

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111717.D
 Acq On : 26 Dec 2018 15:52
 Operator : JU/SJ
 Sample : PB115960BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Manual Integrations
 APPROVED

Sohil
 12/27/2018 8:22:22 AM

Quant Time: Dec 26 16:26:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 26 13:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183615	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	680680	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	357919	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	681743	20.00	ng	0.00
76) Chrysene-d12	14.06	240	494302	20.00	ng	0.00
87) Perylene-d12	15.54	264	361837	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1300104	120.69	ng	0.01
7) Phenol-d6	6.55	99	1664981	121.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	894165	76.46	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	567002	134.07	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1781827	72.56	ng	0.00
79) Terphenyl-d14	13.01	244	1977730	75.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	267906	52.860	ng	96
3) Pyridine	3.57	79	502869	38.085	ng	98
4) n-Nitrosodimethylamine	3.52	42	279007	43.176	ng	# 81
6) Aniline	6.56	93	520601	29.791	ng	# 80
8) 2-Chlorophenol	6.69	128	494907	41.474	ng	98
9) Benzaldehyde	6.45	77	143091	15.176	ng	95
10) Phenol	6.56	94	590123	38.151	ng	80
11) bis(2-Chloroethyl)ether	6.63	93	457672	39.485	ng	95
12) 1,3-Dichlorobenzene	6.85	146	560117	40.503	ng	99
13) 1,4-Dichlorobenzene	6.92	146	562468	40.105	ng	97
14) 1,2-Dichlorobenzene	7.07	146	530638	40.553	ng	98
15) Benzyl Alcohol	7.04	79	454864	41.777	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	787730	36.900	ng	98
17) 2-Methylphenol	7.16	107	398264	41.682	ng	# 93
18) Hexachloroethane	7.42	117	200717	42.470	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	352307	38.696	ng	94
20) 3+4-Methylphenols	7.31	107	495207	41.017	ng	95
22) Acetophenone	7.31	105	666701	38.662	ng	# 97
24) Nitrobenzene	7.48	77	532282	43.429	ng	99
25) Isophorone	7.72	82	947010	45.617	ng	98
26) 2-Nitrophenol	7.80	139	256471	51.596	ng	94
27) 2,4-Dimethylphenol	7.84	122	446372	45.554	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	588277	42.583	ng	98
29) 2,4-Dichlorophenol	8.05	162	452074	42.893	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	482079	41.047	ng	98
31) Naphthalene	8.21	128	1446617	44.231	ng	96
32) Benzoic acid	7.96	122	300282	46.349	ng	88
33) 4-Chloroaniline	8.25	127	341749	24.176	ng	99
34) Hexachlorobutadiene	8.33	225	288321	40.280	ng	97
35) Caprolactam	8.62	113	151325m	42.372	ng	
36) 4-Chloro-3-methylphenol	8.74	107	447049	43.150	ng	99
37) 2-Methylnaphthalene	8.90	142	1001355	47.059	ng	99
38) 1-Methylnaphthalene	9.00	142	941666	46.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	463140	39.379	ng	98

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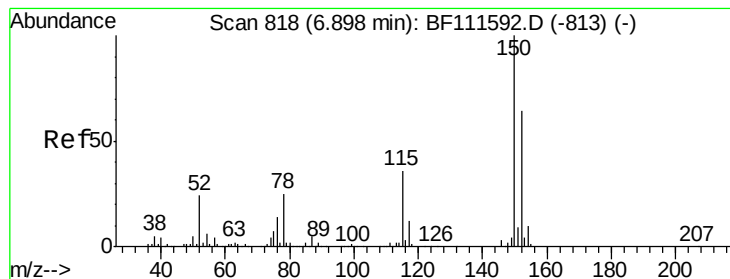
Manual Integrations
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 12/27/2018 8:22:22 AM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	638622	111.896	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	328435	41.826	nq	100
44) 2,4,5-Trichlorophenol	9.22	196	347527	43.140	nq	91
46) 1,1'-Biphenyl	9.36	154	1210969	40.080	nq	95
47) 2-Chloronaphthalene	9.39	162	954520	39.875	nq	95
48) 2-Nitroaniline	9.47	65	294743	47.329	nq	98
49) Acenaphthylene	9.80	152	1527186	43.695	nq	96
50) Dimethylphthalate	9.66	163	1127076	43.062	nq	98
51) 2,6-Dinitrotoluene	9.72	165	248325	47.581	nq #	87
52) Acenaphthene	9.97	154	1035331	48.029	nq	98
53) 3-Nitroaniline	9.89	138	183875	33.035	nq	96
54) 2,4-Dinitrophenol	9.99	184	253249	144.699	nq	94
55) Dibenzofuran	10.15	168	1366704	41.966	nq	93
56) 4-Nitrophenol	10.06	139	413183	97.271	nq	87
57) 2,4-Dinitrotoluene	10.12	165	331744	52.888	nq	93
58) Fluorene	10.49	166	1058498	45.105	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	308925	45.568	nq	91
60) Diethylphthalate	10.36	149	1101435	42.900	nq	98
61) 4-Chlorophenyl-phenylether	10.48	204	528761	40.782	nq	92
62) 4-Nitroaniline	10.50	138	253991	46.951	nq	88
63) Azobenzene	10.64	77	1052545	40.835	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	159233	55.327	nq	80
66) n-Nitrosodiphenylamine	10.60	169	936100	40.905	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	345893	40.906	nq	95
68) Hexachlorobenzene	11.05	284	382953	40.619	nq #	90
69) Atrazine	11.12	200	322216	40.529	nq	96
70) Pentachlorophenol	11.23	266	413483	70.941	nq	95
71) Phenanthrene	11.45	178	1569947	43.422	nq	95
72) Anthracene	11.50	178	1612201	44.425	nq	96
73) Carbazole	11.66	167	1388649	39.413	nq	96
74) Di-n-butylphthalate	11.99	149	1691291	42.813	nq #	96
75) Fluoranthene	12.64	202	1576511	43.059	nq	97
77) Benzidine	12.75	184	668344	35.932	nq	97
78) Pyrene	12.87	202	1584414	45.390	nq	97
80) Butylbenzylphthalate	13.48	149	656322	46.127	nq	89
81) Benzo(a)anthracene	14.06	228	1248012	44.241	nq	98
82) 3,3'-Dichlorobenzidine	14.01	252	286298	25.687	nq	97
83) Chrysene	14.09	228	1151042	41.515	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	814971	45.471	nq #	99
85) Di-n-octyl phthalate	14.66	149	1173145	42.247	nq	95
86) Indeno(1,2,3-cd)pyrene	17.04	276	945386	40.110	nq #	88
88) Benzo(b)fluoranthene	15.12	252	966104	45.685	nq #	95
89) Benzo(k)fluoranthene	15.14	252	913743	45.386	nq #	97
90) Benzo(a)pyrene	15.49	252	876139	45.603	nq #	94
91) Dibenzo(a,h)anthracene	17.06	278	794114	47.202	nq #	92
92) Benzo(g,h,i)perylene	17.50	276	797403	48.539	nq #	87

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



#1

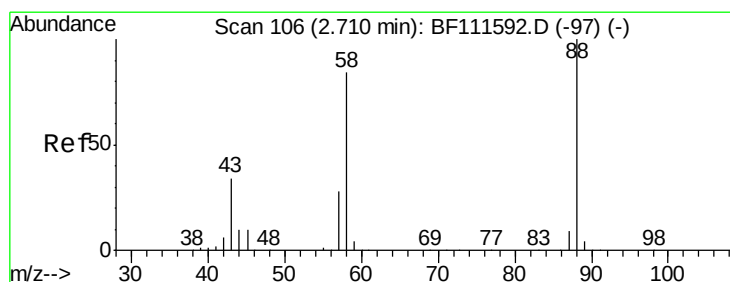
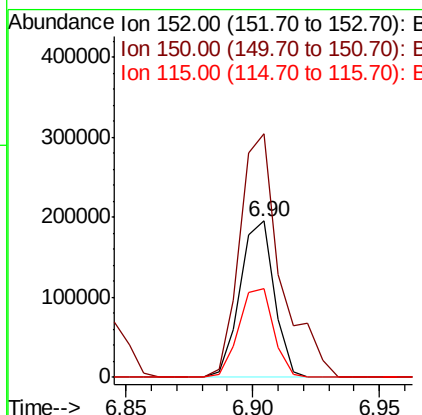
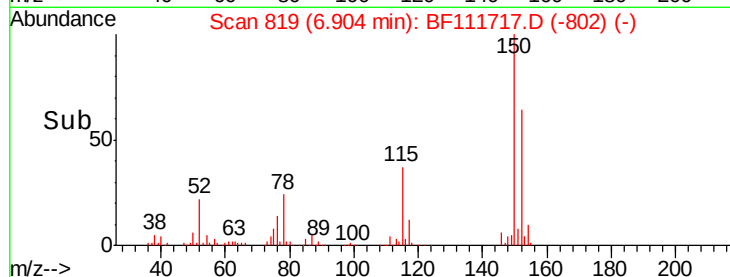
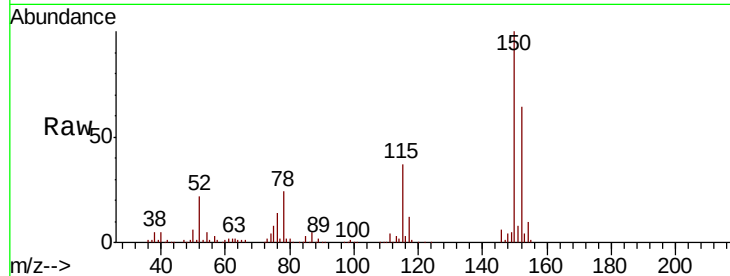
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	57.0	50.7	76.1

Manual Integrations
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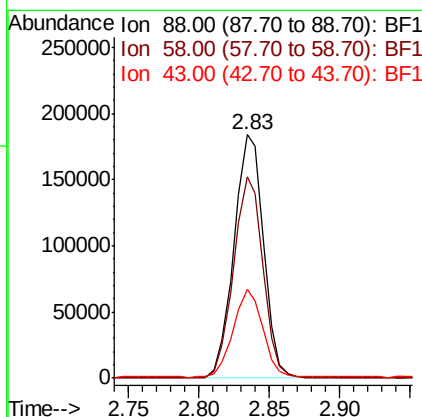
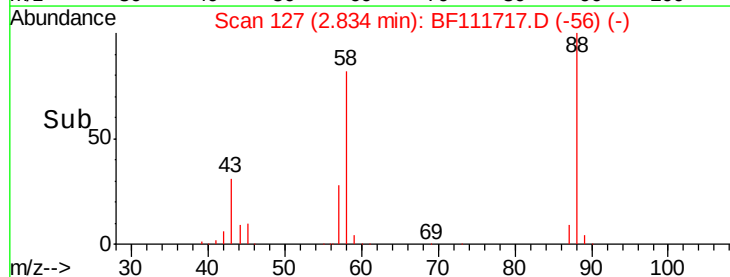
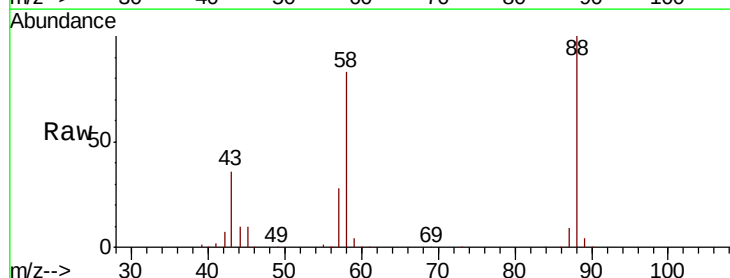
Sohil
12/27/2018 8:22:22 AM

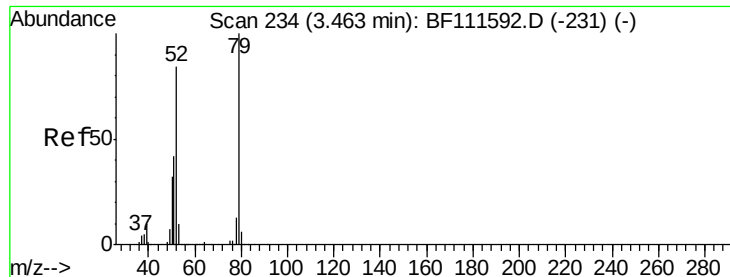


#2

1,4-Dioxane
Concen: 52.860 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.12 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	68.9	103.3
43	36.2	25.8	38.6





#3

Pvridine

Concen: 38.085 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.09 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

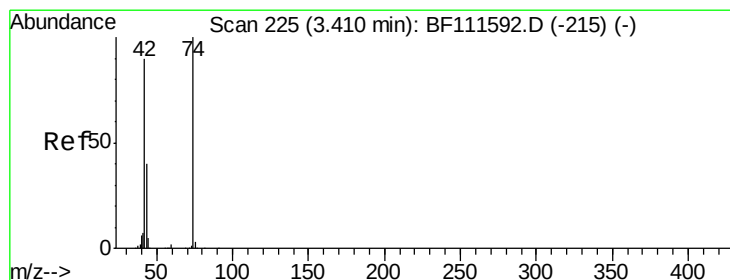
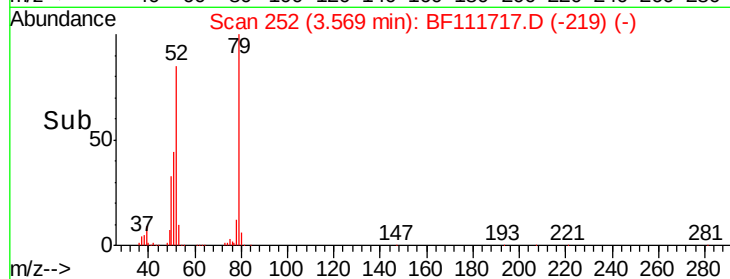
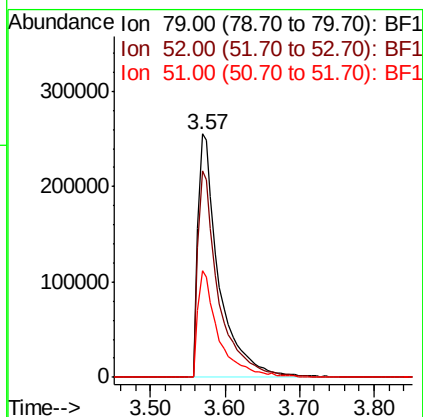
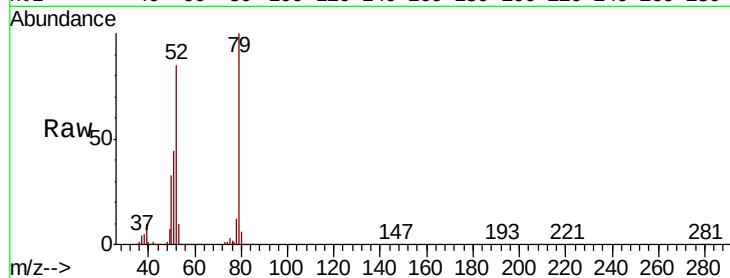
ClientSampleId :

PB115960BS

Tot Ion:	79	Resp:	502869
Ion	Ratio	Lower	Upper
79	100		
52	84.9	68.3	102.5
51	43.9	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 43.176 ng

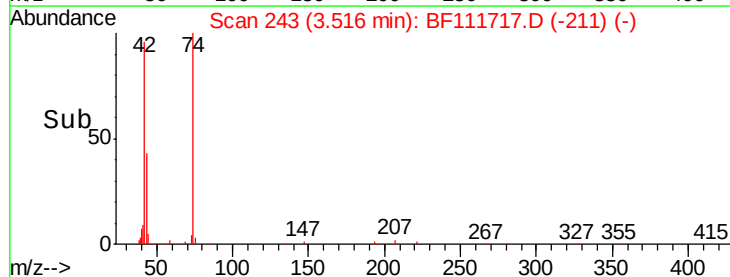
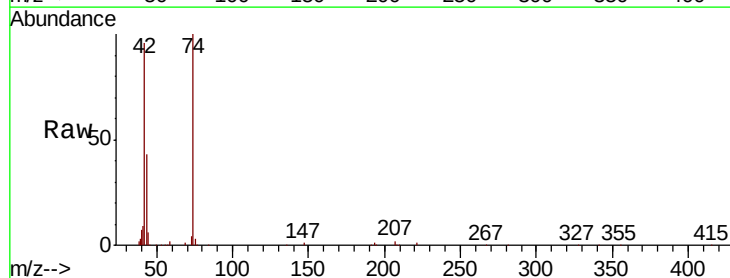
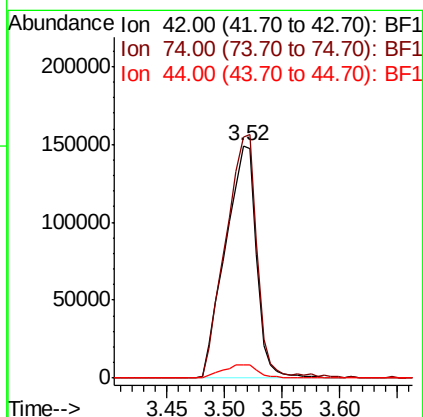
RT: 3.52 min Scan# 243

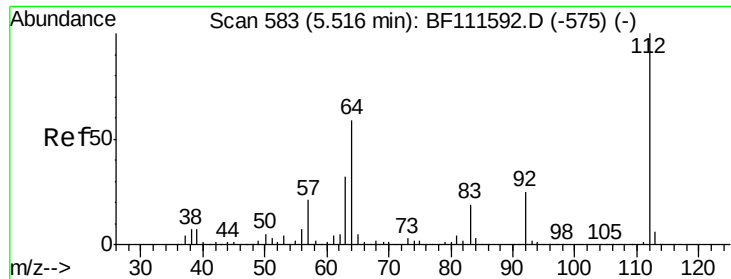
Delta R.T. 0.09 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	42	Resp:	279007
Ion	Ratio	Lower	Upper
42	100		
74	103.6	101.5	152.3
44	5.8	6.0	9.0#





#5

2-Fluorophenol

Concen: 120.691 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

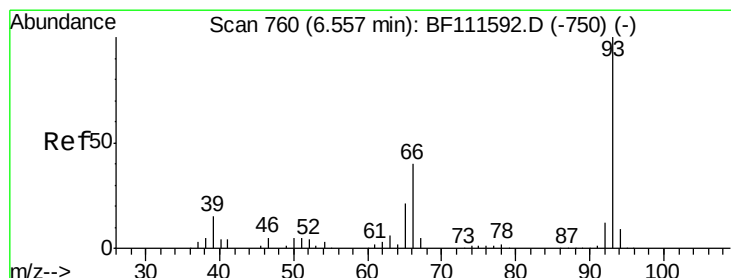
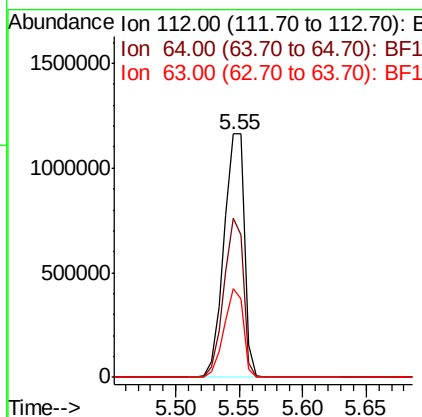
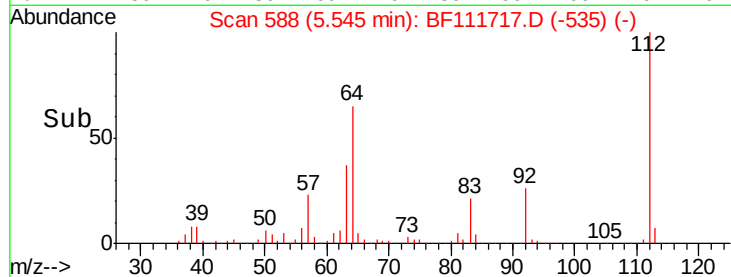
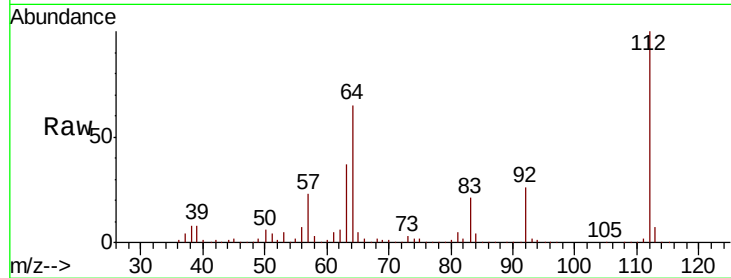
ClientSampleId :

PB115960BS

Tot Ion:	112	Resp:	1300104
Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.8	77.6
63	36.5	26.8	40.2

Manual Integrations
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#6

Aniline

Concen: 29.791 ng

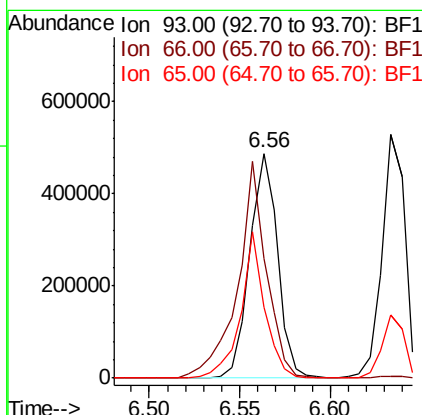
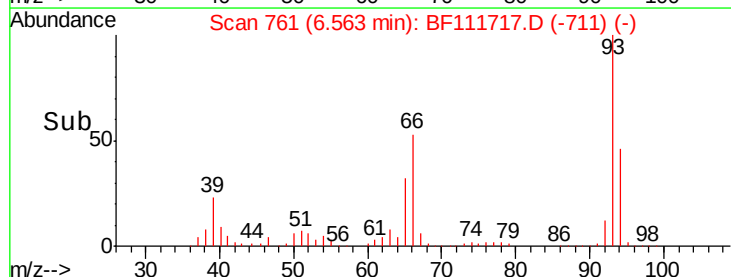
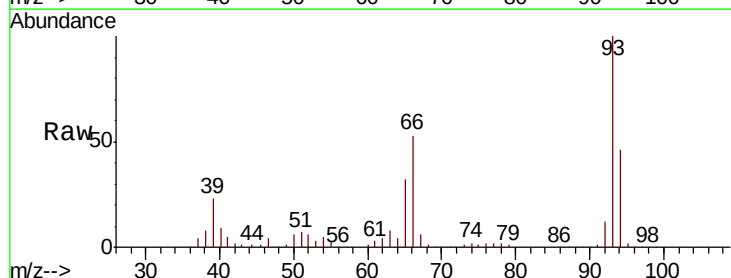
RT: 6.56 min Scan# 761

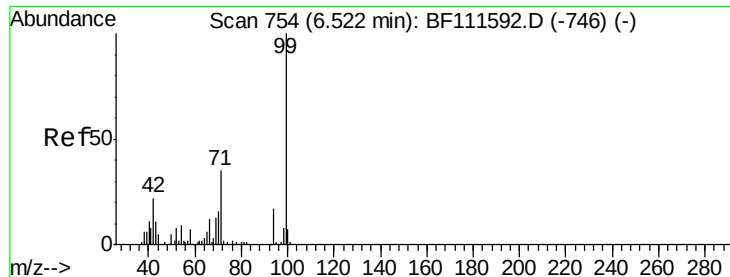
Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	93	Resp:	520601
Ion	Ratio	Lower	Upper
93	100		
66	53.5	33.2	49.8#
65	31.7	17.0	25.4#





#7

Phenol-d6

Concen: 121.450 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

ClientSampleId :

PB115960BS

Tot Ion: 99 Resp: 1664981

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

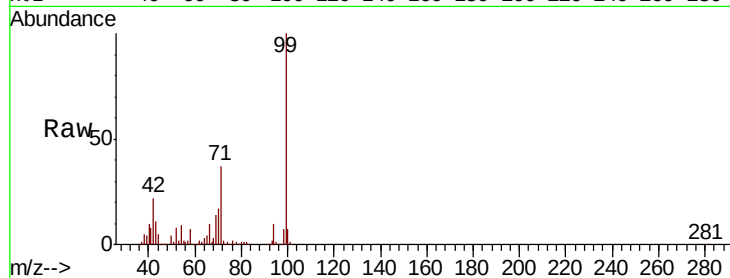
71 37.1 26.1 39.1

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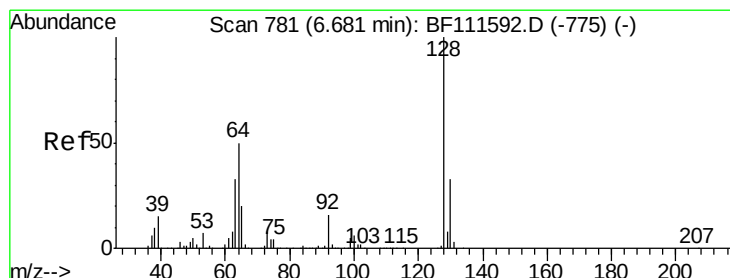
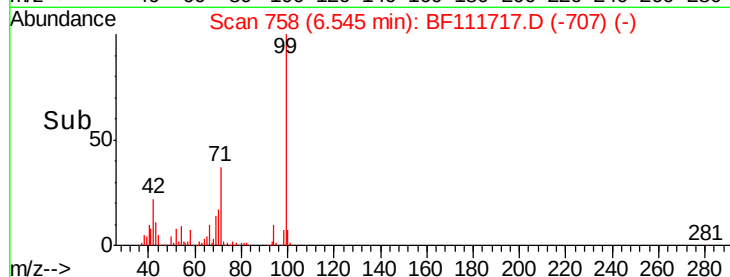
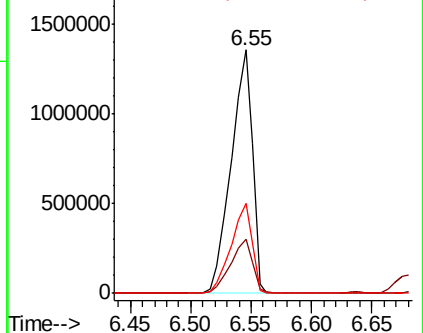
12/27/2018 8:22:22 AM



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: 41.474 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

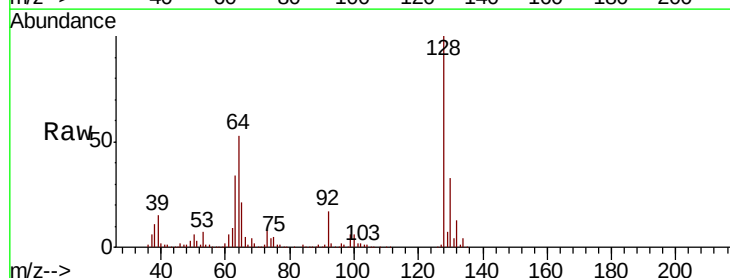
Tgt Ion:128 Resp: 494907

Ion Ratio Lower Upper

128 100

130 32.9 12.7 52.7

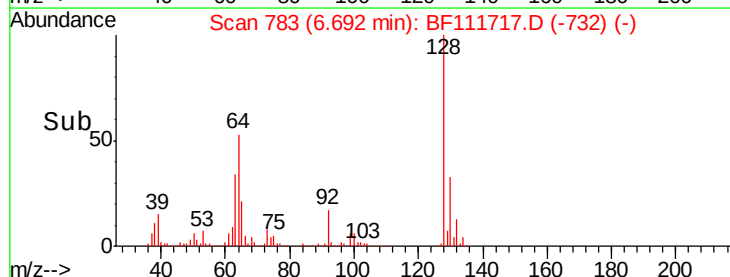
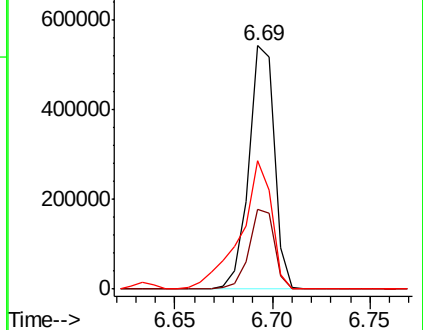
64 52.6 30.0 70.0

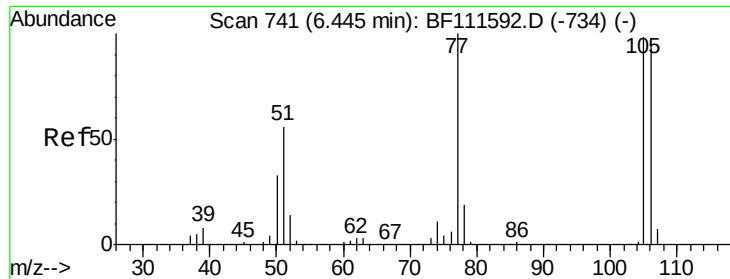


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.176 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

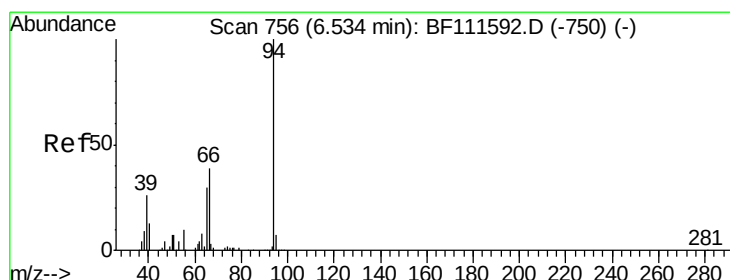
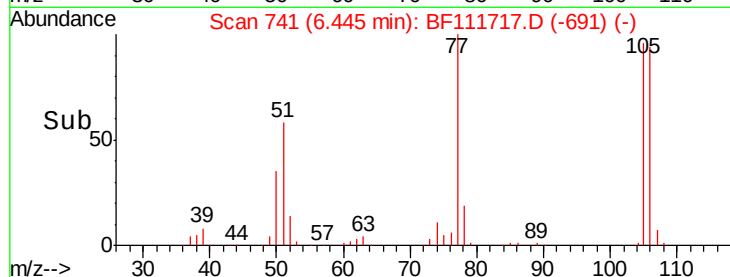
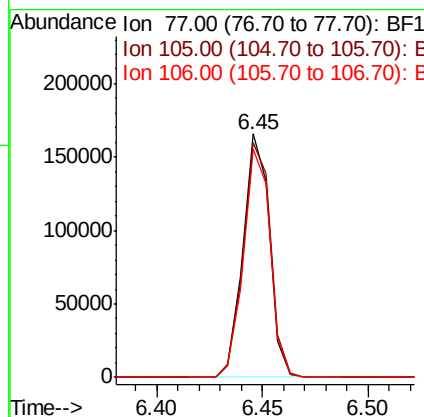
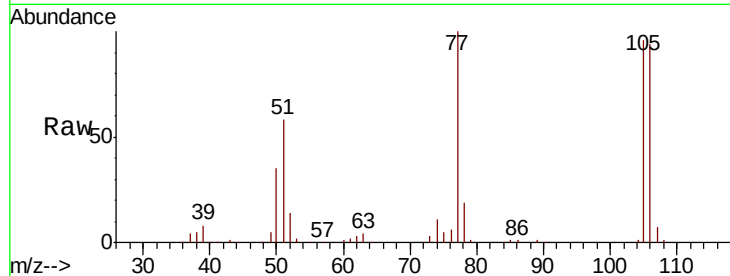
ClientSampleId :

