

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110958.D
 Acq On : 26 Nov 2018 12:21
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:36:53 AM

Quant Time: Nov 26 15:20:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 14:02:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	68055	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	284447	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	135737	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	257674	20.00	ng	0.00
76) Chrysene-d12	14.14	240	166261	20.00	ng	0.00
87) Perylene-d12	15.67	264	124533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	645690	137.45	ng	0.00
7) Phenol-d6	6.58	99	814229	152.25	ng	0.01
23) Nitrobenzene-d5	7.52	82	781594	157.26	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	205502	152.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1363821	145.57	ng	0.00
79) Terphenyl-d14	13.06	244	1370712	160.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	157319	80.015	ng	91
3) Pyridine	3.54	79	344272	79.964	ng	# 85
4) n-Nitrosodimethylamine	3.53	42	163170	82.826	ng	87
6) Aniline	6.62	93	511228	77.326	ng	# 55
8) 2-Chlorophenol	6.73	128	371689	76.423	ng	95
9) Benzaldehyde	6.50	77	174798	91.749	ng	97
10) Phenol	6.59	94	466821	77.508	ng	# 71
11) bis(2-Chloroethyl)ether	6.68	93	350486	77.242	ng	94
12) 1,3-Dichlorobenzene	6.88	146	405916	75.971	ng	98
13) 1,4-Dichlorobenzene	6.96	146	412441	75.065	ng	99
14) 1,2-Dichlorobenzene	7.11	146	378423	73.177	ng	98
15) Benzyl Alcohol	7.09	79	310318	75.503	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	528042	73.124	ng	77
17) 2-Methylphenol	7.20	107	288887	74.706	ng	91
18) Hexachloroethane	7.45	117	155640	77.007	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	262938	75.477	ng	97
20) 3+4-Methylphenols	7.35	107	364938	70.994	ng	# 87
22) Acetophenone	7.36	105	505467	75.812	ng	# 97
24) Nitrobenzene	7.53	77	396632	76.739	ng	97
25) Isophorone	7.77	82	646825	79.337	ng	98
26) 2-Nitrophenol	7.85	139	206600	82.275	ng	98
27) 2,4-Dimethylphenol	7.87	122	299099	78.873	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	423742	77.582	ng	99
29) 2,4-Dichlorophenol	8.09	162	311197	78.423	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	344488	77.463	ng	96
31) Naphthalene	8.25	128	1004563	75.341	ng	99
32) Benzoic acid	8.06	122	246051	87.271	ng	96
33) 4-Chloroaniline	8.30	127	441448	77.786	ng	99
34) Hexachlorobutadiene	8.35	225	197950	78.151	ng	98
35) Caprolactam	8.72	113	103453m	76.071	ng	
36) 4-Chloro-3-methylphenol	8.79	107	338491	76.772	ng	98
37) 2-Methylnaphthalene	8.94	142	665747	75.593	ng	99
38) 1-Methylnaphthalene	9.04	142	641757	74.915	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	329505	77.168	ng	99

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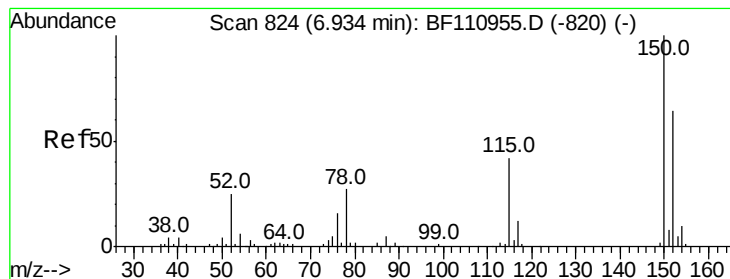
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	62133	79.891	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	204115	80.039	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	211794	78.873	nq	95
46) 1,1'-Biphenyl	9.40	154	940217	75.132	nq	98
47) 2-Chloronaphthalene	9.43	162	691744	76.238	nq	96
48) 2-Nitroaniline	9.54	65	226014	79.637	nq	98
49) Acenaphthylene	9.85	152	953403	73.894	nq	99
50) Dimethylphthalate	9.70	163	746079	74.945	nq	99
51) 2,6-Dinitrotoluene	9.78	165	173129	78.120	nq #	87
52) Acenaphthene	10.02	154	620739	75.048	nq	99
53) 3-Nitroaniline	9.96	138	203457	78.768	nq	96
54) 2,4-Dinitrophenol	10.07	184	62664	80.029	nq	91
55) Dibenzofuran	10.19	168	872240	72.285	nq	99
56) 4-Nitrophenol	10.12	139	115416	80.359	nq	97
57) 2,4-Dinitrotoluene	10.20	165	214604	74.637	nq	96
58) Fluorene	10.54	166	698082	74.357	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	163754	74.307	nq	92
60) Diethylphthalate	10.40	149	770862	75.090	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	362247	73.769	nq	98
62) 4-Nitroaniline	10.59	138	185660	77.198	nq	98
63) Azobenzene	10.69	77	753408	75.295	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	109315	89.684	nq	83
66) n-Nitrosodiphenylamine	10.65	169	656789	76.568	nq	95
67) 4-Bromophenyl-phenylether	11.02	248	214235	76.341	nq	97
68) Hexachlorobenzene	11.09	284	228241	76.358	nq	99
69) Atrazine	11.16	200	100276	41.903	nq	97
70) Pentachlorophenol	11.29	266	98114	82.504	nq	97
71) Phenanthrene	11.51	178	1009704	73.986	nq	99
72) Anthracene	11.56	178	1026783	73.879	nq	99
73) Carbazole	11.72	167	995723	73.813	nq	99
74) Di-n-butylphthalate	12.02	149	1166849	73.981	nq	99
75) Fluoranthene	12.70	202	1021639	72.837	nq	99
77) Benzidine	12.82	184	202289	47.568	nq	97
78) Pyrene	12.93	202	1030050	84.825	nq	100
80) Butylbenzylphthalate	13.53	149	465393	84.888	nq	96
81) Benzo(a)anthracene	14.13	228	774024	78.855	nq	100
82) 3,3'-Dichlorobenzidine	14.08	252	220730	65.582	nq	100
83) Chrysene	14.16	228	738181	76.394	nq	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	603736	82.644	nq	97
85) Di-n-octyl phthalate	14.69	149	889667	77.151	nq	97
86) Indeno(1,2,3-cd)pyrene	17.27	276	593988	85.639	nq	98
88) Benzo(b)fluoranthene	15.21	252	596763	81.572	nq	98
89) Benzo(k)fluoranthene	15.24	252	560743	74.467	nq	99
90) Benzo(a)pyrene	15.60	252	536725	78.816	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	499074	88.825	nq	98
92) Benzo(g,h,i)perylene	17.74	276	497170	91.772	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 68055

Ion Ratio Lower Upper

152 100

150 152.7 122.7 184.1

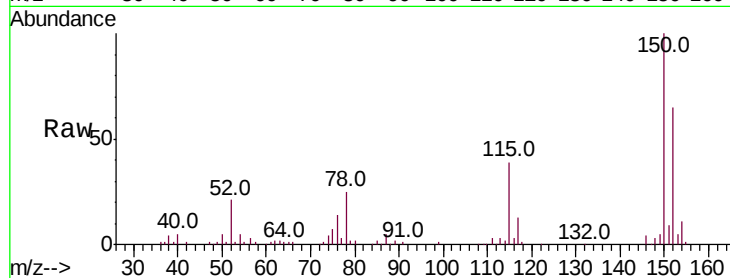
115 60.3 49.1 73.7

Manual Integrations

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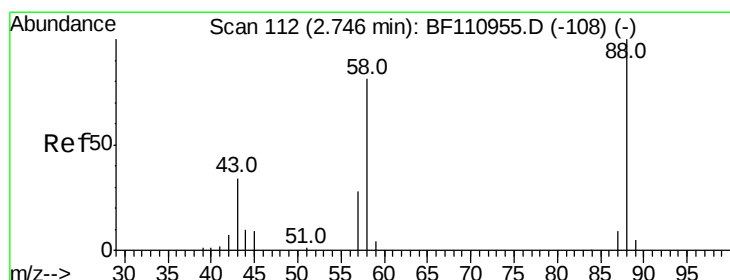
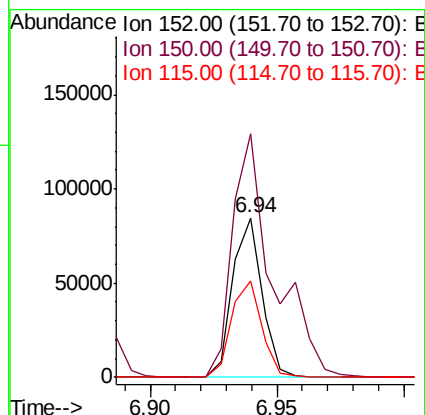
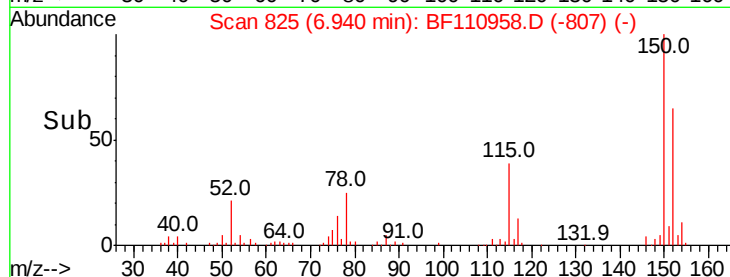
11/27/2018 11:36:53 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 80.015 ng

RT: 2.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

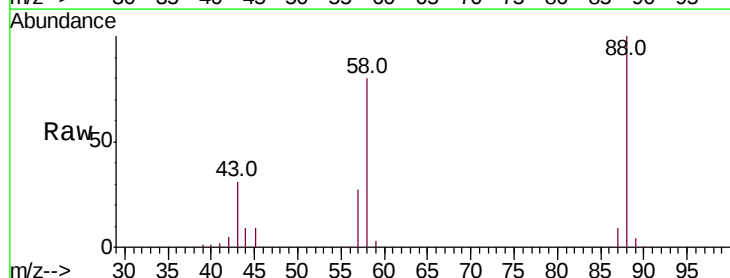
Tgt Ion: 88 Resp: 157319

Ion Ratio Lower Upper

88 100

58 81.0 57.1 85.7

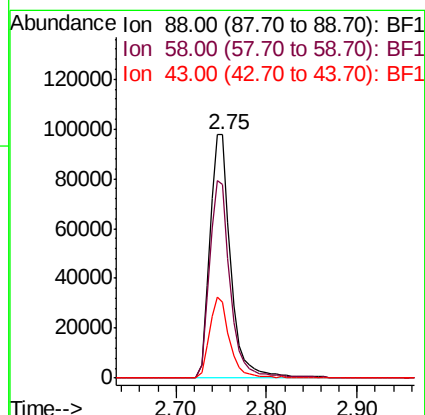
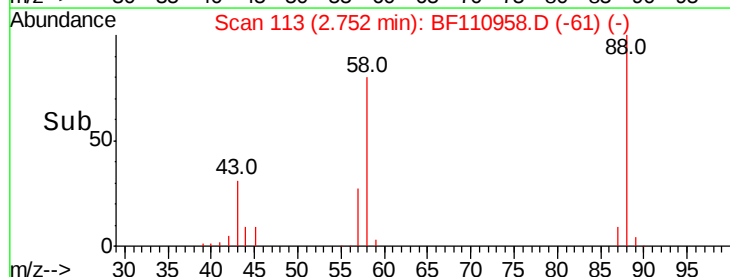
43 32.1 24.1 36.1

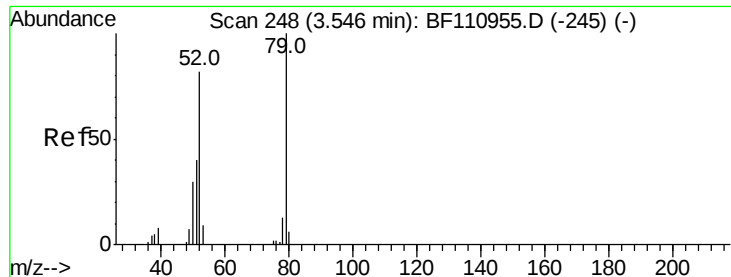


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





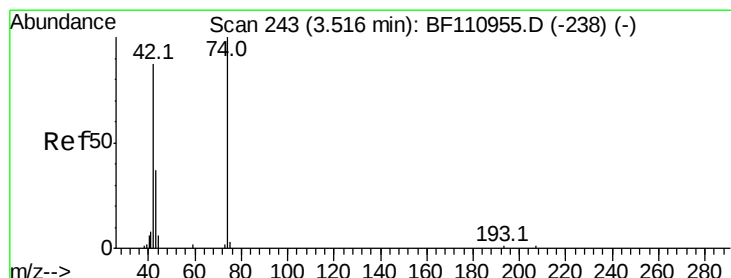
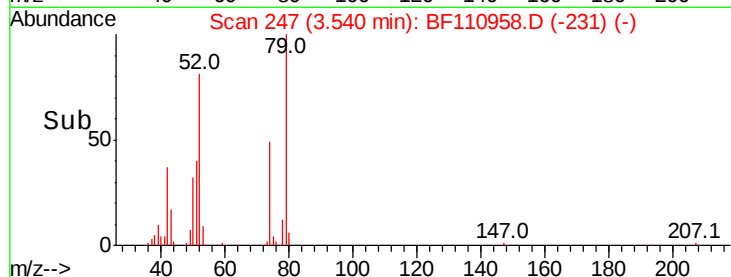
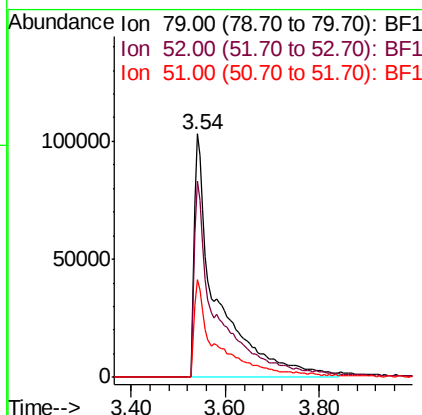
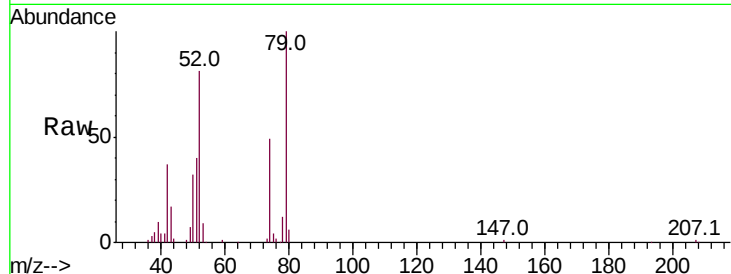
#3
 Pvridine
 Concen: 79.964 ng
 RT: 3.54 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 79 Resp: 344272
 Ion Ratio Lower Upper
 79 100
 52 80.5 53.1 79.7#
 51 40.2 27.4 41.2

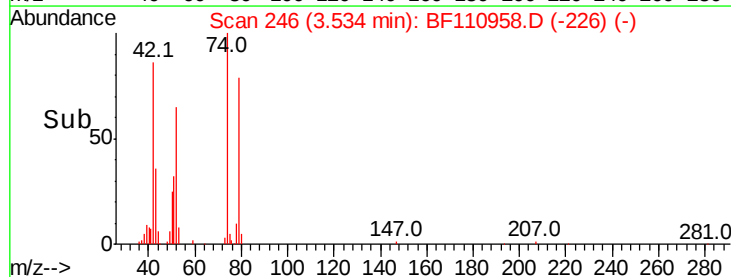
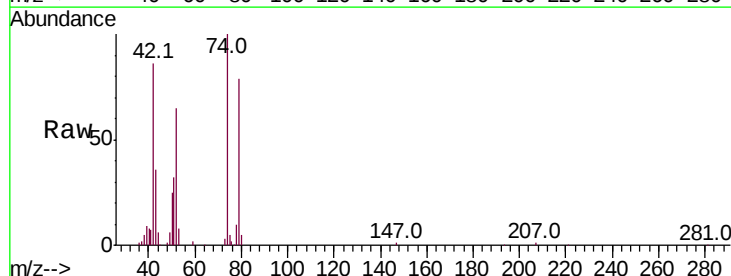
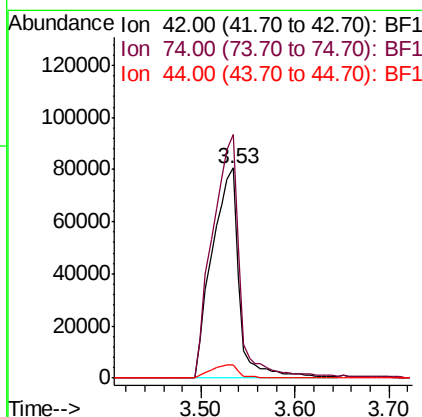
Manual Integrations
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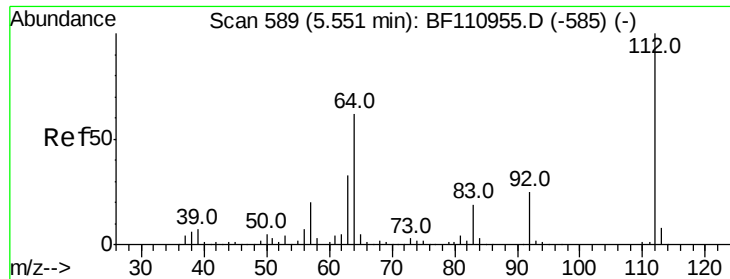
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#4
 n-Nitrosodimethylamine
 Concen: 82.826 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.02 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion: 42 Resp: 163170
 Ion Ratio Lower Upper
 42 100
 74 115.9 105.5 158.3
 44 6.5 4.9 7.3





#5

2-Fluorophenol

Concen: 137.452 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

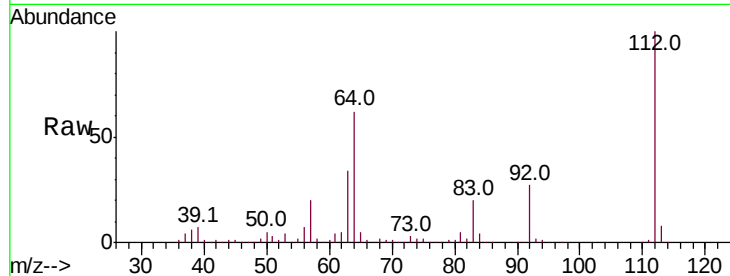
ClientSampleId :

SSTDIC080

Tot Ion:	112	Resp:	645690
Ion Ratio	Lower	Upper	
112	100		
64	62.3	44.1	66.1
63	34.1	23.7	35.5

Manual Integrations
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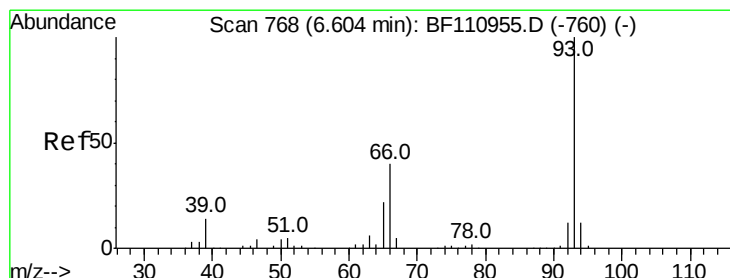
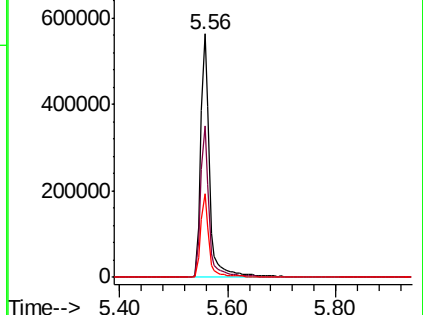
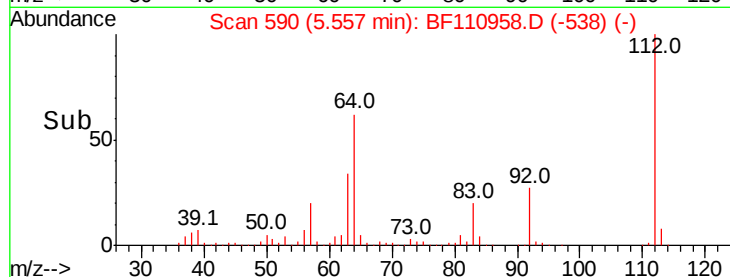
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 77.326 ng

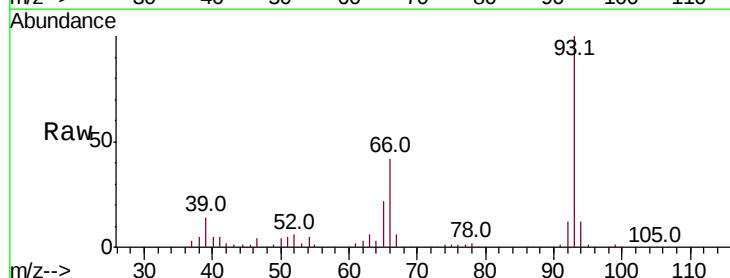
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

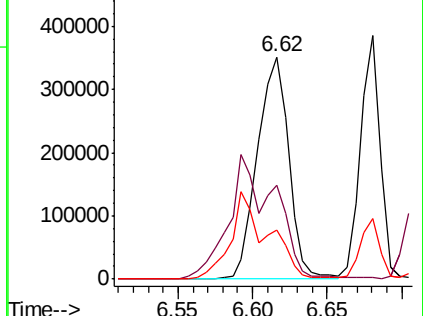
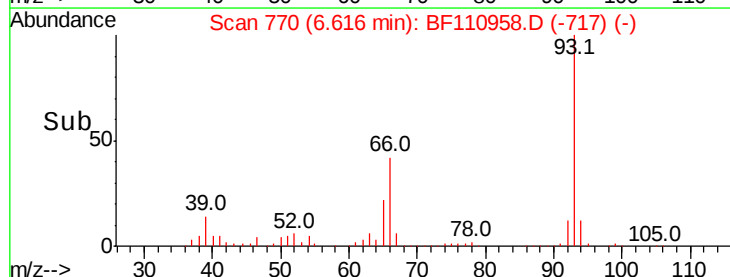
Tgt Ion:	93	Resp:	511228
Ion Ratio	Lower	Upper	
93	100		
66	42.0	67.4	101.0#
65	22.0	41.0	61.4#

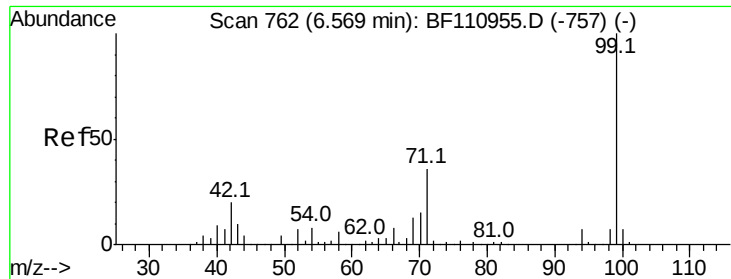


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 152.249 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

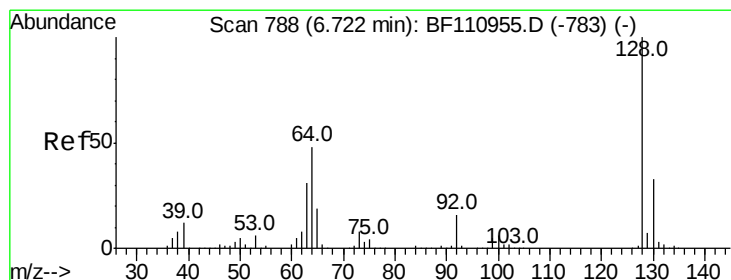
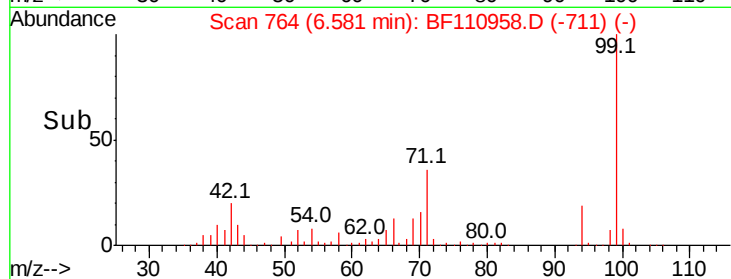
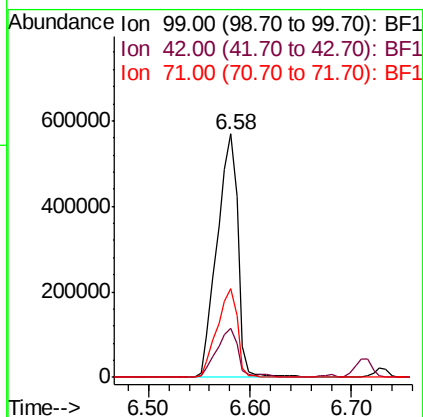
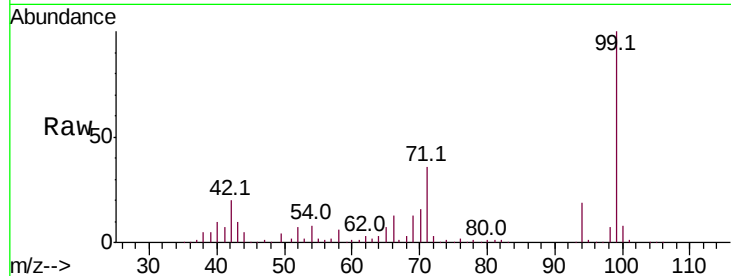
ClientSampleId :

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Tot Ion:	99	Resp:	814229
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 76.423 ng

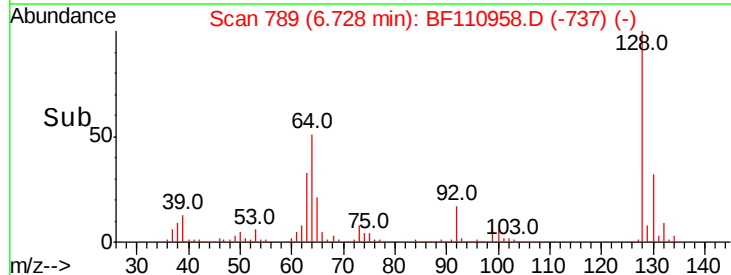
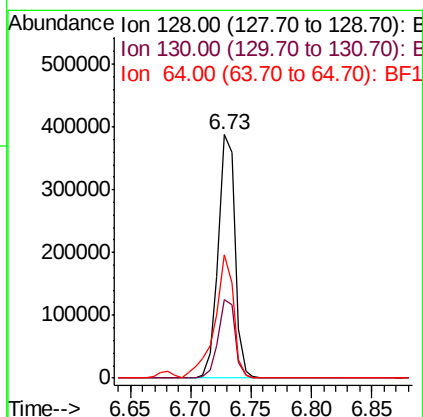
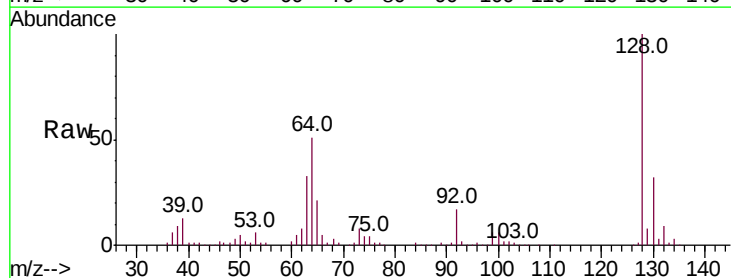
RT: 6.73 min Scan# 789

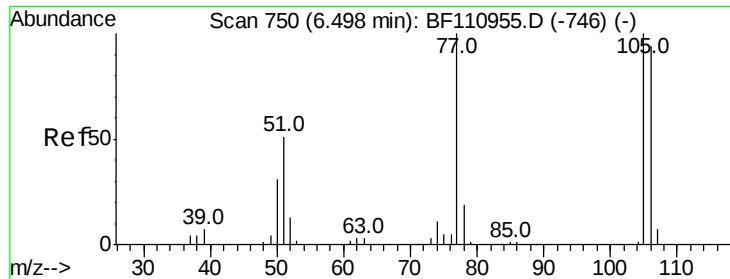
Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	128	Resp:	371689
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.1	53.1
64	50.6	26.0	66.0





#9

Benzaldehyde

Concen: 91.749 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

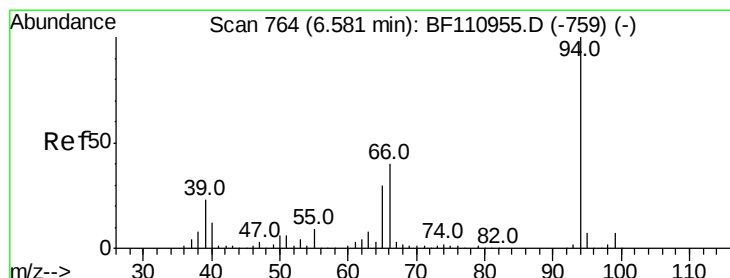
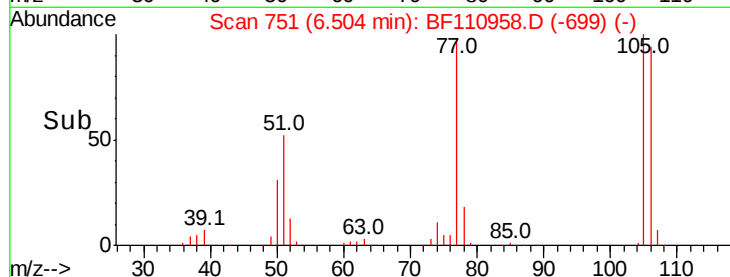
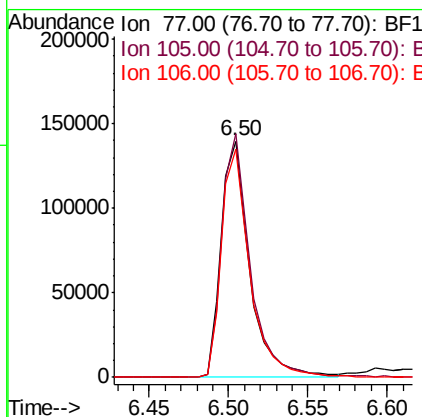
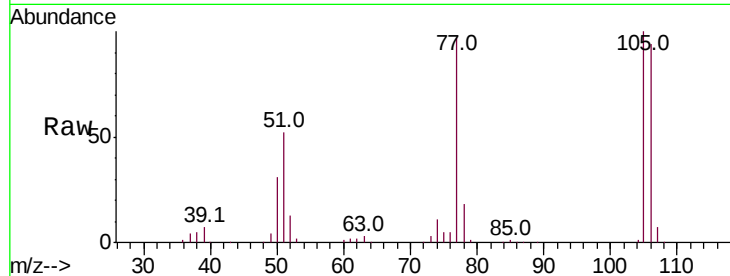
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	174798
Ion	Ratio	Lower	Upper
77	100		
105	103.0	78.6	118.6
106	96.7	74.8	114.8

