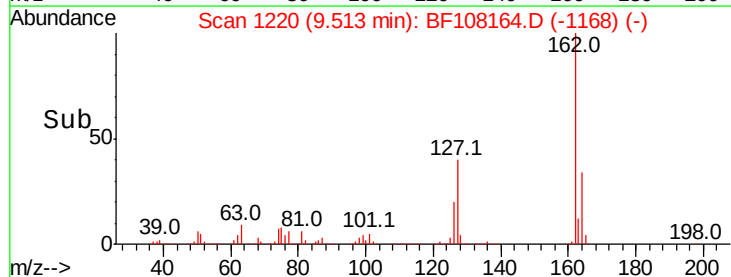
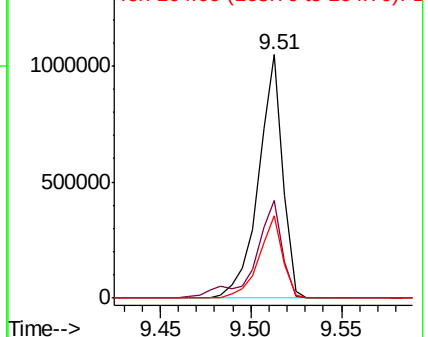
164 33.8 26.5 39.7

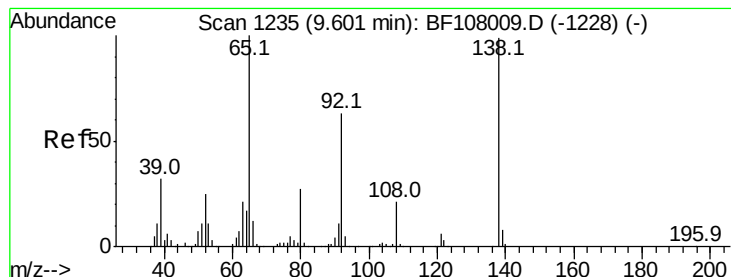


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.785 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

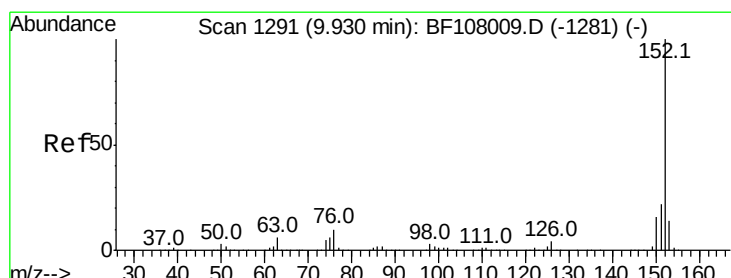
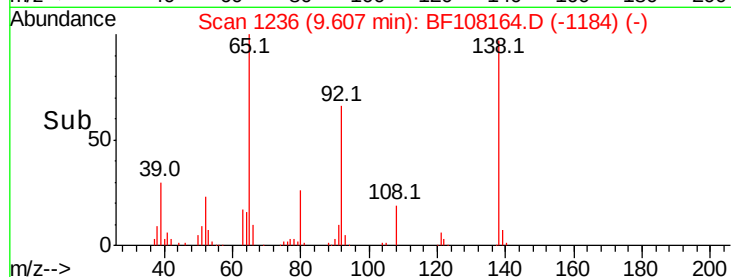
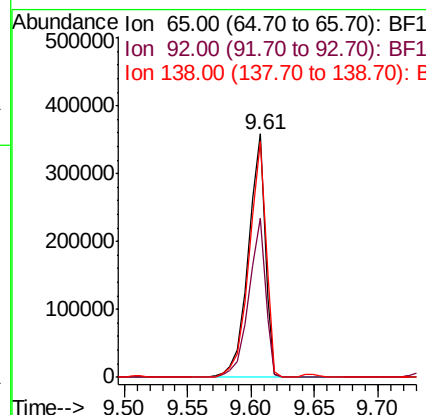
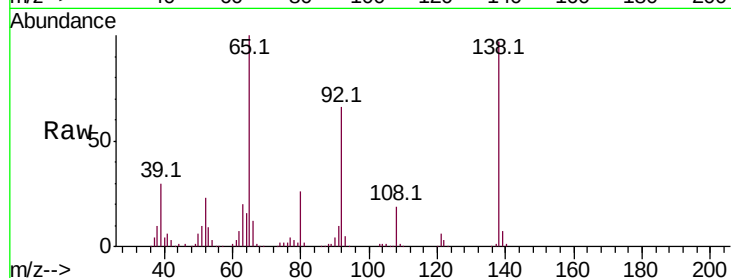
ClientSampleId :

PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.6	55.8	83.6	
138	96.7	91.2	136.8	

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#48

Acenaphthylene

Concen: 42.826 ng

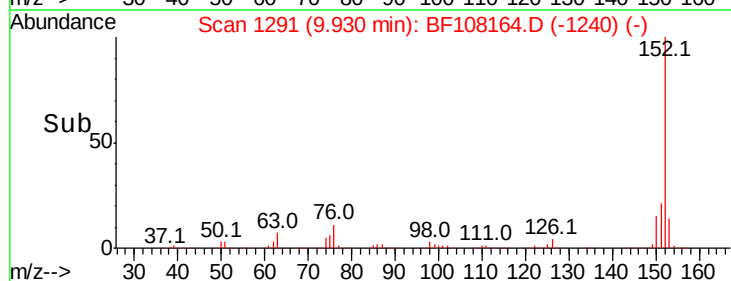
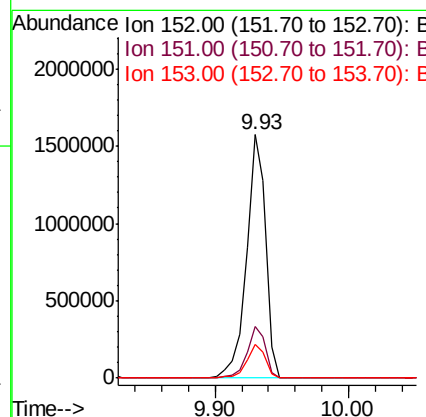
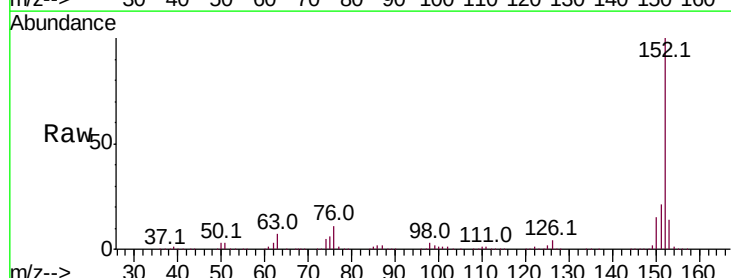
RT: 9.93 min Scan# 1291

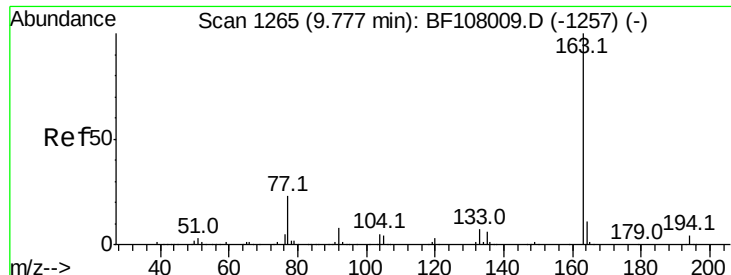
Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.2	16.3	24.5	
153	13.9	10.7	16.1	





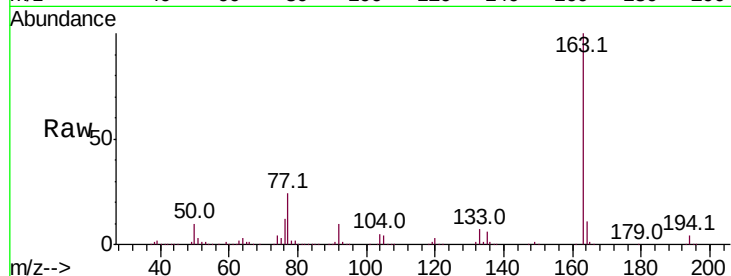
#49
Dimethylphthalate
Concen: 41.601 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :
PB111971BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.8	8.2	12.2

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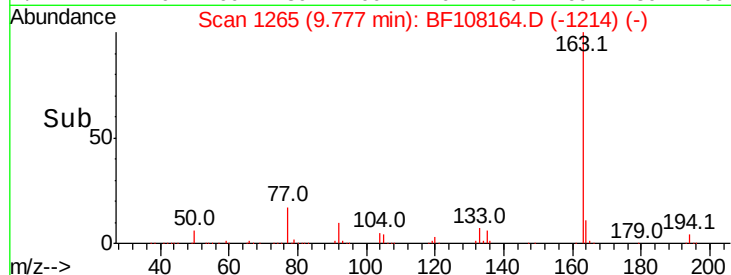
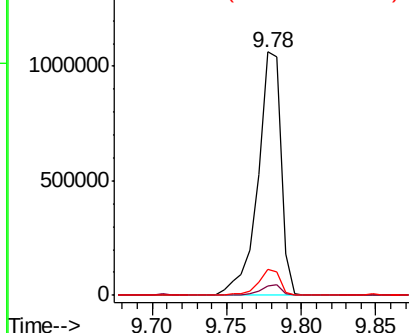


Abundance

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: 44.022 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

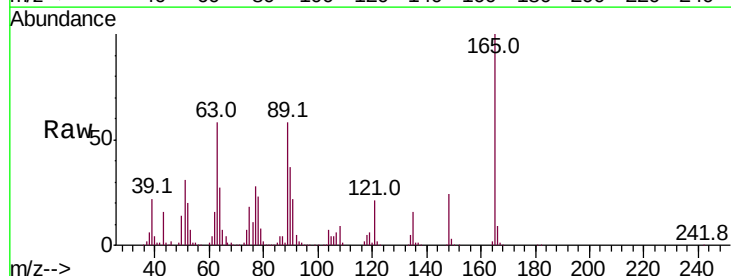
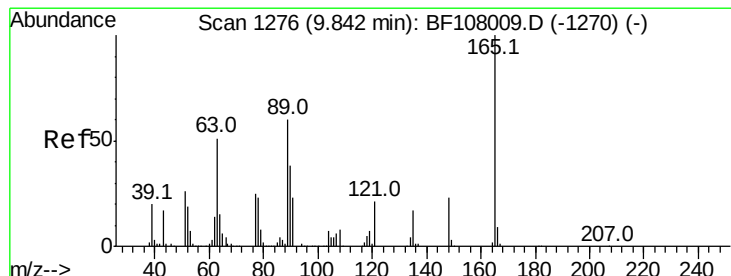
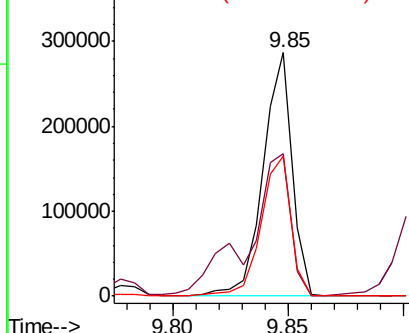
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.4	44.7	67.1
89	57.6	44.0	66.0

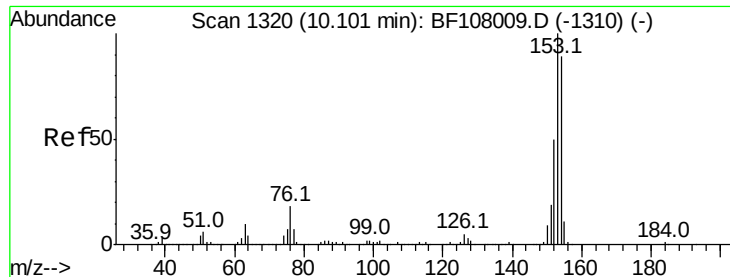
Abundance

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: 45.348 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PB111971BS

Tot Ion:154 Resp: 1001228

Ion Ratio Lower Upper

154 100

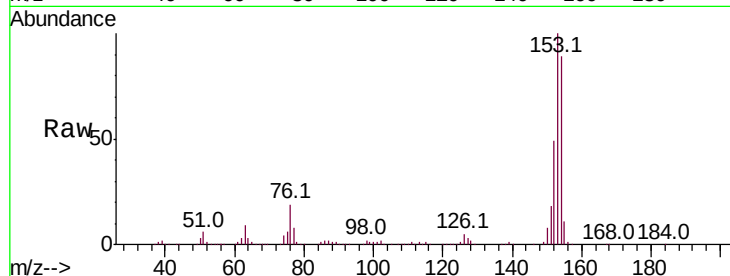
153 112.8 91.2 136.8

152 54.8 43.8 65.8

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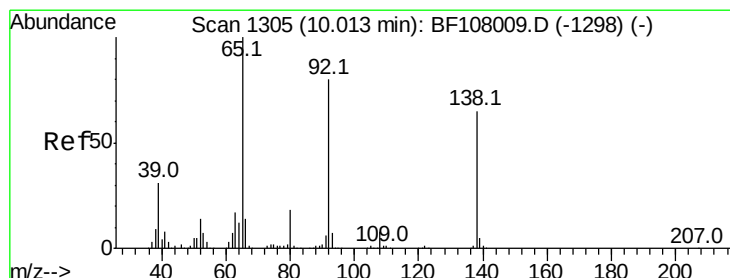
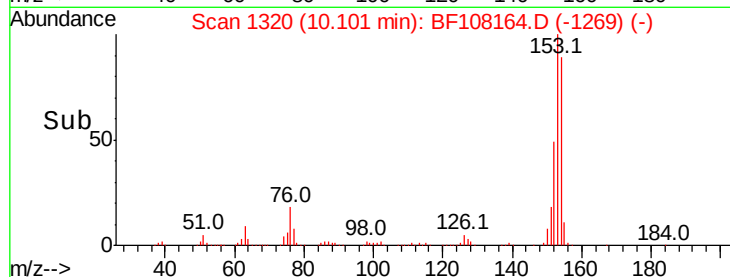
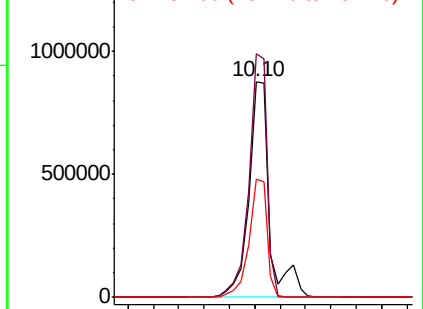
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.334 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

