

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111806.D
 Acq On : 2 Jan 2019 12:54
 Operator : JU/SJ
 Sample : PB116072BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Manual Integrations
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Sohil
 1/3/2019 10:59:31 AM

Quant Time: Jan 02 14:22:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152609	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	583576	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	301731	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	587578	20.00	ng	0.01
76) Chrysene-d12	14.07	240	420873	20.00	ng	0.02
87) Perylene-d12	15.56	264	288951	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	983540	109.85	ng	0.04
7) Phenol-d6	6.55	99	1249902	109.70	ng	0.03
23) Nitrobenzene-d5	7.46	82	706155	70.43	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	425132	119.25	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1407731	68.00	ng	0.00
79) Terphenyl-d14	13.01	244	1696058	76.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	222500	52.821	ng	97
3) Pyridine	3.55	79	420704	38.335	ng	97
4) n-Nitrosodimethylamine	3.50	42	233135	43.408	ng	# 86
6) Aniline	6.56	93	436275	30.038	ng	# 1
8) 2-Chlorophenol	6.70	128	430734	43.430	ng	98
9) Benzaldehyde	6.45	77	101818	12.993	ng	99
10) Phenol	6.56	94	505554	39.324	ng	# 68
11) bis(2-Chloroethyl)ether	6.63	93	401845	41.712	ng	95
12) 1,3-Dichlorobenzene	6.85	146	481651	41.906	ng	97
13) 1,4-Dichlorobenzene	6.92	146	488897	41.942	ng	99
14) 1,2-Dichlorobenzene	7.07	146	460377	42.332	ng	99
15) Benzyl Alcohol	7.05	79	390234	43.123	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	660215	37.210	ng	73
17) 2-Methylphenol	7.17	107	345597	43.518	ng	# 88
18) Hexachloroethane	7.42	117	174764	44.492	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	308905	40.822	ng	99
20) 3+4-Methylphenols	7.32	107	441503	43.998	ng	# 85
22) Acetophenone	7.31	105	581009	39.299	ng	# 93
24) Nitrobenzene	7.48	77	463065	44.068	ng	97
25) Isophorone	7.72	82	821955	46.181	ng	99
26) 2-Nitrophenol	7.80	139	230148	54.004	ng	95
27) 2,4-Dimethylphenol	7.85	122	380834	45.333	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	509804	43.043	ng	98
29) 2,4-Dichlorophenol	8.05	162	392900	43.482	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	414818	41.197	ng	98
31) Naphthalene	8.21	128	1269293	45.267	ng	97
32) Benzoic acid	7.94	122	71160	12.811	ng	93
33) 4-Chloroaniline	8.25	127	313036	25.829	ng	99
34) Hexachlorobutadiene	8.33	225	253272	41.271	ng	98
35) Caprolactam	8.62	113	114445m	37.378	ng	
36) 4-Chloro-3-methylphenol	8.75	107	388928	43.787	ng	98
37) 2-Methylnaphthalene	8.90	142	865169	47.425	ng	98
38) 1-Methylnaphthalene	9.00	142	819351	46.765	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	415501	41.907	ng	98

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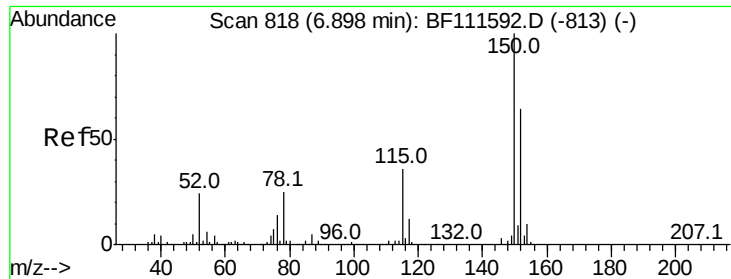
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	533189	110.820	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	278116	42.014	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	291693	42.952	nq	91
46) 1,1'-Biphenyl	9.36	154	1054923	41.417	nq	95
47) 2-Chloronaphthalene	9.39	162	826127	40.938	nq	94
48) 2-Nitroaniline	9.48	65	256369	48.833	nq	100
49) Acenaphthylene	9.81	152	1329279	45.115	nq	95
50) Dimethylphthalate	9.66	163	986956	44.730	nq	97
51) 2,6-Dinitrotoluene	9.72	165	220366	50.087	nq	95
52) Acenaphthene	9.98	154	851289	46.845	nq	97
53) 3-Nitroaniline	9.89	138	164545	35.068	nq	93
54) 2,4-Dinitrophenol	10.00	184	141858	98.599	nq	94
55) Dibenzofuran	10.15	168	1182634	43.076	nq	95
56) 4-Nitrophenol	10.07	139	330354	92.254	nq	90
57) 2,4-Dinitrotoluene	10.13	165	296461	56.065	nq	# 97
58) Fluorene	10.49	166	932257	47.123	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	258648	45.257	nq	90
60) Diethylphthalate	10.36	149	957931	44.258	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	468519	42.865	nq	95
62) 4-Nitroaniline	10.51	138	224193	49.160	nq	91
63) Azobenzene	10.65	77	907550	41.767	nq	93
65) 4,6-Dinitro-2-methylphenol	10.54	198	118055	48.528	nq	# 77
66) n-Nitrosodiphenylamine	10.60	169	819516	41.549	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	303281	41.615	nq	# 89
68) Hexachlorobenzene	11.04	284	335688	41.311	nq	98
69) Atrazine	11.13	200	274822	40.107	nq	96
70) Pentachlorophenol	11.24	266	295836	58.891	nq	97
71) Phenanthrene	11.46	178	1384097	44.417	nq	95
72) Anthracene	11.51	178	1415670	45.261	nq	96
73) Carbazole	11.66	167	1226537	40.391	nq	96
74) Di-n-butylphthalate	11.99	149	1481478	43.512	nq	96
75) Fluoranthene	12.64	202	1399652	44.355	nq	96
77) Benzidine	12.76	184	465121	29.369	nq	96
78) Pyrene	12.87	202	1390539	46.786	nq	96
80) Butylbenzylphthalate	13.48	149	571905	47.206	nq	94
81) Benzo(a)anthracene	14.06	228	1110493	46.234	nq	98
82) 3,3'-Dichlorobenzidine	14.02	252	254095	26.775	nq	# 98
83) Chrysene	14.10	228	1013303	42.924	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	731759	47.952	nq	# 97
85) Di-n-octyl phthalate	14.66	149	1033141	43.697	nq	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	904379	45.065	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	800208	47.385	nq	# 95
89) Benzo(k)fluoranthene	15.15	252	770417	47.919	nq	# 96
90) Benzo(a)pyrene	15.50	252	731315	47.666	nq	# 93
91) Dibenzo(a,h)anthracene	17.08	278	748903	55.743	nq	# 90
92) Benzo(g,h,i)perylene	17.53	276	770999	58.770	nq	# 87

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



#1

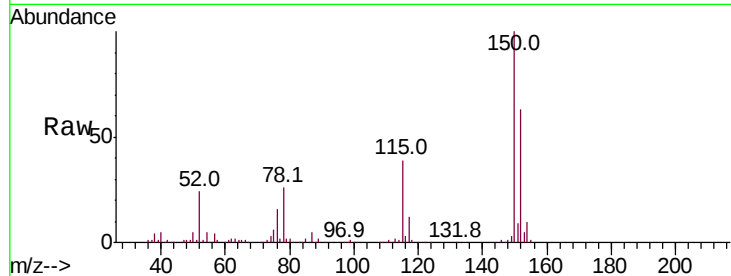
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	61.8	50.7	76.1

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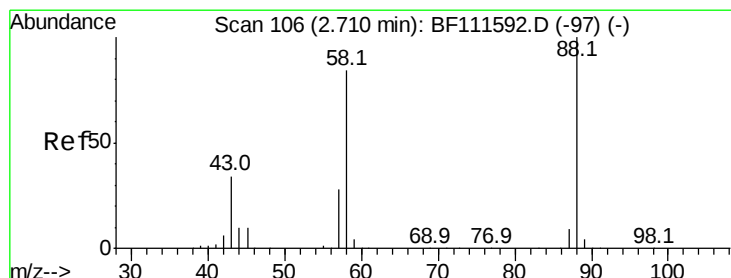
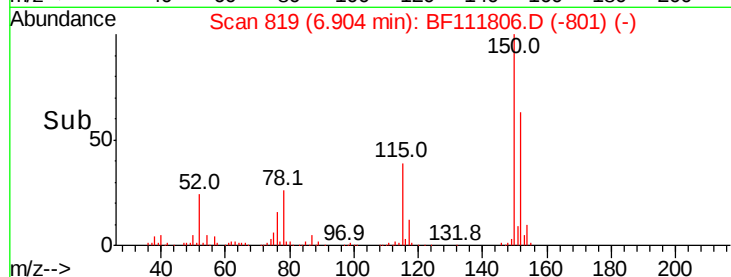
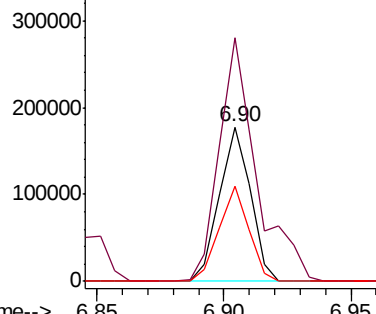


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

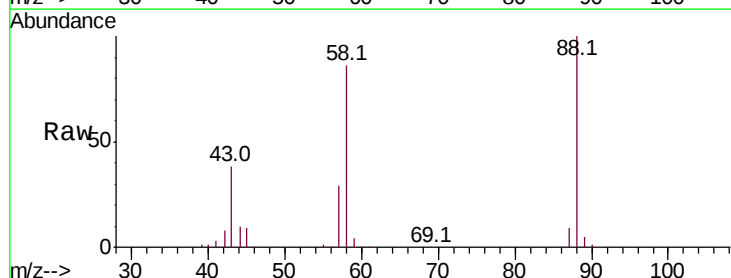
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.821 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.10 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.9	103.3
43	36.2	25.8	38.6

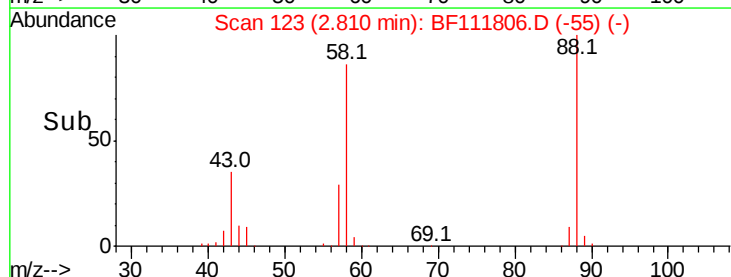
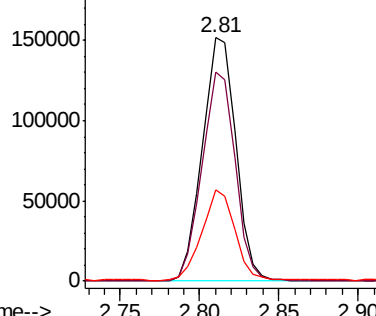


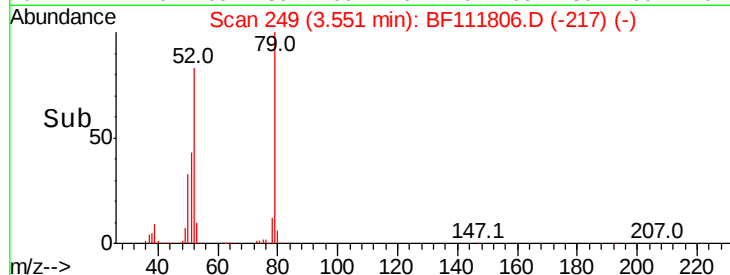
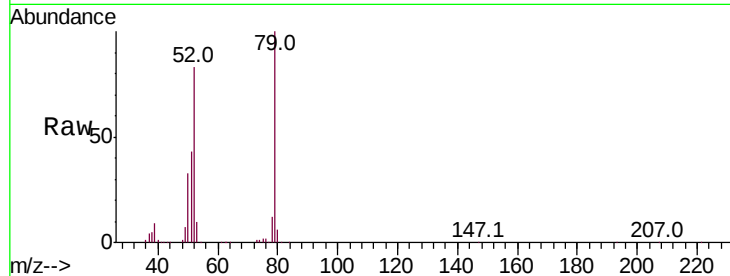
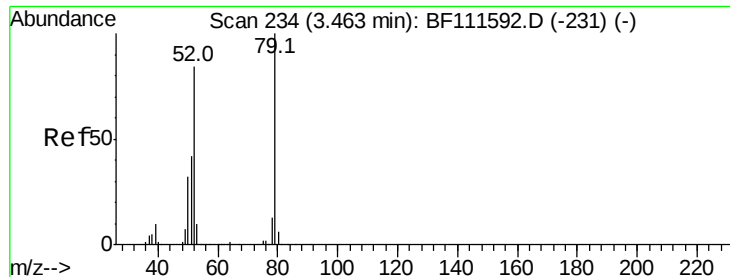
Abundance

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





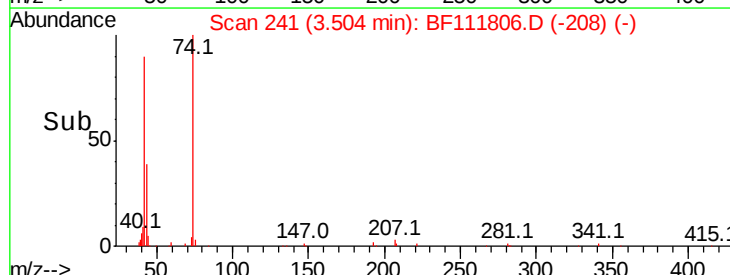
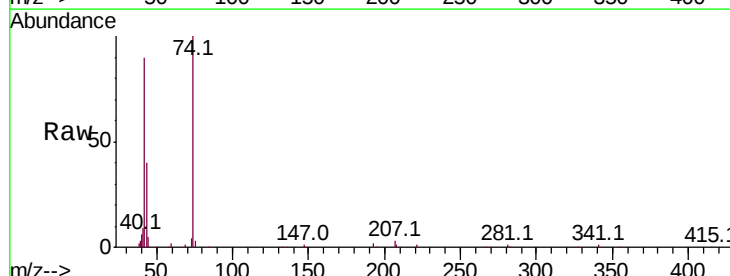
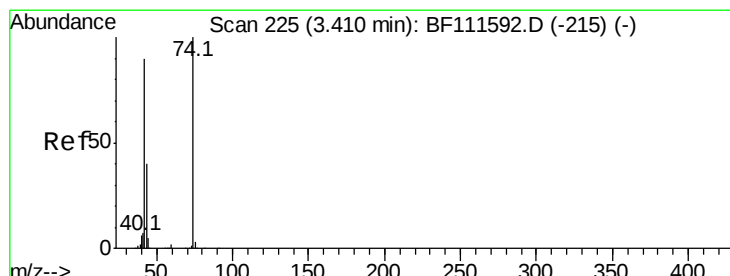
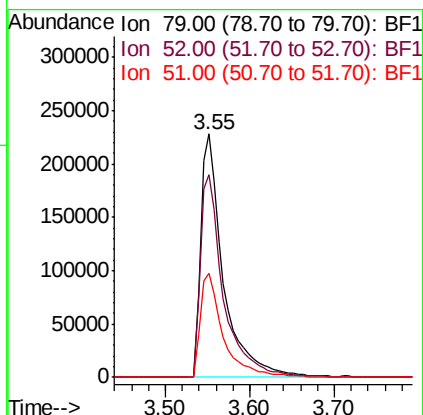
#3
Pvridine
Concen: 38.335 ng
RT: 3.55 min Scan# 249
Delta R.T. 0.09 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.1	68.3	102.5
51	43.0	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

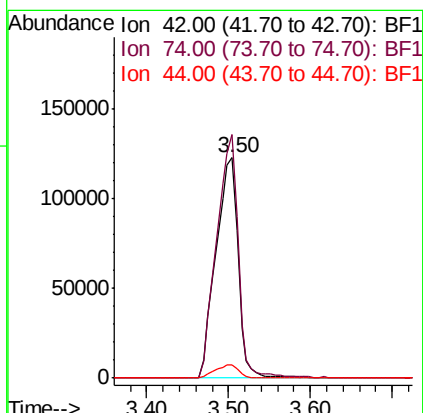
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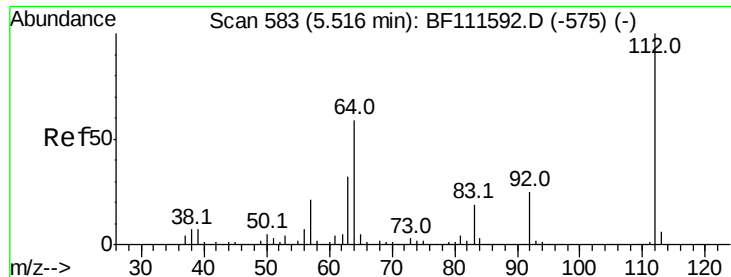
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#4
n-Nitrosodimethylamine
Concen: 43.408 ng
RT: 3.50 min Scan# 241
Delta R.T. 0.09 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.5	101.5	152.3
44	5.8	6.0	9.0#





#5

2-Fluorophenol

Concen: 109.854 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

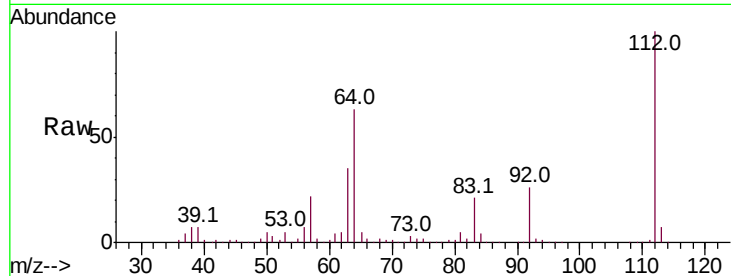
ClientSampleId :

PB116072BSD

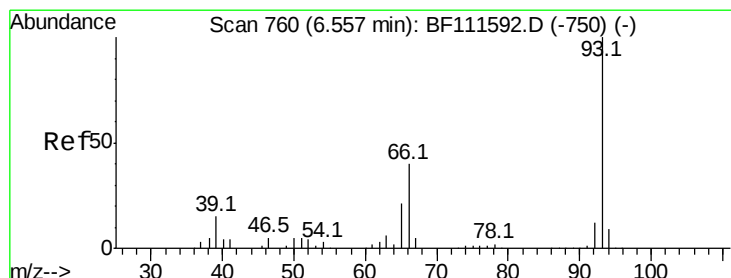
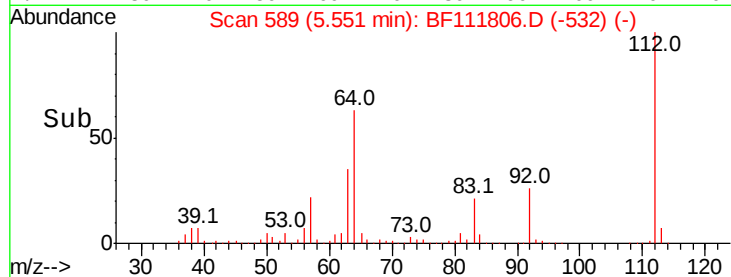
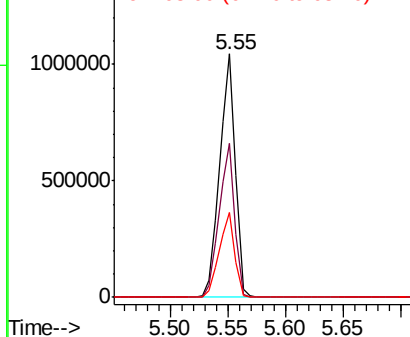
Tot Ion:	112	Resp:	983540
Ion Ratio	Lower	Upper	
112	100		
64	63.1	51.8	77.6
63	34.9	26.8	40.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.038 ng

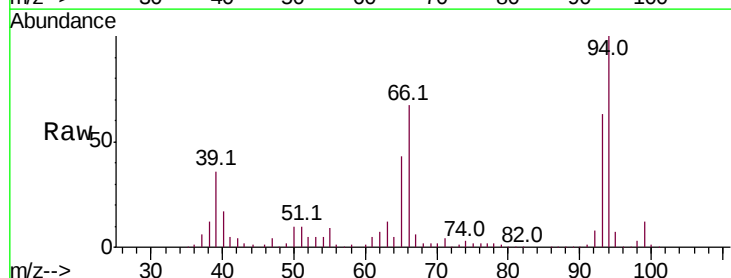
RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

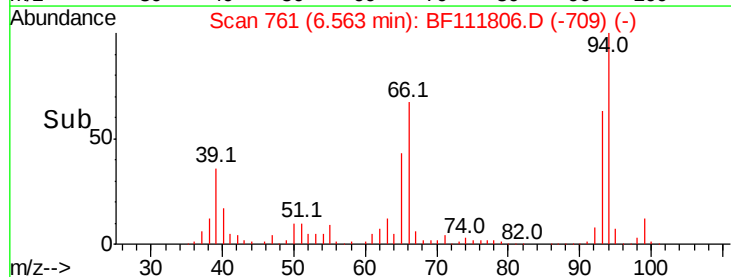
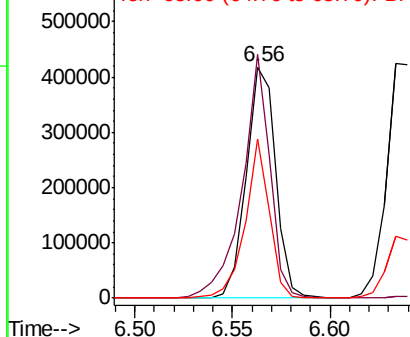
Lab File: BF111806.D

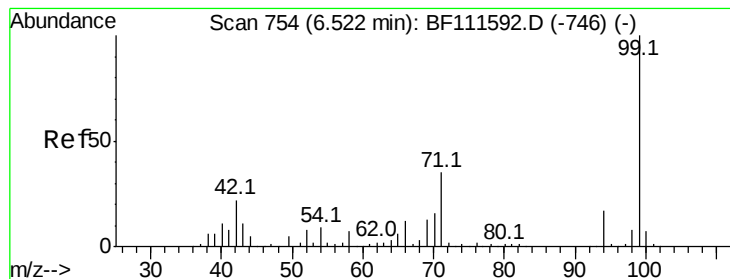
Acq: 2 Jan 2019 12:54

Tgt Ion:	93	Resp:	436275
Ion Ratio	Lower	Upper	
93	100		
66	105.4	33.2	49.8#
65	68.7	17.0	25.4#



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: 109.696 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion: 99 Resp: 1249902

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

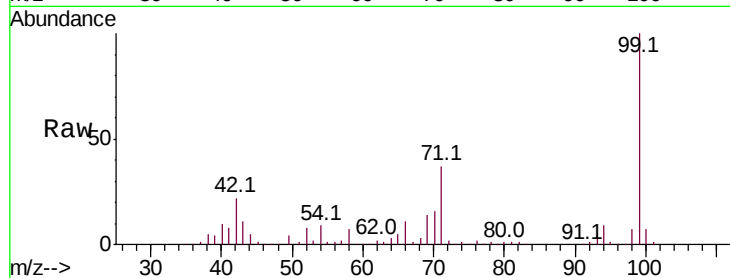
71 37.1 26.1 39.1

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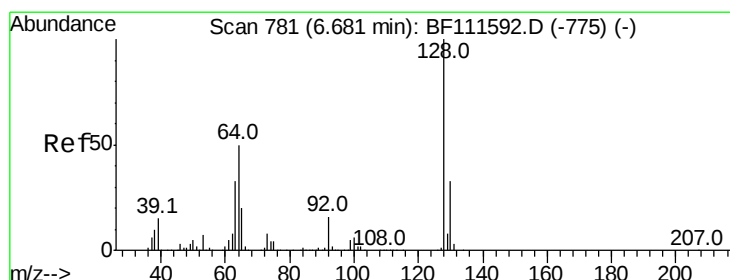
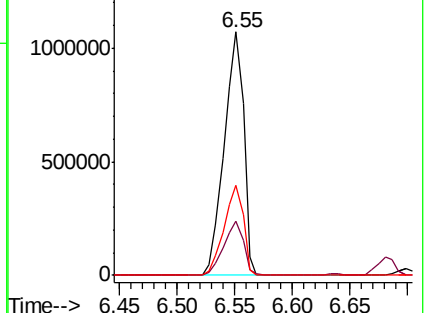
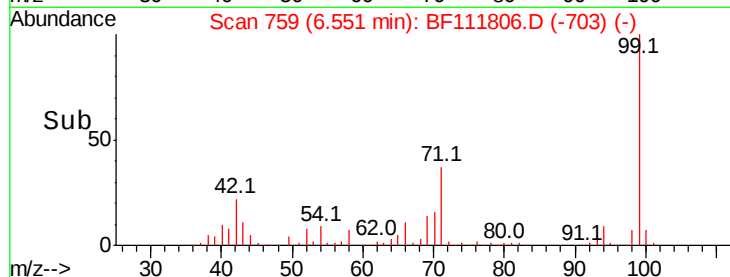
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.430 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

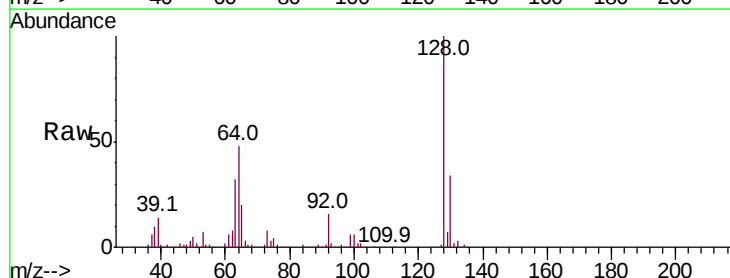
Tgt Ion:128 Resp: 430734

Ion Ratio Lower Upper

128 100

130 33.7 12.7 52.7

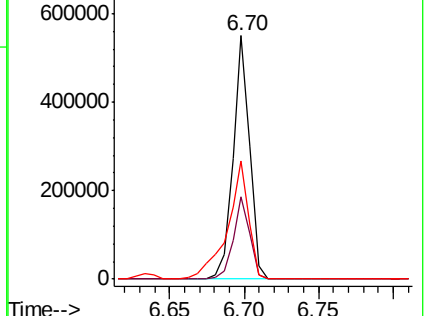
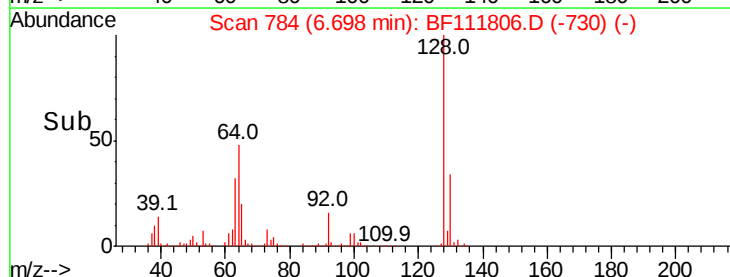
64 48.4 30.0 70.0

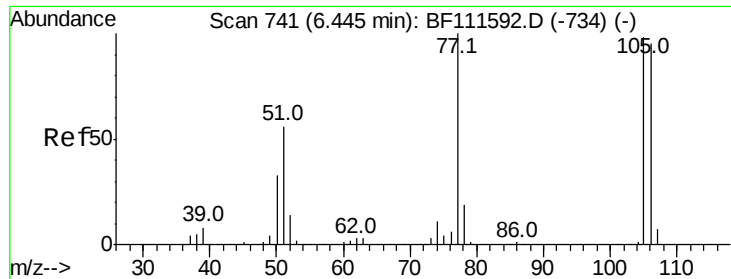


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.993 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

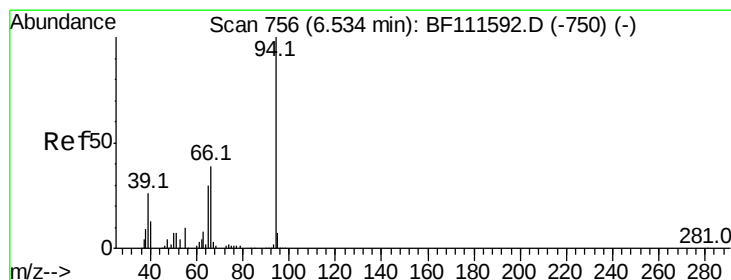
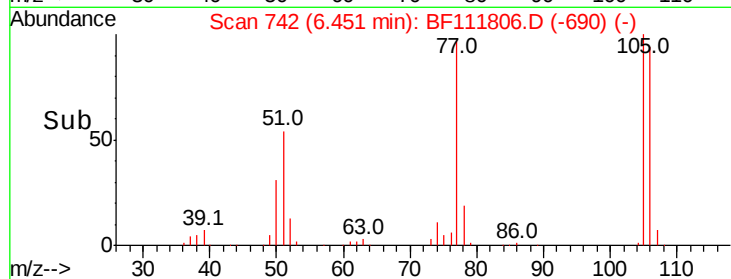
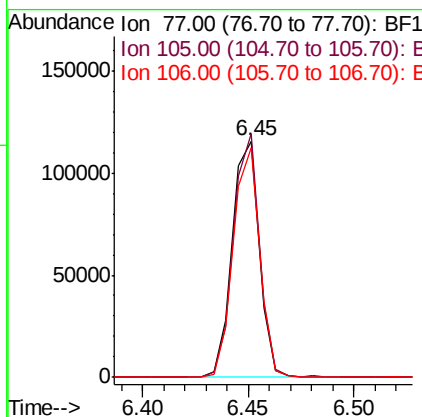
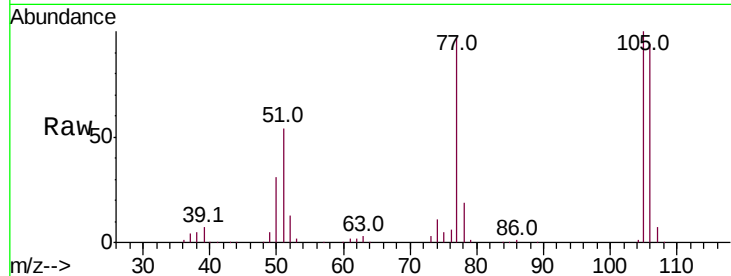
ClientSampleId :

PB116072BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.4	121.4
106	97.1	77.9	117.9