PB115960BS

Tot Ion:	77	Resp:	143091
Ion	Ratio	Lower	Upper
77	100		
105	96.2	81.4	121.4
106	93.9	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 38.151 ng

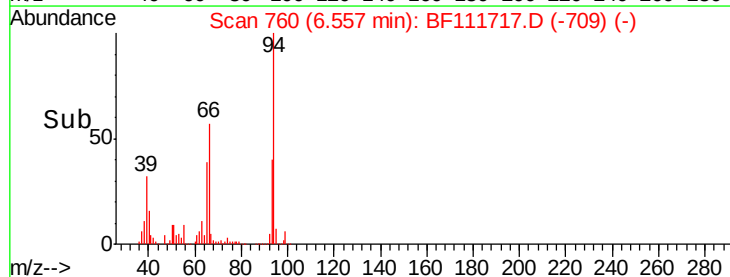
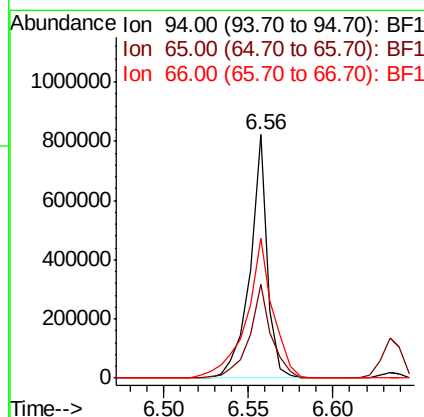
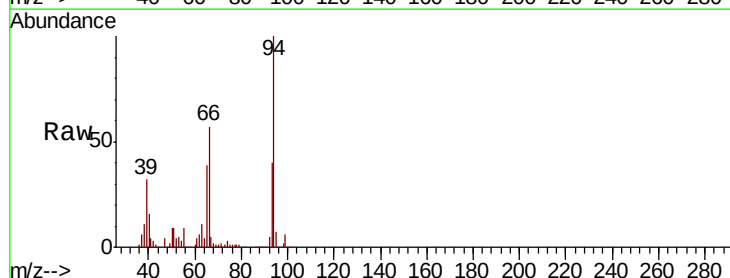
RT: 6.56 min Scan# 760

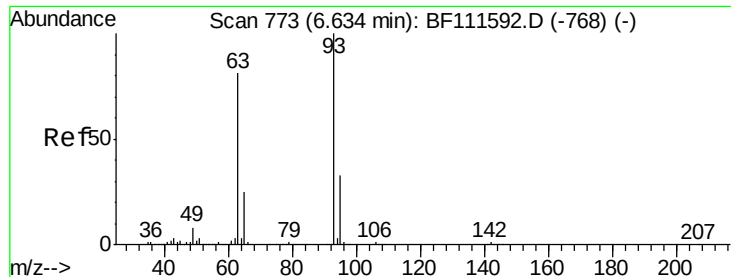
Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	94	Resp:	590123
Ion	Ratio	Lower	Upper
94	100		
65	38.6	11.7	51.7
66	57.3	21.0	61.0





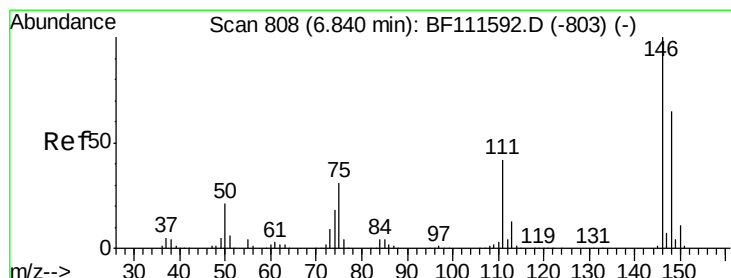
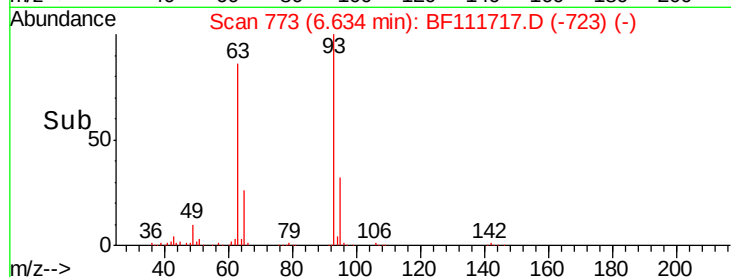
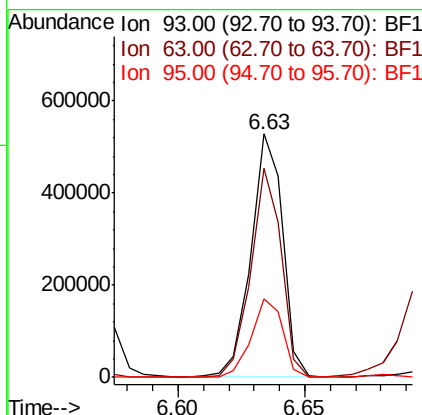
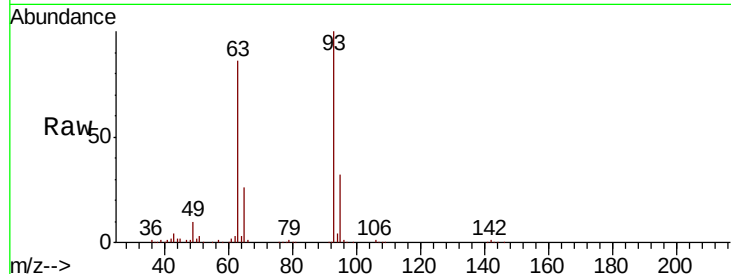
#11
bis(2-Chloroethyl)ether
Concen: 39.485 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		457672		
63	85.7	60.0	100.0		
95	32.1	13.4	53.4		

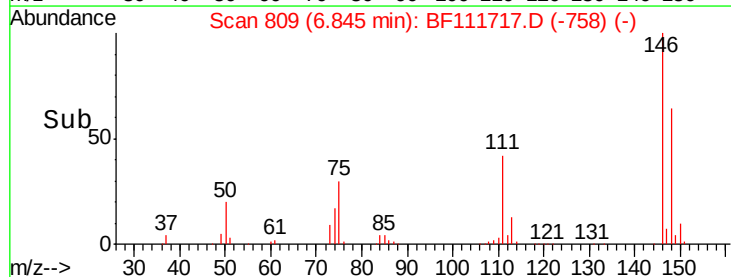
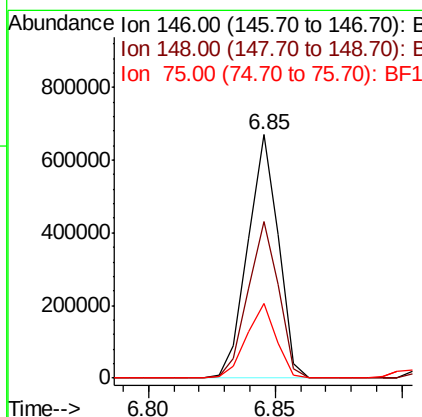
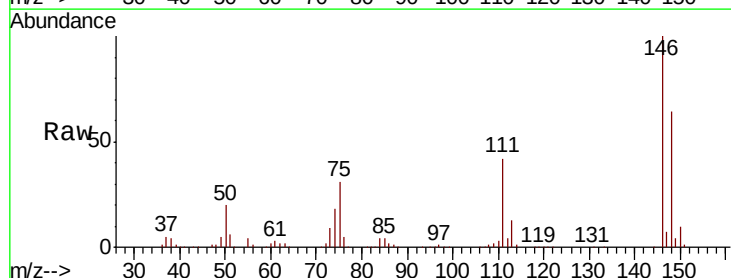
Manual Integrations
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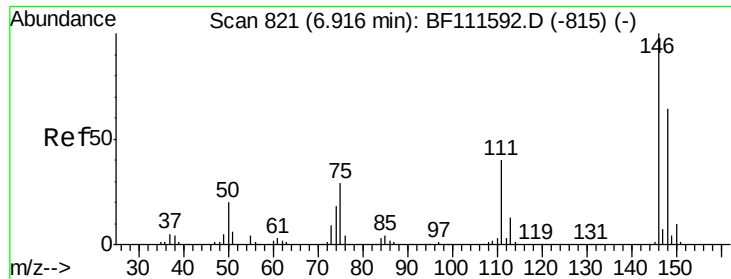
Sohil
12/27/2018 8:22:22 AM



#12
1,3-Dichlorobenzene
Concen: 40.503 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		560117		
148	64.1	52.1	78.1		
75	30.6	23.9	35.9		





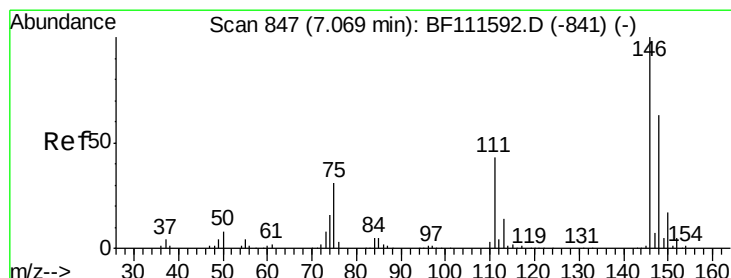
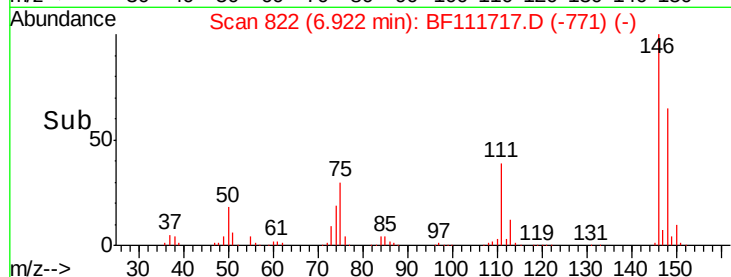
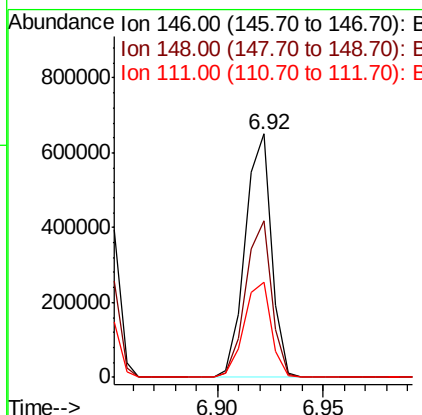
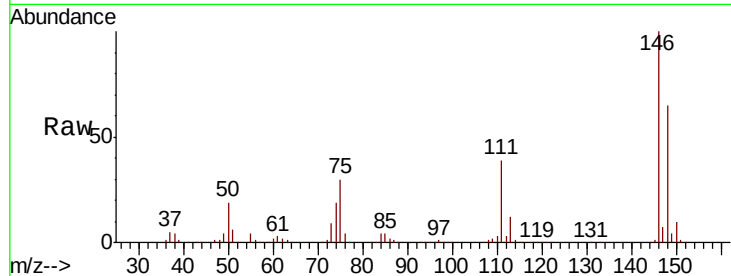
#13
 1,4-Dichlorobenzene
 Concen: 40.105 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.8	79.2
111	39.0	33.4	50.0

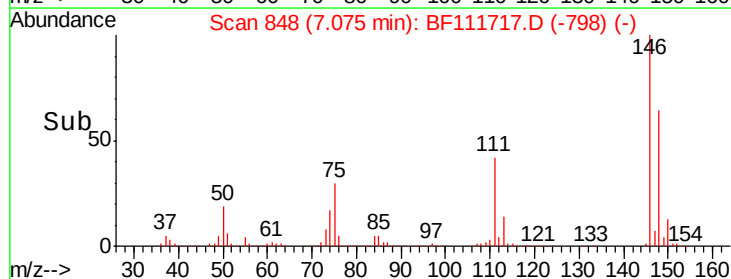
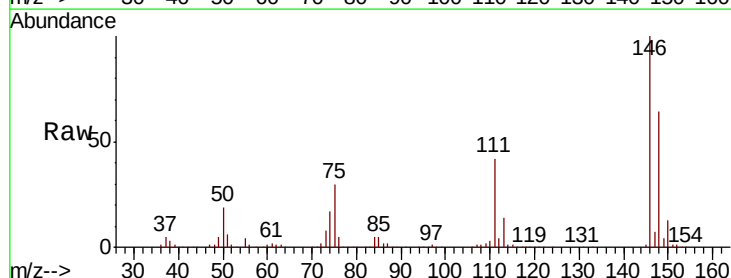
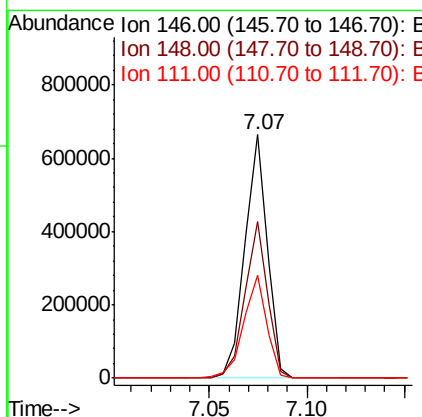
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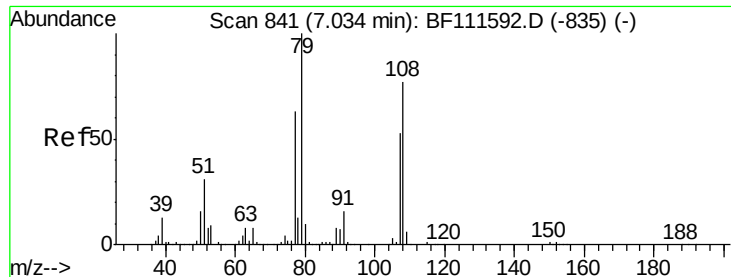
Sohil
 12/27/2018 8:22:22 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.553 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	42.1	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.777 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

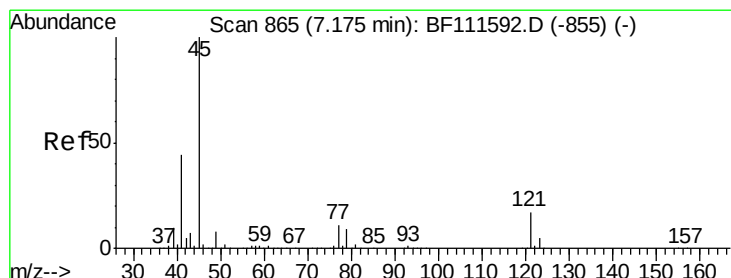
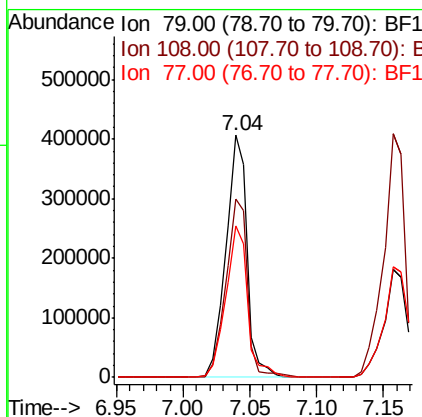
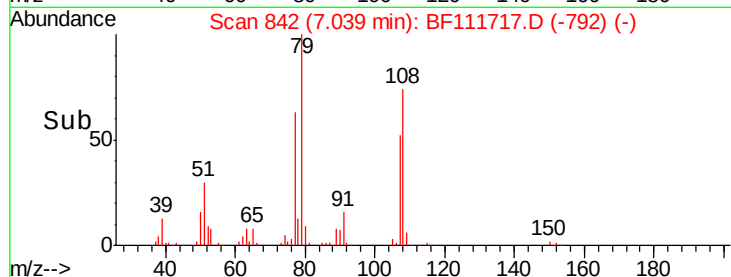
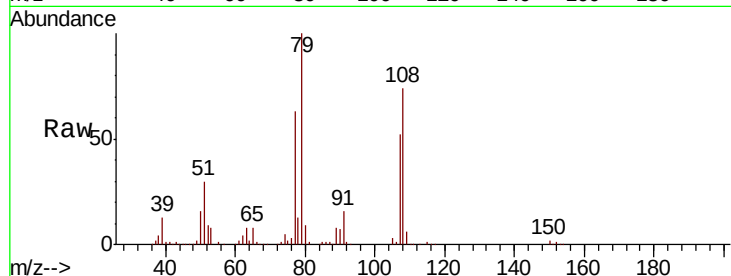
ClientSampled :

PB115960BS

Tot Ion:	79	Resp:	454864
Ion Ratio	Lower	Upper	
79	100		
108	73.7	69.4	104.2
77	62.7	49.7	74.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.900 ng

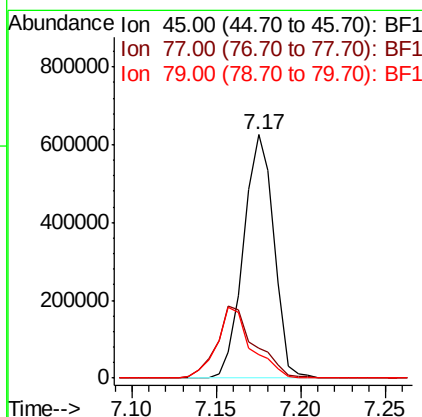
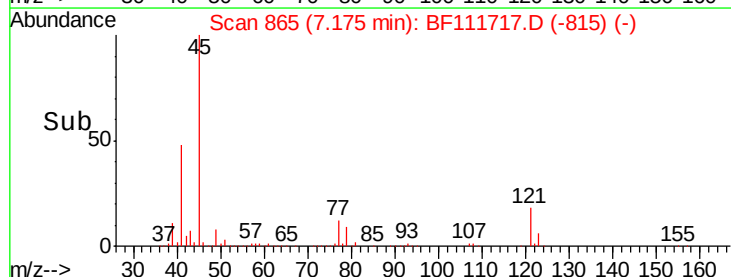
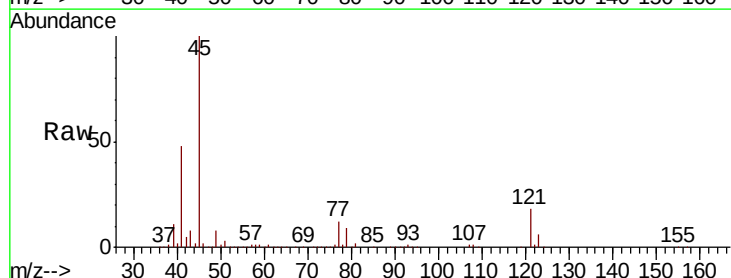
RT: 7.17 min Scan# 865

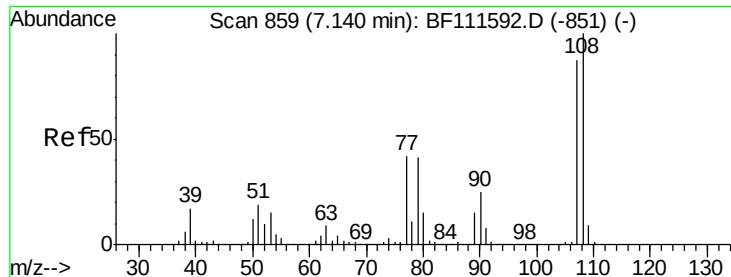
Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	45	Resp:	787730
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.5
79	9.4	0.0	28.9





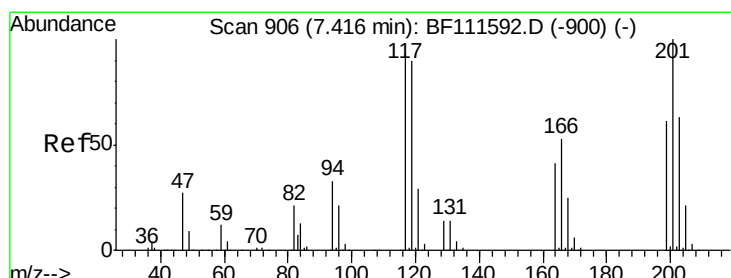
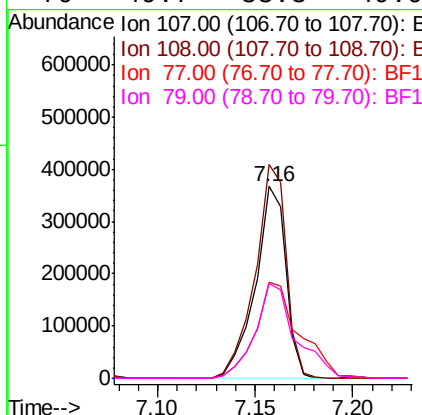
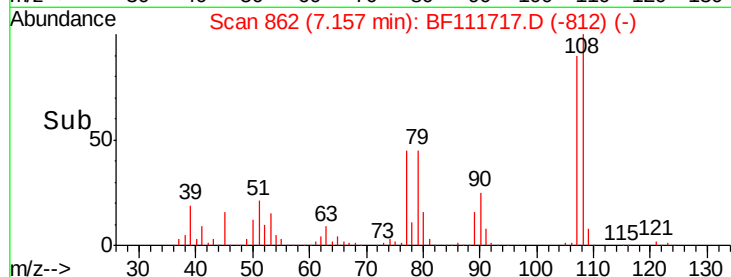
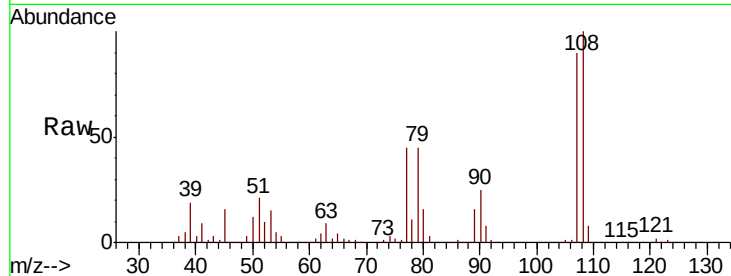
#17
2-Methylphenol
Concen: 41.682 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.0	136.4	
77	50.4	33.5	50.3	
79	49.7	33.3	49.9	

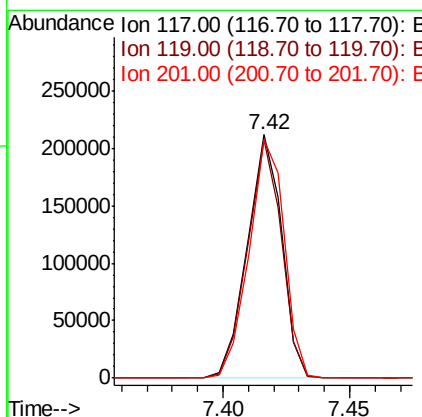
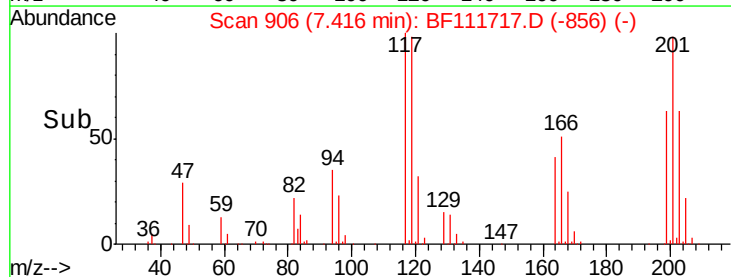
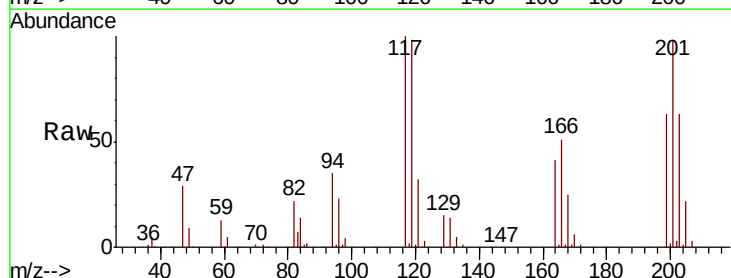
Manual Integrations
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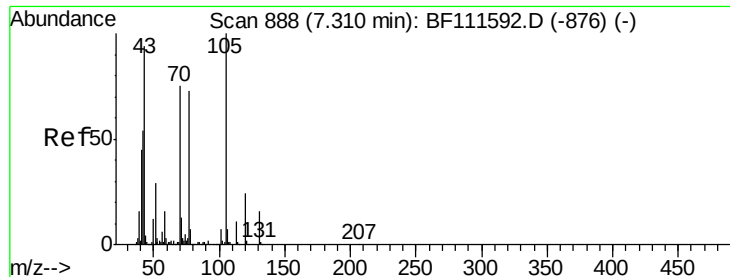
Sohil
12/27/2018 8:22:22 AM



#18
Hexachloroethane
Concen: 42.470 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.4	113.0	
201	97.9	62.4	93.6	





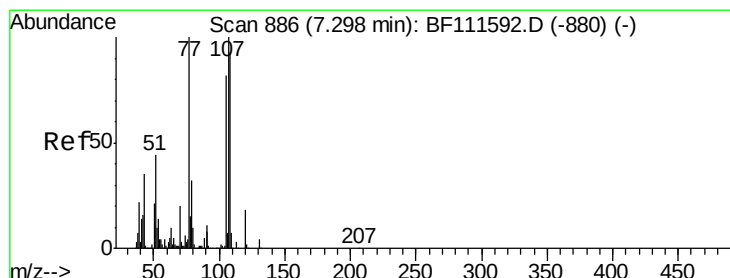
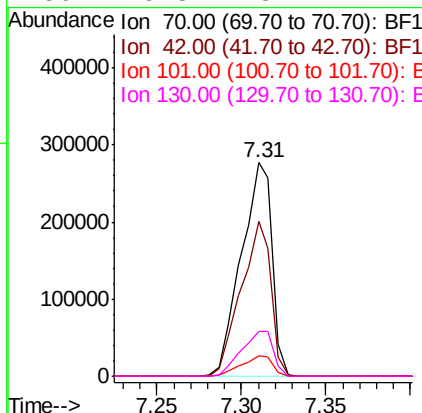
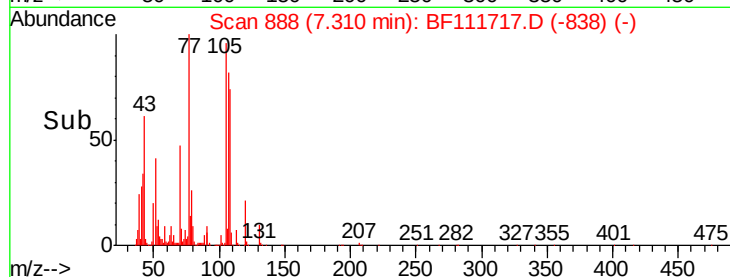
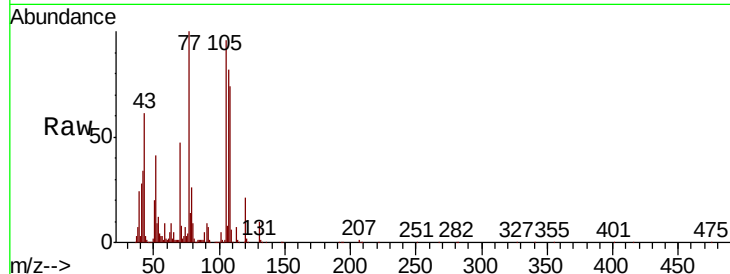
#19
n-Nitroso-di-n-propylamine
Concen: 38.696 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	72.8	53.2	79.8		
101	9.8	8.2	12.4		
130	20.8	18.1	27.1		

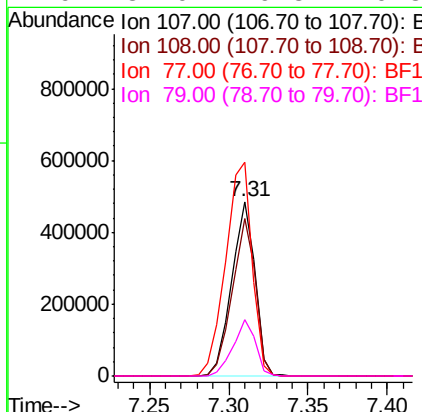
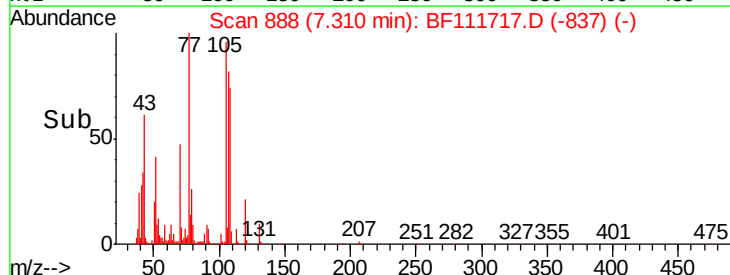
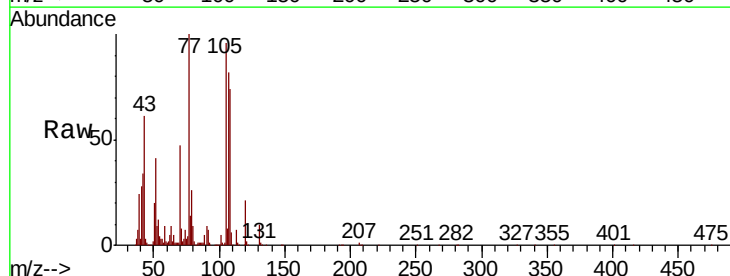
Manual Integrations
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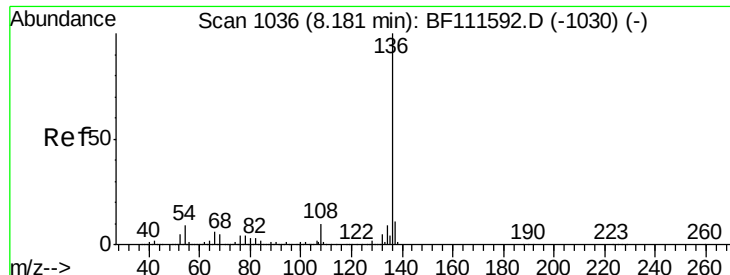
Sohil
12/27/2018 8:22:22 AM



#20
3+4-Methylphenols
Concen: 41.017 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2	72.1	112.1		
77	122.5	94.1	134.1		
79	32.0	9.8	49.8		