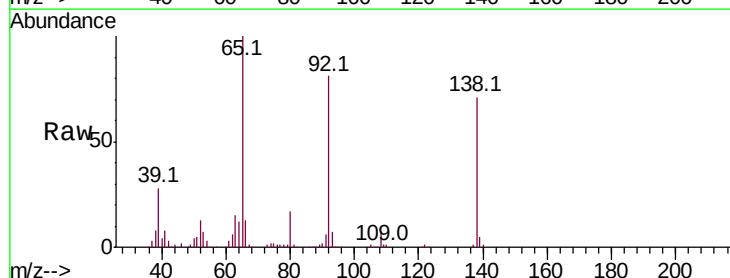
Tgt Ion:138 Resp: 183021

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

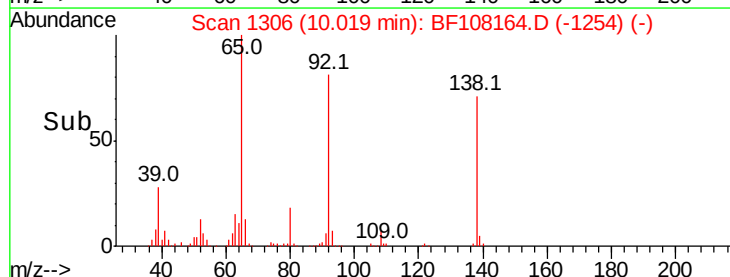
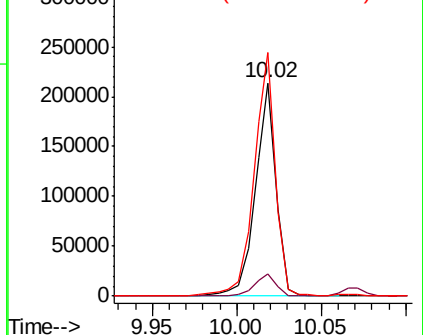
92 114.4 89.4 134.2

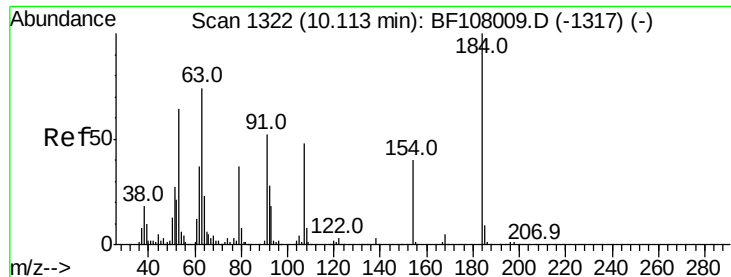


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





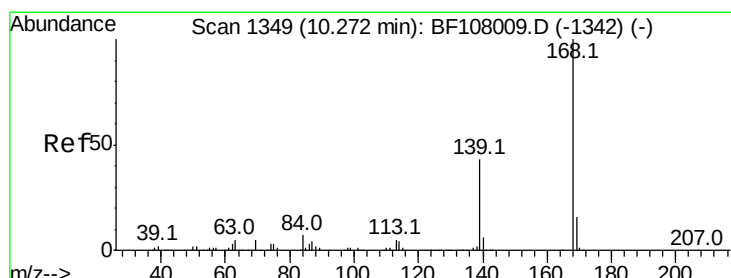
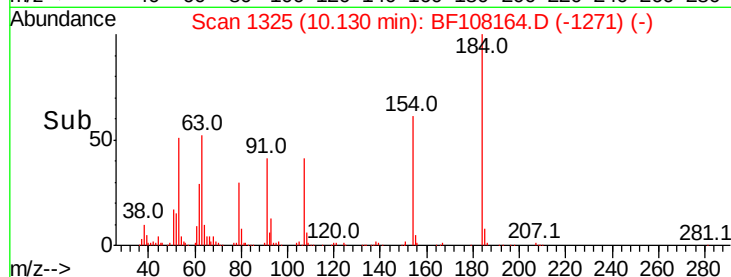
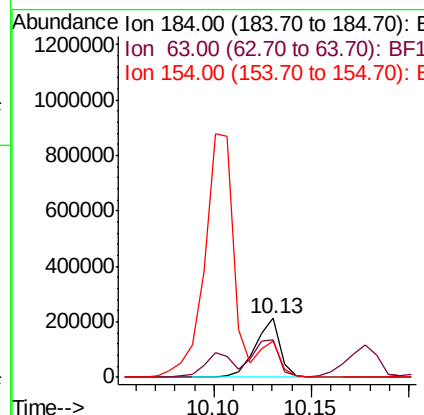
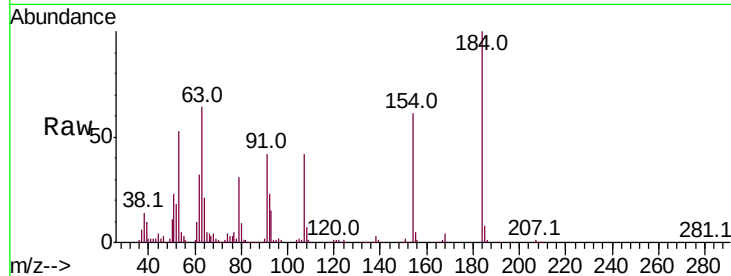
#53
2,4-Dinitrophenol
Concen: 87.119 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	64.3	54.2	81.2	
154	61.5	184.0	276.0	

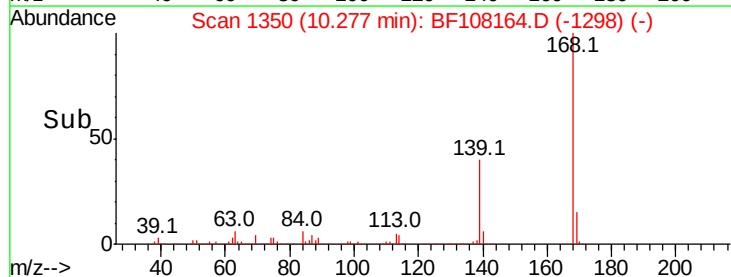
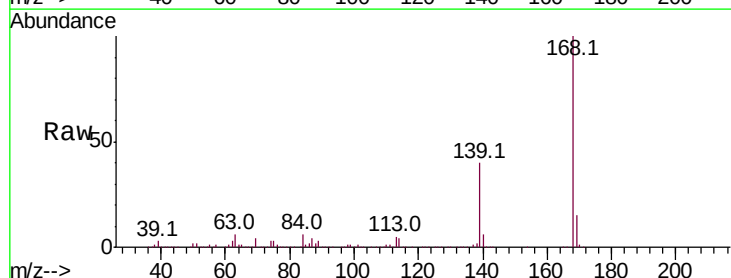
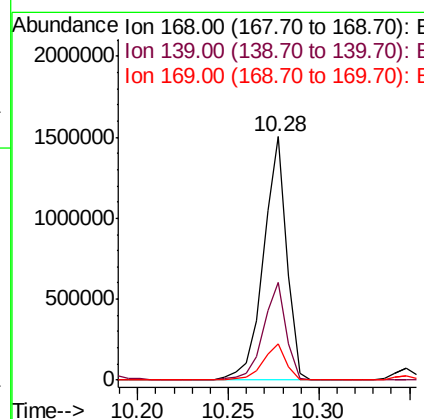
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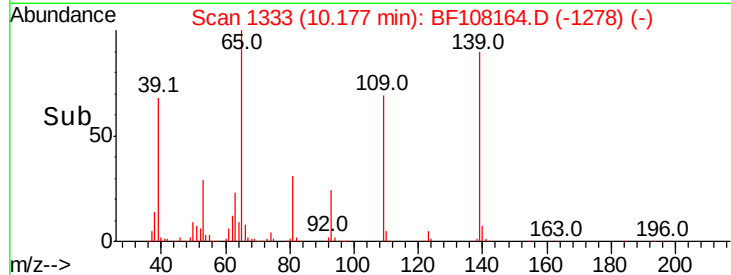
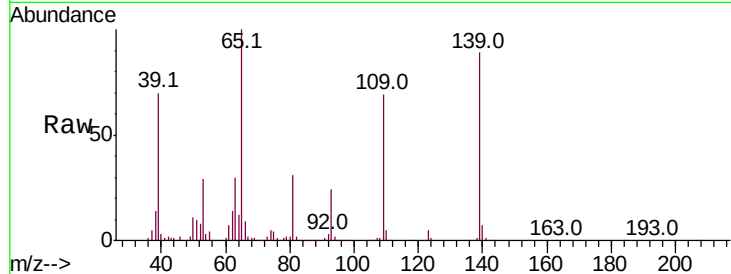
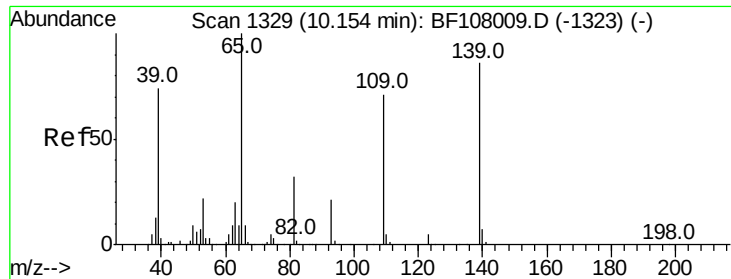
Sohil
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#54
Dibenzofuran
Concen: 41.705 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	40.0	30.1	45.1	
169	14.8	10.9	16.3	





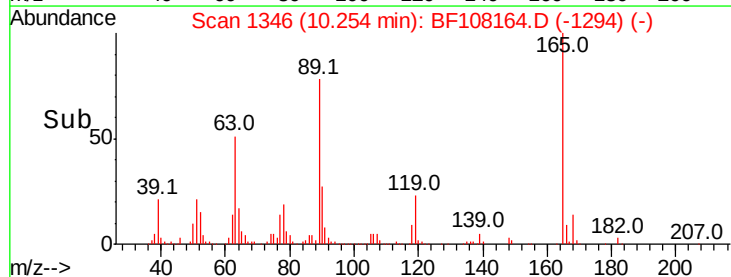
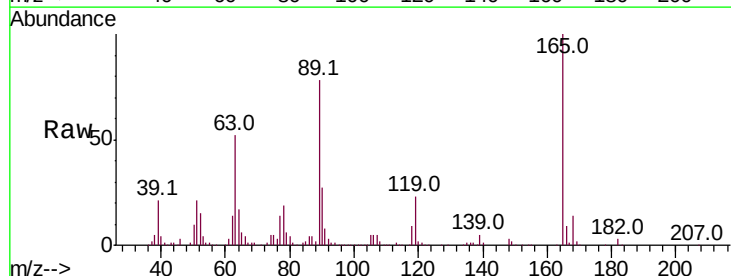
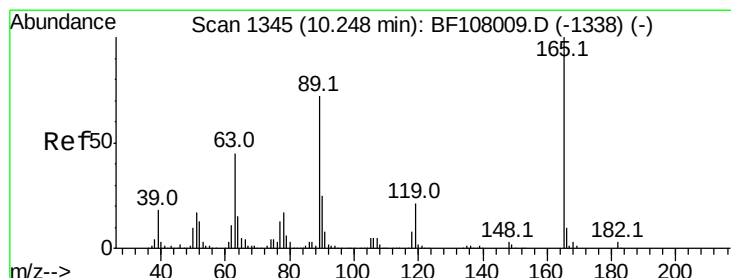
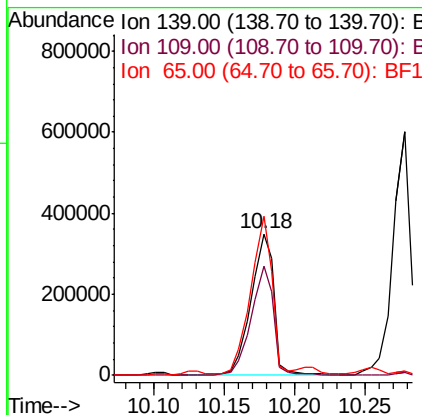
#55
4-Nitrophenol
Concen: 84.333 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	398441		
109	76.9	48.4	88.4	
65	112.0	72.6	112.6	

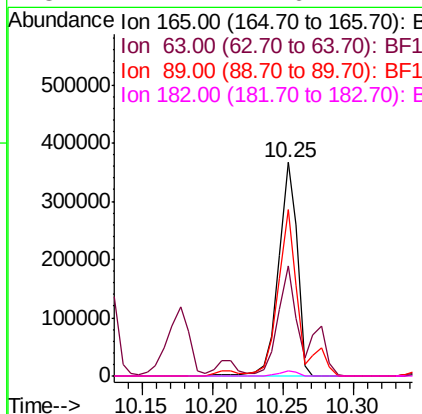
Manual Integrations
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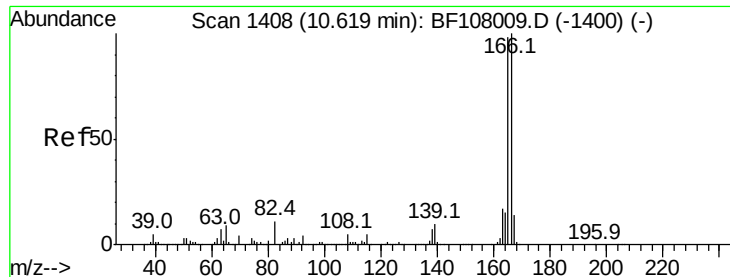
Sohil
8/16/2018 5:26:58 PM



#56
2,4-Dinitrotoluene
Concen: 45.995 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	337606		
63	51.6	36.4	54.6	
89	77.6	57.8	86.6	
182	2.7	1.6	2.4	#





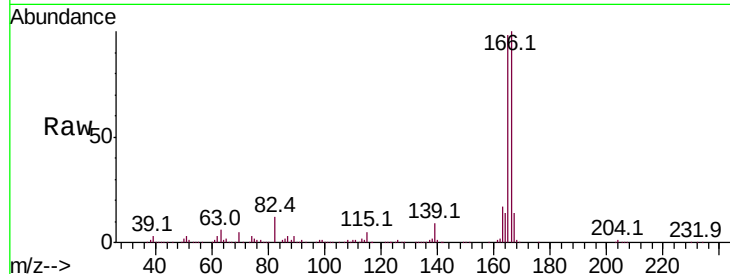
#57
 Fluorene
 Concen: 41.966 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.8
167	13.9	10.6	16.0

Manual Integrations
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 8/16/2018 5:26:58 PM

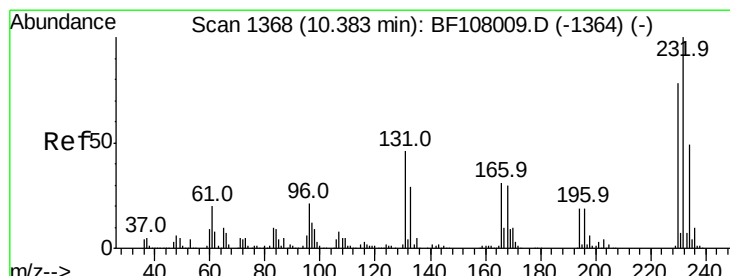
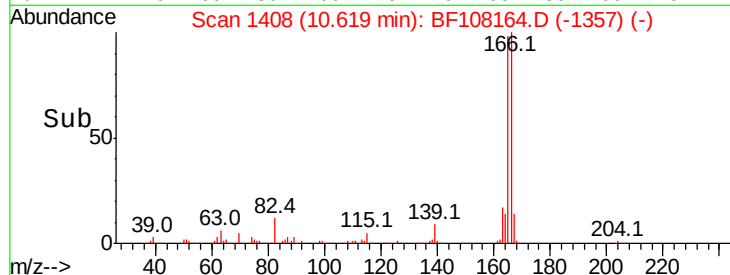
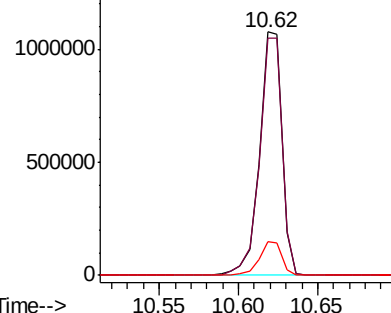


