

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116567.D
 Acq On : 26 Aug 2019 11:51
 Operator : HP/JU
 Sample : PB122528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Manual Integrations
 APPROVED

Jagrut
 8/27/2019 10:30:21 AM

Quant Time: Aug 27 03:23:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130355	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	548065	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	292161	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	513055	20.00	ng	0.00
76) Chrysene-d12	14.04	240	353544	20.00	ng	0.00
87) Perylene-d12	15.50	264	295591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	800107	89.68	ng	0.02
7) Phenol-d6	6.52	99	1012180	92.53	ng	0.01
23) Nitrobenzene-d5	7.45	82	599413	59.84	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	272909	108.78	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1112468	61.32	ng	0.00
79) Terphenyl-d14	12.98	244	1184623	62.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	132458	34.291	ng	99
3) Pyridine	3.53	79	320690	27.262	ng	98
4) n-Nitrosodimethylamine	3.47	42	150356	35.014	ng	99
6) Aniline	6.55	93	393931	26.600	ng	98
8) 2-Chlorophenol	6.67	128	356427	38.071	ng	96
9) Benzaldehyde	6.43	77	257697	35.258	ng	94
10) Phenol	6.53	94	449309	37.824	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	336180	37.169	ng	99
12) 1,3-Dichlorobenzene	6.83	146	366148	36.133	ng	94
13) 1,4-Dichlorobenzene	6.90	146	380516	39.016	ng	98
14) 1,2-Dichlorobenzene	7.06	146	352962	38.364	ng	99
15) Benzyl Alcohol	7.02	79	325246	36.740	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418255	33.446	ng	98
17) 2-Methylphenol	7.13	107	299054	38.553	ng	99
18) Hexachloroethane	7.40	117	138890	36.515	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	256199	34.323	ng	100
20) 3+4-Methylphenols	7.29	107	372484	39.200	ng	# 83
22) Acetophenone	7.29	105	499476	36.446	ng	# 96
24) Nitrobenzene	7.46	77	394301	38.007	ng	99
25) Isophorone	7.70	82	705781	35.751	ng	97
26) 2-Nitrophenol	7.78	139	191412	50.512	ng	91
27) 2,4-Dimethylphenol	7.82	122	328444	41.540	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	431971	35.432	ng	100
29) 2,4-Dichlorophenol	8.02	162	301223	40.060	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	328822	38.844	ng	99
31) Naphthalene	8.19	128	1037366	39.127	ng	99
32) Benzoic acid	7.93	122	224922	44.497	ng	94
33) 4-Chloroaniline	8.23	127	267994	23.025	ng	99
34) Hexachlorobutadiene	8.31	225	180783	39.159	ng	99
35) Caprolactam	8.59	113	92256m	35.223	ng	
36) 4-Chloro-3-methylphenol	8.71	107	325231	38.334	ng	96
37) 2-Methylnaphthalene	8.87	142	705407	38.750	ng	100
38) 1-Methylnaphthalene	8.97	142	653783	38.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303883	38.660	ng	98