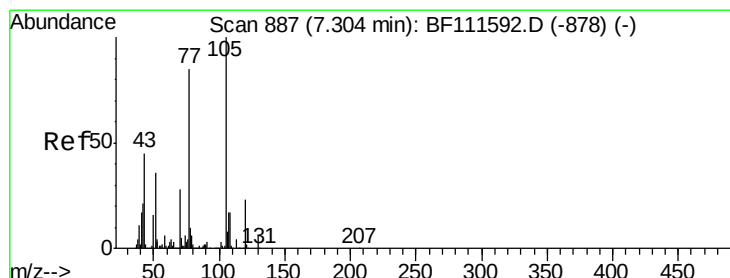
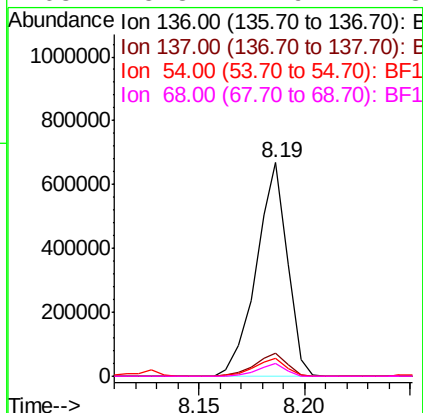
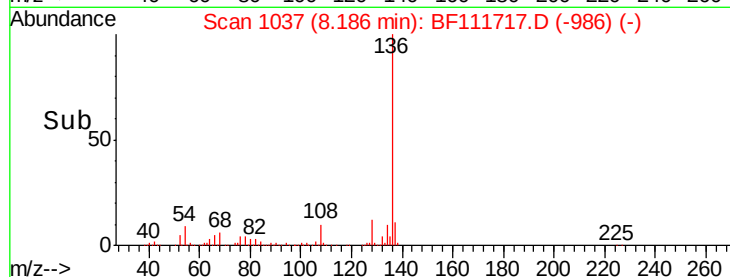
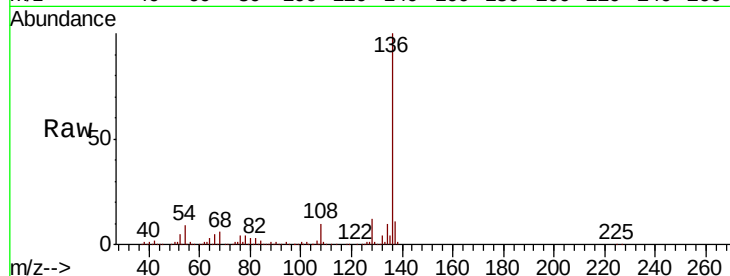
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	680680		
137	10.8		9.1	13.7
54	8.7		7.7	11.5
68	5.8		4.9	7.3

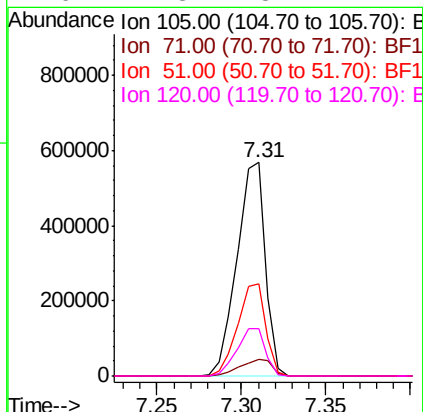
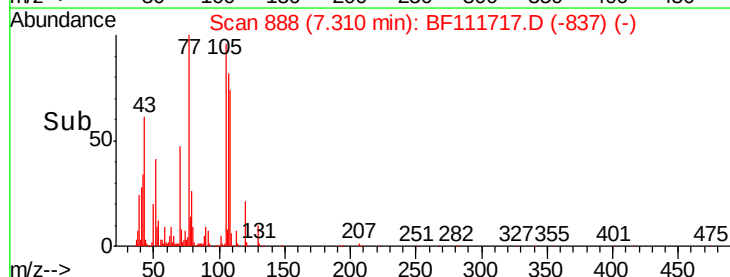
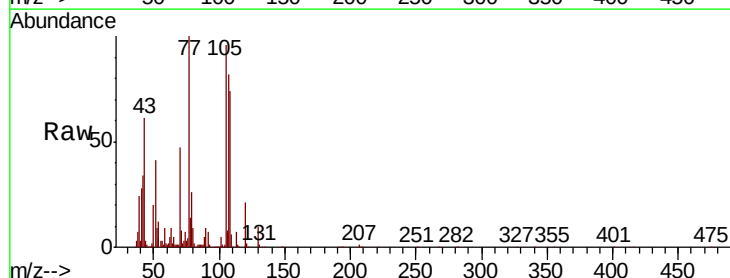
Manual Integrations
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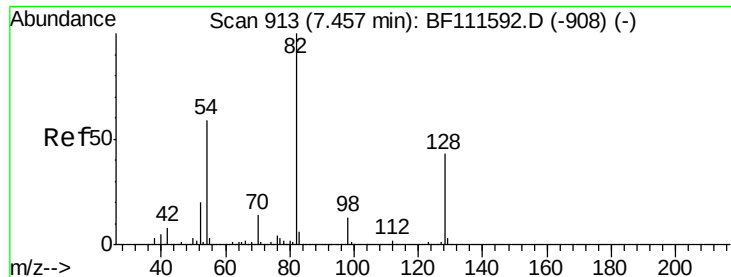
Sohil
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#22
Acetophenone
Concen: 38.662 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	666701		
71	8.1		3.1	4.7#
51	43.2		36.6	54.8
120	22.3		18.2	27.4





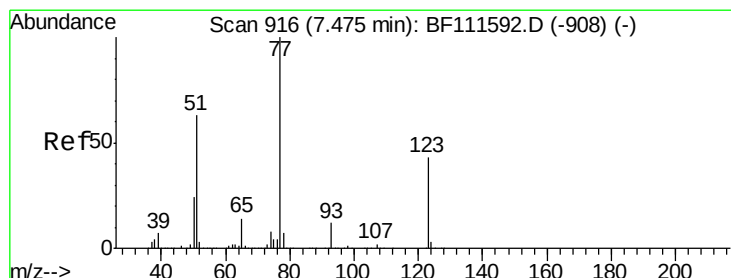
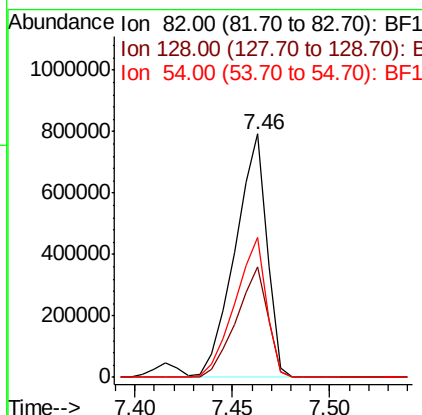
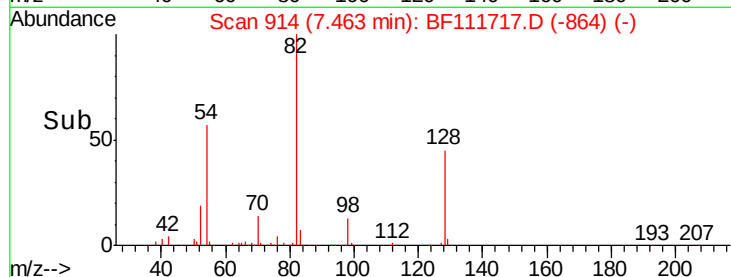
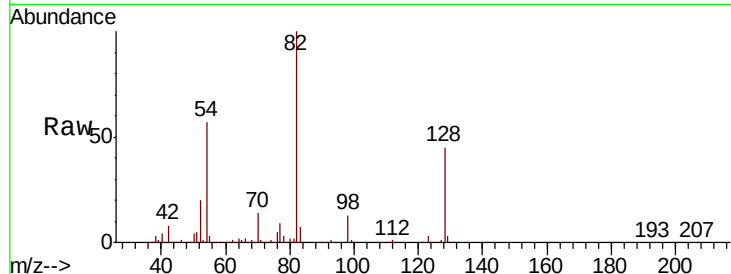
#23
Nitrobenzene-d5
Concen: 76.464 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampled :
PB115960BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	57.5	47.6	71.4

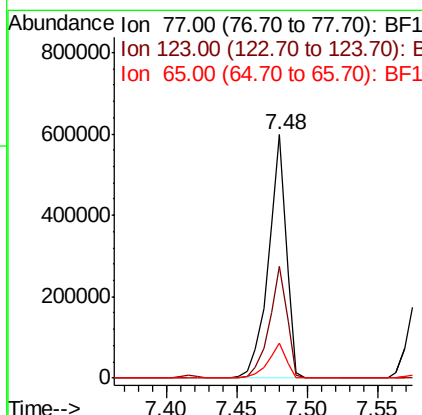
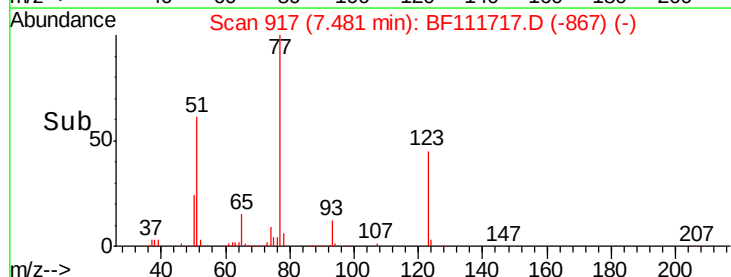
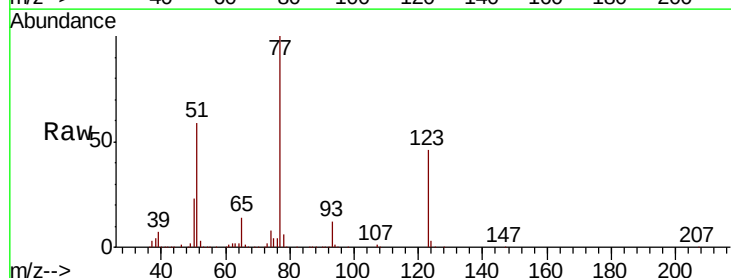
Manual Integrations
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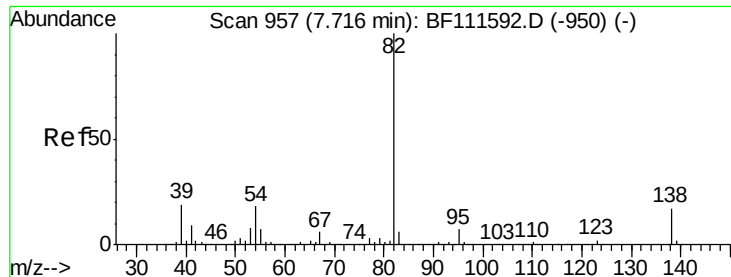
Sohil
12/27/2018 8:22:22 AM



#24
Nitrobenzene
Concen: 43.429 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.2	55.8
65	14.2	11.5	17.3





#25

Isophorone

Concen: 45.617 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

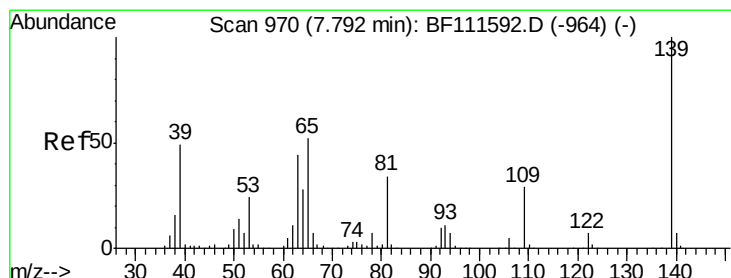
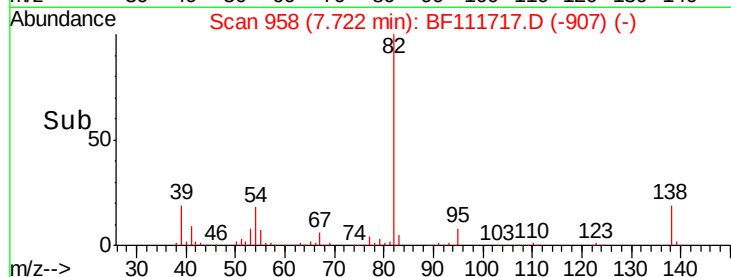
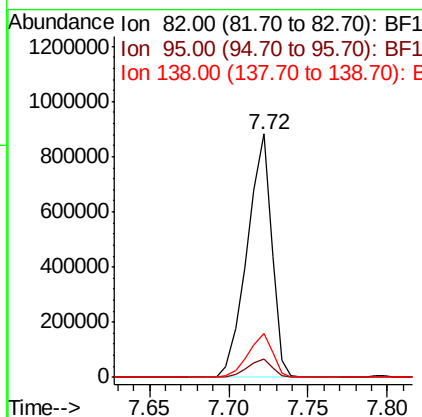
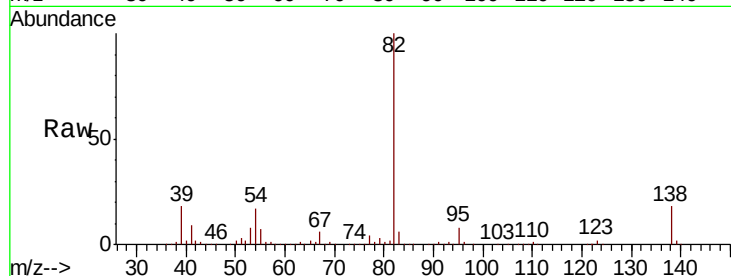
ClientSampleId :

PB115960BS

Tot Ion:	82	Resp:	947010
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.4	8.2
138	18.1	15.1	22.7

Manual Integrations
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12/27/2018 8:22:22 AM



#26

2-Nitrophenol

Concen: 51.596 ng

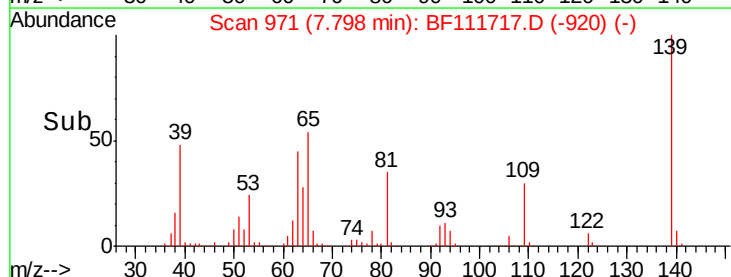
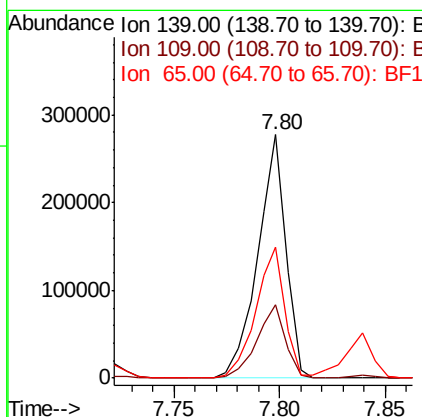
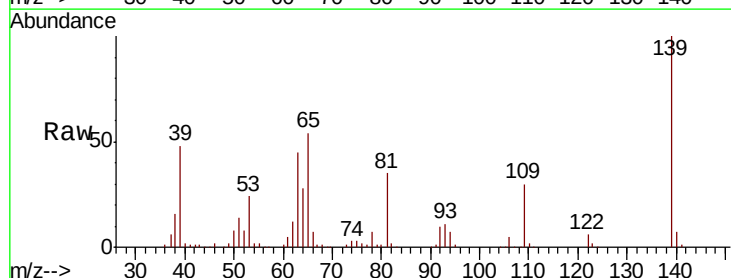
RT: 7.80 min Scan# 971

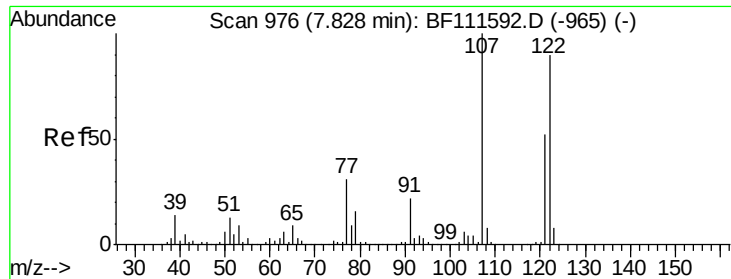
Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	139	Resp:	256471
Ion Ratio		Lower	Upper
139	100		
109	30.1	20.2	30.4
65	53.6	40.7	61.1





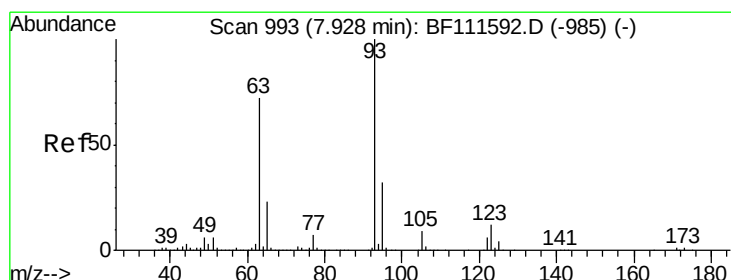
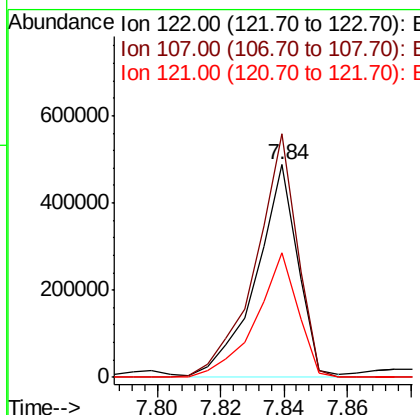
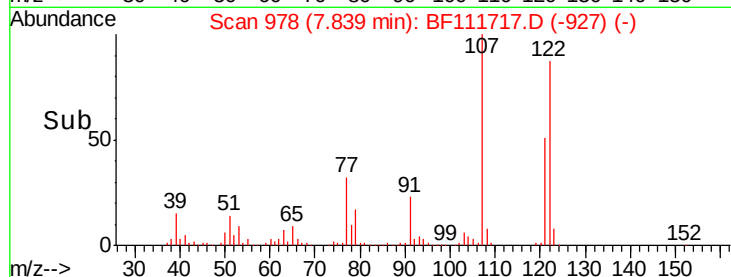
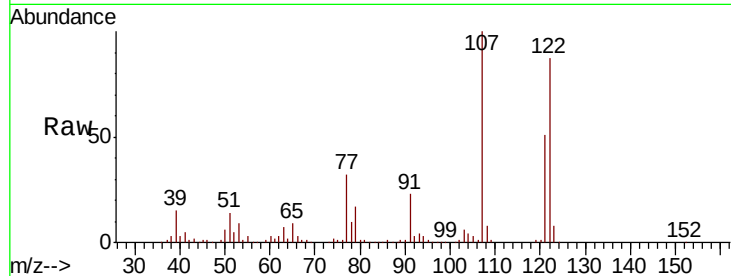
#27
2,4-Dimethylphenol
Concen: 45.554 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	85.5	128.3
121	58.7	46.6	70.0

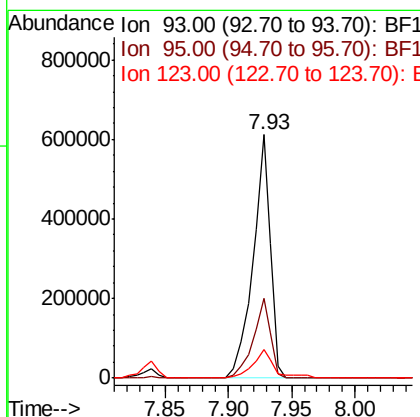
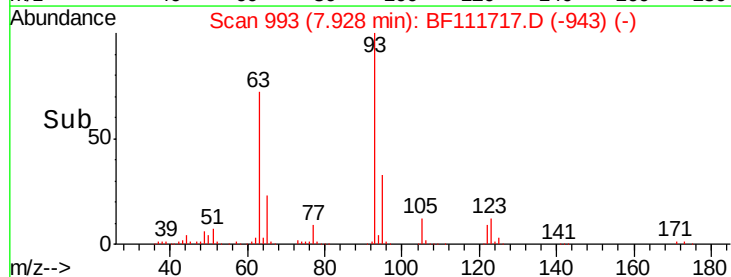
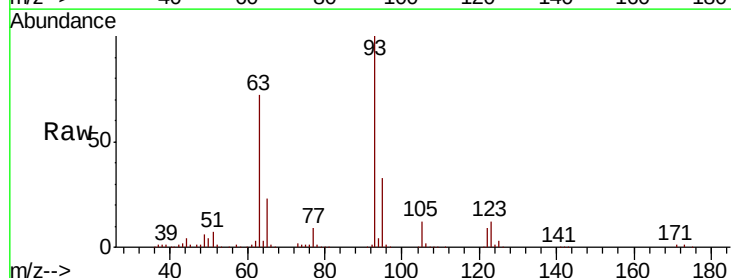
Manual Integrations
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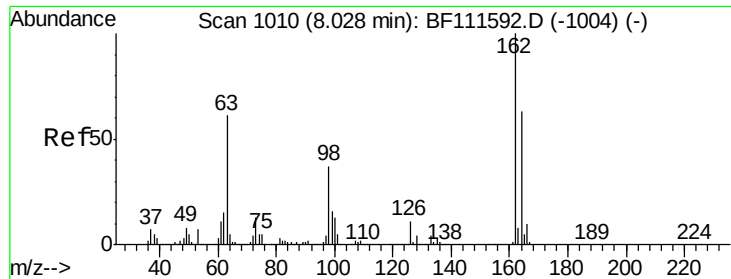
Sohil
12/27/2018 8:22:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.583 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.1	40.7
123	11.7	9.9	14.9





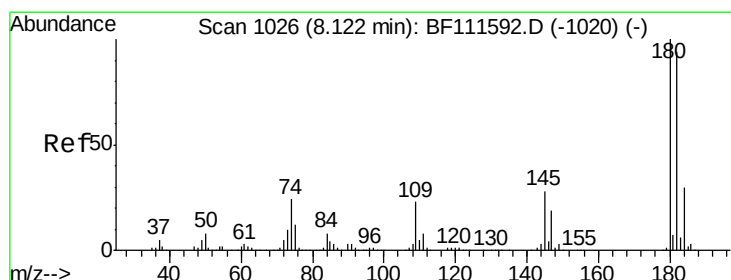
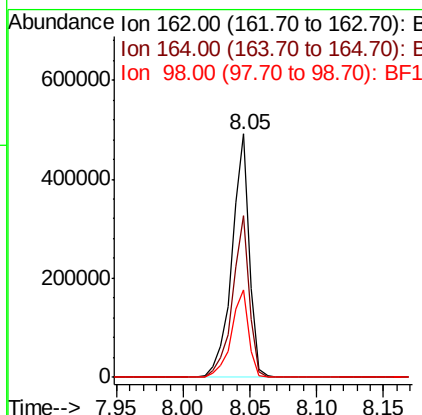
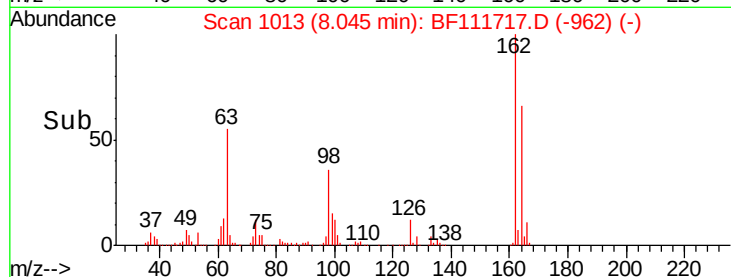
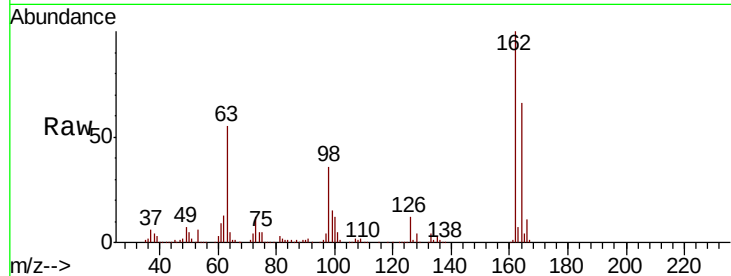
#29
2,4-Dichlorophenol
Concen: 42.893 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452074		
164	66.5	44.4	84.4	
98	35.8	20.3	60.3	

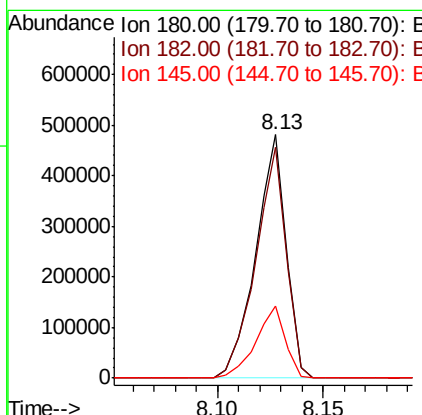
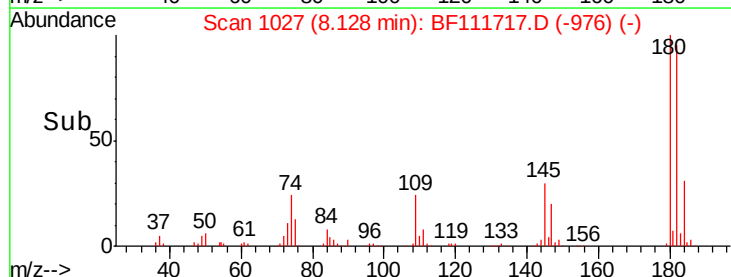
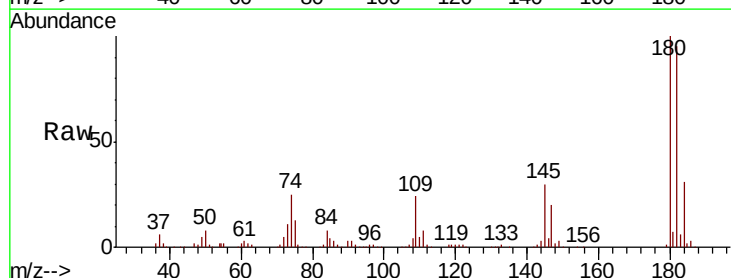
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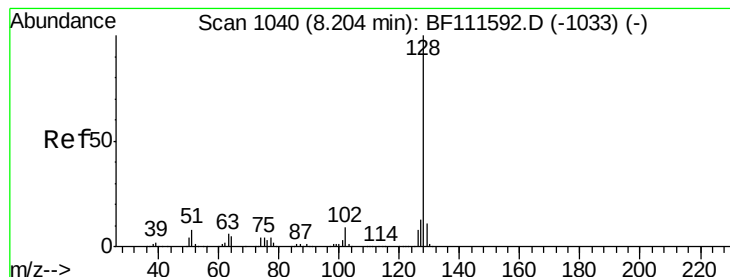
Sohil
12/27/2018 8:22:22 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.047 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	482079		
182	94.7	75.6	113.4	
145	29.7	26.7	40.1	





#31

Naphthalene

Concen: 44.231 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

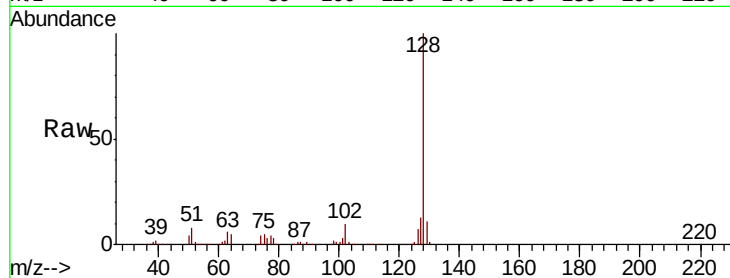
ClientSampleId :

PB115960BS

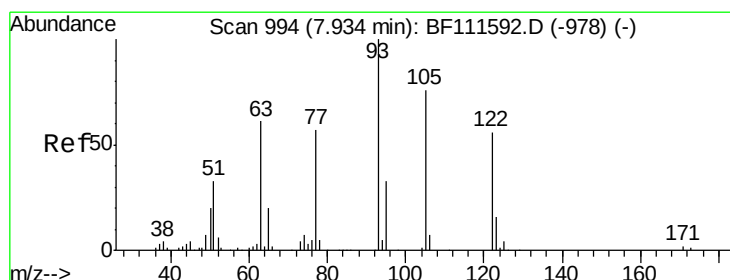
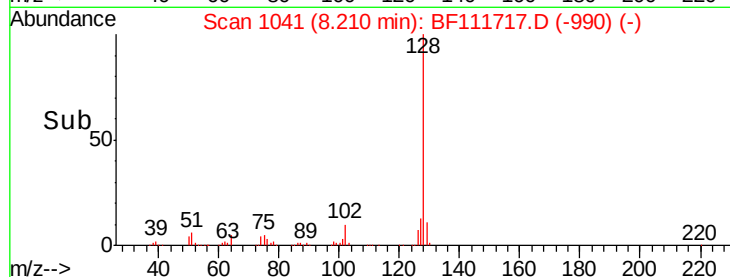
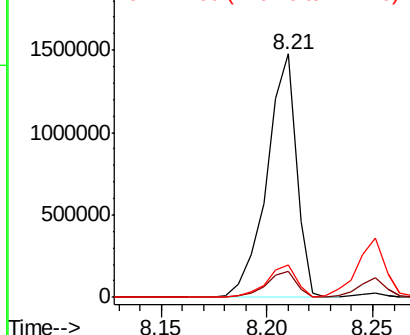
Tot Ion:	128	Resp:	1446617
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.8
127	13.4	12.0	18.0

Manual Integrations
APPROVED

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12/27/2018 8:22:22 AM



Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.349 ng

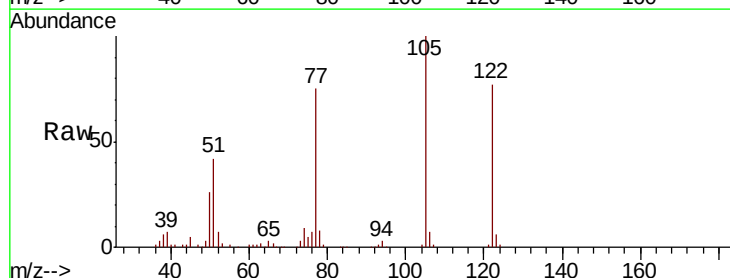
RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

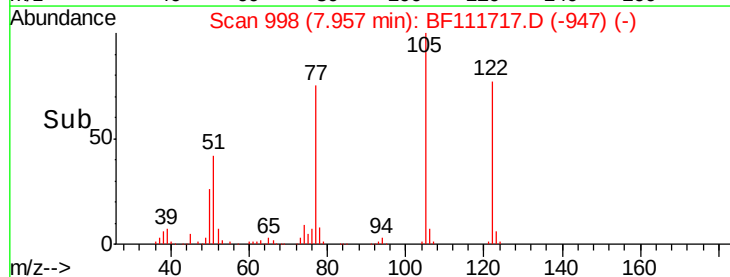
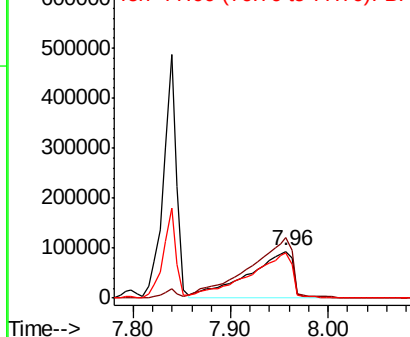
Lab File: BF111717.D

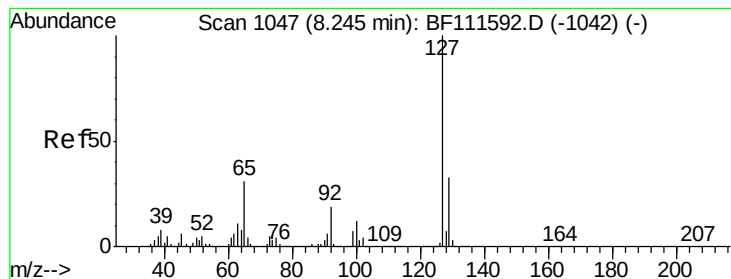
Acq: 26 Dec 2018 15:52

Tgt Ion:	122	Resp:	300282
Ion	Ratio	Lower	Upper
122	100		
105	129.8	97.0	137.0
77	97.8	65.7	105.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