Abundance

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: 43.777 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
232	100		
231	43.5	43.8	65.8#
130	2.2	2.1	3.1
166	29.6	27.8	41.6

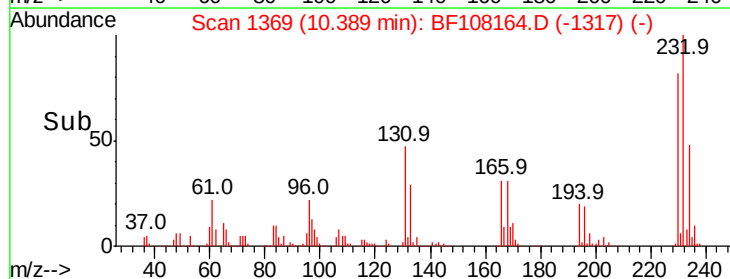
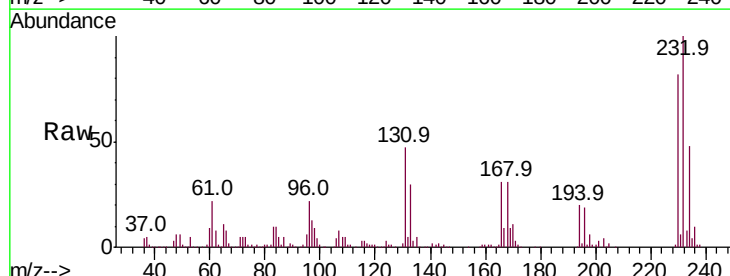
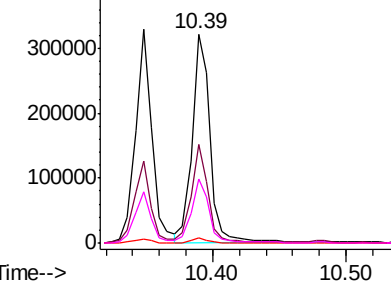
Abundance

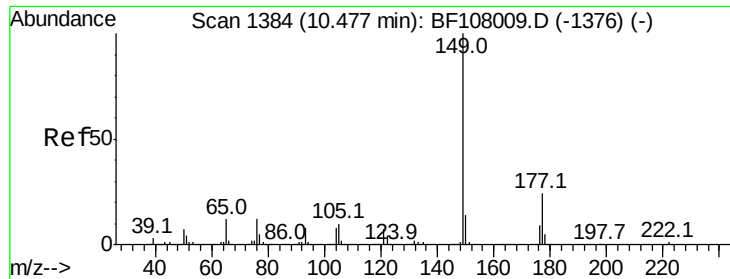
Ion 232.00 (231.70 to 232.70): E

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





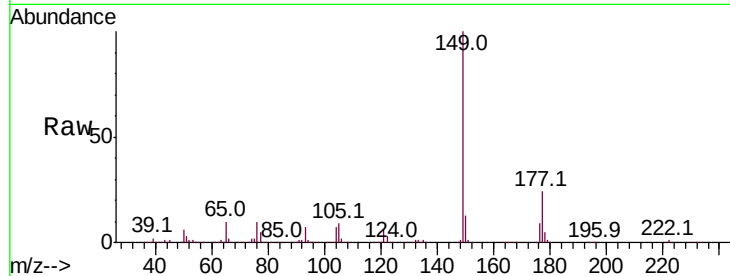
#59
Diethylphthalate
Concen: 41.486 ng
RT: 10.48 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.1	24.1
150	12.5	10.1	15.1

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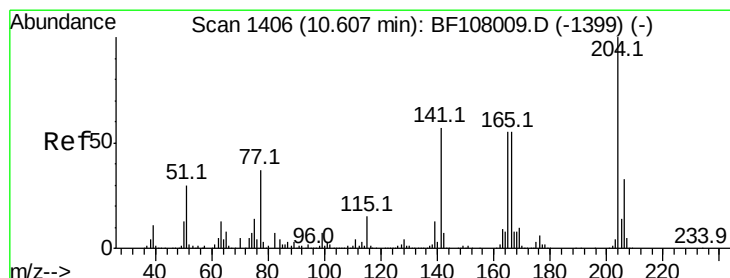
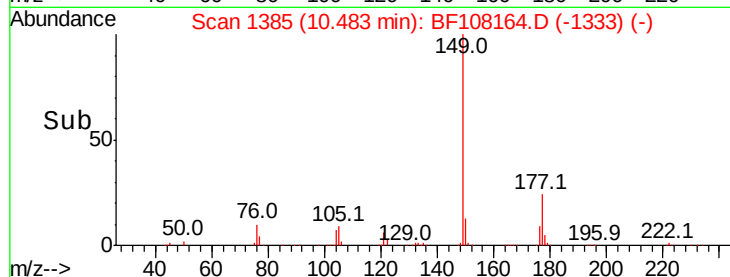
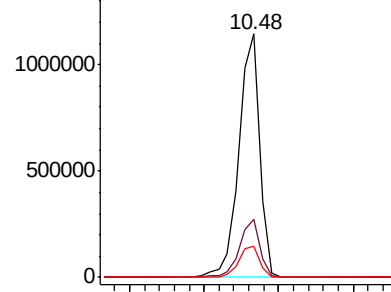


Abundance

Ion 149.00 (148.70 to 149.70): E

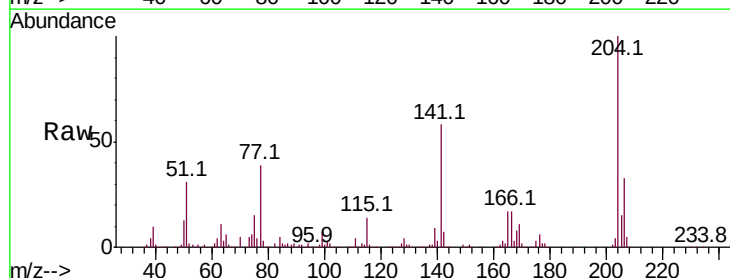
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 41.630 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	58.3	54.6	81.8

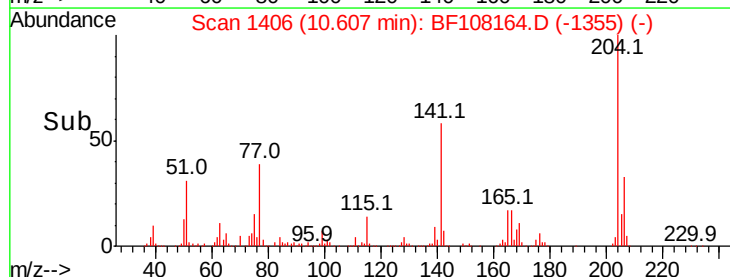
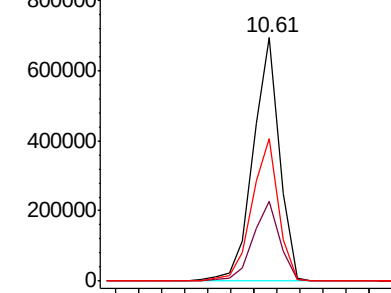


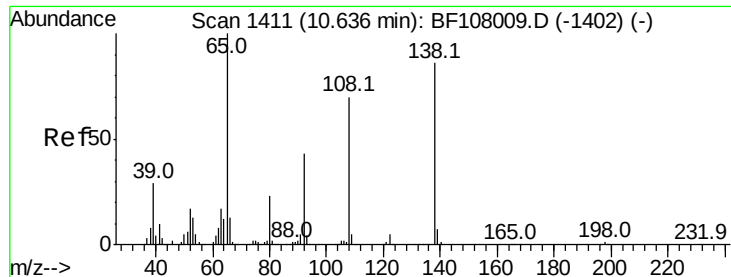
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





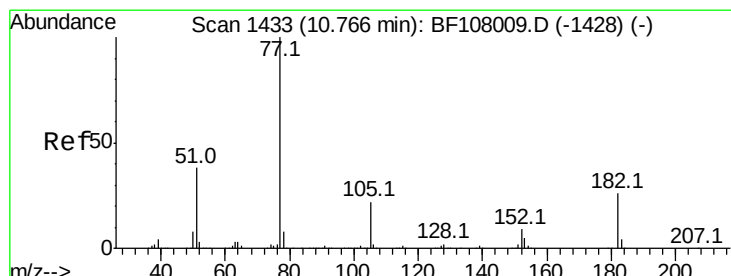
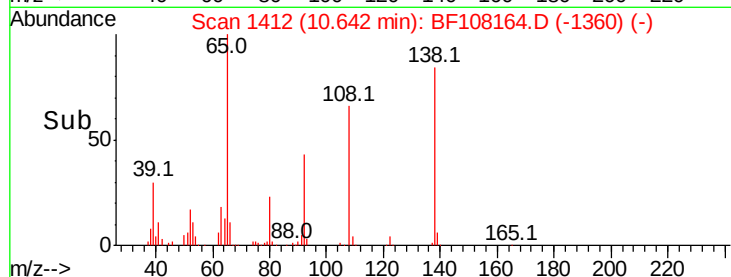
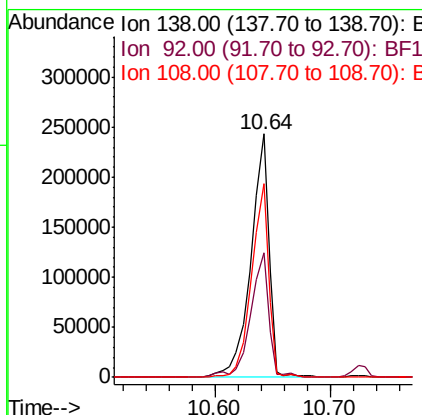
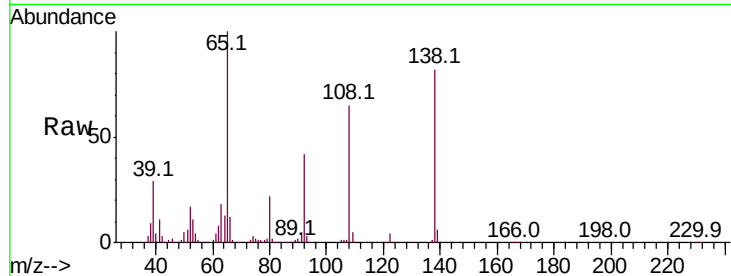
#61
4-Nitroaniline
Concen: 43.076 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.2	70.2
108	79.7	52.5	92.5

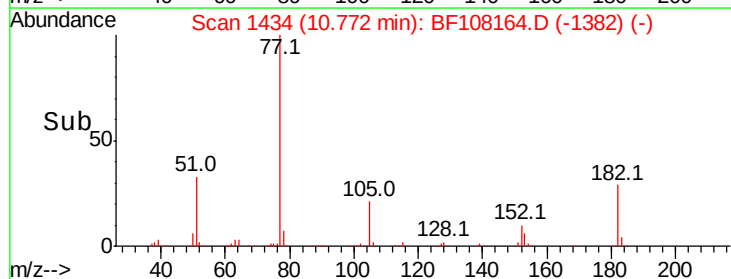
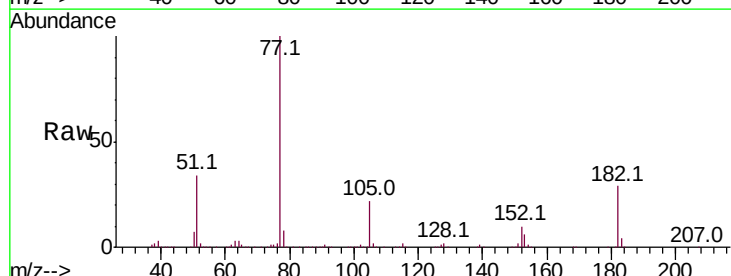
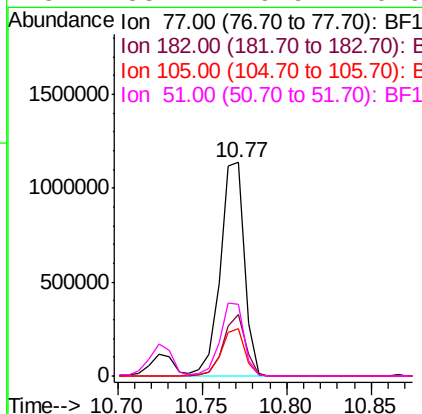
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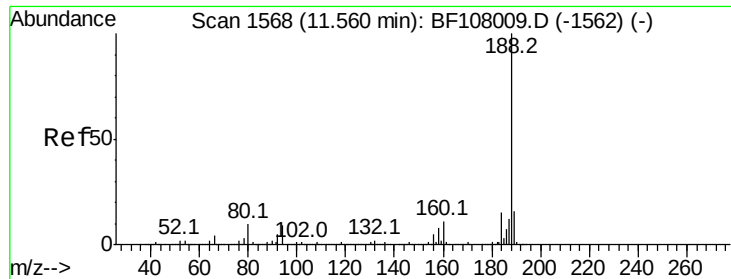
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#62
Azobenzene
Concen: 41.391 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	1.7	41.7
105	22.2	3.0	43.0
51	33.7	9.9	49.9





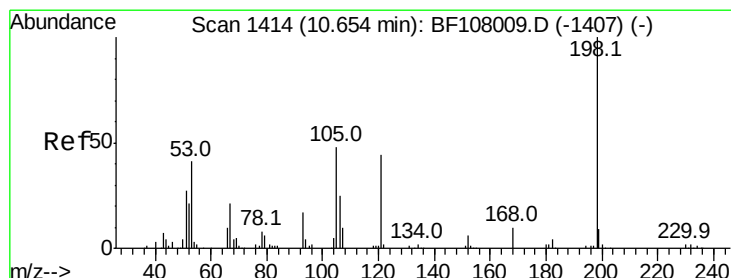
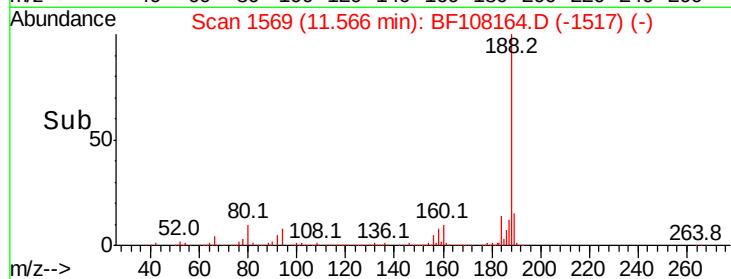
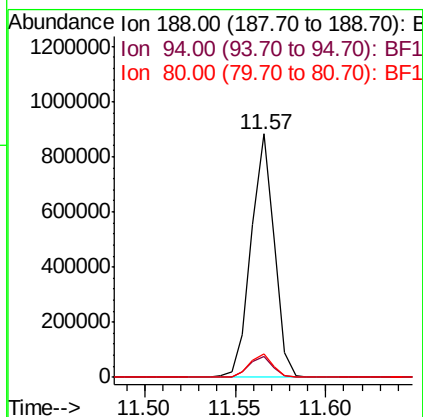
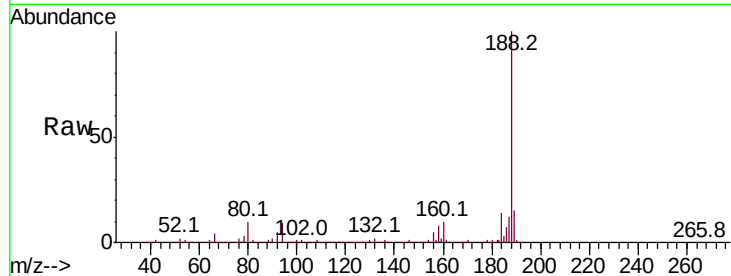
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.6	9.2	13.8