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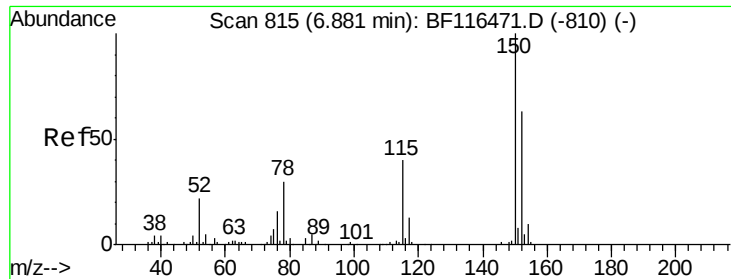
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	335250	79.272	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	218474	39.713	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	222495	39.748	nq	94
46) 1,1'-Biphenyl	9.34	154	869483	37.223	nq	100
47) 2-Chloronaphthalene	9.36	162	659792	36.435	nq	98
48) 2-Nitroaniline	9.45	65	209180	37.726	nq	97
49) Acenaphthylene	9.78	152	1023402	38.627	nq	98
50) Dimethylphthalate	9.64	163	770875	37.817	nq	99
51) 2,6-Dinitrotoluene	9.69	165	174559	41.837	nq	93
52) Acenaphthene	9.95	154	710203	41.775	nq	100
53) 3-Nitroaniline	9.86	138	133772	26.897	nq	90
54) 2,4-Dinitrophenol	9.97	184	154810	93.207	nq	# 1
55) Dibenzofuran	10.13	168	908649	38.342	nq	98
56) 4-Nitrophenol	10.02	139	298548	77.231	nq	97
57) 2,4-Dinitrotoluene	10.10	165	233188	43.922	nq	98
58) Fluorene	10.47	166	700675	38.055	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	192440	41.870	nq	95
60) Diethylphthalate	10.34	149	754986	37.683	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	339923	37.843	nq	97
62) 4-Nitroaniline	10.48	138	190960	39.259	nq	93
63) Azobenzene	10.62	77	760767	36.931	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	112314	52.601	nq	80
66) n-Nitrosodiphenylamine	10.57	169	631027	37.985	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	205612	38.226	nq	93
68) Hexachlorobenzene	11.02	284	219841	36.953	nq	# 91
69) Atrazine	11.10	200	189217	38.015	nq	98
70) Pentachlorophenol	11.21	266	270684	77.985	nq	99
71) Phenanthrene	11.43	178	1062407	38.012	nq	99
72) Anthracene	11.48	178	1073461	38.222	nq	100
73) Carbazole	11.63	167	951620	37.748	nq	100
74) Di-n-butylphthalate	11.96	149	1182355	37.849	nq	100
75) Fluoranthene	12.61	202	1082741	37.471	nq	98
77) Benzidine	12.73	184	374241	26.310	nq	98
78) Pyrene	12.84	202	1102476	38.994	nq	99
80) Butylbenzylphthalate	13.46	149	491931	40.288	nq	99
81) Benzo(a)anthracene	14.03	228	859407	37.532	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	271178	33.233	nq	98
83) Chrysene	14.06	228	867343	37.372	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	662981	40.719	nq	99
85) Di-n-octyl phthalate	14.63	149	1073051	38.820	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	668503	33.626	nq	98
88) Benzo(b)fluoranthene	15.07	252	821894	45.010	nq	98
89) Benzo(k)fluoranthene	15.10	252	697735	42.178	nq	99
90) Benzo(a)pyrene	15.44	252	698991	43.312	nq	97
91) Dibenzo(a,h)anthracene	16.99	278	565986	42.680	nq	98
92) Benzo(g,h,i)perylene	17.42	276	551477	43.621	nq	97

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



#1

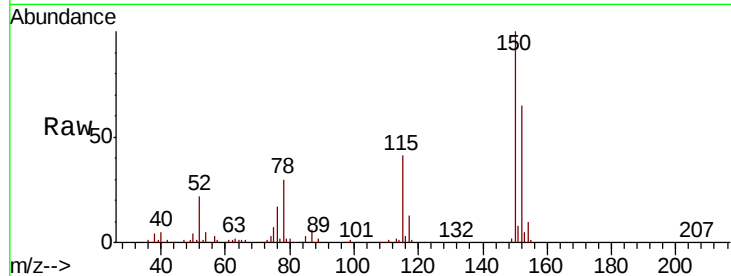
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.7	190.1
115	63.3	50.9	76.3

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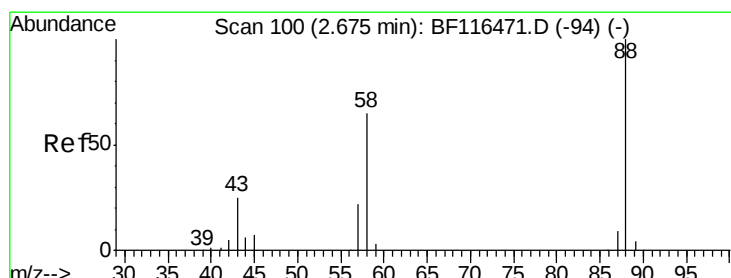
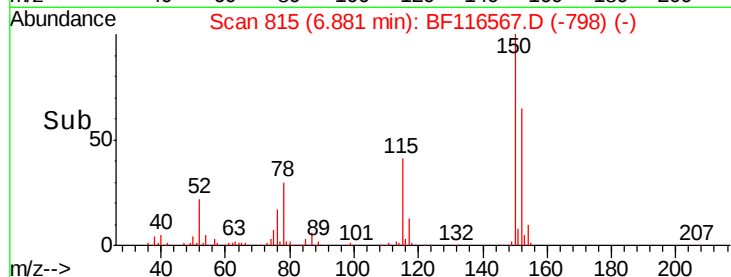
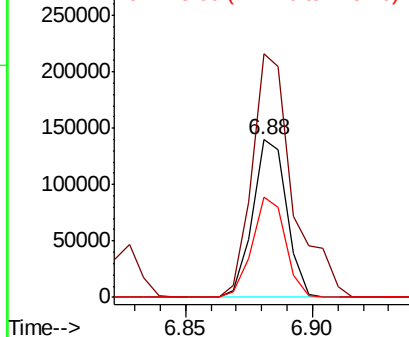