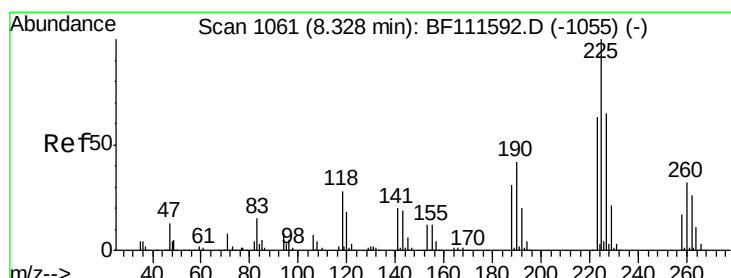
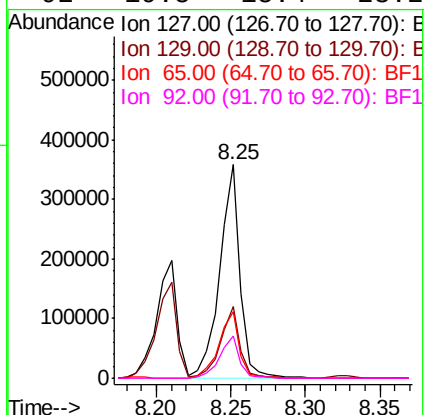
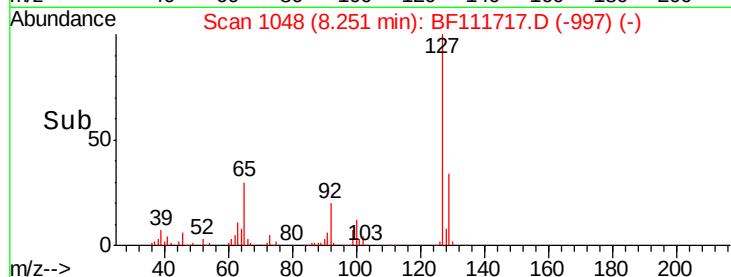
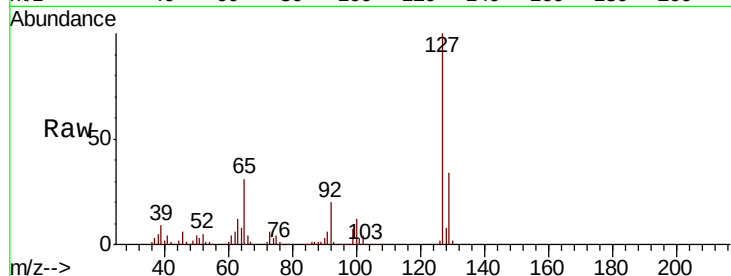
#33
4-Chloroaniline
Concen: 24.176 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.6	39.8		
65	31.3	25.7	38.5		
92	19.5	15.4	23.2		

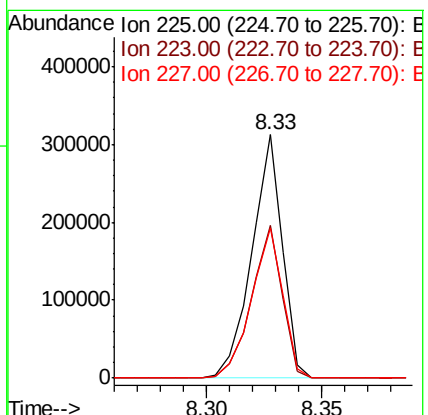
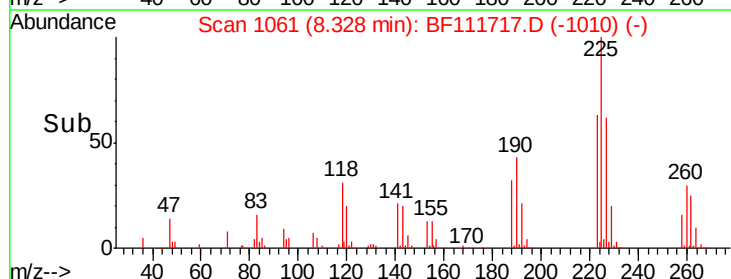
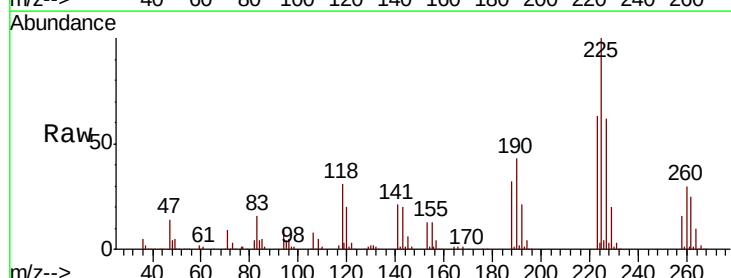
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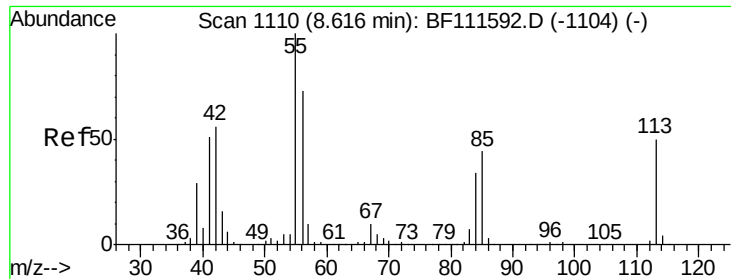
Sohil
12/27/2018 8:22:22 AM



#34
Hexachlorobutadiene
Concen: 40.280 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.7	76.1		
227	61.9	52.6	78.8		





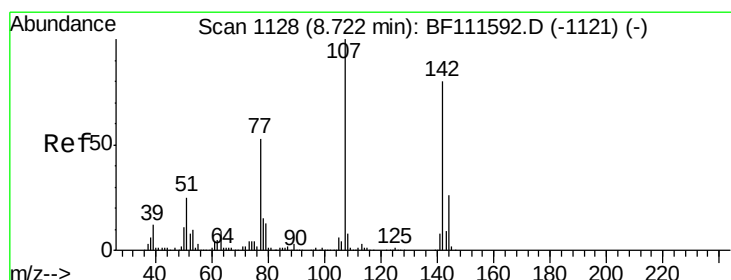
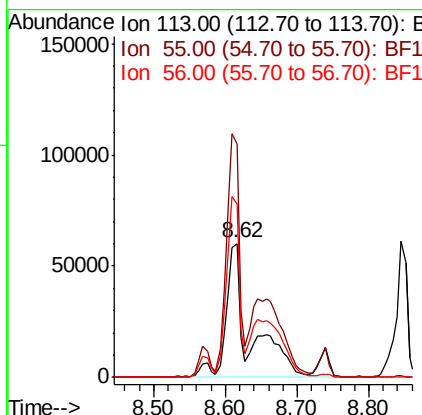
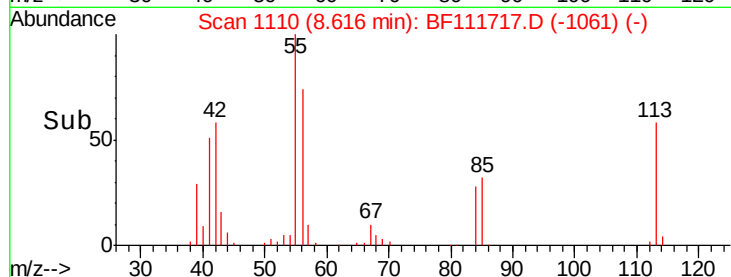
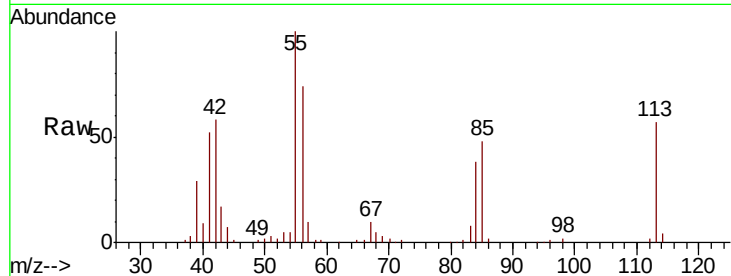
#35
 Caprolactam
 Concen: 42.372 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleID :
 PB115960BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.2	184.1	224.1#
56	129.2	126.0	166.0

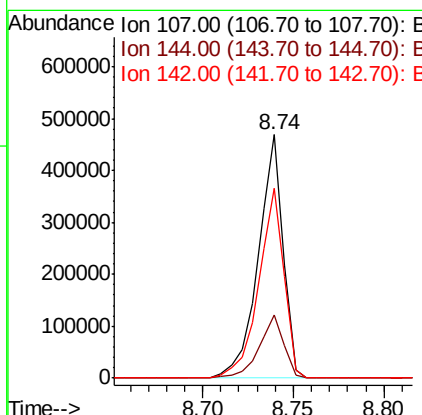
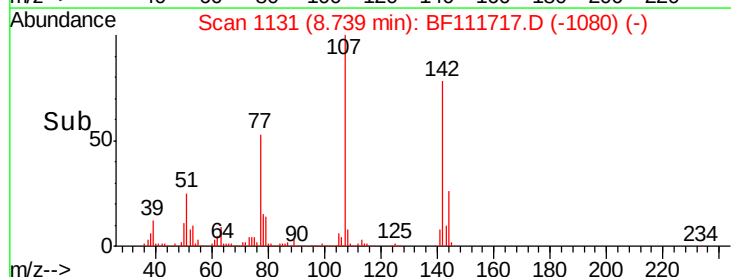
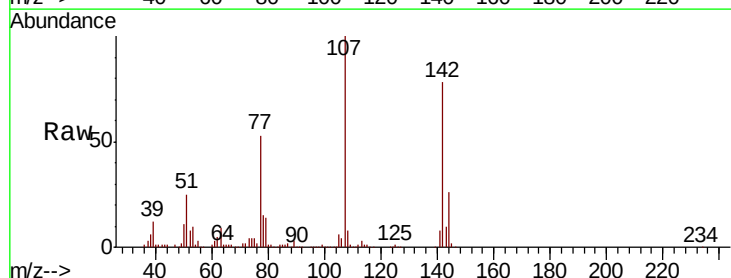
Manual Integrations
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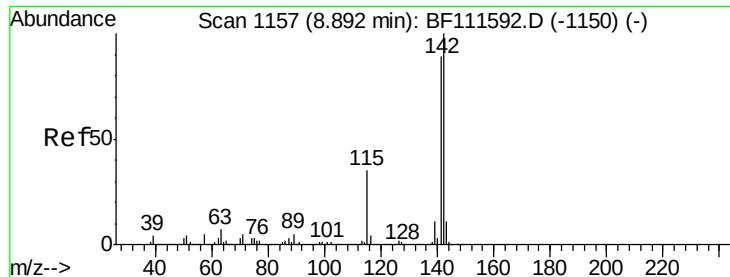
Sohil
 12/27/2018 8:22:22 AM



#36
 4-Chloro-3-methylphenol
 Concen: 43.150 ng/ml
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.8	29.6
142	78.0	62.3	93.5





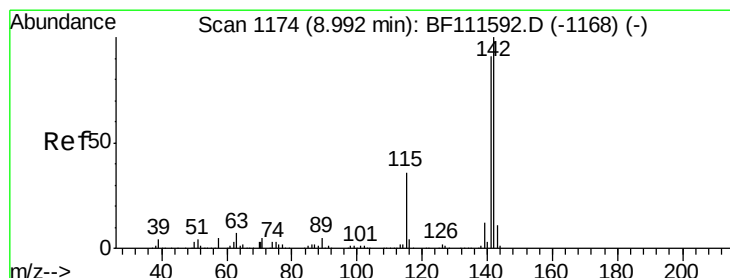
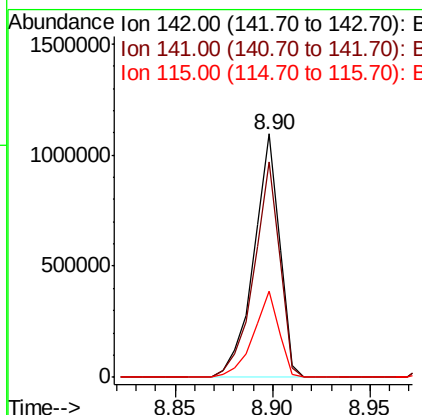
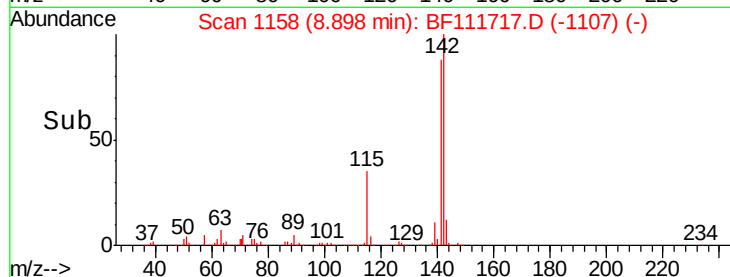
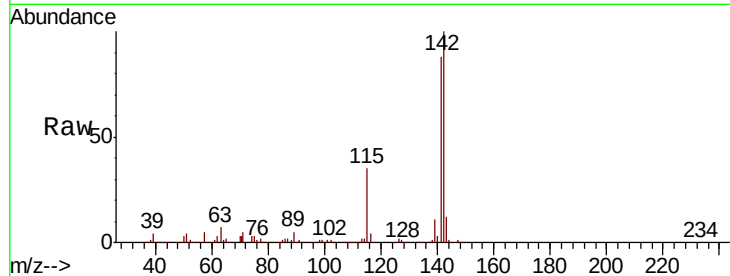
#37
2-Methylnaphthalene
Concen: 47.059 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampled :
PB115960BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	105.8
115	35.4	27.0	40.6

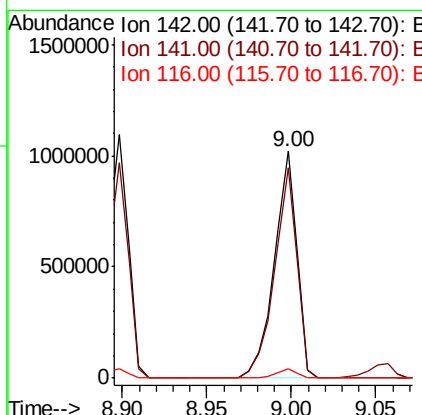
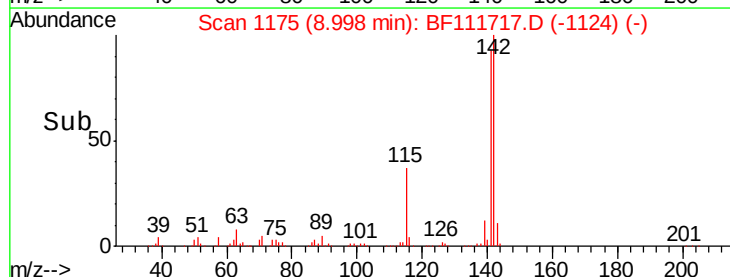
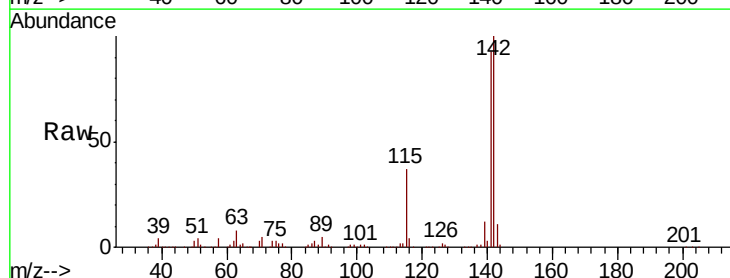
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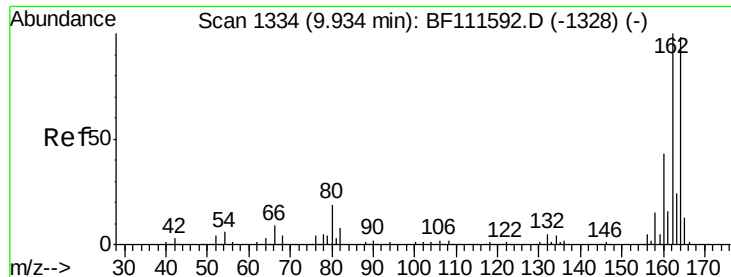
Sohil
12/27/2018 8:22:22 AM



#38
1-Methylnaphthalene
Concen: 46.079 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	4.0	2.9	4.3





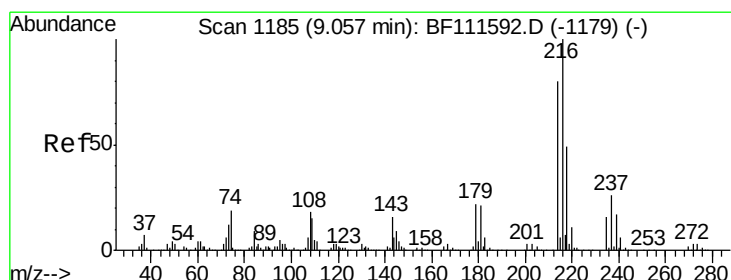
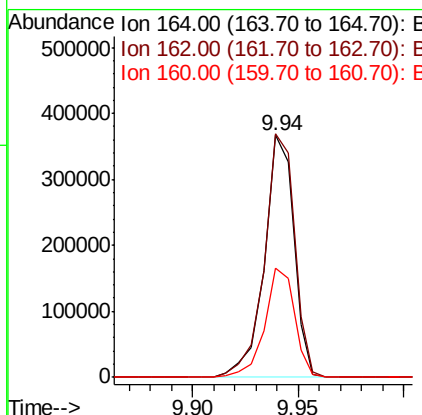
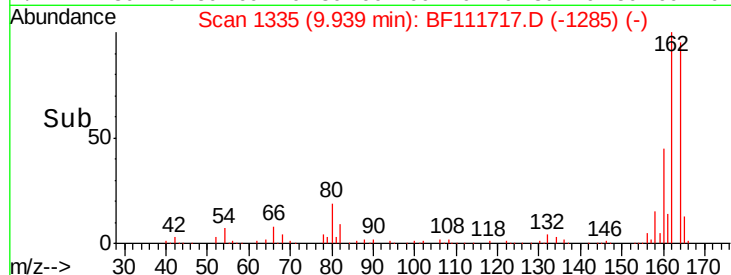
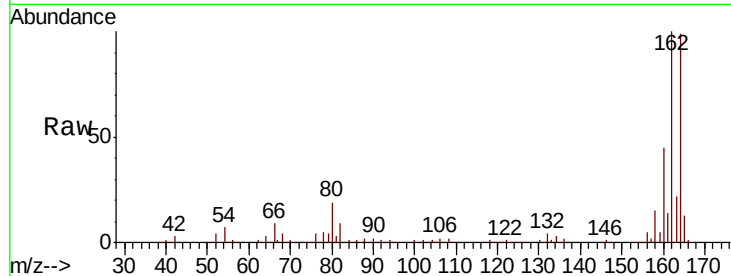
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	81.4	122.0	
160	45.3	35.7	53.5	

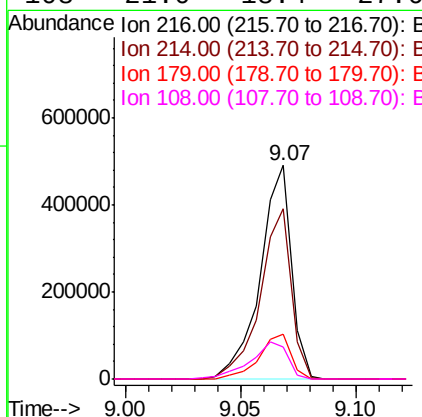
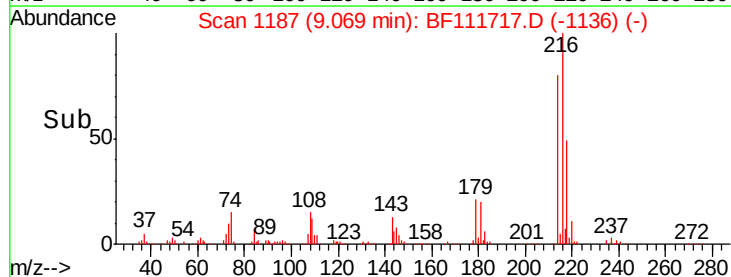
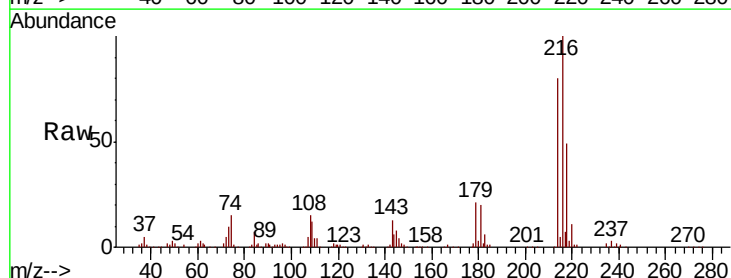
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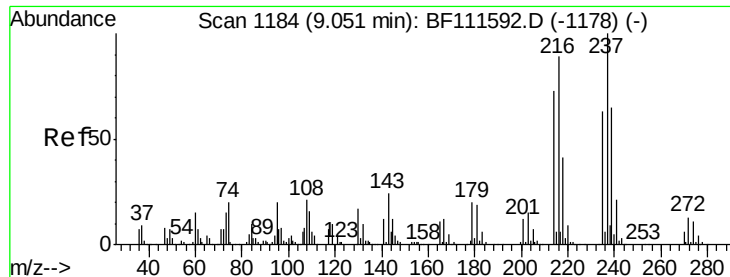
Sohil
12/27/2018 8:22:22 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.379 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.8	95.8	
179	21.3	17.9	26.9	
108	21.0	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 111.896 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

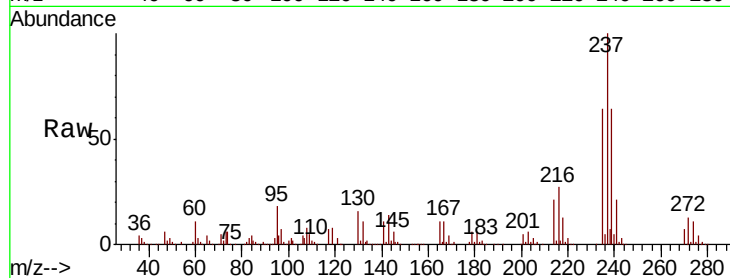
ClientSampleId :

PB115960BS

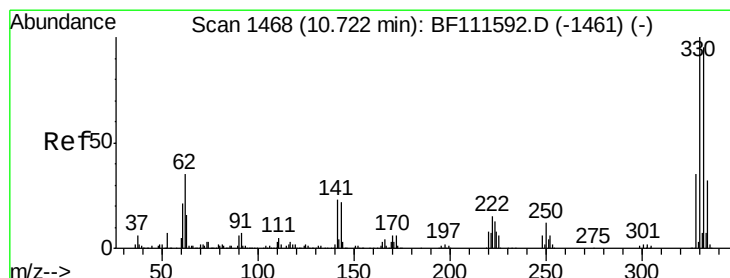
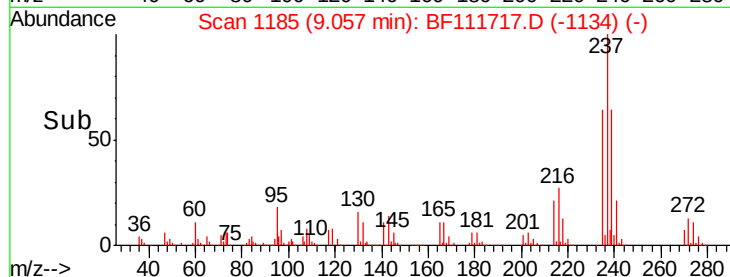
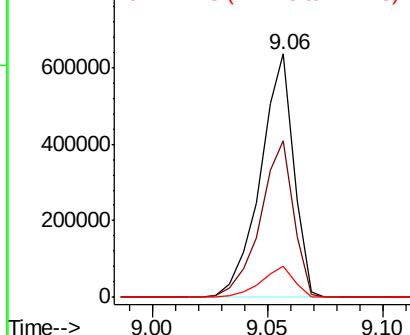
Tot Ion:	237	Resp:	638622
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.1	83.1
272	12.8	0.0	33.0

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: 134.072 ng

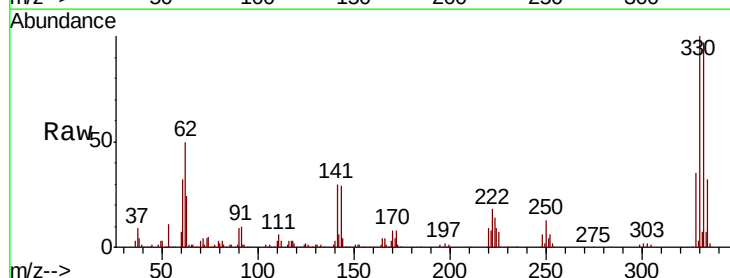
RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

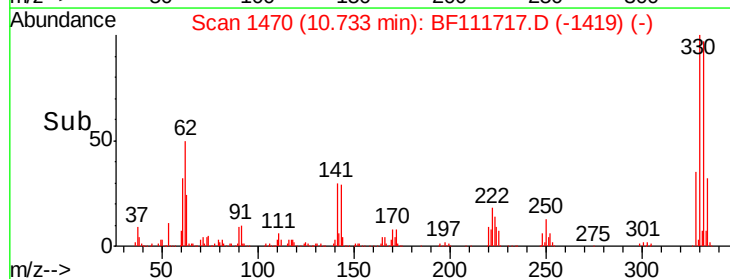
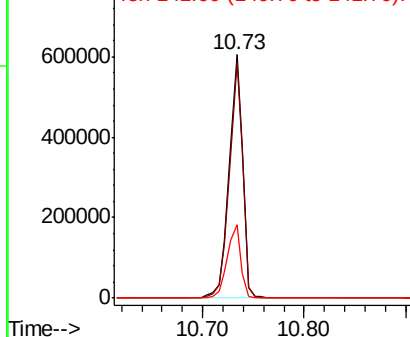
Lab File: BF111717.D

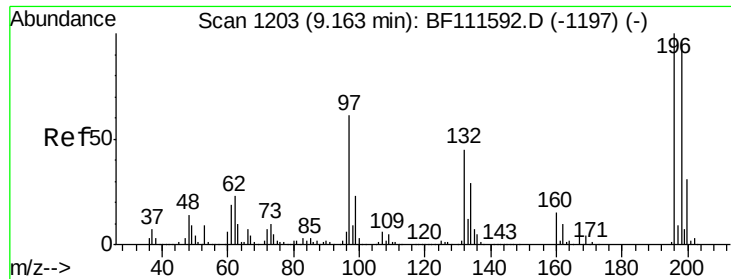
Acq: 26 Dec 2018 15:52

Tgt Ion:	330	Resp:	567002
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.0	114.0
141	30.1	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





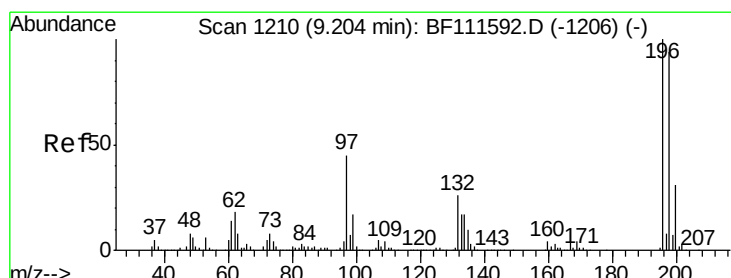
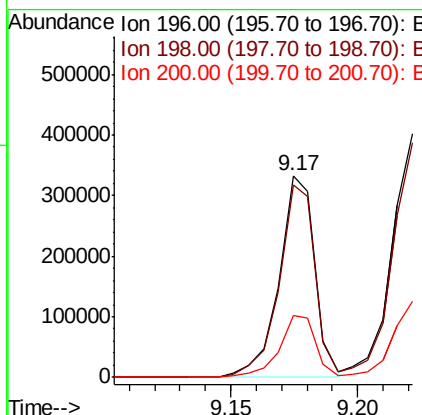
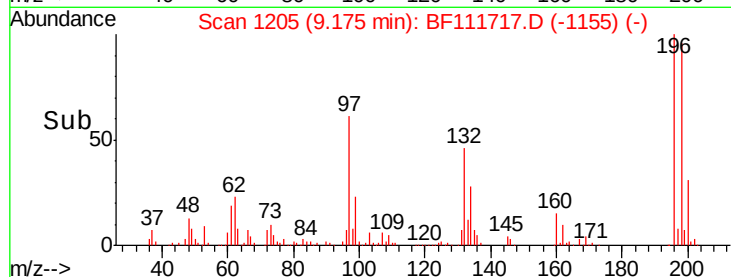
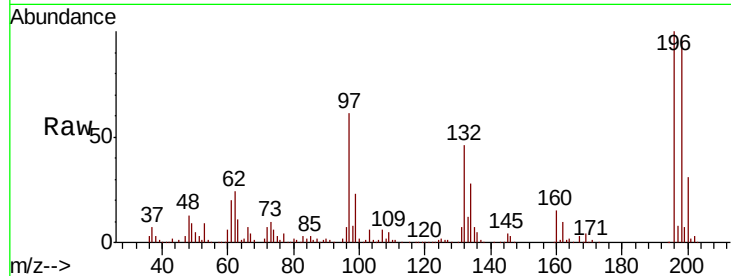
#43
 2,4,6-Trichlorophenol
 Concen: 41.826 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleID :
 PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	328435		
198	95.5	76.3	114.5	
200	30.6	24.9	37.3	

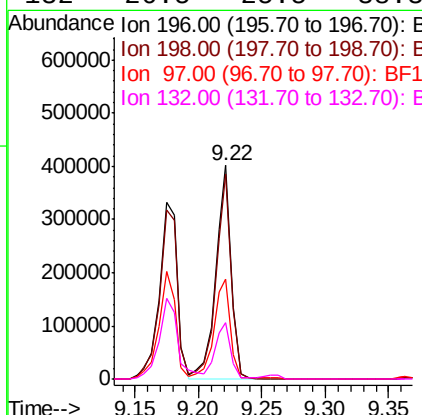
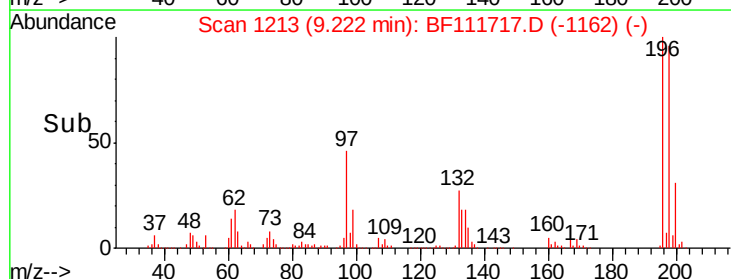
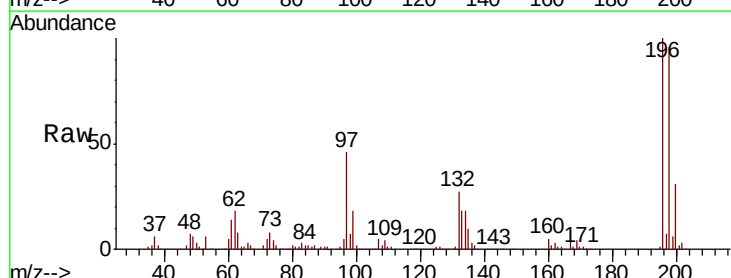
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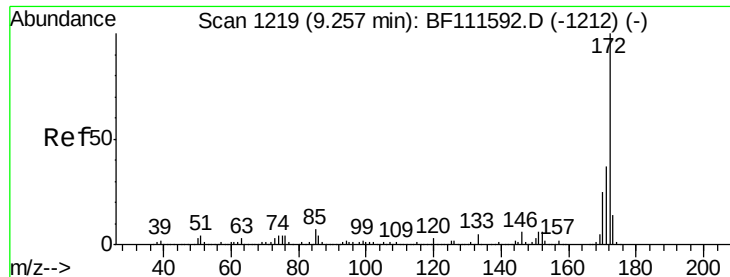
Sohil
 12/27/2018 8:22:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.140 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	347527		
198	96.1	72.9	109.3	
97	46.5	45.3	67.9	
132	26.5	25.5	38.3	