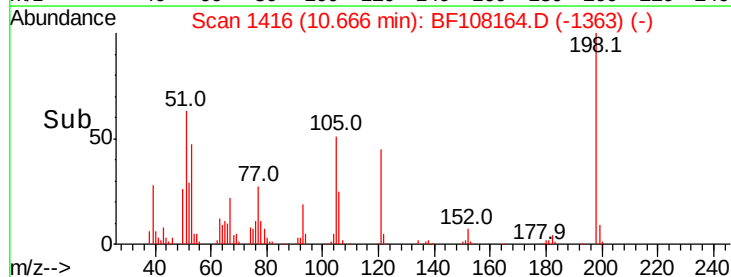
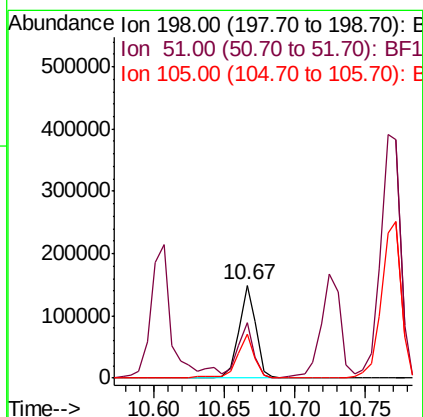
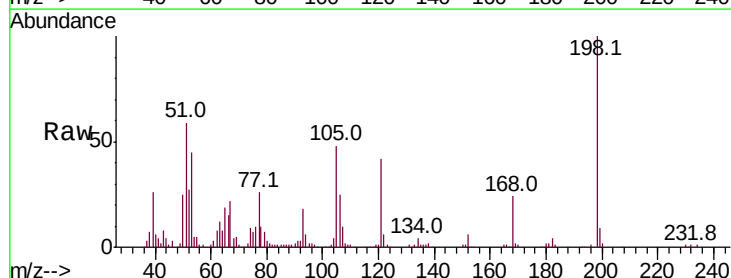
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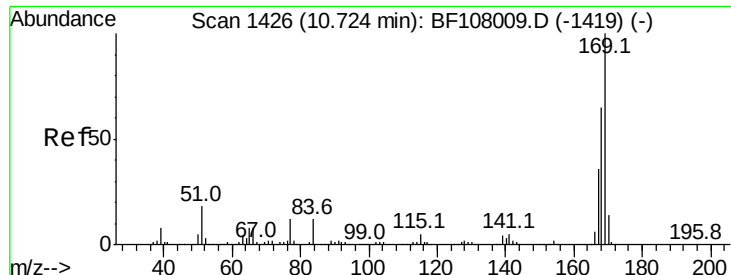
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.986 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.0	37.7	77.7
105	47.6	36.3	76.3





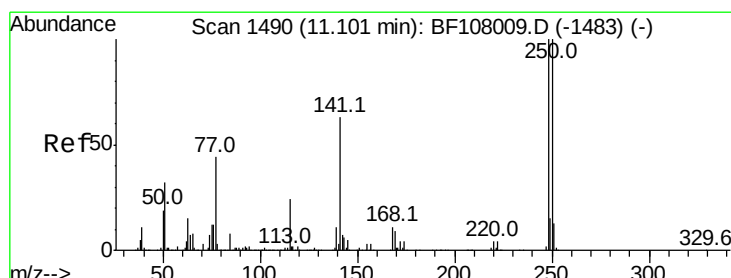
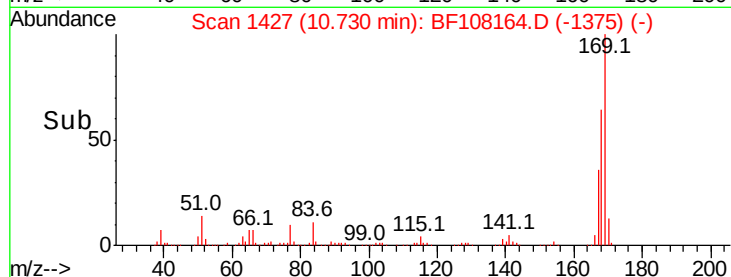
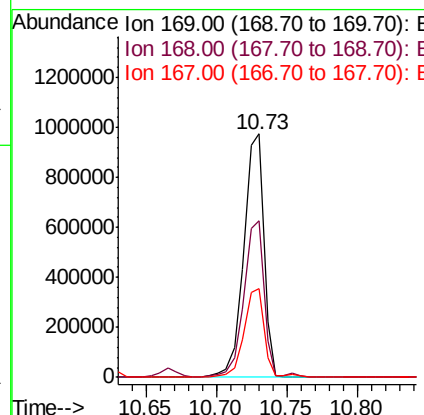
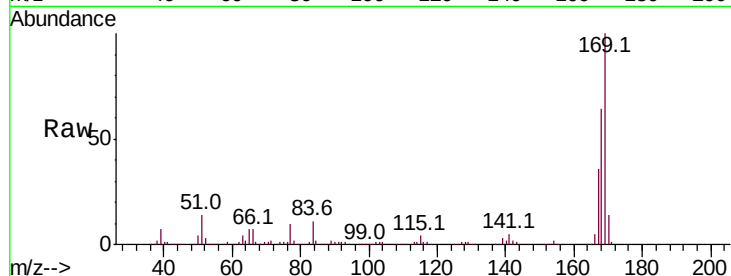
#65
n-Nitrosodiphenylamine
Concen: 41.801 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.5	54.4	81.6	
167	36.4	29.8	44.6	

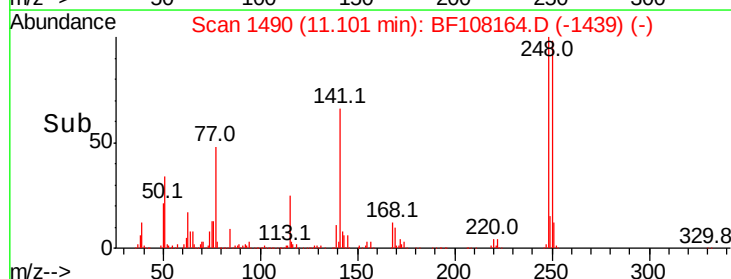
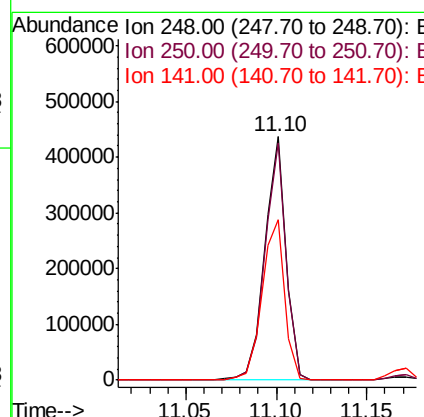
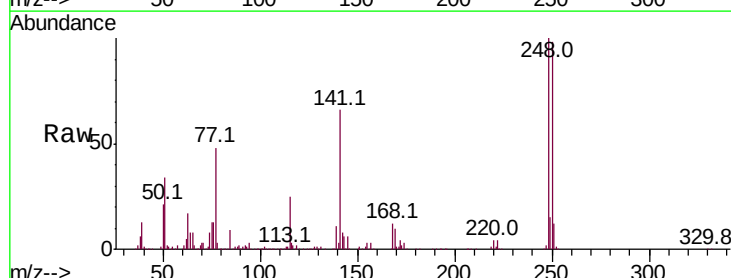
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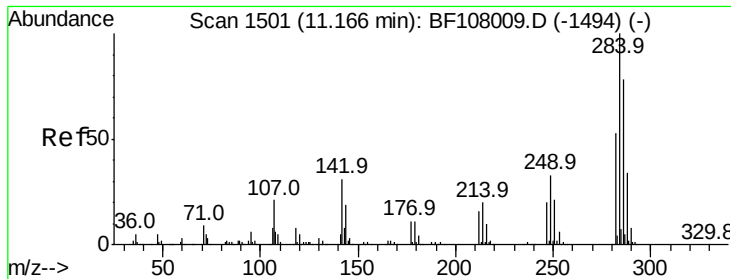
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.852 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.5	76.9	115.3	
141	66.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 41.179 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

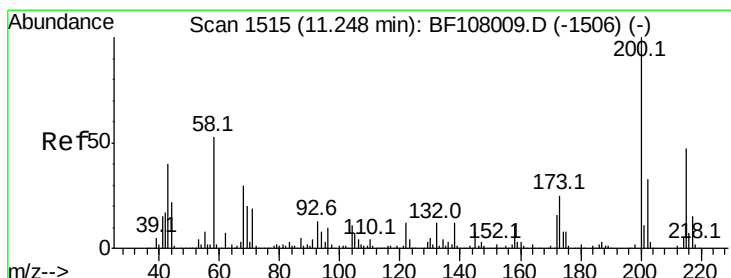
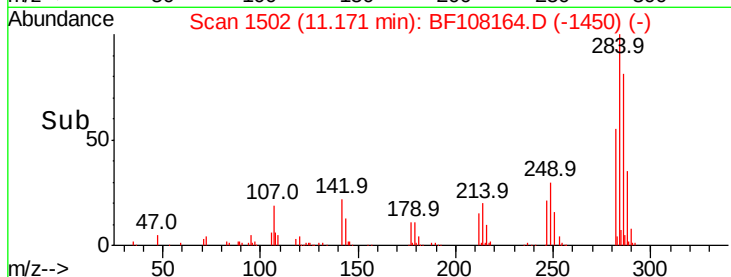
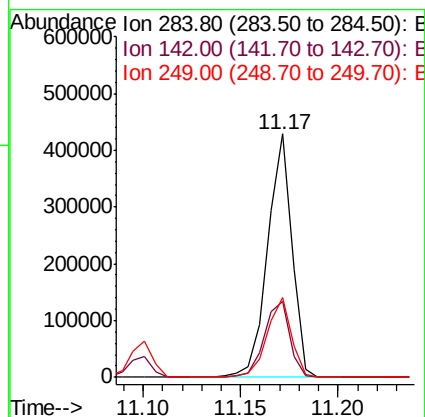
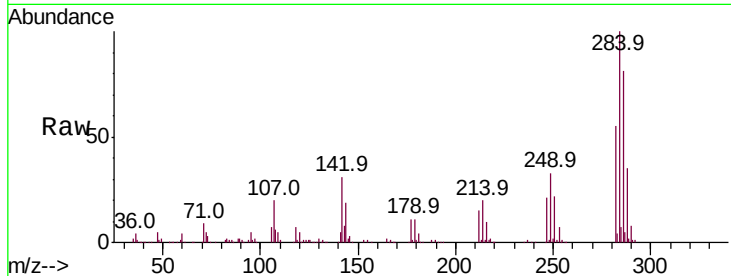
ClientSampleId :

PB111971BS

Tot Ion:	284	Resp:	369157
Ion Ratio	Lower	Upper	
284	100		
142	31.2	34.6	52.0#
249	32.7	24.8	37.2

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#68

Atrazine

Concen: 43.080 ng

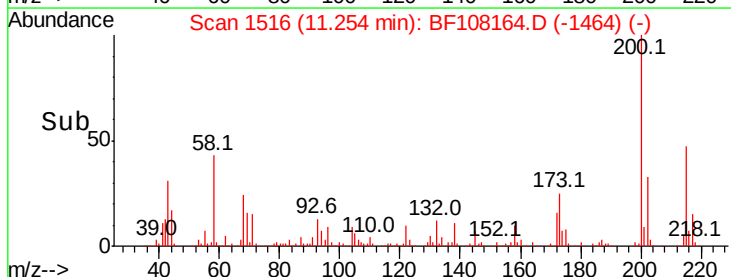
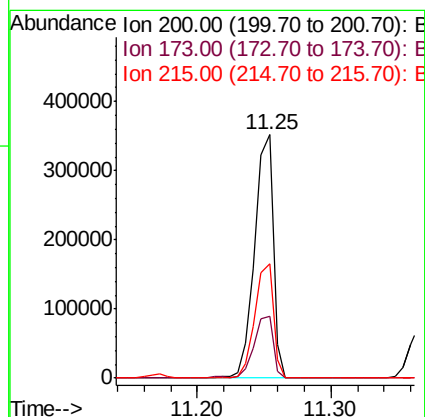
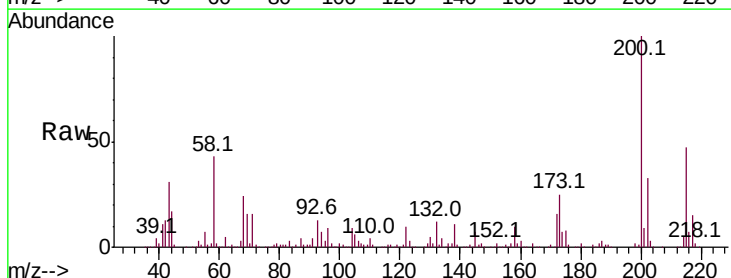
RT: 11.25 min Scan# 1516

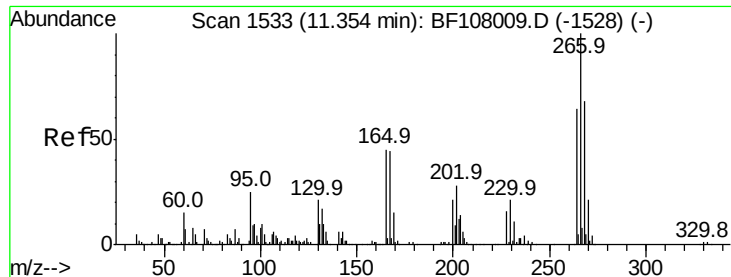
Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion:	200	Resp:	334771
Ion Ratio	Lower	Upper	
200	100		
173	25.3	8.6	48.6
215	47.0	25.1	65.1