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#10

Phenol

Concen: 77.508 ng

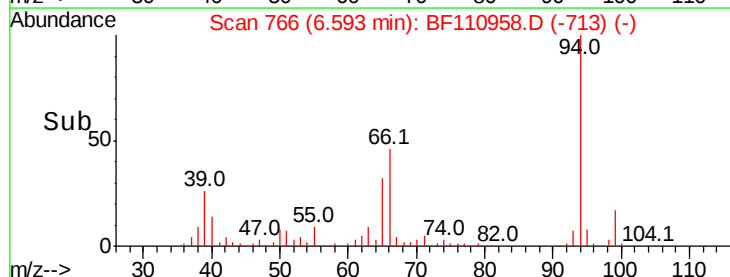
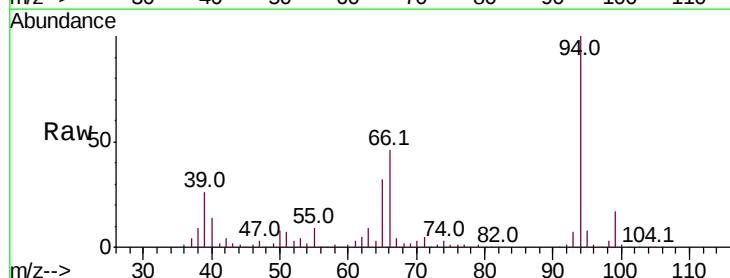
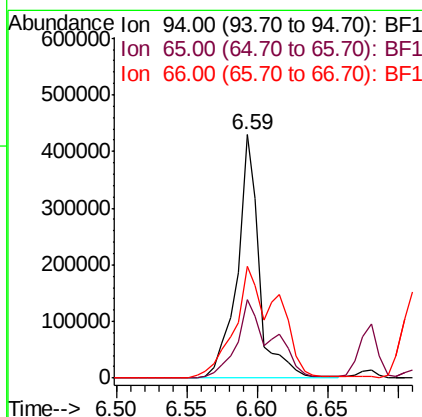
RT: 6.59 min Scan# 766

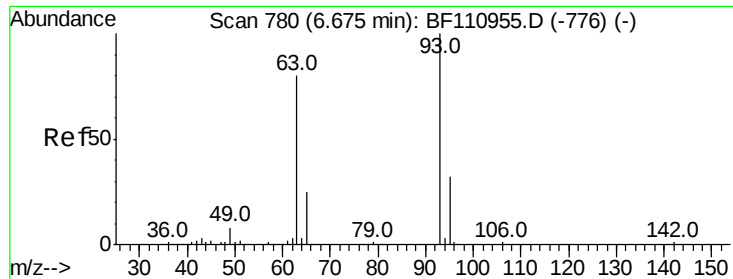
Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	94	Resp:	466821
Ion	Ratio	Lower	Upper
94	100		
65	32.3	25.3	65.3
66	45.7	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 77.242 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

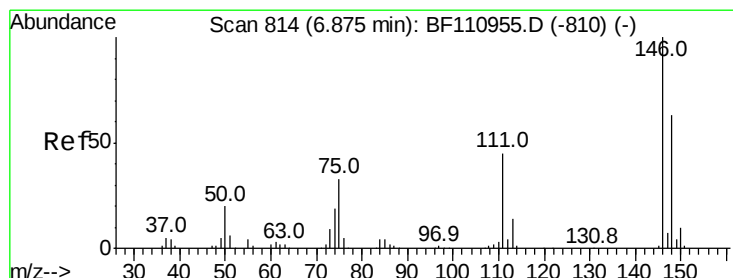
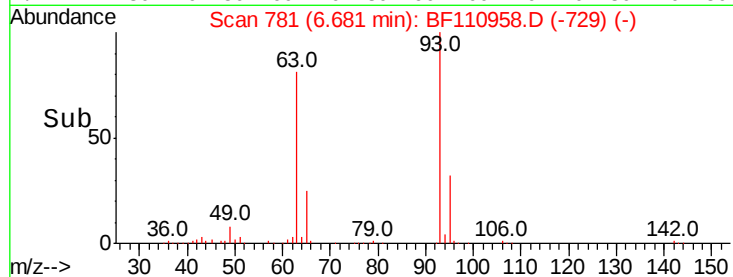
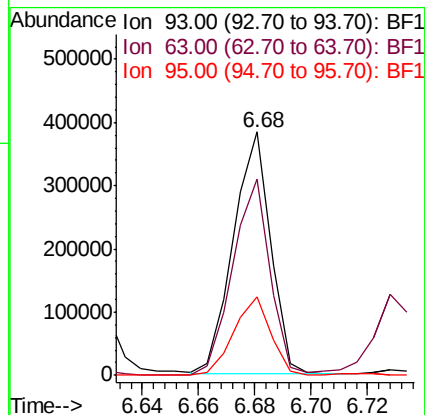
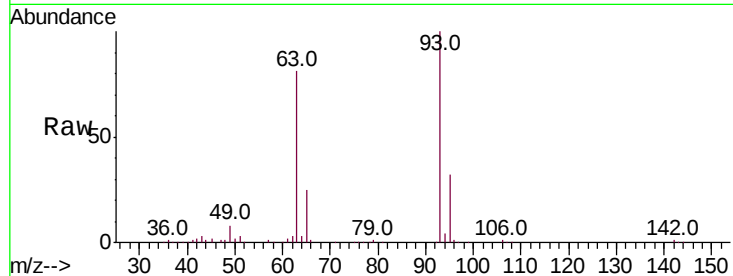
ClientSampleId :

SSTDICC080

Tot Ion:	93	Resp:	350486
Ion Ratio	Lower	Upper	
93	100		
63	80.8	53.4	93.4
95	32.4	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 75.971 ng

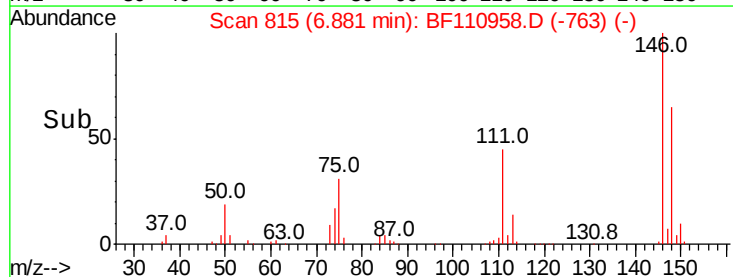
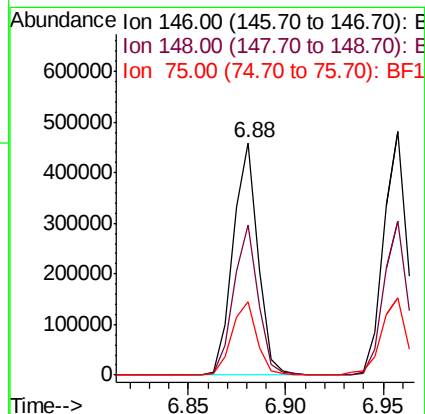
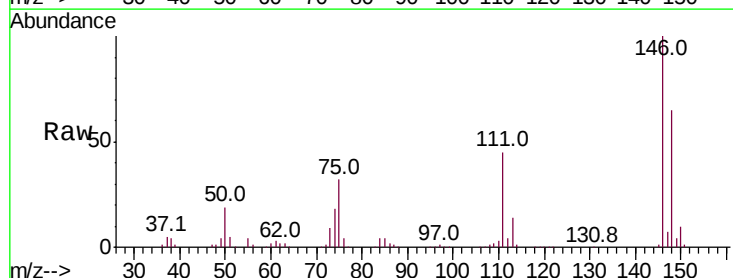
RT: 6.88 min Scan# 815

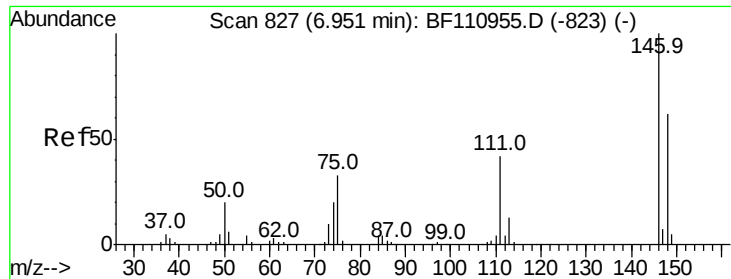
Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	146	Resp:	405916
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.4	75.6
75	31.6	25.8	38.6





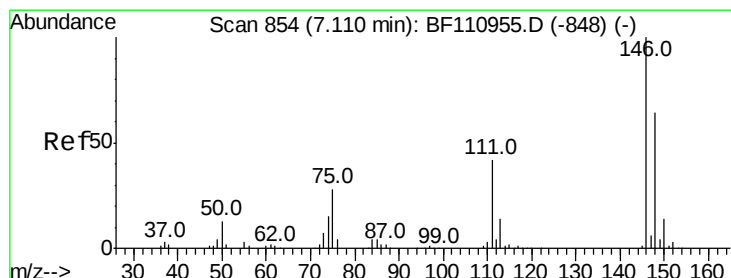
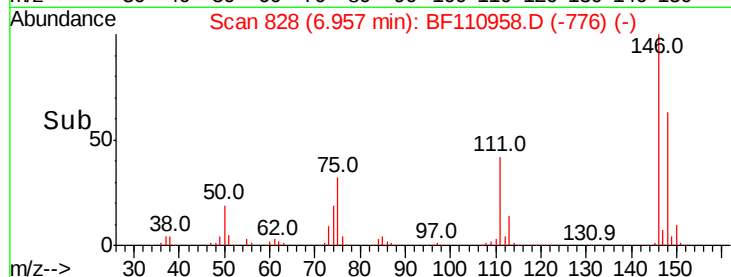
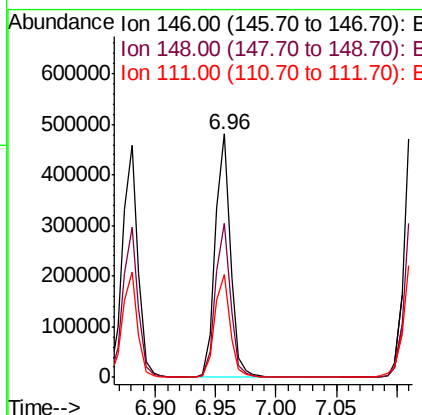
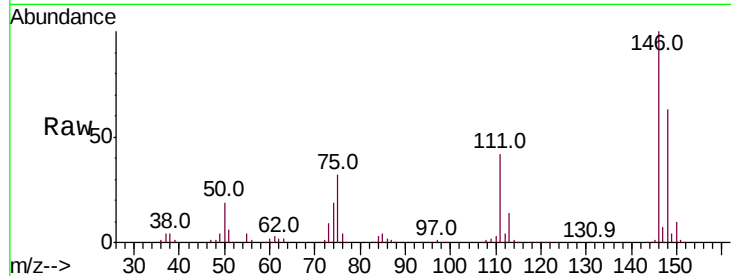
#13
 1,4-Dichlorobenzene
 Concen: 75.065 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.5	32.7	49.1

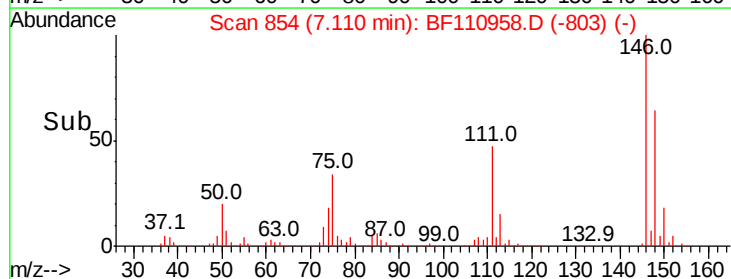
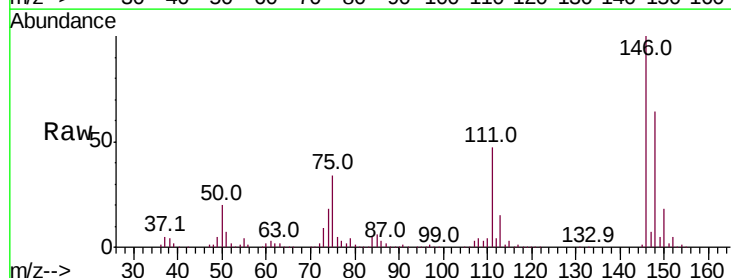
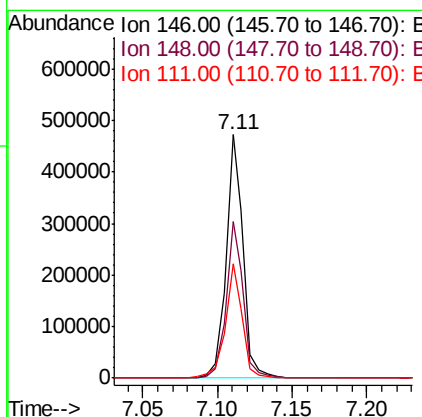
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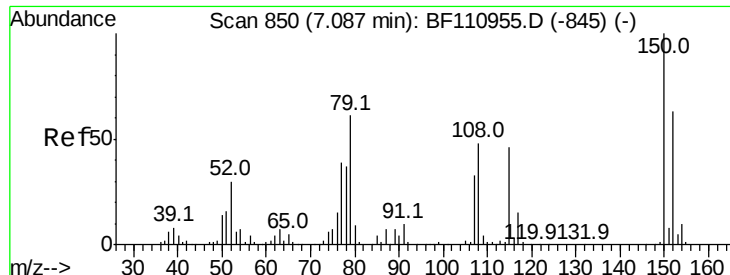
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#14
 1,2-Dichlorobenzene
 Concen: 73.177 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	46.7	35.8	53.6





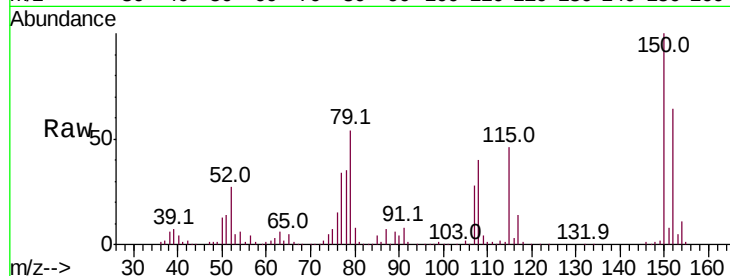
#15
Benzyl Alcohol
Concen: 75.503 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

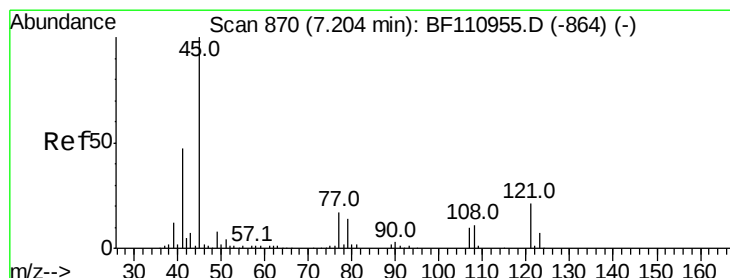
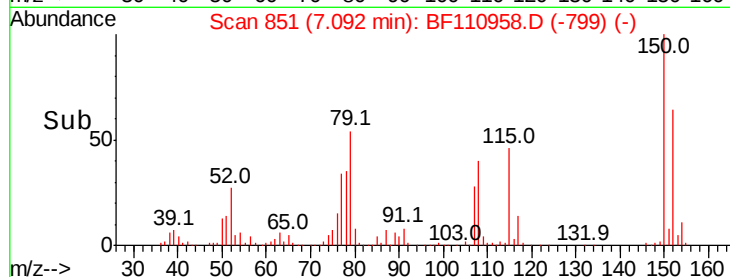
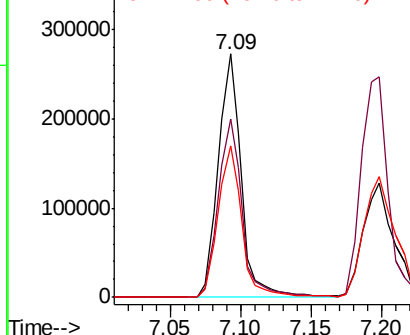
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	56.3	84.5
77	62.4	52.9	79.3

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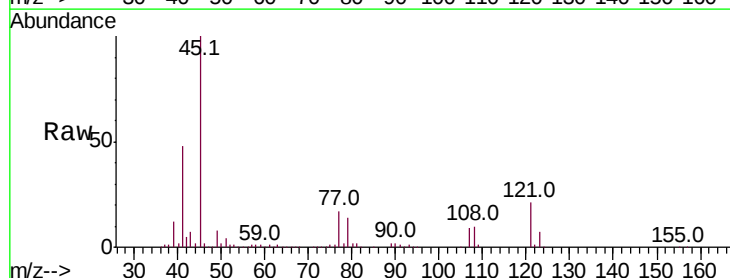


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

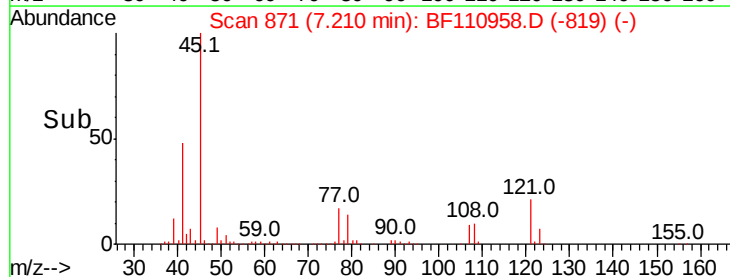
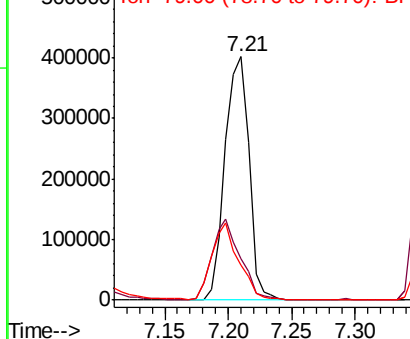


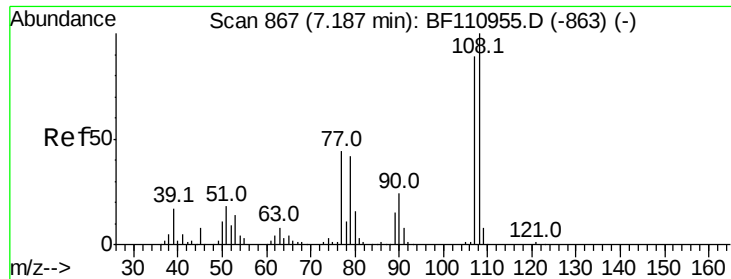
#16
2,2'-oxybis(1-chloropropane)
Concen: 73.124 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	10.0	50.0
79	14.3	6.1	46.1



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





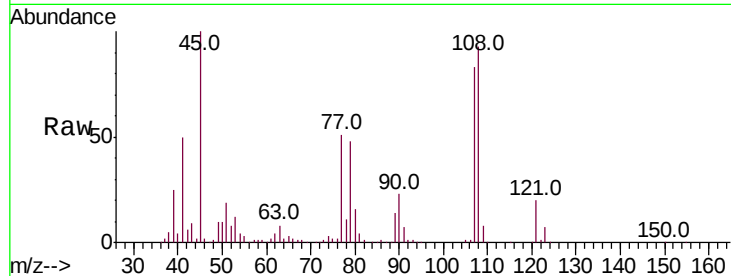
#17
2-Methylphenol
Concen: 74.706 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
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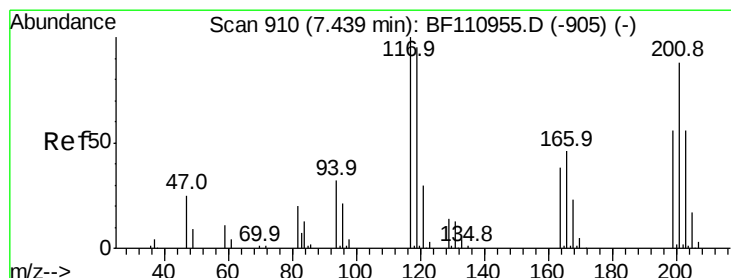
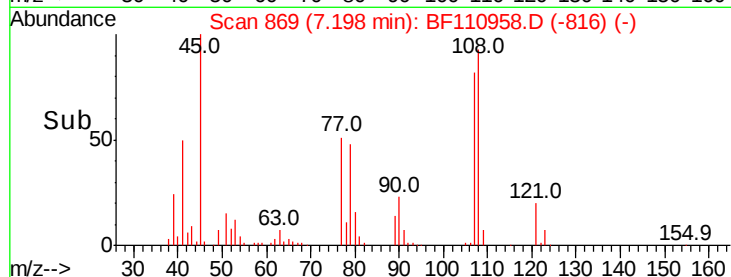
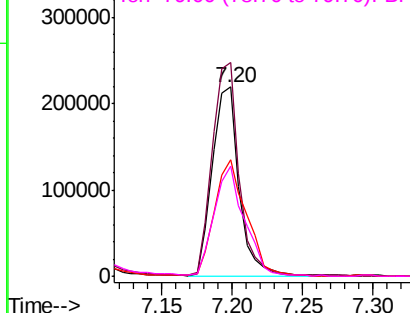
Tot Ion:	107	Resp:	288887
Ion Ratio	Lower	Upper	
107	100		
108	112.8	92.6	138.8
77	61.4	59.4	89.2
79	58.2	54.0	81.0

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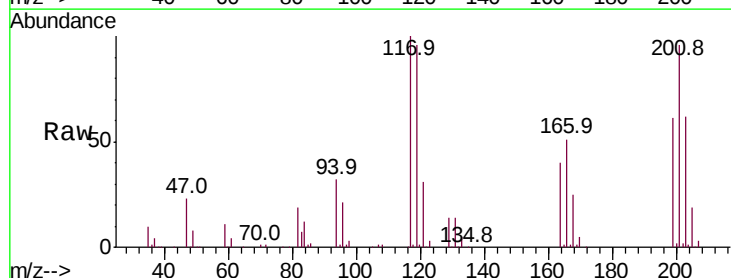


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

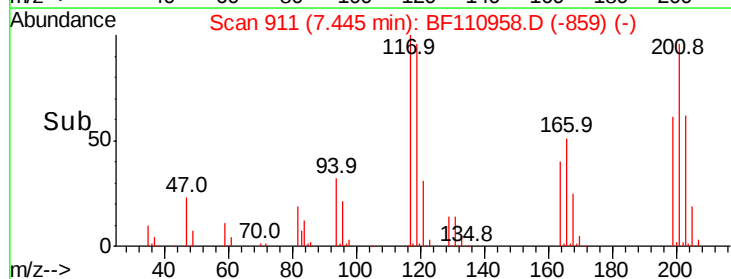
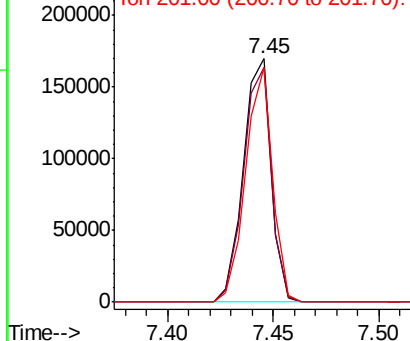


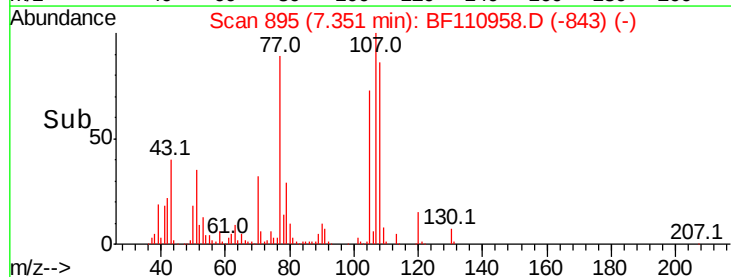
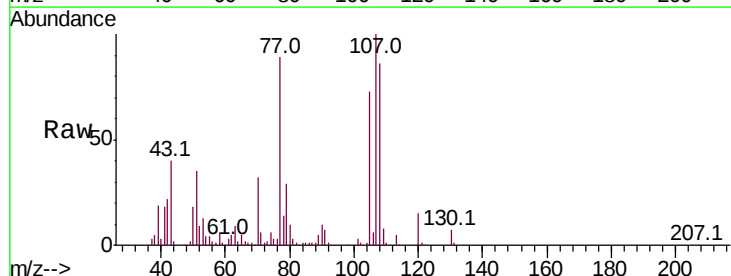
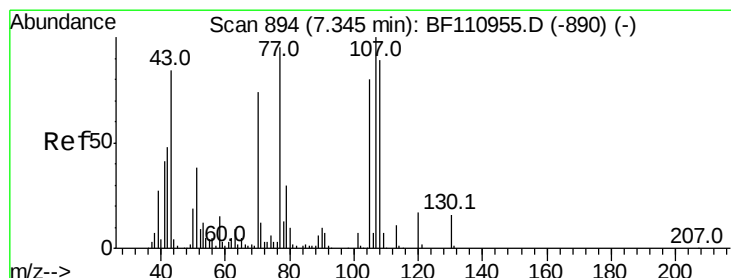
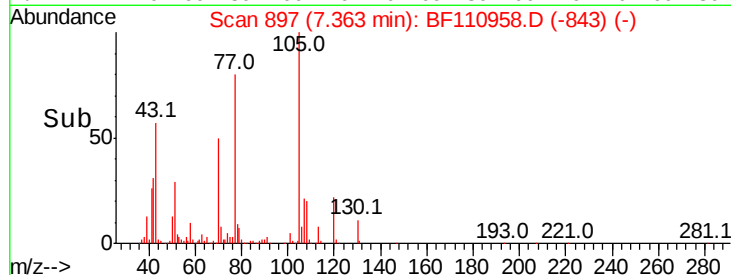
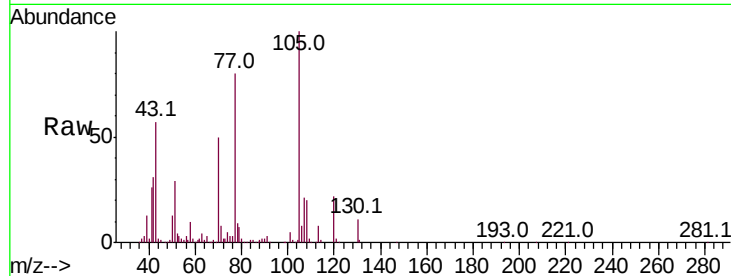
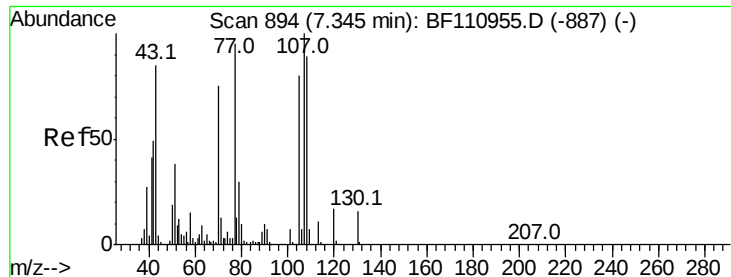
#18
Hexachloroethane
Concen: 77.007 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion:	117	Resp:	155640
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.0	112.6
201	96.5	79.2	118.8



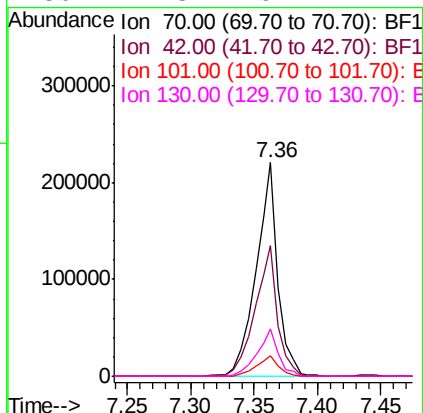
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 75.477 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.4	71.2
101	9.6	7.3	10.9
130	22.3	16.2	24.2



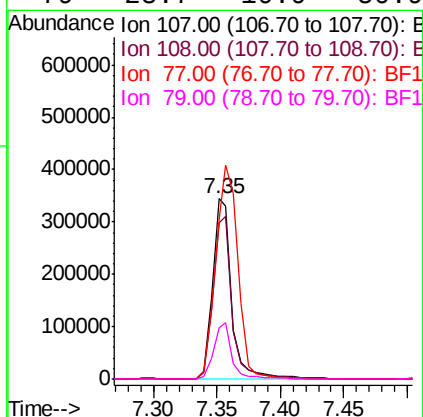
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

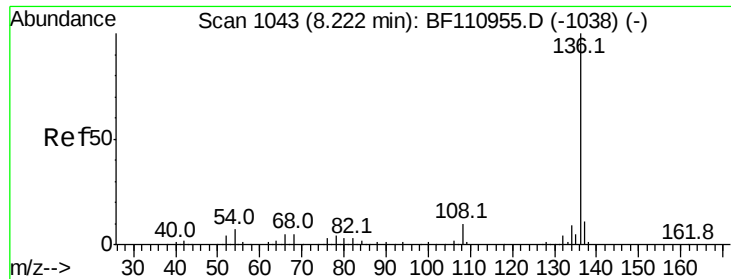
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#20
3+4-Methylphenols
Concen: 70.994 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.4	111.4
77	88.7	47.3	87.3#
79	28.7	10.9	50.9





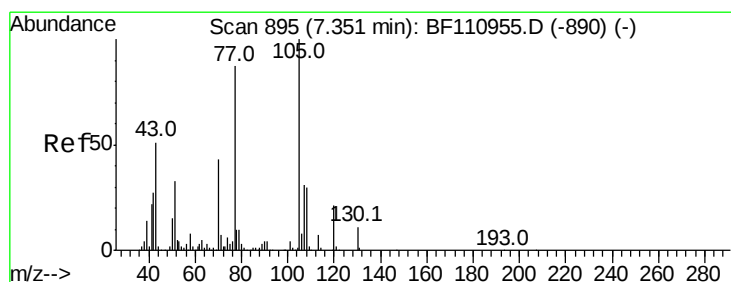
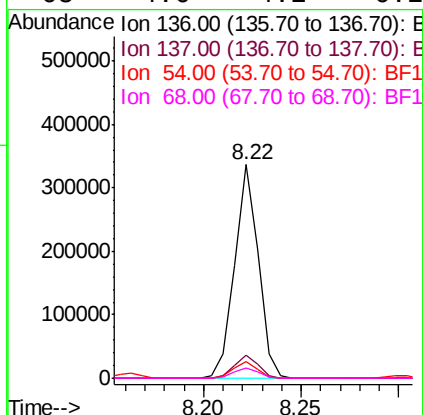
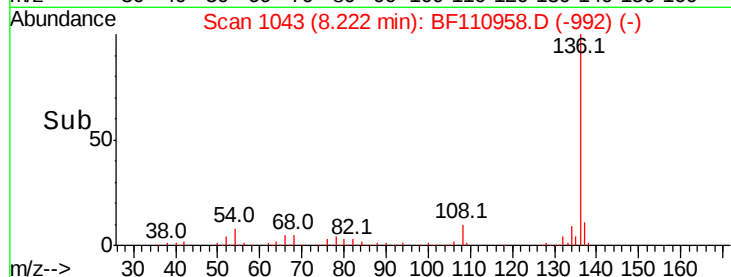
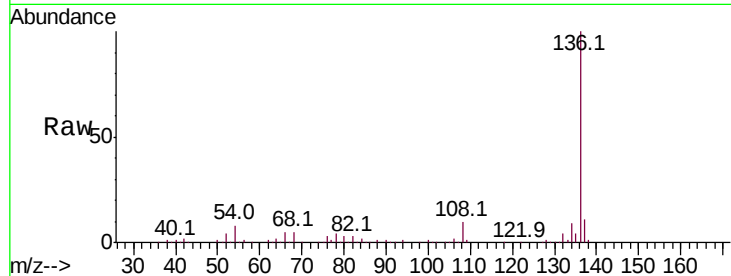
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.9	5.4	8.2	
68	4.6	4.2	6.2	