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

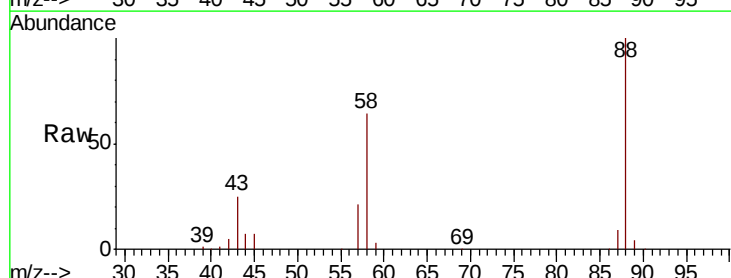
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.291 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.12 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	53.4	80.0
43	26.7	21.2	31.8

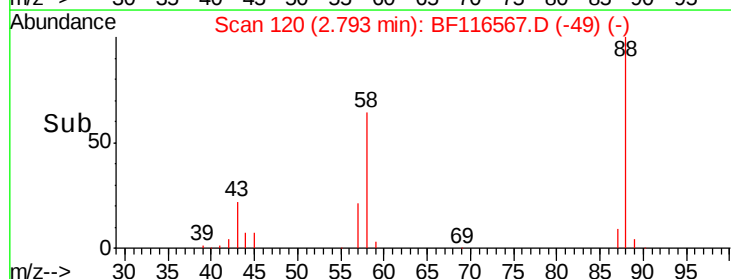
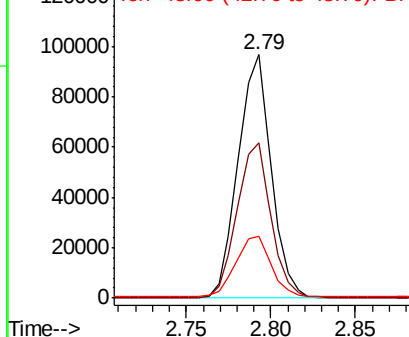


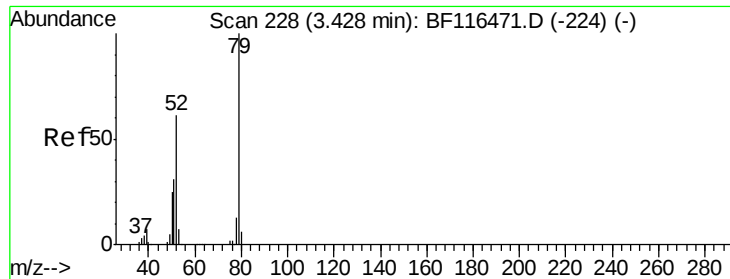
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.262 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.10 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