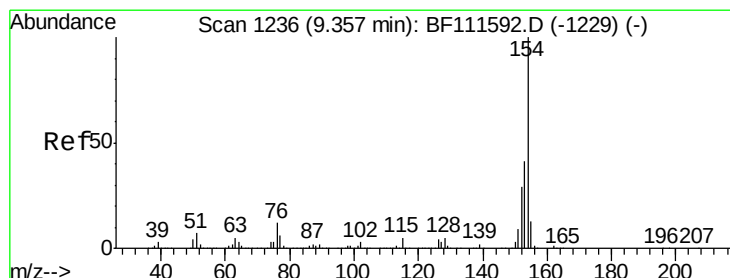
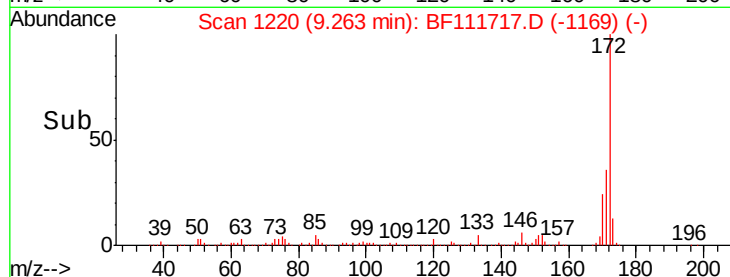
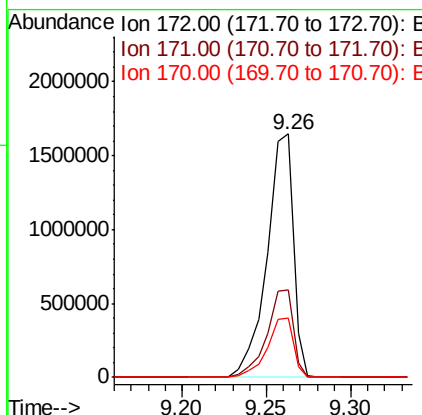
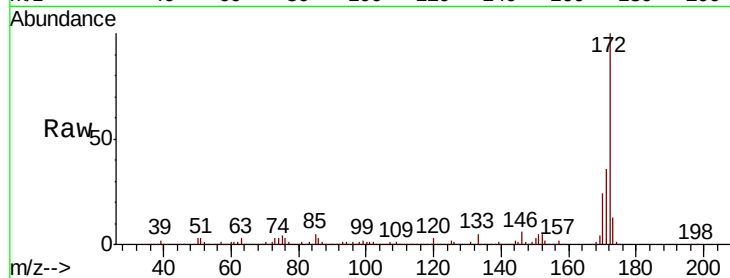
#45
2-Fluorobiphenyl
Concen: 72.562 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	24.1	22.3	33.5

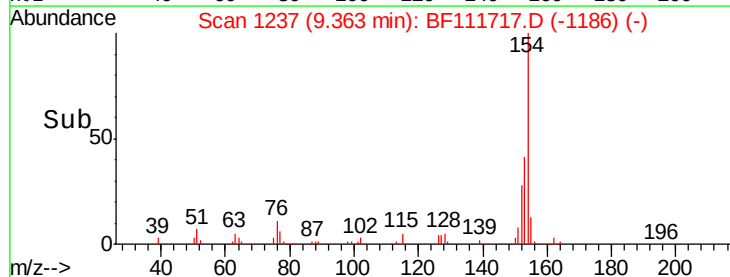
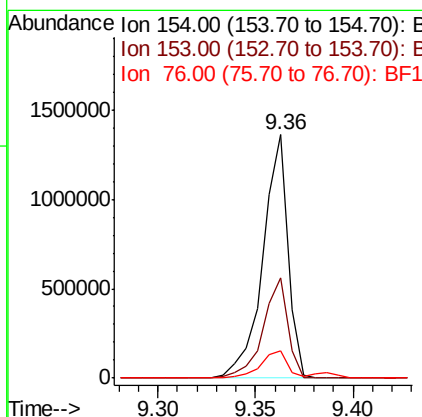
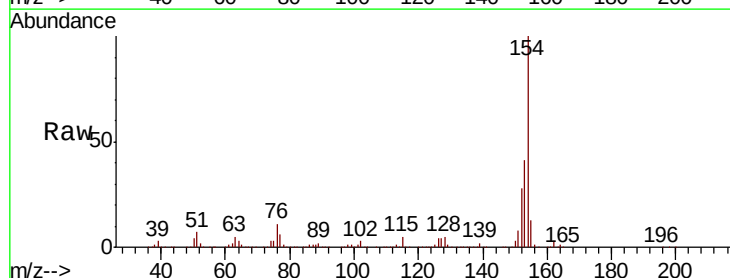
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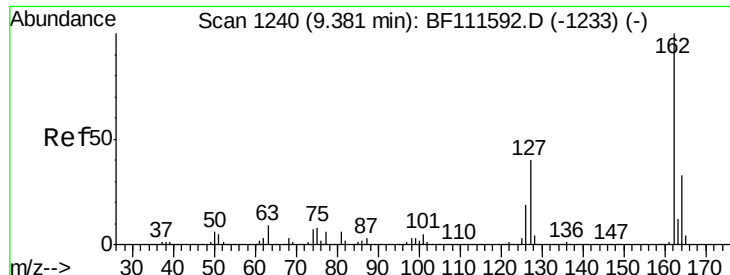
Sohil
12/27/2018 8:22:22 AM



#46
1,1'-Biphenyl
Concen: 40.080 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.7	63.7
76	11.4	0.0	35.0





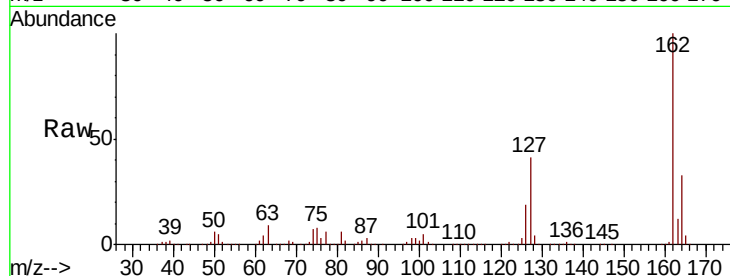
#47
2-Chloronaphthalene
Concen: 39.875 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	35.0	52.4
164	32.7	28.4	42.6

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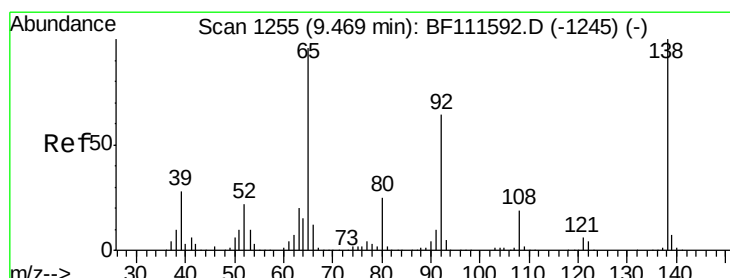
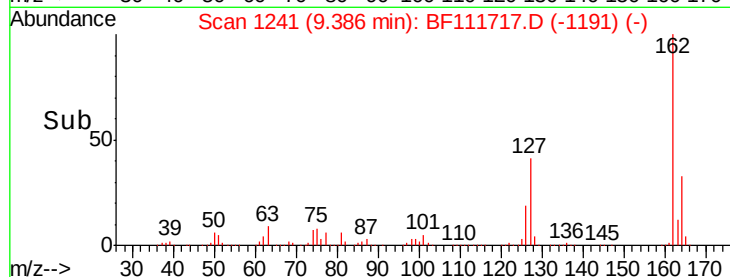
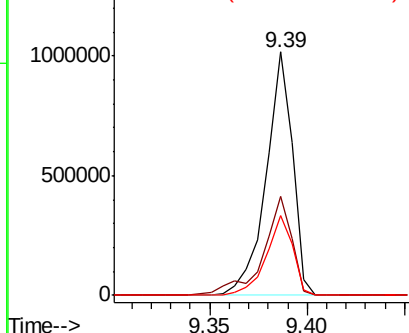


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.329 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

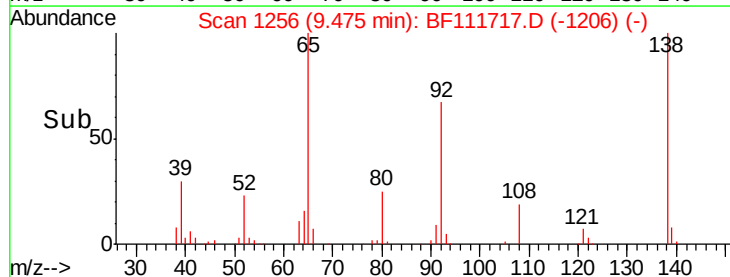
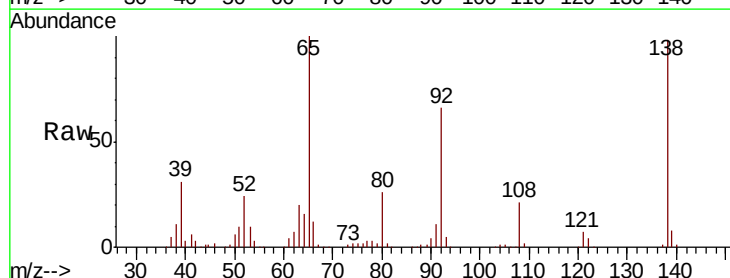
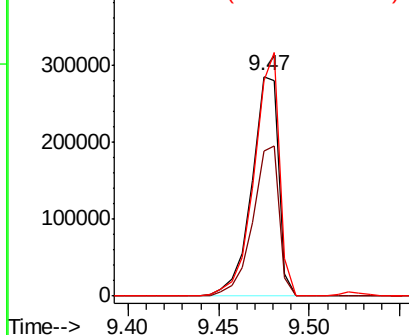
Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.5	80.3
138	98.2	80.9	121.3

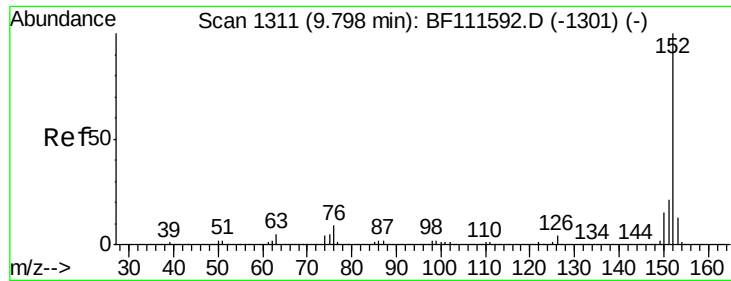
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.695 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

ClientSampleId :

PB115960BS

Tot Ion:152 Resp: 1527186

Ion Ratio Lower Upper

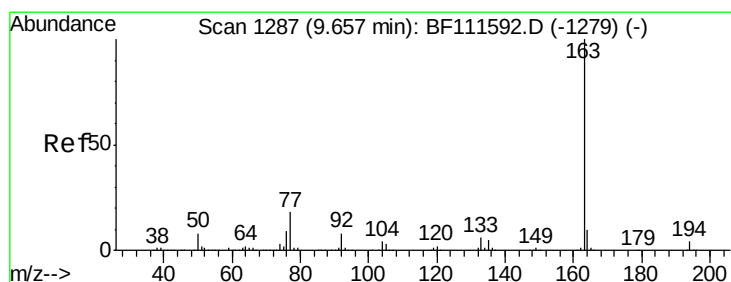
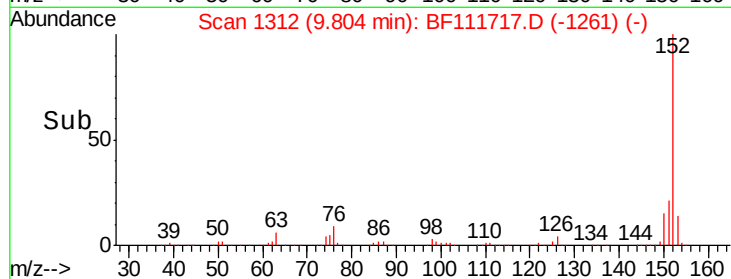
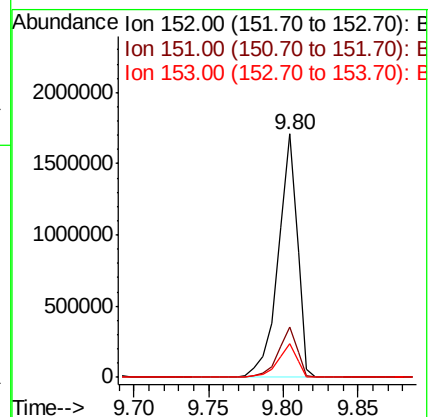
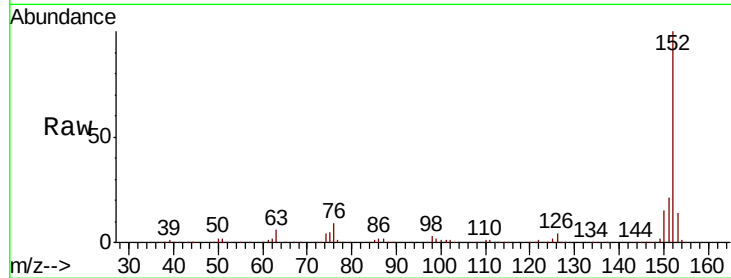
152 100

151 20.5 18.0 27.0

153 13.7 12.3 18.5

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#50

Dimethylphthalate

Concen: 43.062 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

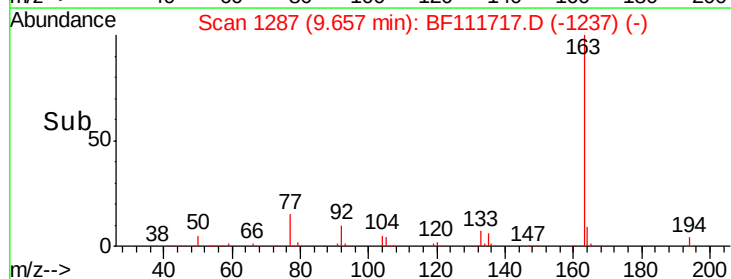
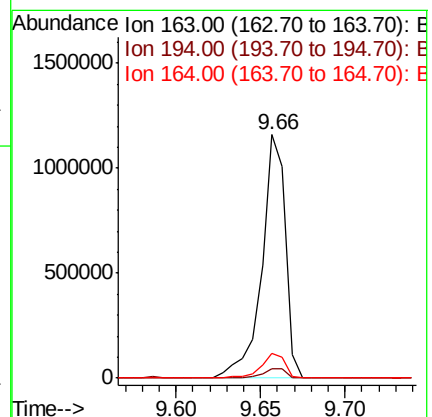
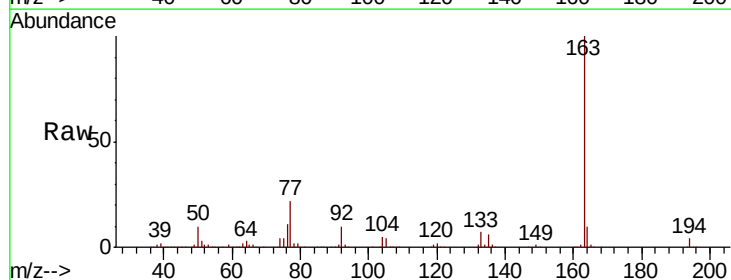
Tgt Ion:163 Resp: 1127076

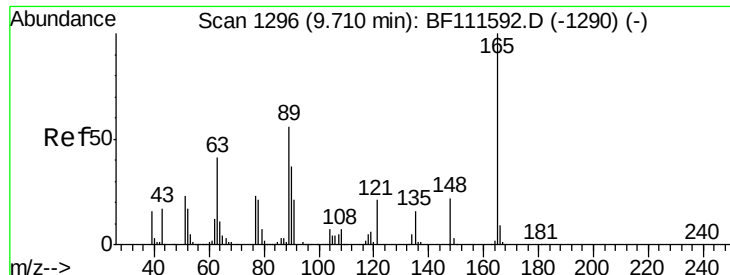
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.4 8.9 13.3





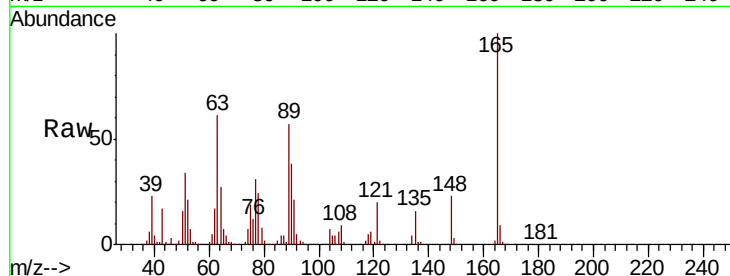
#51
2,6-Dinitrotoluene
Concen: 47.581 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	248325		
63	61.3	40.5	60.7#	
89	57.5	40.0	60.0	

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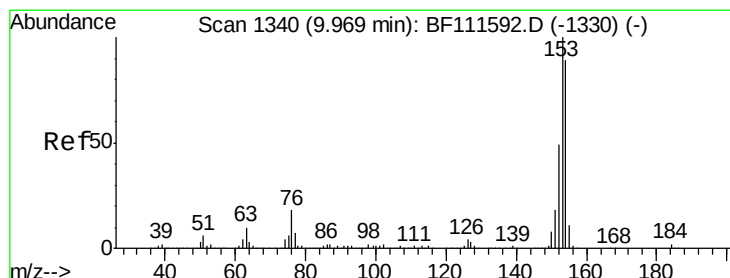
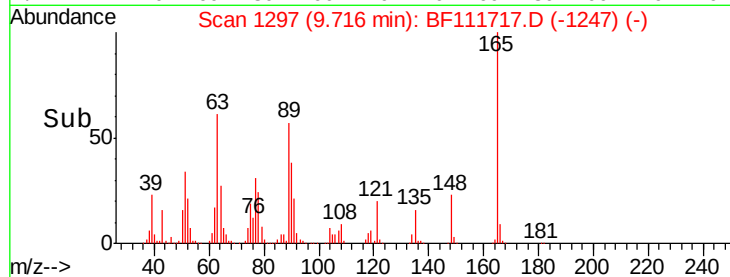
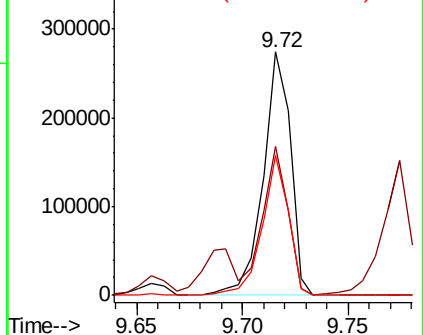


Abundance

Ion 165.00 (164.70 to 165.70): E

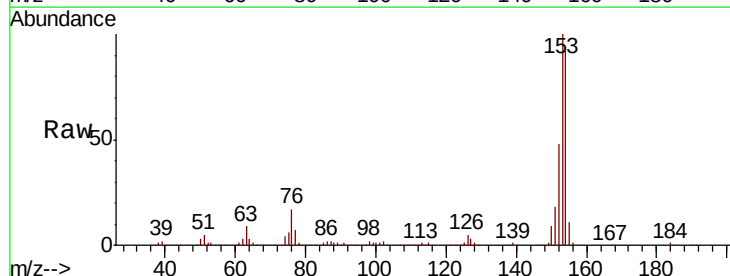
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 48.029 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1035331		
153	108.4	87.8	131.8	
152	52.4	43.4	65.2	

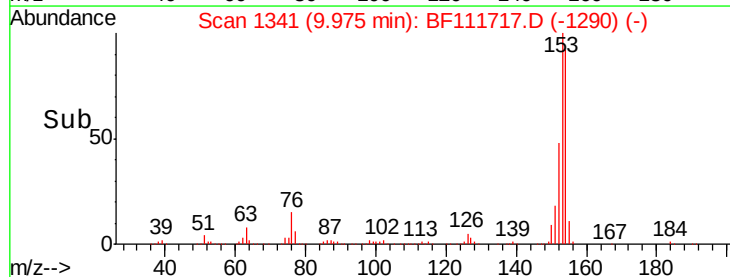
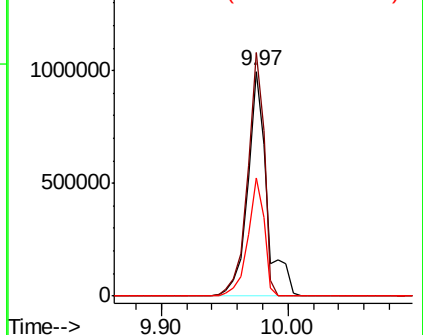


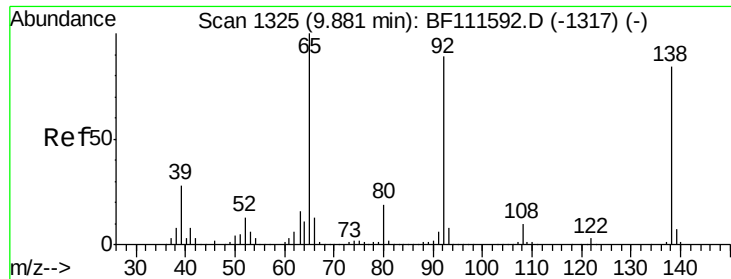
Abundance

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





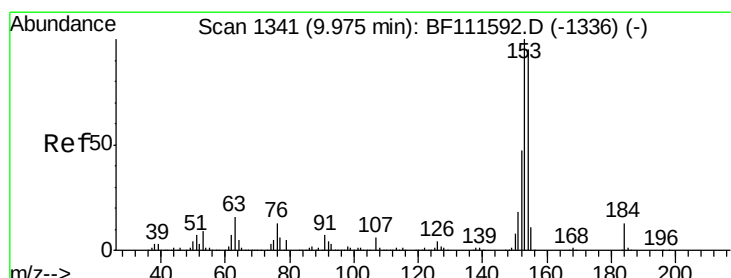
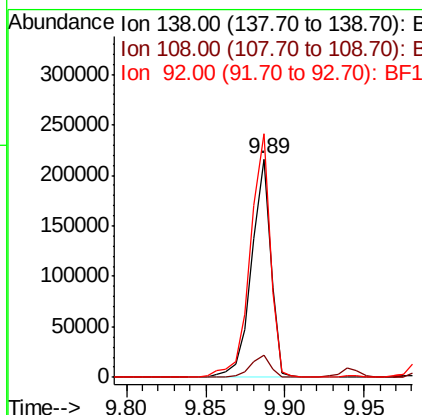
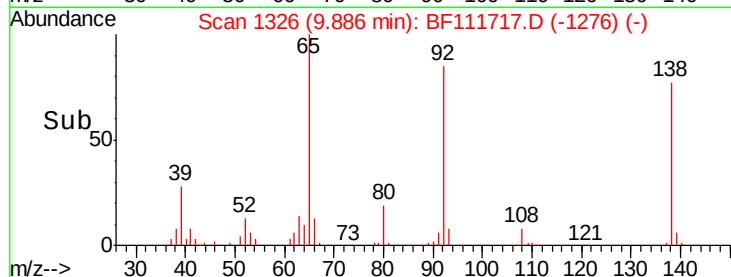
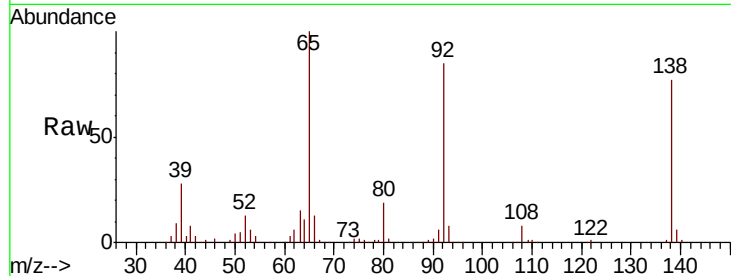
#53
3-Nitroaniline
Concen: 33.035 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.2	12.4
92	111.5	93.4	140.2

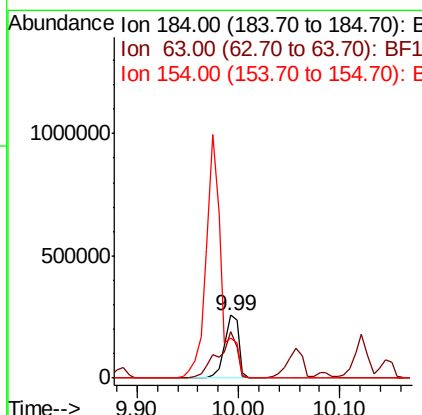
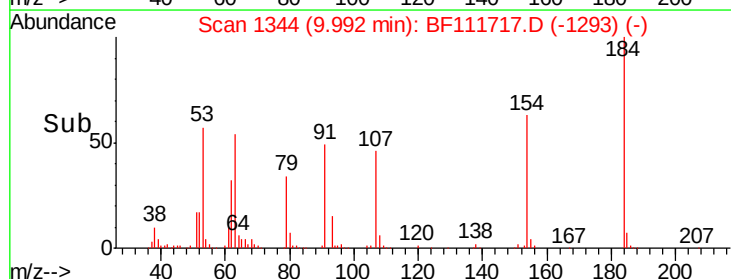
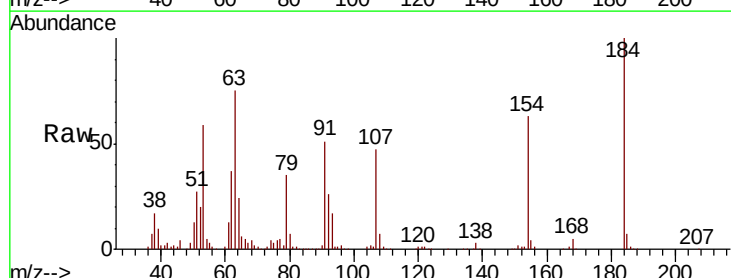
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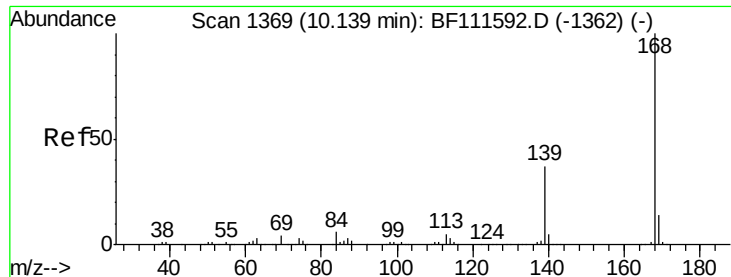
Sohil
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#54
2,4-Dinitrophenol
Concen: 144.699 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	62.3	93.5
154	62.8	56.2	84.2





#55

Dibenzofuran

Concen: 41.966 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

ClientSampleId :

PB115960BS

Tot Ion:168 Resp: 1366704

Ion Ratio Lower Upper

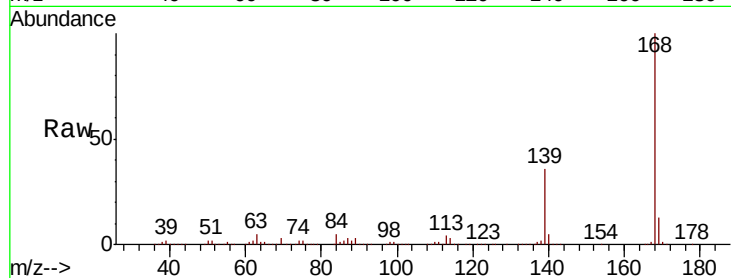
168 100

139 35.6 32.6 49.0

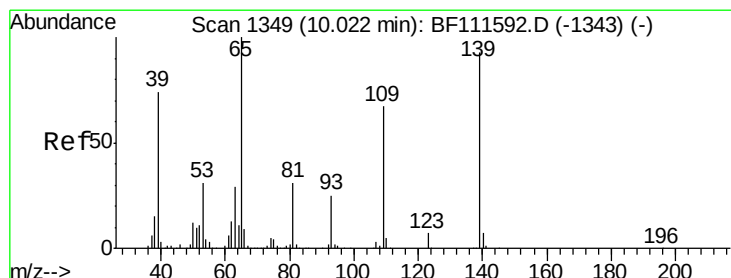
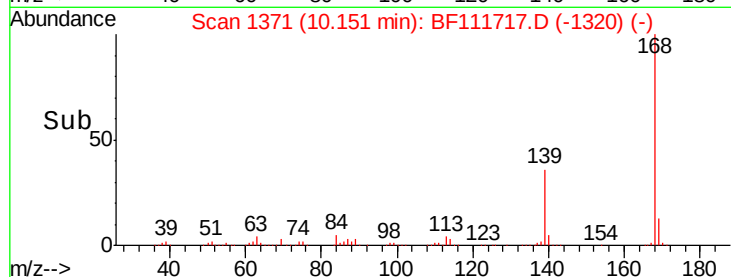
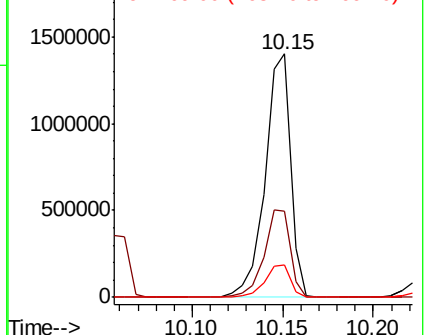
169 13.2 11.8 17.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.271 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