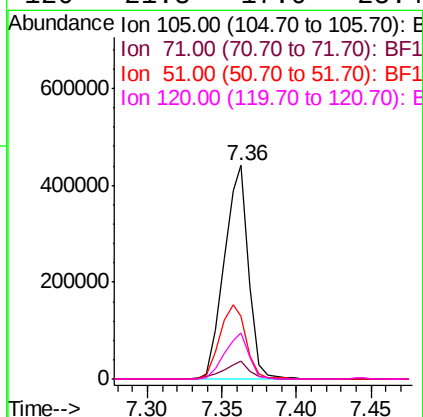
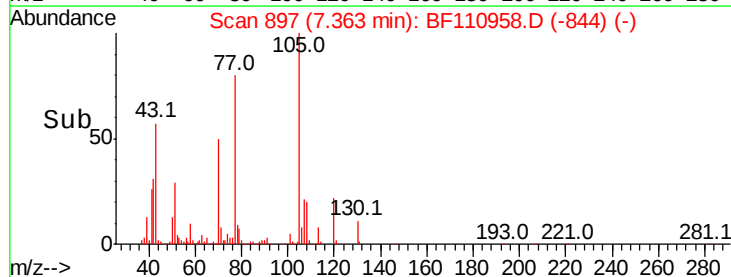
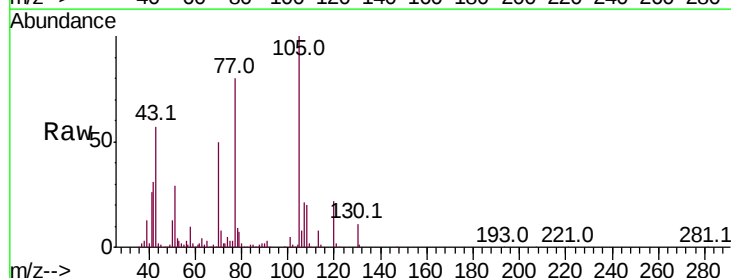
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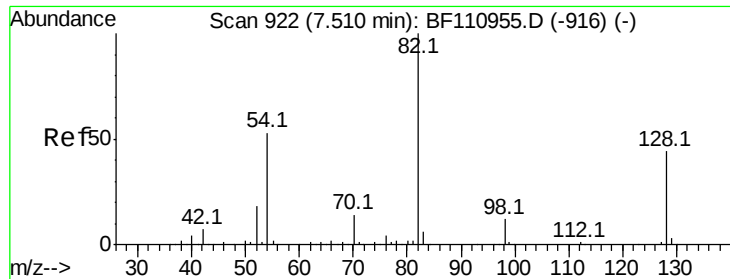
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#22
Acetophenone
Concen: 75.812 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	5.2	7.8#	
51	29.5	21.8	32.8	
120	21.8	17.0	25.4	





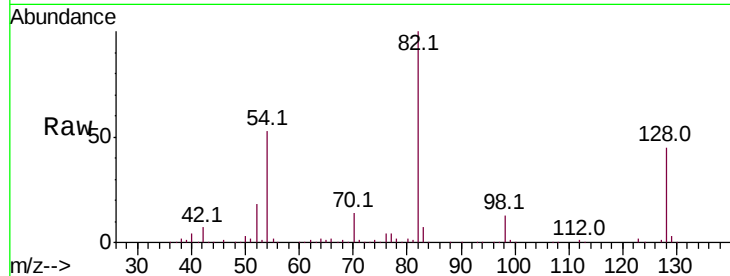
#23
 Nitrobenzene-d5
 Concen: 157.257 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

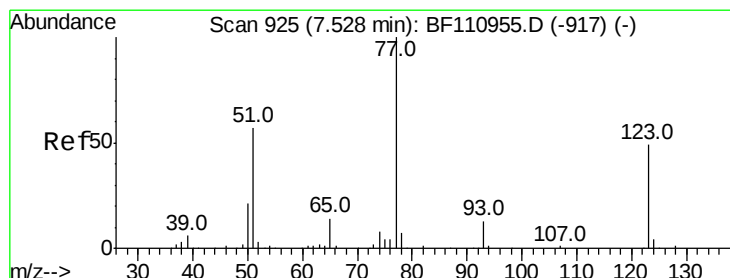
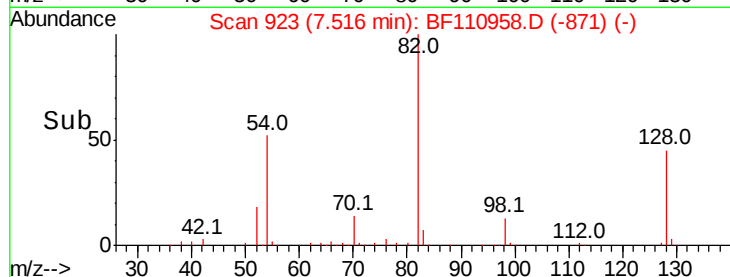
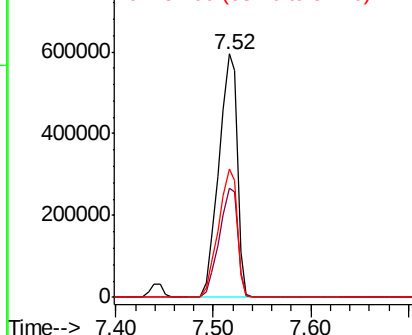
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.5	38.6	58.0

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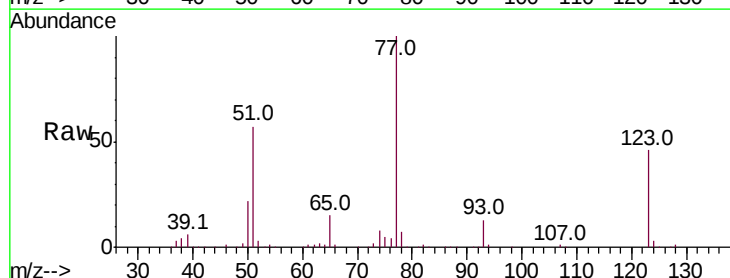


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

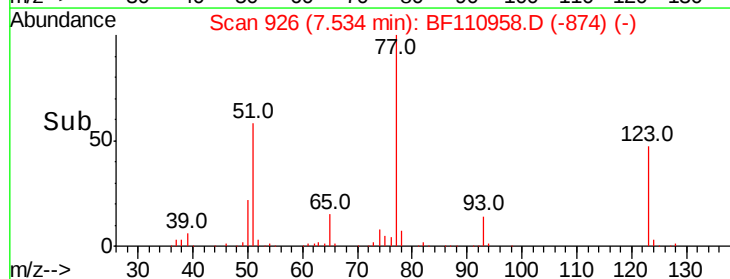
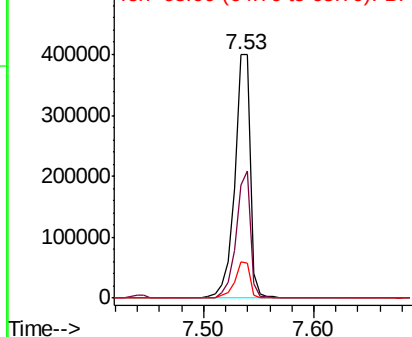


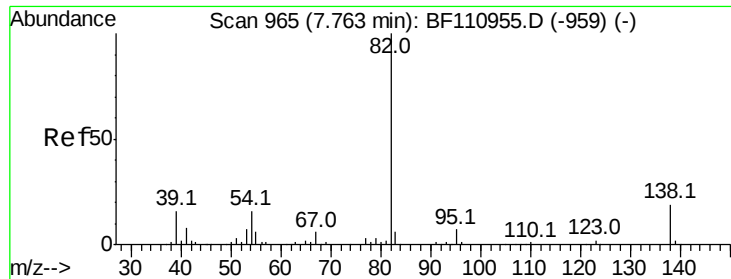
#24
 Nitrobenzene
 Concen: 76.739 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	35.7	53.5
65	15.0	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 79.337 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

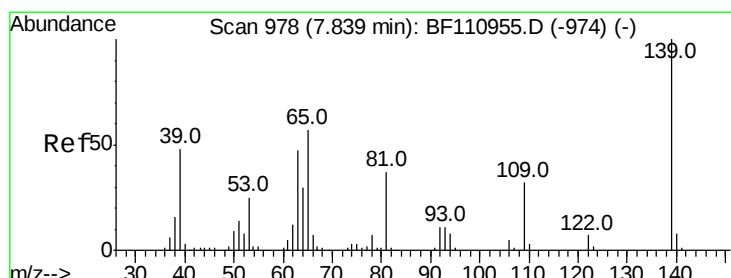
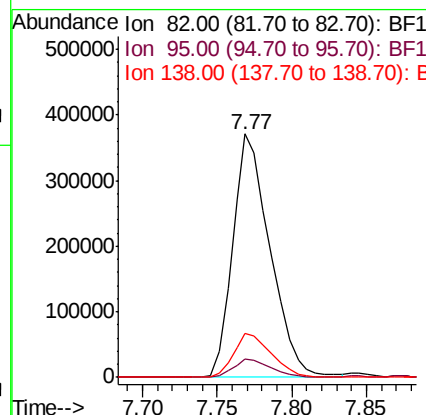
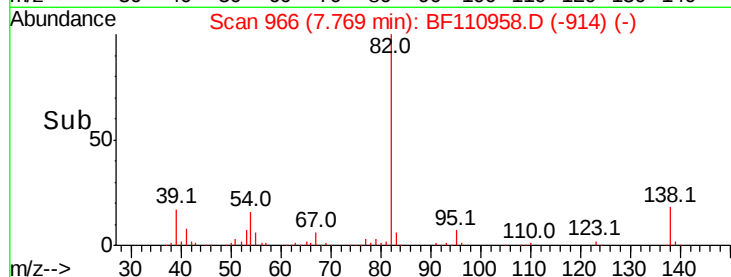
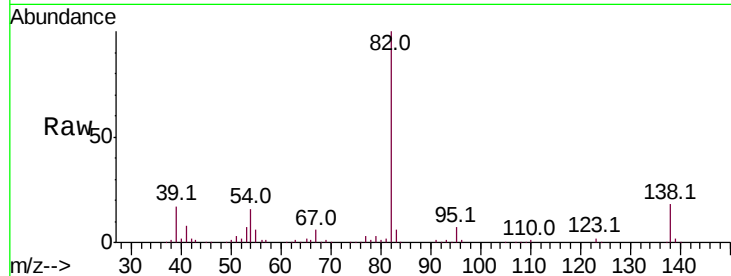
ClientSampleId :

SSTDICC080

Tot Ion:	82	Resp:	646825
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	17.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 82.275 ng

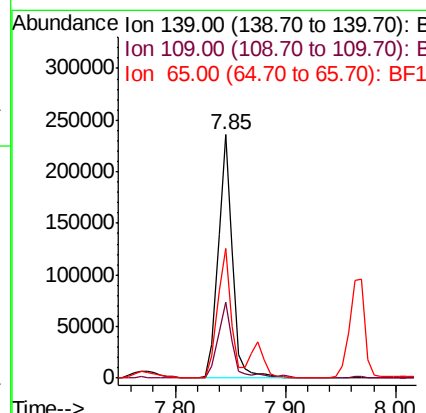
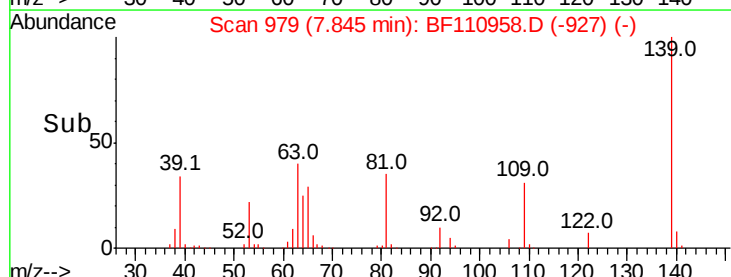
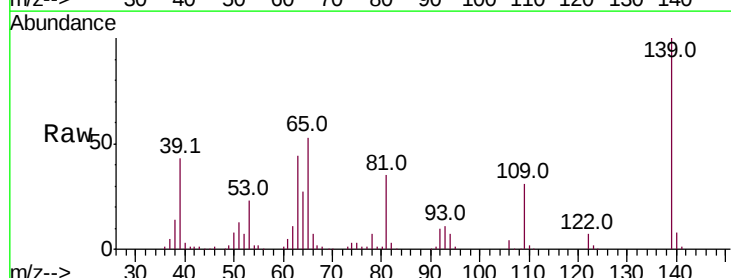
RT: 7.85 min Scan# 979

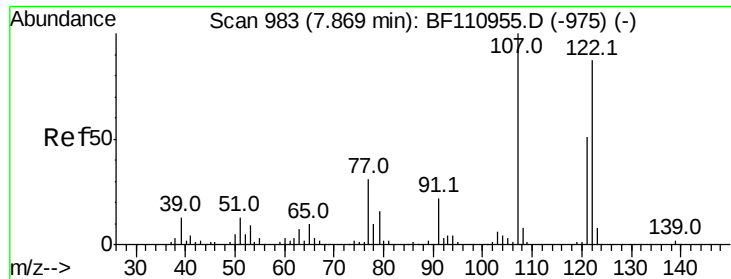
Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	139	Resp:	206600
Ion Ratio	Lower	Upper	
139	100		
109	31.1	25.0	37.6
65	53.0	44.0	66.0





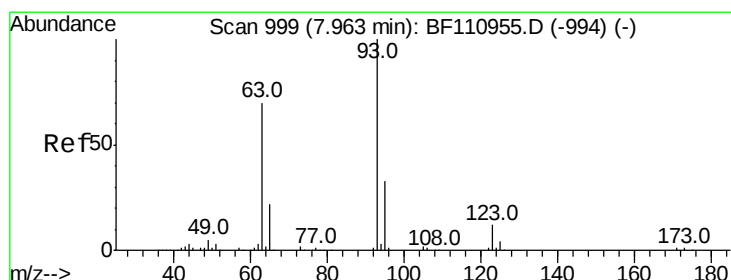
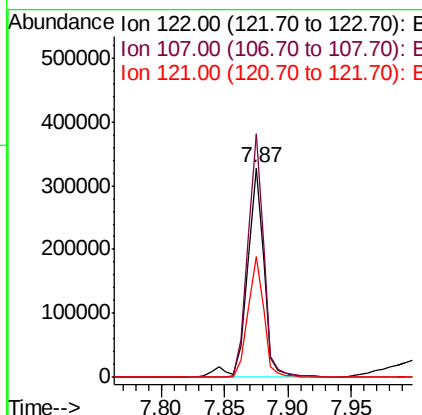
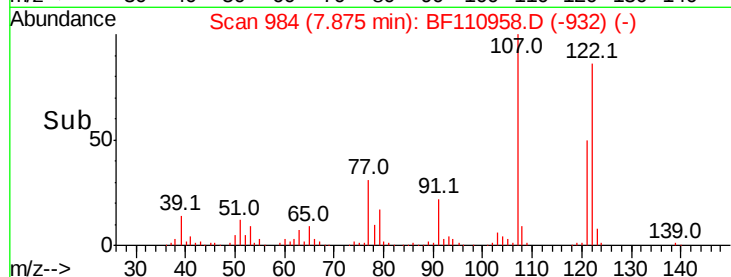
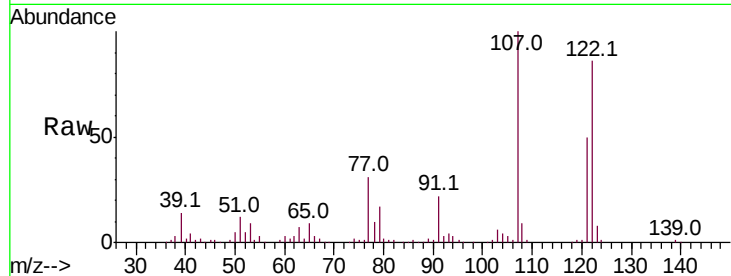
#27
2,4-Dimethylphenol
Concen: 78.873 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	57.9	45.8	68.8

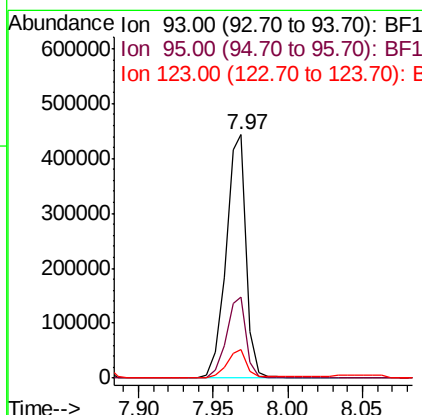
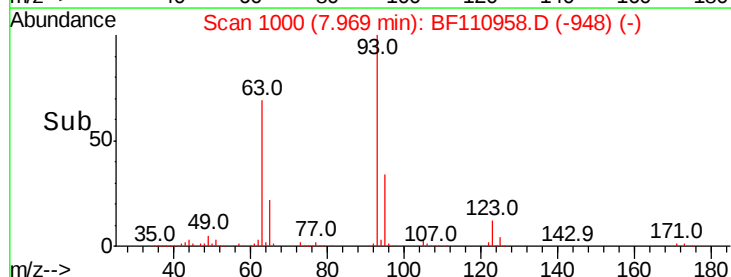
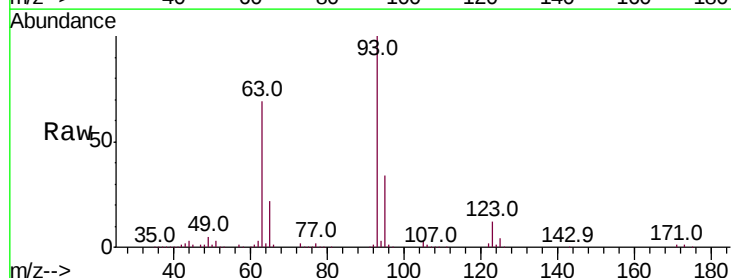
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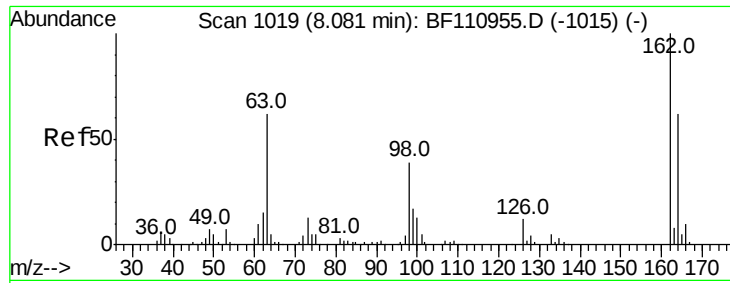
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#28
bis(2-Chloroethoxy)methane
Concen: 77.582 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	12.0	9.0	13.6





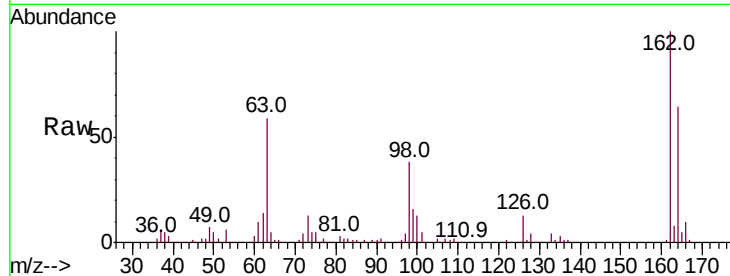
#29
2,4-Dichlorophenol
Concen: 78.423 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.6	84.6
98	38.4	17.4	57.4

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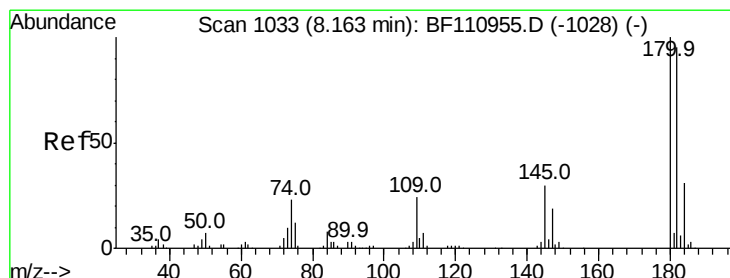
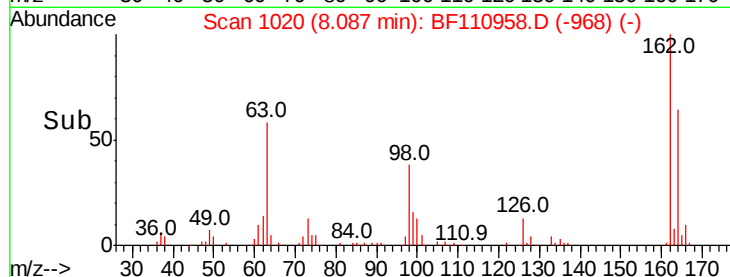
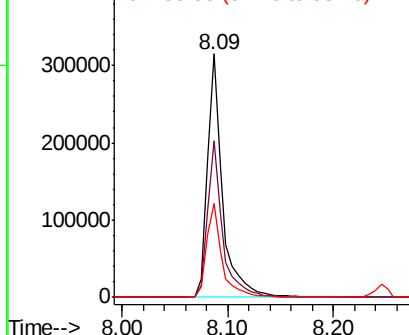


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 77.463 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

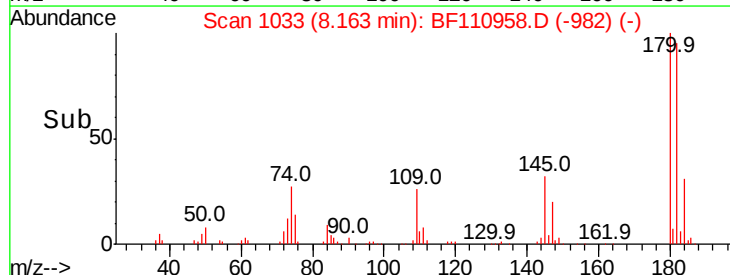
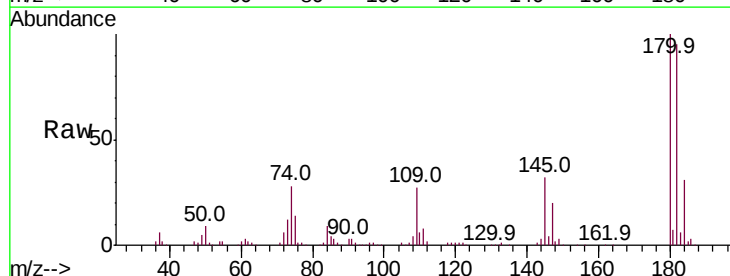
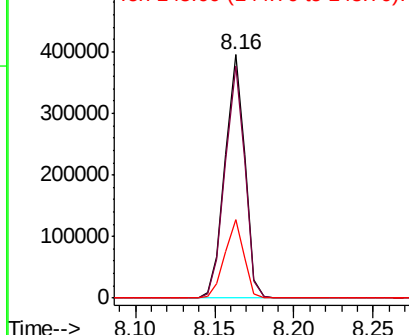
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	80.3	120.5
145	32.0	25.4	38.0

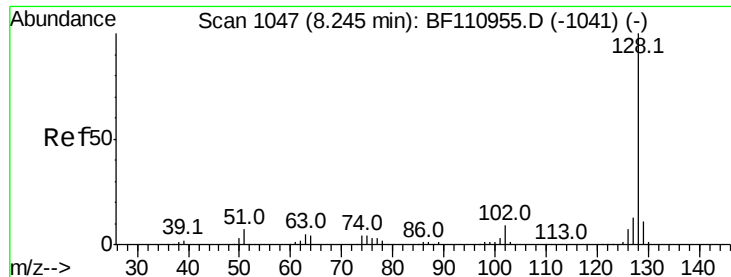
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





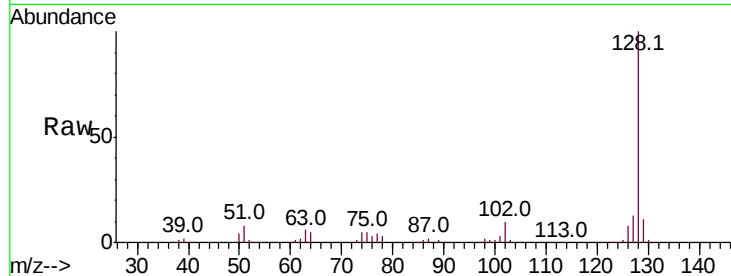
#31
Naphthalene
Concen: 75.341 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.5	10.8	16.2

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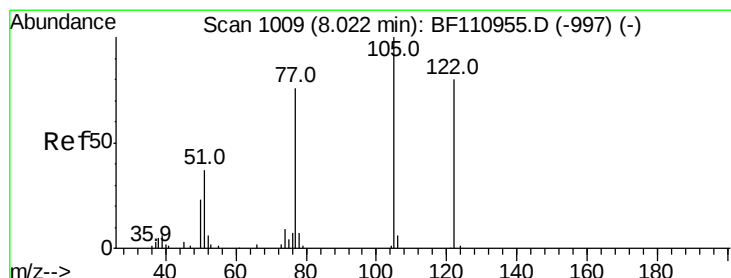
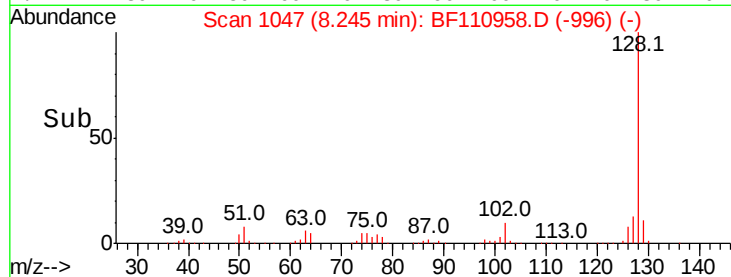
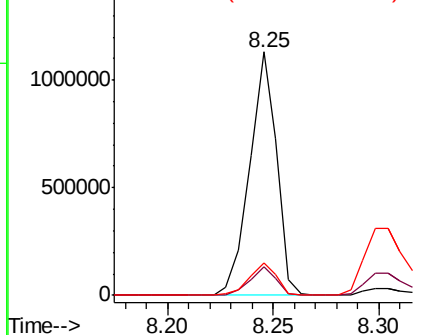


Abundance

Ion 128.00 (127.70 to 128.70): E

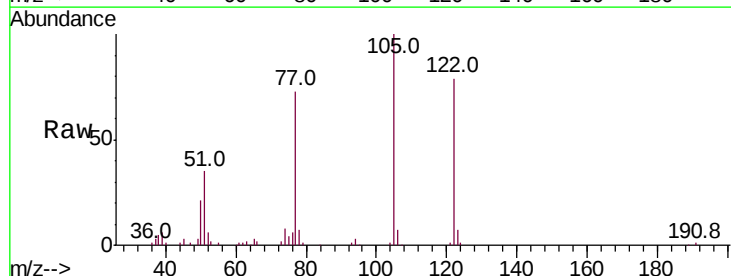
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 87.271 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.04 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	109.0	149.0
77	92.5	79.0	119.0

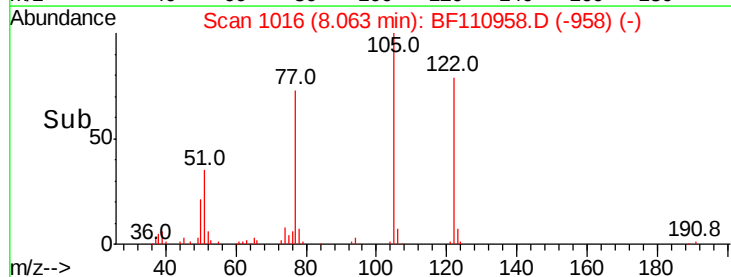
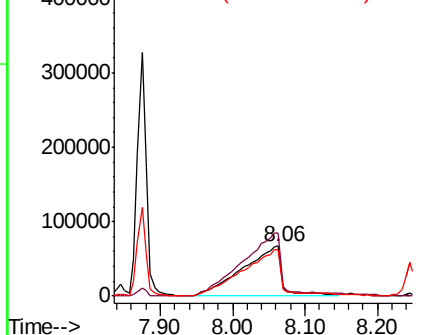


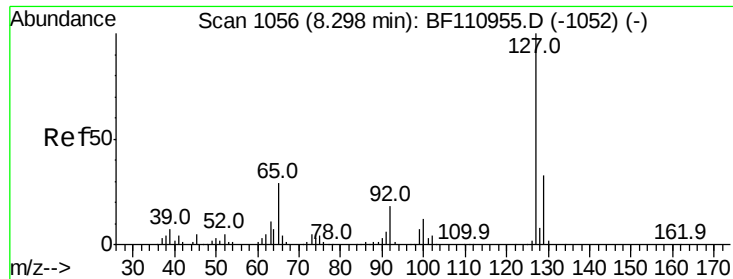
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