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#10

Phenol

Concen: 39.324 ng

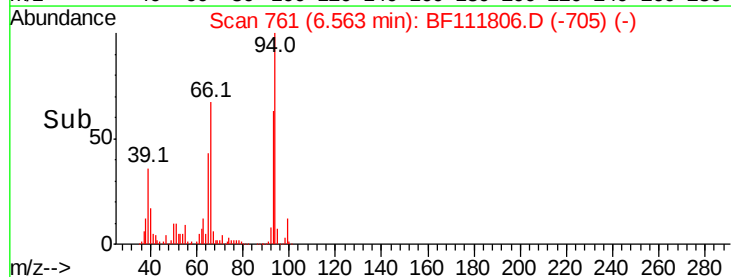
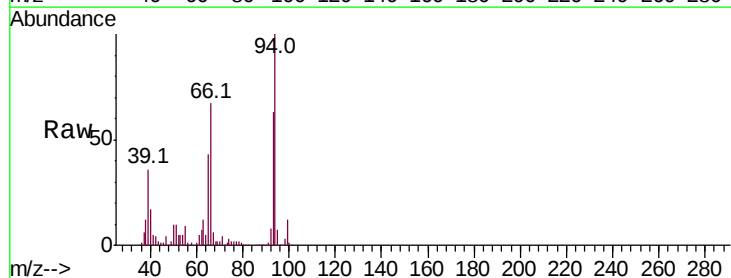
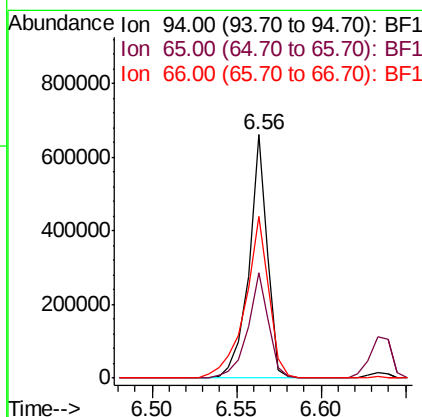
RT: 6.56 min Scan# 761

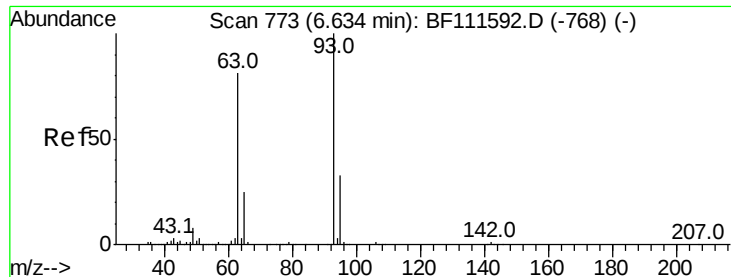
Delta R.T. 0.03 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.4	11.7	51.7
66	66.6	21.0	61.0#





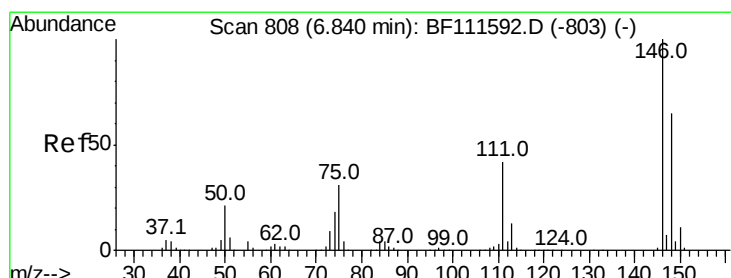
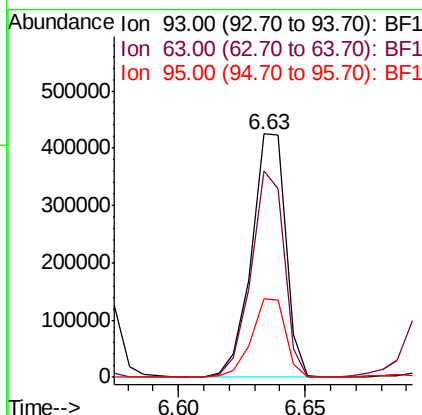
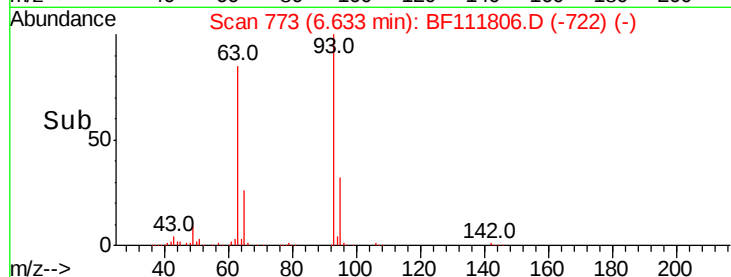
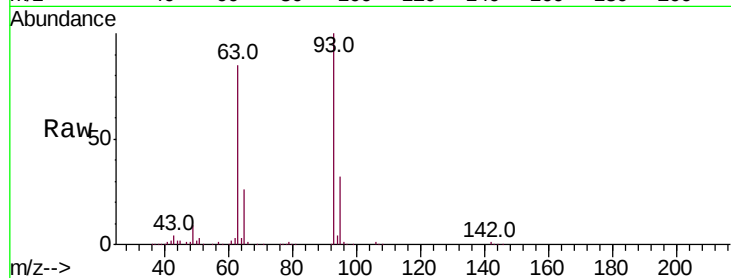
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.0	60.0	100.0	
95	32.2	13.4	53.4	

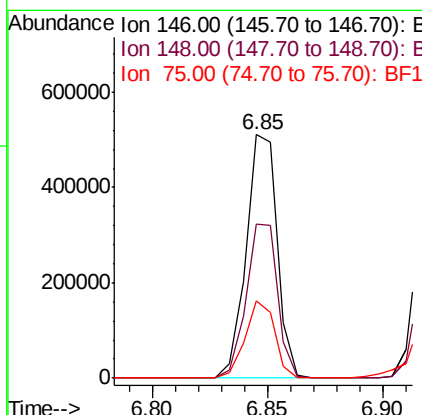
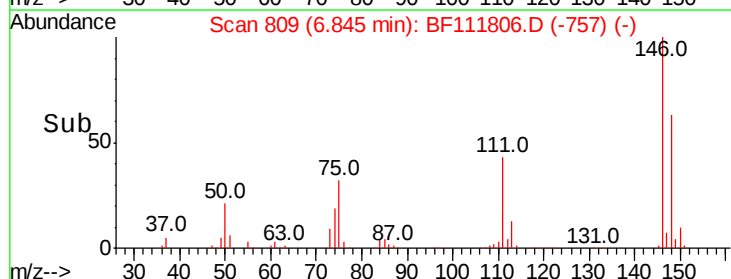
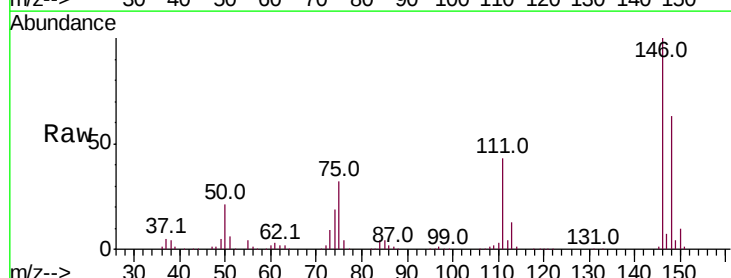
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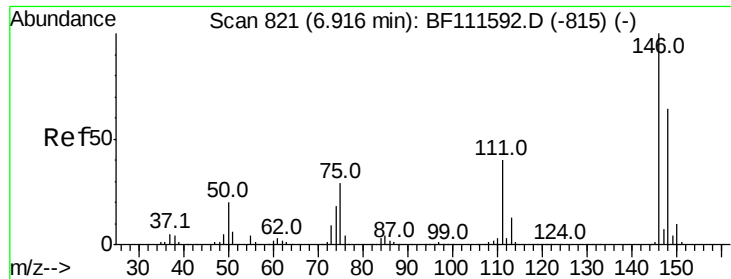
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#12
1,3-Dichlorobenzene
Concen: 41.906 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.5	52.1	78.1	
75	31.8	23.9	35.9	





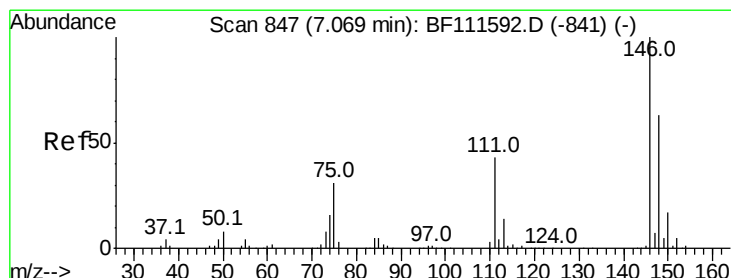
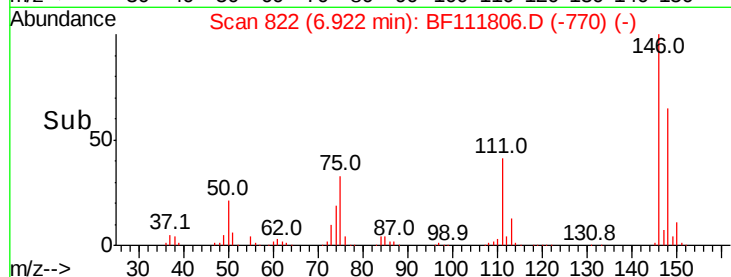
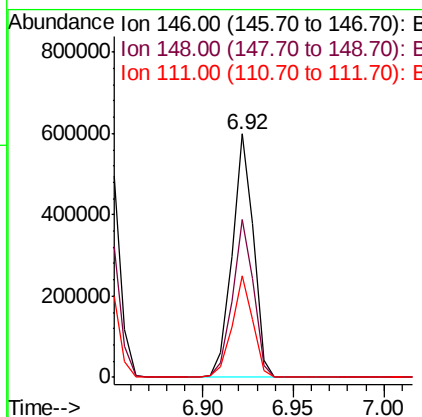
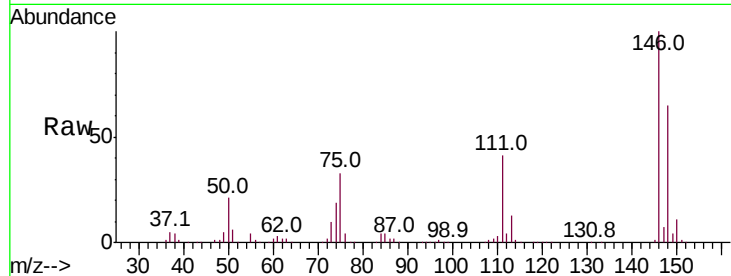
#13
 1,4-Dichlorobenzene
 Concen: 41.942 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.8	79.2
111	41.5	33.4	50.0

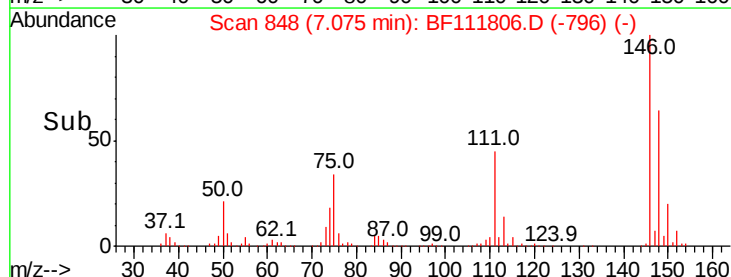
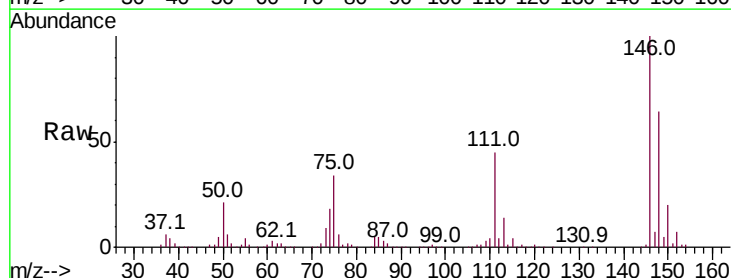
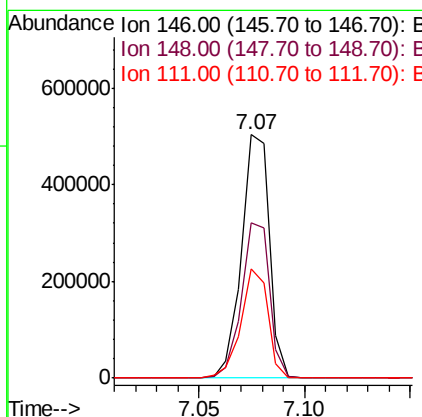
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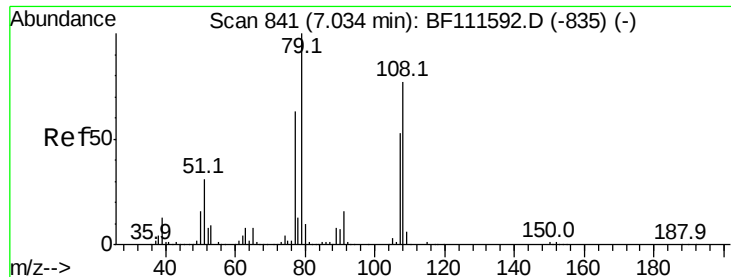
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.332 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	45.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 43.123 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleID :

PB116072BSD

Tot Ion: 79 Resp: 390234

Ion Ratio Lower Upper

79 100

108 75.8 69.4 104.2

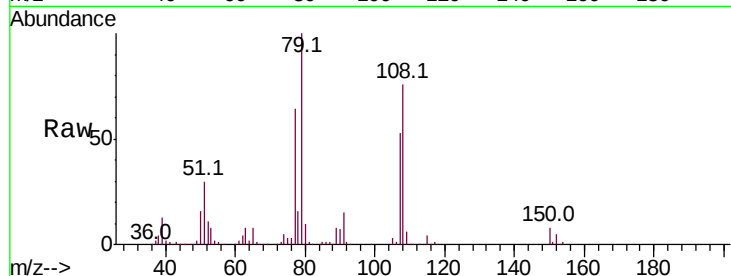
77 63.6 49.7 74.5

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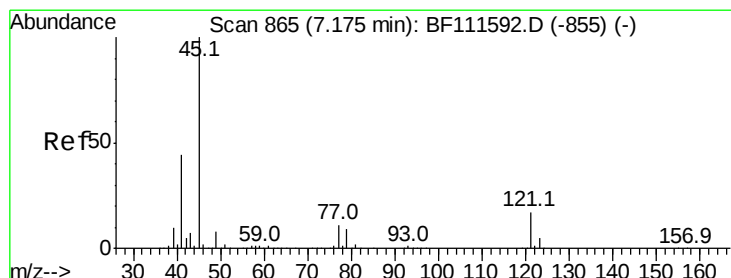
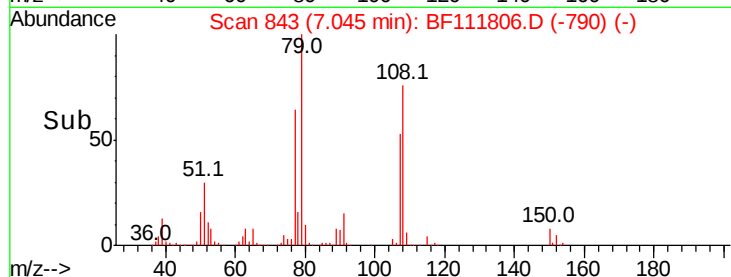
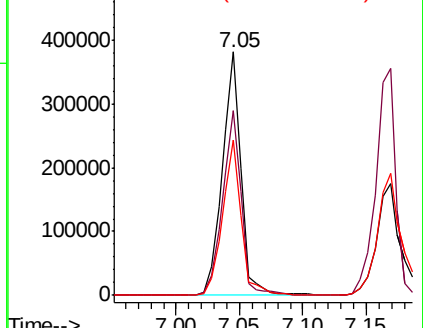
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Abundance Ion 79.00 (78.70 to 79.70): BF1

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: 37.210 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

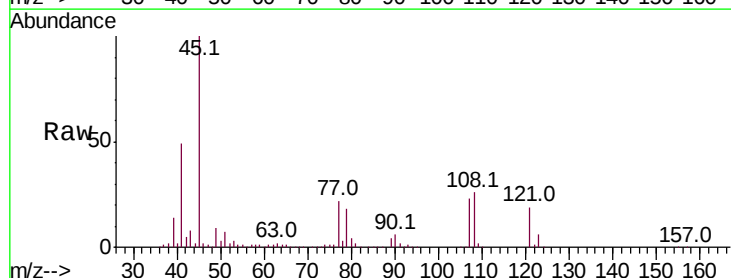
Tgt Ion: 45 Resp: 660215

Ion Ratio Lower Upper

45 100

77 22.4 0.0 31.5

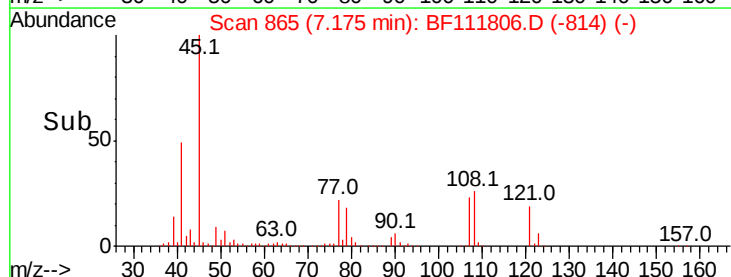
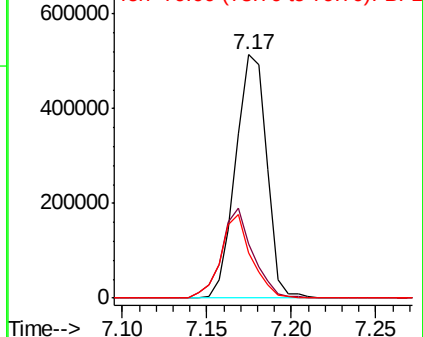
79 18.4 0.0 28.9

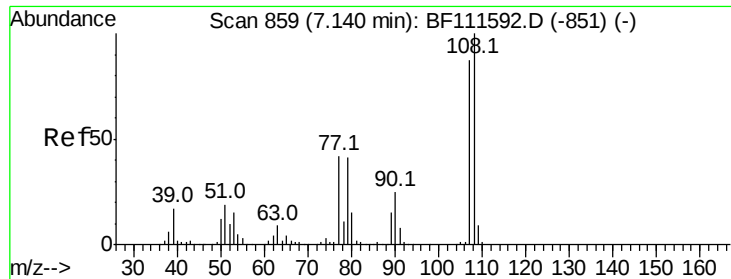


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





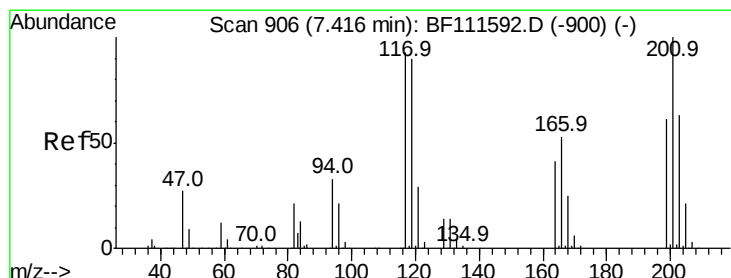
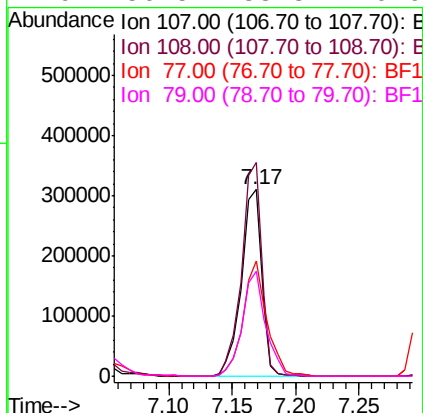
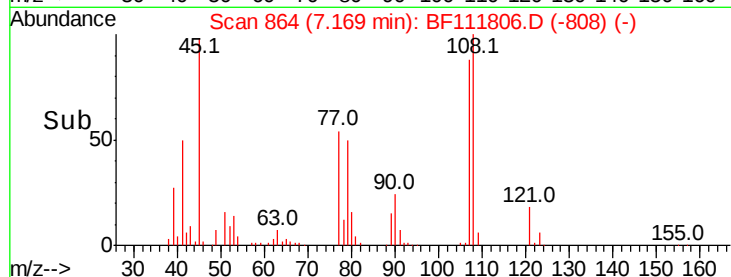
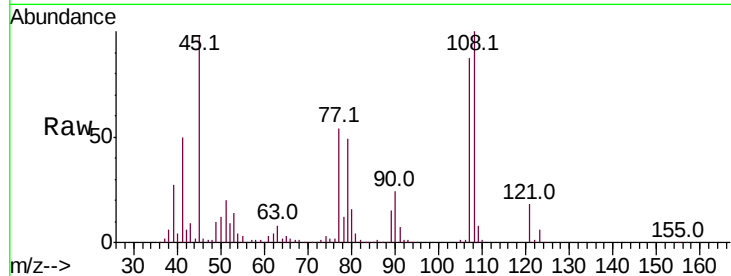
#17
2-Methylphenol
Concen: 43.518 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleID :
PB116072BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.3	91.0	136.4
77	61.6	33.5	50.3#
79	56.5	33.3	49.9#

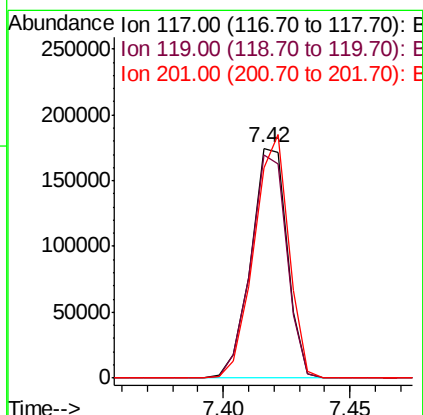
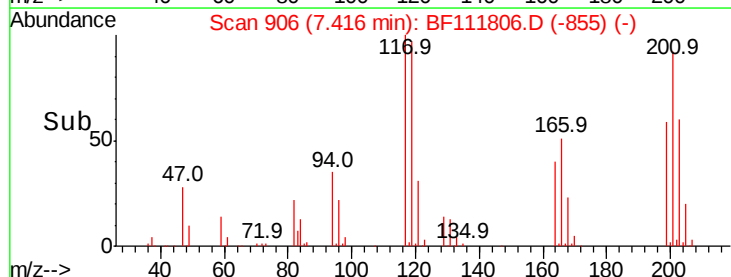
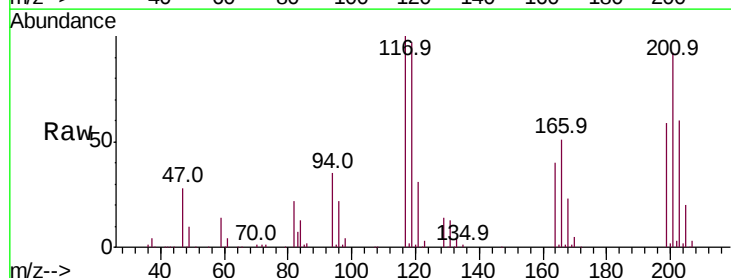
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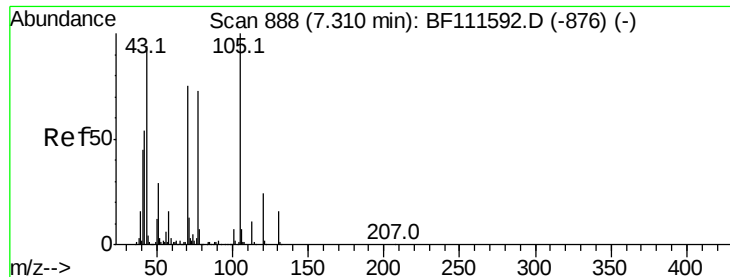
Sohil
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#18
Hexachloroethane
Concen: 44.492 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	96.9	75.4	113.0
201	91.5	62.4	93.6





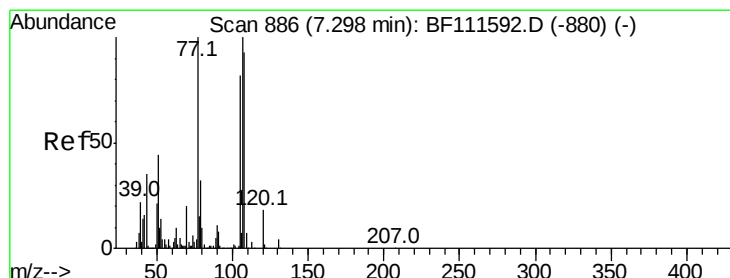
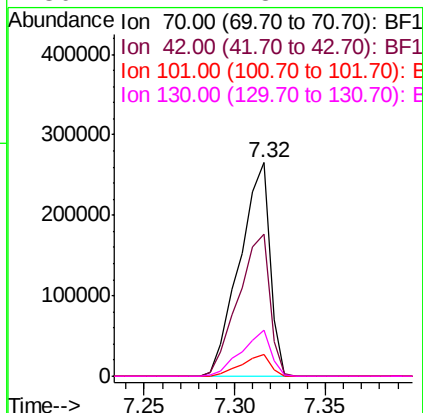
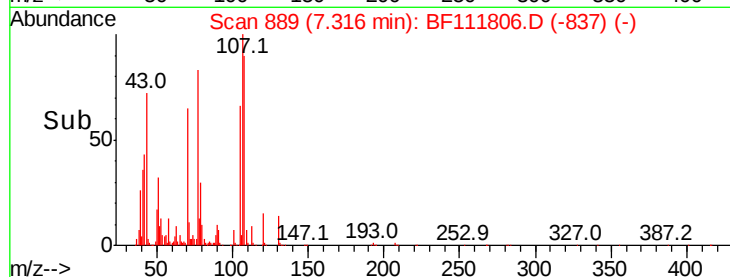
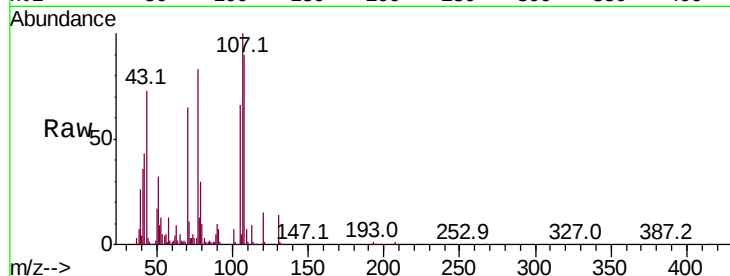
#19
n-Nitroso-di-n-propylamine
Concen: 40.822 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	53.2	79.8
101	10.1	8.2	12.4
130	21.4	18.1	27.1

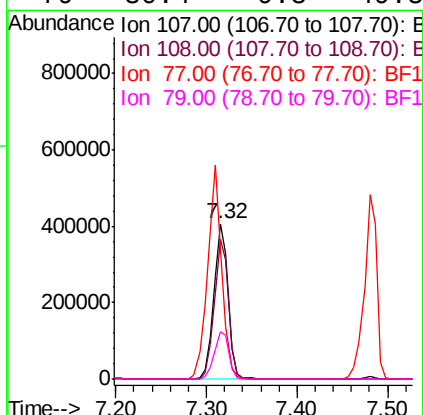
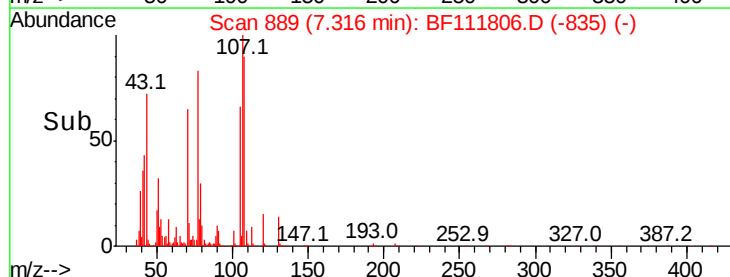
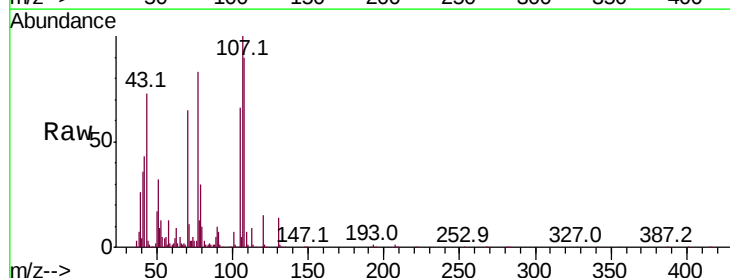
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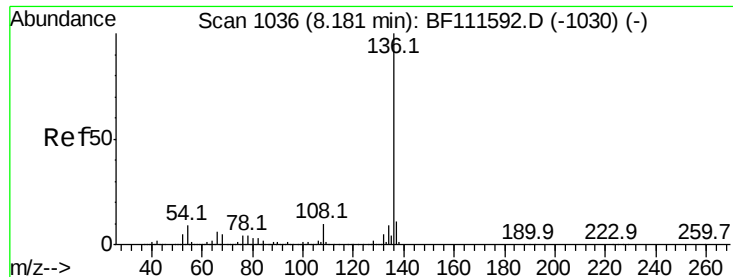
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#20
3+4-Methylphenols
Concen: 43.998 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.1	112.1
77	82.8	94.1	134.1#
79	30.4	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

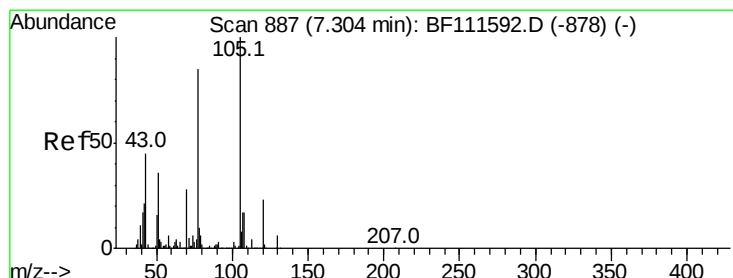
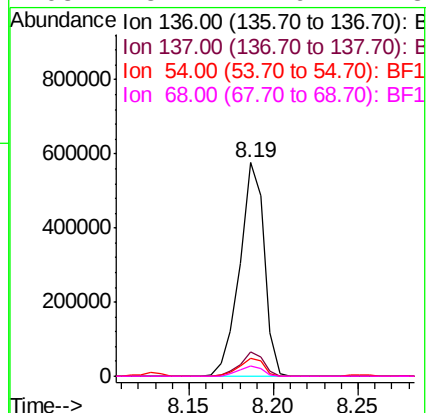
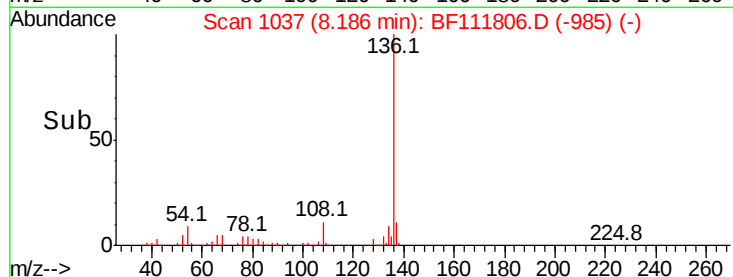
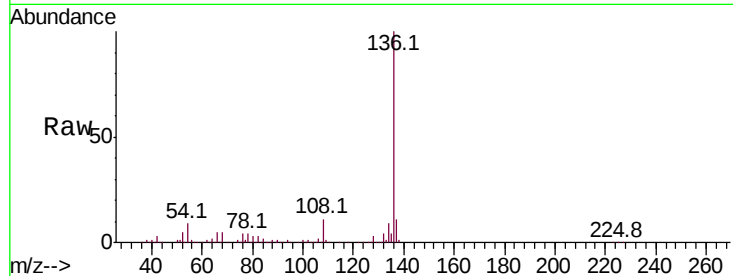
ClientSampleId :

PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	8.6	7.7	11.5	
68	5.1	4.9	7.3	

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#22

Acetophenone

Concen: 39.299 ng

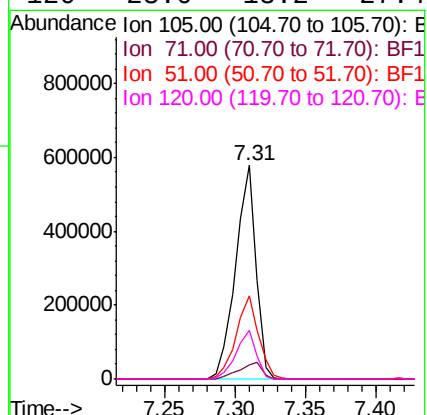
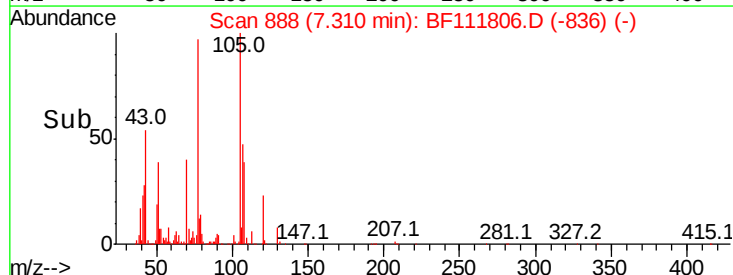
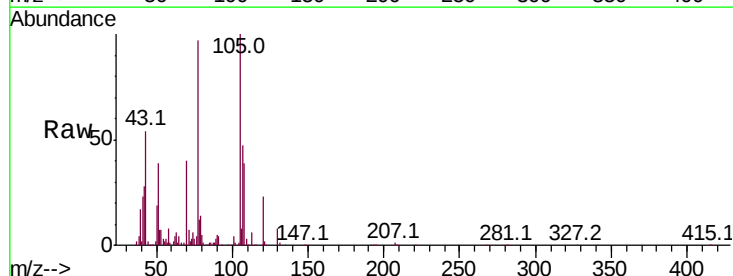
RT: 7.31 min Scan# 888

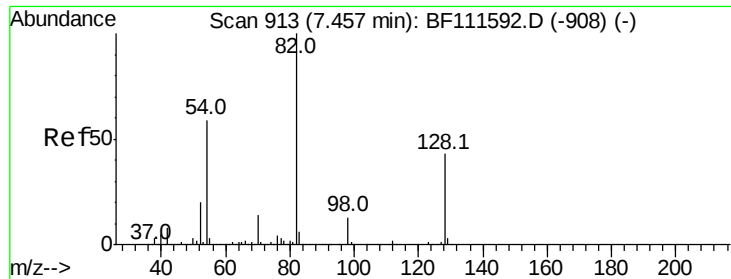
Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.6	3.1	4.7#	
51	39.0	36.6	54.8	
120	23.0	18.2	27.4	





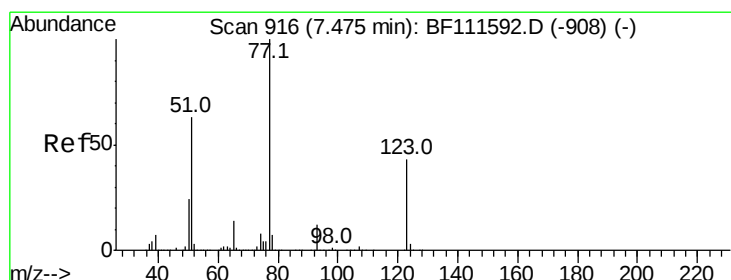
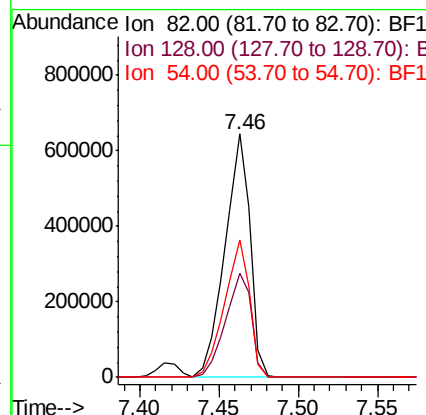
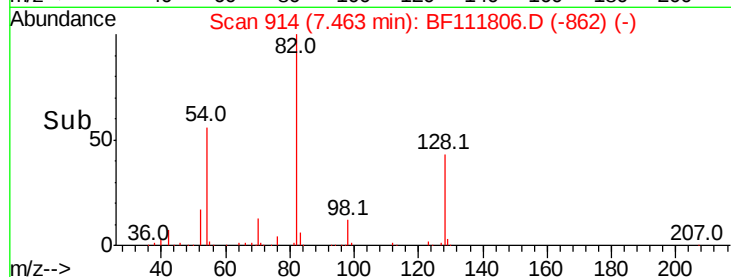
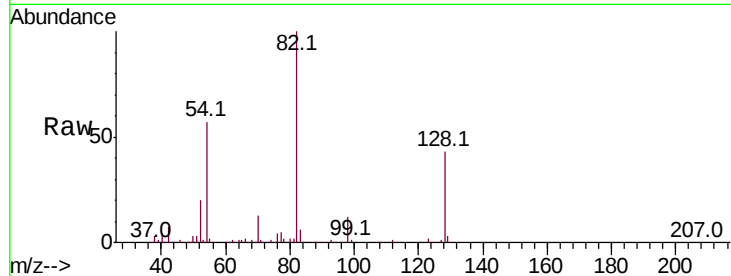
#23
 Nitrobenzene-d5
 Concen: 70.434 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.4	56.2
54	56.6	47.6	71.4

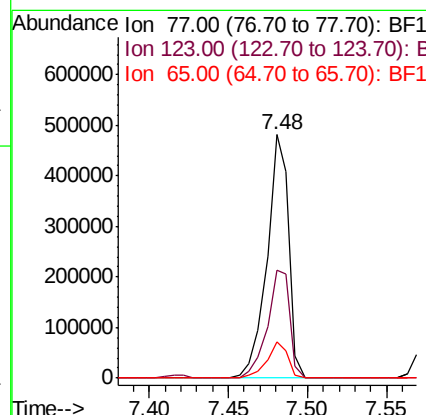
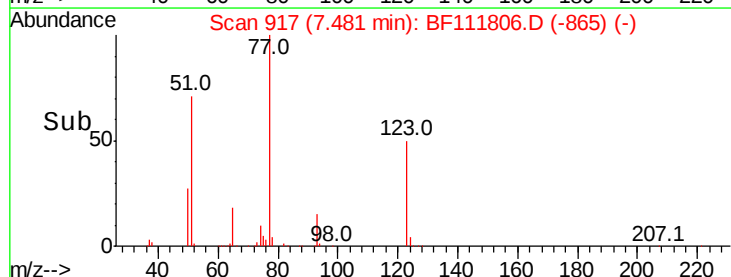
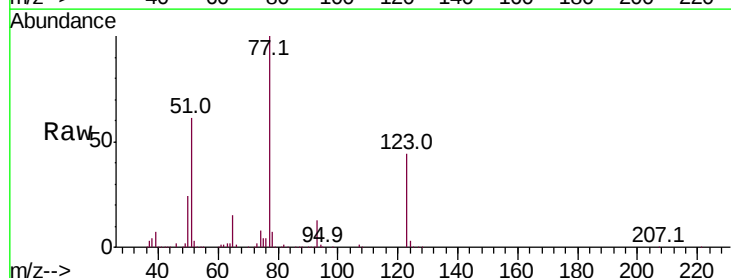
Manual Integrations
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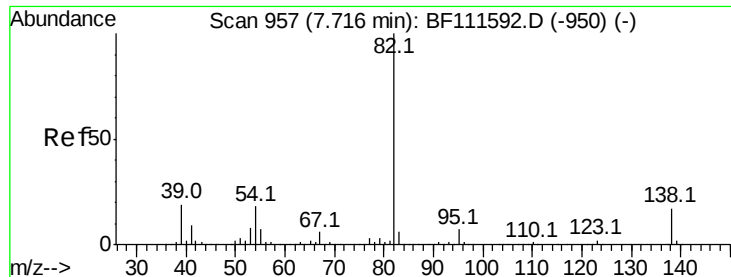
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#24
 Nitrobenzene
 Concen: 44.068 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.2	55.8
65	15.1	11.5	17.3





#25

Isophorone

Concen: 46.181 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

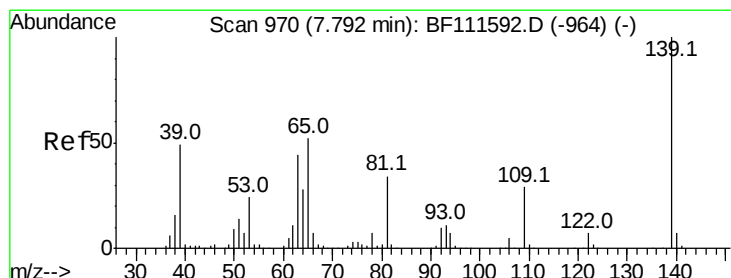
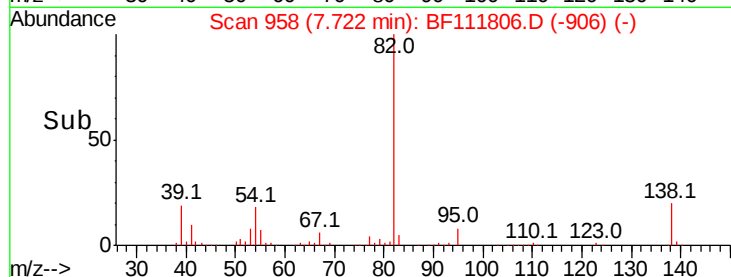
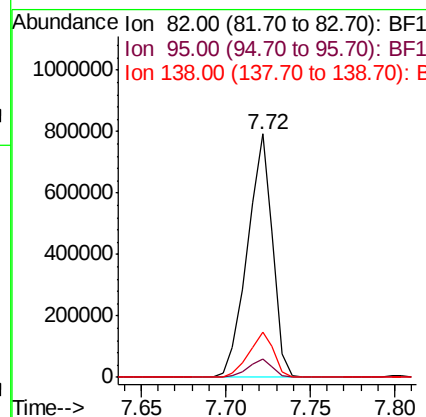
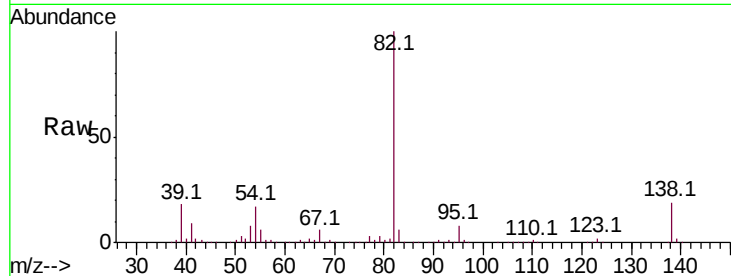
ClientSampleId :

PB116072BSD

Tot Ion:	82	Resp:	821955
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	18.7	15.1	22.7

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#26

2-Nitrophenol

Concen: 54.004 ng

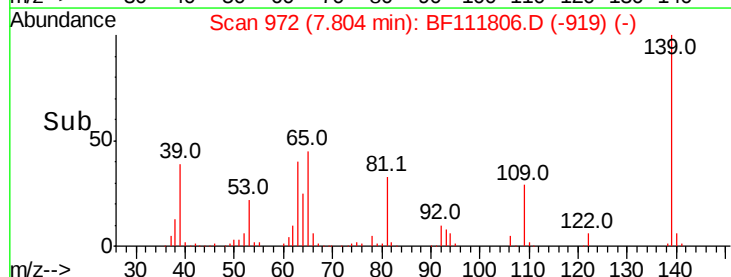
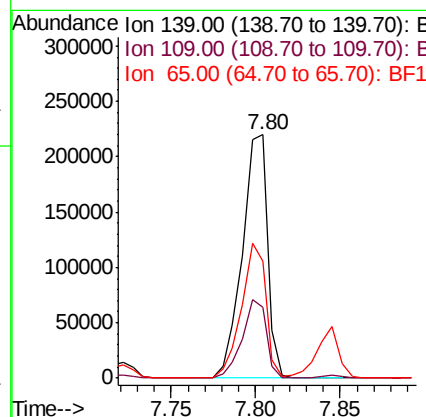
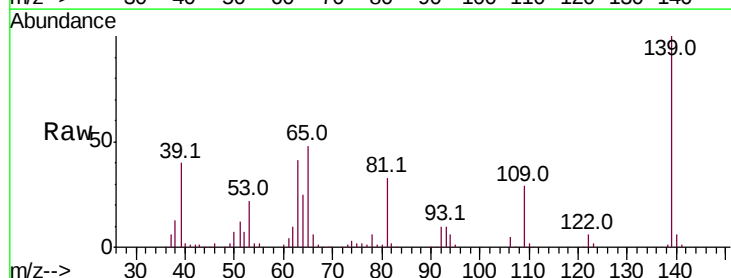
RT: 7.80 min Scan# 972

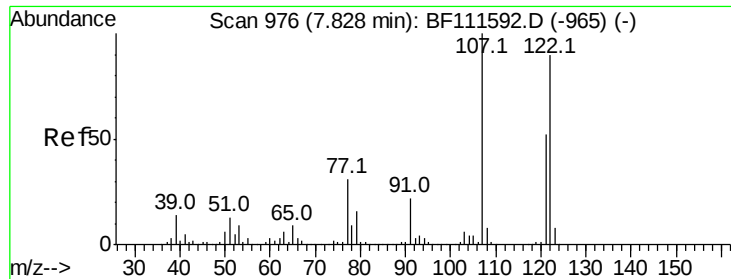
Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:	139	Resp:	230148
Ion Ratio	Lower	Upper	
139	100		
109	29.1	20.2	30.4
65	48.1	40.7	61.1





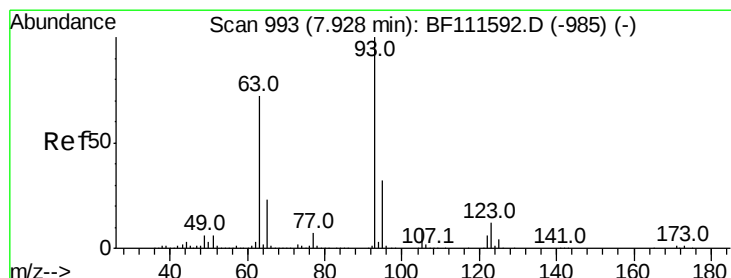
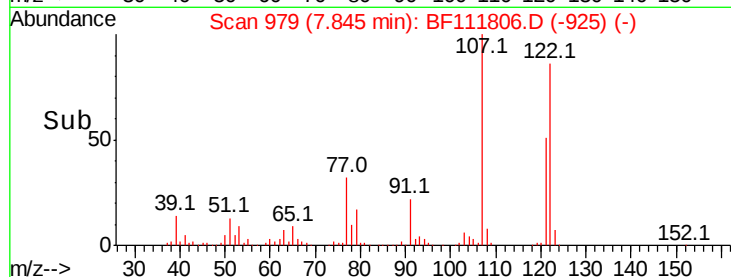
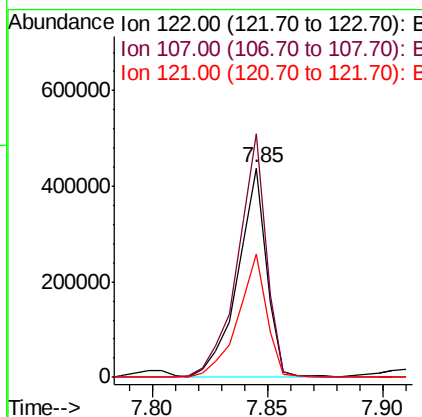
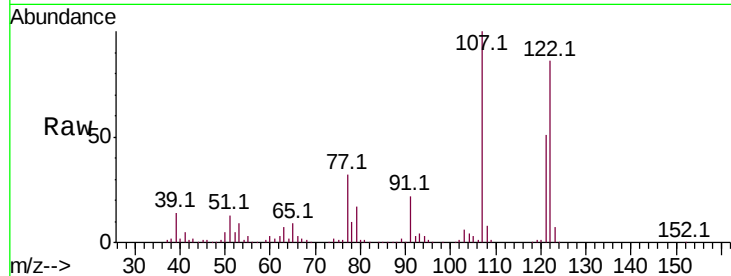
#27
2,4-Dimethylphenol
Concen: 45.333 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	85.5	128.3
121	58.9	46.6	70.0

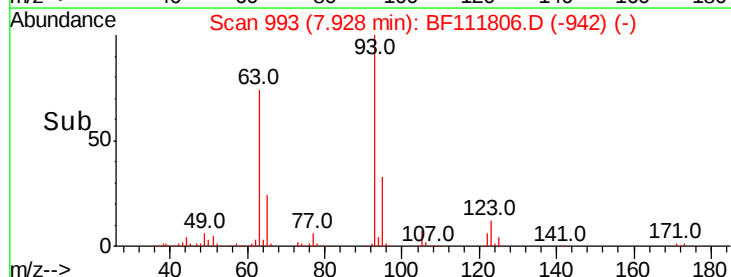
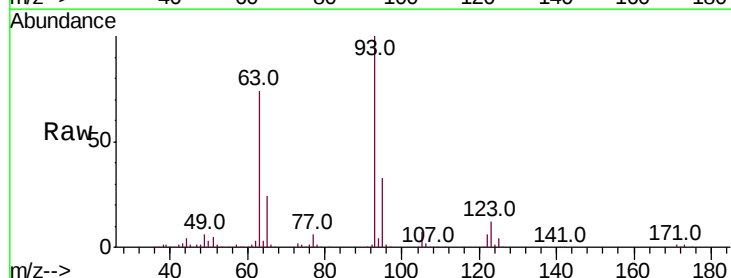
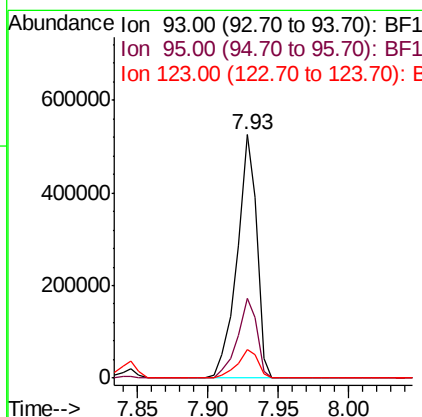
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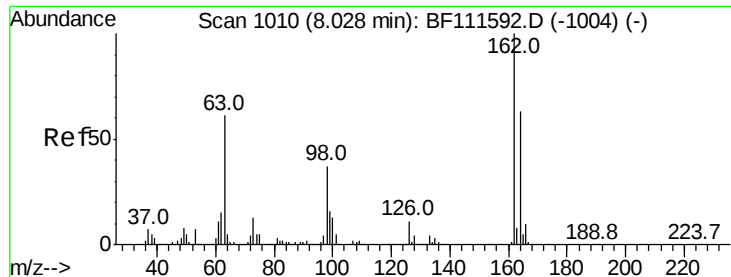
Sohil
1/3/2019 10:59:31 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.043 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	11.7	9.9	14.9





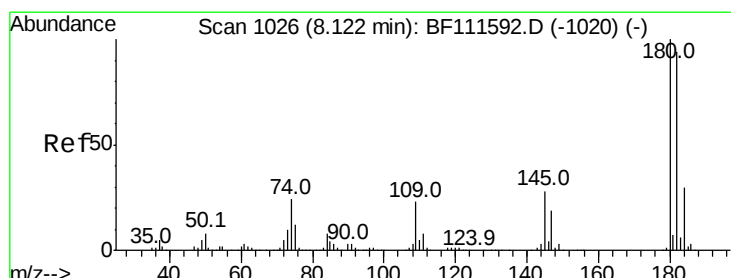
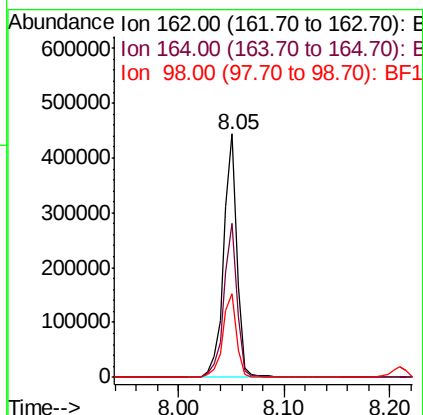
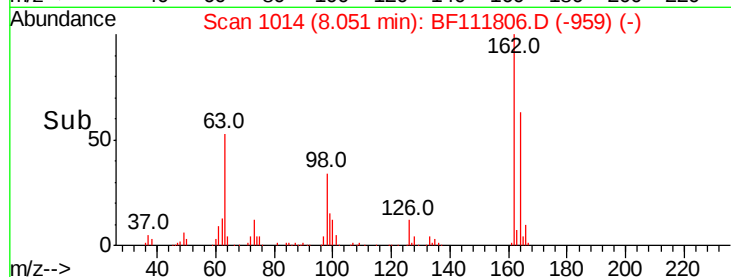
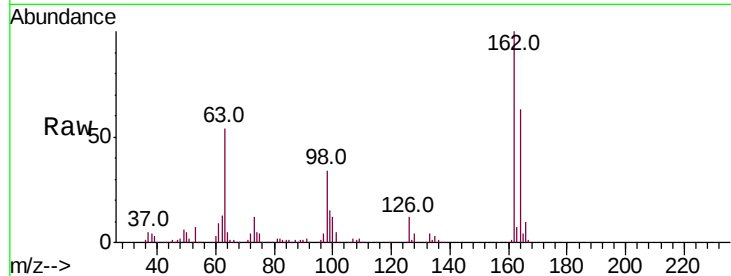
#29
2,4-Dichlorophenol
Concen: 43.482 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	44.4	84.4
98	34.4	20.3	60.3

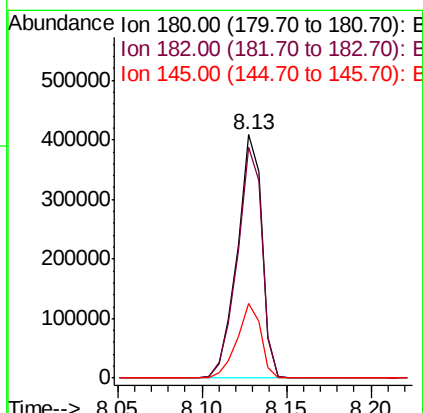
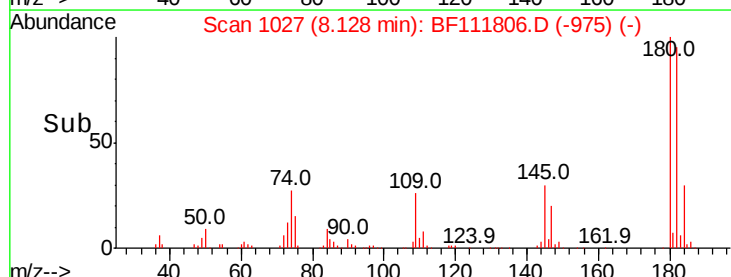
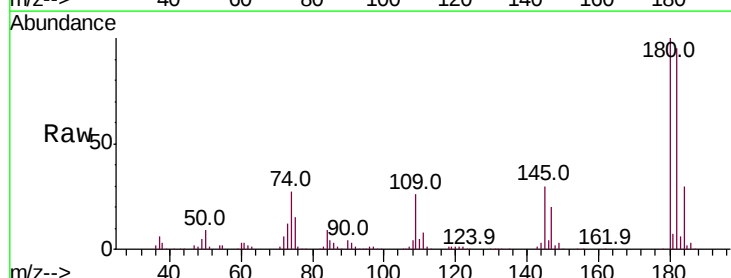
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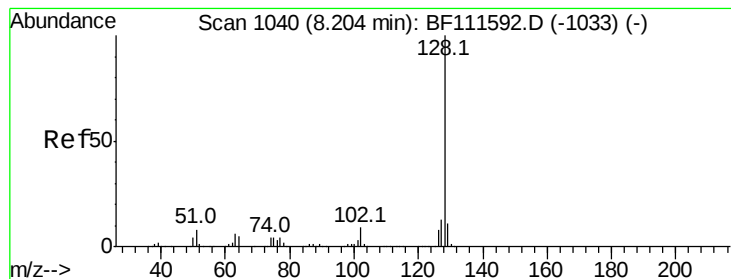
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.197 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	75.6	113.4
145	30.4	26.7	40.1





#31

Naphthalene

Concen: 45.267 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:128 Resp: 1269293

Ion Ratio Lower Upper

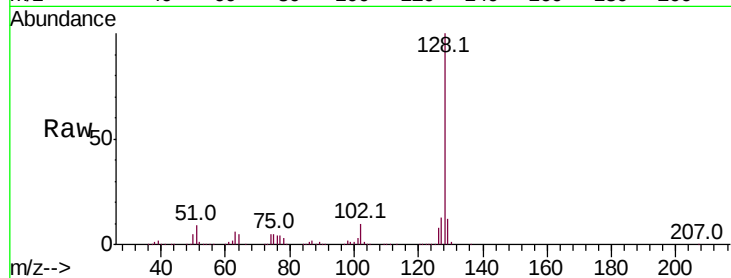
128 100

129 11.7 9.8 14.8

127 13.5 12.0 18.0

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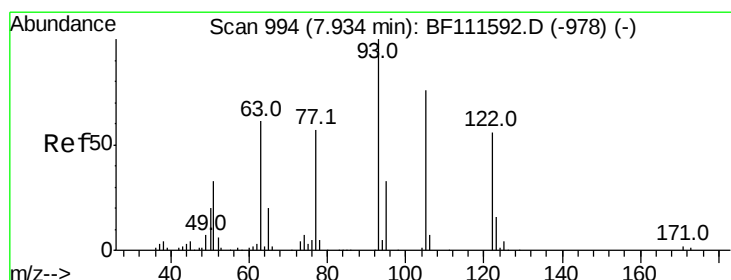
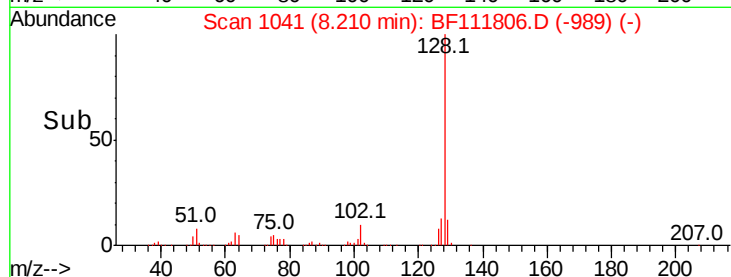
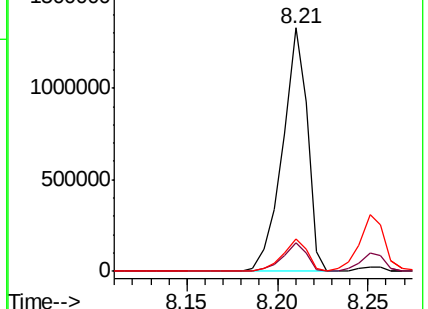
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.811 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

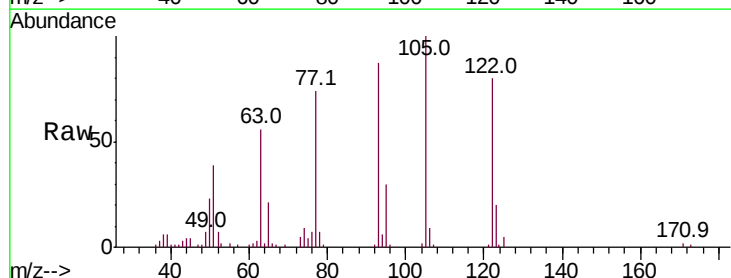
Tgt Ion:122 Resp: 71160

Ion Ratio Lower Upper

122 100

105 125.1 97.0 137.0

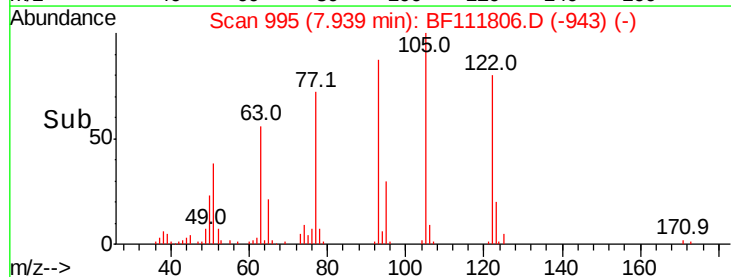
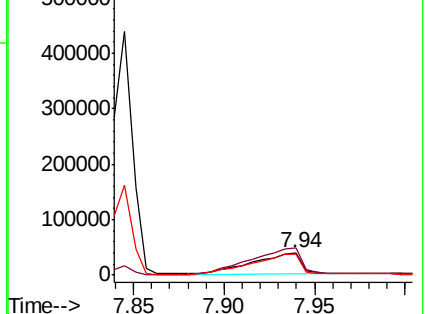
77 92.6 65.7 105.7

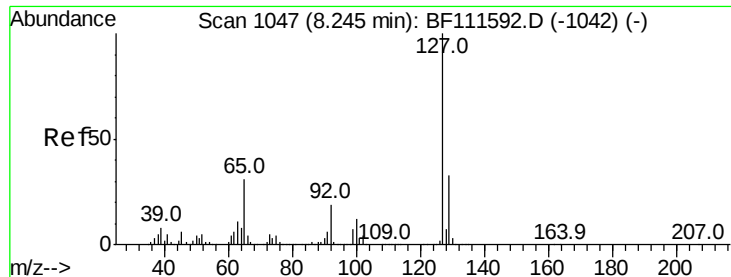


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





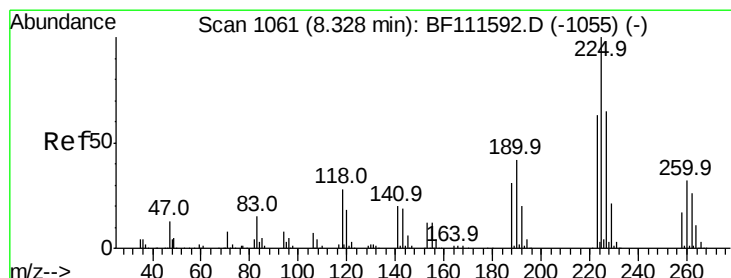
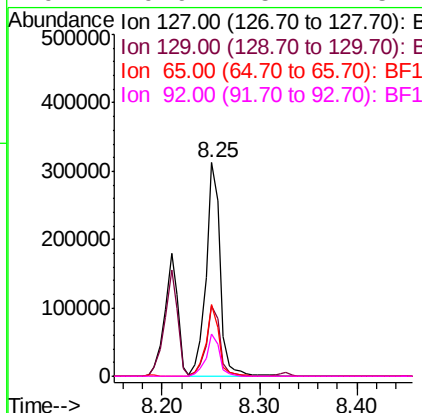
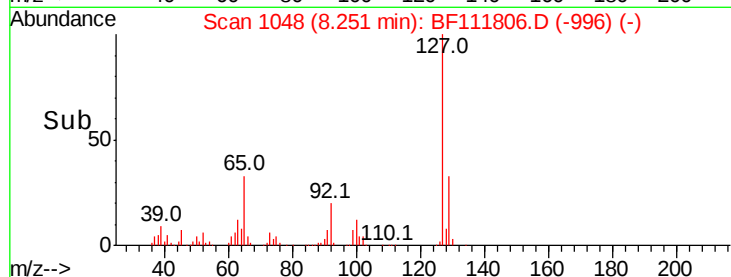
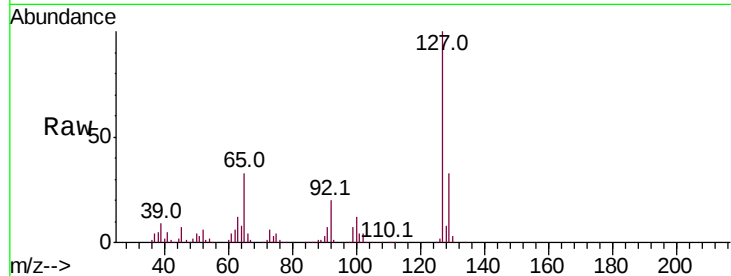
#33
4-Chloroaniline
Concen: 25.829 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.6	39.8	
65	33.3	25.7	38.5	
92	19.9	15.4	23.2	