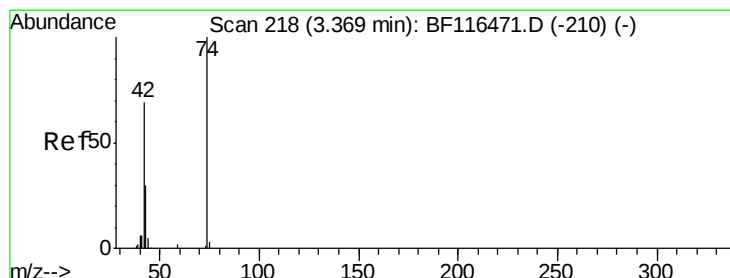
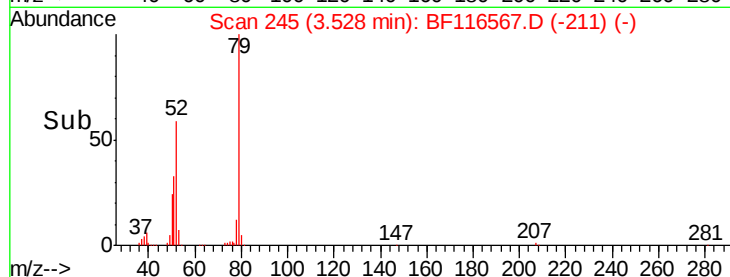
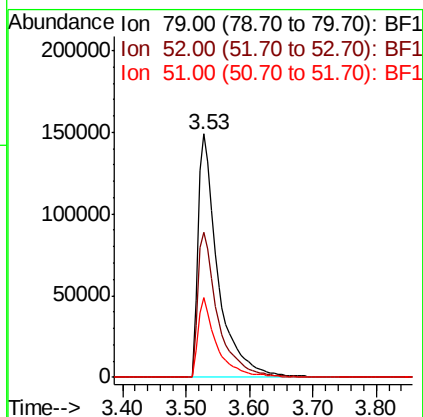
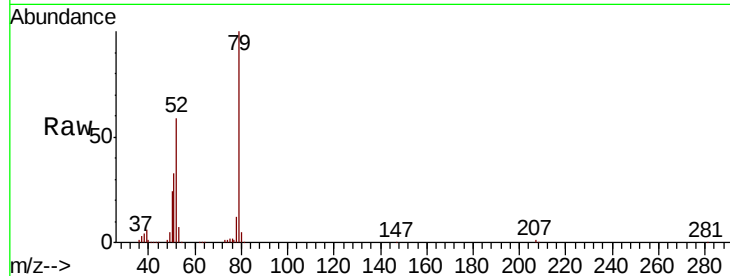
ClientSampleId :

PB122528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		320690		
52	59.4	48.8	73.2		
51	32.7	25.2	37.8		

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#4

n-Nitrosodimethylamine

Concen: 35.014 ng

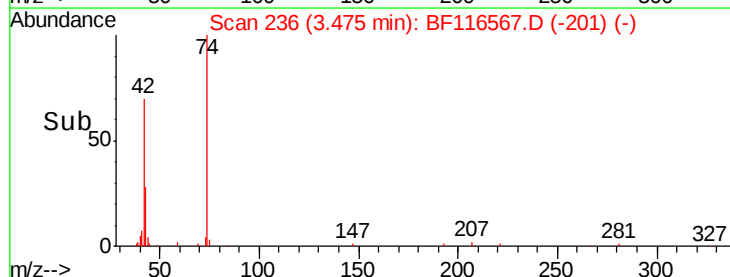
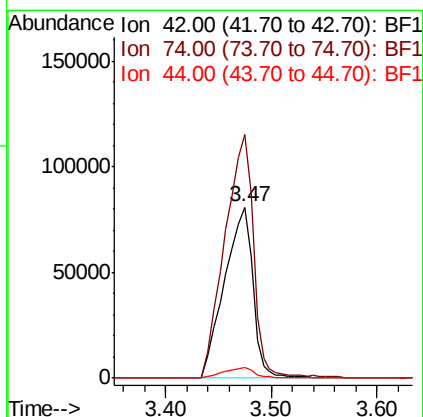
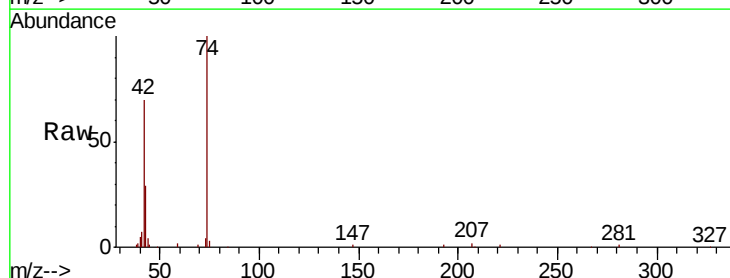
RT: 3.47 min Scan# 236