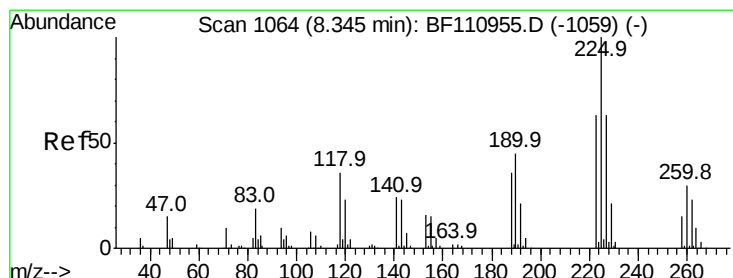
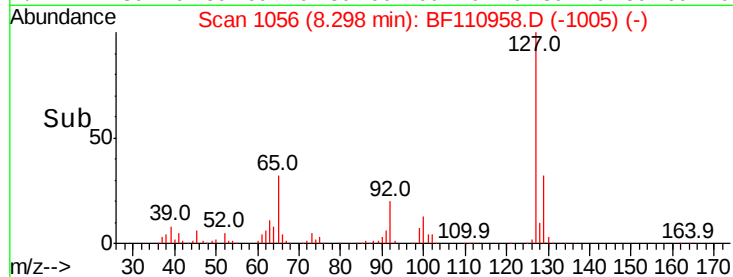
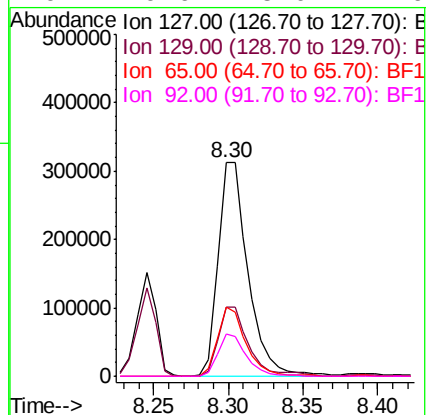
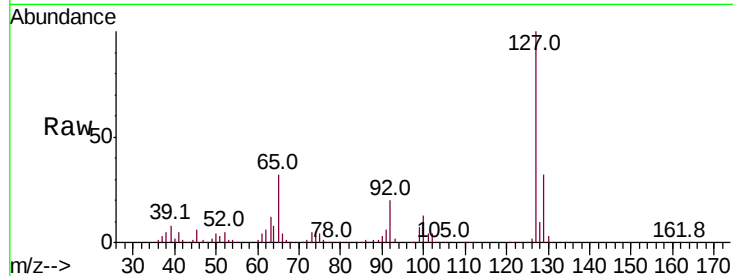
#33
4-Chloroaniline
Concen: 77.786 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.0	39.0	
65	32.4	25.1	37.7	
92	19.6	15.0	22.6	

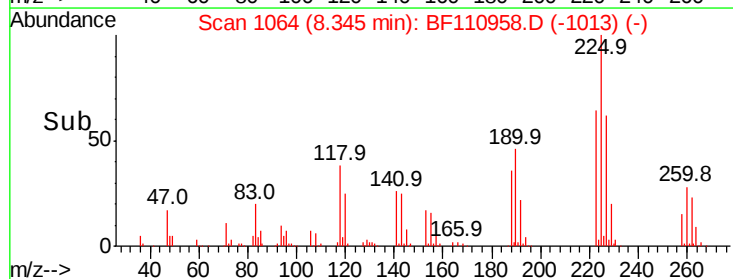
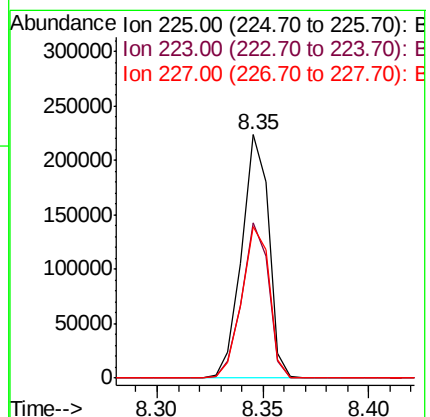
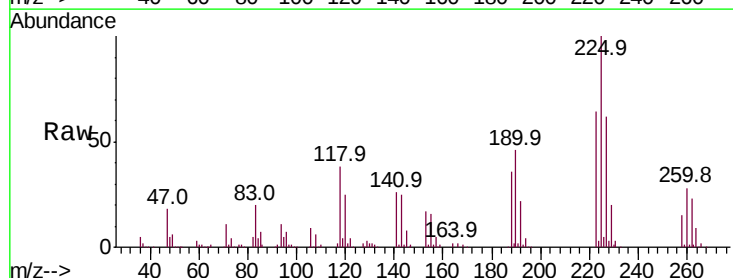
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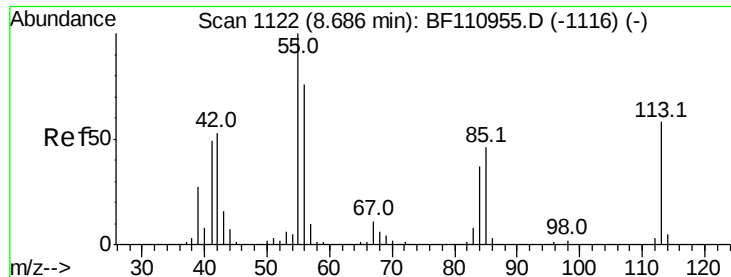
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#34
Hexachlorobutadiene
Concen: 78.151 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	51.4	77.2	
227	62.1	51.0	76.6	





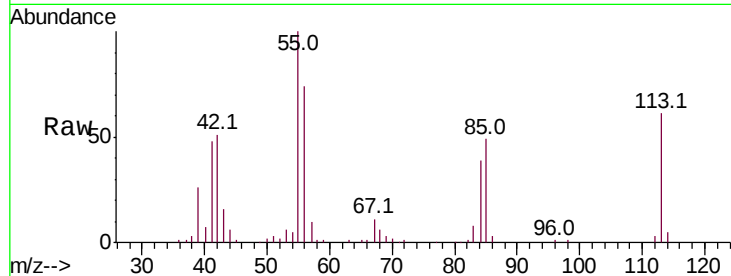
#35
Caprolactam
Concen: 76.071 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

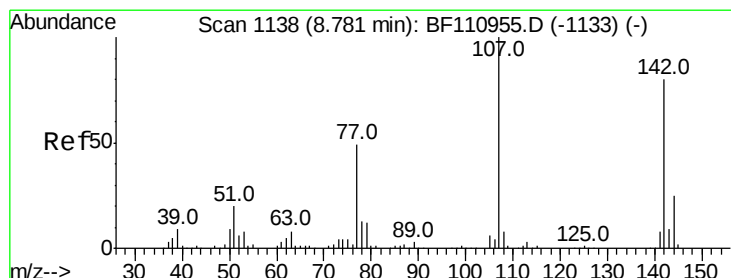
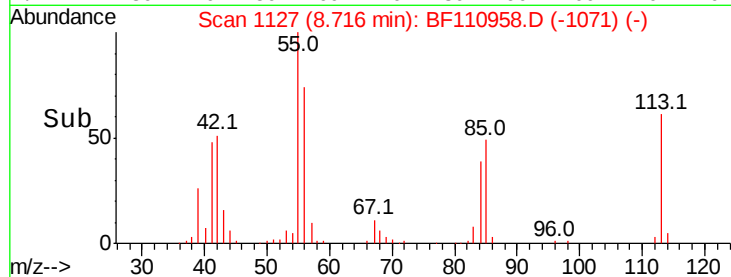
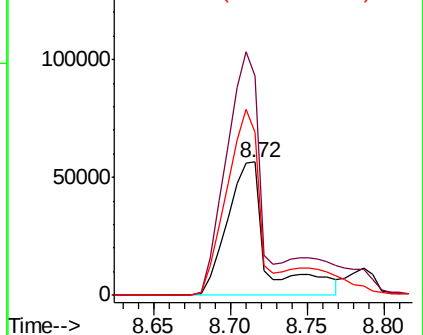
Tot Ion	Ratio	Lower	Upper
113	100		
55	164.8	142.8	182.8
56	122.6	105.0	145.0

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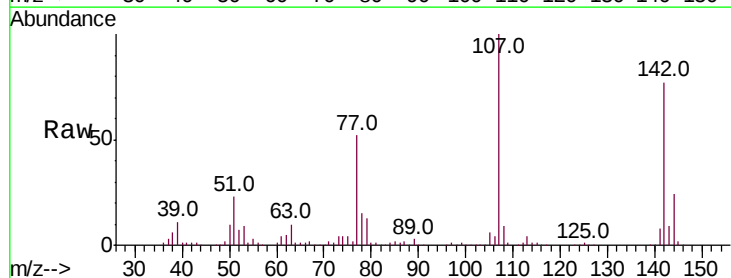


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

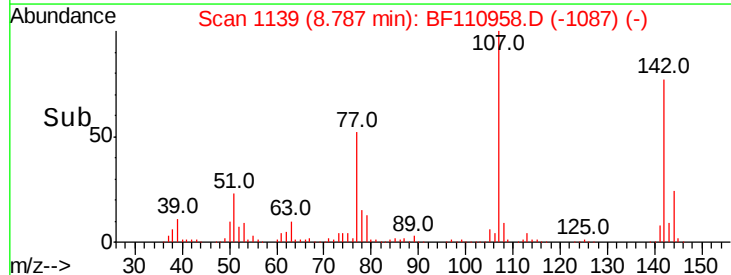
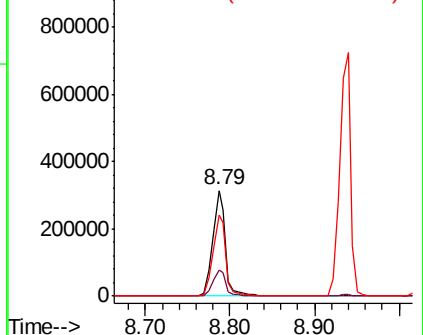


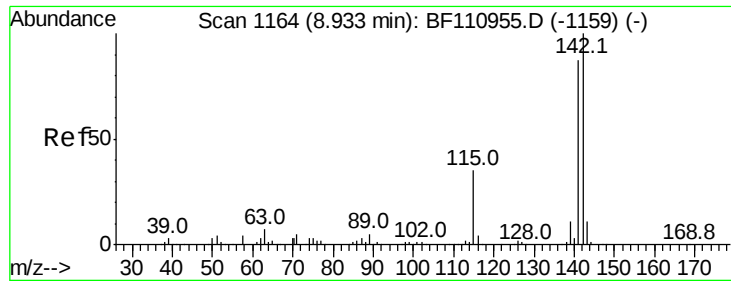
#36
4-Chloro-3-methylphenol
Concen: 76.772 ng/ml
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.0	30.0
142	76.5	59.7	89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





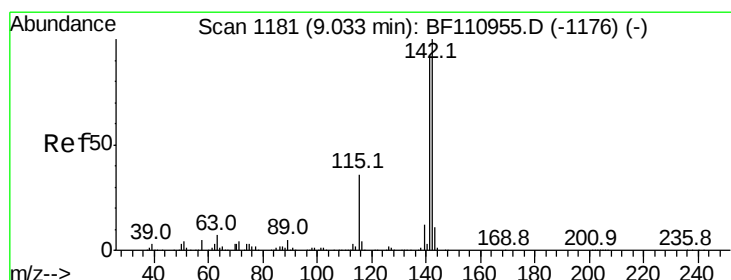
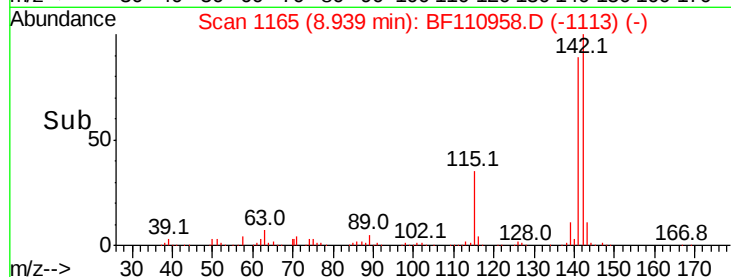
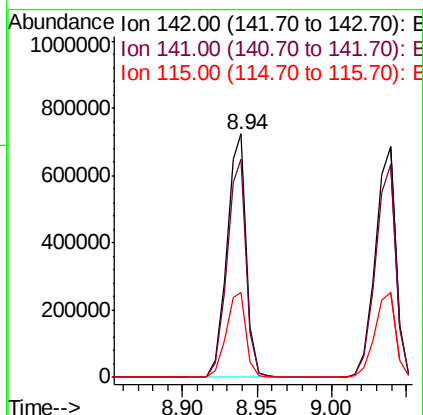
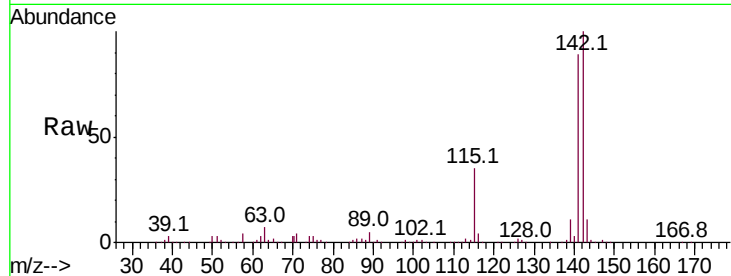
#37
2-Methylnaphthalene
Concen: 75.593 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	34.8	28.7	43.1

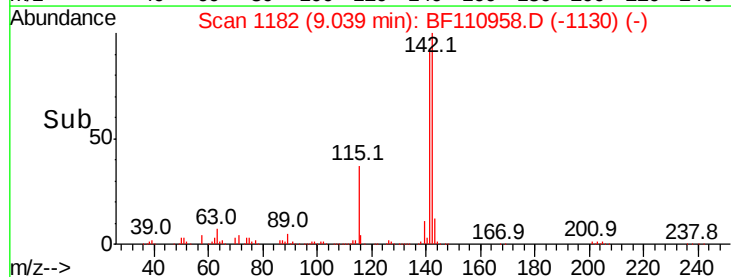
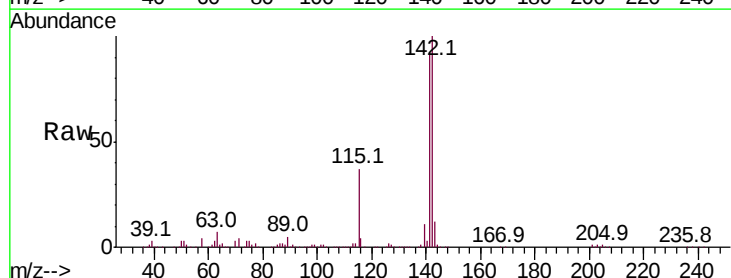
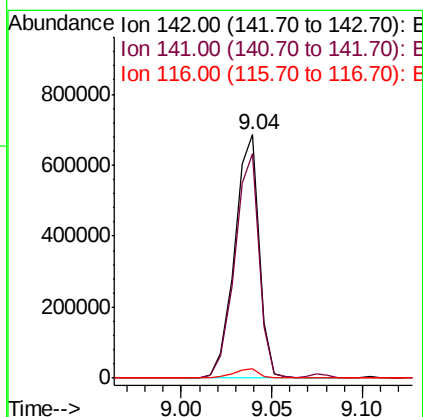
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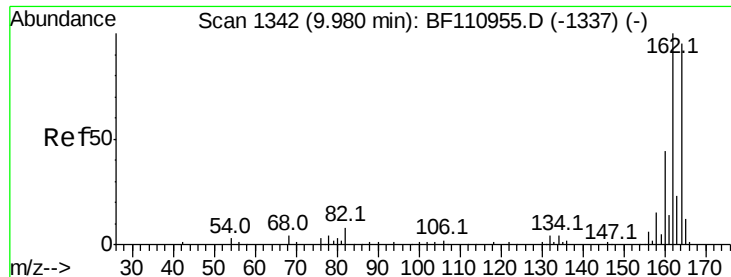
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#38
1-Methylnaphthalene
Concen: 74.915 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.7	2.6	4.0





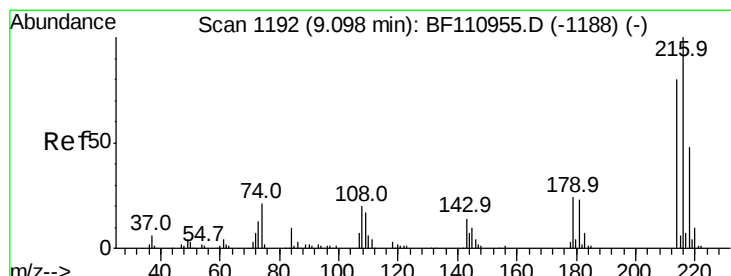
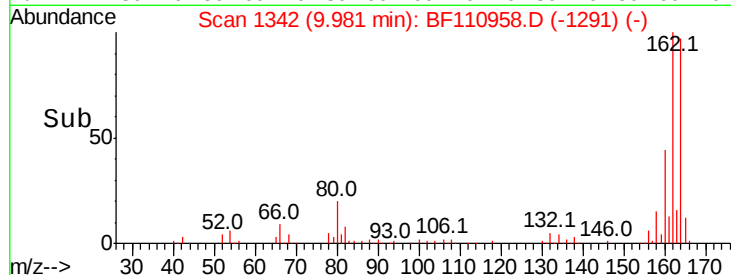
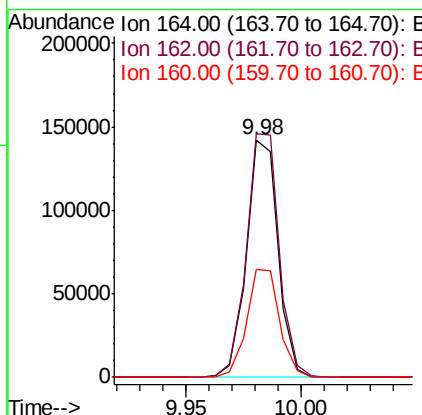
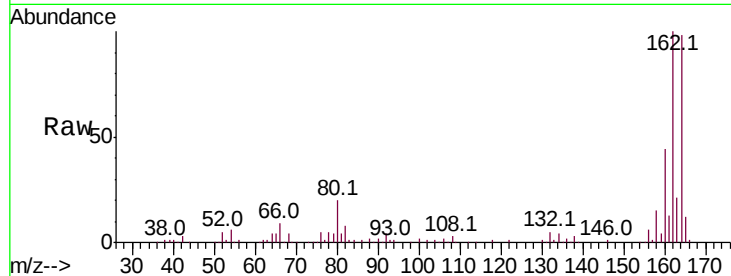
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	83.0	124.6	
160	45.2	37.0	55.6	

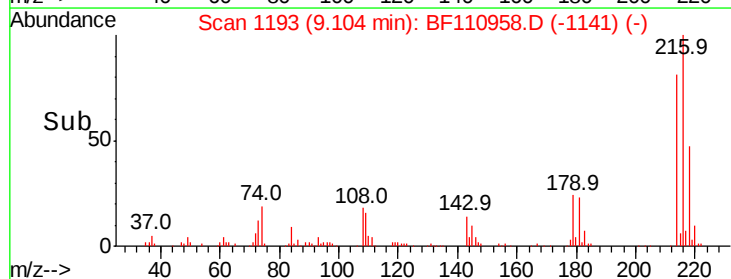
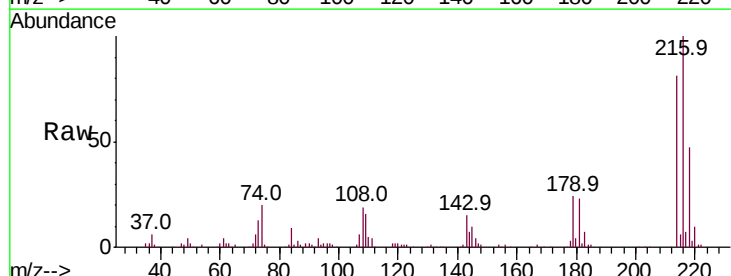
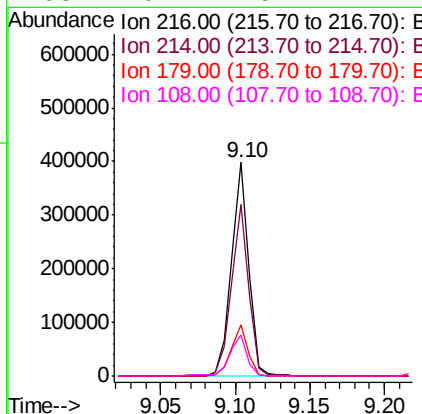
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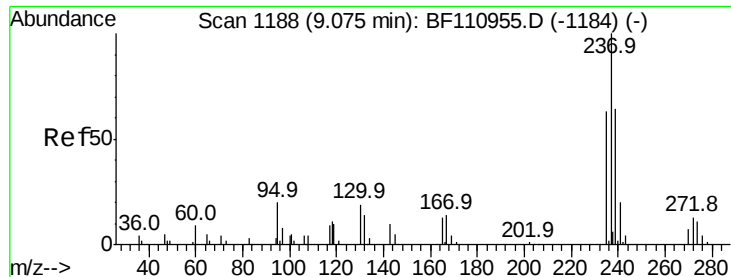
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.168 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.6	
179	23.3	16.6	25.0	
108	19.7	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 79.891 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

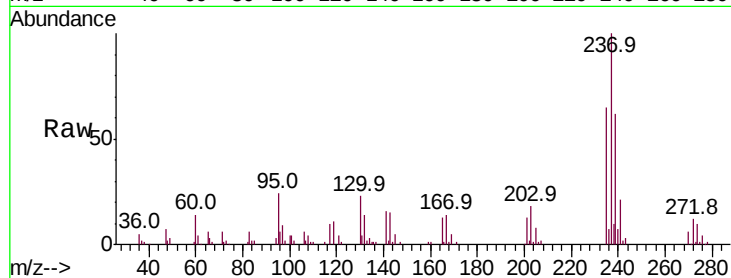
ClientSampleId :

SSTDIC080

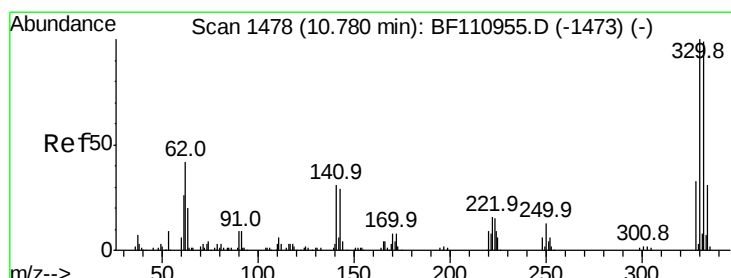
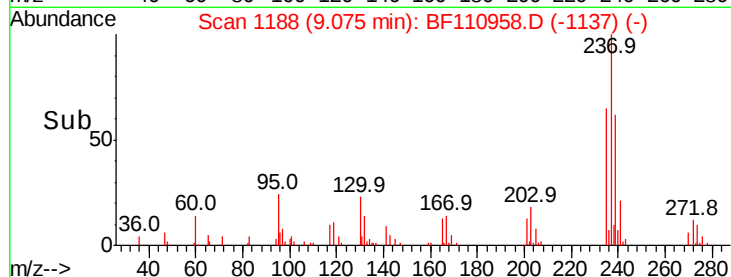
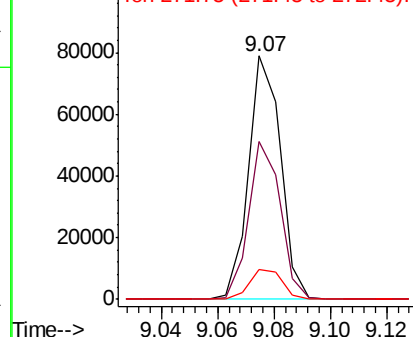
Tot Ion:	237	Resp:	62133
Ion Ratio	Lower	Upper	
237	100		
235	64.8	43.1	83.1
272	12.3	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 152.444 ng

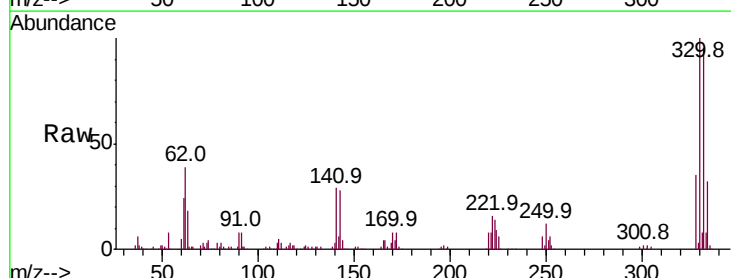
RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

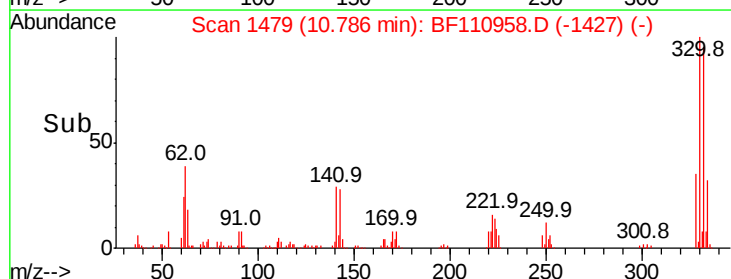
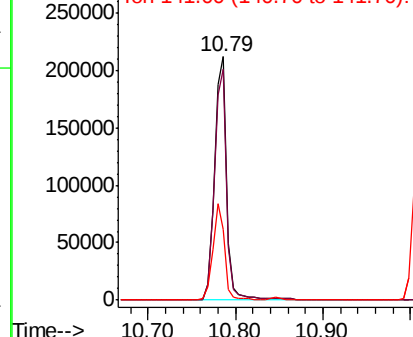
Lab File: BF110958.D

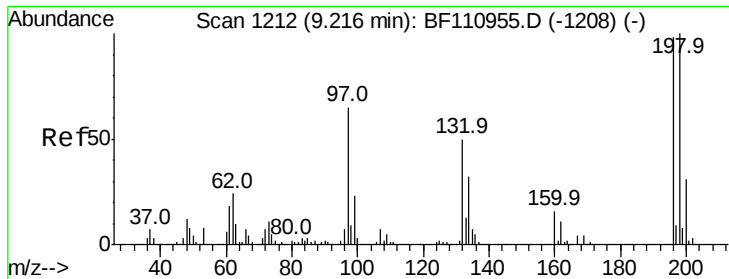
Acq: 26 Nov 2018 12:21

Tgt Ion:	330	Resp:	205502
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.1	115.7
141	37.9	27.0	40.4



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





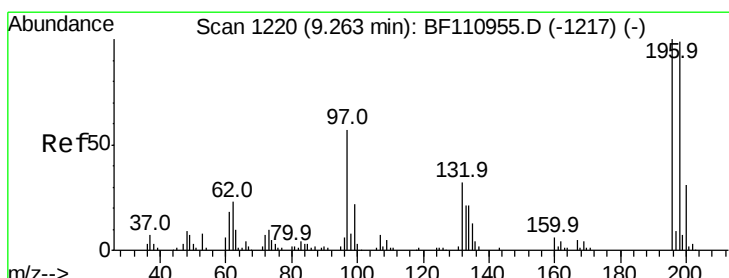
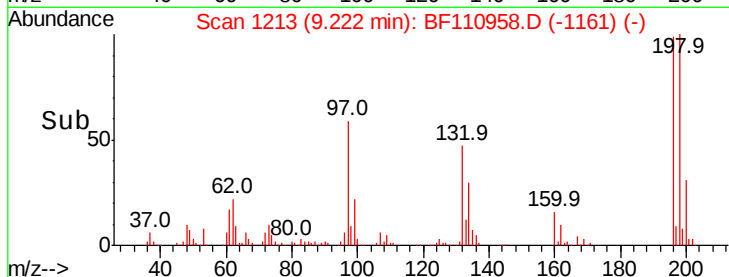
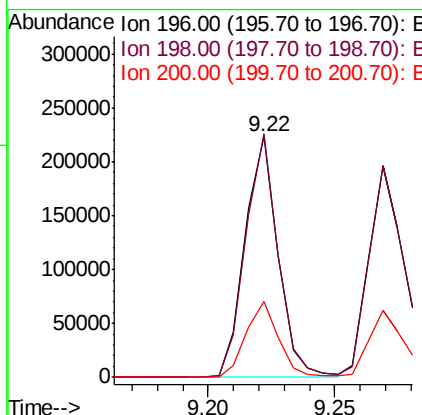
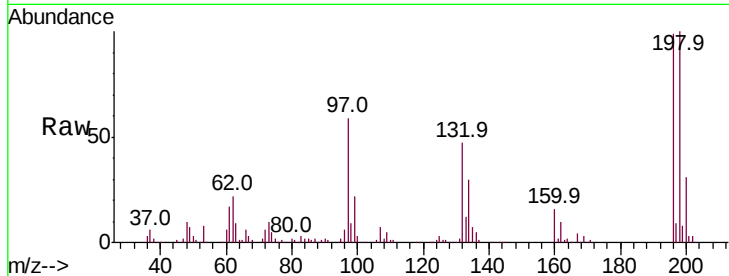
#43
 2,4,6-Trichlorophenol
 Concen: 80.039 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204115		
198	101.1	76.2	114.4	
200	31.6	24.4	36.6	

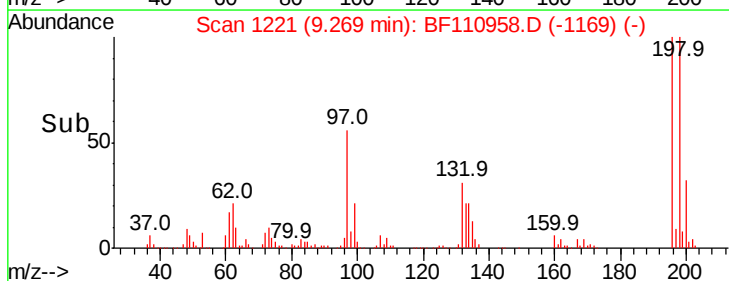
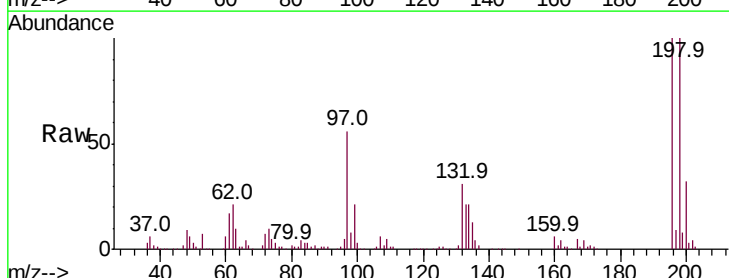
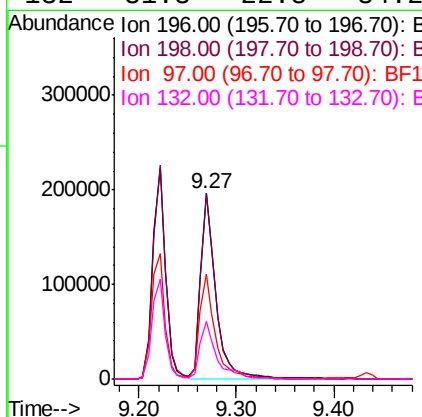
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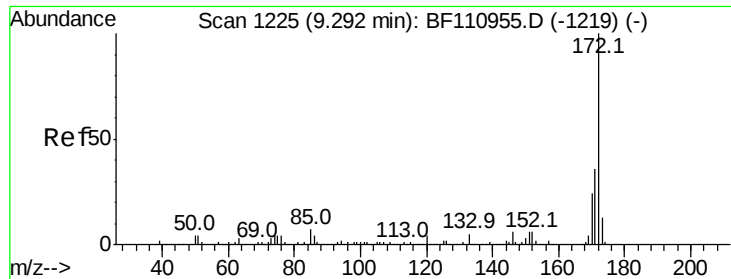
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 78.873 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211794		
198	99.9	75.8	113.6	
97	56.3	42.4	63.6	
132	31.3	22.8	34.2	