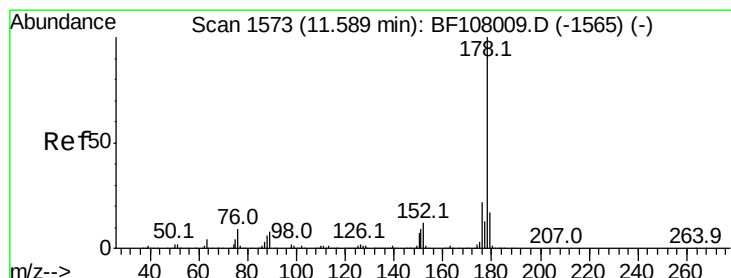
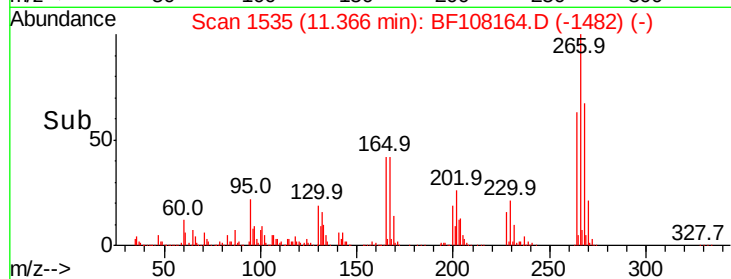
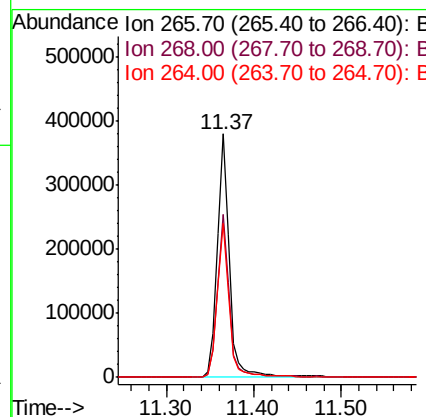
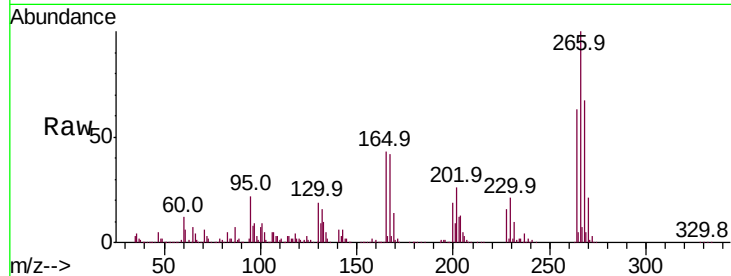
#69
 Pentachlorophenol
 Concen: 86.743 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	372205		
268	67.0		51.1	76.7
264	63.2		49.5	74.3

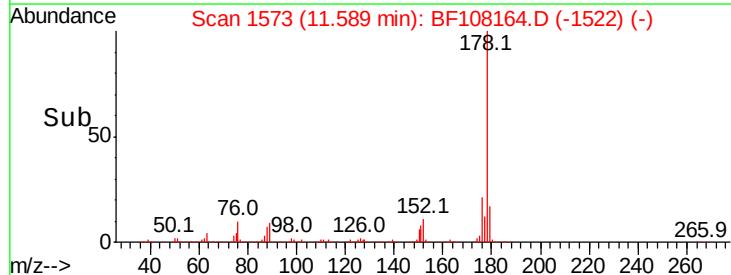
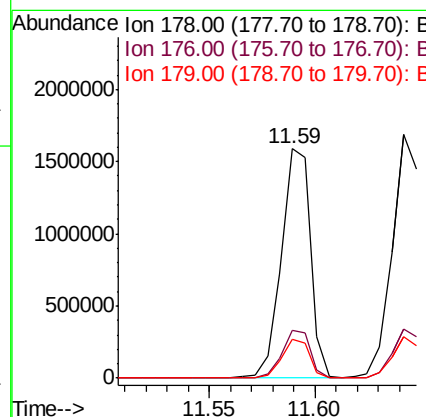
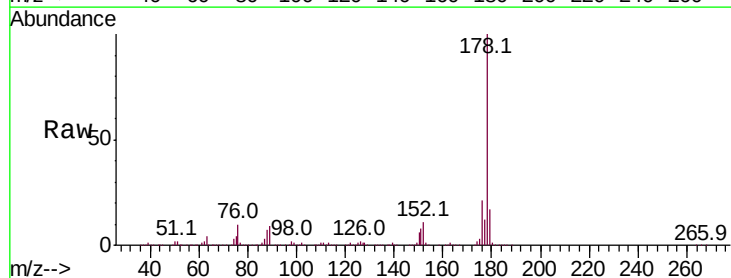
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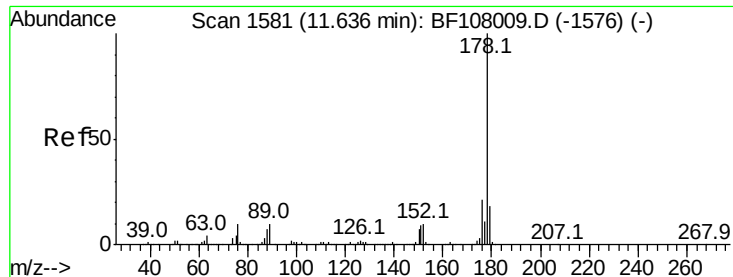
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#70
 Phenanthrene
 Concen: 41.349 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1529068		
176	20.9		15.8	23.8
179	16.7		13.0	19.6





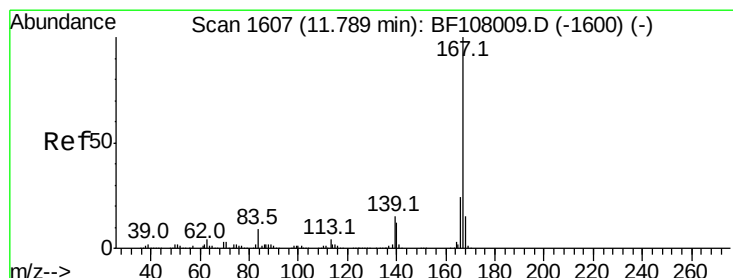
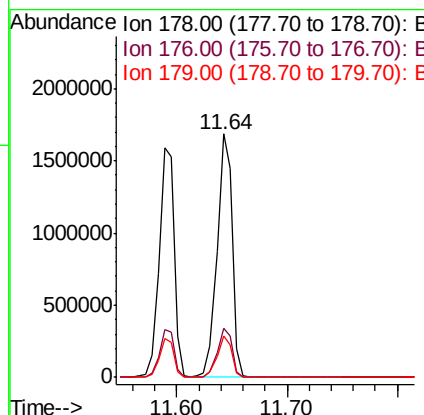
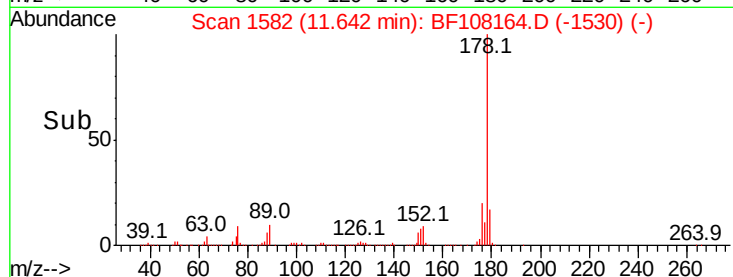
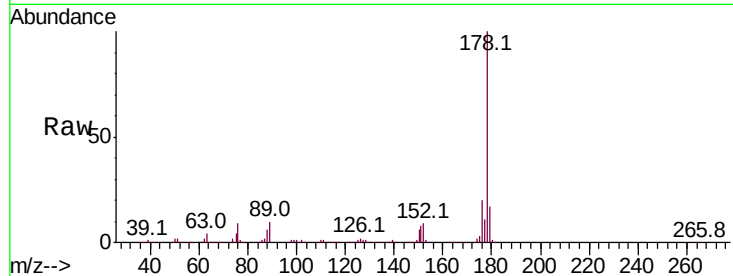
#71
 Anthracene
 Concen: 41.800 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.7	12.6	19.0

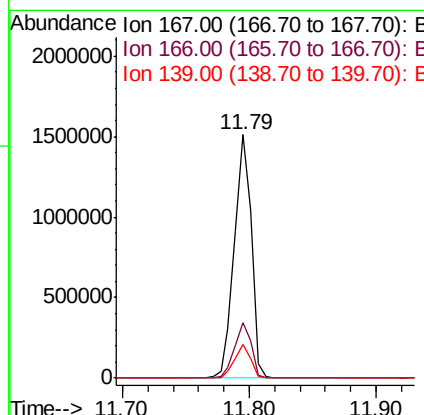
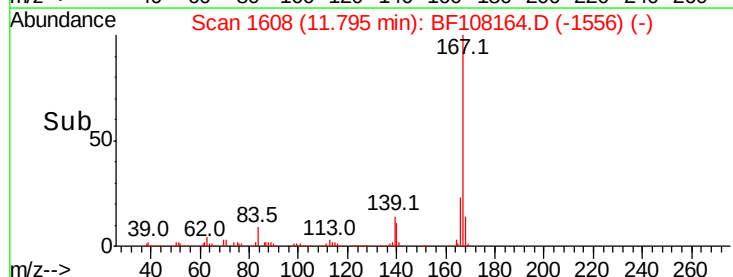
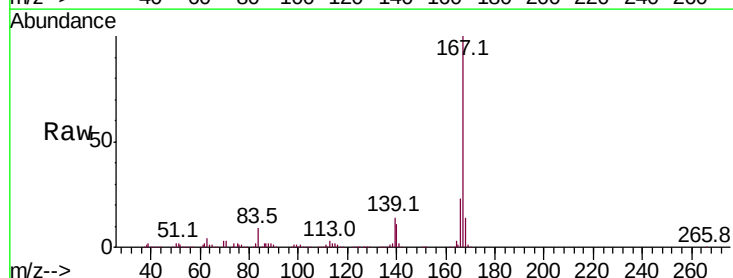
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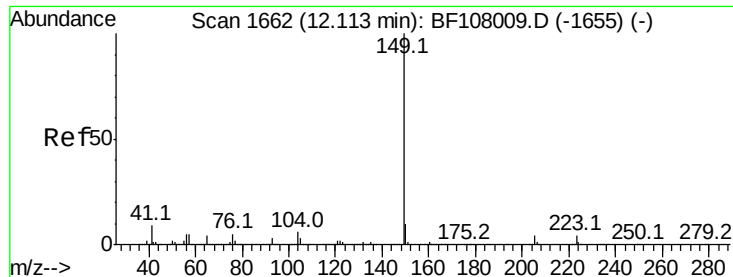
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#72
 Carbazole
 Concen: 41.297 ng
 RT: 11.79 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.9	10.9	16.3





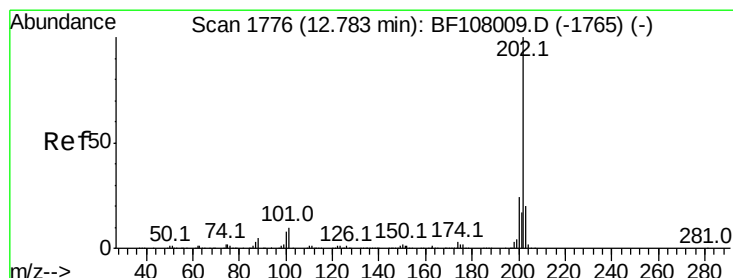
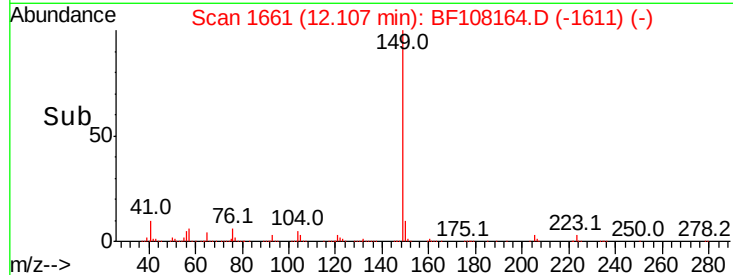
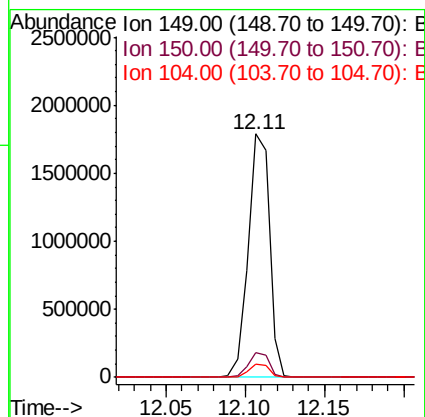
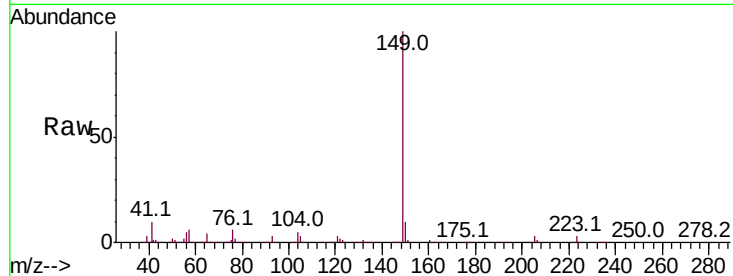
#73
Di-n-butylphthalate
Concen: 43.449 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.5	3.8	5.8

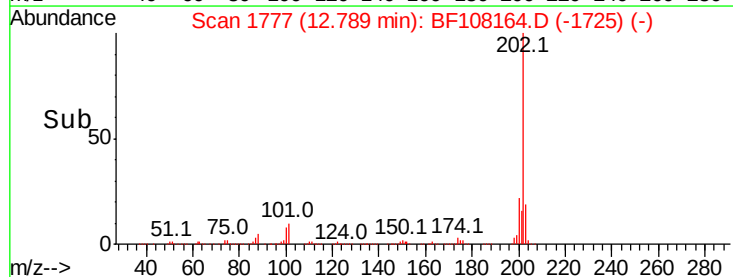
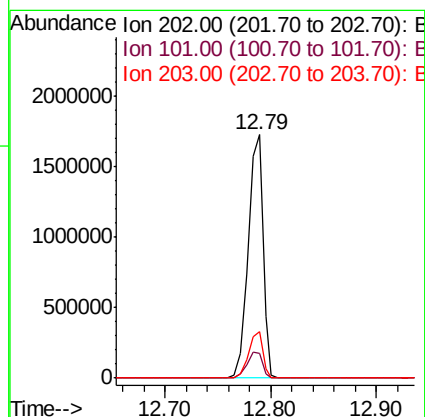
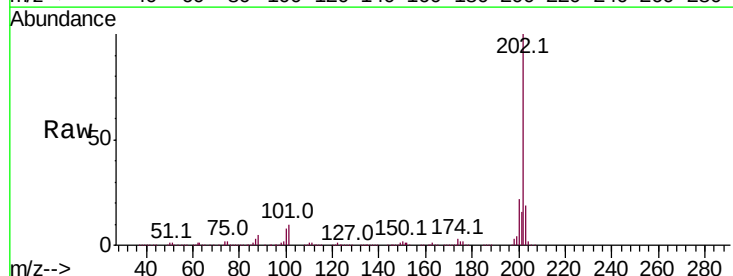
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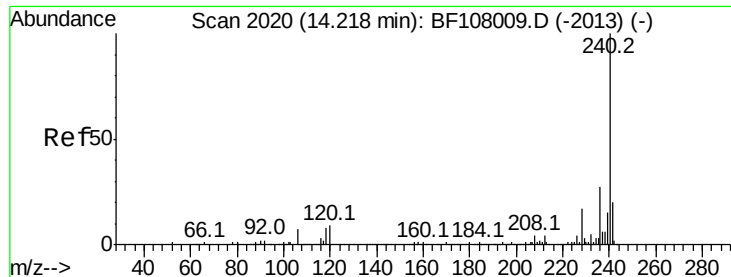
Sohil
8/16/2018 5:26:58 PM