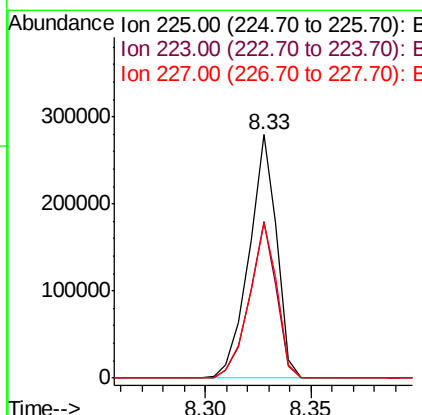
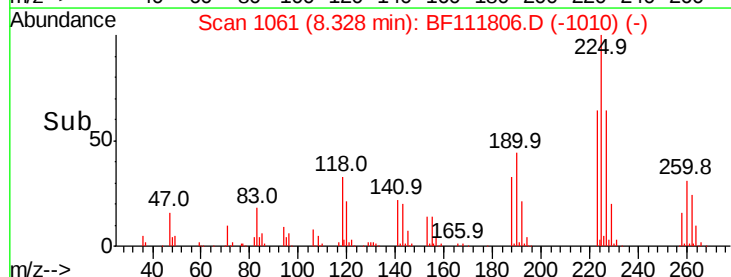
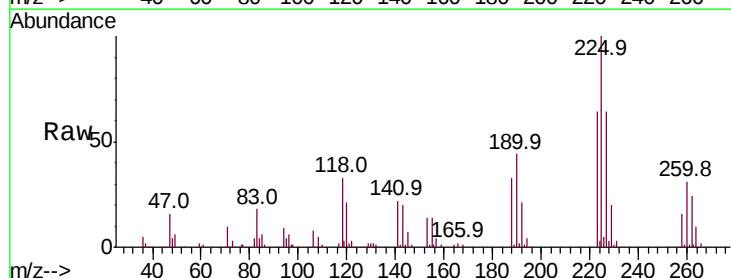
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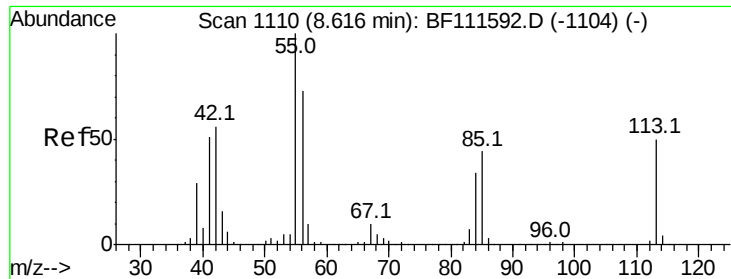
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#34
Hexachlorobutadiene
Concen: 41.271 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	50.7	76.1	
227	63.6	52.6	78.8	





#35

Caprolactam

Concen: 37.378 ng/mL

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:113 Resp: 114445

Ion Ratio Lower Upper

113 100

55 187.7 184.1 224.1

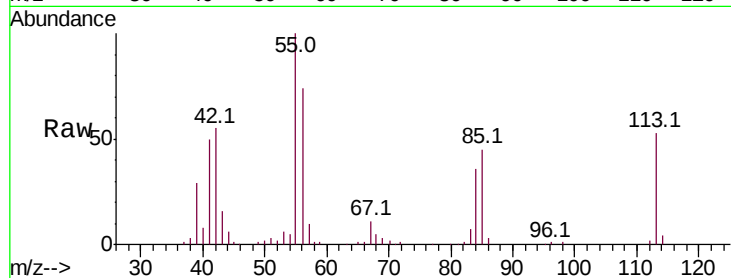
56 138.2 126.0 166.0

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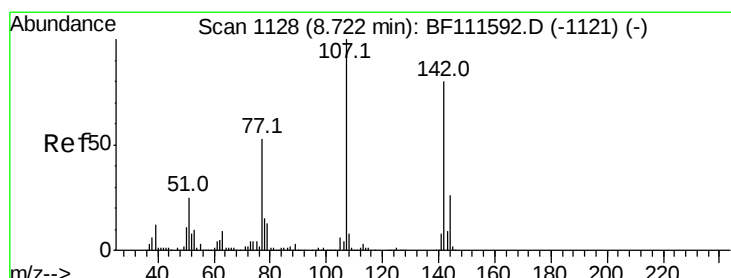
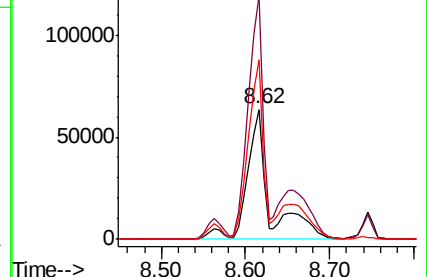
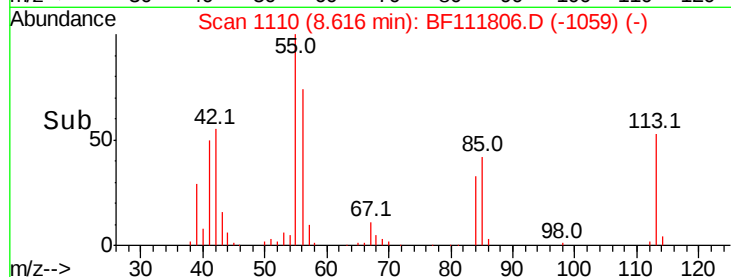
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.787 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

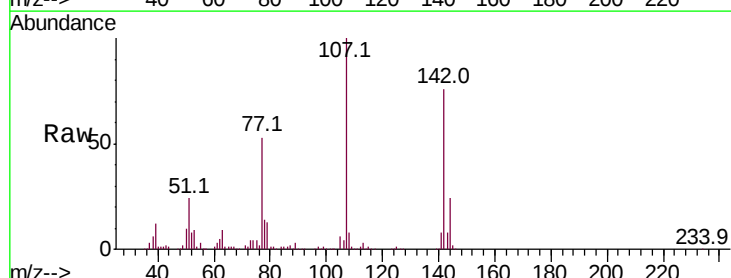
Tgt Ion:107 Resp: 388928

Ion Ratio Lower Upper

107 100

144 24.2 19.8 29.6

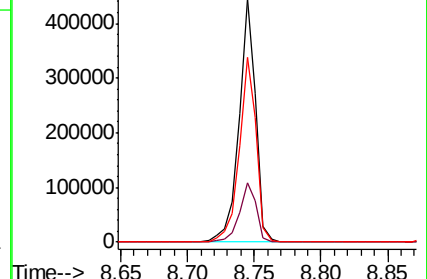
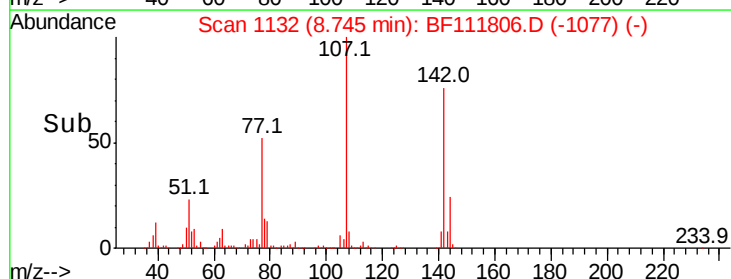
142 75.6 62.3 93.5

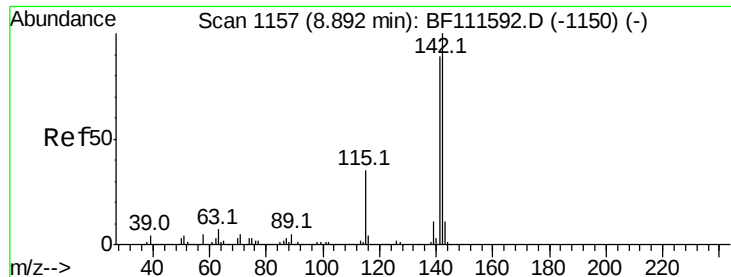


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





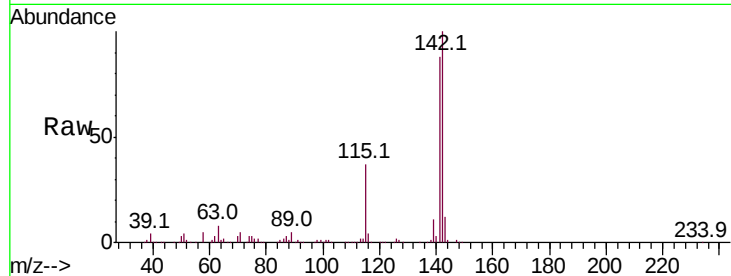
#37
2-Methylnaphthalene
Concen: 47.425 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	105.8
115	36.7	27.0	40.6

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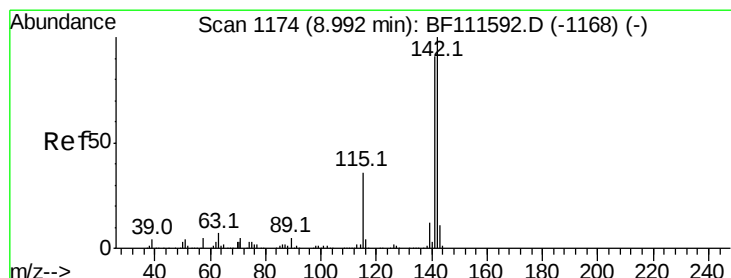
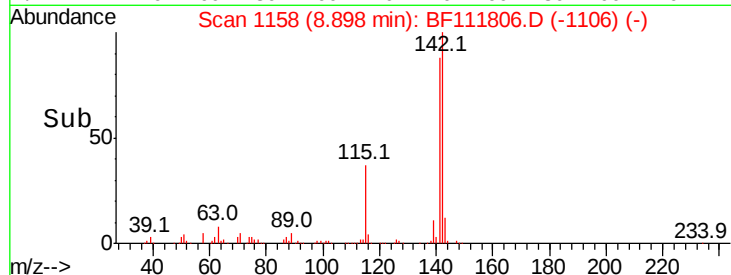
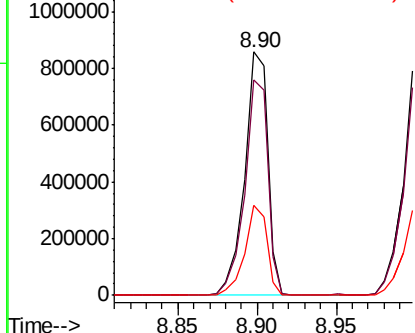


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.765 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

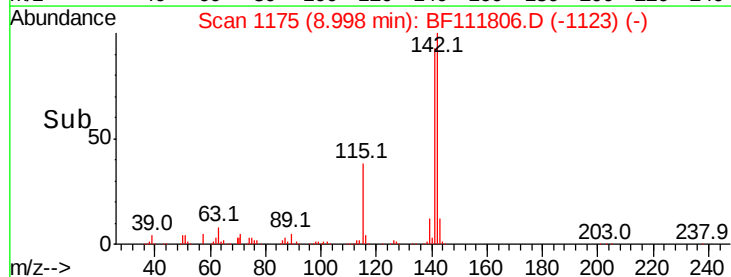
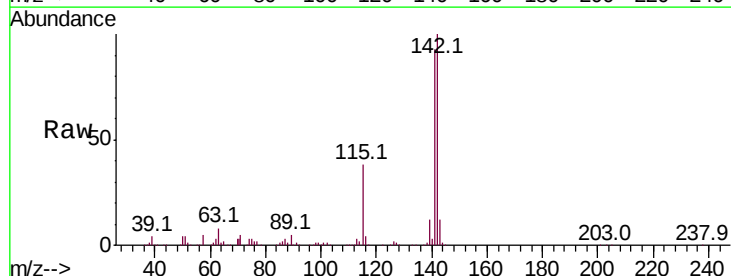
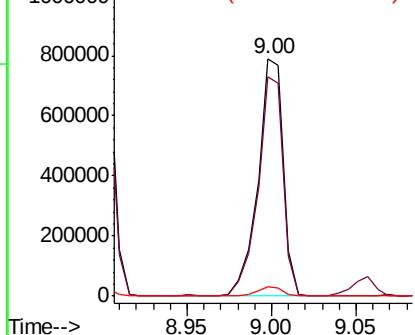
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.8	2.9	4.3

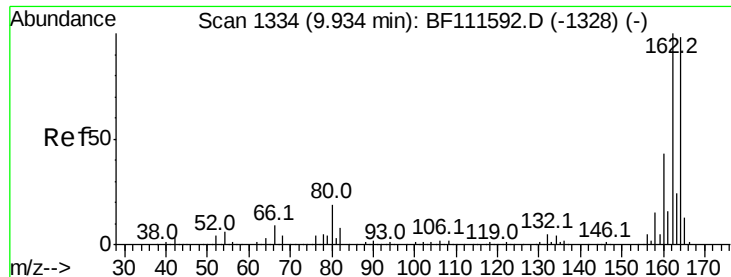
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





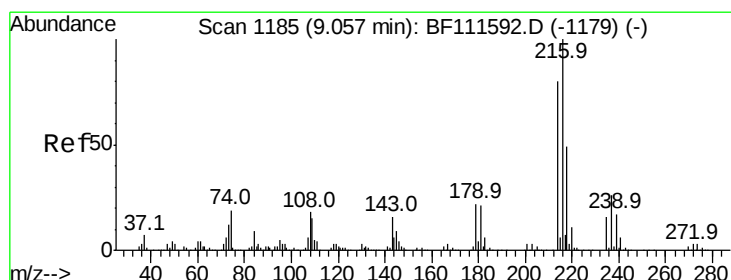
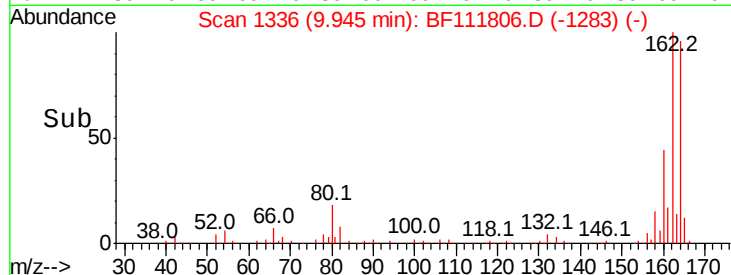
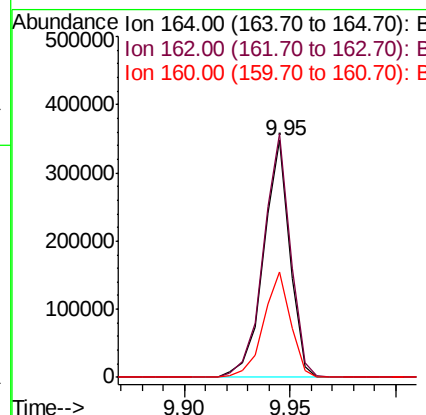
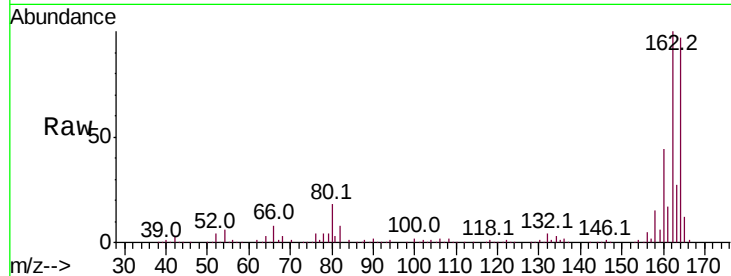
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	301731		
162	102.8	81.4	122.0	
160	44.8	35.7	53.5	

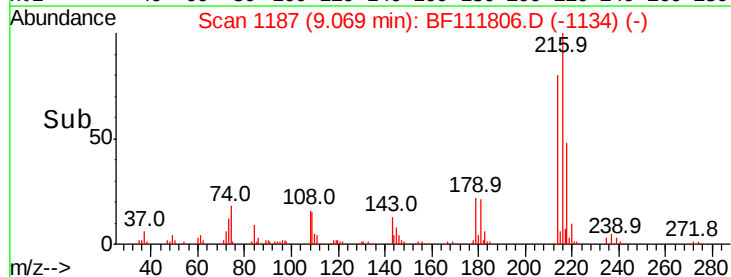
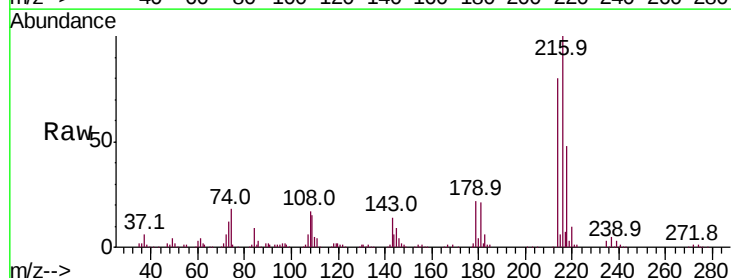
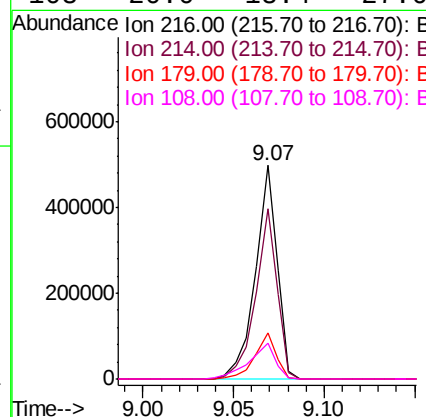
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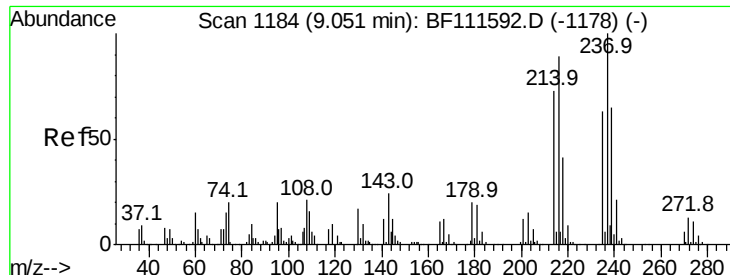
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.907 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	415501		
214	78.8	63.8	95.8	
179	21.0	17.9	26.9	
108	20.0	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 110.820 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

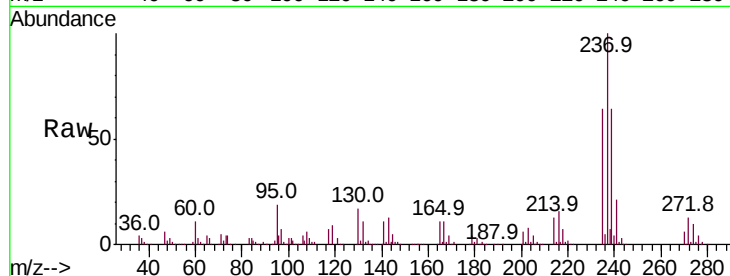
ClientSampleId :

PB116072BSD

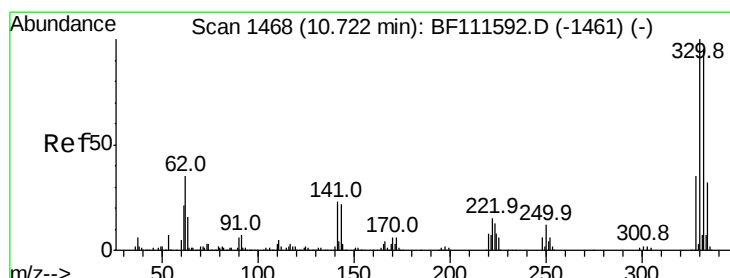
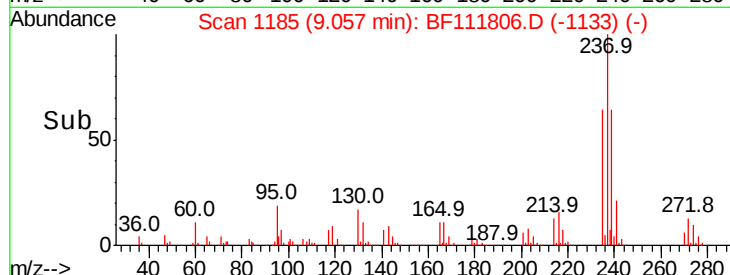
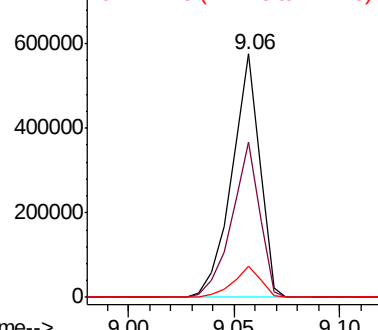
Tot Ion:	237	Resp:	533189
Ion Ratio		Lower	Upper
237	100		
235	63.8	43.1	83.1
272	12.9	0.0	33.0

Manual Integrations
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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: 119.245 ng

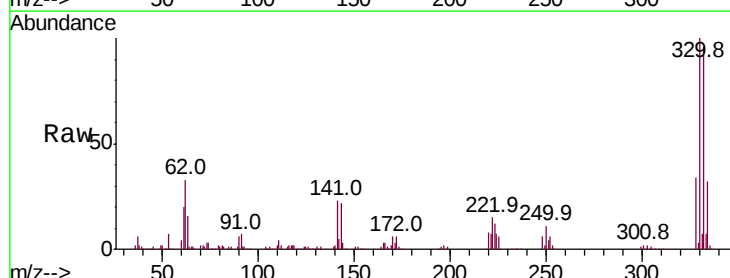
RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

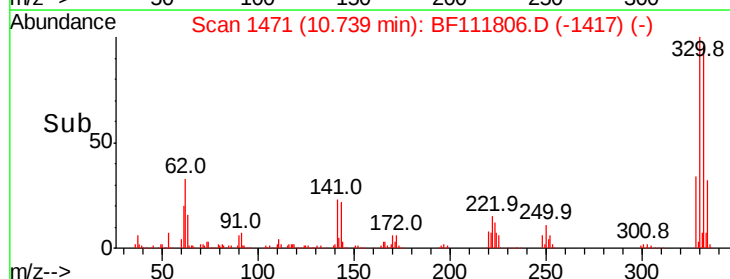
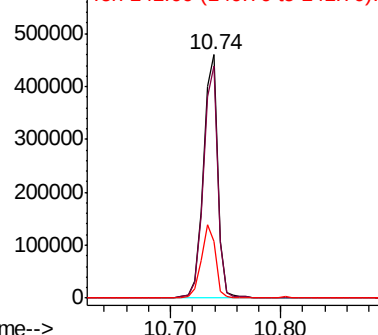
Lab File: BF111806.D

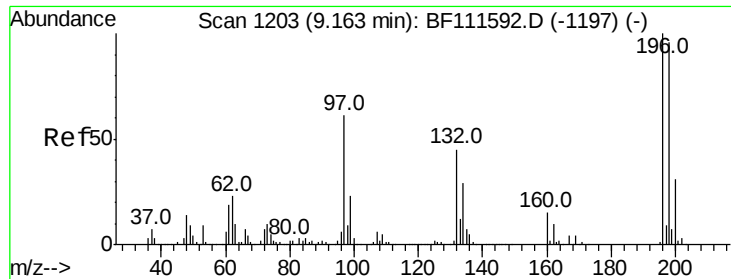
Acq: 2 Jan 2019 12:54

Tgt Ion:	330	Resp:	425132
Ion Ratio		Lower	Upper
330	100		
332	95.4	76.0	114.0
141	29.7	31.0	46.6#



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





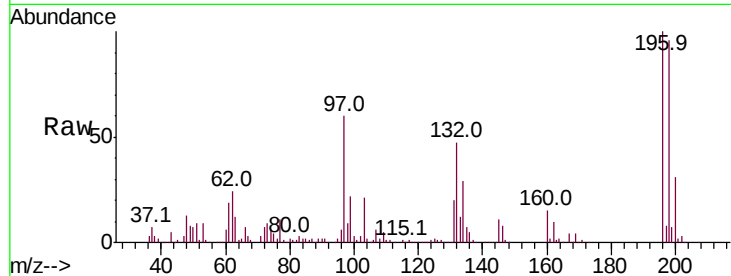
#43
 2,4,6-Trichlorophenol
 Concen: 42.014 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleID :
 PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	278116		
198	96.0	76.3	114.5	
200	30.8	24.9	37.3	

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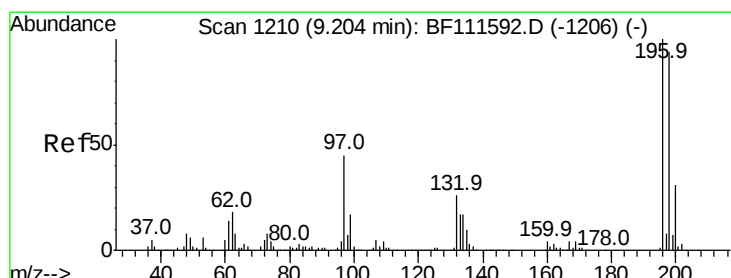
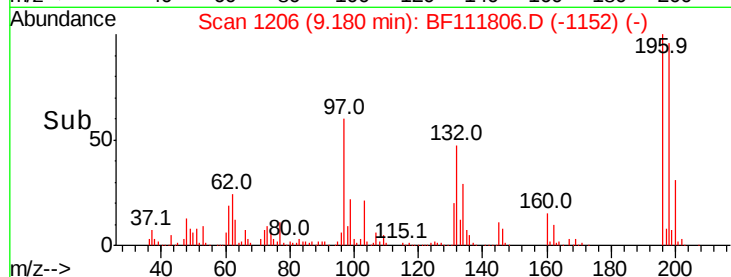
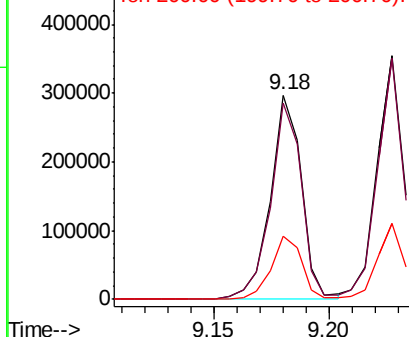


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.952 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291693		
198	99.0	72.9	109.3	
97	49.6	45.3	67.9	
132	26.6	25.5	38.3	

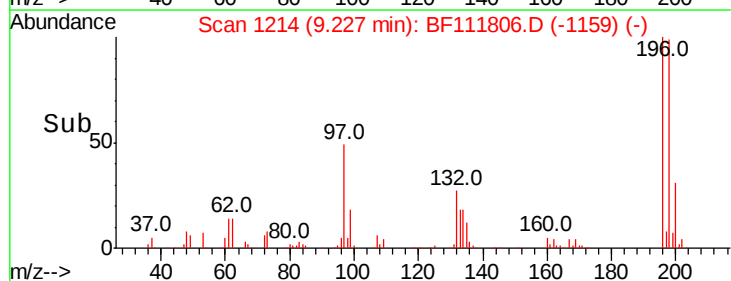
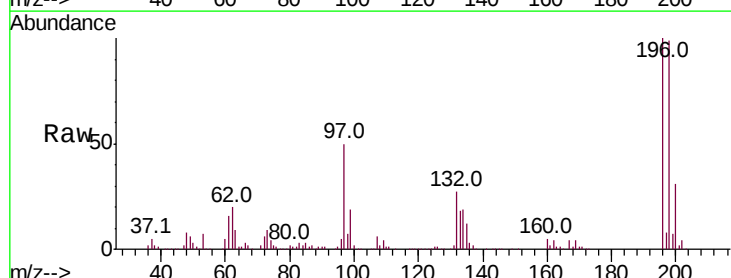
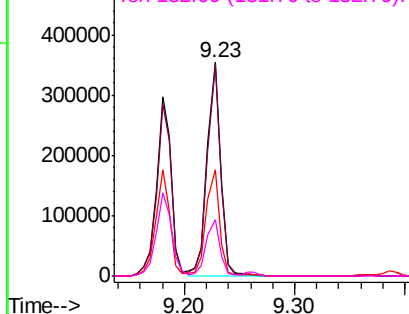
Abundance

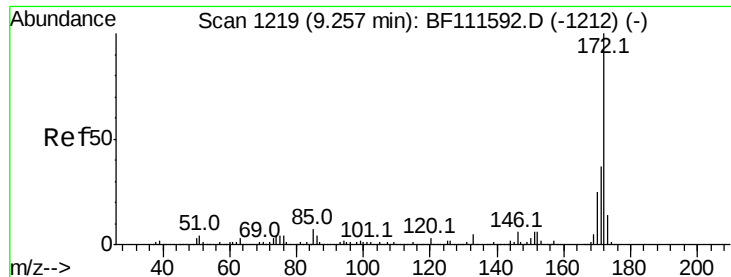
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





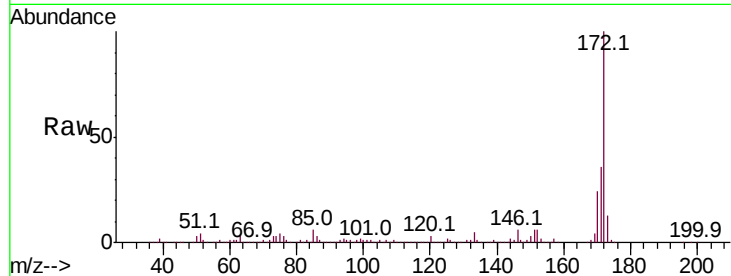
#45
2-Fluorobiphenyl
Concen: 68.003 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.4	22.3	33.5