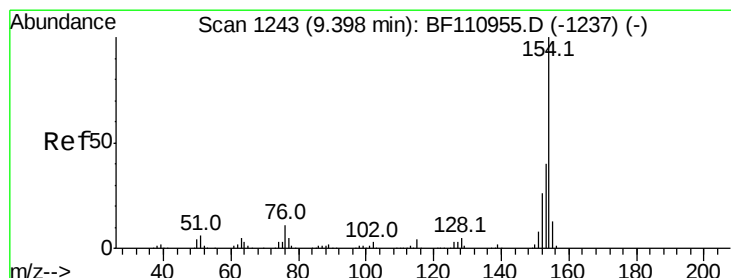
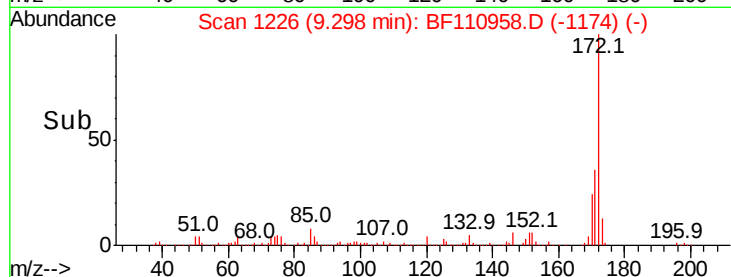
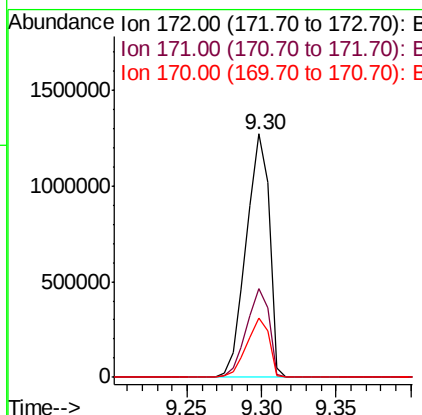
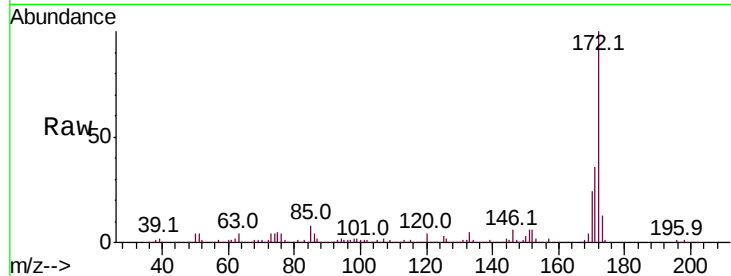
#45
2-Fluorobiphenyl
Concen: 145.566 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.7	29.5

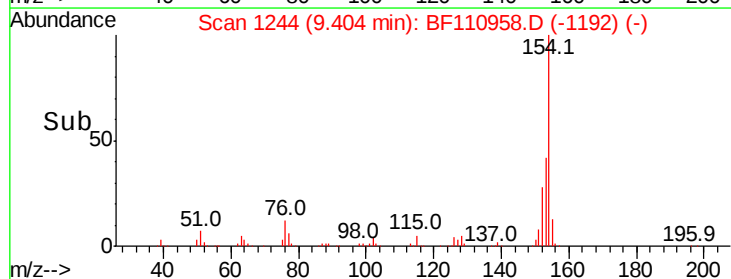
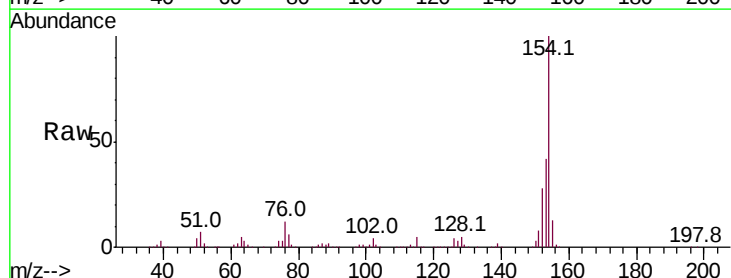
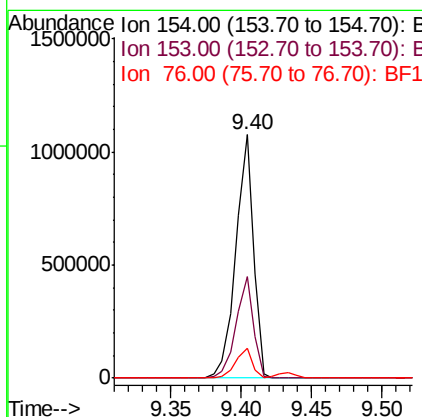
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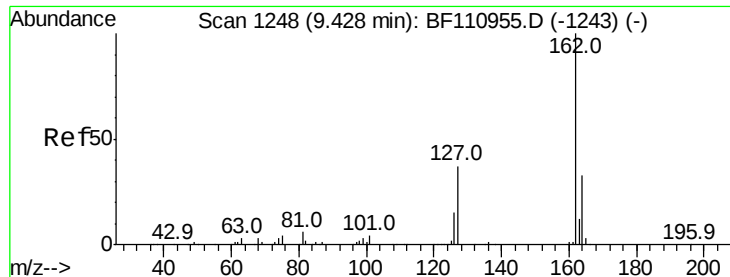
mohammad
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#46
1,1'-Biphenyl
Concen: 75.132 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.4	60.4
76	12.3	0.0	31.9





#47

2-Chloronaphthalene

Concen: 76.238 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

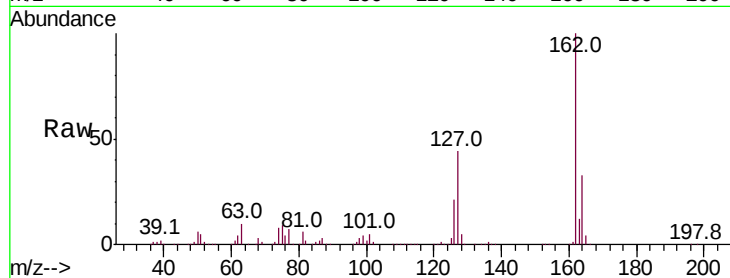
ClientSampleId :

SSTDIC080

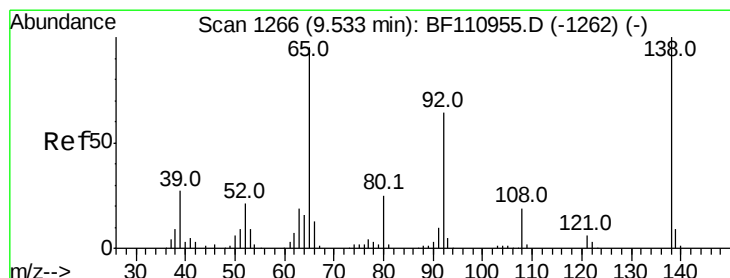
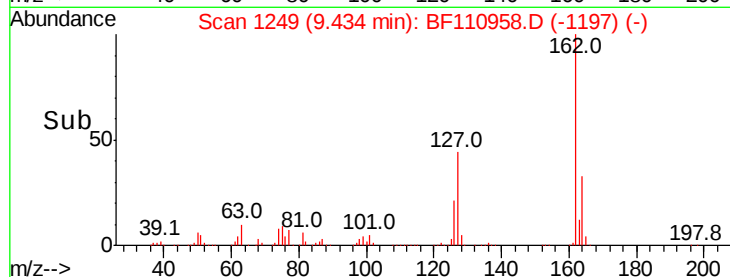
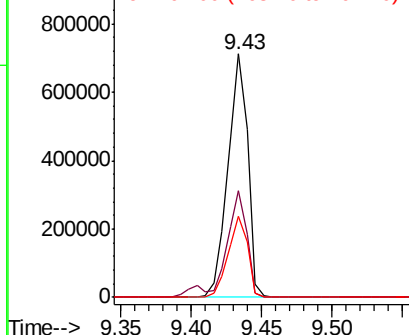
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.9	32.6	48.8
164	33.3	25.9	38.9

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



#48

2-Nitroaniline

Concen: 79.637 ng

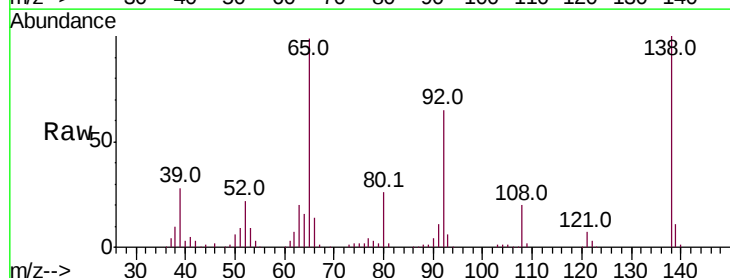
RT: 9.54 min Scan# 1267

Delta R.T. 0.01 min

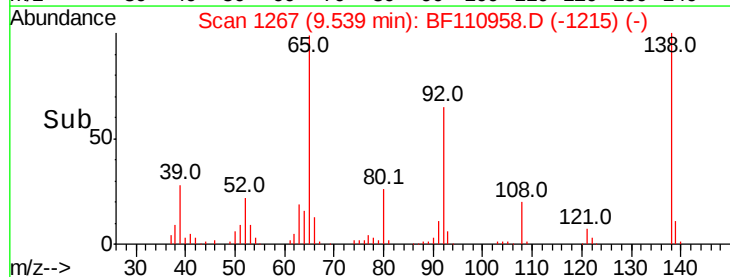
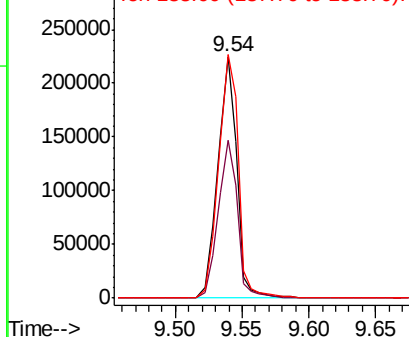
Lab File: BF110958.D

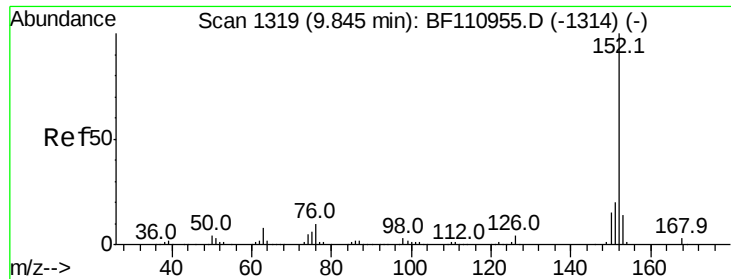
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.6	81.8
138	100.9	80.3	120.5



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





#49

Acenaphthylene

Concen: 73.894 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

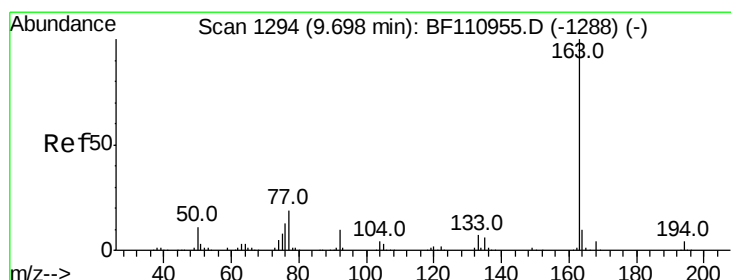
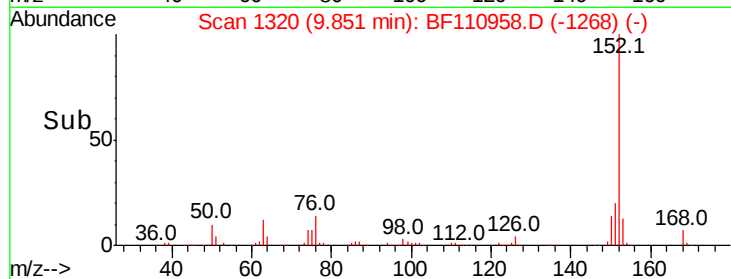
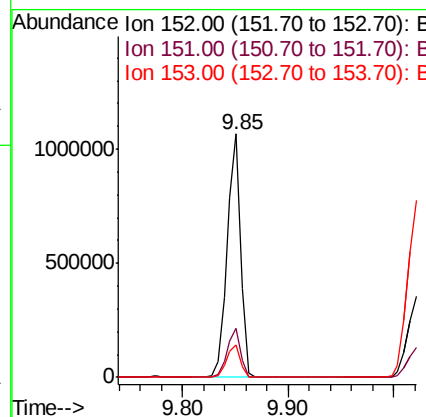
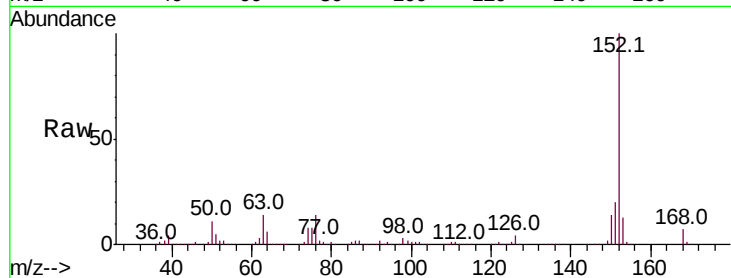
ClientSampleId :

SSTDICC080

Tot Ion:	152	Resp:	953403
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 74.945 ng

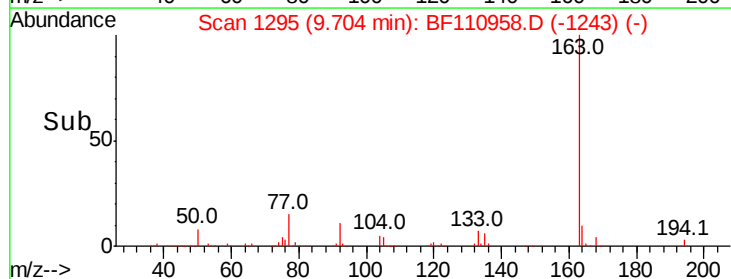
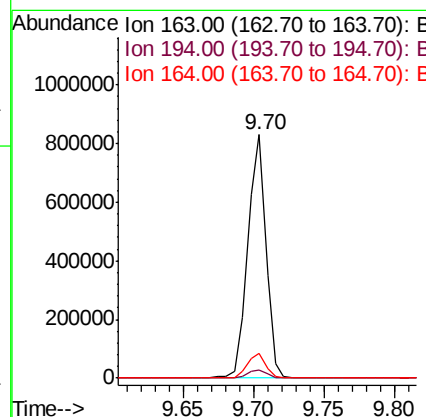
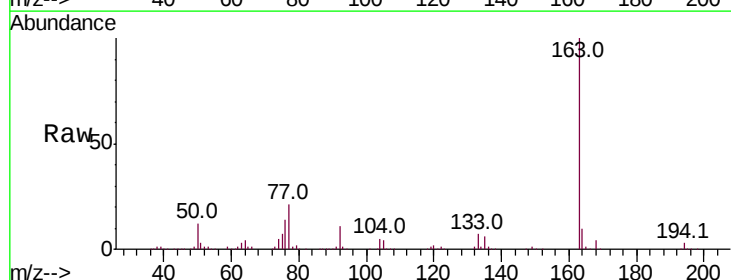
RT: 9.70 min Scan# 1295

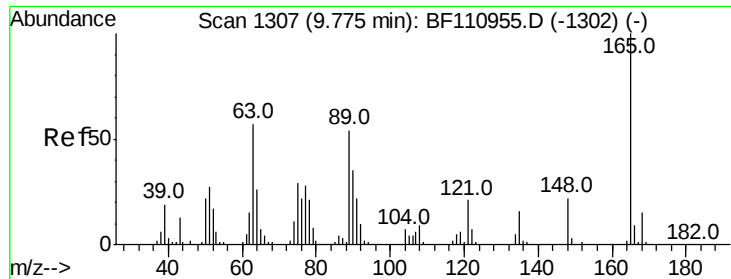
Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	163	Resp:	746079
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.0	8.1	12.1





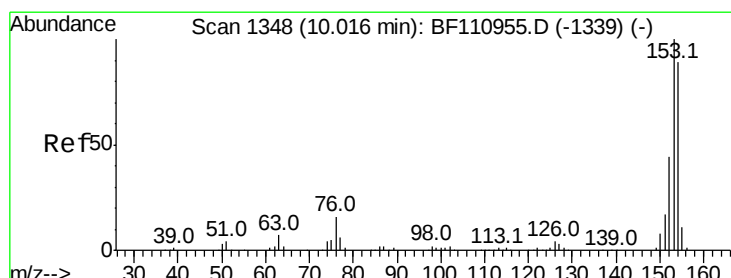
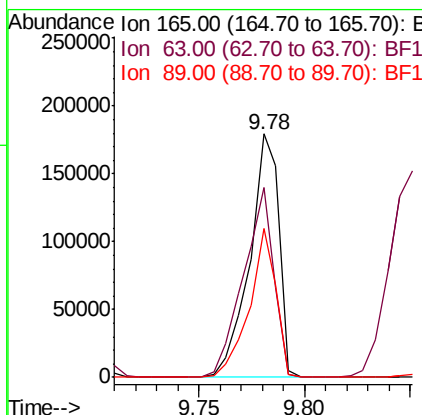
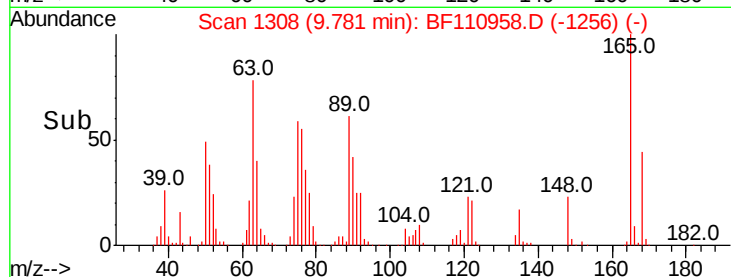
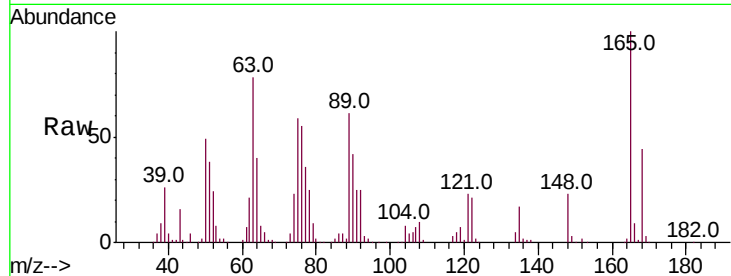
#51
2,6-Dinitrotoluene
Concen: 78.120 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	78.1	48.9	73.3#
89	61.2	46.6	69.8

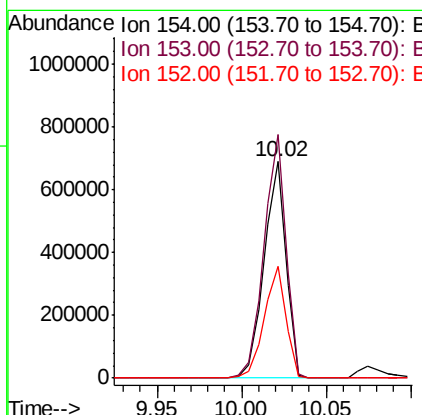
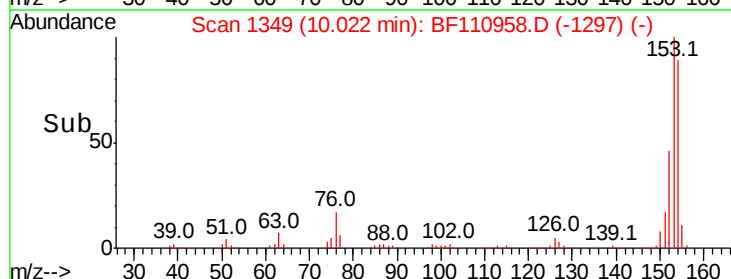
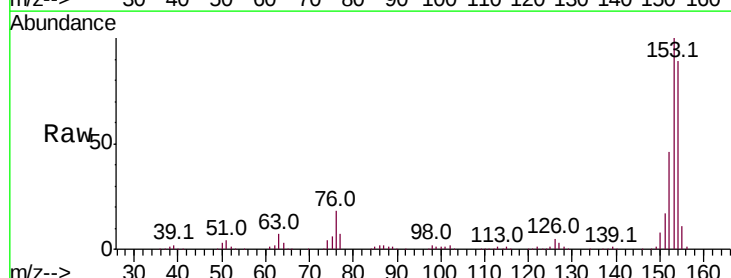
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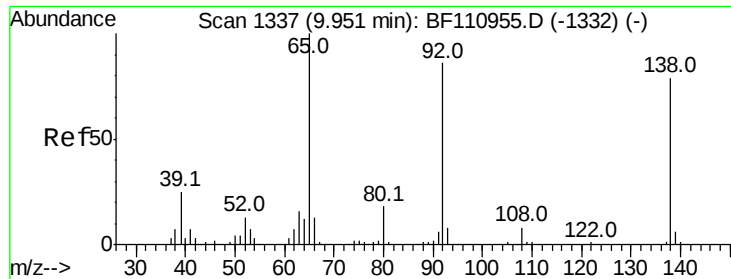
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#52
Acenaphthene
Concen: 75.048 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.1	135.1
152	51.6	43.4	65.2





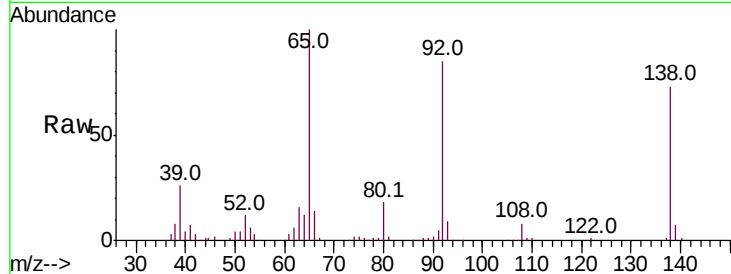
#53
3-Nitroaniline
Concen: 78.768 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

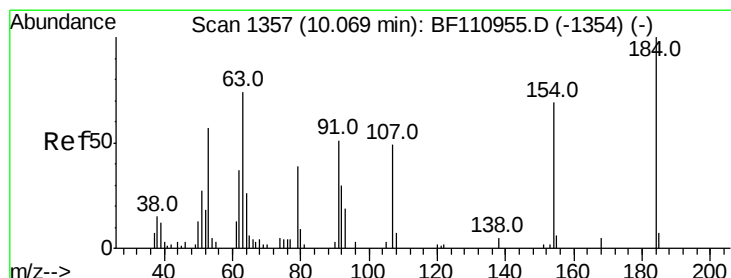
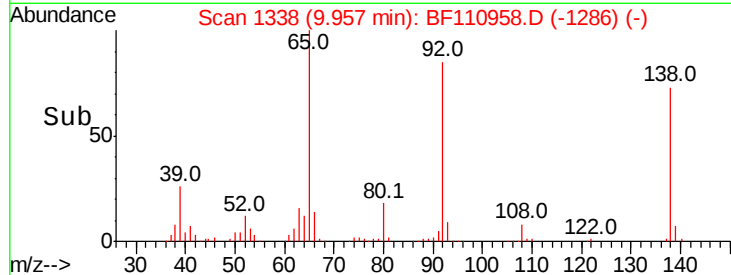
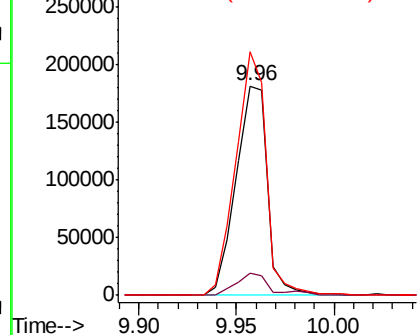
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	116.5	97.0	145.4

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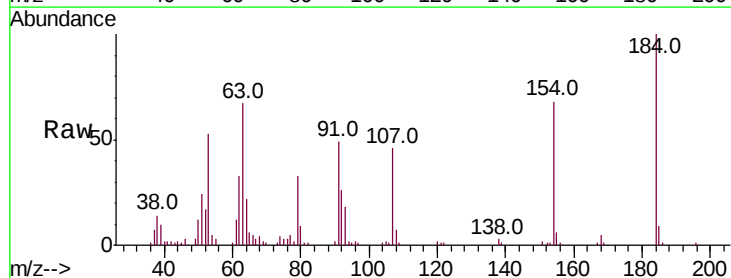


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

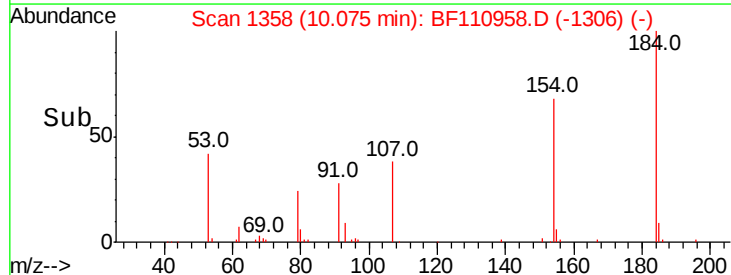
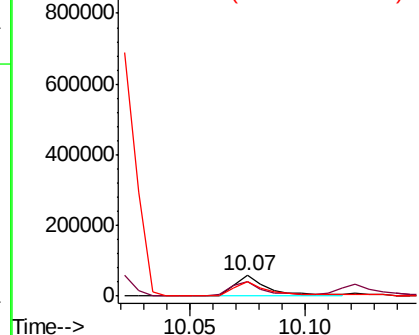


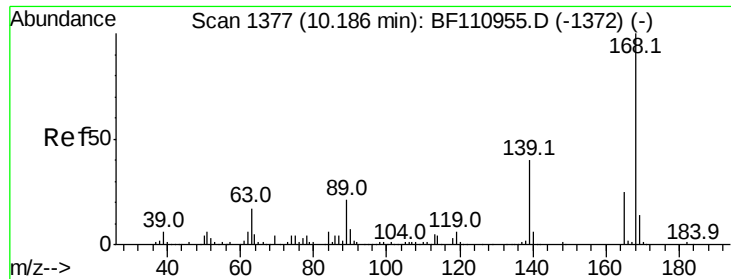
#54
2,4-Dinitrophenol
Concen: 80.029 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	55.8	83.6
154	67.6	63.2	94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





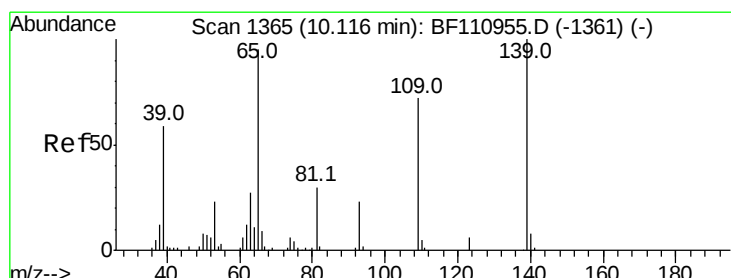
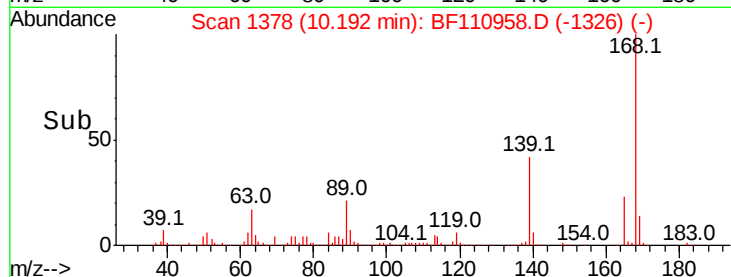
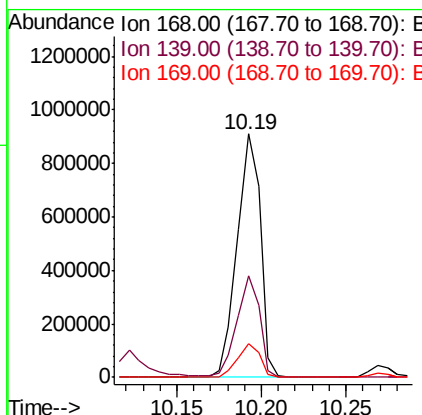
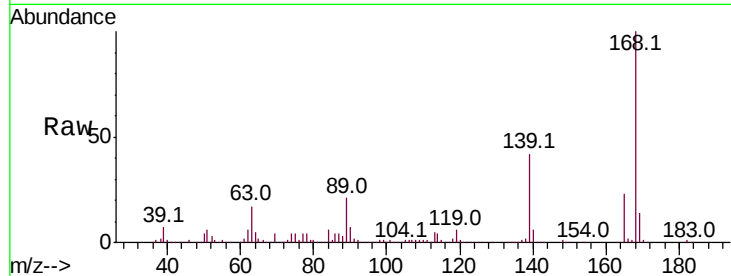
#55
Dibenzofuran
Concen: 72.285 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.0	49.6
169	13.8	11.3	16.9

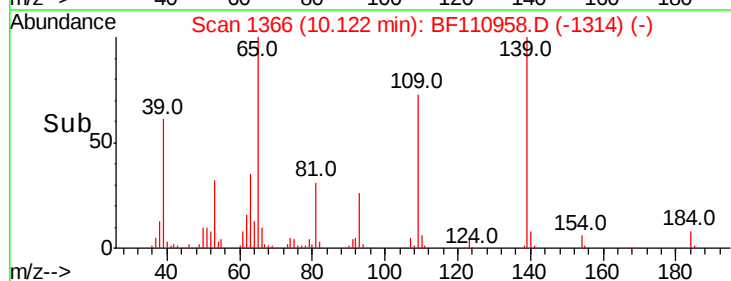
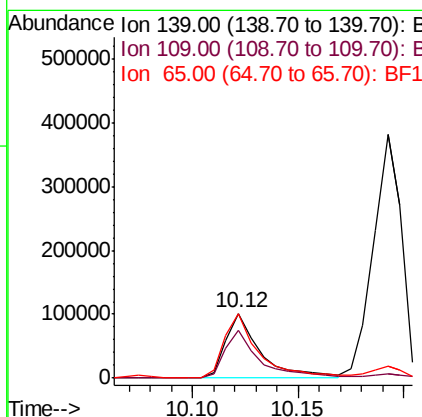
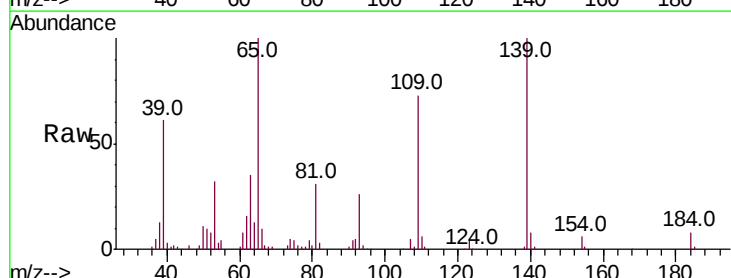
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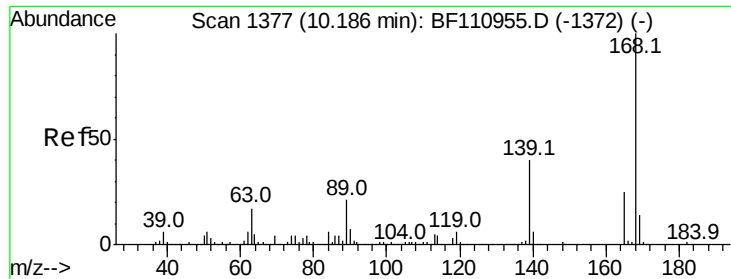
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#56
4-Nitrophenol
Concen: 80.359 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	55.8	95.8
65	100.2	77.9	117.9