#74
Fluoranthene
Concen: 41.178 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

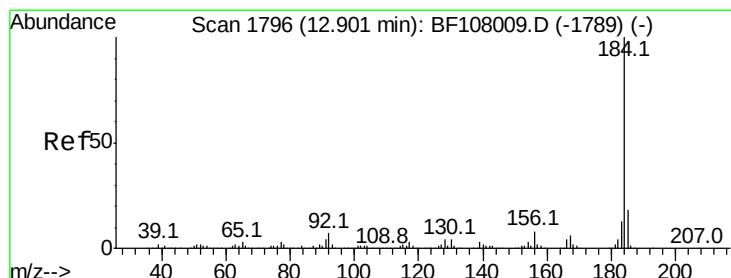
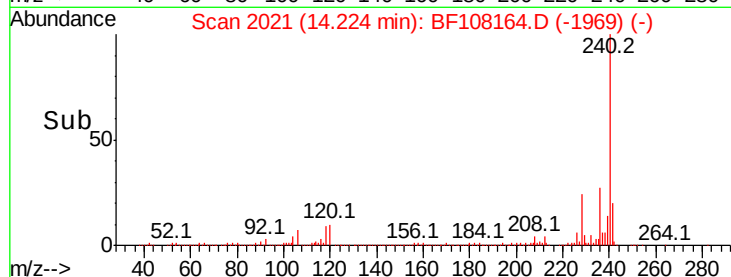
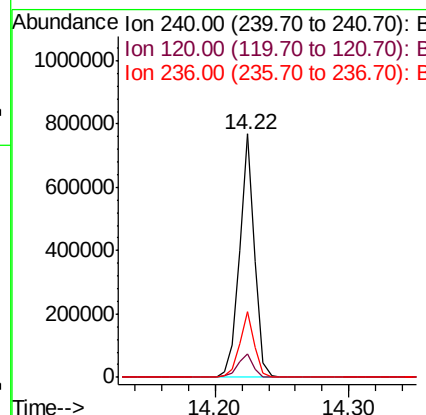
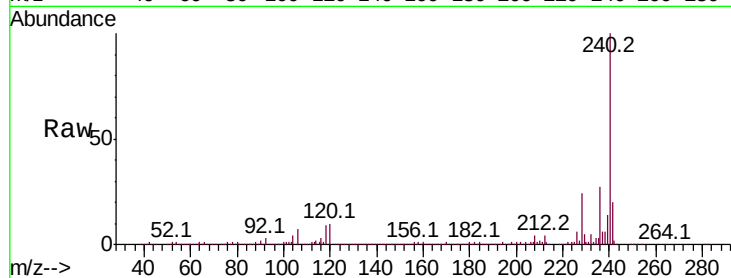
ClientSampleId :

PB111971BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	27.2	20.7	31.1

Manual Integrations
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Sohil
8/16/2018 5:26:58 PM



#76

Benzidine

Concen: 38.528 ng

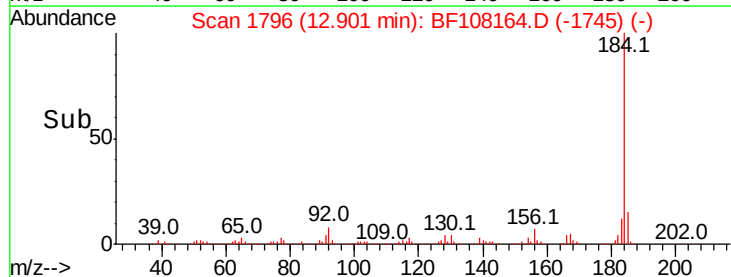
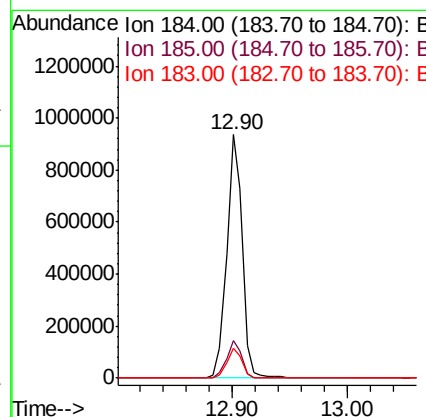
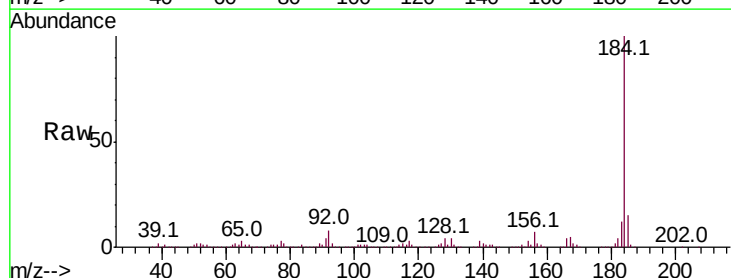
RT: 12.90 min Scan# 1796

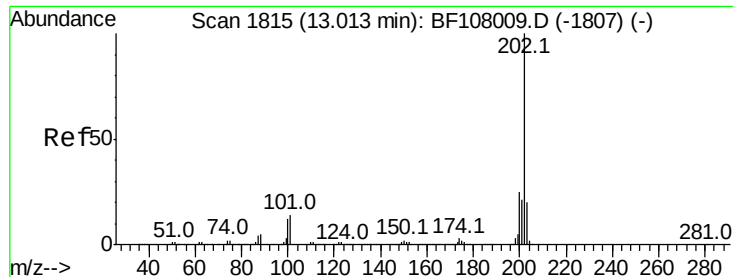
Delta R.T. 0.00 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	12.3	9.3	13.9





#77

Pvrene

Concen: 43.389 ng

RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

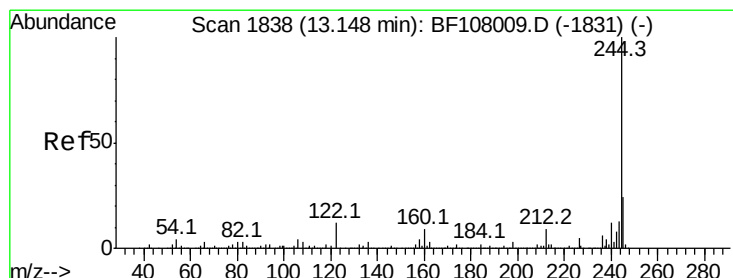
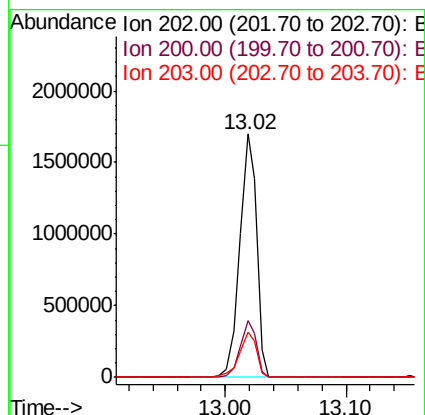
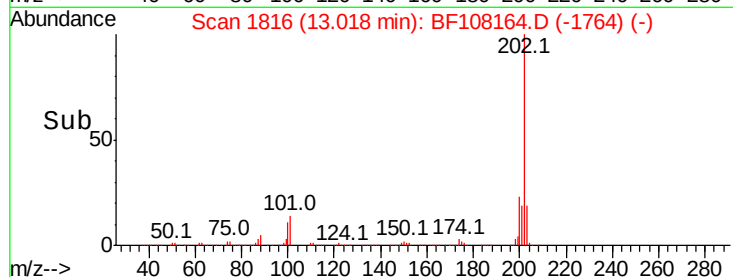
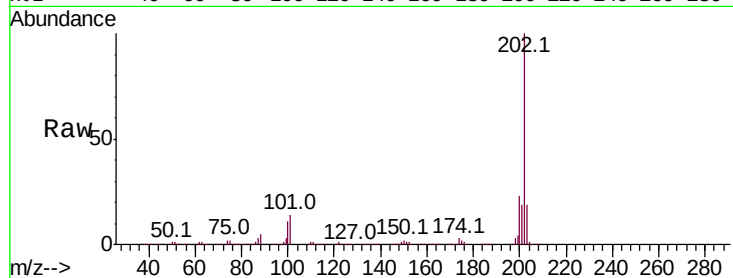
ClientSampleId :

PB111971BS

Tot Ion:	202	Resp:	1659823
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.4	26.2
203	18.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.231 ng

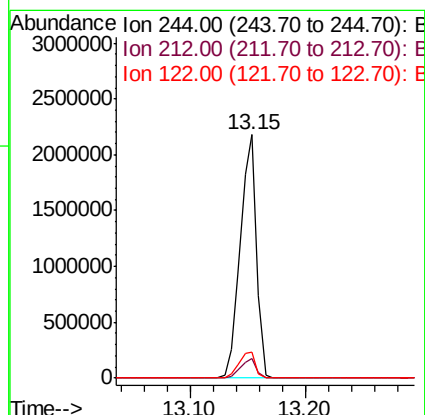
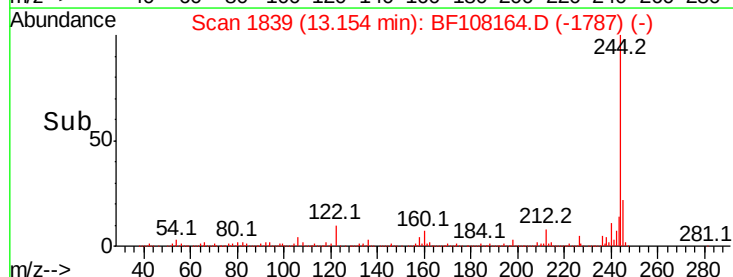
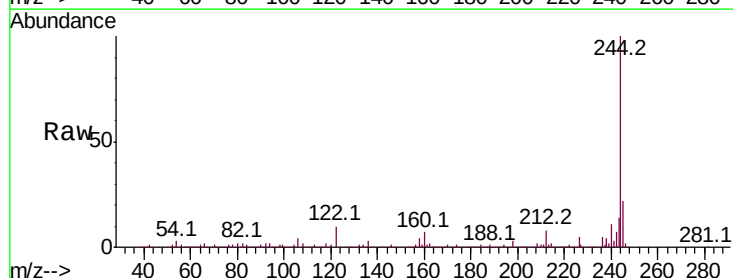
RT: 13.15 min Scan# 1839

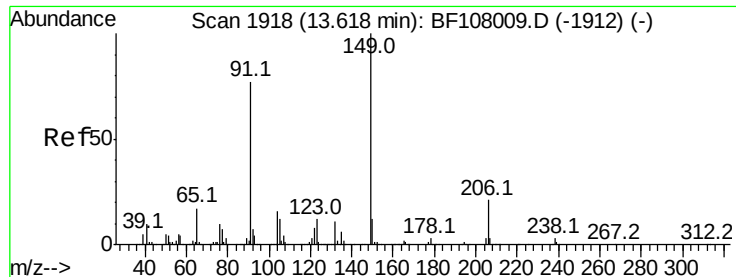
Delta R.T. 0.01 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Tgt Ion:	244	Resp:	2120564
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0#
122	10.5	11.0	16.4#





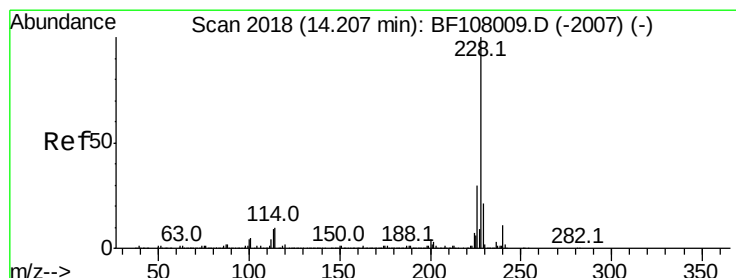
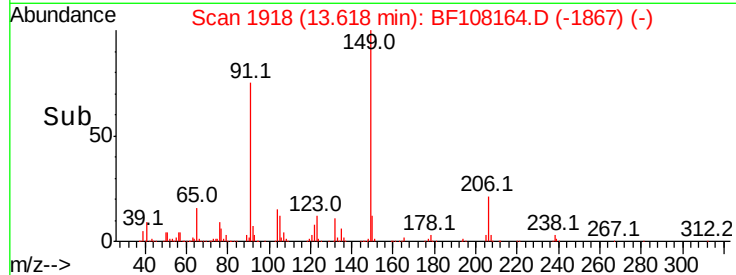
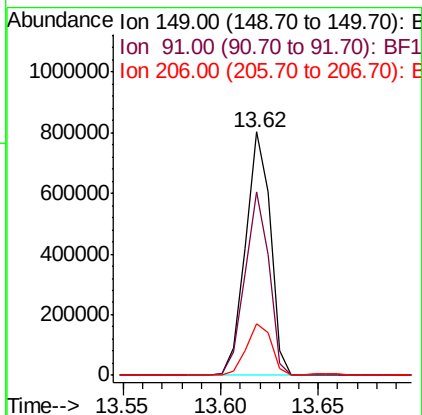
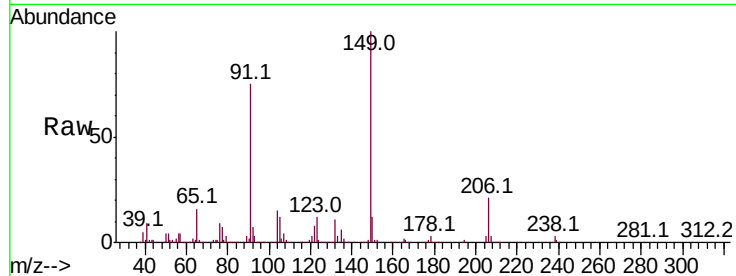
#79
Butylbenzylphthalate
Concen: 46.760 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampled :
PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	710299		
91	75.4	56.8	85.2	
206	21.0	14.1	21.1	