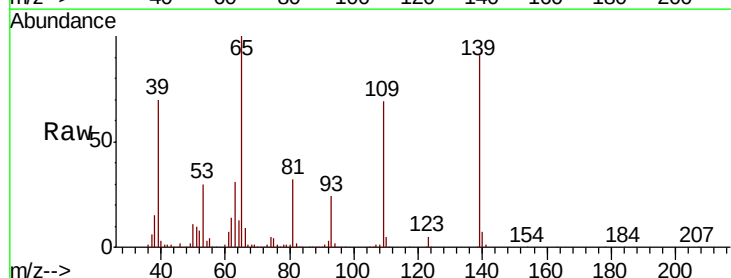
Tgt Ion:139 Resp: 413183

Ion Ratio Lower Upper

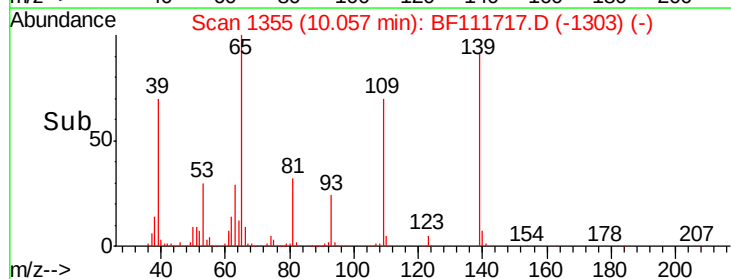
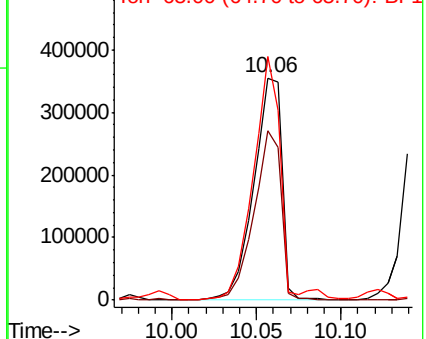
139 100

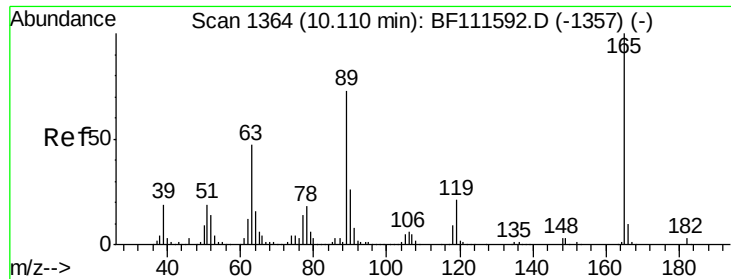
109 76.1 41.8 81.8

65 109.6 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.888 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

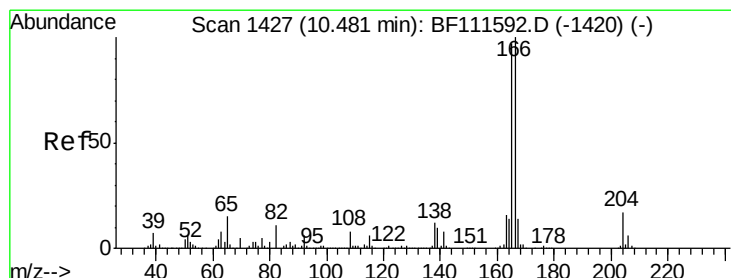
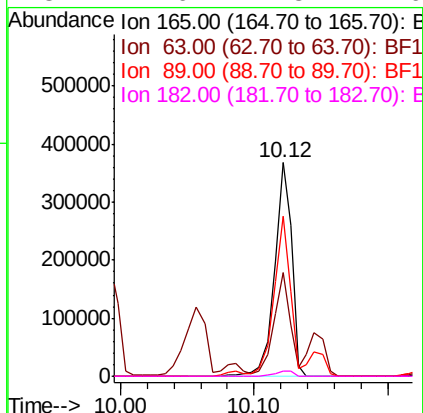
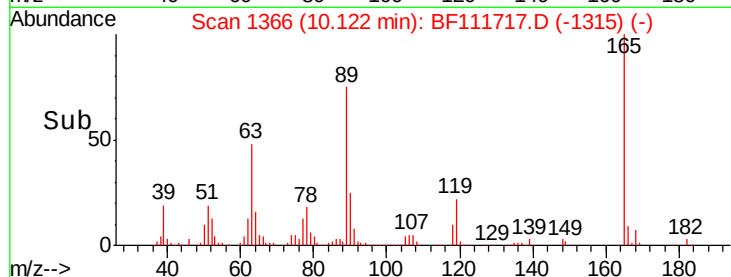
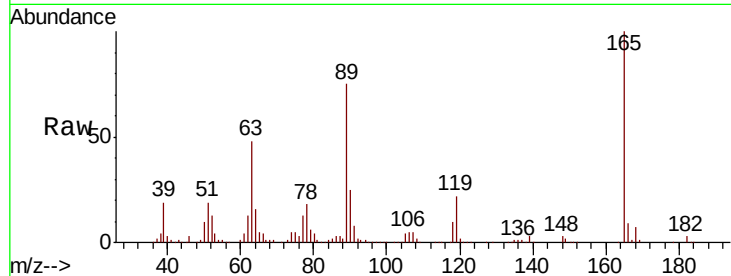
ClientSampleId :

PB115960BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		331744		
63	48.5		34.6	52.0	
89	75.2		56.2	84.4	
182	2.6		1.8	2.6	

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#58

Fluorene

Concen: 45.105 ng

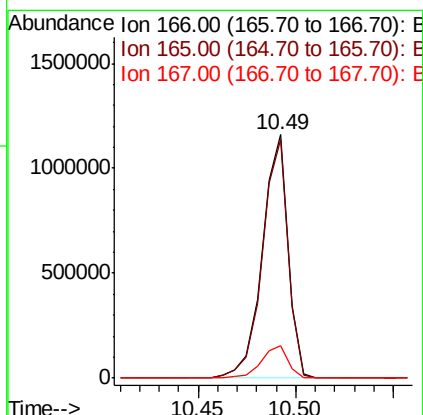
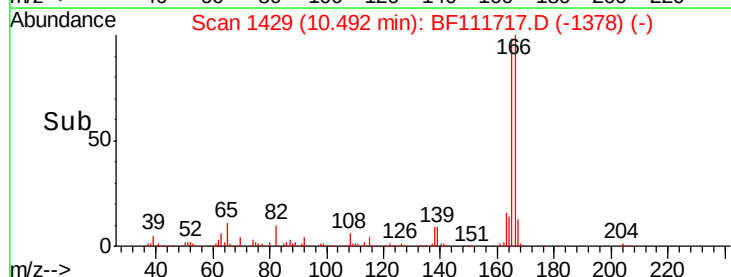
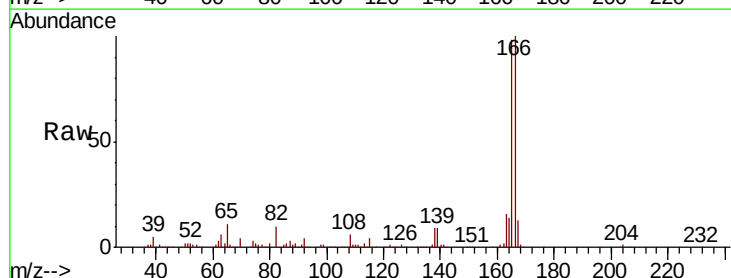
RT: 10.49 min Scan# 1429

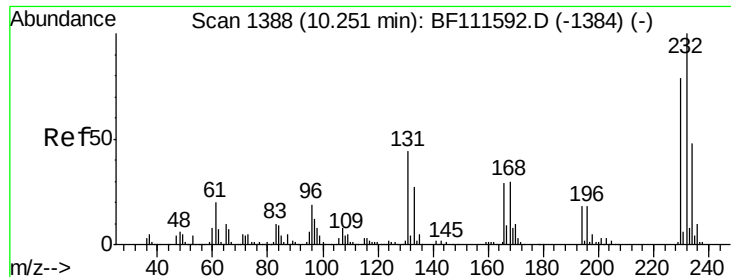
Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1058498		
165	97.8		78.4	117.6	
167	13.2		11.2	16.8	





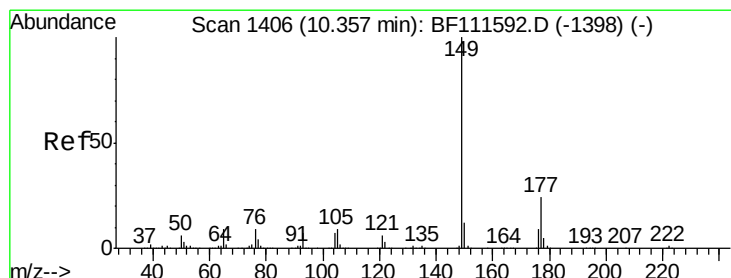
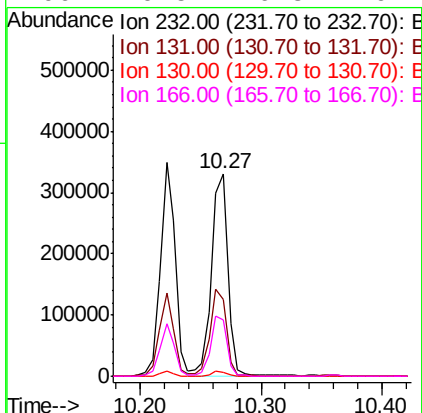
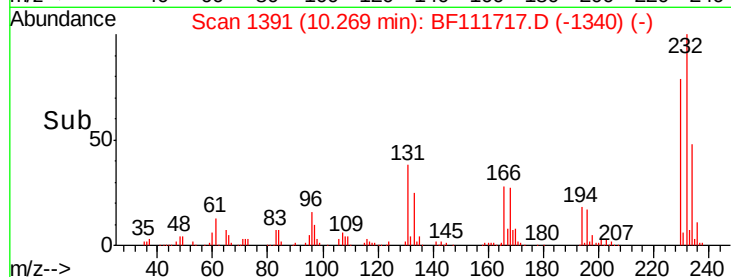
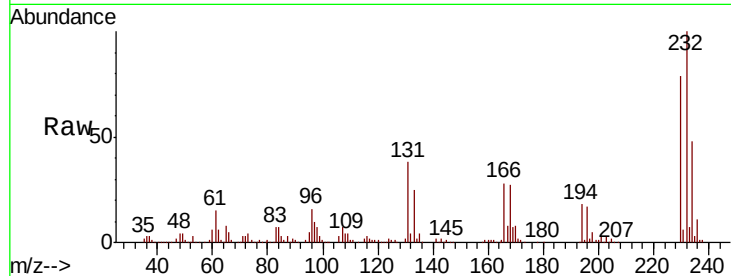
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.568 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleID :
 PB115960BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.2	40.9	61.3
130	2.2	2.0	3.0
166	29.5	26.8	40.2

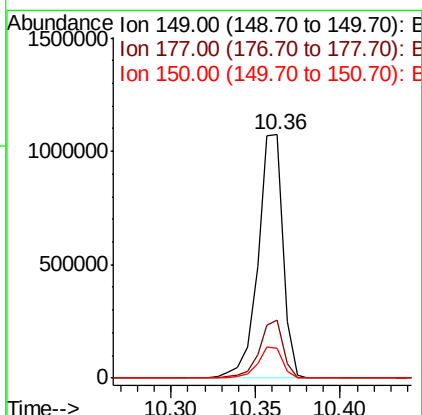
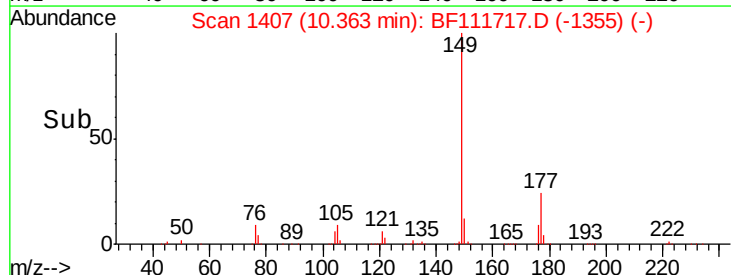
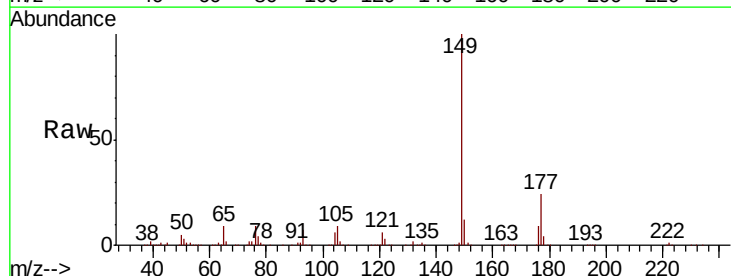
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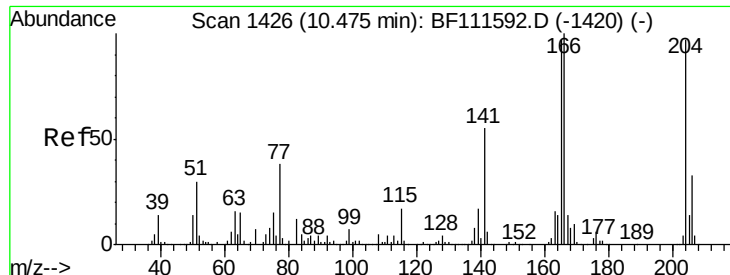
Sohil
 12/27/2018 8:22:22 AM



#60
 Diethylphthalate
 Concen: 42.900 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.5	10.6	15.8





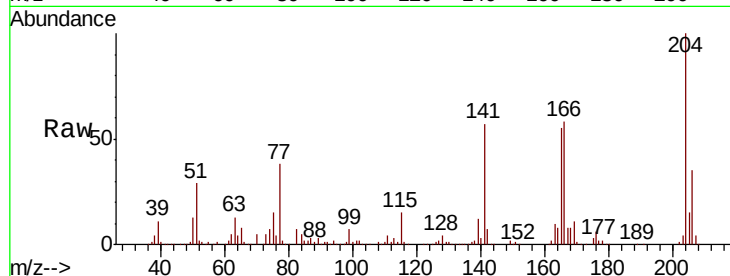
#61
4-Chlorophenyl-phenylether
Concen: 40.782 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	57.1	52.6	78.8

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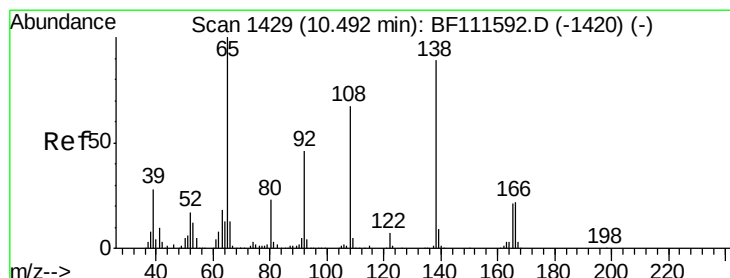
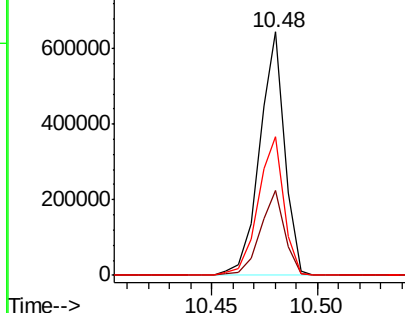
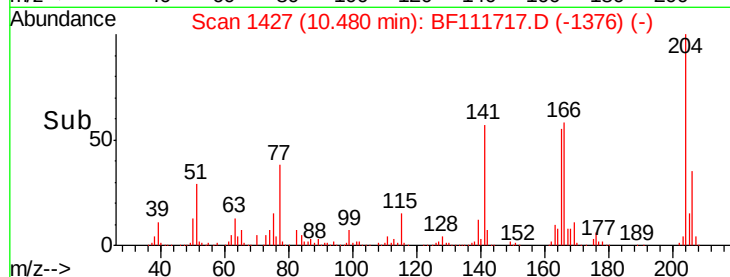


Abundance

Ion 204.00 (203.70 to 204.70): E

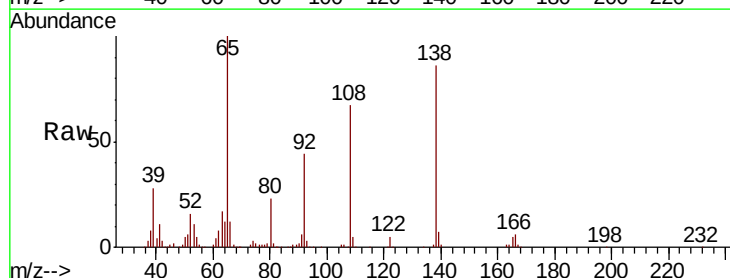
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.951 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	29.9	69.9
108	78.0	43.2	83.2

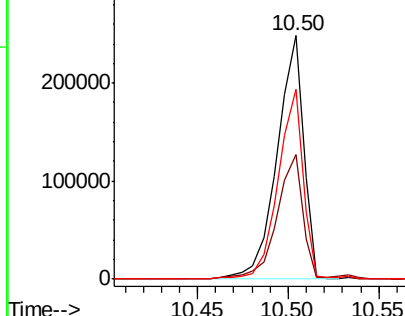
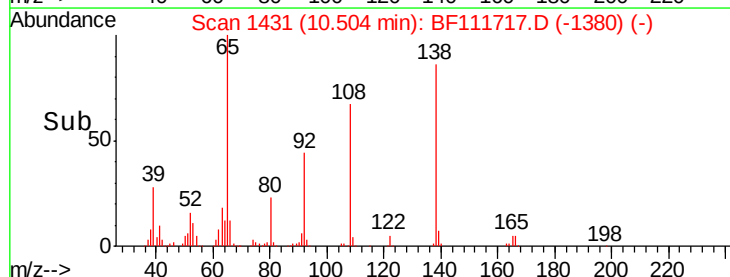


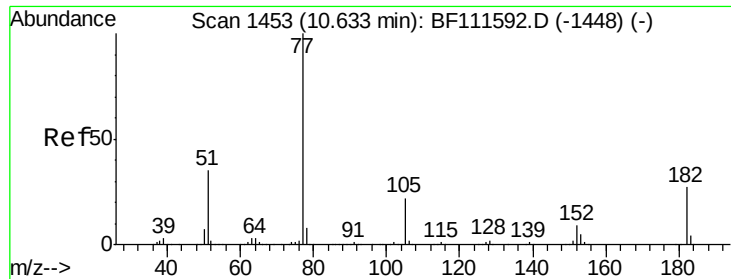
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





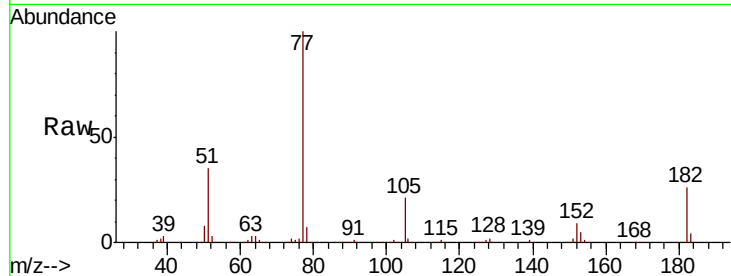
#63
Azobenzene
Concen: 40.835 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.8	4.9	44.9	
105	20.8	6.0	46.0	
51	34.5	14.7	54.7	

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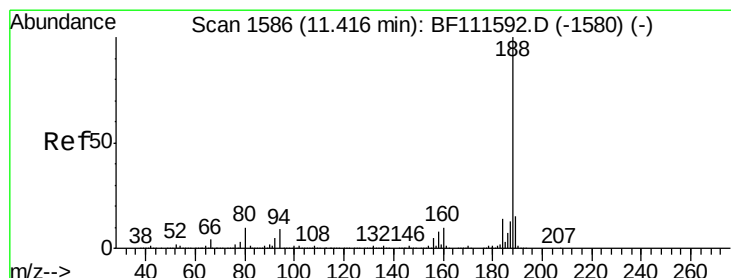
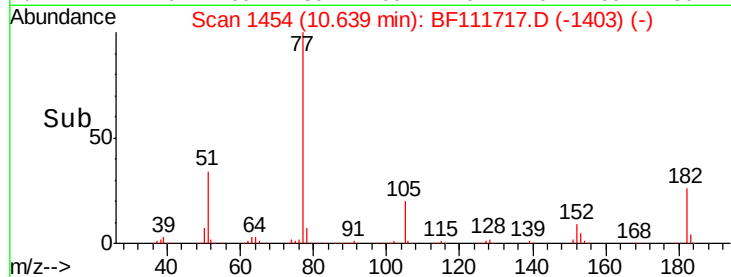
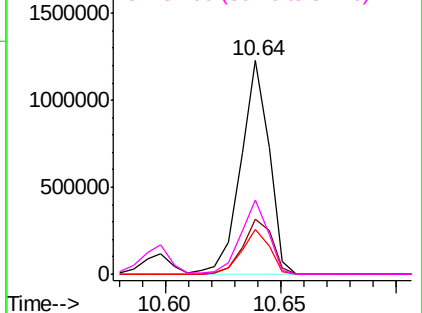
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

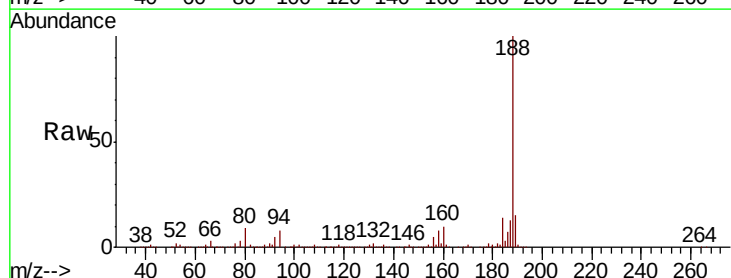
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	9.6	14.4#	
80	8.9	9.8	14.6#	

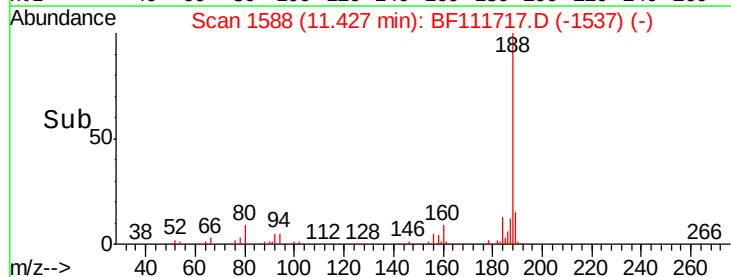
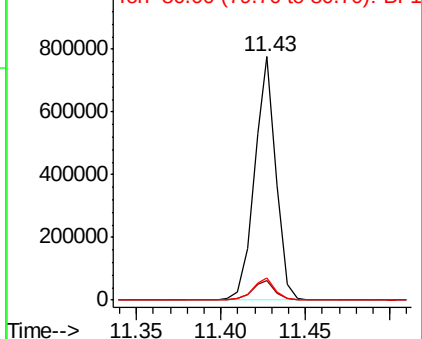


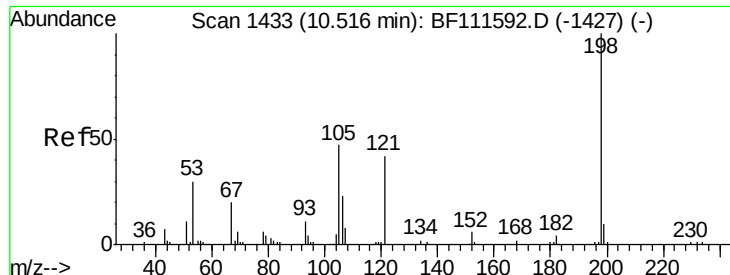
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.327 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

ClientSampled :

PB115960BS

Tot Ion:198 Resp: 159233

Ion Ratio Lower Upper

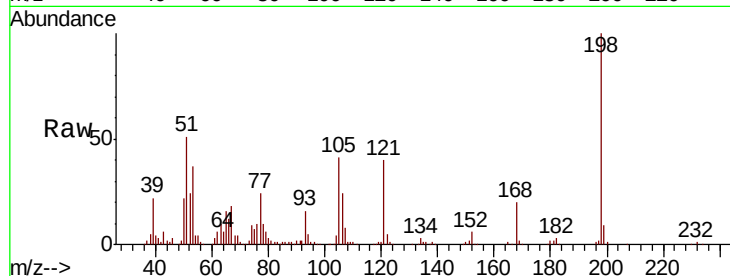
198 100

51 51.2 48.0 88.0

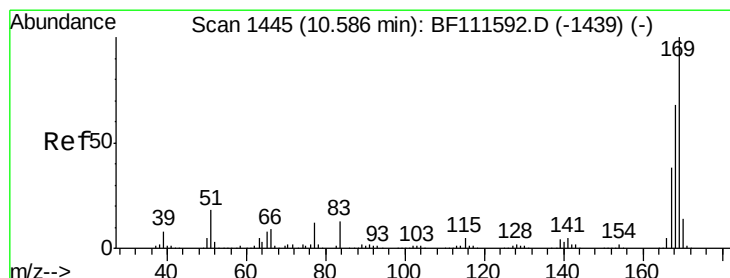
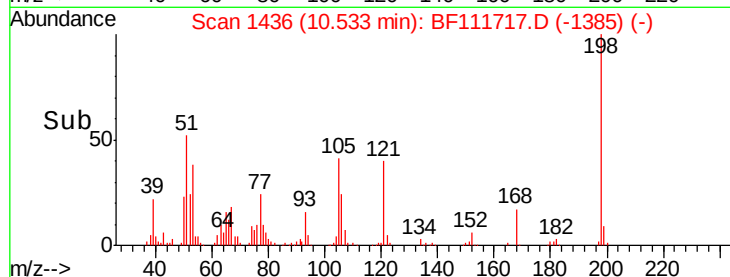
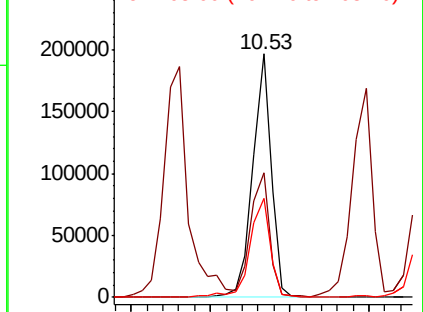
105 40.7 34.0 74.0

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.905 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

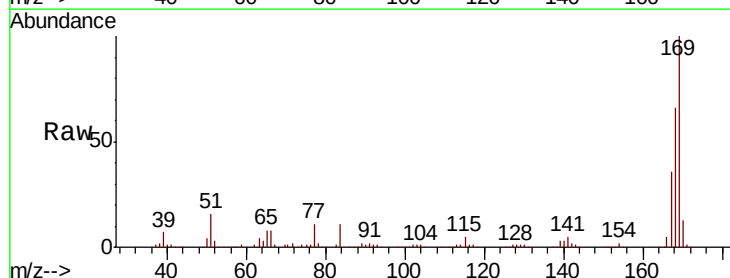
Tgt Ion:169 Resp: 936100

Ion Ratio Lower Upper

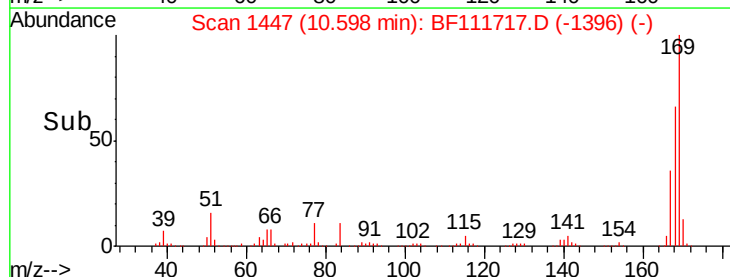
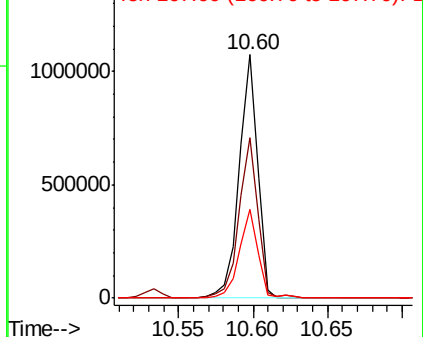
169 100

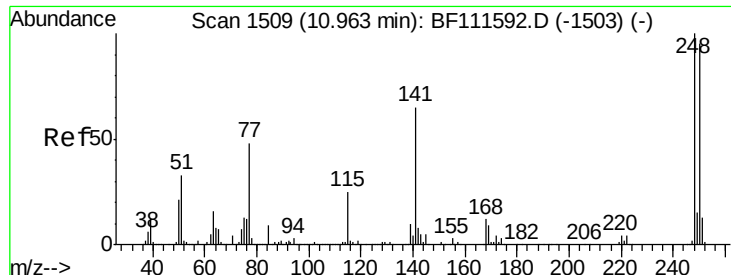
168 66.0 54.4 81.6

167 36.4 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





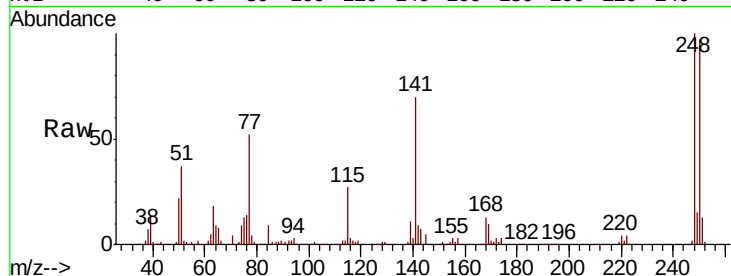
#67
4-Bromophenyl-phenylether
Concen: 40.906 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampled :
PB115960BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	70.1	63.0	94.6

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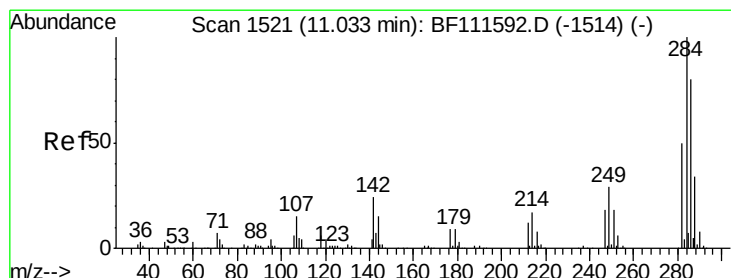
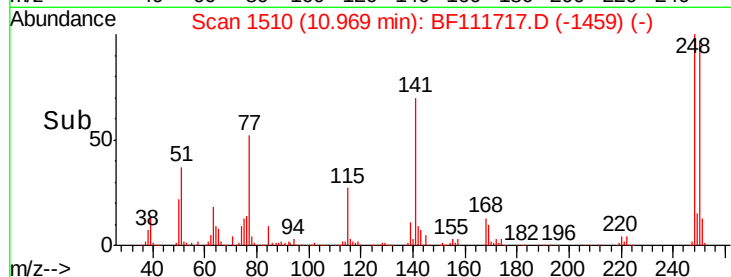
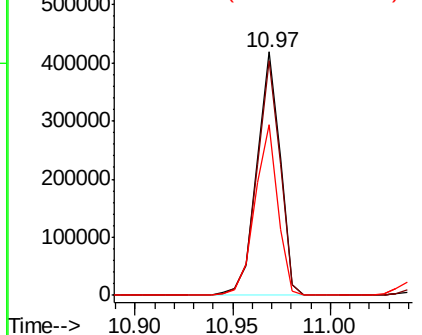


Abundance

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: 40.619 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