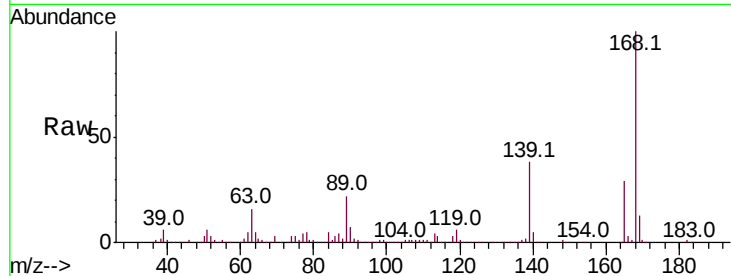
#57
2,4-Dinitrotoluene
Concen: 74.637 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.8	44.8	67.2	
89	74.3	62.2	93.4	
182	2.6	2.1	3.1	

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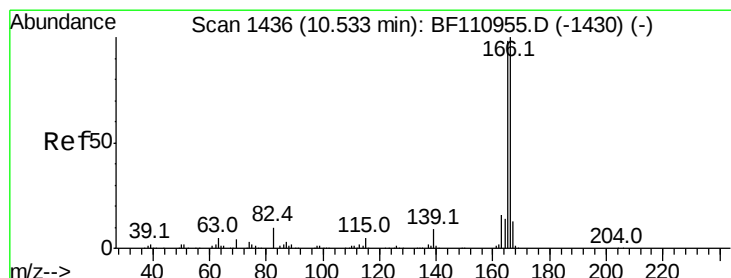
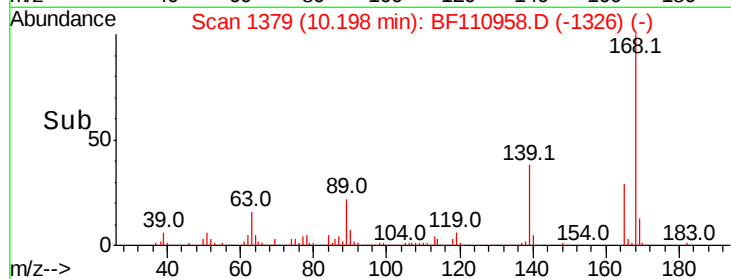
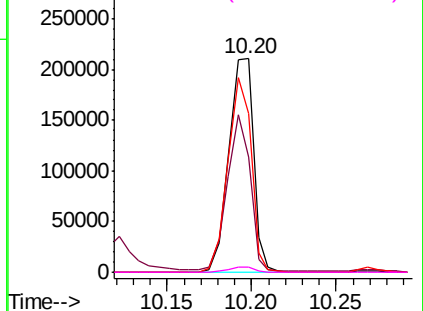
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 74.357 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

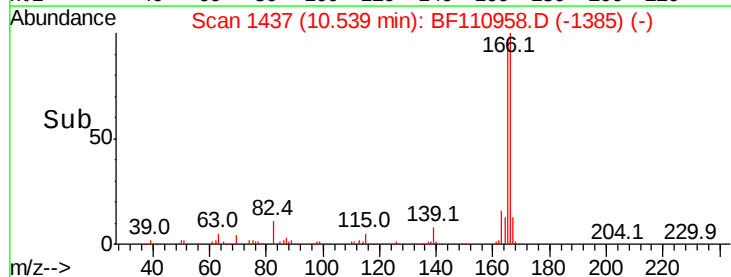
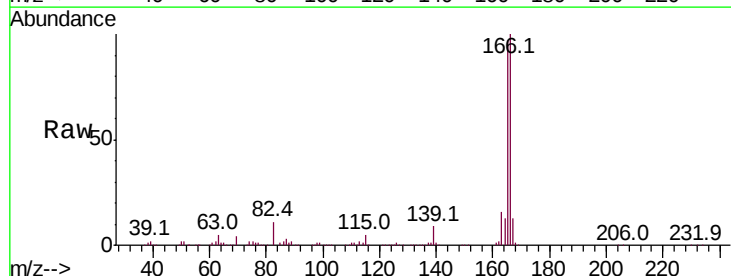
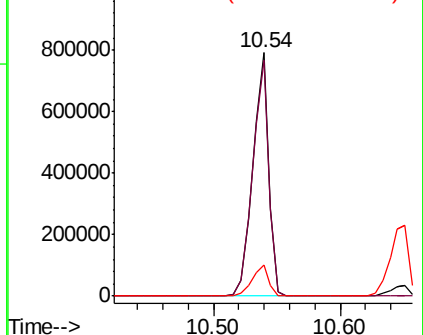
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	78.6	117.8	
167	13.0	10.8	16.2	

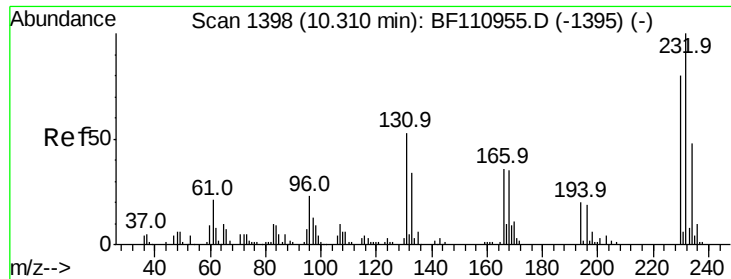
Abundance

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





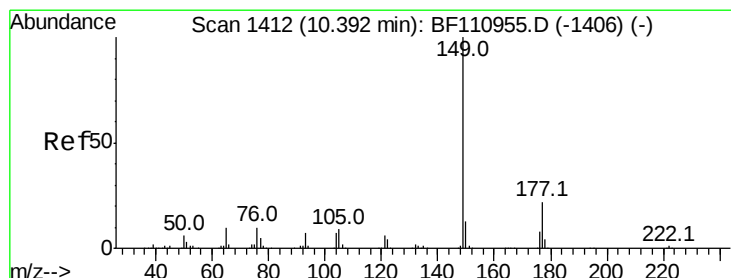
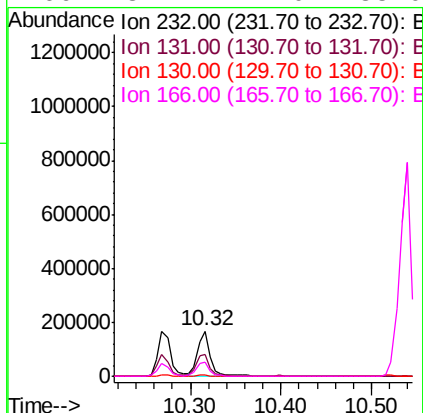
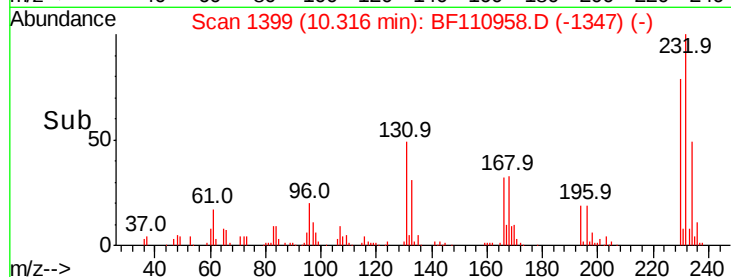
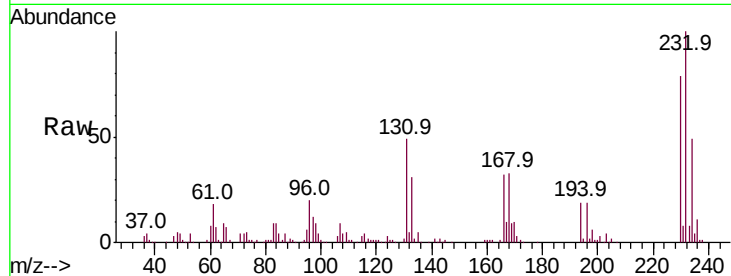
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.307 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	37.0	55.4
130	2.5	1.8	2.6
166	32.7	22.0	33.0

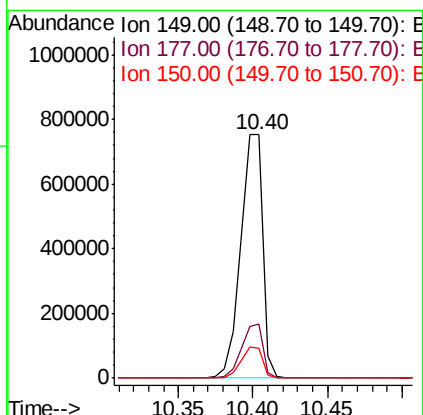
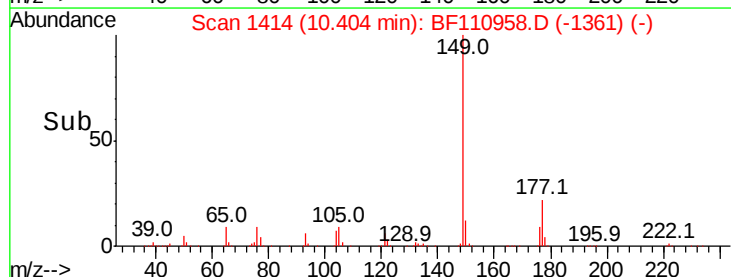
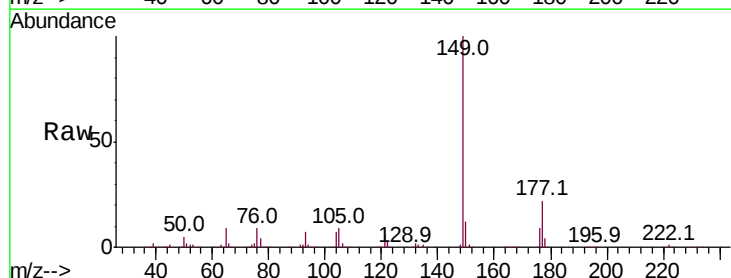
Manual Integrations
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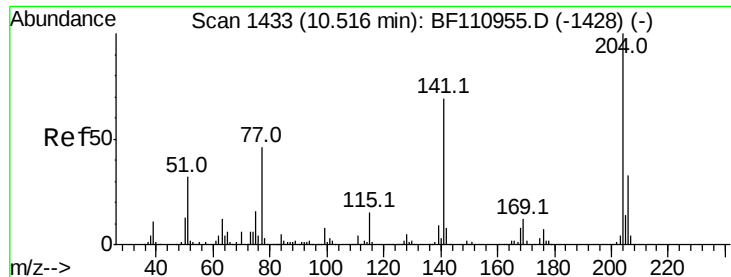
mohammad
 11/27/2018 11:36:53 AM



#60
 Diethylphthalate
 Concen: 75.090 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.2
150	12.3	9.8	14.8





#61

4-Chlorophenyl-phenylether

Concen: 73.769 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

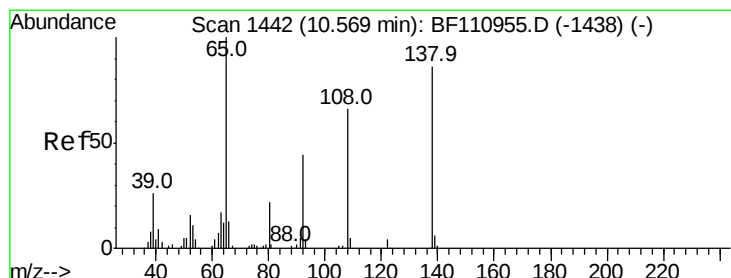
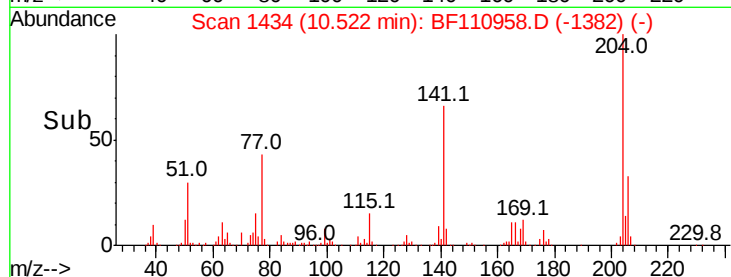
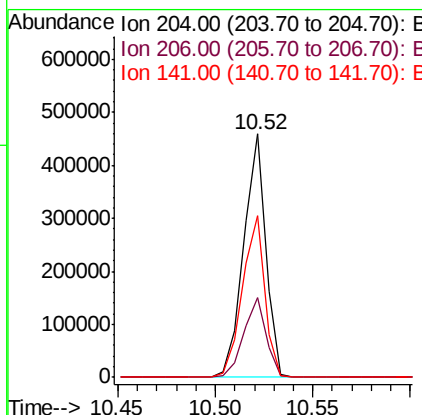
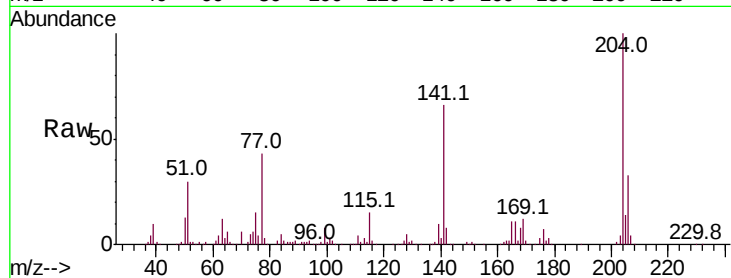
ClientSampleId :

SSTDIC080

Tot Ion:	204	Resp:	362247
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	66.5	51.8	77.8

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#62

4-Nitroaniline

Concen: 77.198 ng

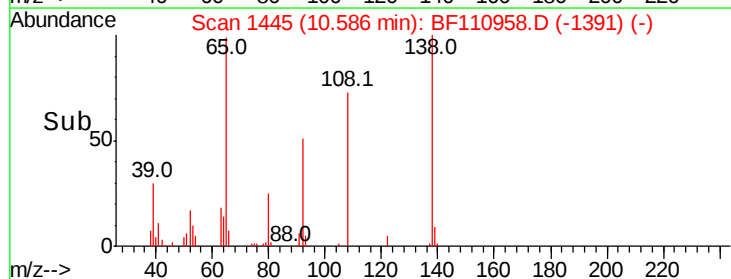
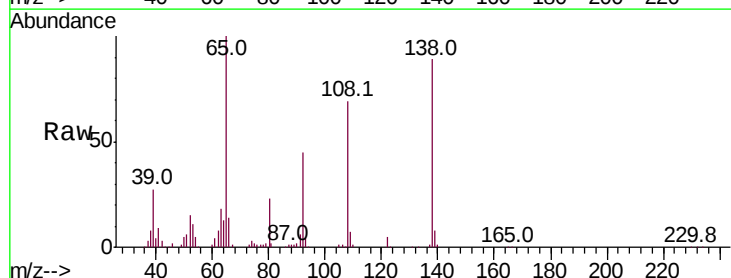
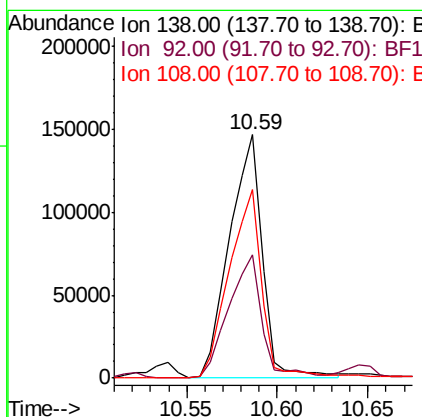
RT: 10.59 min Scan# 1445

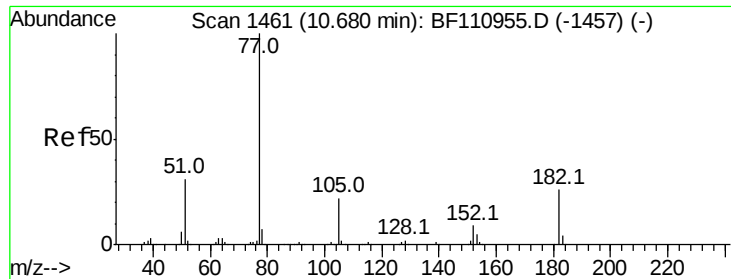
Delta R.T. 0.02 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Tgt Ion:	138	Resp:	185660
Ion Ratio	Lower	Upper	
138	100		
92	50.6	31.7	71.7
108	77.6	59.3	99.3





#63

Azobenzene

Concen: 75.295 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

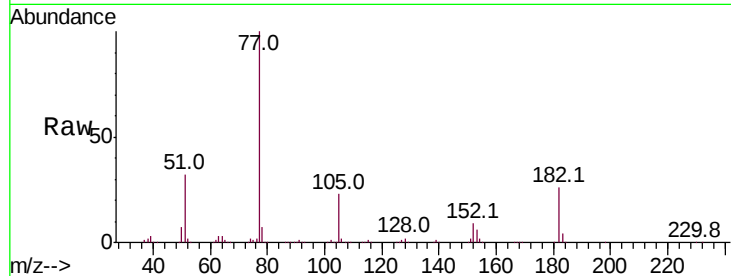
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	4.3	44.3	
105	22.7	1.3	41.3	
51	31.9	9.0	49.0	

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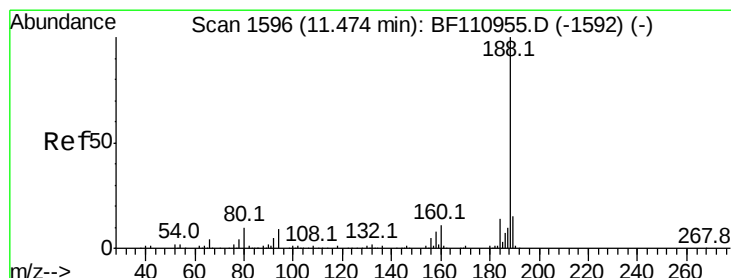
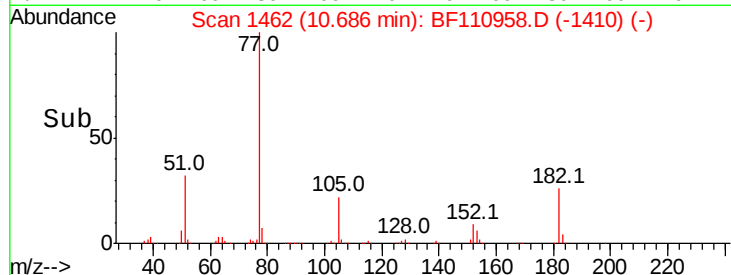
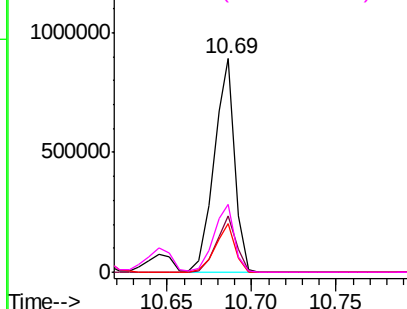


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF110958.D

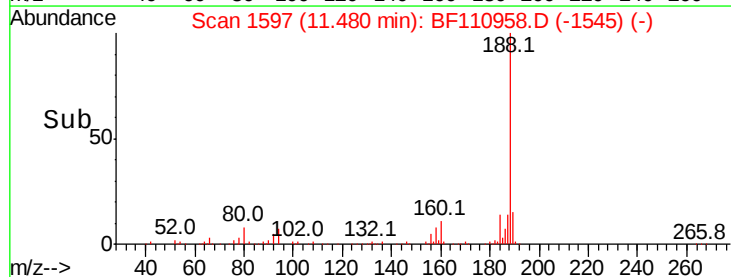
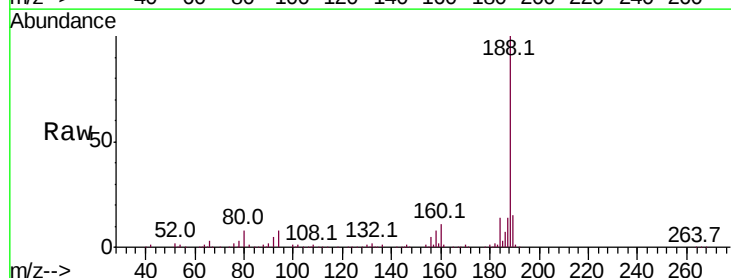
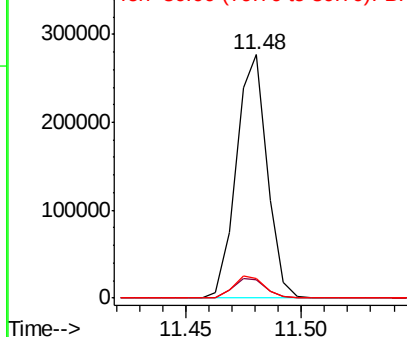
Acq: 26 Nov 2018 12:21

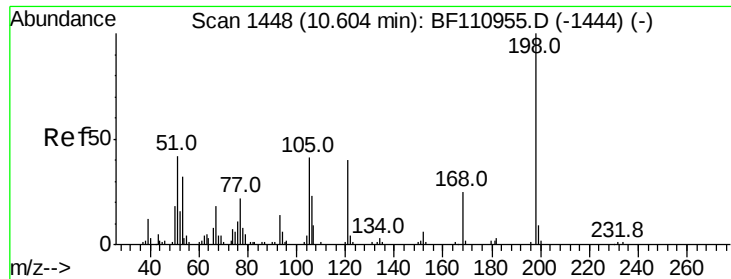
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	7.2	10.8	
80	8.1	7.9	11.9	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





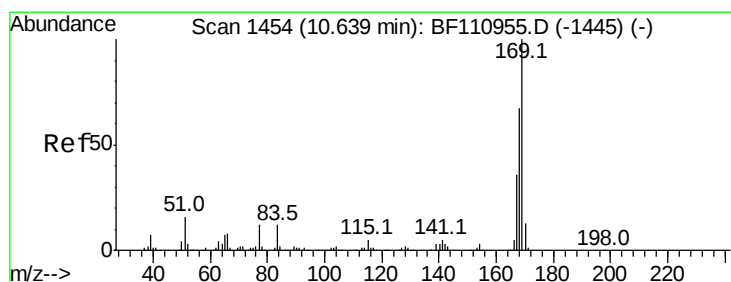
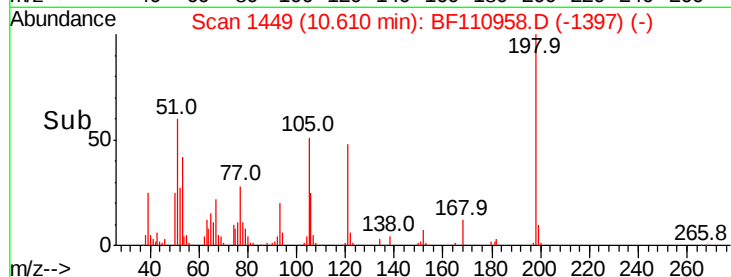
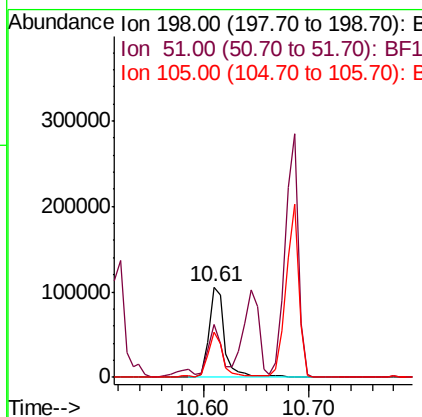
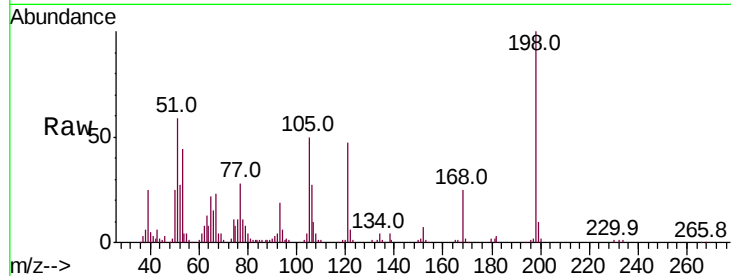
#65
4,6-Dinitro-2-methylphenol
Concen: 89.684 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	109315		
51	58.8		22.8	62.8
105	49.6		23.6	63.6

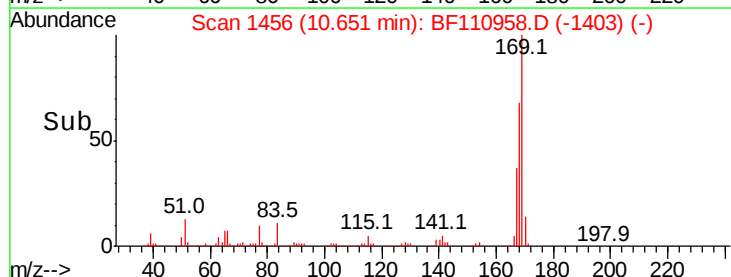
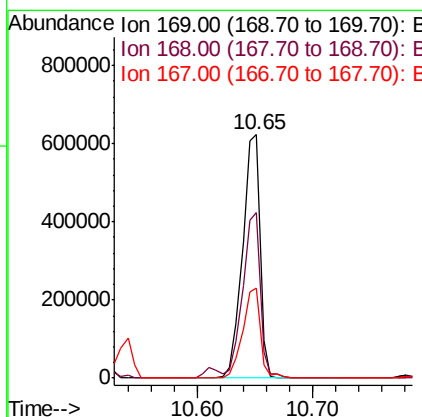
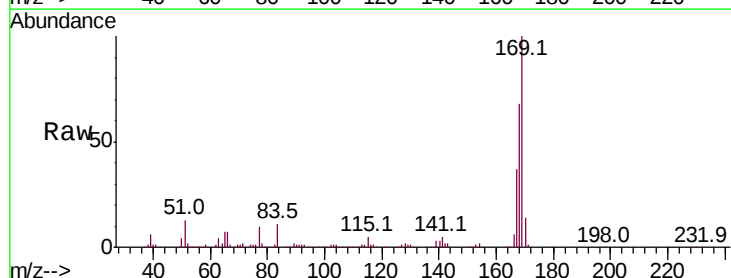
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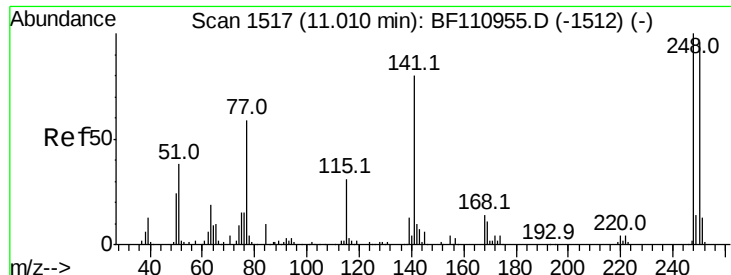
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#66
n-Nitrosodiphenylamine
Concen: 76.568 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	656789		
168	68.1		51.2	76.8
167	36.7		27.8	41.6





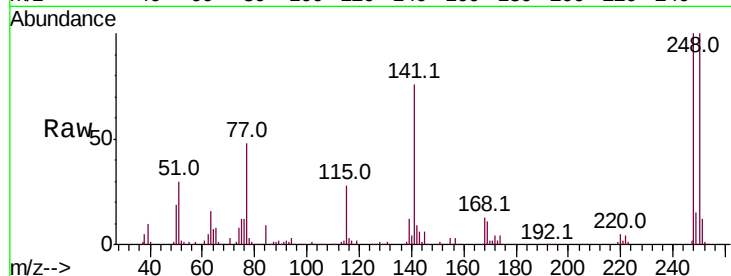
#67
4-Bromophenyl-phenylether
Concen: 76.341 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.4	119.2
141	75.6	55.9	83.9

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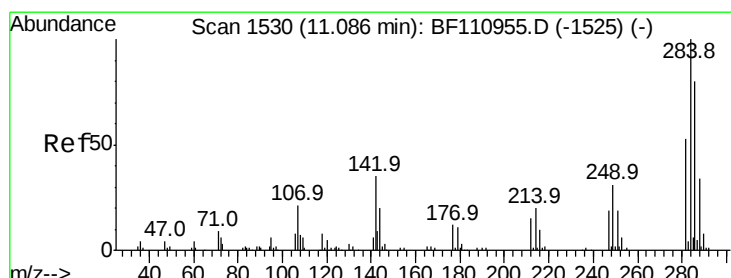
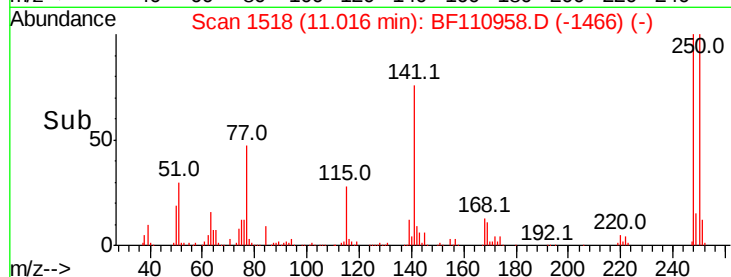
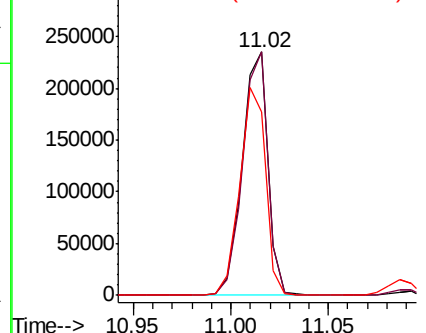


Abundance

Ion 248.00 (247.70 to 248.70): E

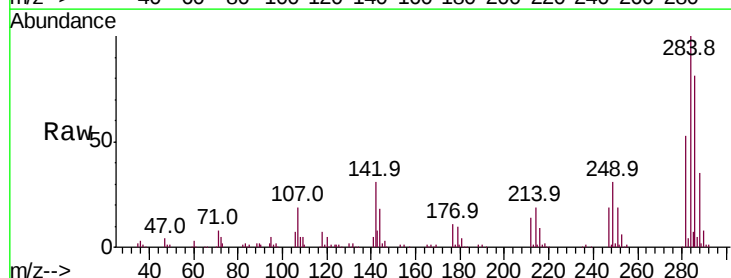
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 76.358 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.9	35.9
249	30.8	24.2	36.2