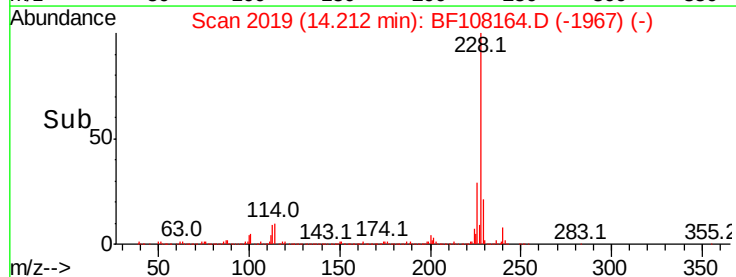
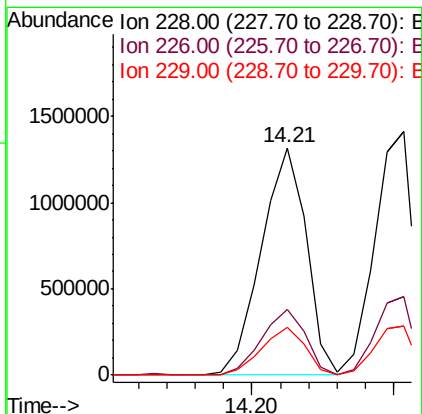
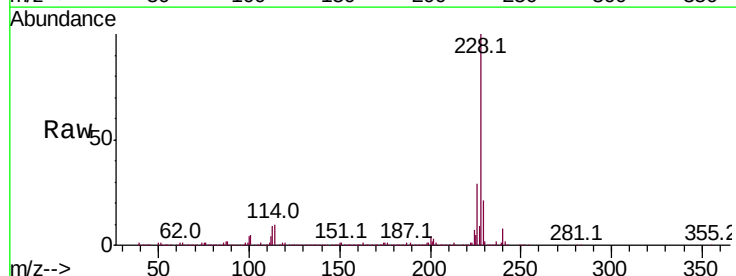
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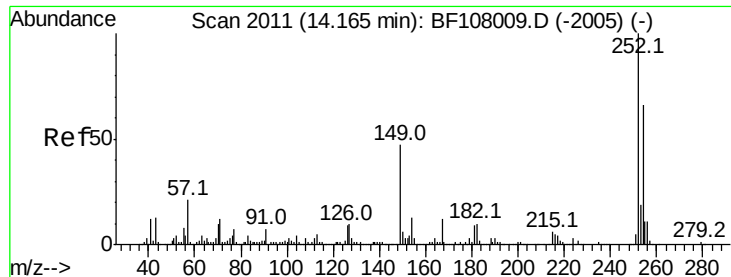
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#80
Benzo(a)anthracene
Concen: 42.125 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1460760		
226	28.8	22.6	33.8	
229	20.9	15.8	23.6	





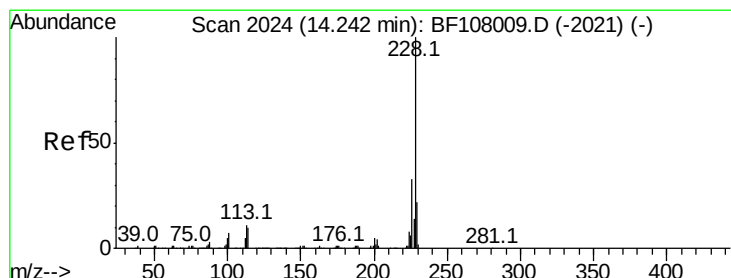
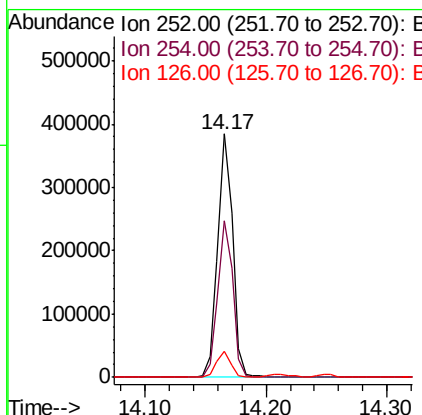
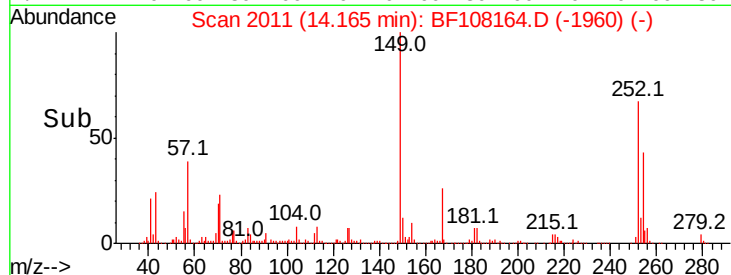
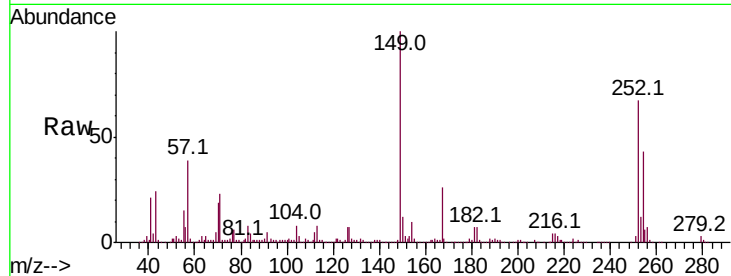
#81
 3,3'-Dichlorobenzidine
 Concen: 26.137 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampled :
 PB111971BS

Tot Ion:	252	Resp:	324808
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.4	75.6
126	10.6	11.3	16.9#

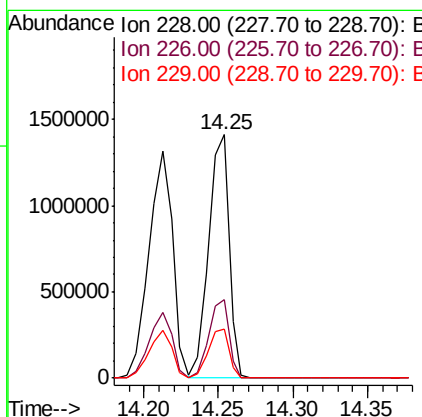
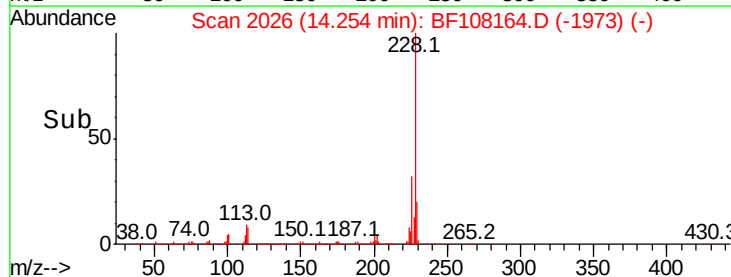
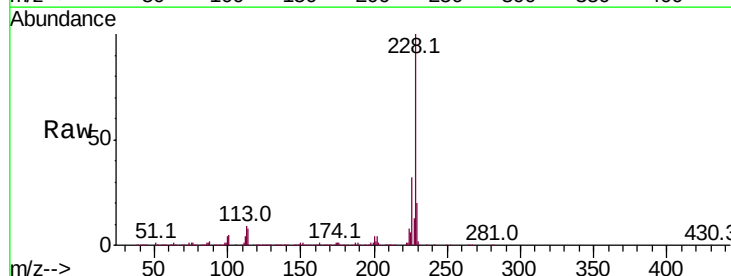
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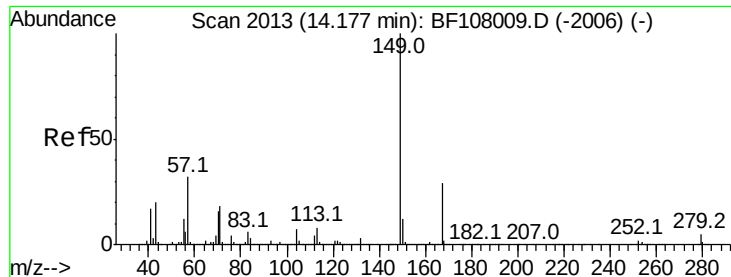
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#82
 Chrysene
 Concen: 41.948 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion:	228	Resp:	1333580
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.0	37.6
229	20.1	16.2	24.4





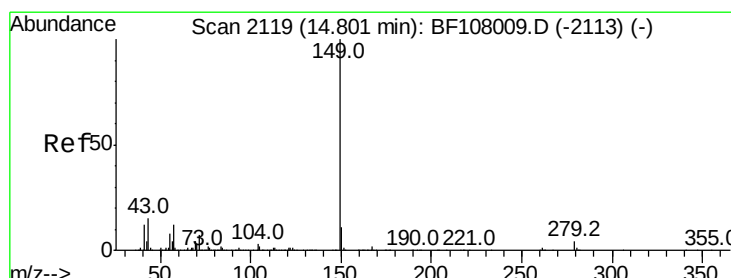
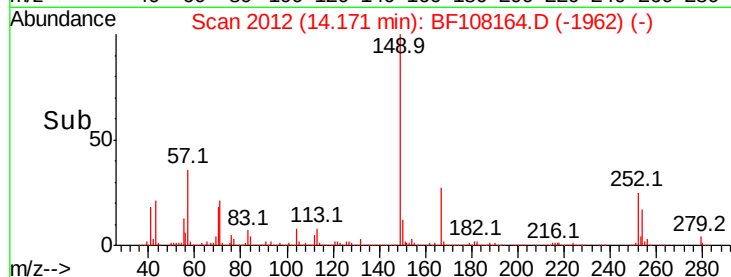
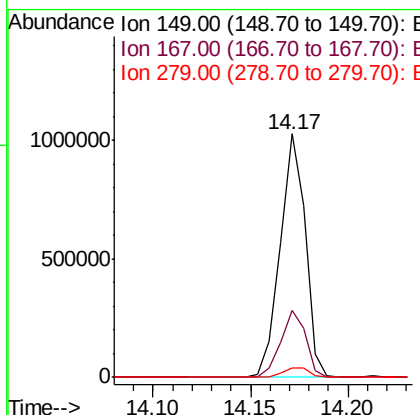
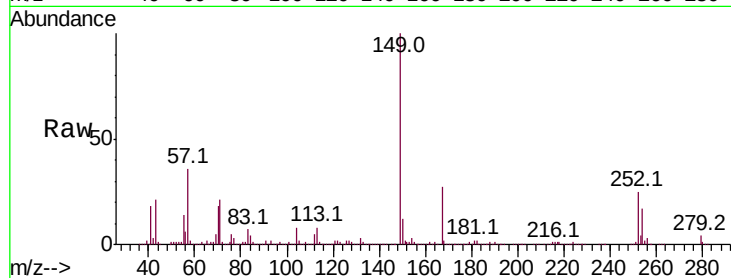
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.540 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111971BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	916213		
167	27.3	21.3	31.9	
279	3.9	3.0	4.4	

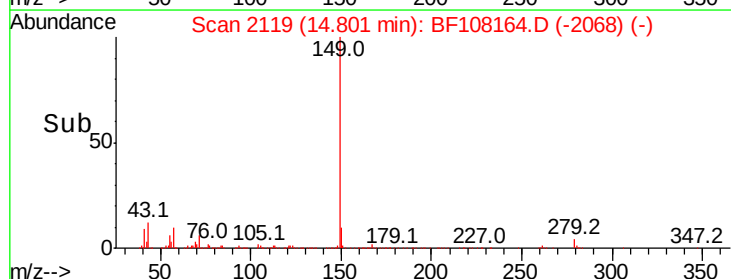
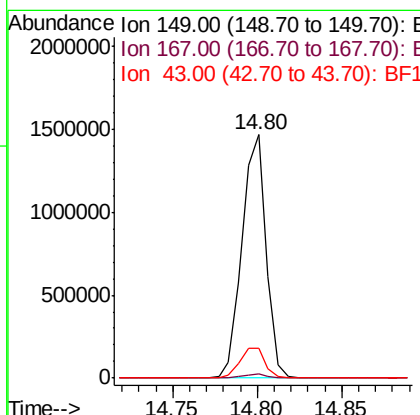
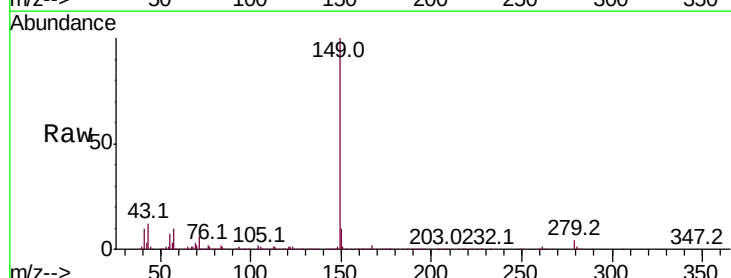
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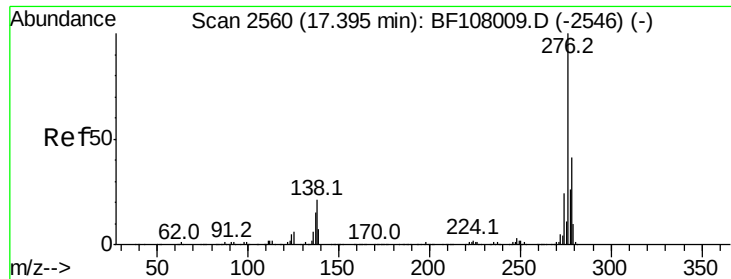
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#84
 Di-n-octyl phthalate
 Concen: 46.553 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108164.D
 Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1460439		
167	1.5	1.2	1.8	
43	12.5	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.239 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

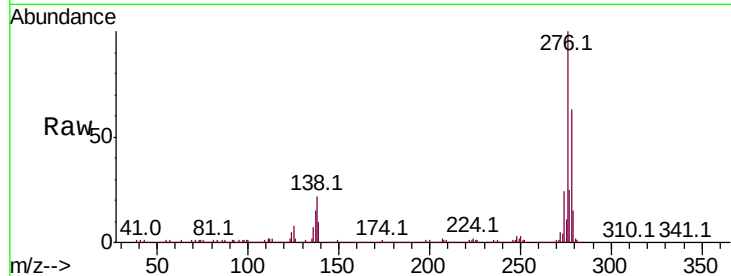
ClientSampleId :

PB111971BS

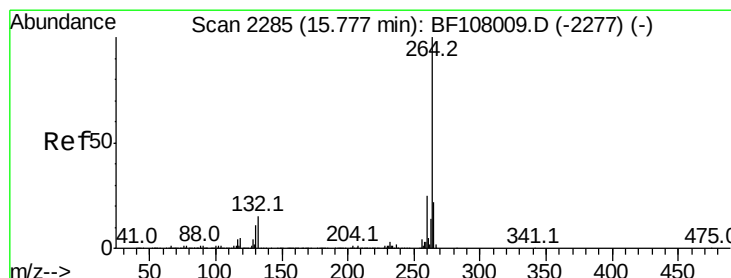
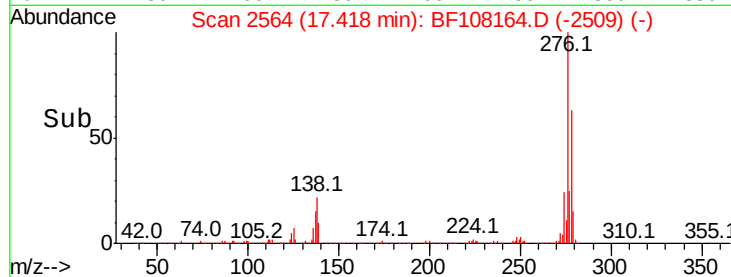
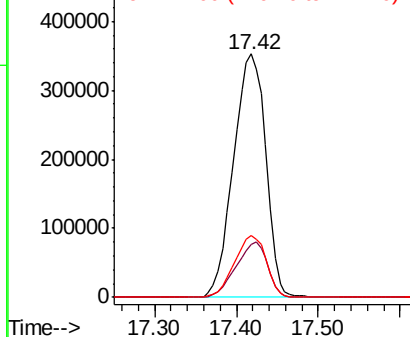
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.0	37.6#
277	25.0	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