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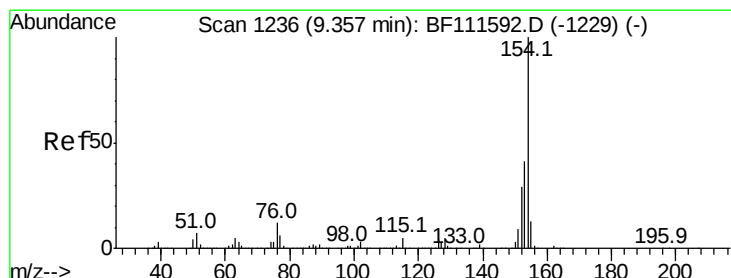
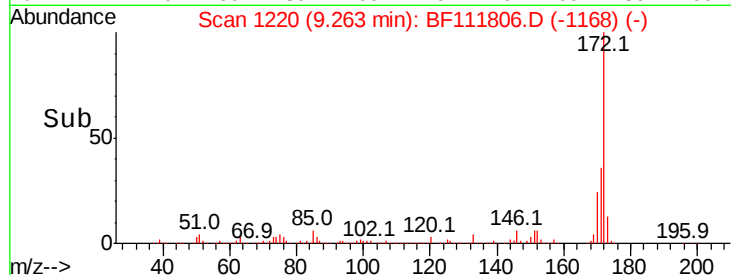
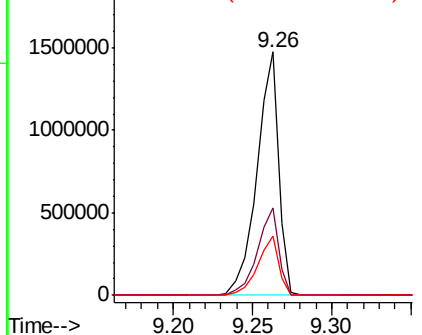


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.417 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

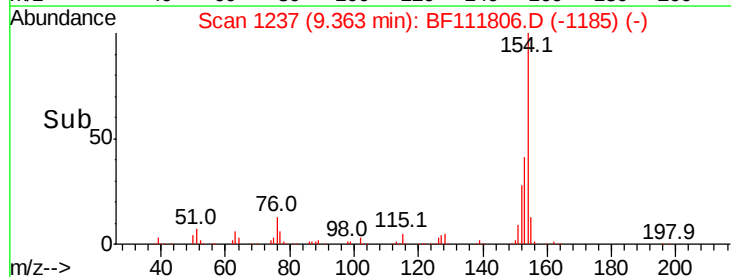
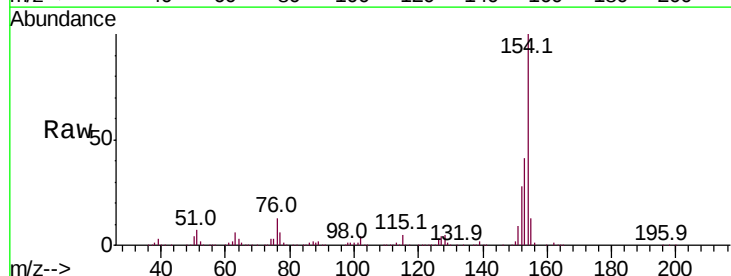
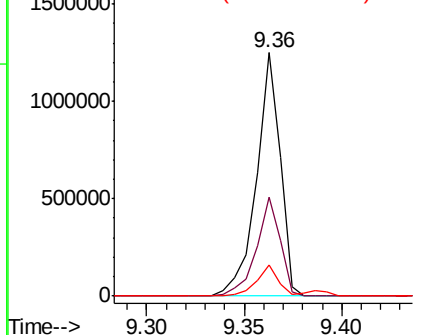
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.7	63.7
76	12.6	0.0	35.0

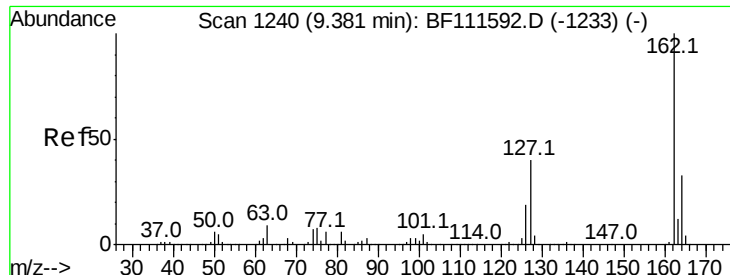
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





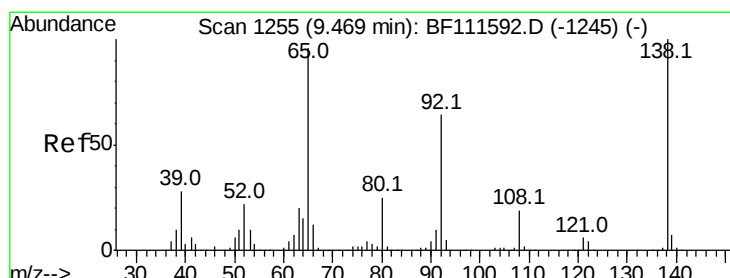
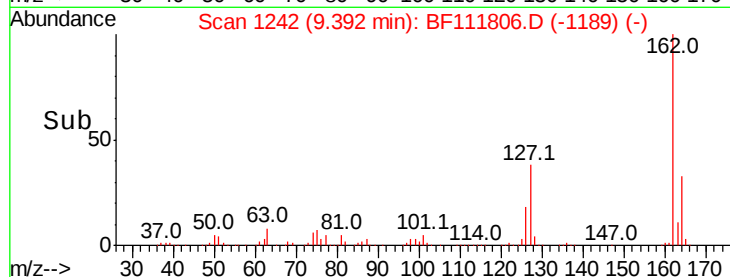
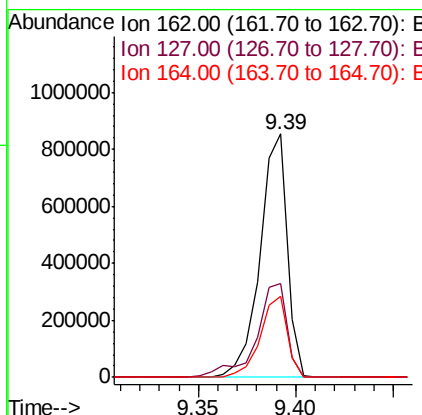
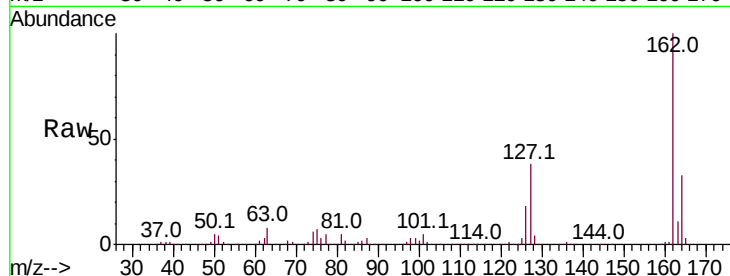
#47
 2-Chloronaphthalene
 Concen: 40.938 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	35.0	52.4
164	33.3	28.4	42.6

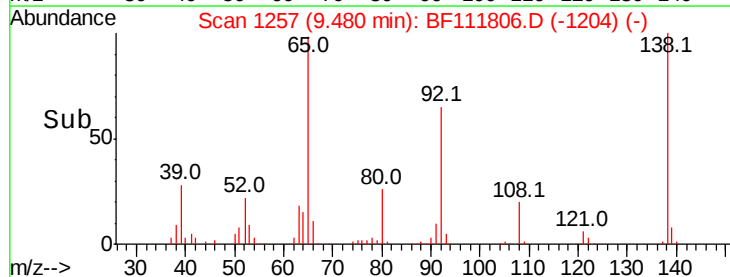
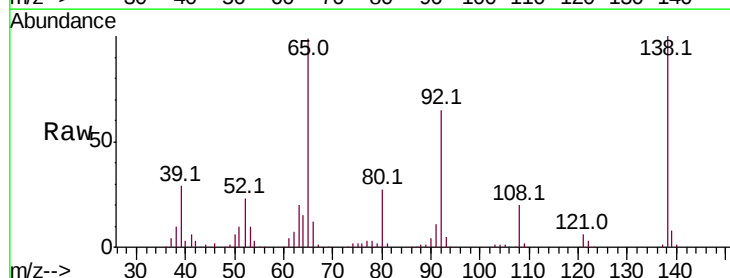
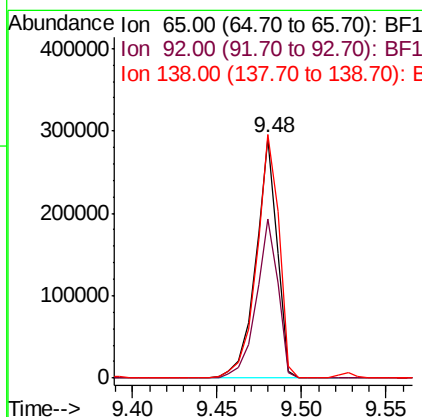
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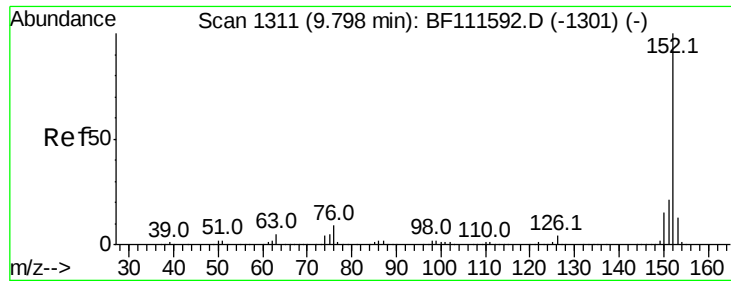
Sohil
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#48
 2-Nitroaniline
 Concen: 48.833 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.5	80.3
138	101.4	80.9	121.3





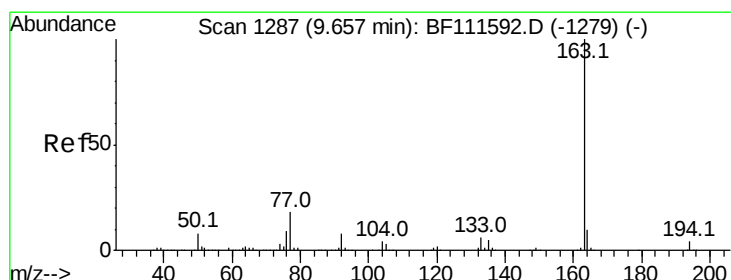
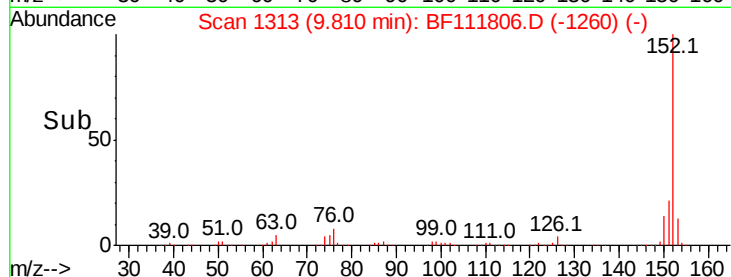
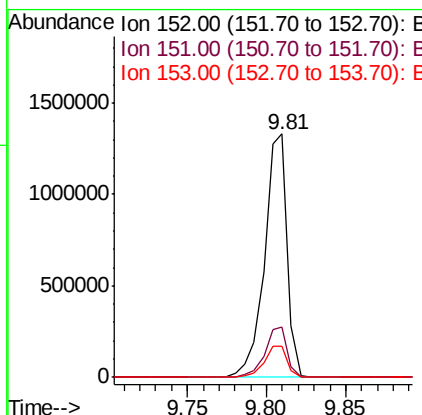
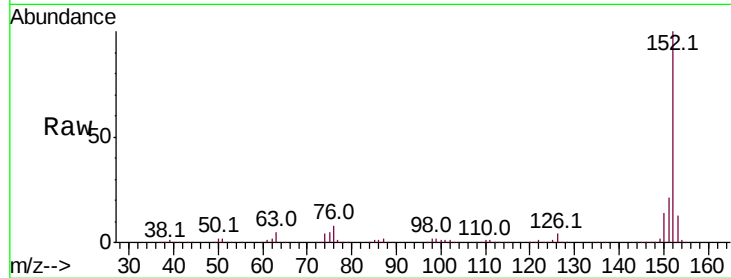
#49
Acenaphthylene
Concen: 45.115 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	18.0	27.0
153	12.7	12.3	18.5

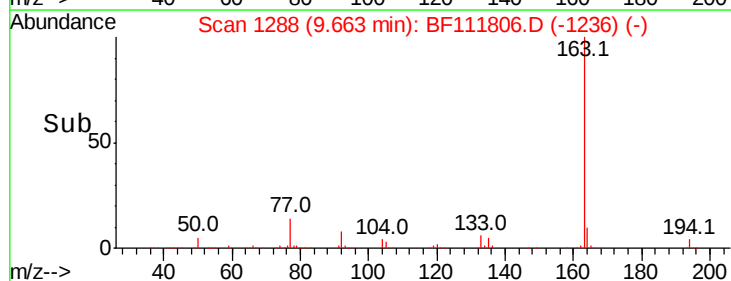
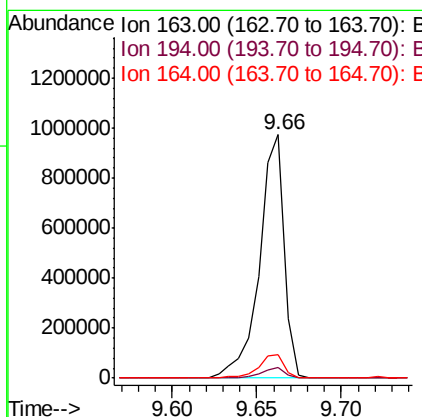
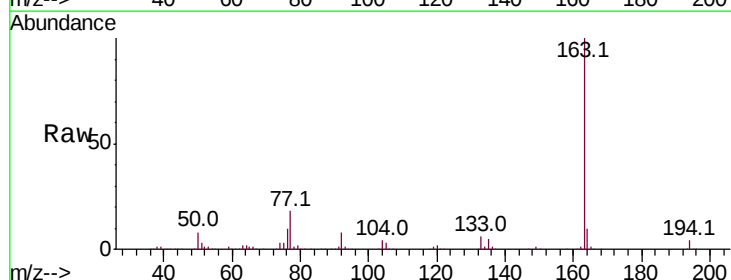
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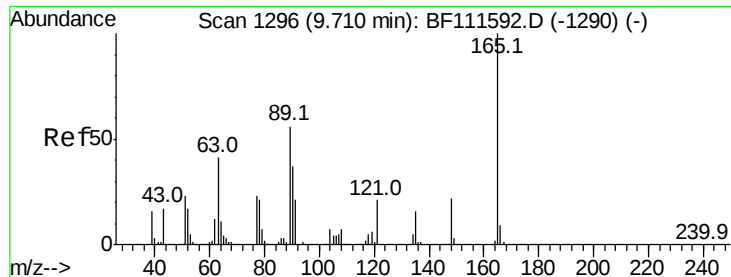
Sohil
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#50
Dimethylphthalate
Concen: 44.730 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	9.6	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 50.087 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:165 Resp: 220366

Ion Ratio Lower Upper

165 100

63 56.3 40.5 60.7

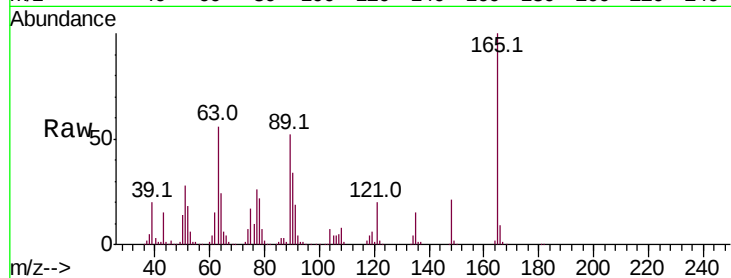
89 51.6 40.0 60.0

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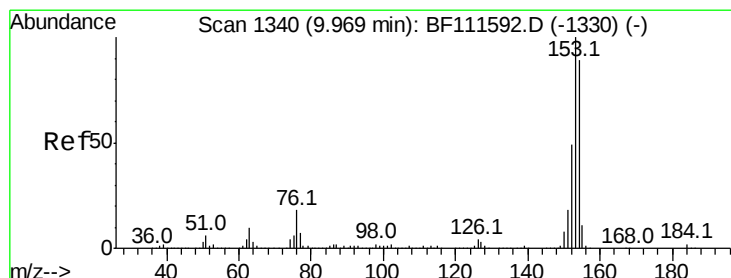
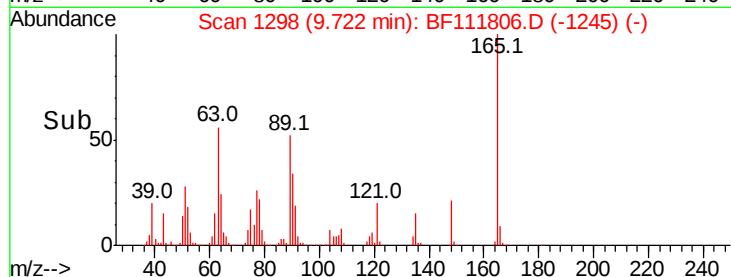
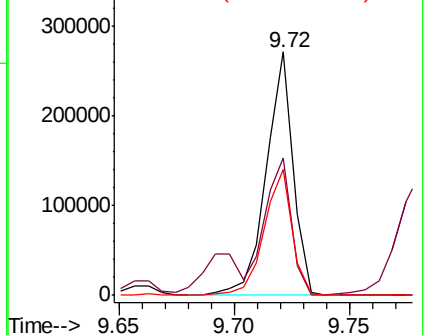
1/3/2019 10:59:31 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.845 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

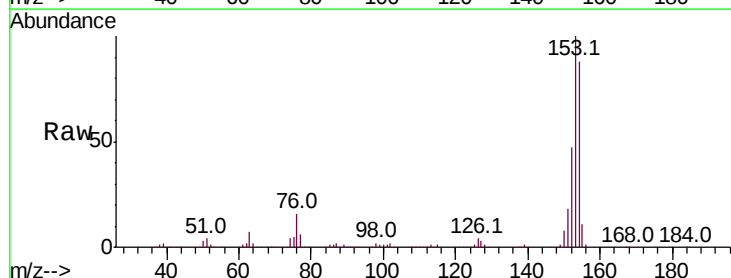
Tgt Ion:154 Resp: 851289

Ion Ratio Lower Upper

154 100

153 113.2 87.8 131.8

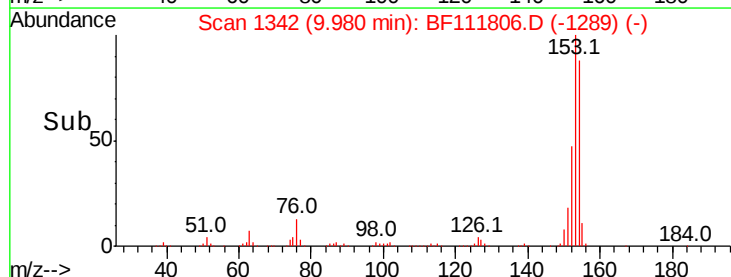
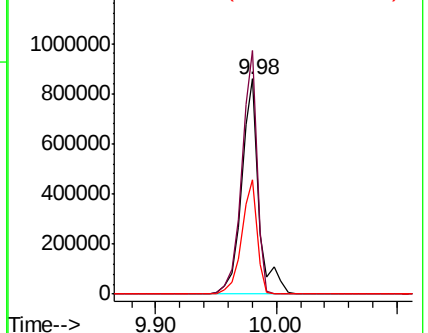
152 52.9 43.4 65.2

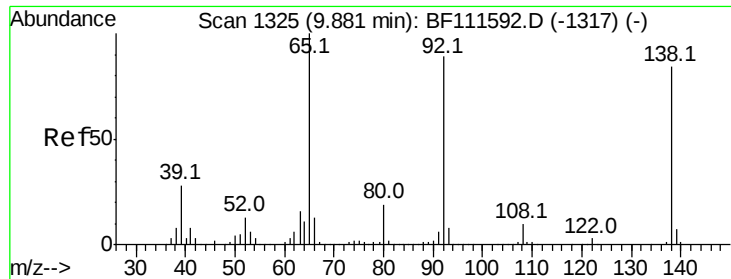


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





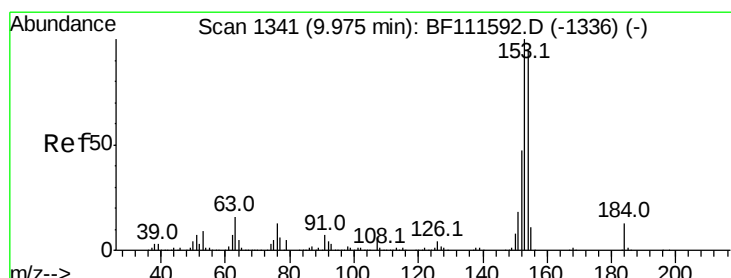
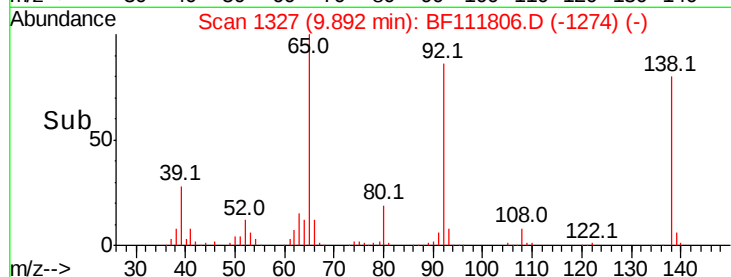
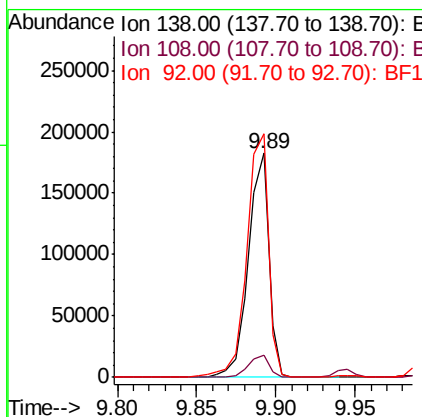
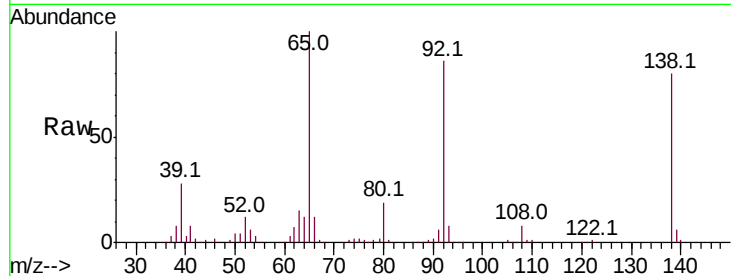
#53
 3-Nitroaniline
 Concen: 35.068 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion:	138	Resp:	164545
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.2	12.4
92	108.6	93.4	140.2

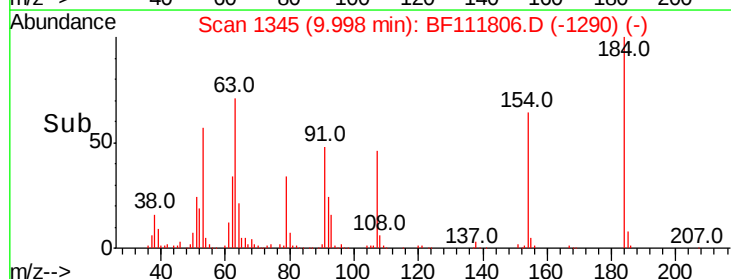
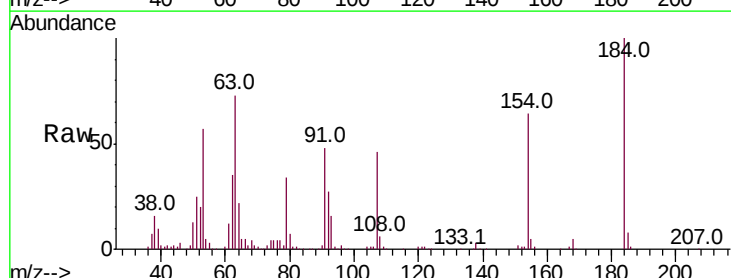
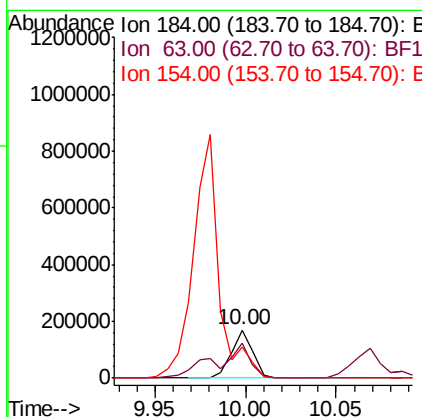
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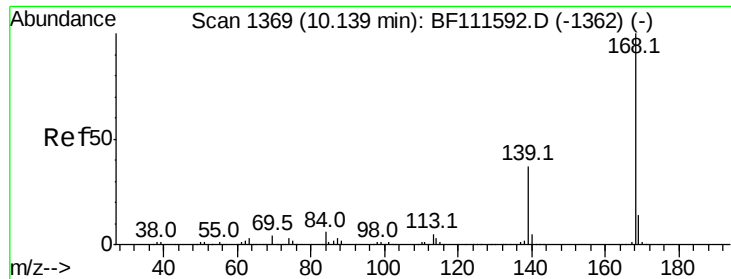
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 98.599 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:	184	Resp:	141858
Ion Ratio	Lower	Upper	
184	100		
63	73.1	62.3	93.5
154	64.1	56.2	84.2





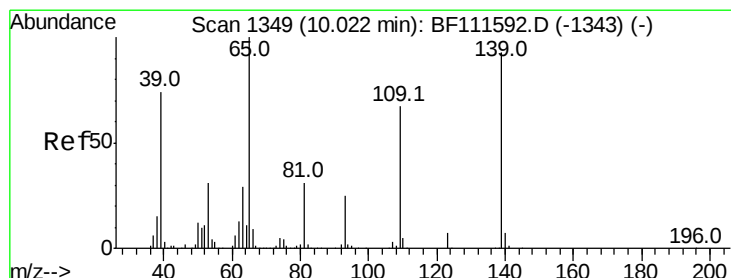
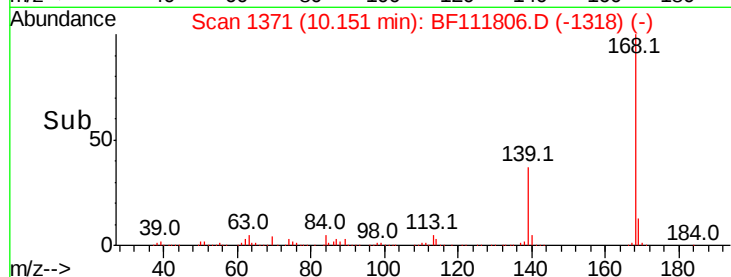
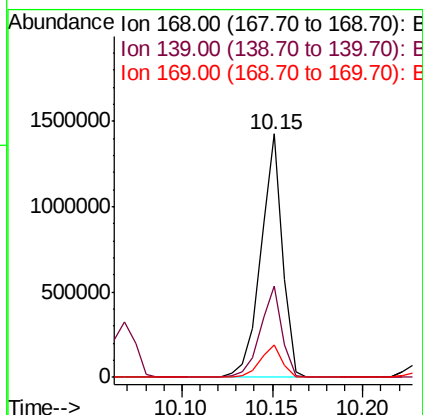
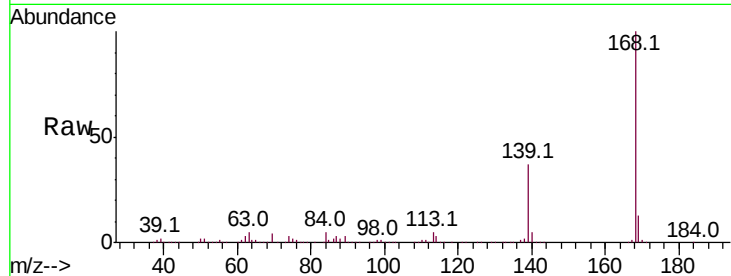
#55
Dibenzofuran
Concen: 43.076 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	32.6	49.0
169	13.4	11.8	17.6

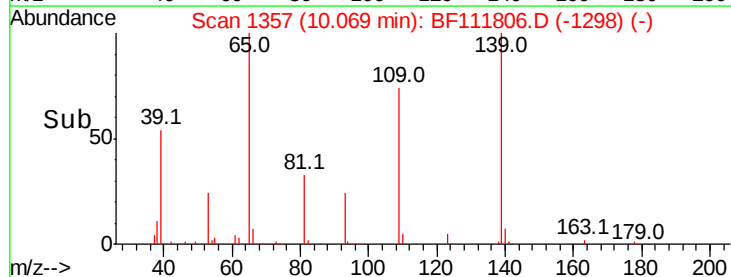
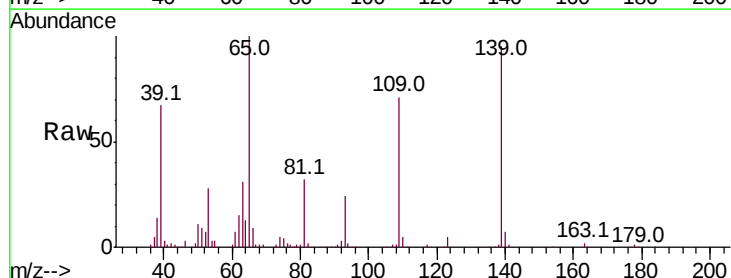
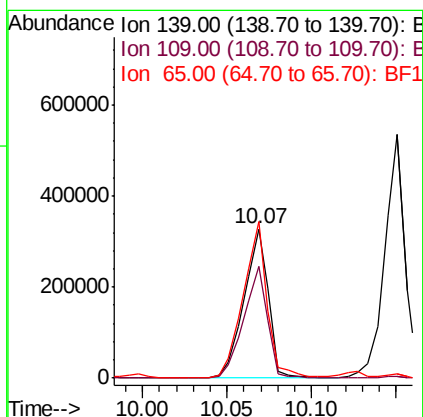
Manual Integrations
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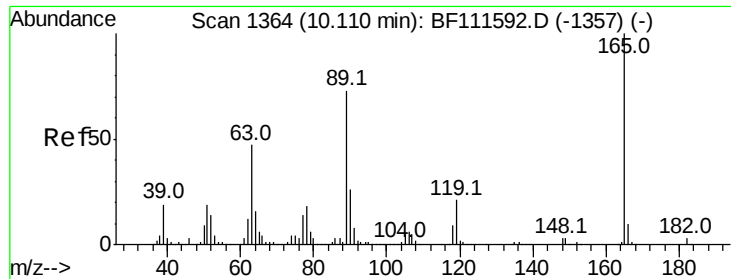
Sohil
1/3/2019 10:59:31 AM



#56
4-Nitrophenol
Concen: 92.254 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	41.8	81.8
65	104.9	79.6	119.6