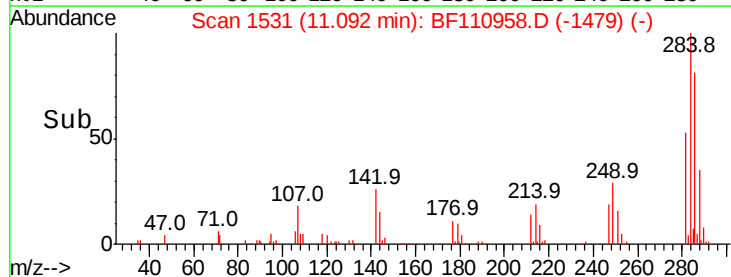
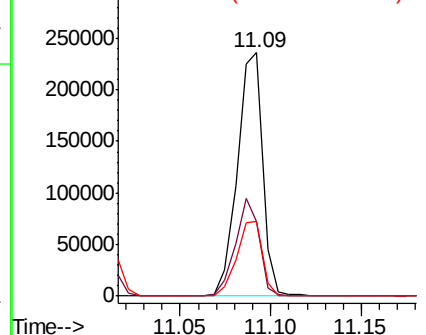


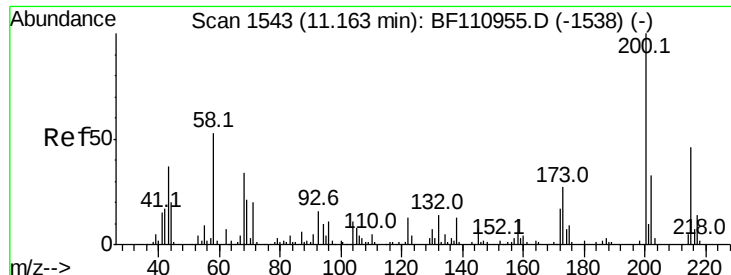
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





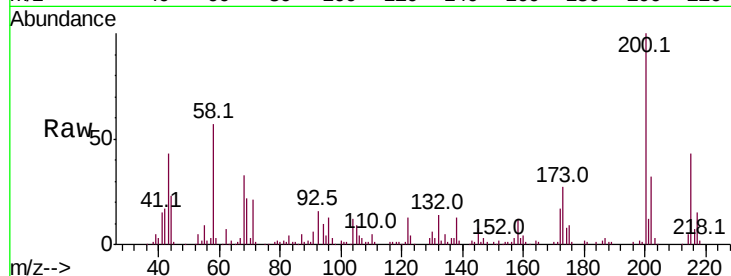
#69
Atrazine
Concen: 41.903 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

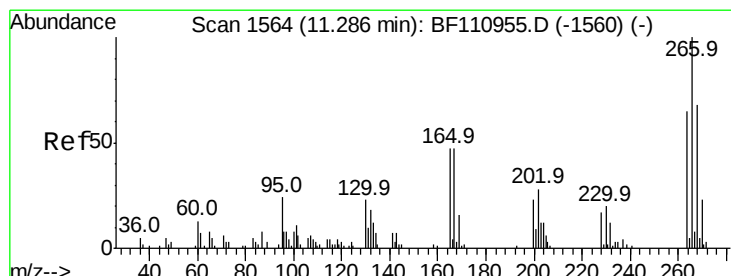
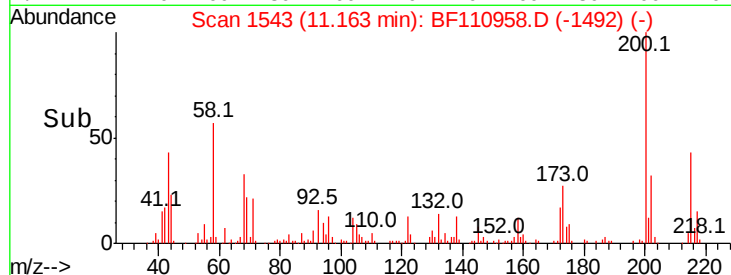
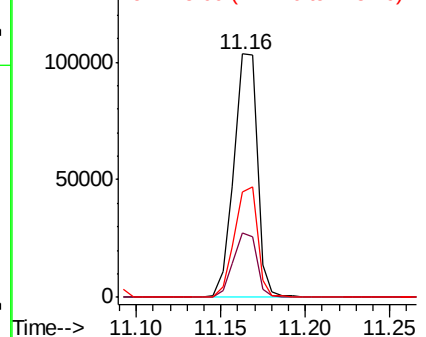
Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.6	6.6	46.6	
215	43.2	26.3	66.3	

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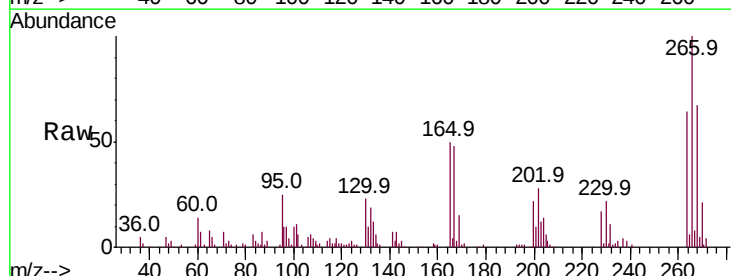


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

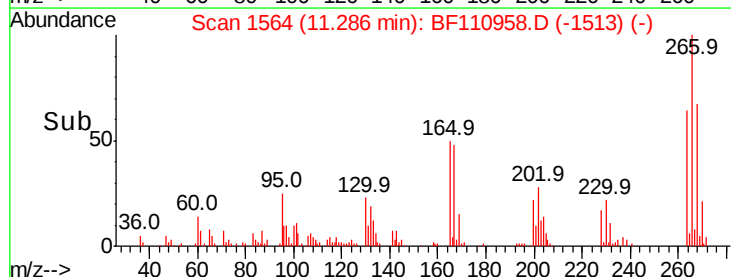
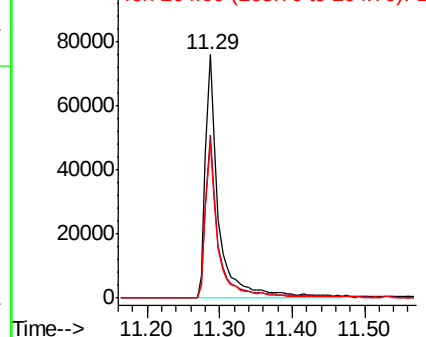


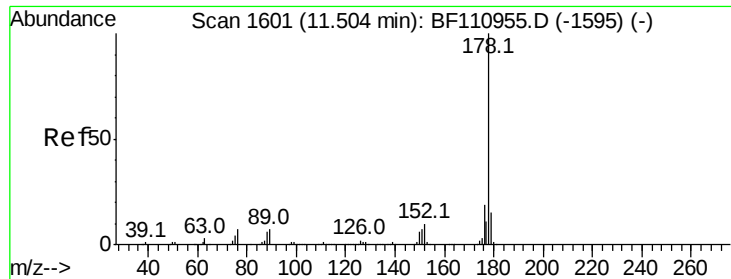
#70
Pentachlorophenol
Concen: 82.504 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.0	50.6	75.8	
264	63.8	50.6	75.8	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





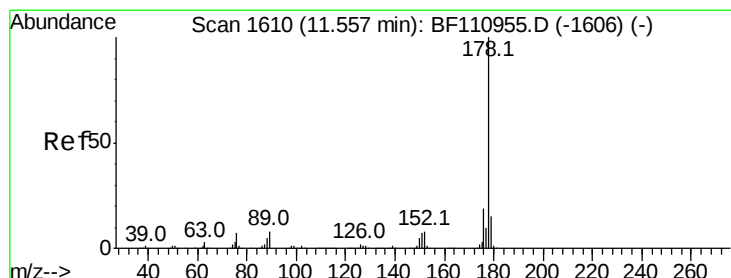
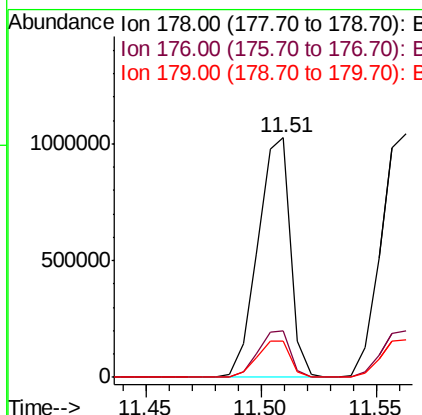
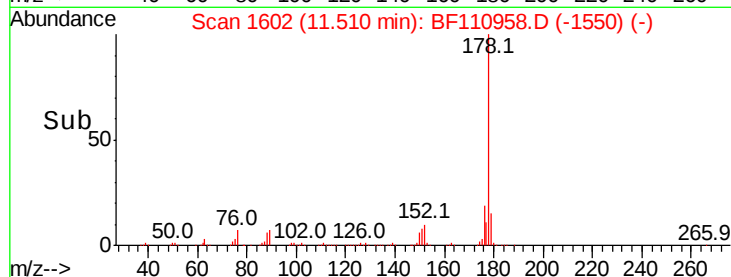
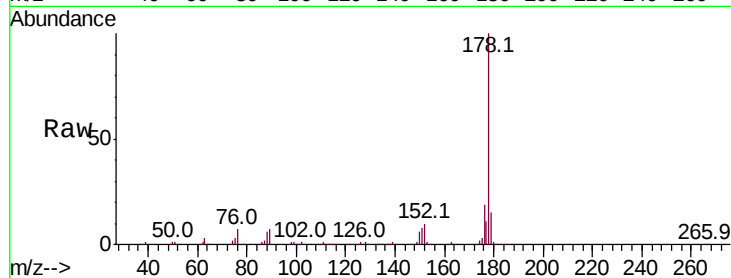
#71
Phenanthrene
Concen: 73.986 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:178 Resp: 1009704
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.5 18.7

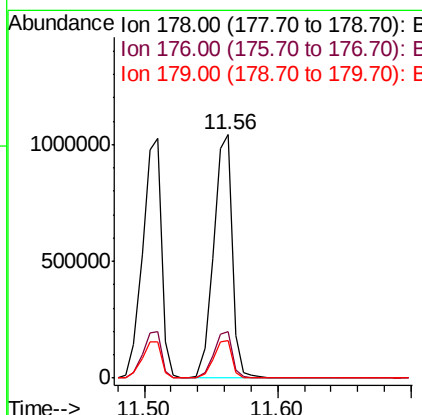
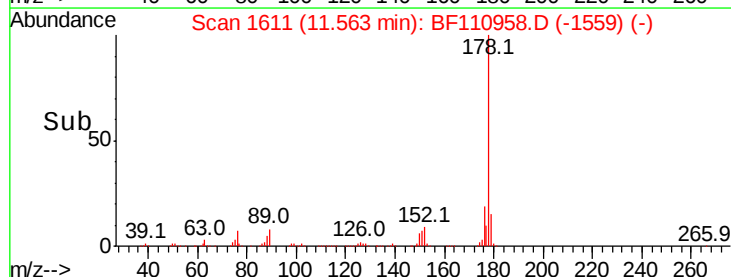
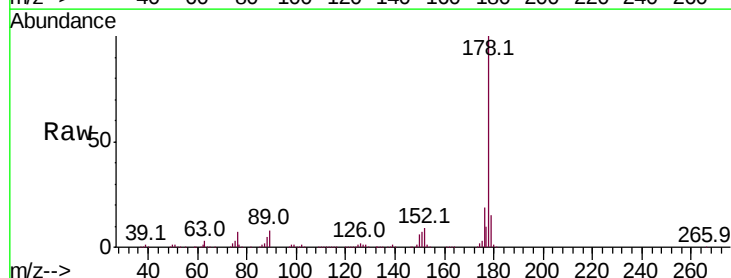
Manual Integrations
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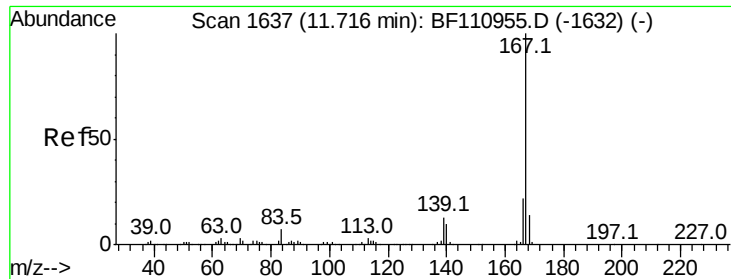
mohammad
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#72
Anthracene
Concen: 73.879 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion:178 Resp: 1026783
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.6 18.8





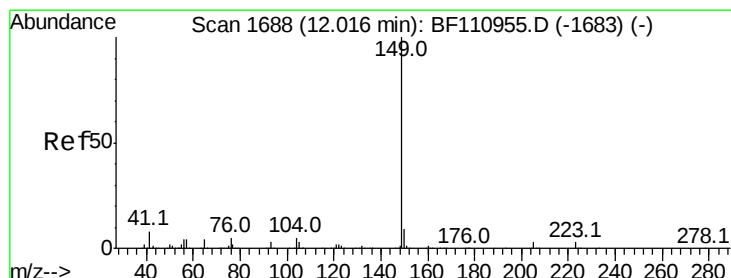
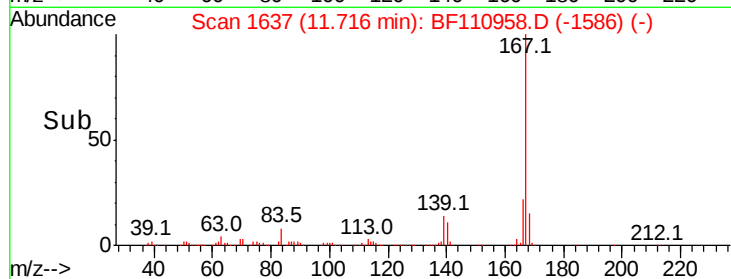
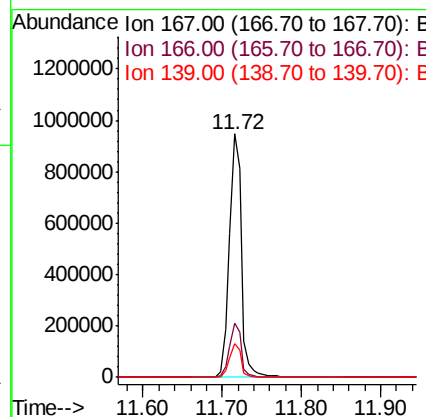
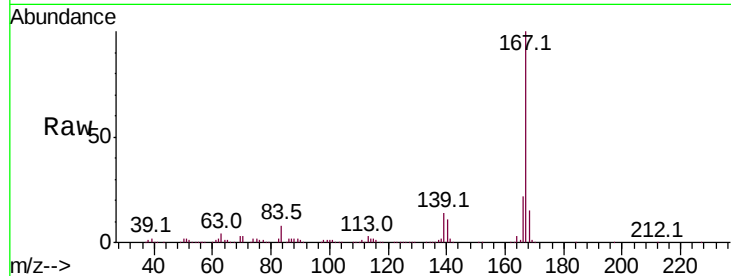
#73
 Carbazole
 Concen: 73.813 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.1	10.9	16.3

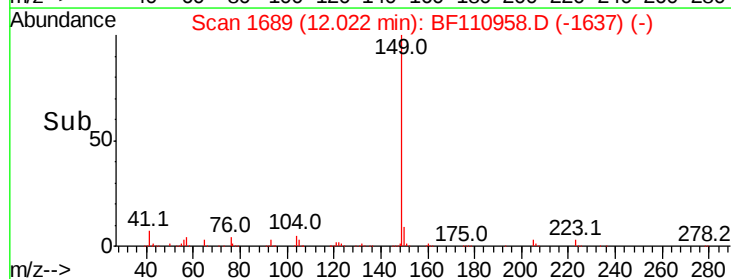
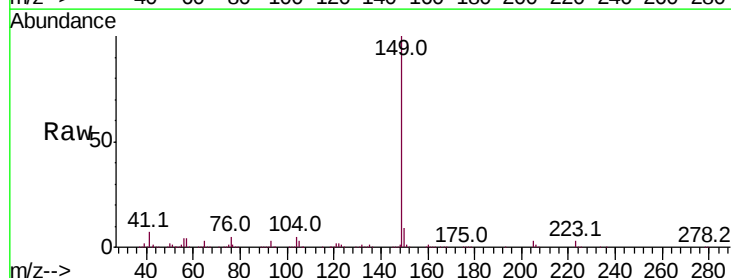
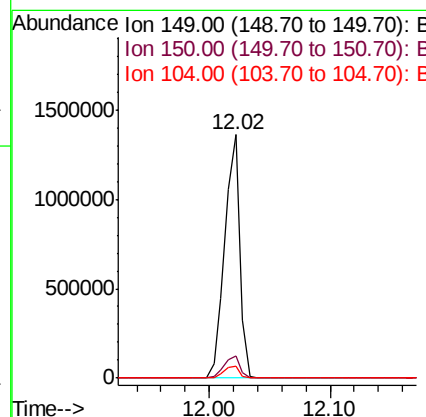
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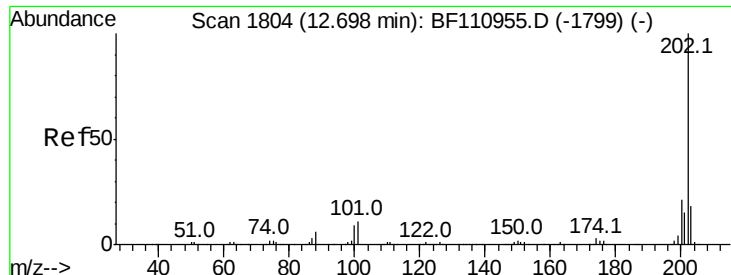
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#74
 Di-n-butylphthalate
 Concen: 73.981 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.1	4.2	6.4





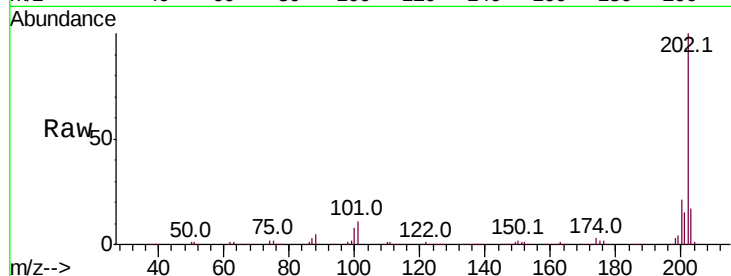
#75
 Fluoranthene
 Concen: 72.837 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

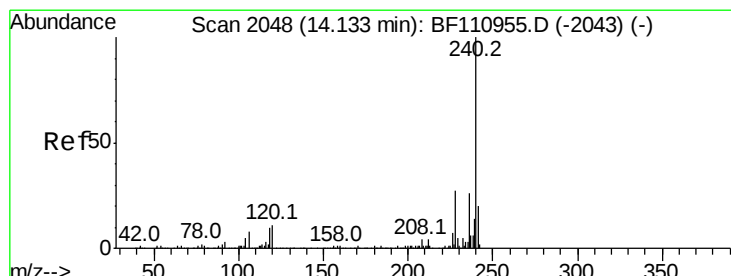
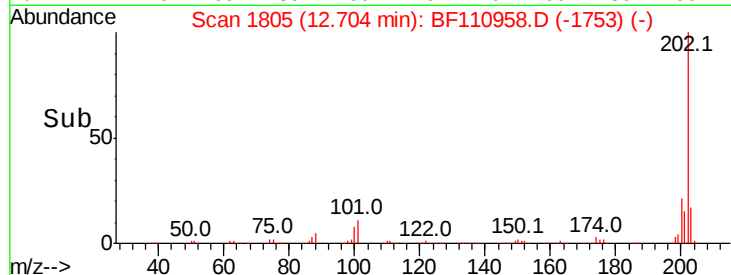
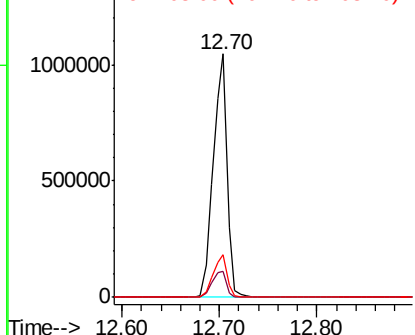
Tot Ion:202 Resp: 1021639
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.4
 203 17.5 0.0 37.7

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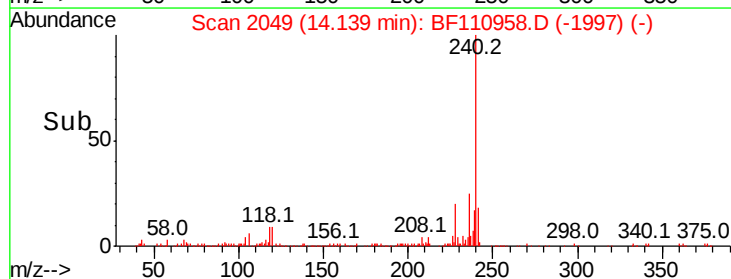
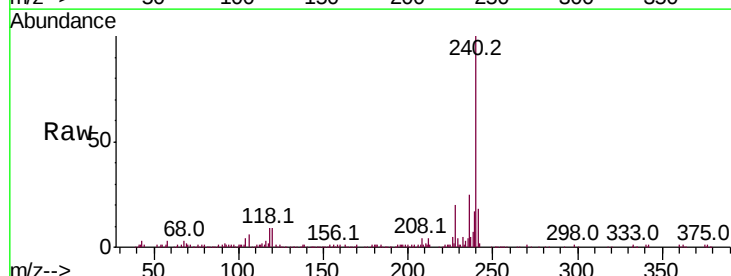
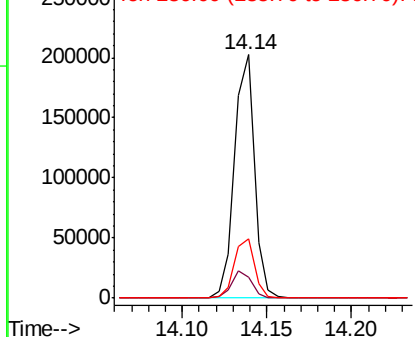
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

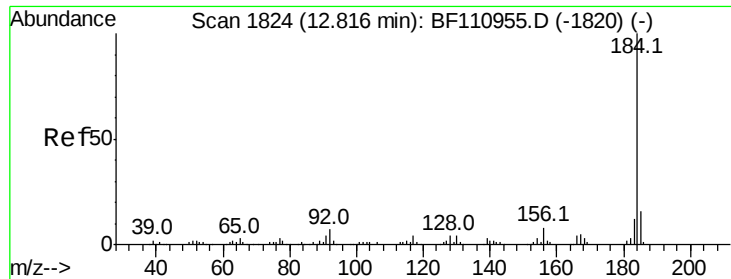


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion:240 Resp: 166261
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.3 12.5
 236 24.6 21.2 31.8

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.568 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 202289

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.2

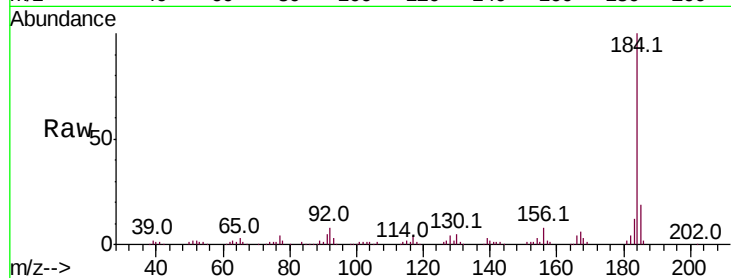
183 11.7 9.4 14.2

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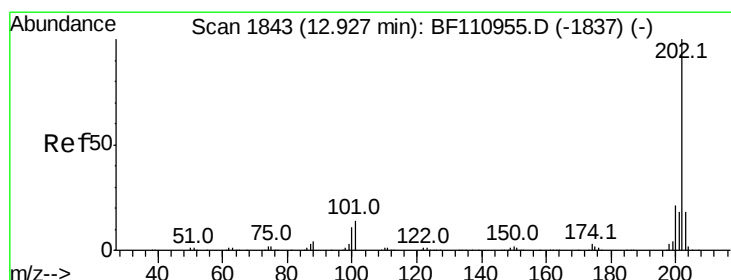
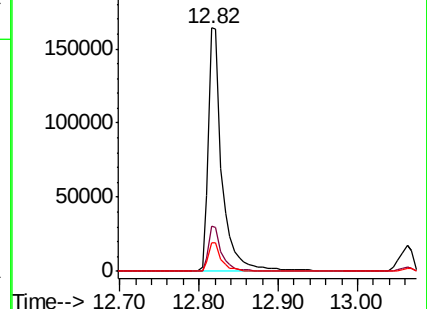
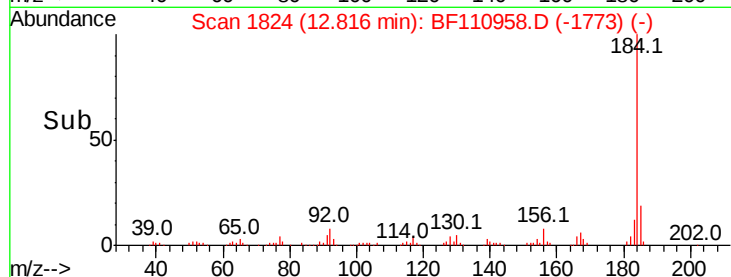
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 84.825 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

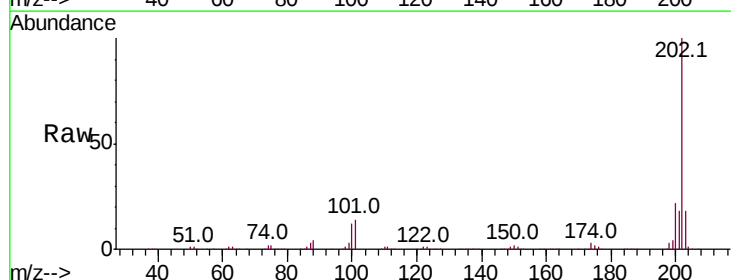
Tgt Ion:202 Resp: 1030050

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

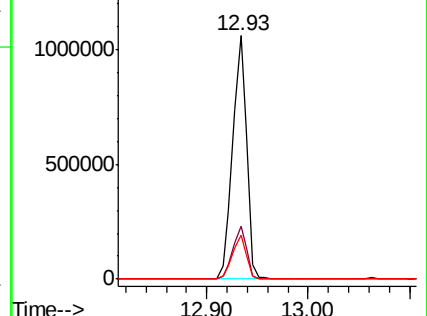
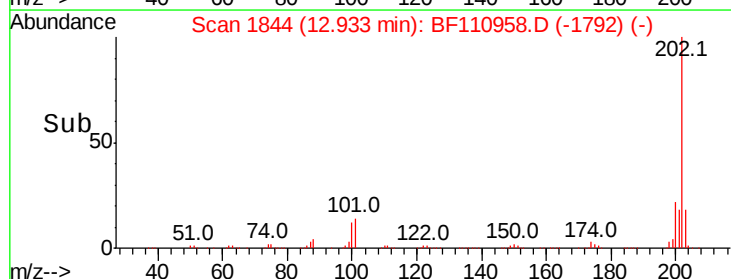
203 18.0 14.2 21.4

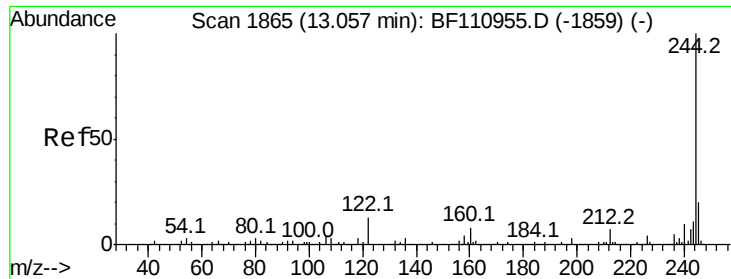


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





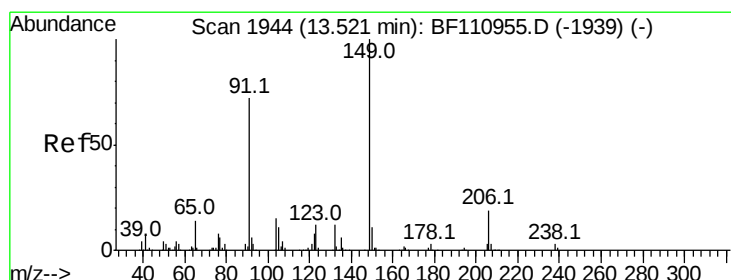
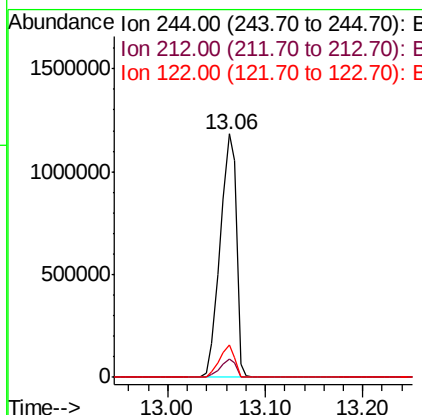
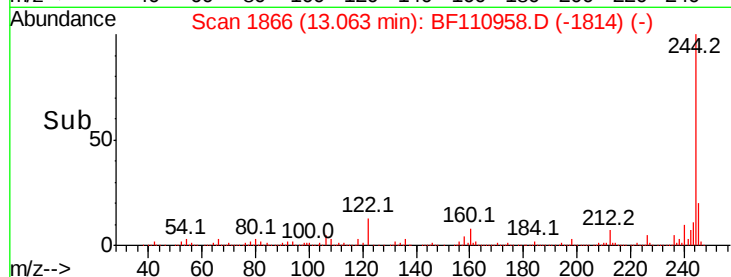
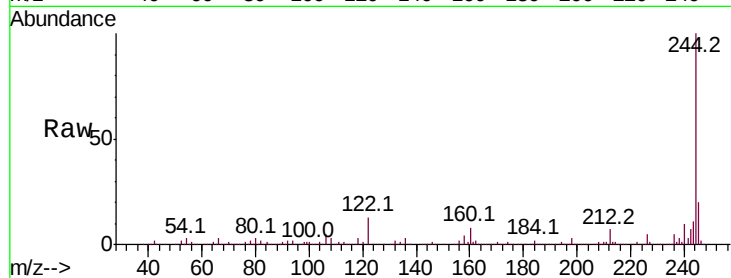
#79
 Terphenyl-d14
 Concen: 160.488 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:244 Resp: 1370712
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.4 8.7 13.1#