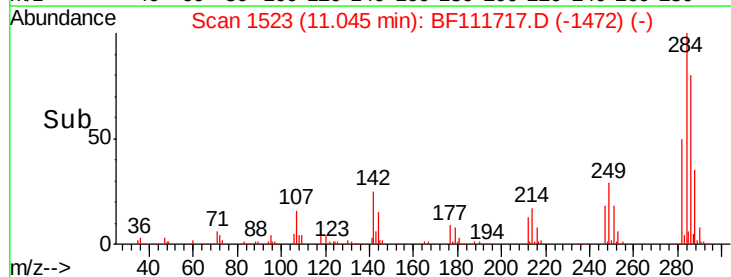
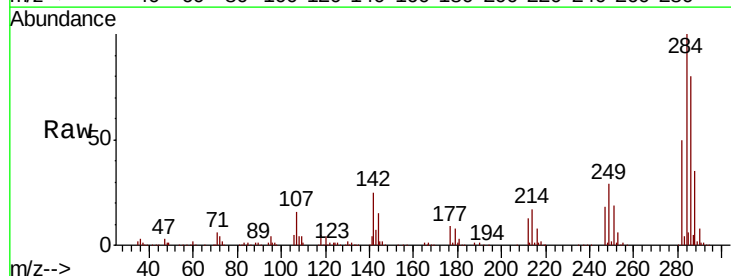
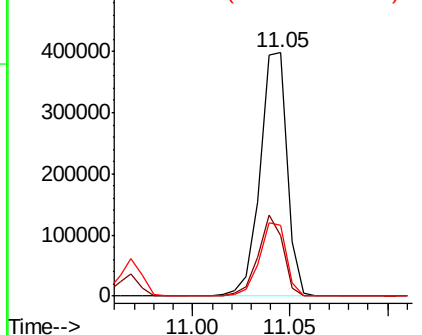
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	27.4	41.2#
249	29.3	24.4	36.6

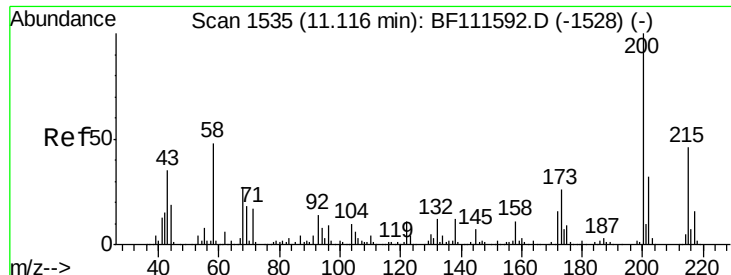
Abundance

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





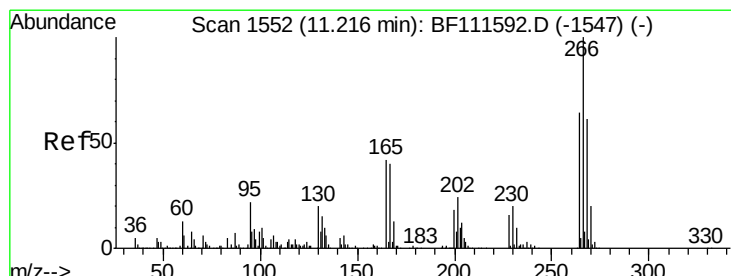
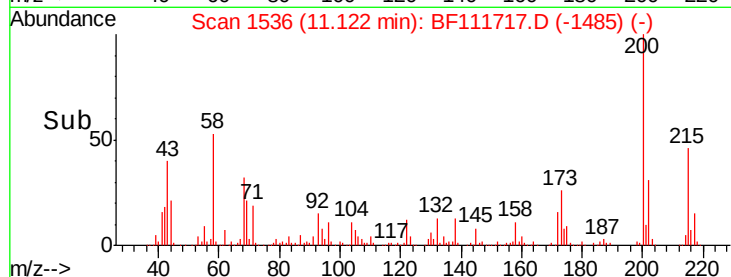
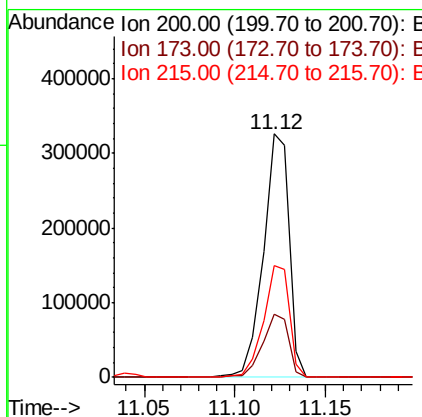
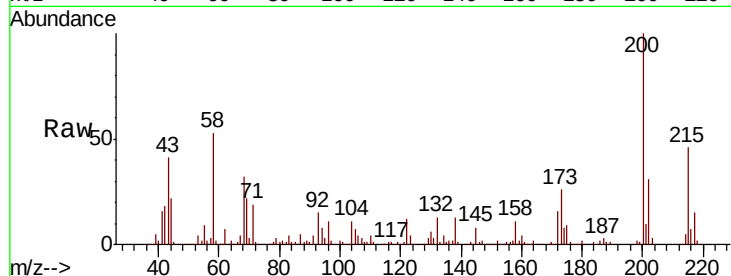
#69
Atrazine
Concen: 40.529 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	10.1	50.1
215	45.8	26.9	66.9

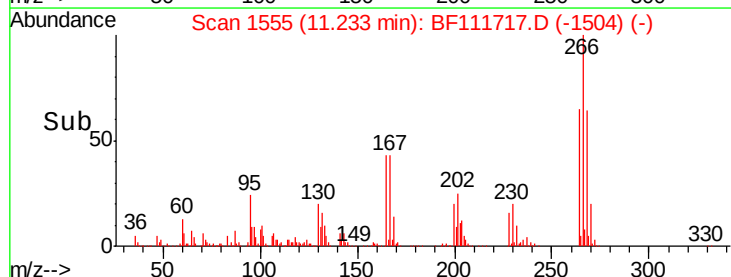
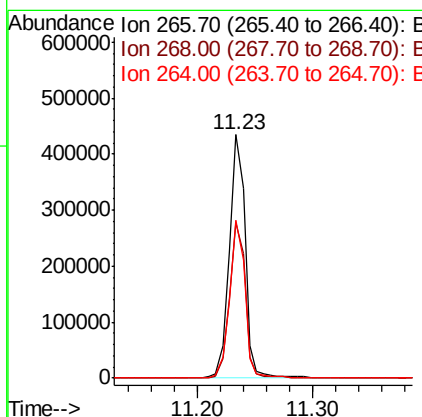
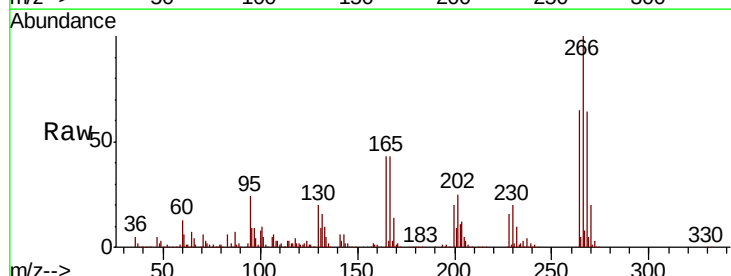
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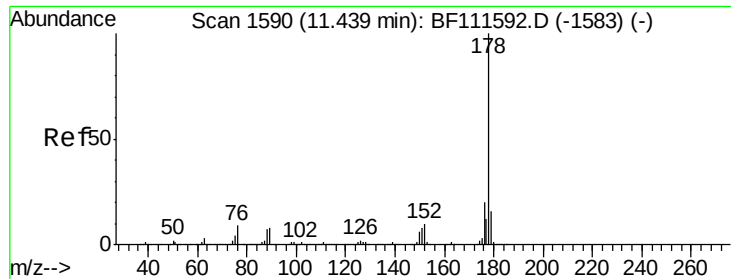
Sohil
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#70
Pentachlorophenol
Concen: 70.941 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	47.9	71.9
264	64.7	49.1	73.7





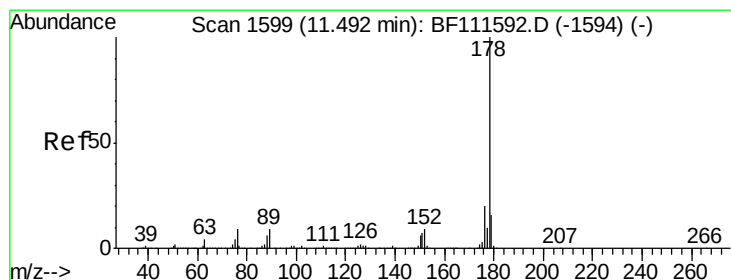
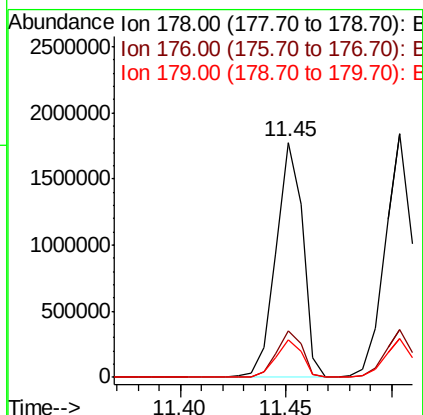
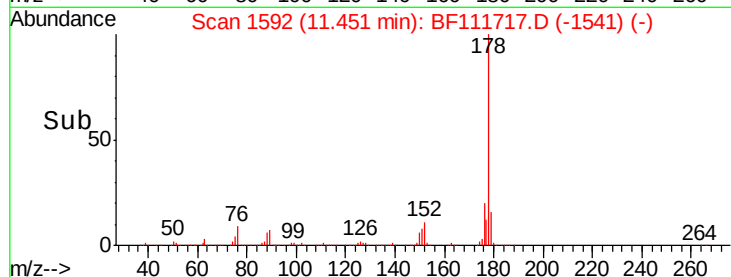
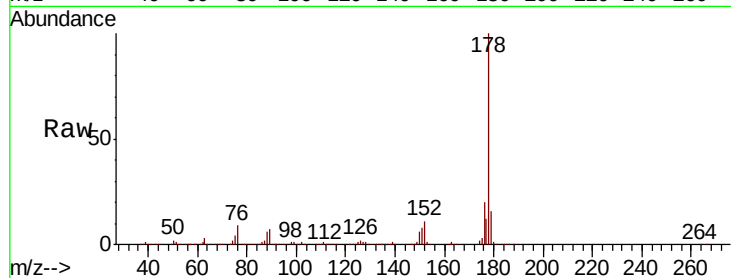
#71
Phenanthrene
Concen: 43.422 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	18.1	27.1
179	15.8	14.0	21.0

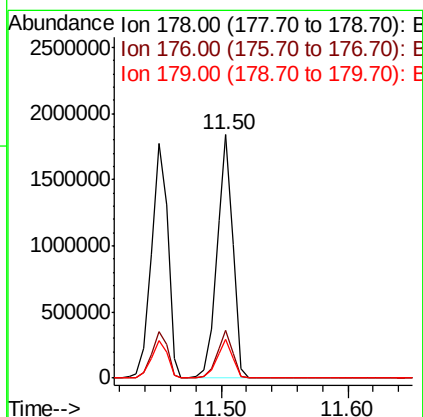
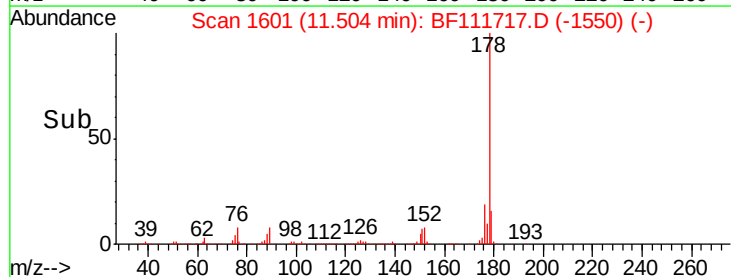
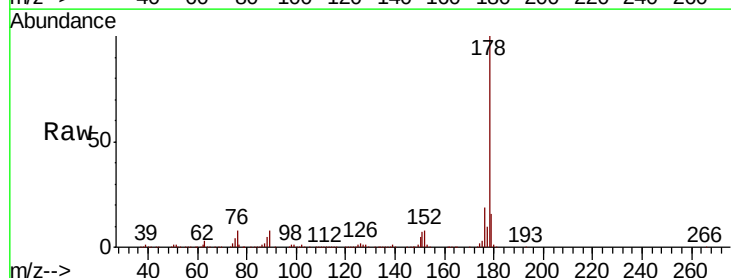
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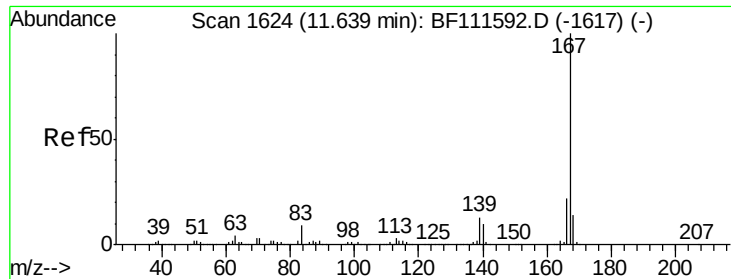
Sohil
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#72
Anthracene
Concen: 44.425 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.2	25.8
179	16.1	13.8	20.8





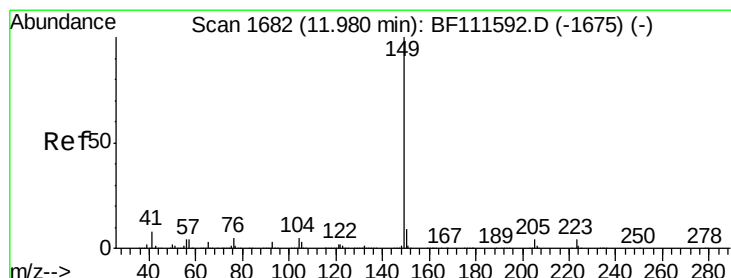
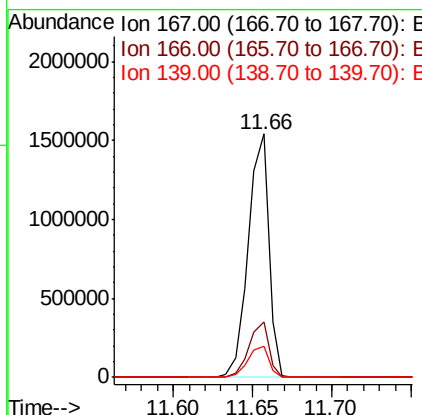
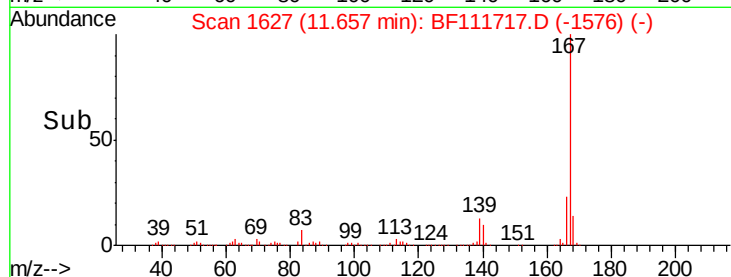
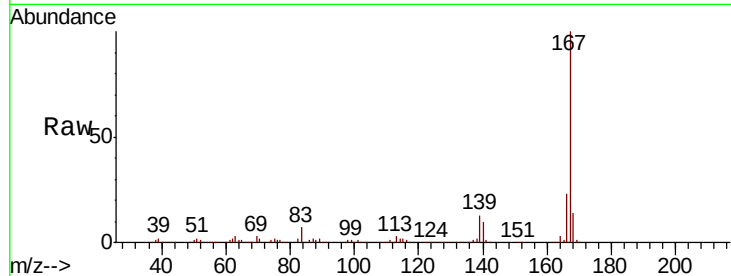
#73
 Carbazole
 Concen: 39.413 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.3	28.9
139	13.0	11.9	17.9

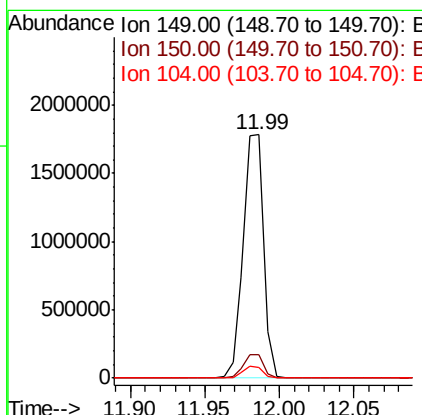
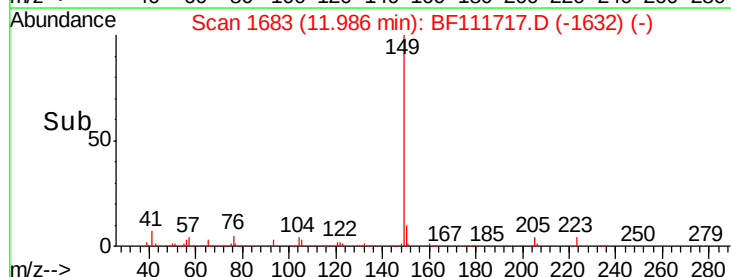
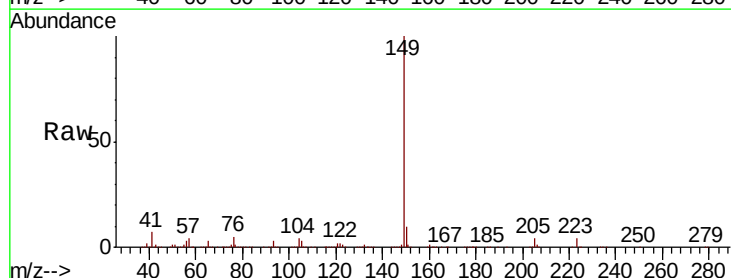
Manual Integrations
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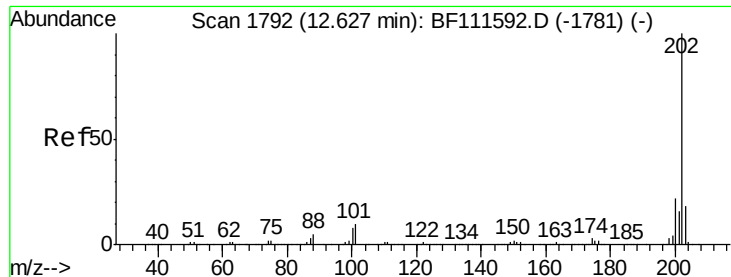
Sohil
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#74
 Di-n-butylphthalate
 Concen: 42.813 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.5	4.5	6.7





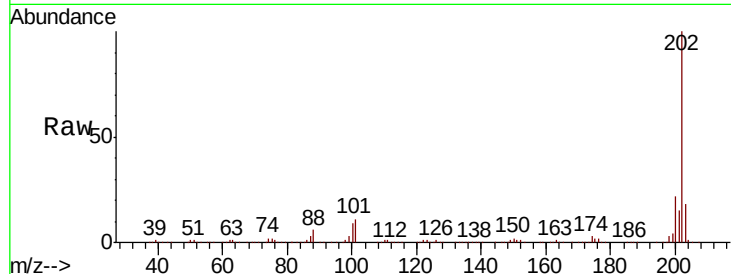
#75
Fluoranthene
Concen: 43.059 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1576511		
101	11.3	0.0	33.8	
203	18.5	0.0	38.6	

Manual Integrations
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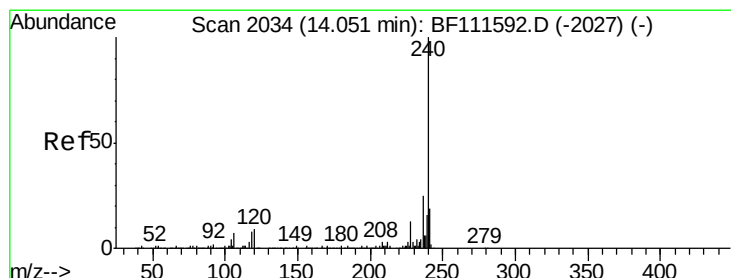
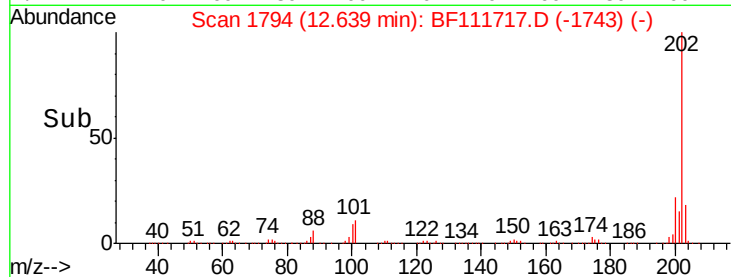
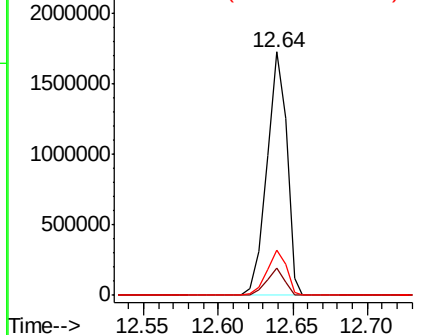


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

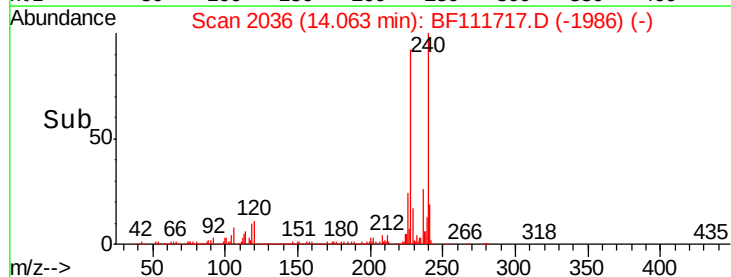
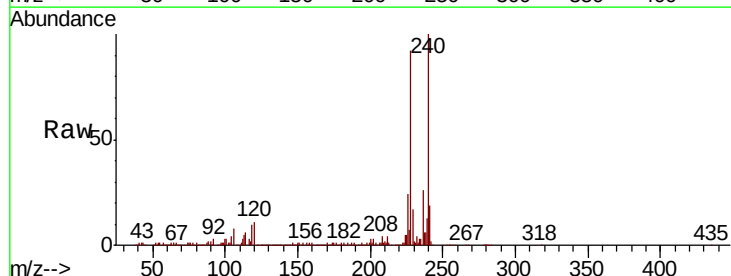
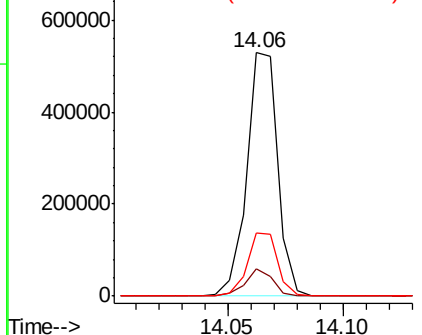
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	494302		
120	11.1	12.2	18.2#	
236	25.9	20.2	30.2	

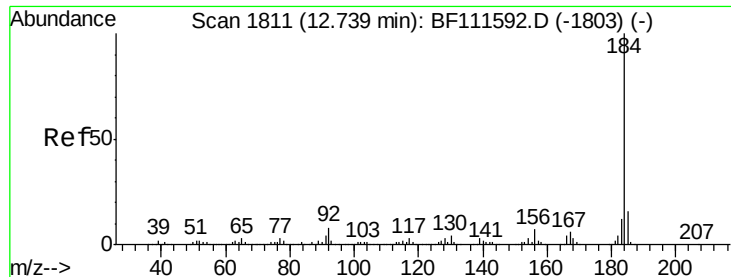
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.932 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

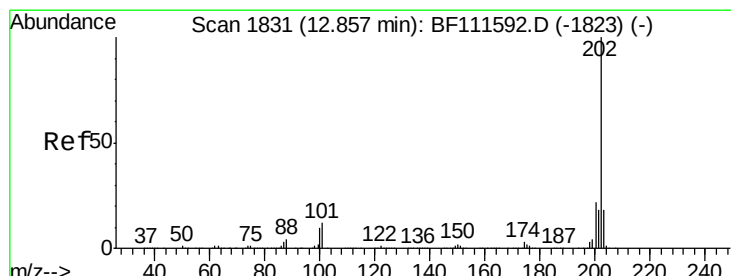
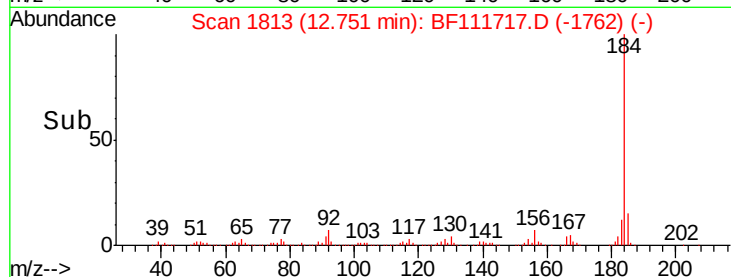
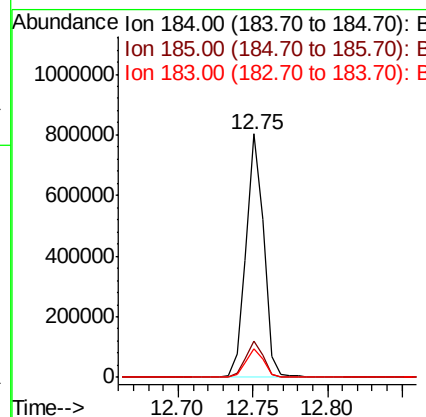
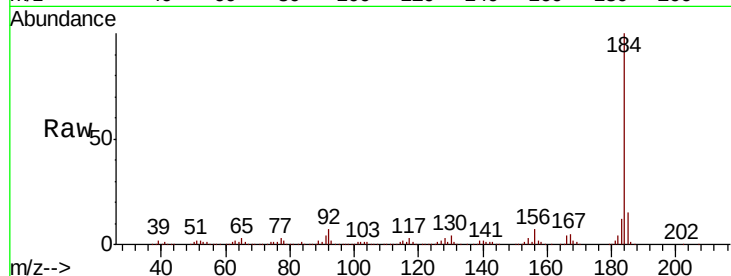
ClientSampleId :

PB115960BS

Tot Ion:	184	Resp:	668344
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	11.9	9.3	13.9

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#78

Pyrene

Concen: 45.390 ng

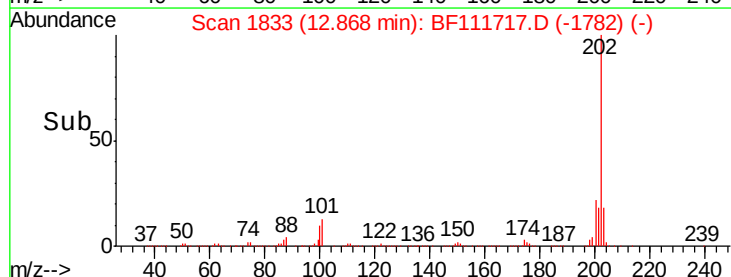
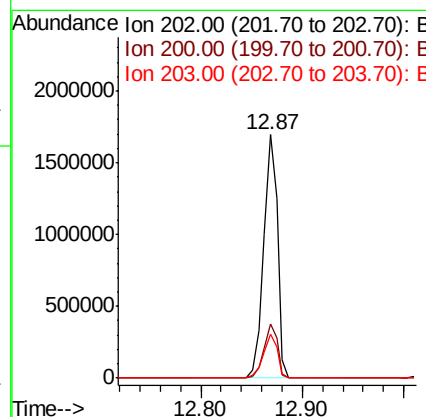
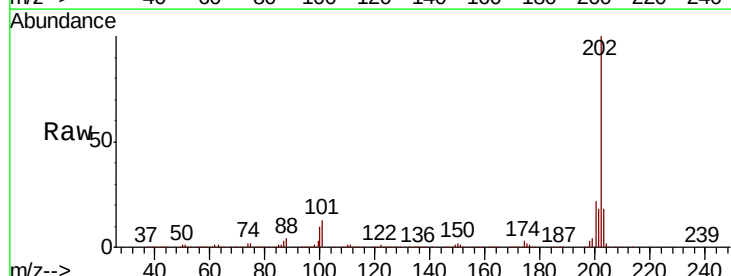
RT: 12.87 min Scan# 1833

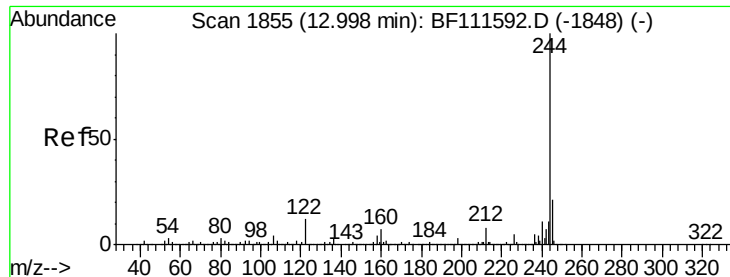
Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Tgt Ion:	202	Resp:	1584414
Ion Ratio	Lower	Upper	
202	100		
200	22.1	19.0	28.4
203	17.8	15.2	22.8





#79

Terphenyl-d14

Concen: 75.877 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

Instrument :

BNA_F

ClientSampled :

PB115960BS

Tot Ion:244 Resp: 1977730

Ion Ratio Lower Upper

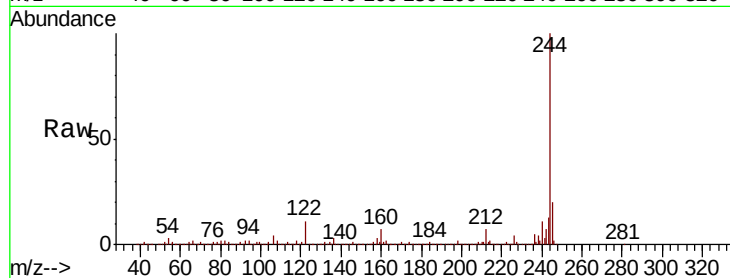
244 100

212 7.2 5.7 8.5

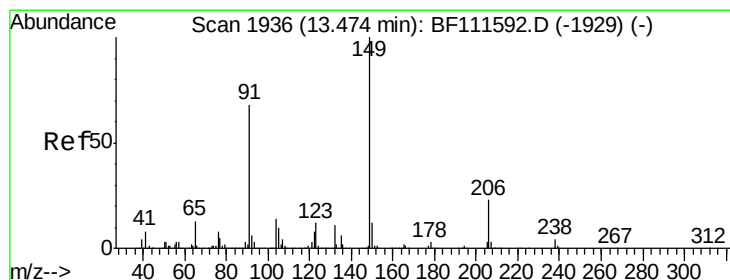
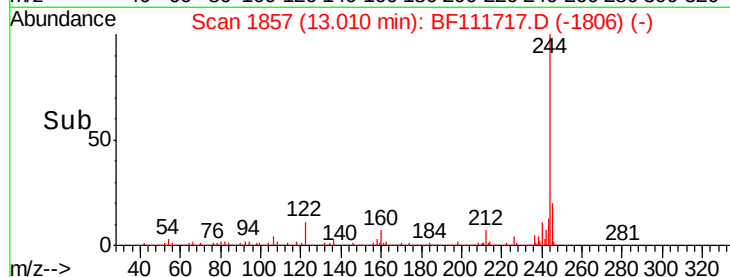
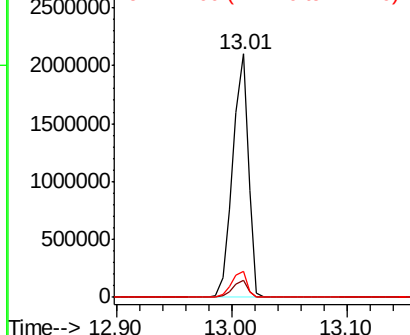
122 10.7 13.1 19.7#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.127 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BF111717.D