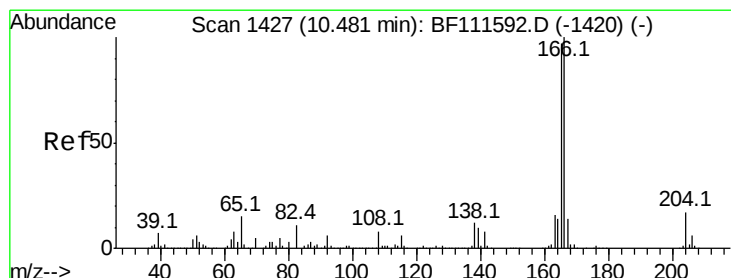
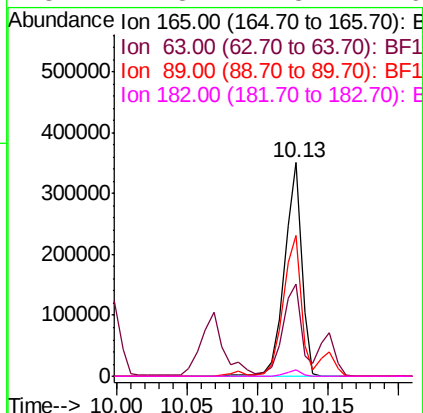
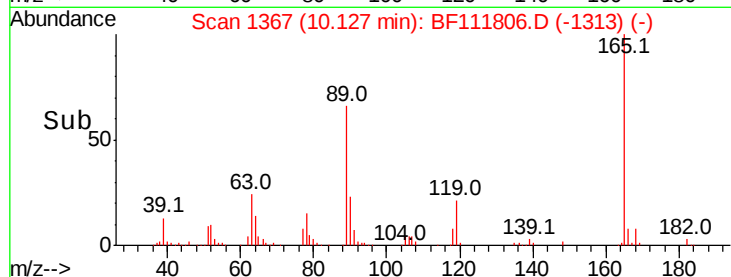
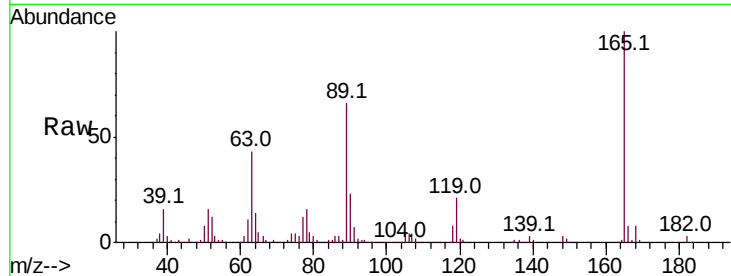
#57
2,4-Dinitrotoluene
Concen: 56.065 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleID :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	296461		
63	42.9	34.6	52.0	
89	66.1	56.2	84.4	
182	2.8	1.8	2.6	

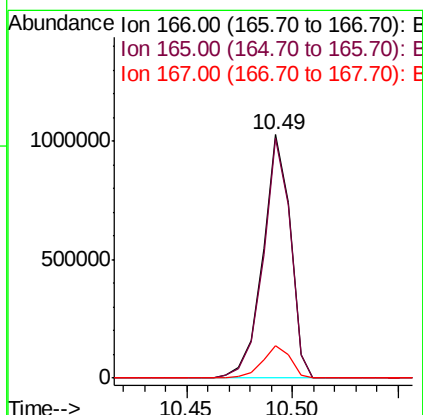
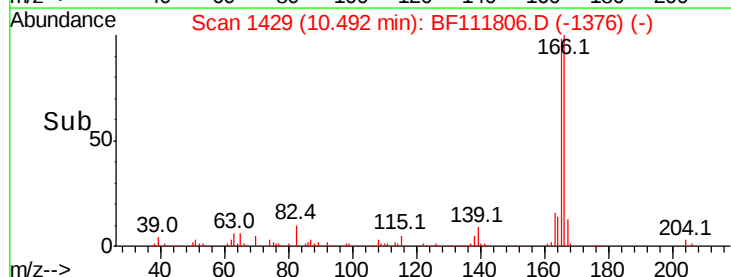
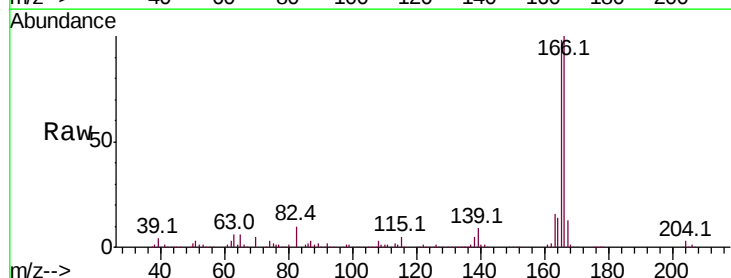
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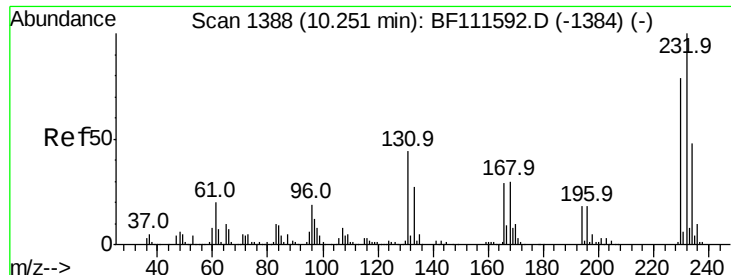
Sohil
1/3/2019 10:59:31 AM



#58
Fluorene
Concen: 47.123 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	932257		
165	98.5	78.4	117.6	
167	13.1	11.2	16.8	





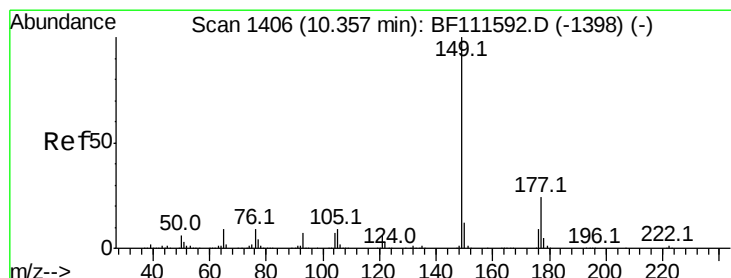
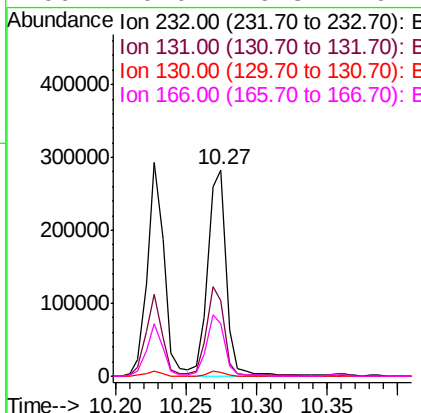
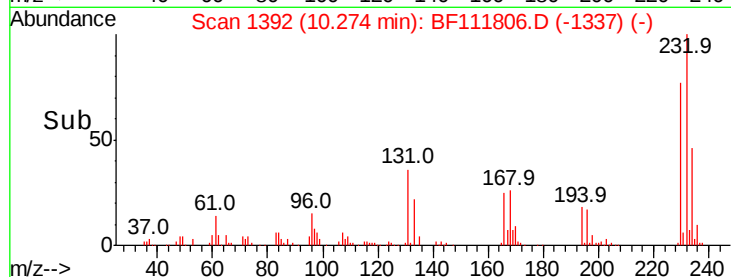
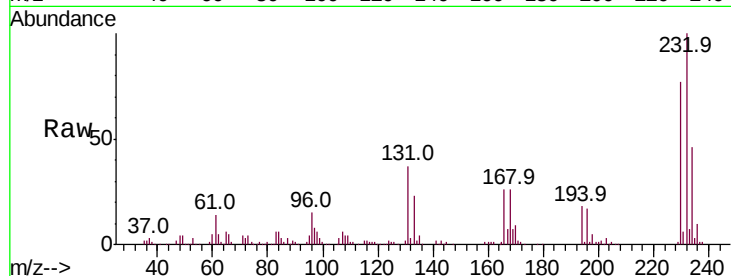
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.257 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	258648		
131	42.5		40.9	61.3
130	2.0		2.0	3.0
166	29.0		26.8	40.2

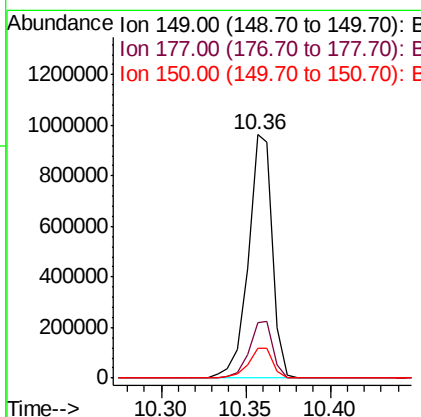
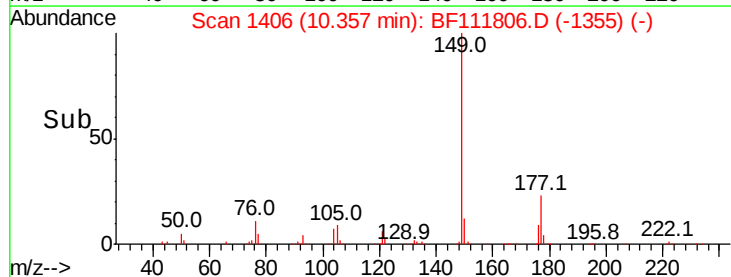
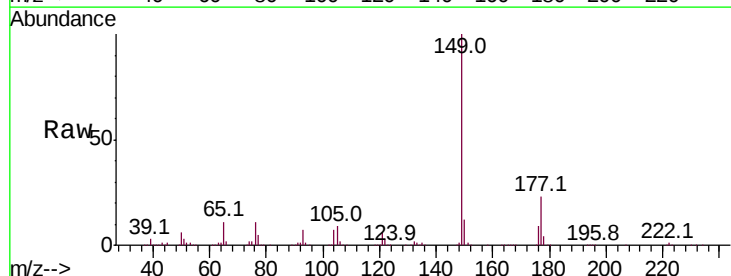
Manual Integrations
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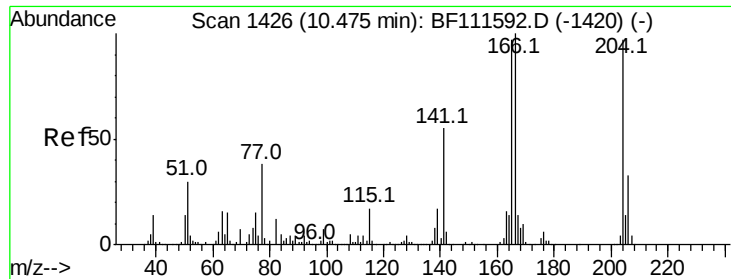
Sohil
 1/3/2019 10:59:31 AM



#60
 Diethylphthalate
 Concen: 44.258 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	957931		
177	22.7		18.3	27.5
150	12.5		10.6	15.8





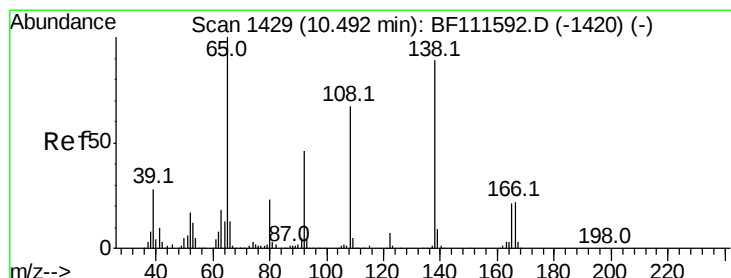
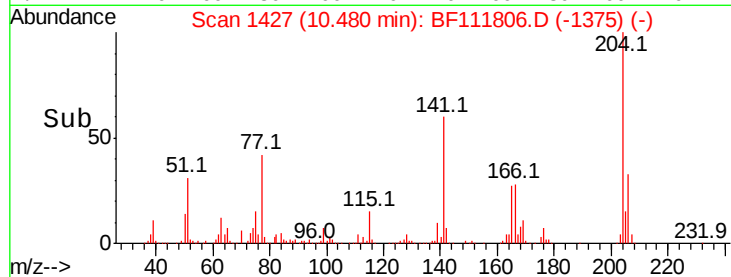
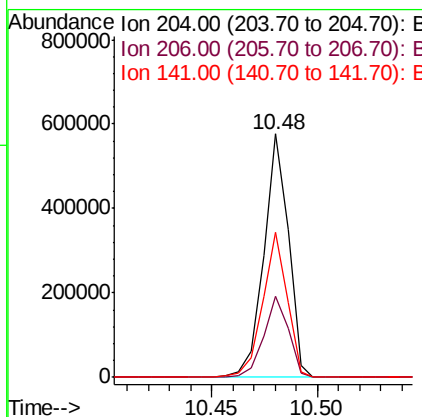
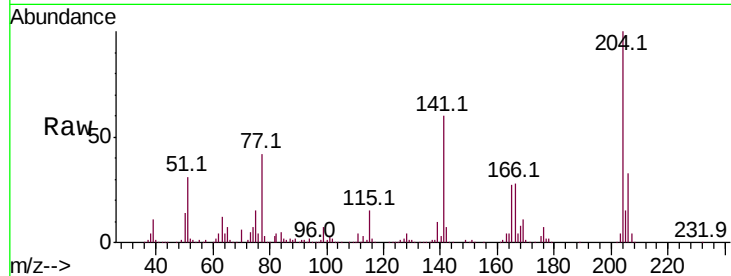
#61
 4-Chlorophenyl-phenylether
 Concen: 42.865 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion:	204	Resp:	468519
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	59.7	52.6	78.8

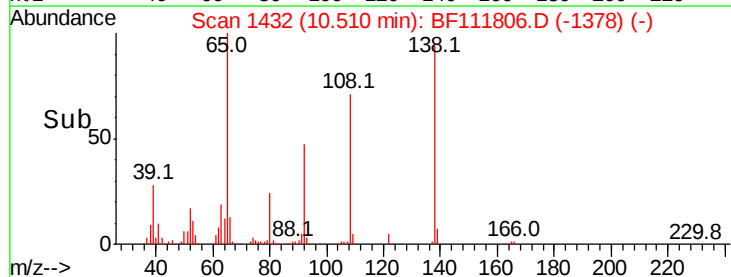
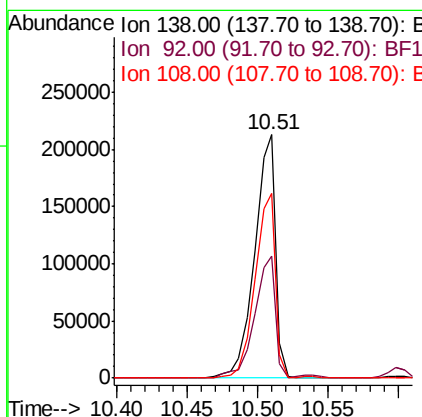
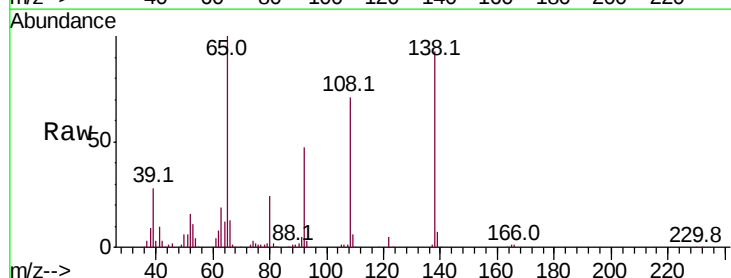
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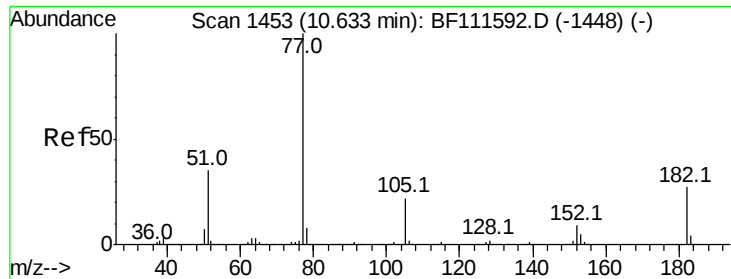
Sohil
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#62
 4-Nitroaniline
 Concen: 49.160 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion:	138	Resp:	224193
Ion Ratio	Lower	Upper	
138	100		
92	49.9	29.9	69.9
108	75.7	43.2	83.2





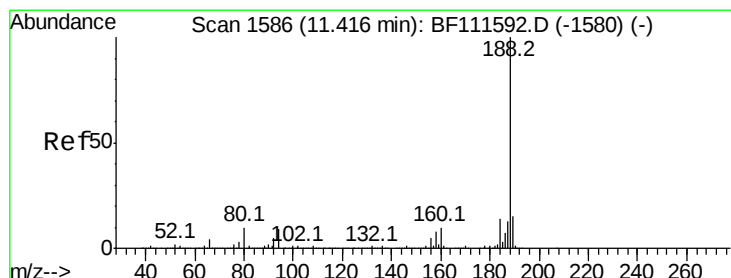
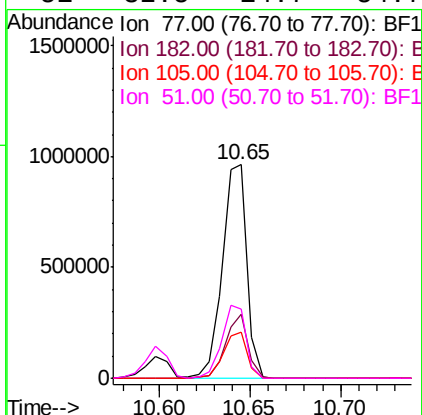
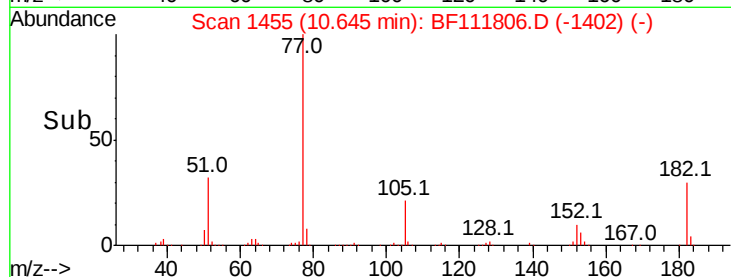
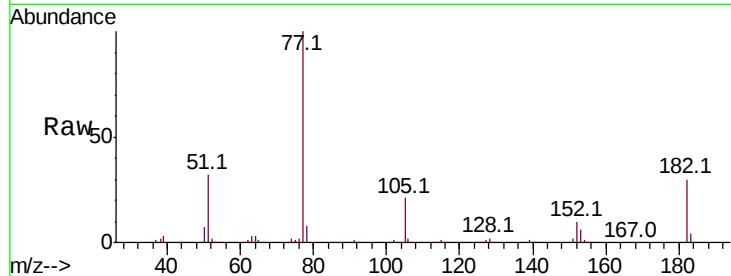
#63
Azobenzene
Concen: 41.767 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampled :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.7	4.9	44.9	
105	21.4	6.0	46.0	
51	32.5	14.7	54.7	

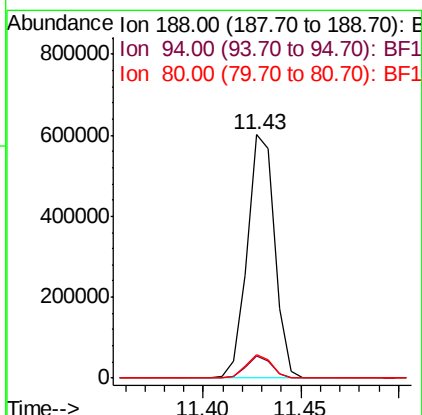
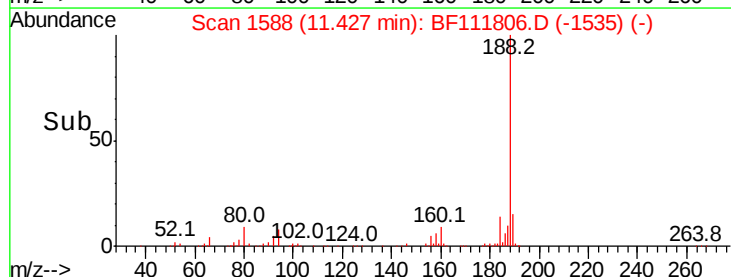
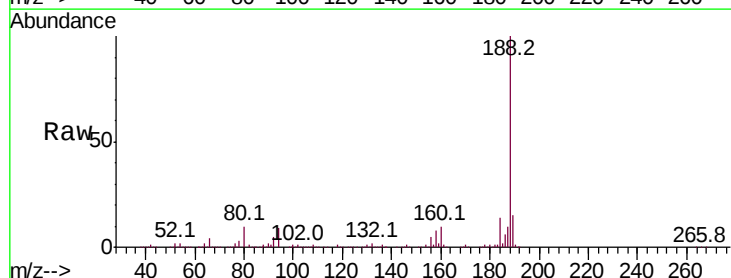
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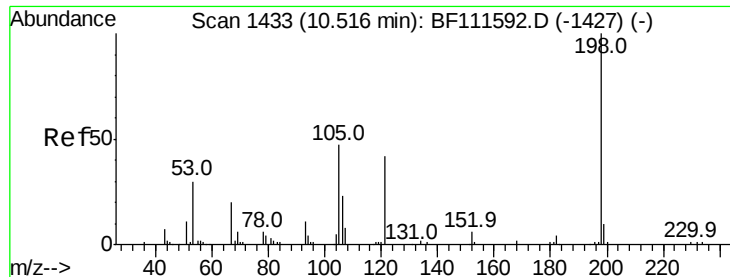
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1	9.6	14.4#	
80	9.7	9.8	14.6#	





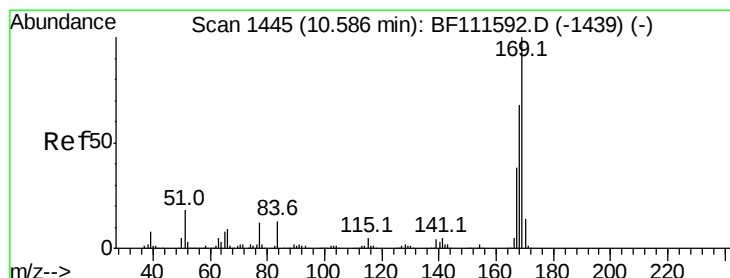
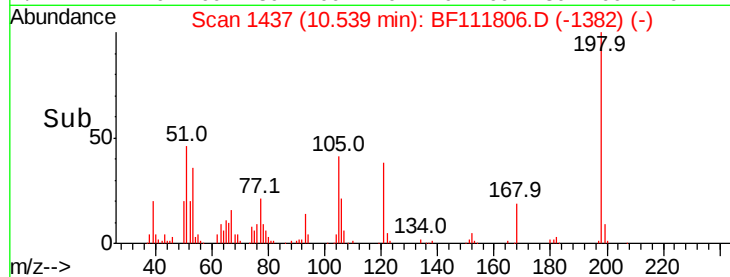
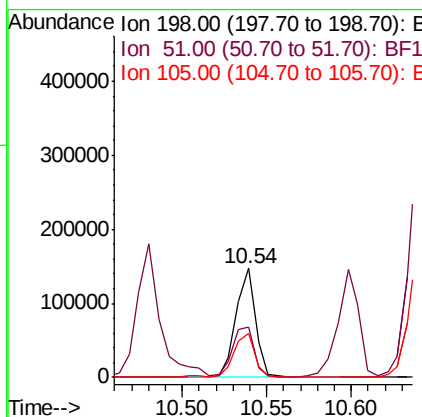
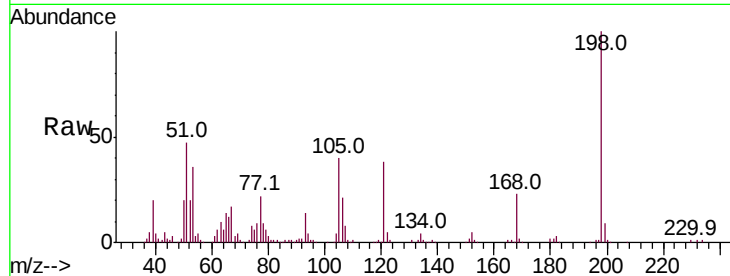
#65
4,6-Dinitro-2-methylphenol
Concen: 48.528 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.5	48.0	88.0#	
105	40.5	34.0	74.0	

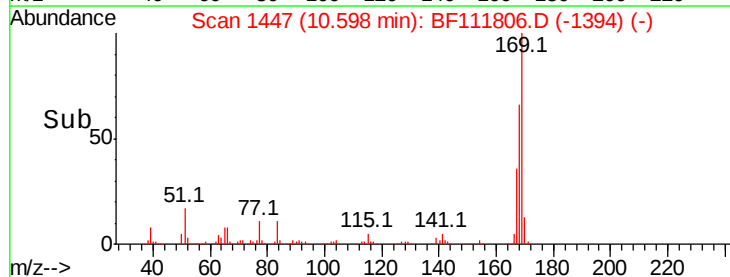
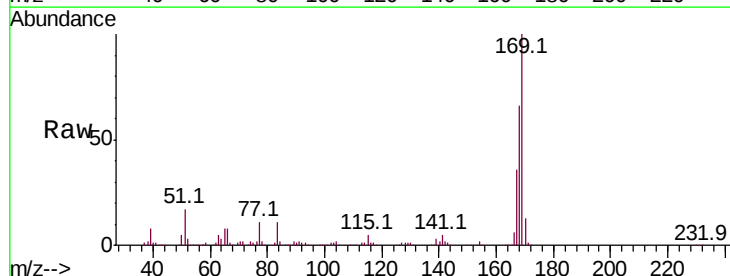
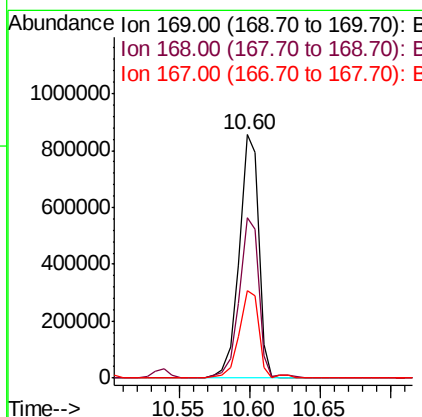
Manual Integrations
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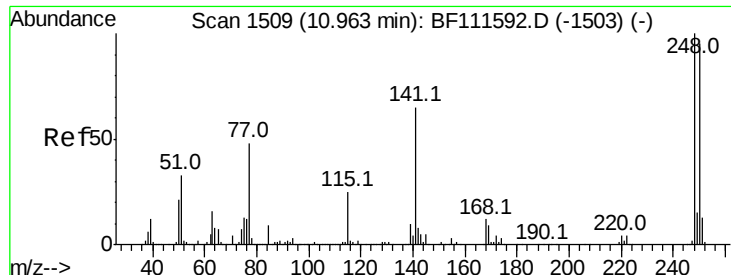
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.549 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	54.4	81.6	
167	36.2	30.5	45.7	





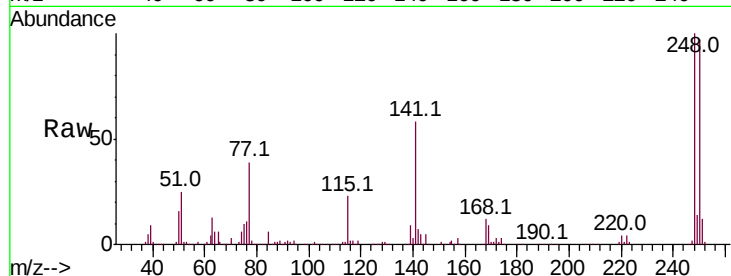
#67
4-Bromophenyl-phenylether
Concen: 41.615 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.4
141	57.6	63.0	94.6

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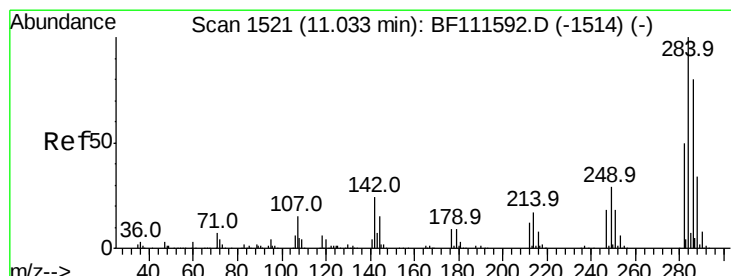
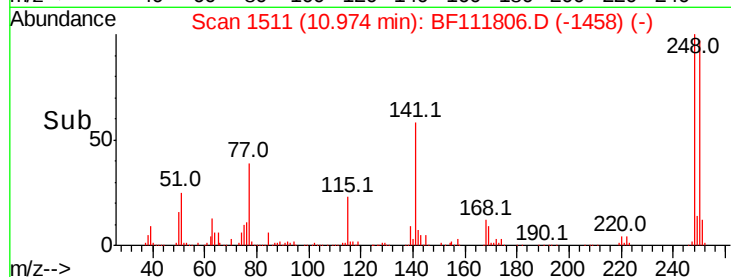
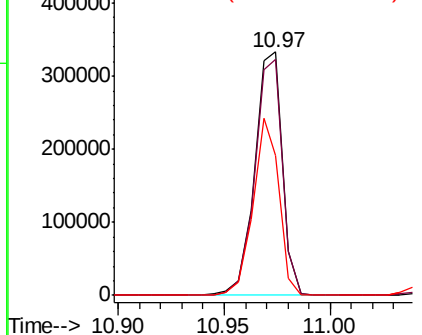


Abundance

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: 41.311 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

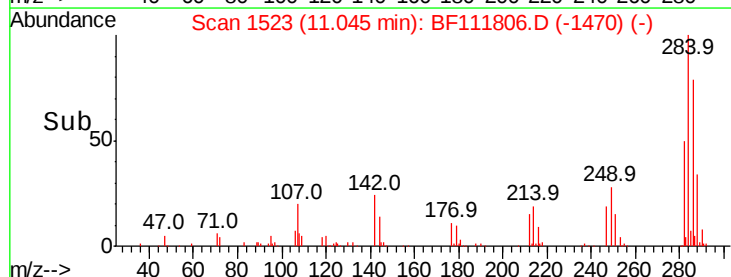
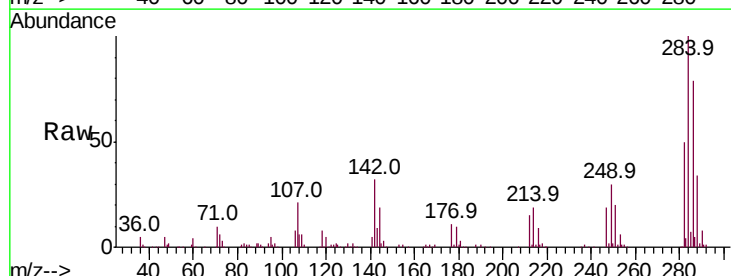
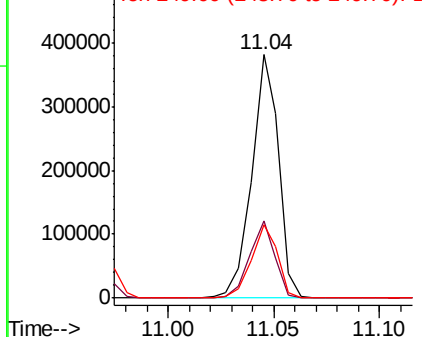
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	27.4	41.2
249	30.3	24.4	36.6