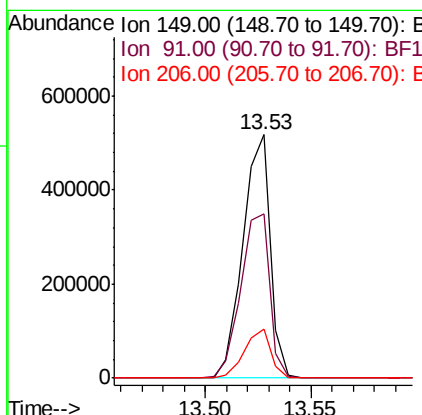
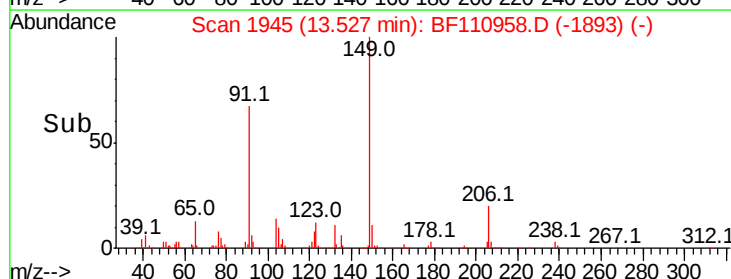
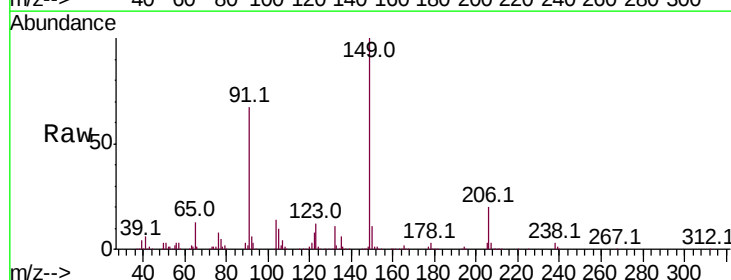
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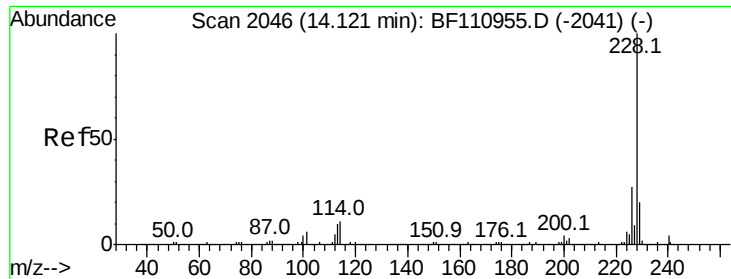
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#80
 Butylbenzylphthalate
 Concen: 84.888 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Tgt Ion:149 Resp: 465393
 Ion Ratio Lower Upper
 149 100
 91 67.4 57.2 85.8
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 78.855 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF110958.D

Acq: 26 Nov 2018 12:21

Instrument :

BNA_F

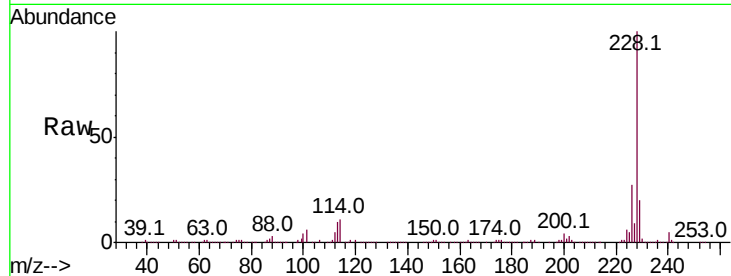
ClientSampleId :

SSTDICC080

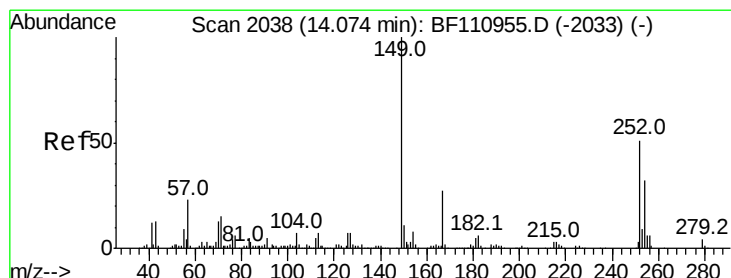
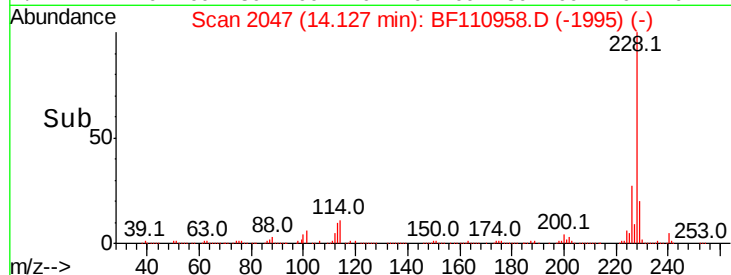
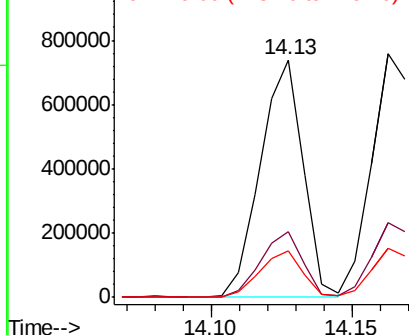
Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.4	22.1	33.1	
229	19.5	15.6	23.4	

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



#82

3,3'-Dichlorobenzidine

Concen: 65.582 ng

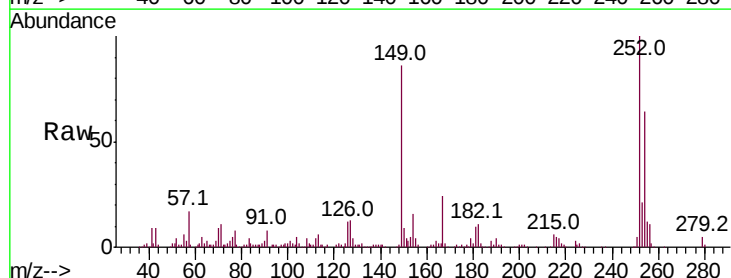
RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

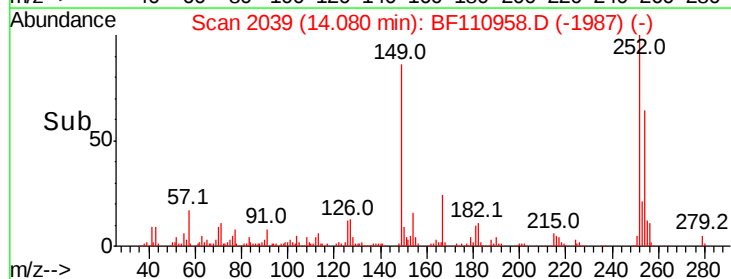
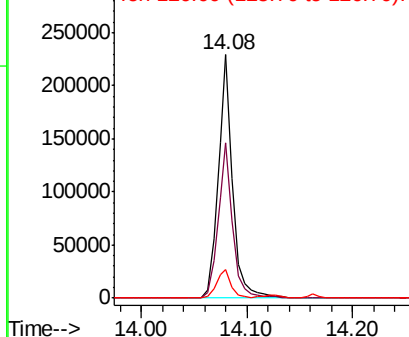
Lab File: BF110958.D

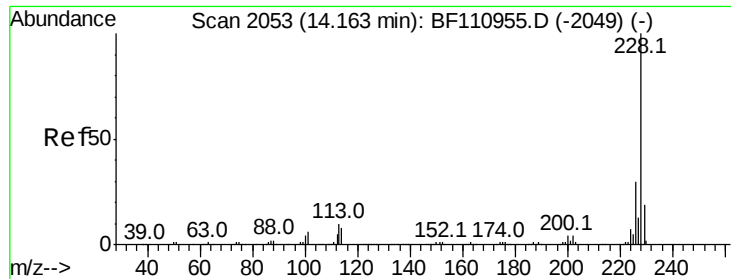
Acq: 26 Nov 2018 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.8	51.3	76.9	
126	11.8	9.4	14.2	



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





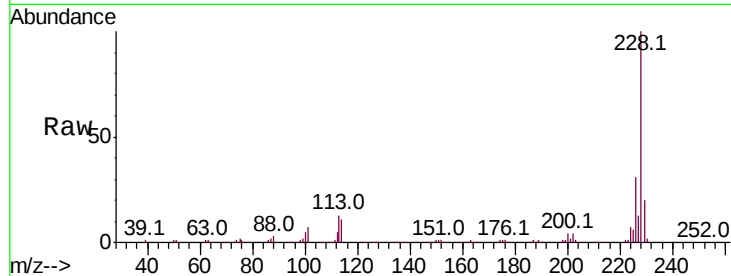
#83
 Chrvsene
 Concen: 76.394 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.0	15.9	23.9

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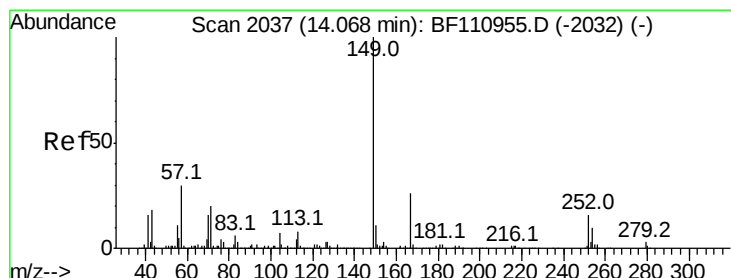
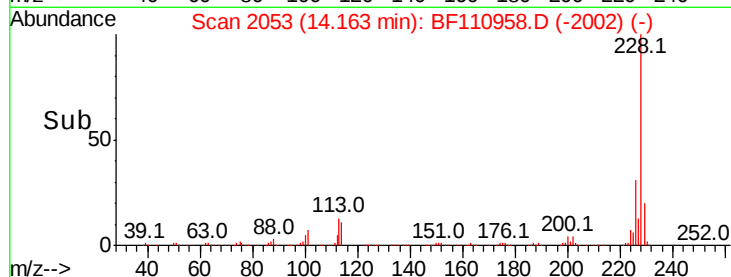
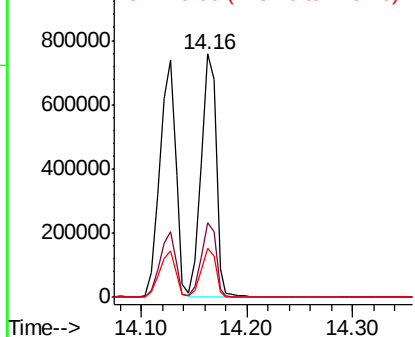


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 82.644 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF110958.D
 Acq: 26 Nov 2018 12:21

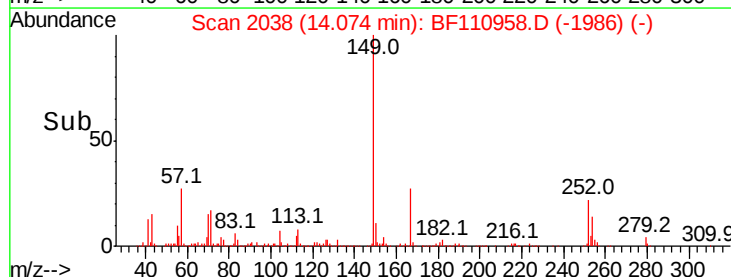
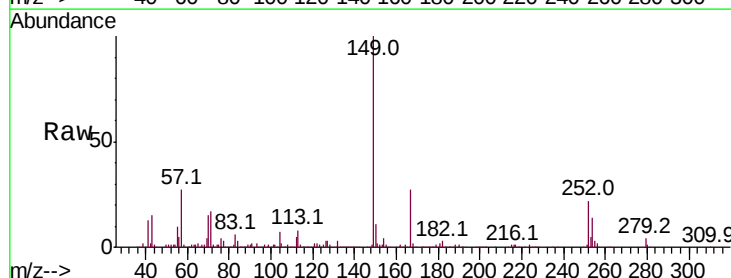
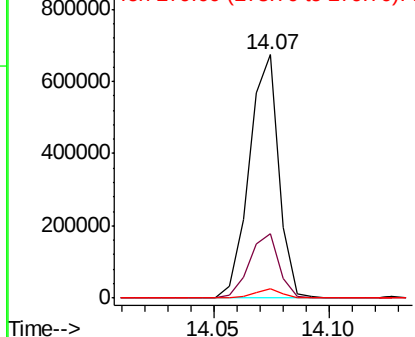
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	19.8	29.8
279	3.8	2.7	4.1

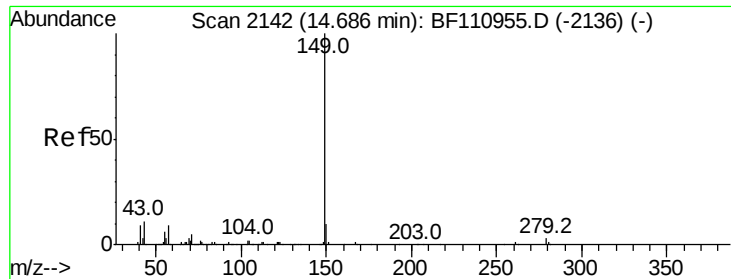
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





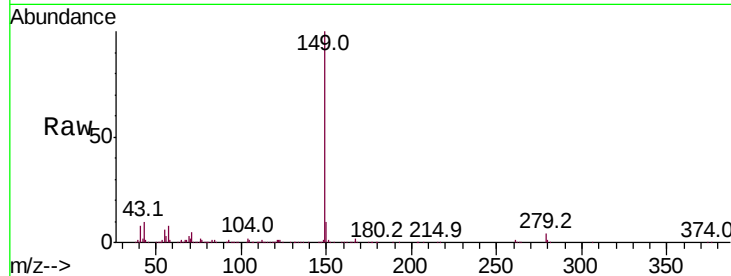
#85
Di-n-octyl phthalate
Concen: 77.151 ng
RT: 14.69 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.9	7.8	11.8

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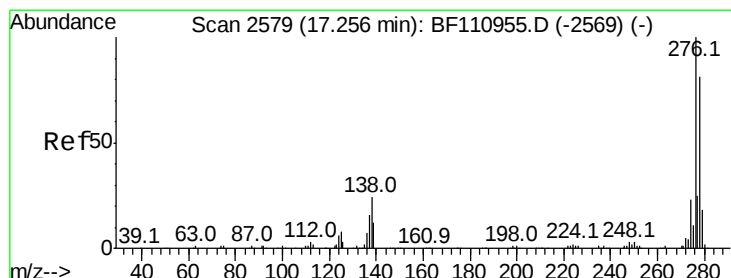
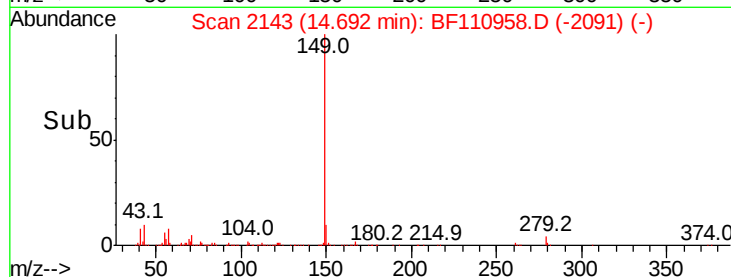
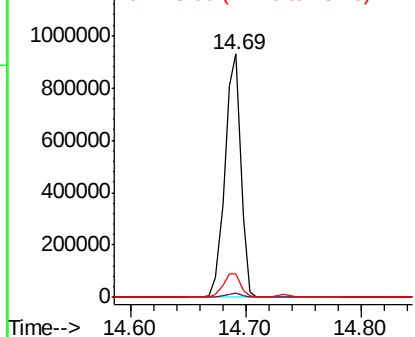


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 85.639 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

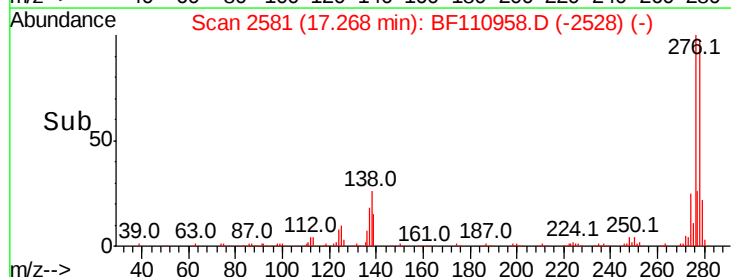
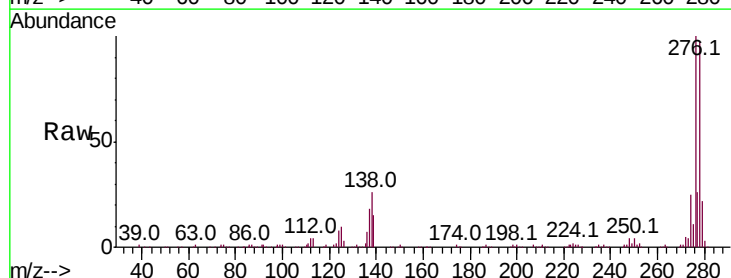
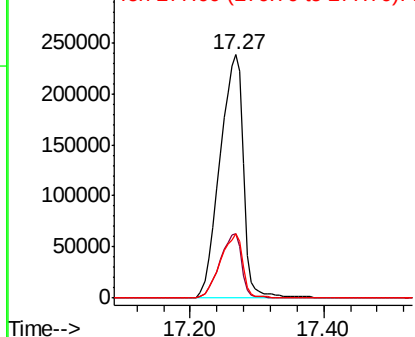
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.5	27.7
277	25.4	20.0	30.0

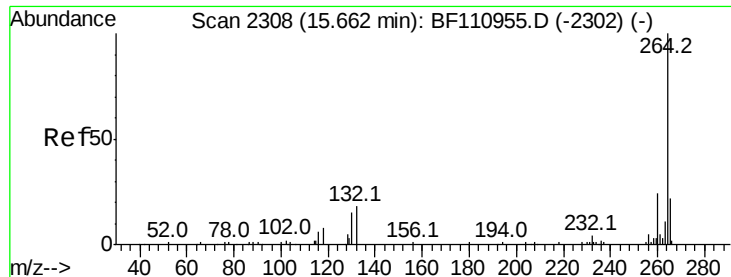
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





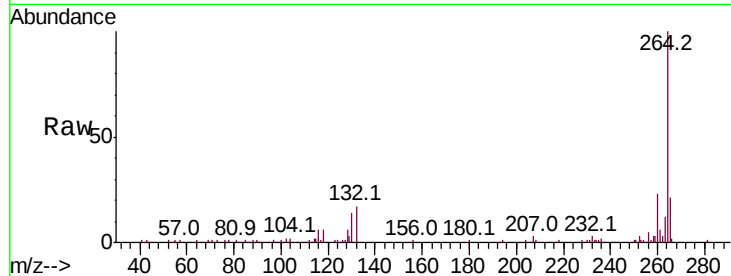
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.8	16.7	25.1

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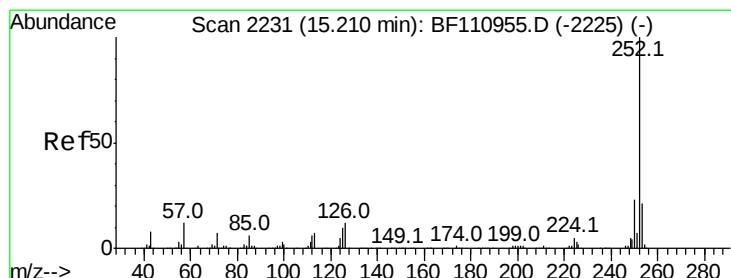
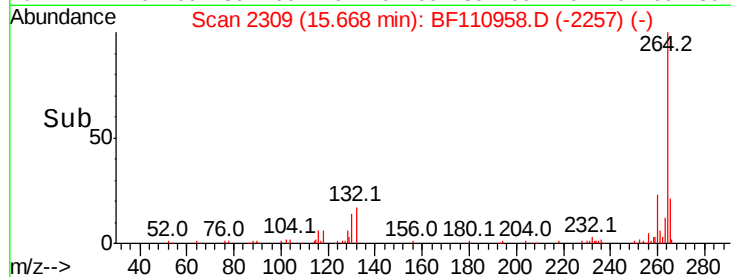
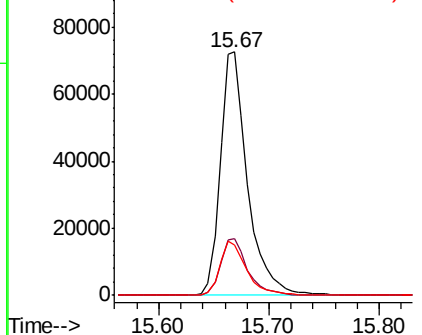


Abundance

Ion 264.00 (263.70 to 264.70): E

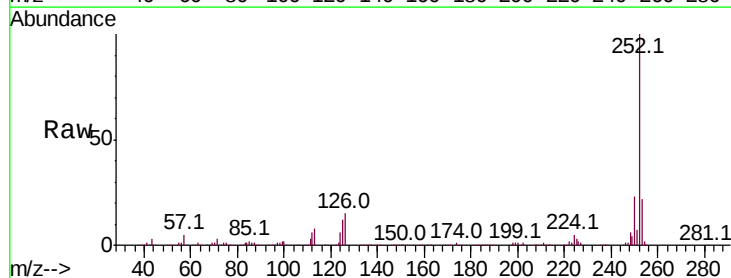
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 81.572 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	8.2	12.4

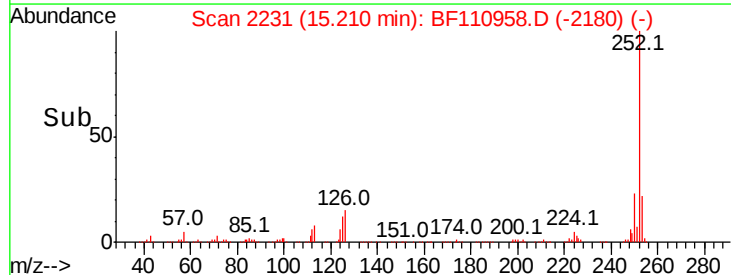
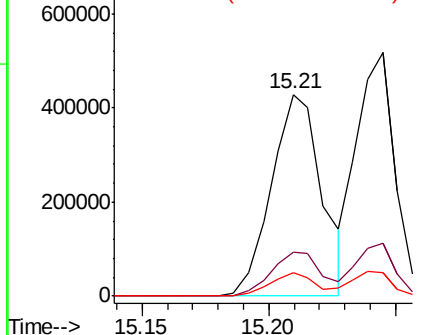


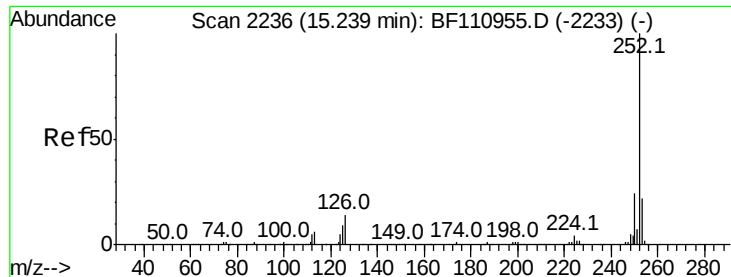
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





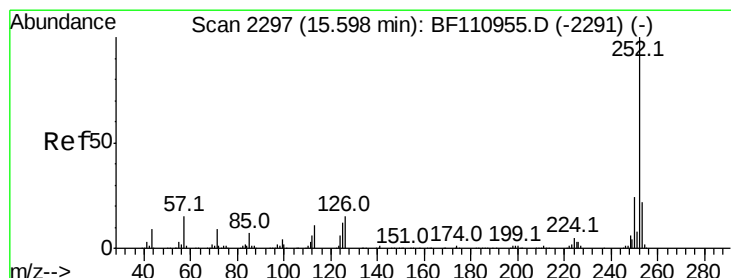
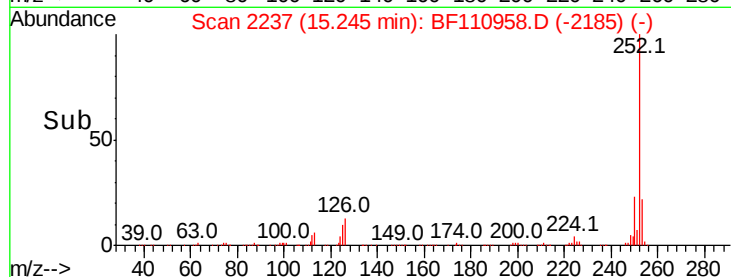
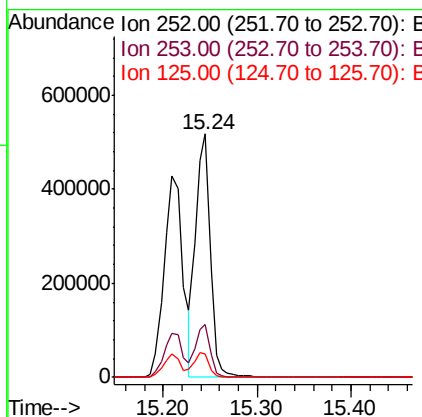
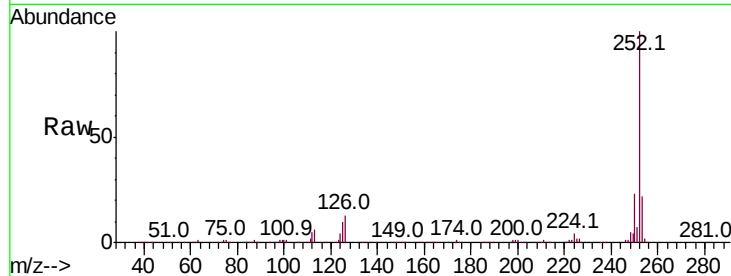
#89
Benzo(k)fluoranthene
Concen: 74.467 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.7	7.4	11.0

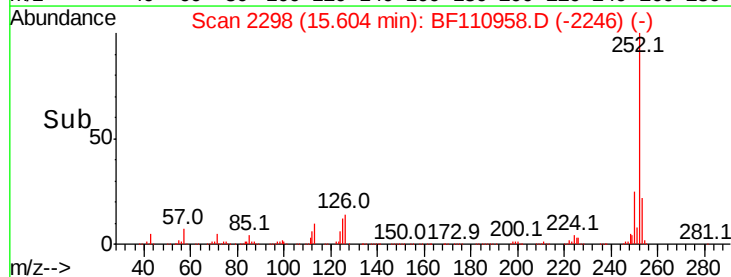
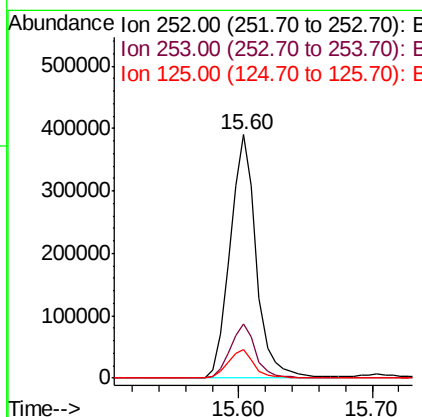
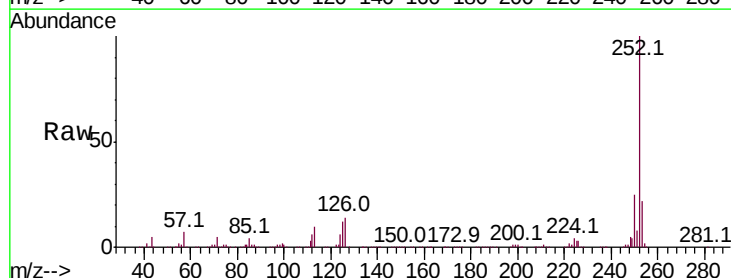
Manual Integrations
APPROVED

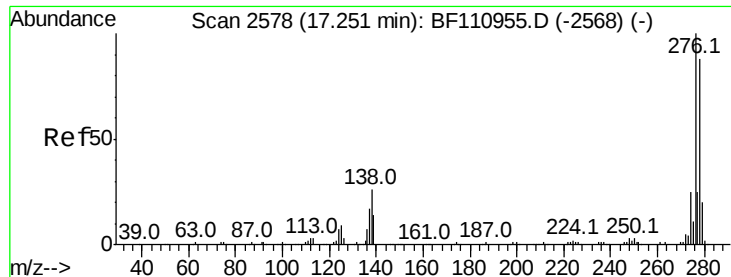
mohammad
11/27/2018 11:36:53 AM



#90
Benzo(a)pyrene
Concen: 78.816 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.6	9.0	13.6





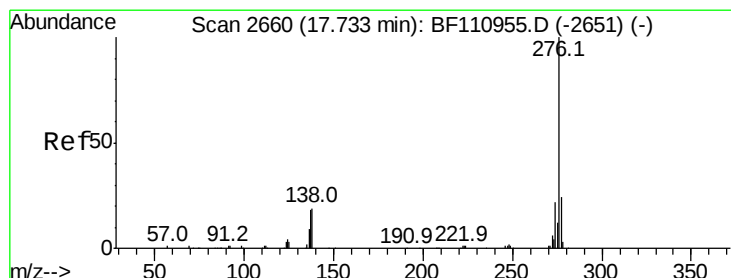
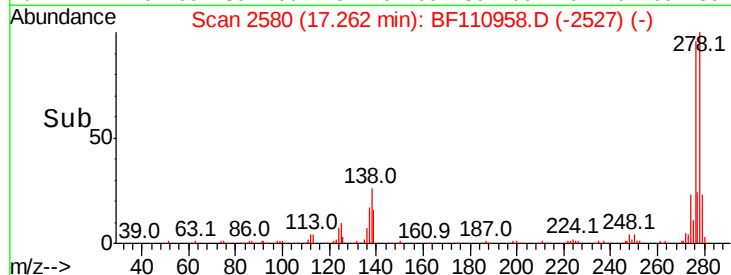
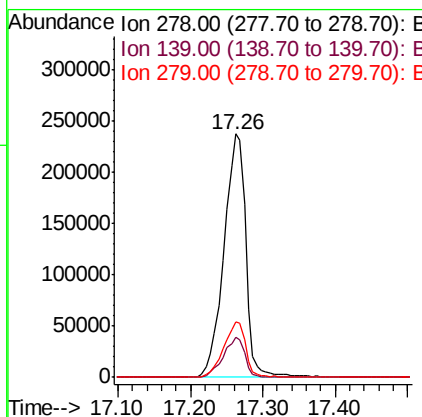
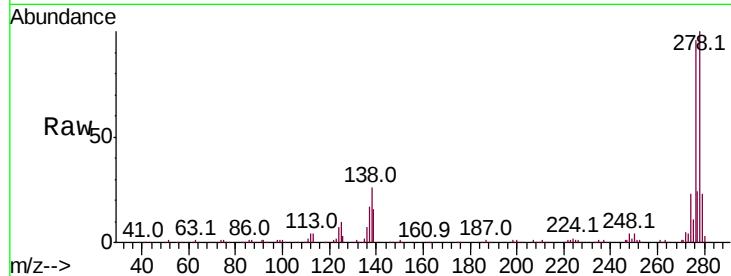
#91
Dibenzo(a,h)anthracene
Concen: 88.825 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	22.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/27/2018 11:36:53 AM



#92
Benzo(g,h,i)perylene
Concen: 91.772 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.01 min
Lab File: BF110958.D
Acq: 26 Nov 2018 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	20.6	16.0	24.0