Acq: 26 Dec 2018 15:52

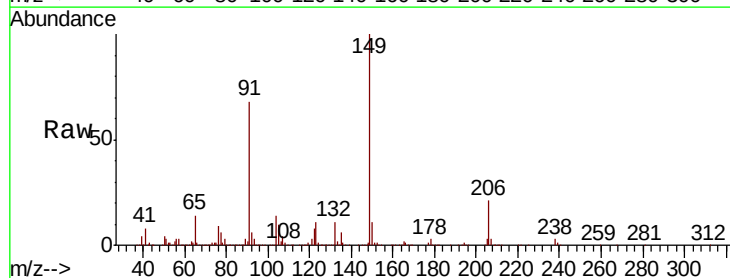
Tgt Ion:149 Resp: 656322

Ion Ratio Lower Upper

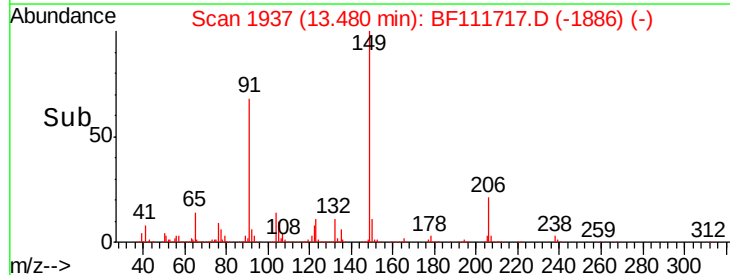
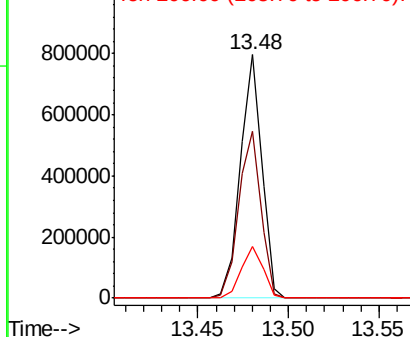
149 100

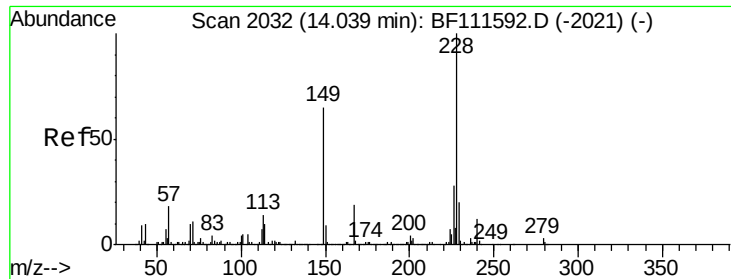
91 68.4 63.8 95.6

206 21.3 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





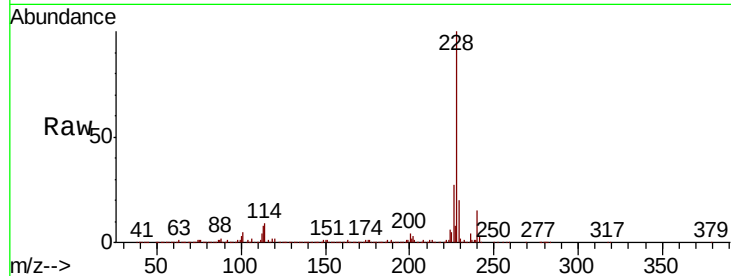
#81
Benzo(a)anthracene
Concen: 44.241 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	19.6	16.3	24.5

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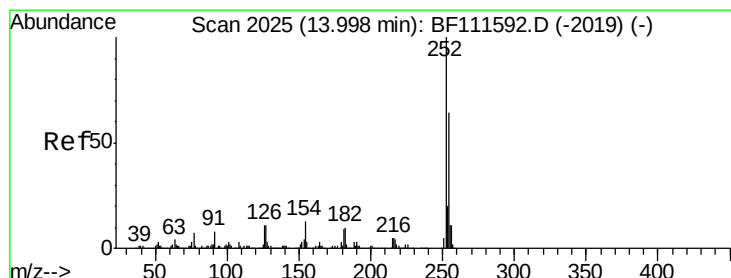
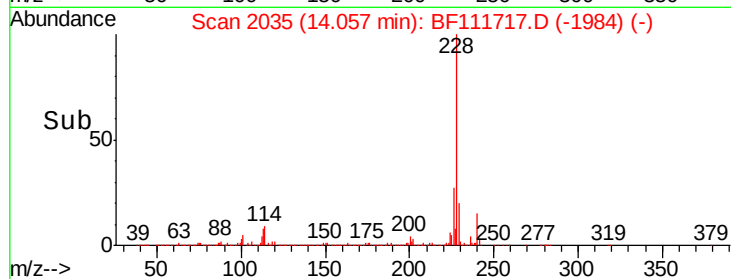
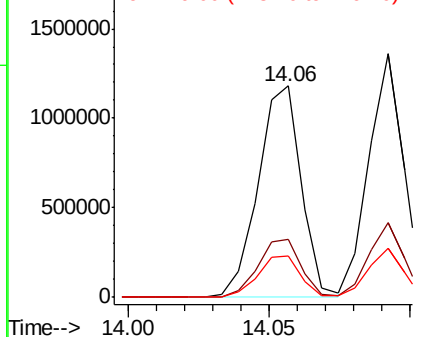


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 25.687 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

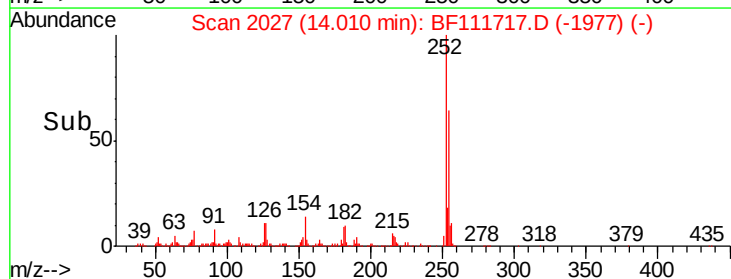
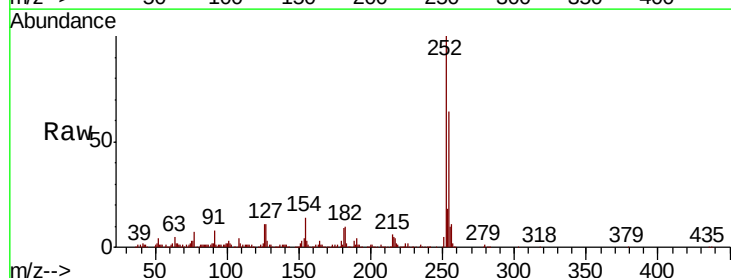
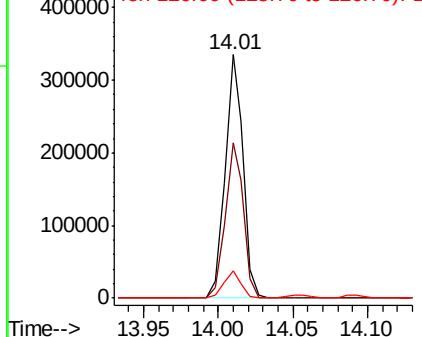
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.7	79.1
126	11.4	11.1	16.7

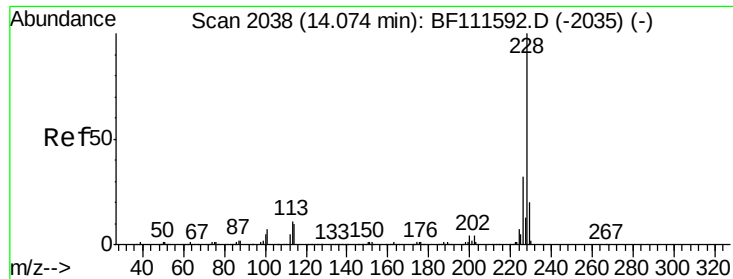
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





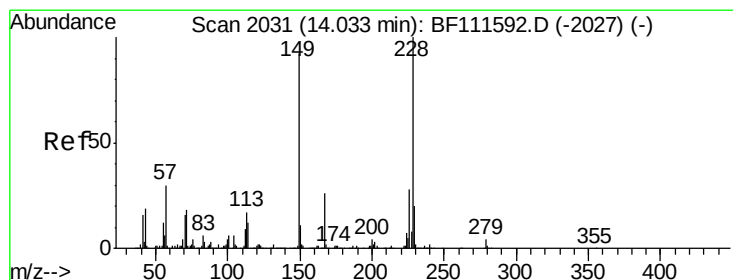
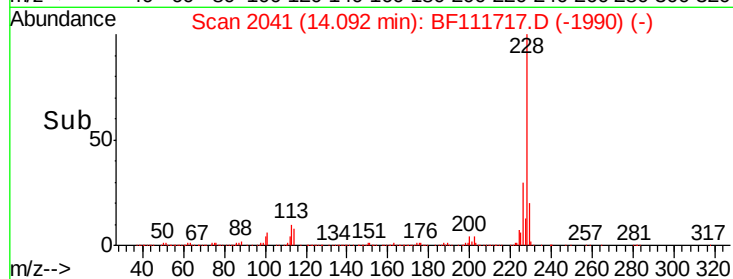
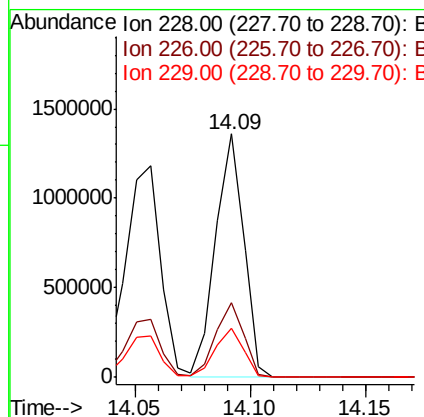
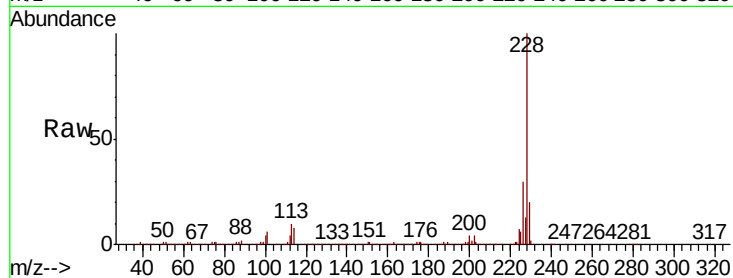
#83
 Chrvsene
 Concen: 41.515 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB115960BS

Tot Ion:228 Resp: 1151042
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 20.0 17.2 25.8

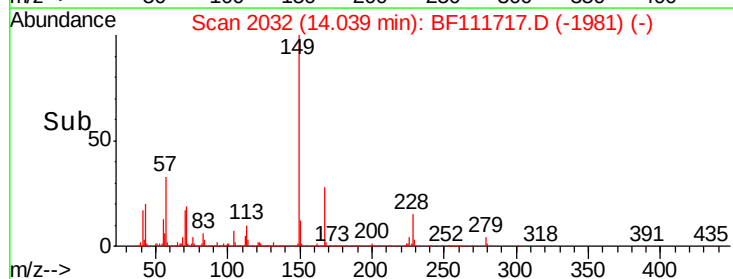
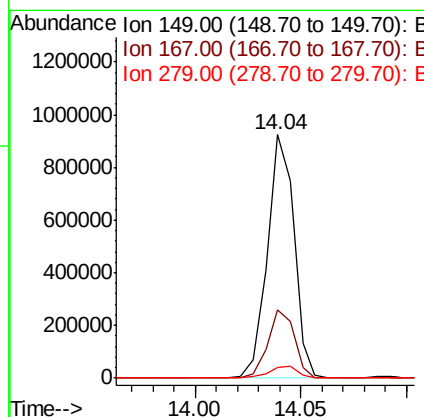
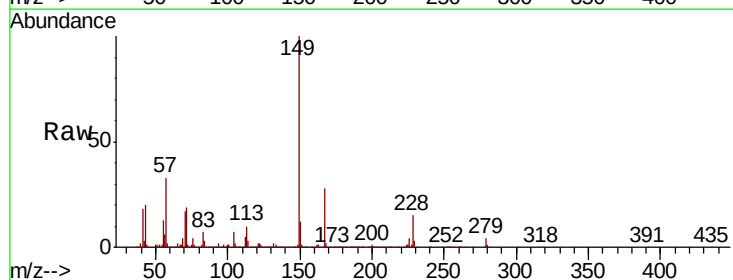
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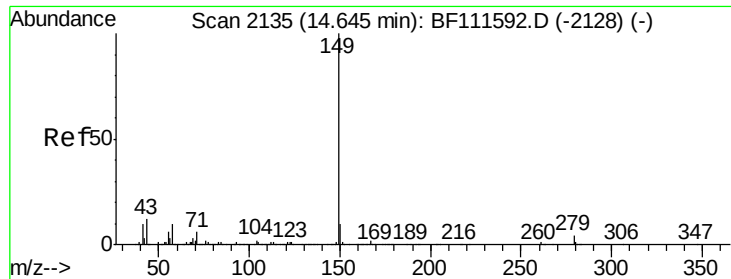
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.471 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF111717.D
 Acq: 26 Dec 2018 15:52

Tgt Ion:149 Resp: 814971
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.5 33.7
 279 4.2 2.6 4.0#





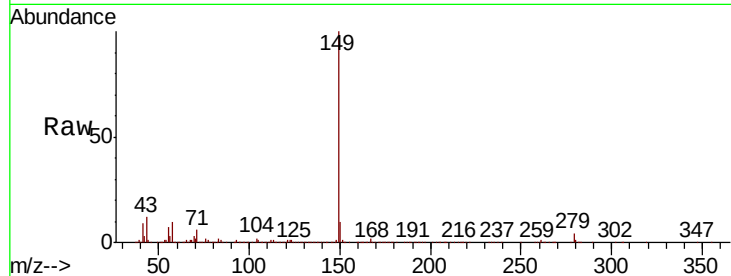
#85
Di-n-octyl phthalate
Concen: 42.247 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.6	10.9	16.3

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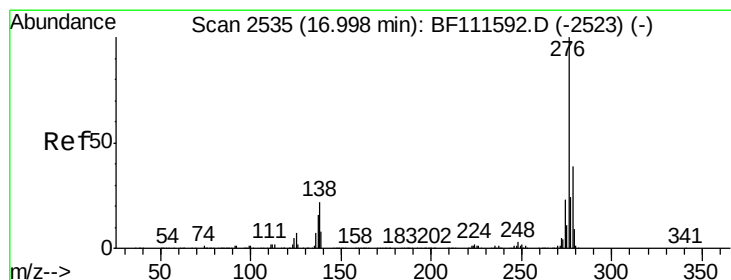
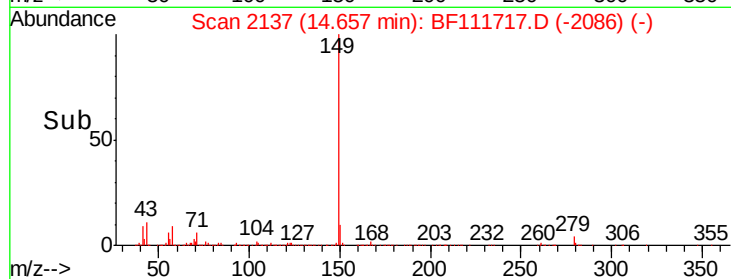
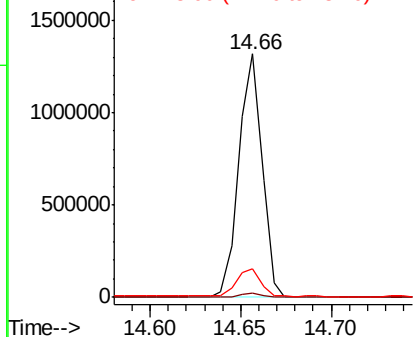


Abundance

Ion 149.00 (148.70 to 149.70): E

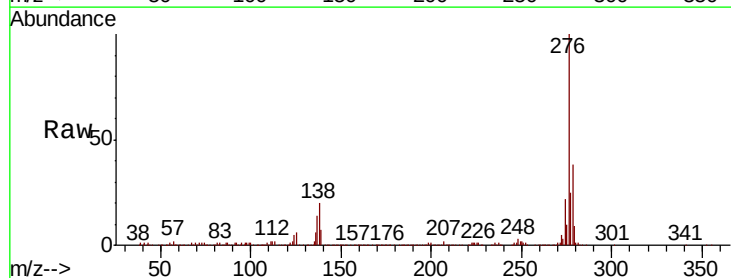
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.110 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	27.8	41.6#
277	25.2	20.1	30.1

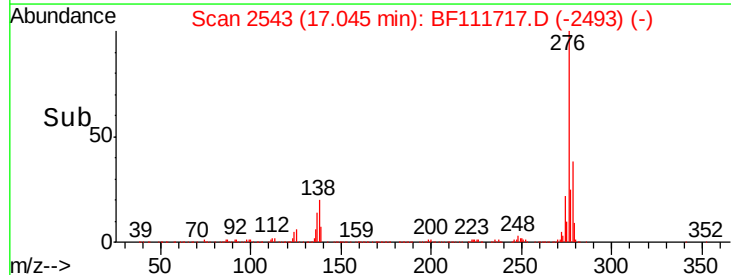
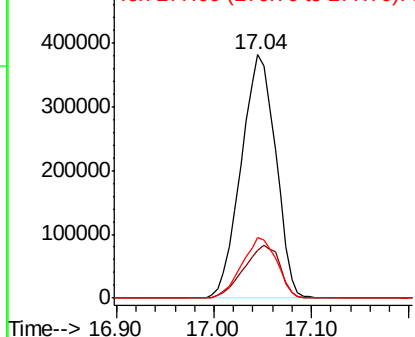


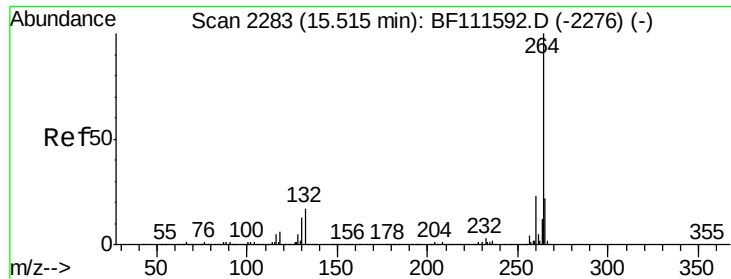
Abundance

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





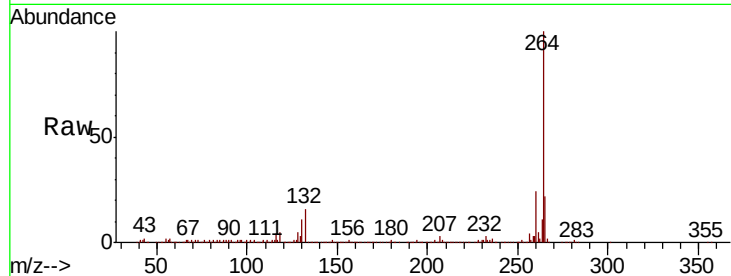
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.9	17.7	26.5

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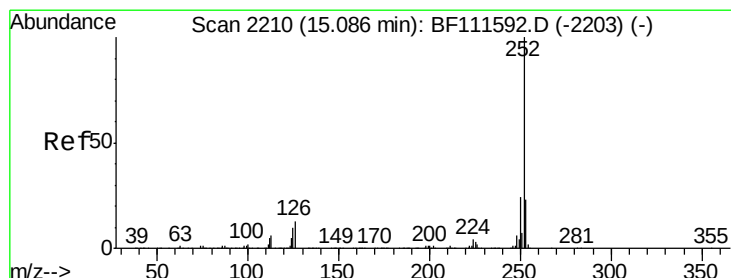
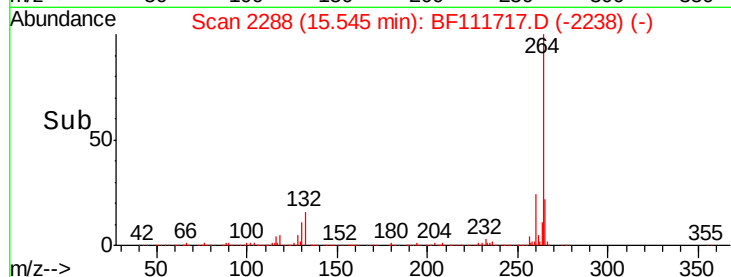
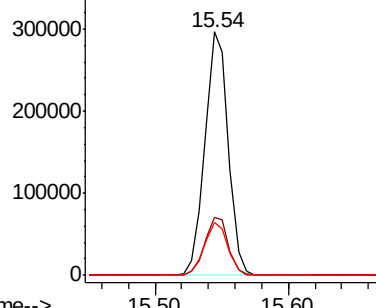


Abundance

Ion 264.00 (263.70 to 264.70): E

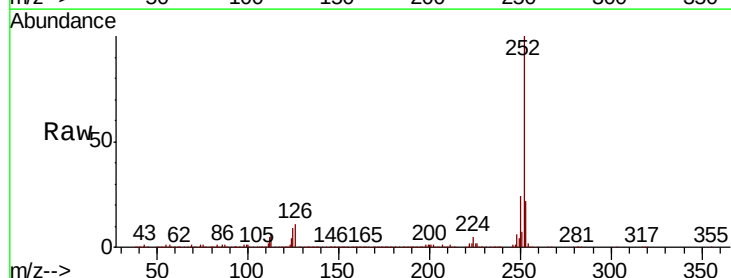
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.685 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.5	10.4	15.6

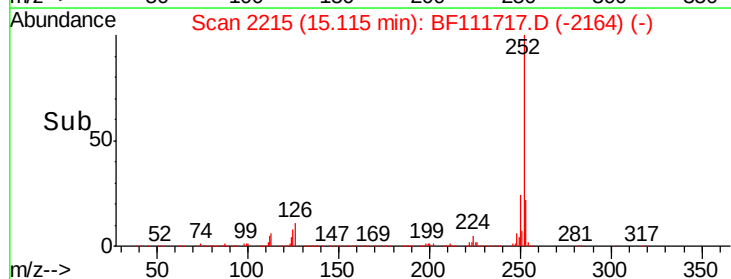
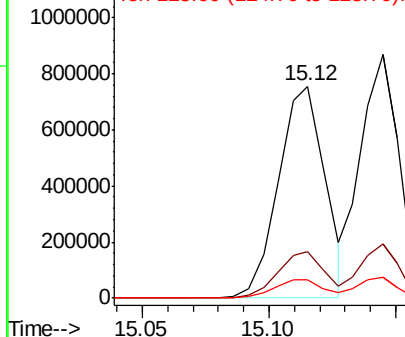


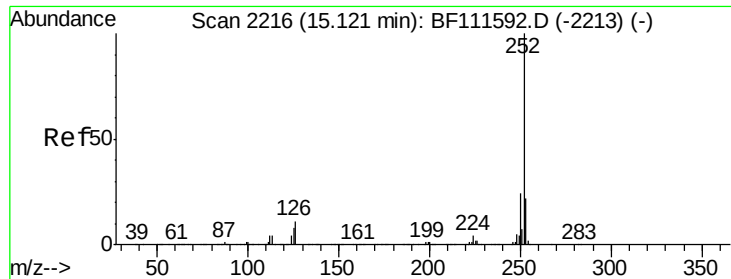
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





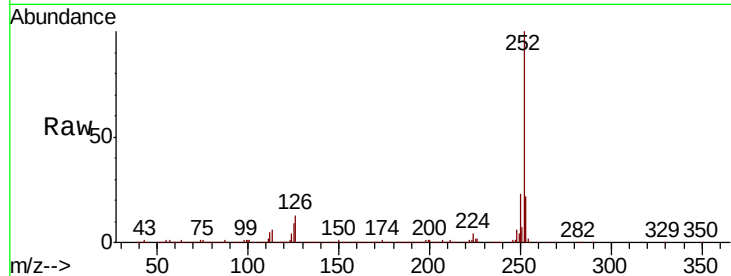
#89
Benzo(k)fluoranthene
Concen: 45.386 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.8	9.8	14.8

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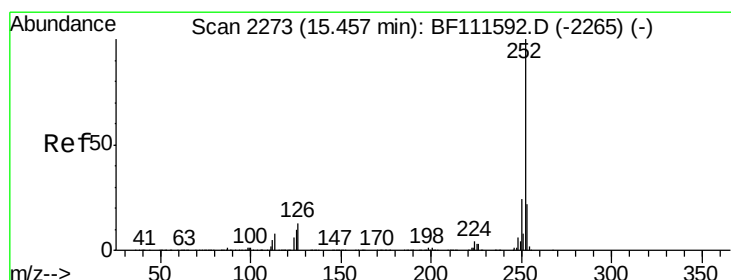
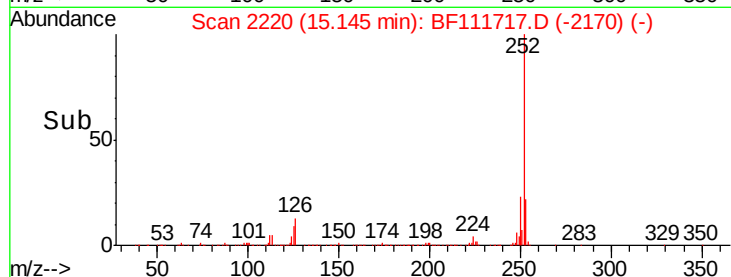
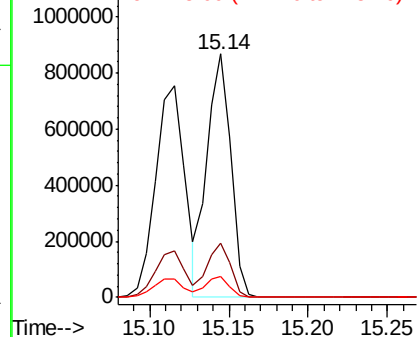


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.603 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

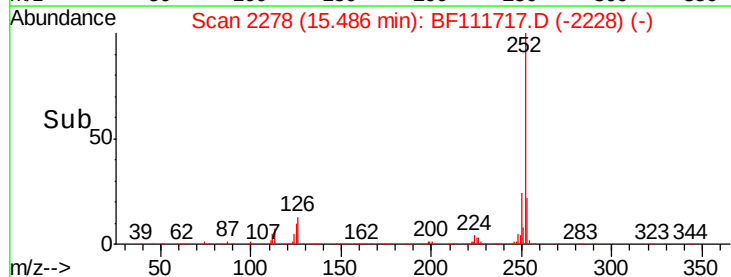
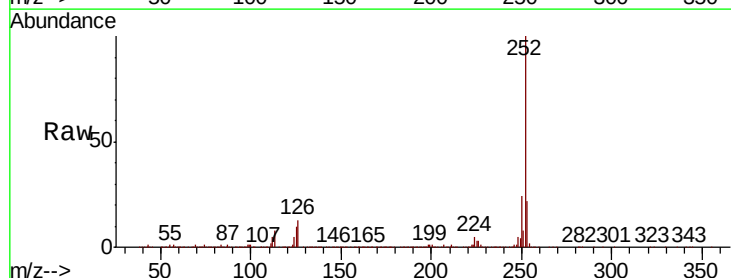
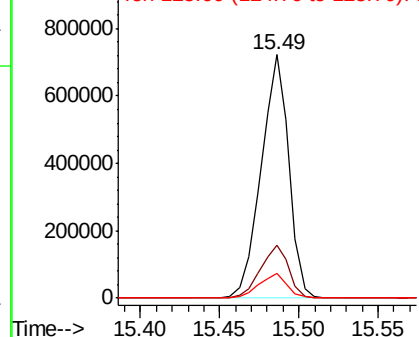
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	12.3	18.5

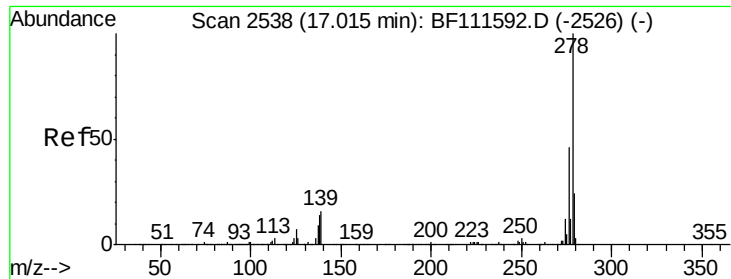
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





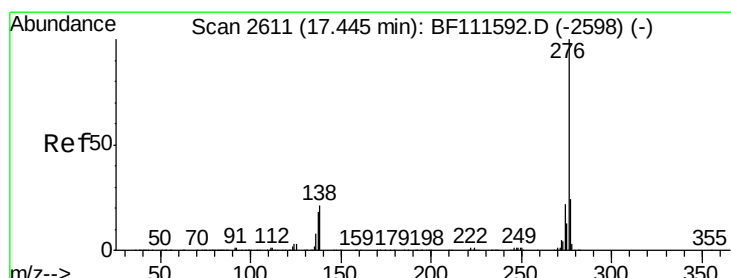
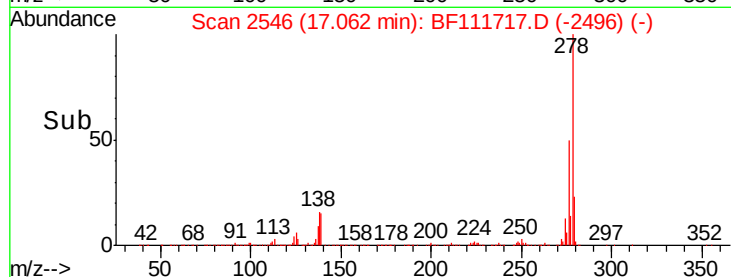
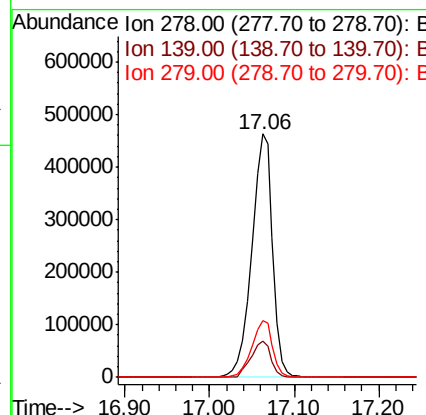
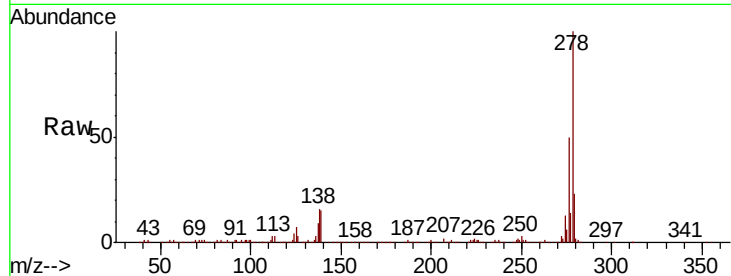
#91
Dibenzo(a,h)anthracene
Concen: 47.202 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Instrument :
BNA_F
ClientSampleId :
PB115960BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	18.2	27.4#
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/27/2018 8:22:22 AM



#92
Benzo(g,h,i)perylene
Concen: 48.539 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF111717.D
Acq: 26 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	18.9	24.9	37.3#