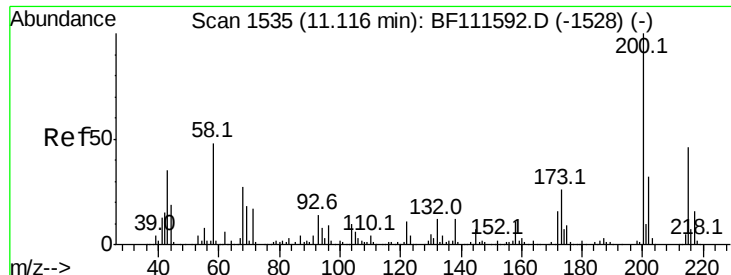
Abundance

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





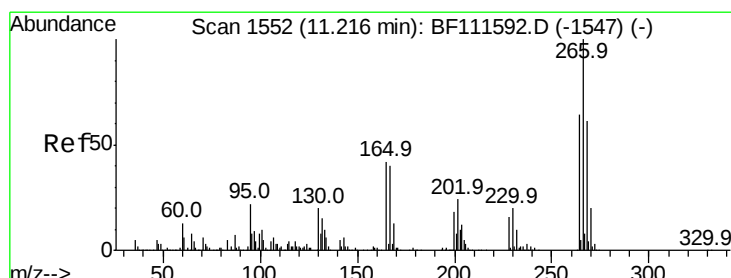
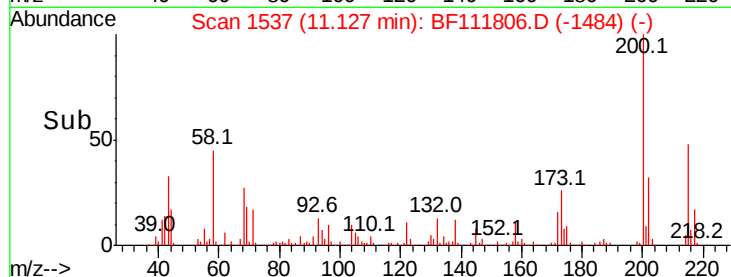
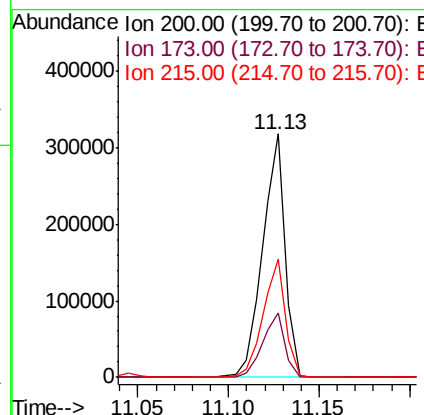
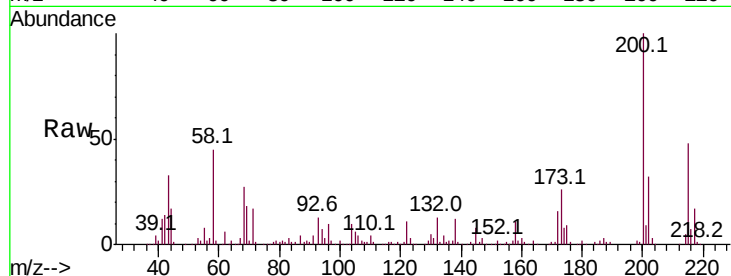
#69
Atrazine
Concen: 40.107 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	10.1	50.1
215	48.5	26.9	66.9

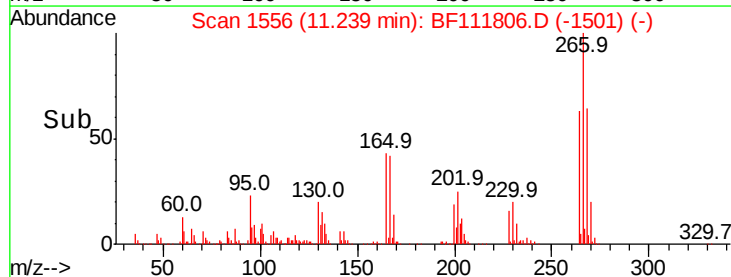
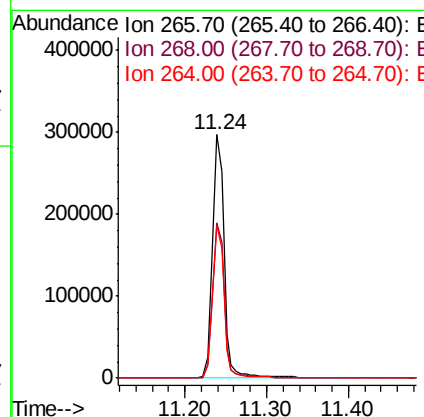
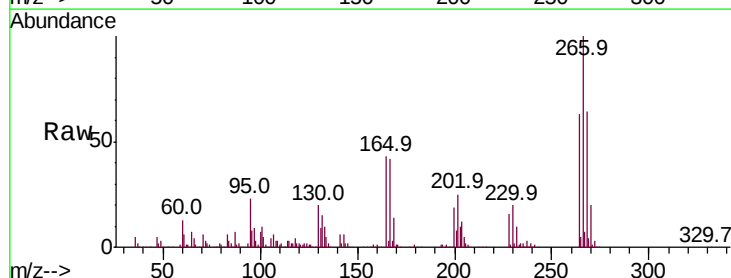
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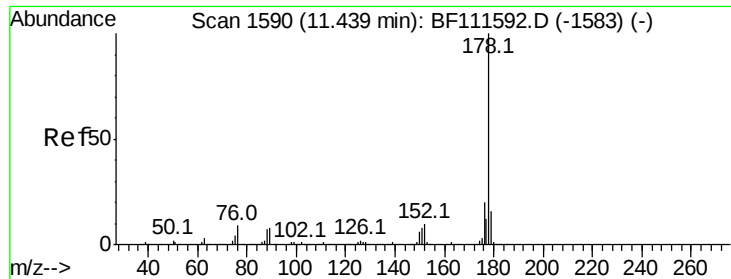
Sohil
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#70
Pentachlorophenol
Concen: 58.891 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.9	71.9
264	62.7	49.1	73.7





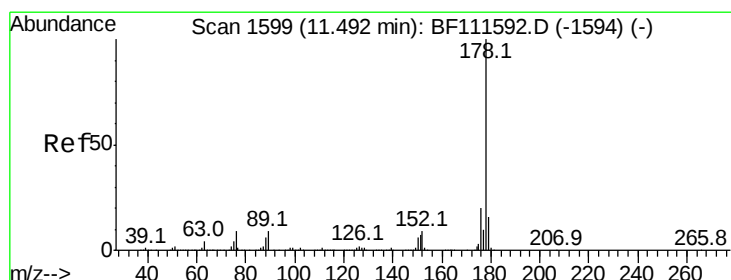
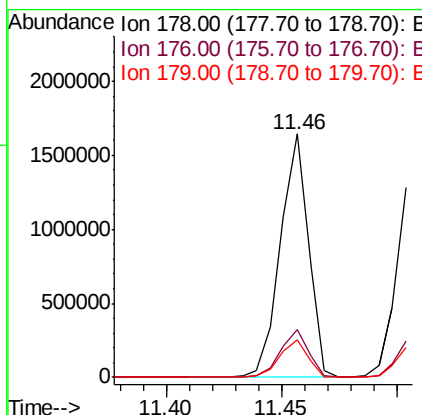
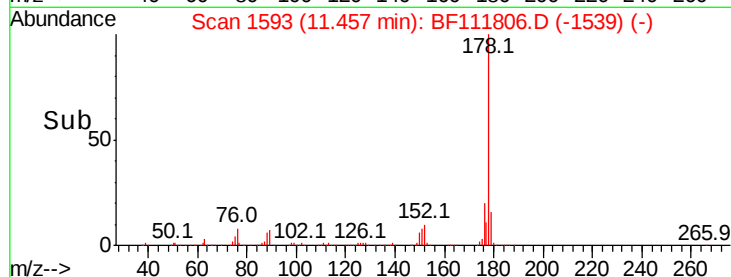
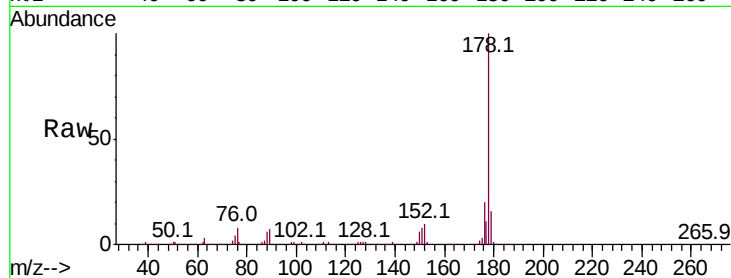
#71
Phenanthrene
Concen: 44.417 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion:178 Resp: 1384097
Ion Ratio Lower Upper
178 100
176 19.8 18.1 27.1
179 15.7 14.0 21.0

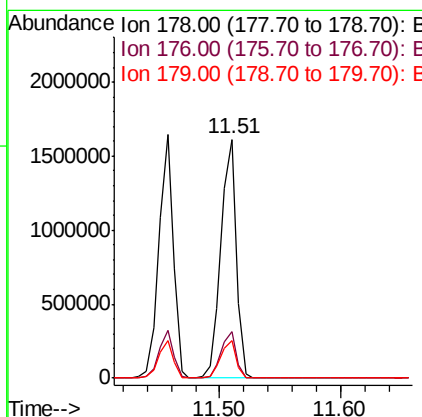
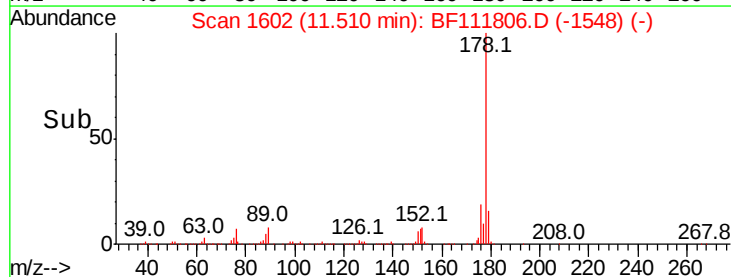
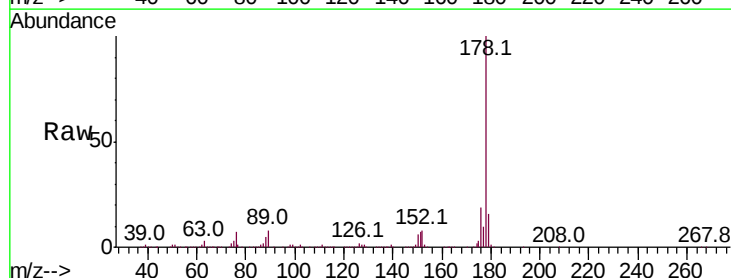
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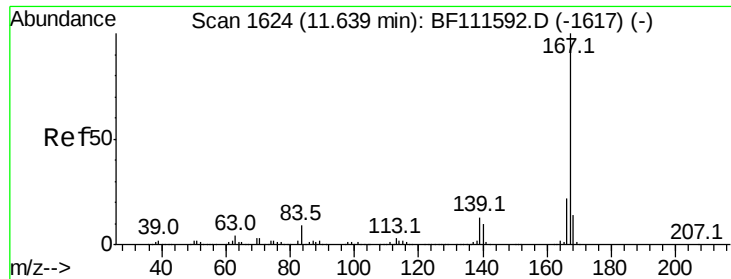
Sohil
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#72
Anthracene
Concen: 45.261 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion:178 Resp: 1415670
Ion Ratio Lower Upper
178 100
176 19.3 17.2 25.8
179 15.9 13.8 20.8





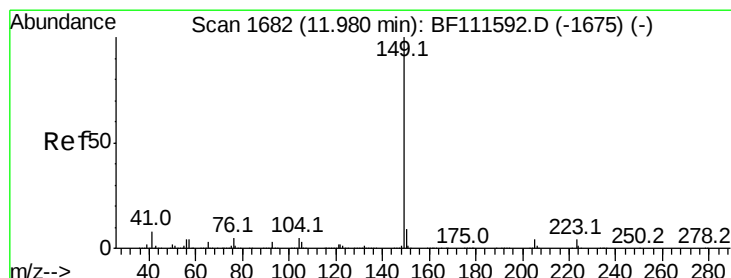
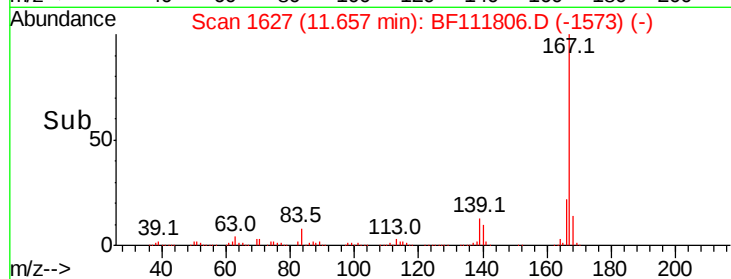
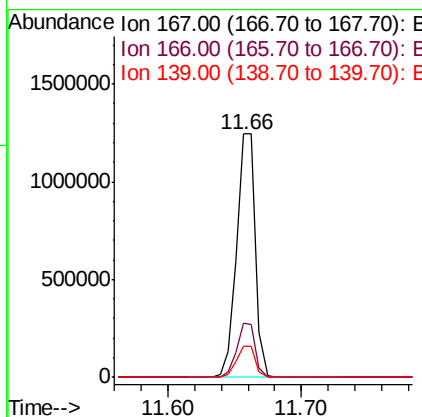
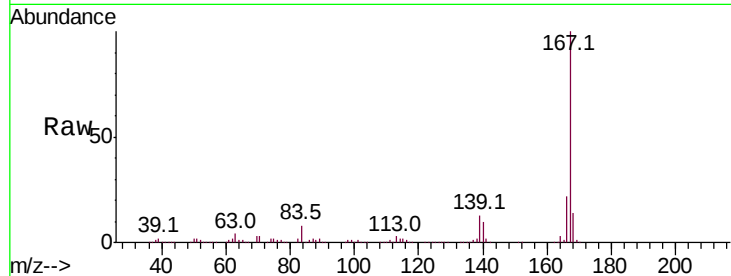
#73
 Carbazole
 Concen: 40.391 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	12.9	11.9	17.9

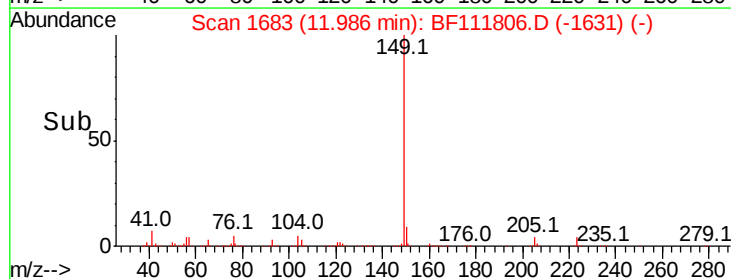
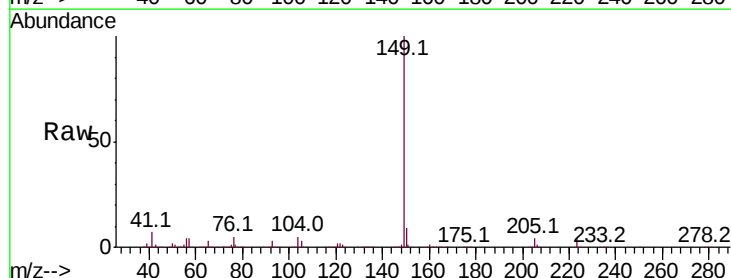
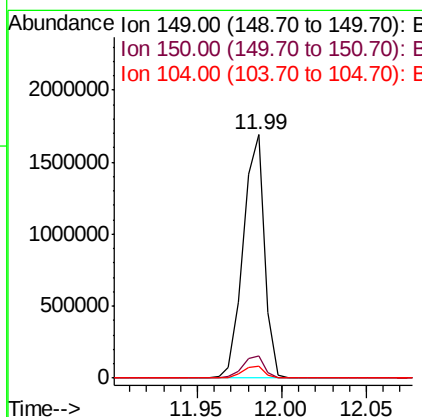
Manual Integrations
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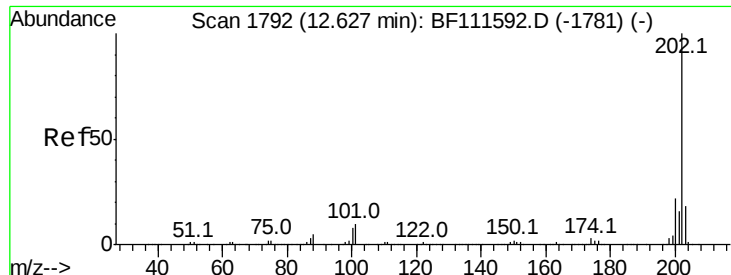
Sohil
 1/3/2019 10:59:31 AM



#74
 Di-n-butylphthalate
 Concen: 43.512 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.8	4.5	6.7





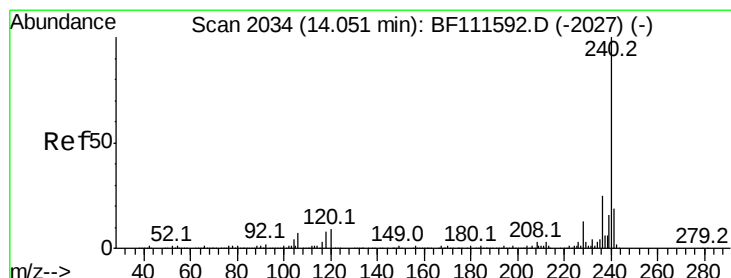
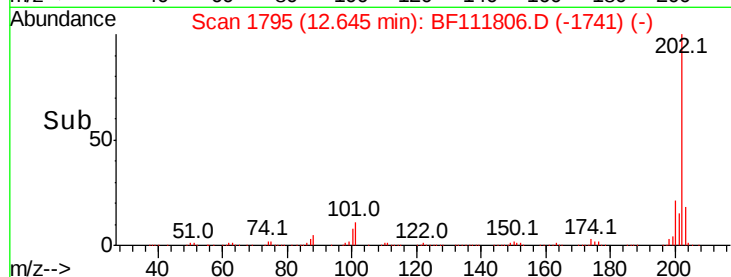
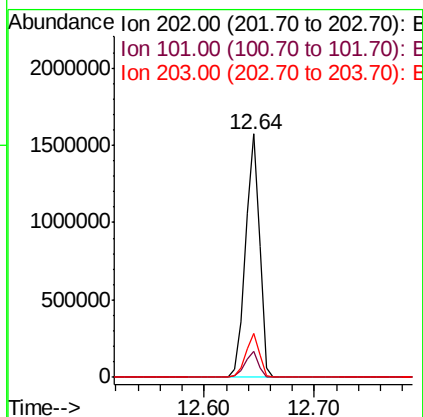
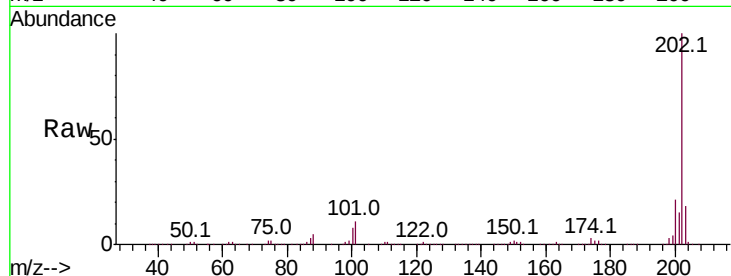
#75
 Fluoranthene
 Concen: 44.355 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1399652		
101	10.6	0.0	33.8	
203	17.8	0.0	38.6	

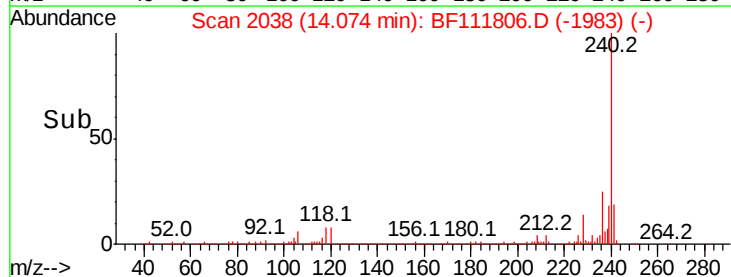
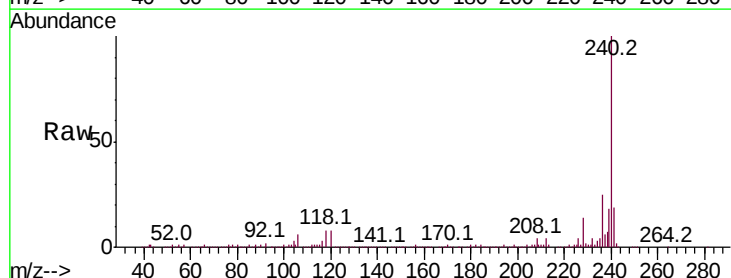
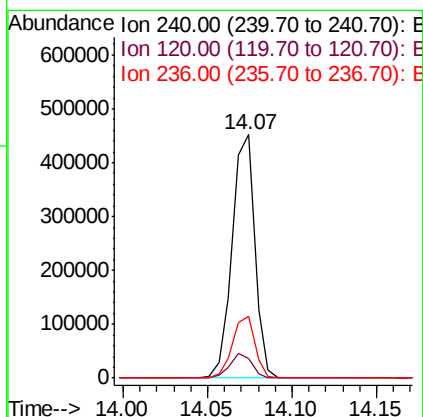
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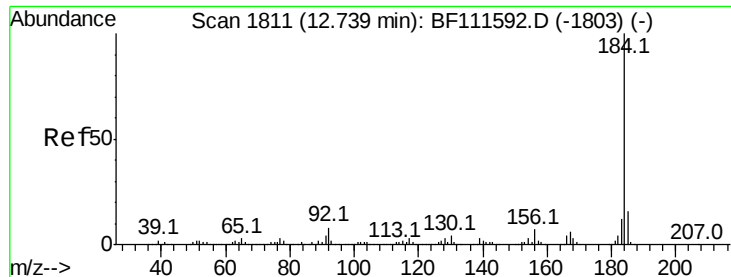
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111806.D
 Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	420873		
120	8.3	12.2	18.2#	
236	25.5	20.2	30.2	





#77

Benzidine

Concen: 29.369 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

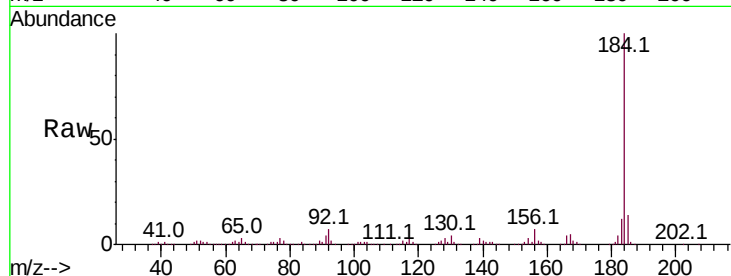
ClientSampleId :

PB116072BSD

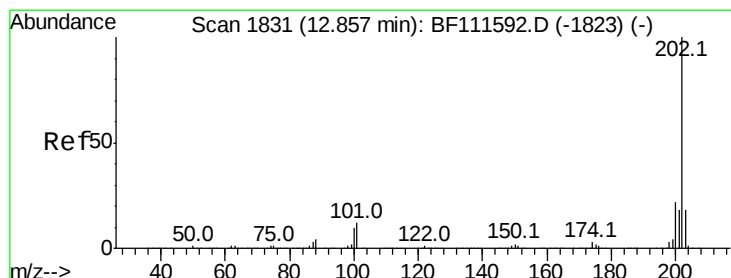
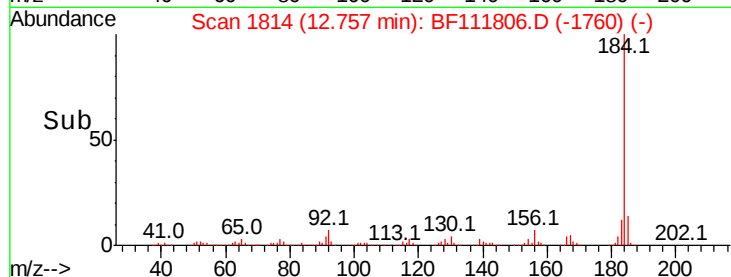
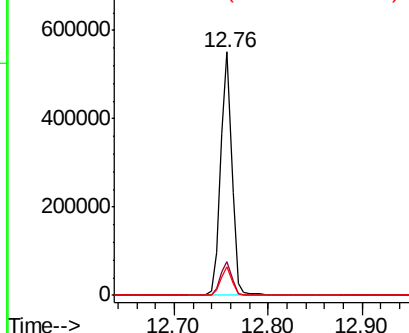
Tot Ion:	184	Resp:	465121
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.0	19.6
183	12.0	9.3	13.9

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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: 46.786 ng

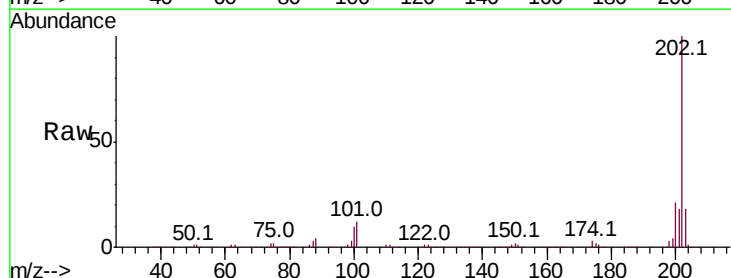
RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

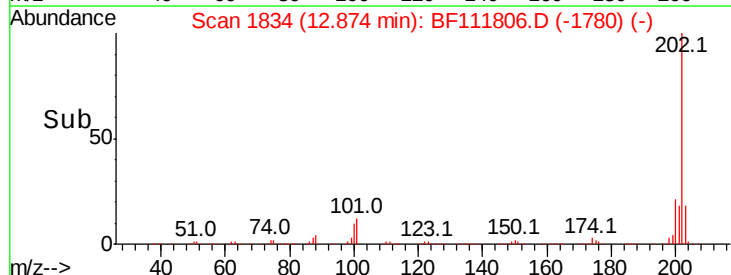
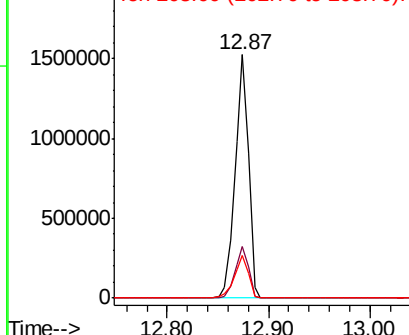
Lab File: BF111806.D

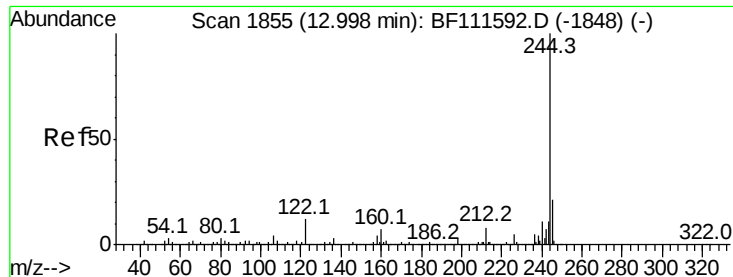
Acq: 2 Jan 2019 12:54

Tgt Ion:	202	Resp:	1390539
Ion Ratio	Lower	Upper	
202	100		
200	21.4	19.0	28.4
203	17.5	15.2	22.8



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: 76.423 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:244 Resp: 1696058

Ion Ratio Lower Upper

244 100

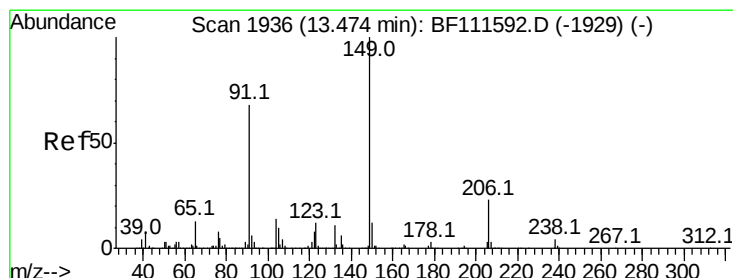
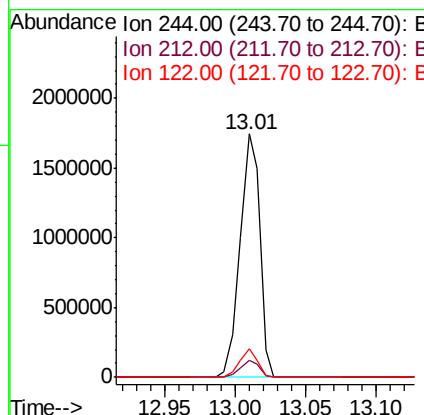
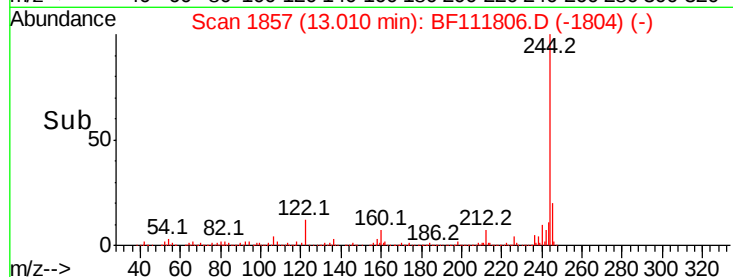
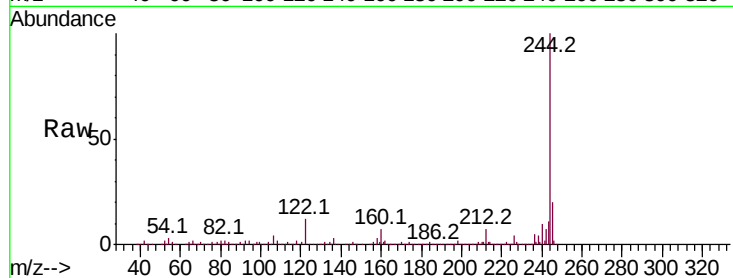
212 7.2 5.7 8.5

122 11.6 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 47.206 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

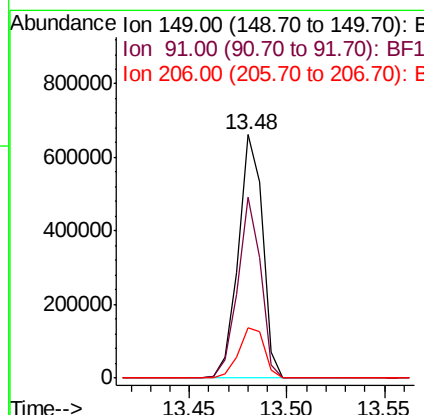
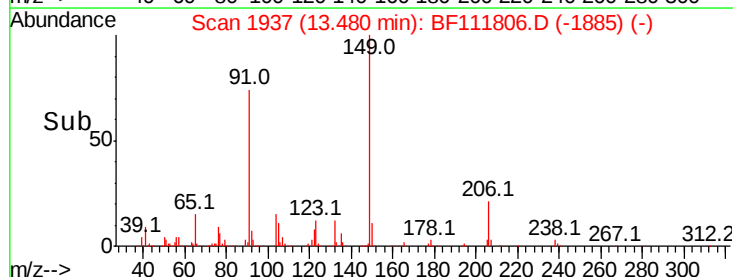
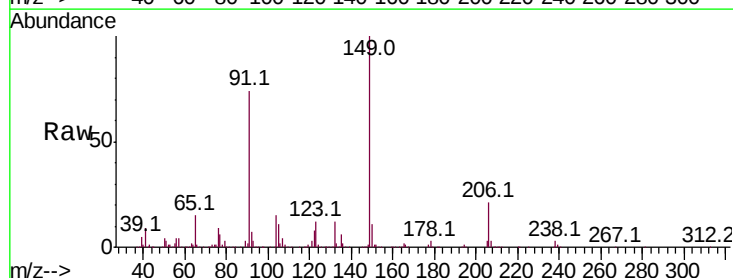
Tgt Ion:149 Resp: 571905