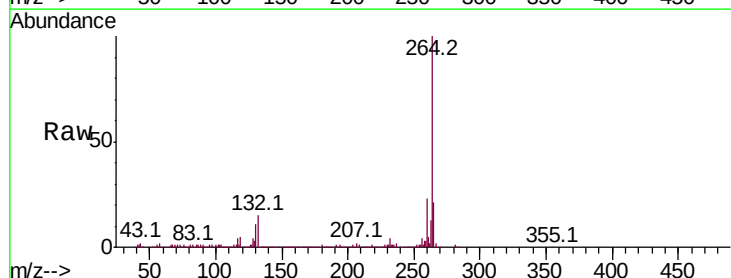
RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

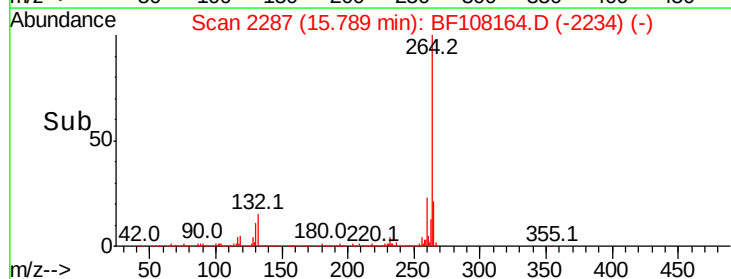
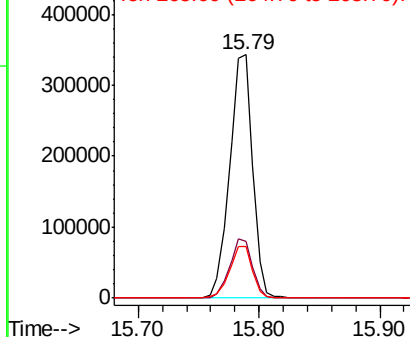
Lab File: BF108164.D

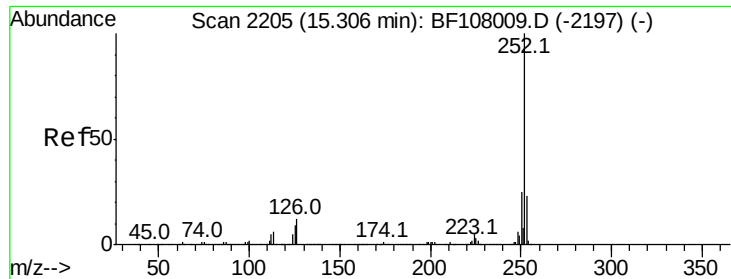
Acq: 15 Aug 2018 14:40

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



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





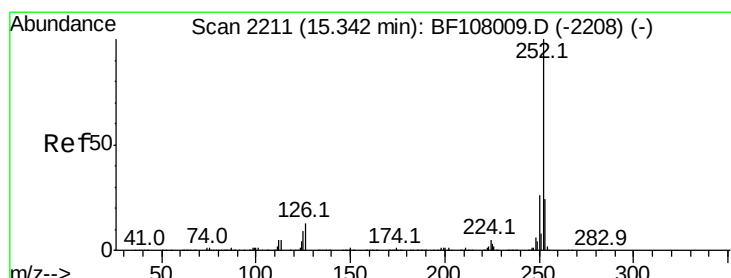
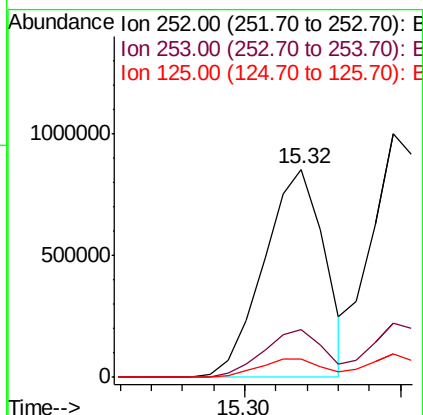
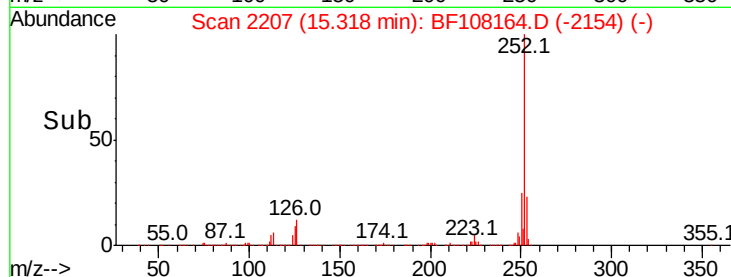
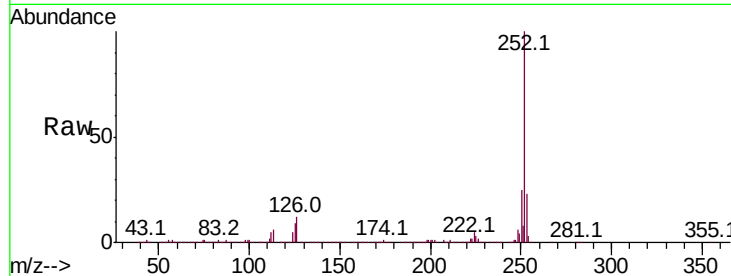
#87
Benzo(b)fluoranthene
Concen: 42.638 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	8.7	9.0	13.6#

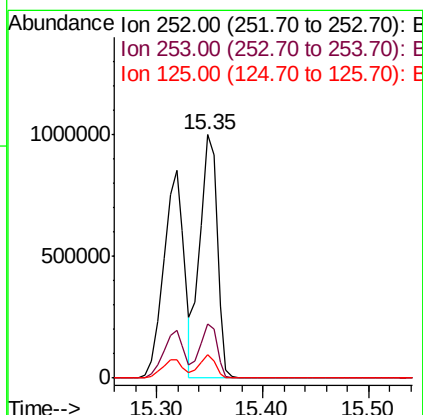
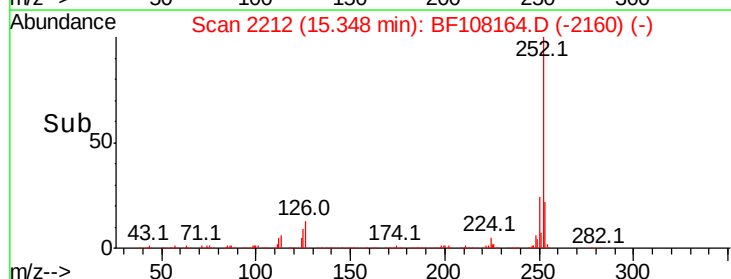
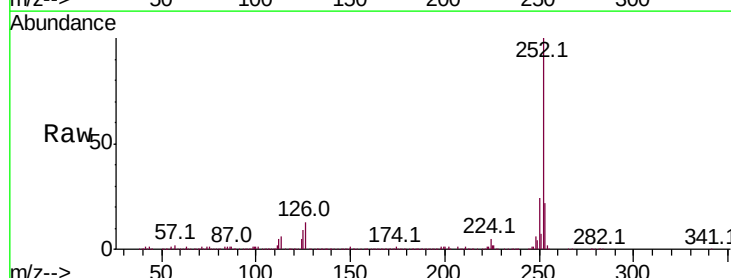
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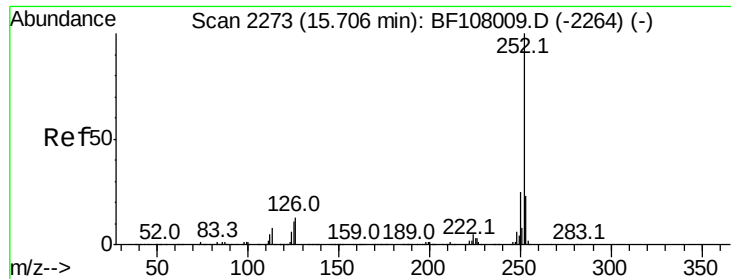
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#88
Benzo(k)fluoranthene
Concen: 45.399 ng
RT: 15.35 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.4	10.2	15.2#





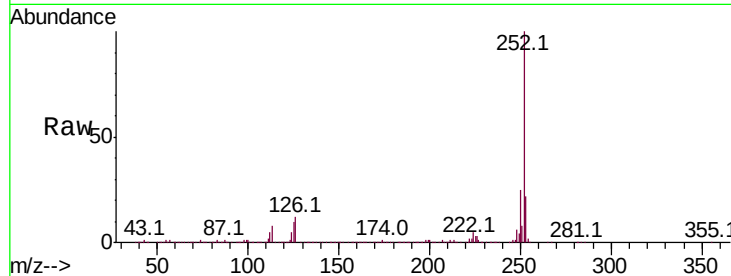
#89
Benzo(a)pyrene
Concen: 43.147 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.0	9.8	14.6

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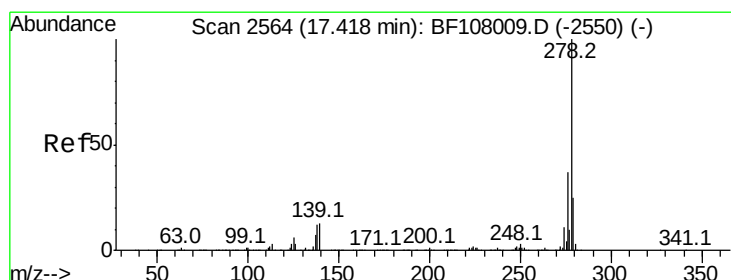
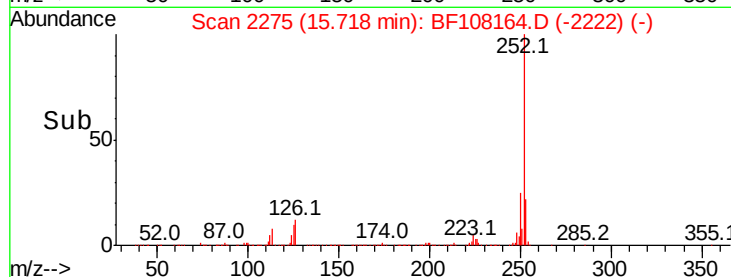
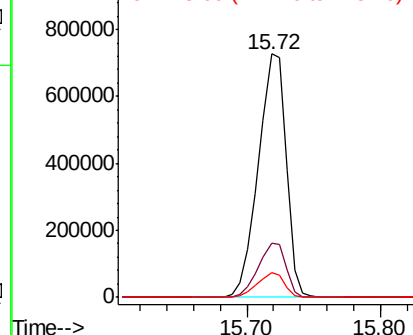


Abundance

Ion 252.00 (251.70 to 252.70): E

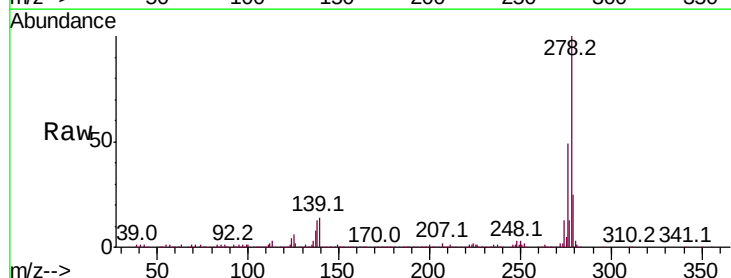
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 39.826 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108164.D
Acq: 15 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.9	23.9#
279	24.6	19.0	28.4

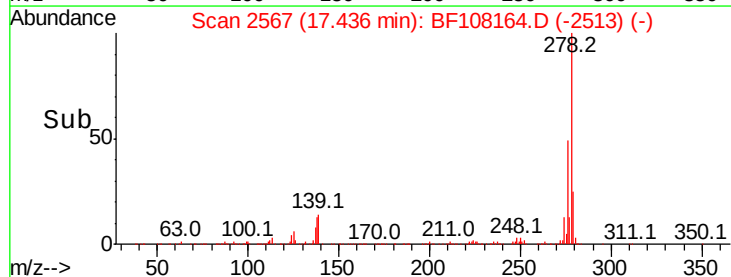
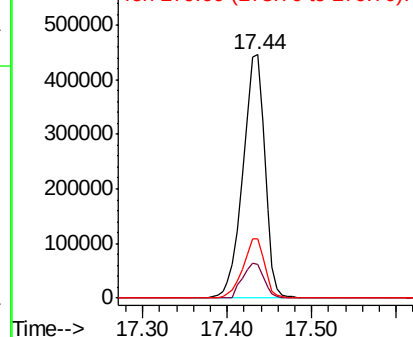


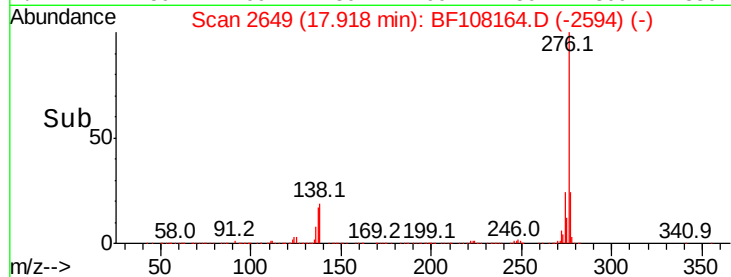
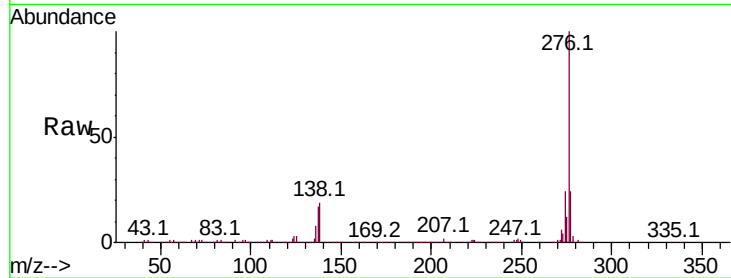
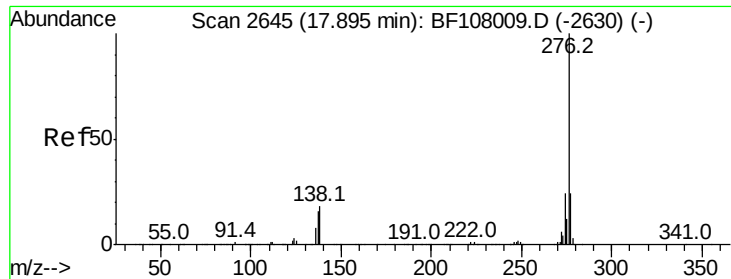
Abundance

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: 40.465 ng

RT: 17.92 min Scan# 2649

Delta R.T. 0.02 min

Lab File: BF108164.D

Acq: 15 Aug 2018 14:40

Instrument :

BNA_F

ClientSampled :

PB111971BS

Tot Ion:	276	Resp:	800042
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	18.8	21.8	32.8#

Manual Integrations
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