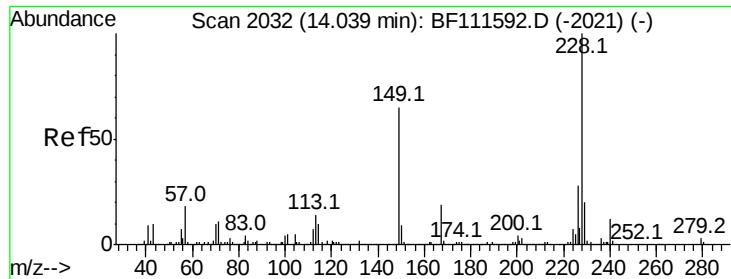
Ion Ratio Lower Upper

149 100

91 74.3 63.8 95.6

206 20.9 15.1 22.7





#81

Benzo(a)anthracene

Concen: 46.234 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

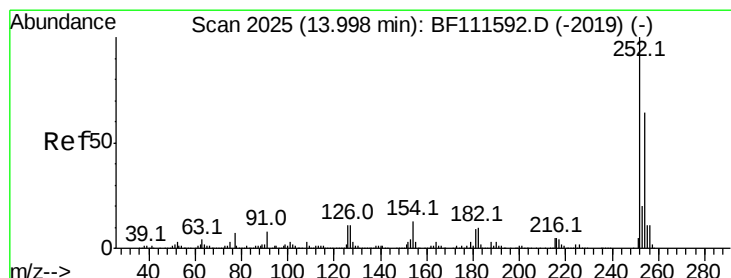
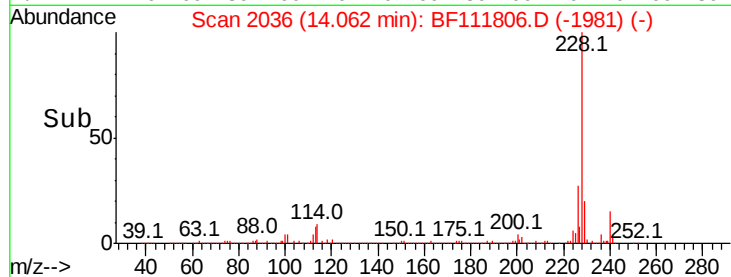
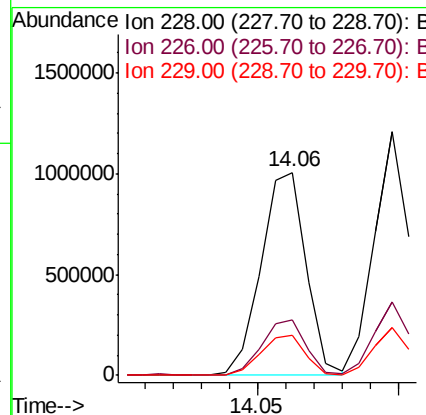
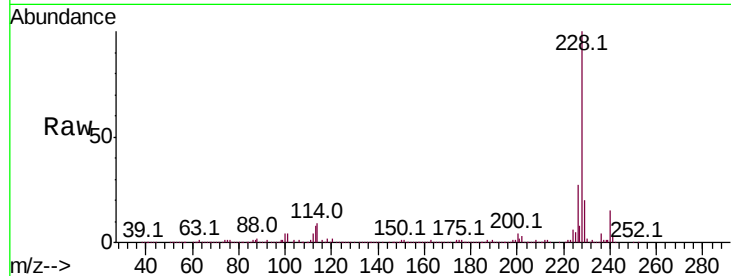
PB116072BSD

Tot Ion:228 Resp: 1110493

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.6	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 26.775 ng

RT: 14.02 min Scan# 2028

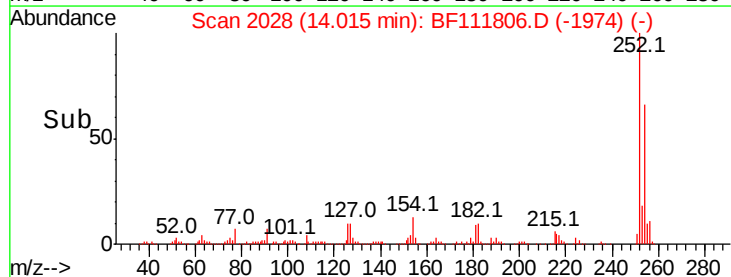
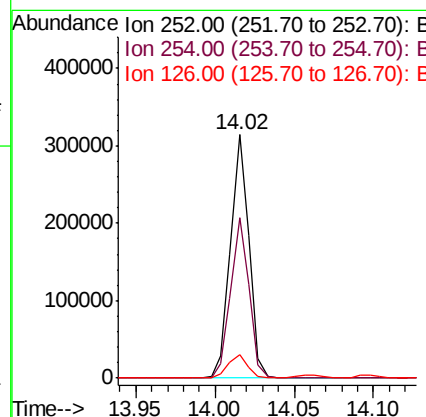
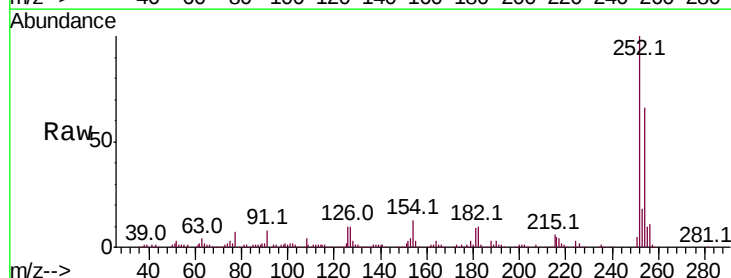
Delta R.T. 0.02 min

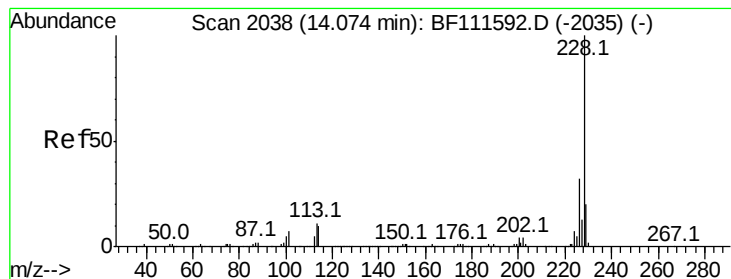
Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion:252 Resp: 254095

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.7	79.1
126	9.6	11.1	16.7#





#83

Chrysene

Concen: 42.924 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:228 Resp: 1013303

Ion Ratio Lower Upper

228 100

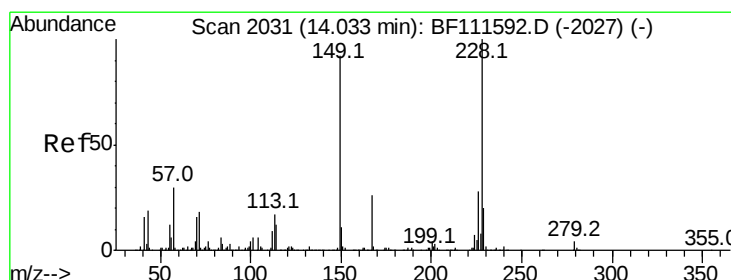
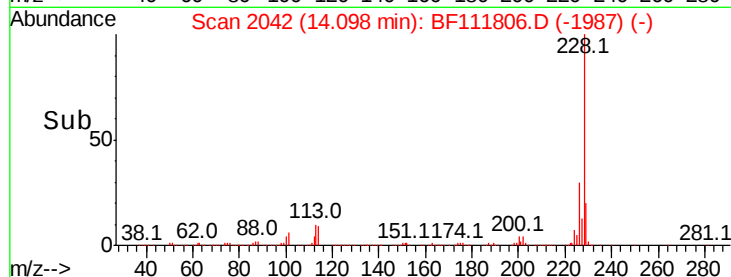
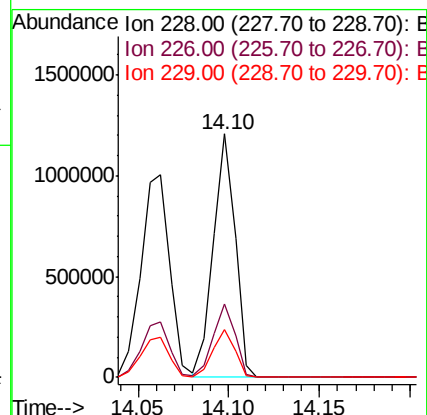
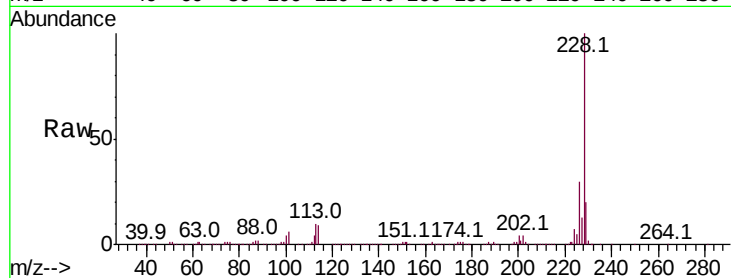
226 30.0 25.3 37.9

229 19.7 17.2 25.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.952 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

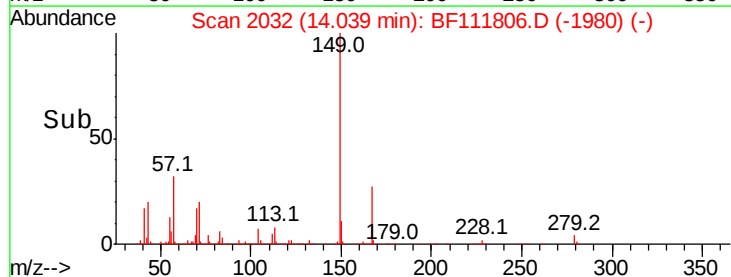
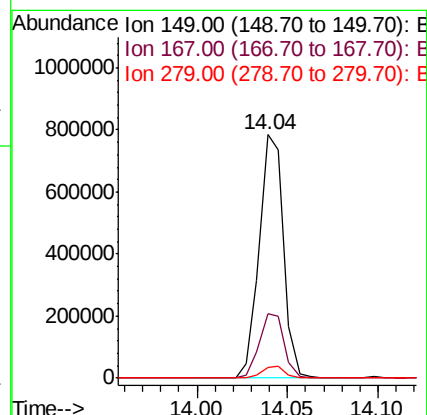
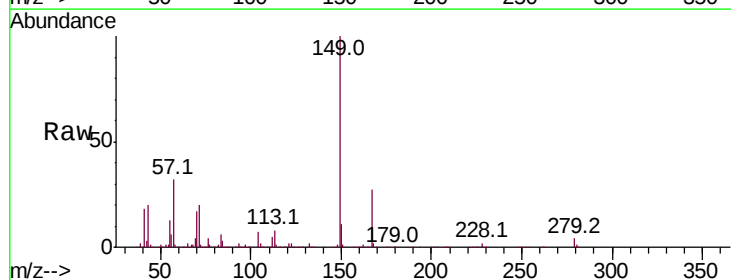
Tgt Ion:149 Resp: 731759

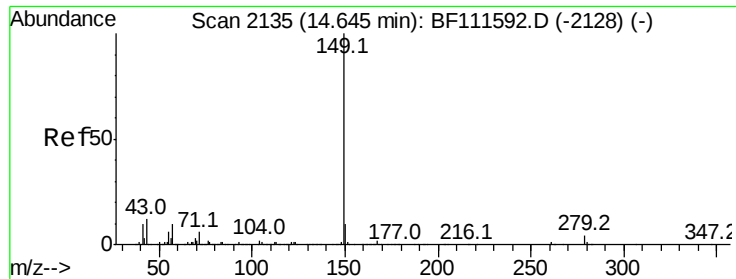
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 43.697 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB116072BSD

Tot Ion:149 Resp: 1033141

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

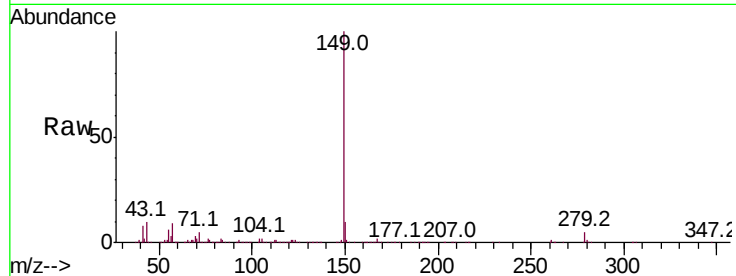
43 11.2 10.9 16.3

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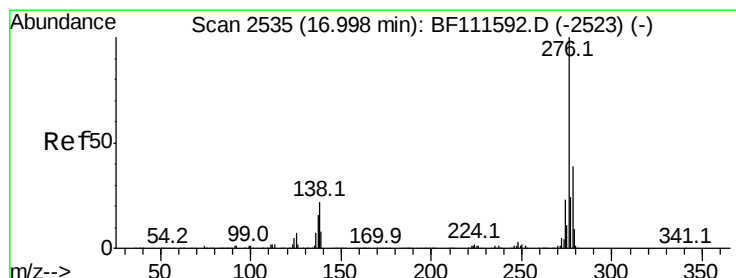
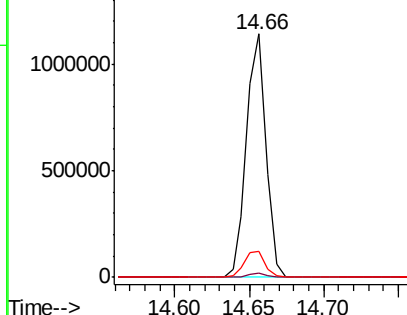
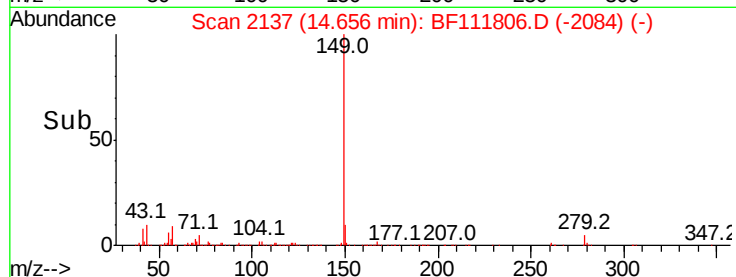


Abundance

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: 45.065 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

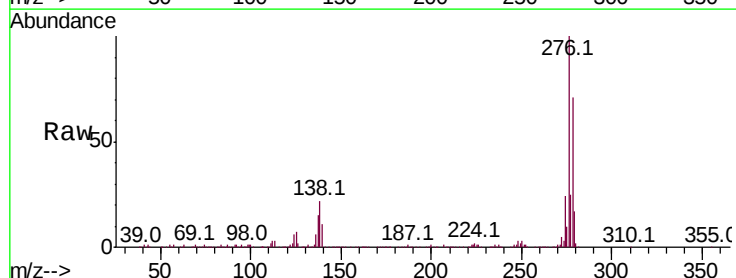
Tgt Ion:276 Resp: 904379

Ion Ratio Lower Upper

276 100

138 21.7 27.8 41.6#

277 25.1 20.1 30.1

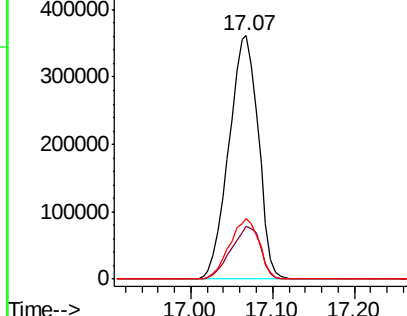
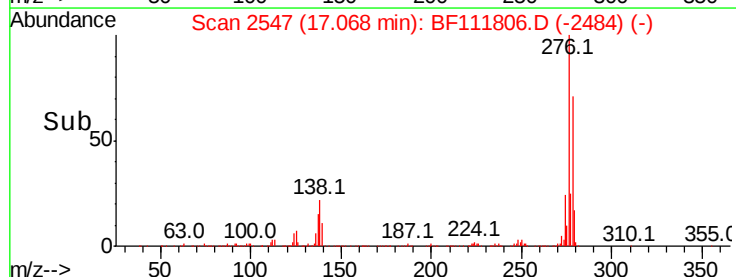


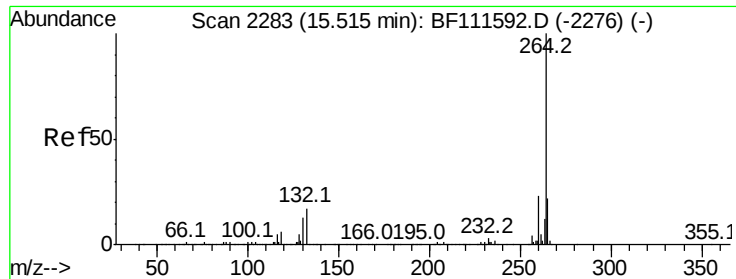
Abundance

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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Instrument :

BNA_F

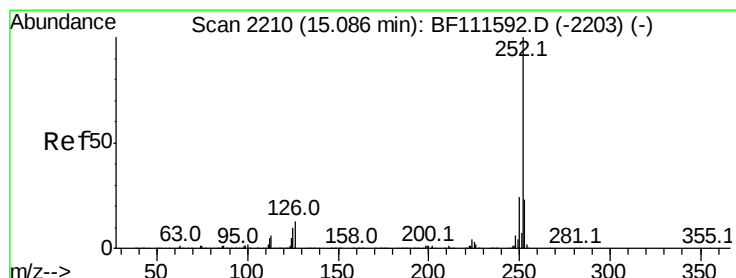
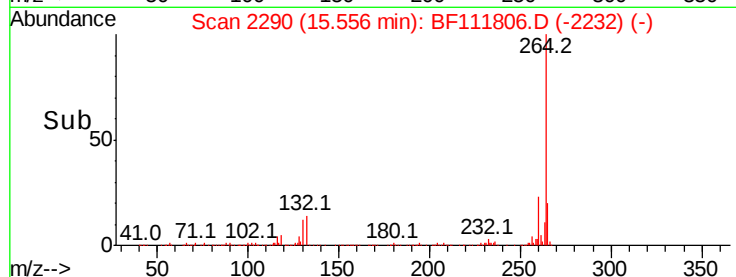
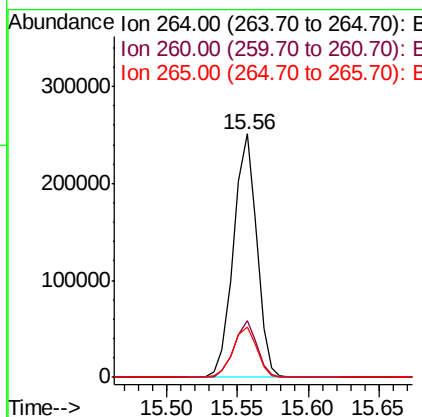
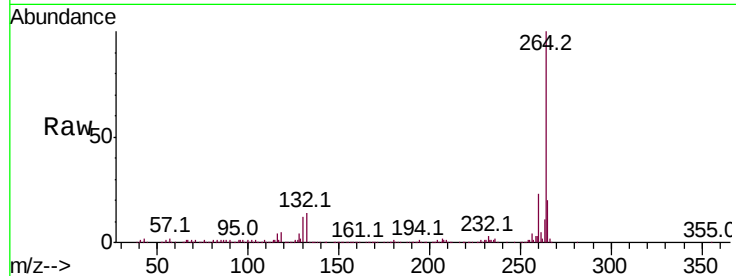
ClientSampleId :

PB116072BSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	18.3	27.5	
265	20.5	17.7	26.5	

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#88

Benzo(b)fluoranthene

Concen: 47.385 ng

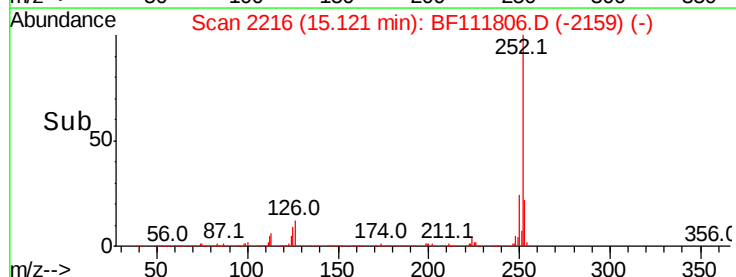
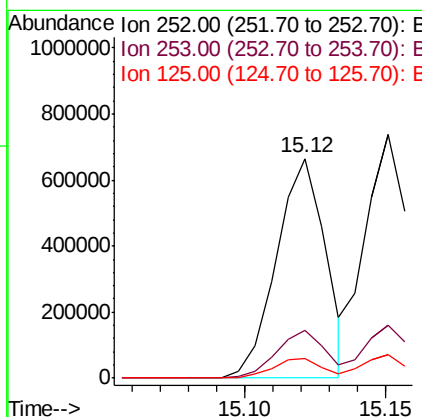
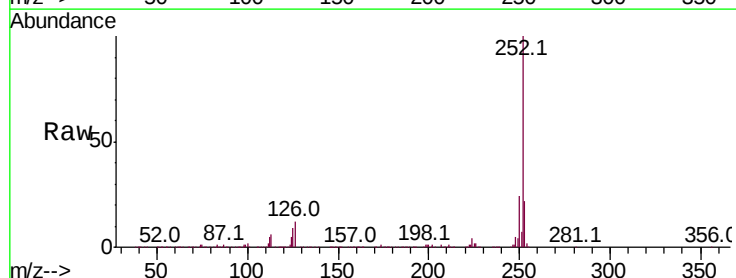
RT: 15.12 min Scan# 2216

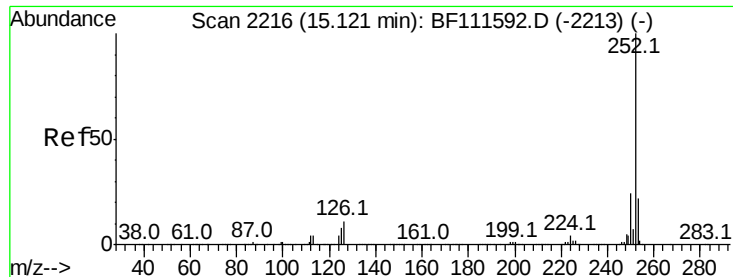
Delta R.T. 0.04 min

Lab File: BF111806.D

Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	18.2	27.2	
125	9.1	10.4	15.6	





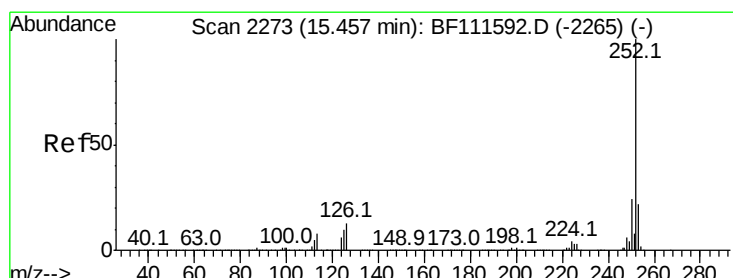
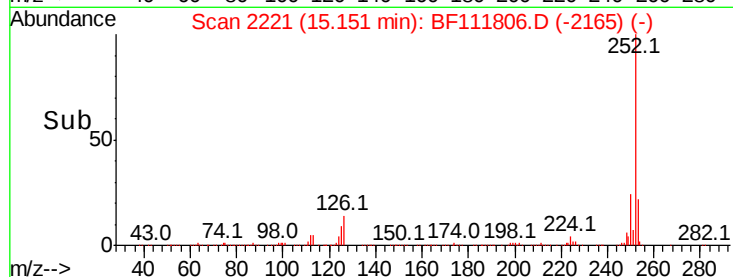
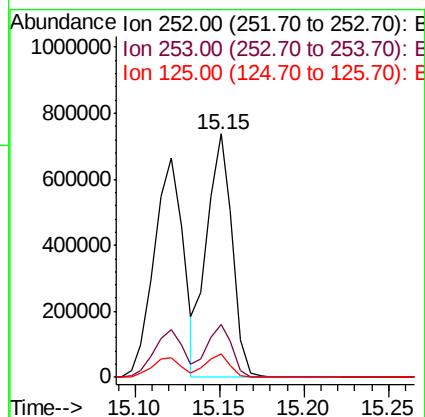
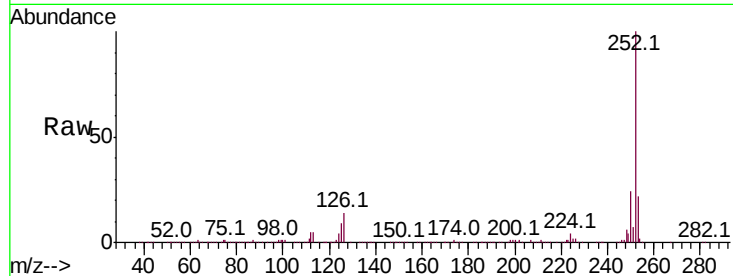
#89
Benzo(k)fluoranthene
Concen: 47.919 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.5	9.8	14.8#

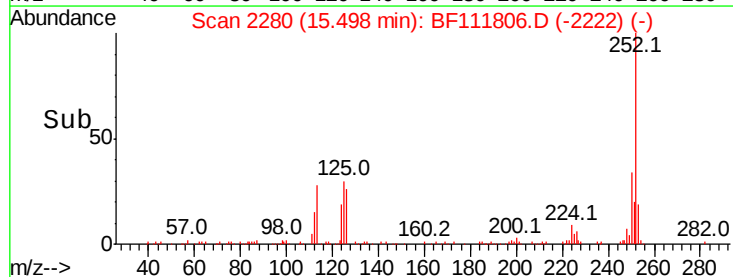
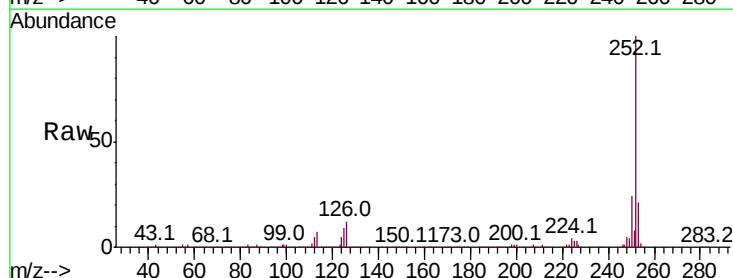
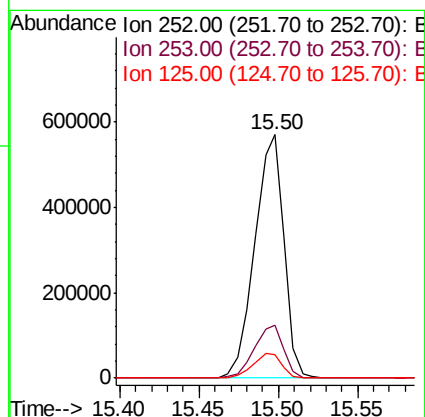
Manual Integrations
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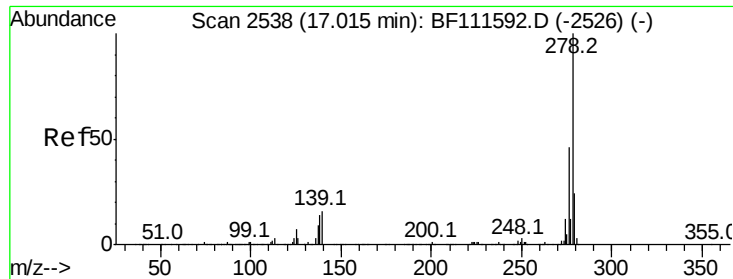
Sohil
1/3/2019 10:59:31 AM



#90
Benzo(a)pyrene
Concen: 47.666 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.5	12.3	18.5#





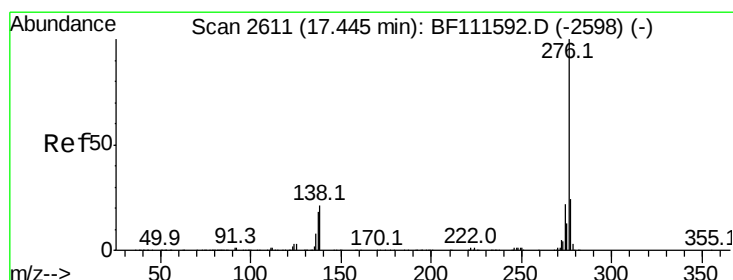
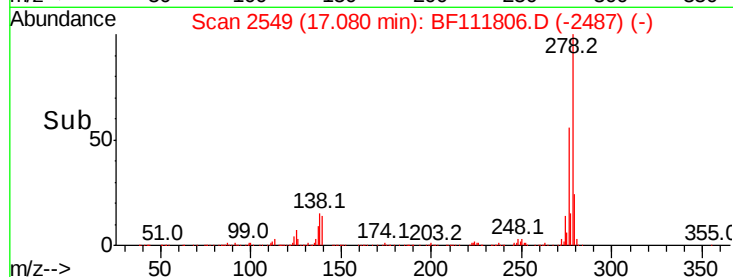
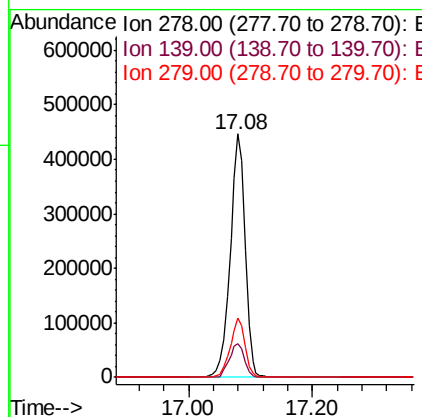
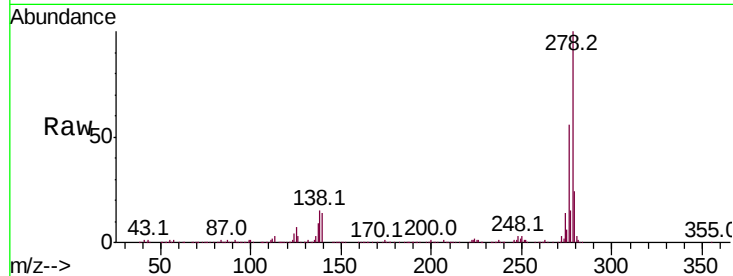
#91
Dibenzo(a,h)anthracene
Concen: 55.743 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.06 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	18.2	27.4#
279	24.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/3/2019 10:59:31 AM



#92
Benzo(g,h,i)perylene
Concen: 58.770 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.08 min
Lab File: BF111806.D
Acq: 2 Jan 2019 12:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	18.6	24.9	37.3#