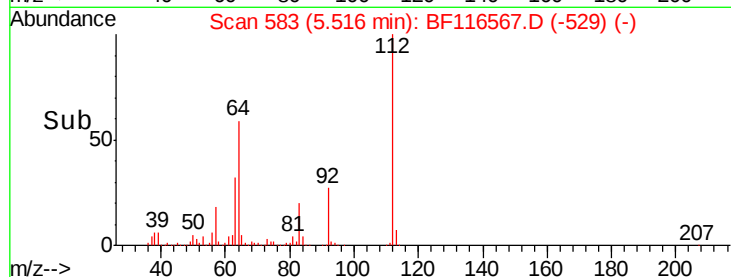
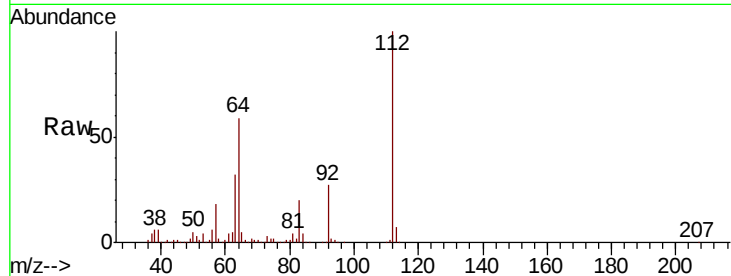
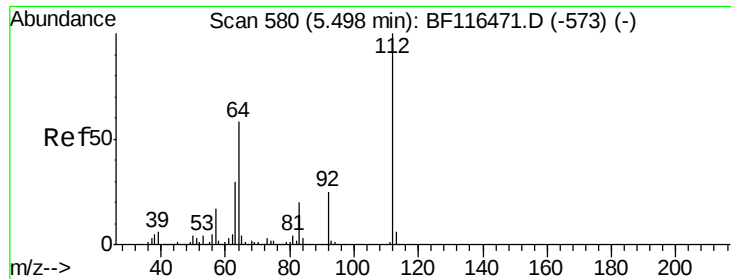
Delta R.T. 0.11 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		150356		
74	142.4	115.3	172.9		
44	6.0	5.8	8.8		





#5

2-Fluorophenol

Concen: 89.684 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tot Ion:	112	Resp:	800107
Ion Ratio	Lower	Upper	
112	100		
64	59.5	46.3	69.5
63	31.7	24.2	36.4

Instrument :

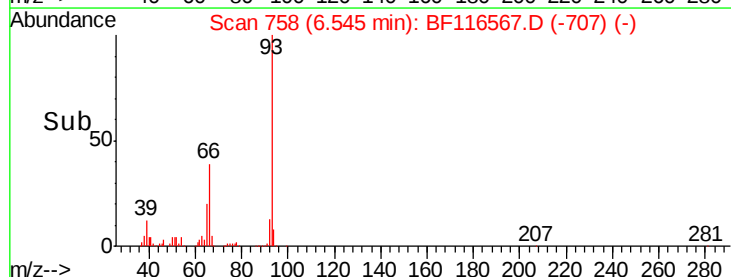
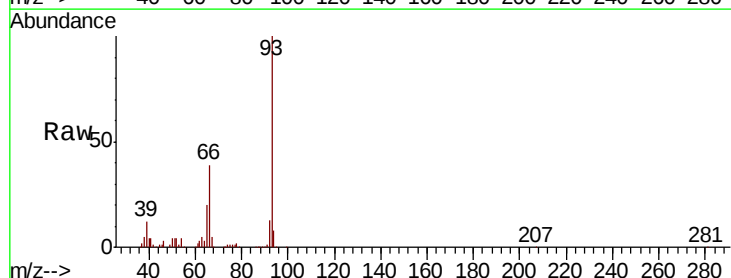
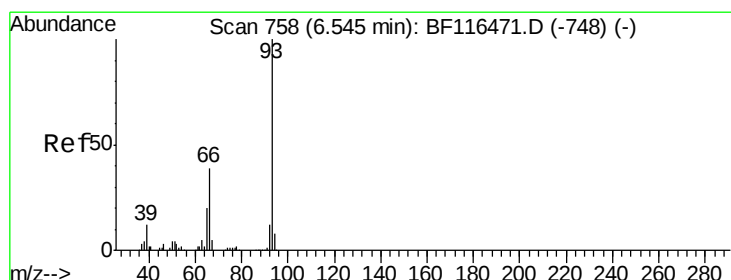
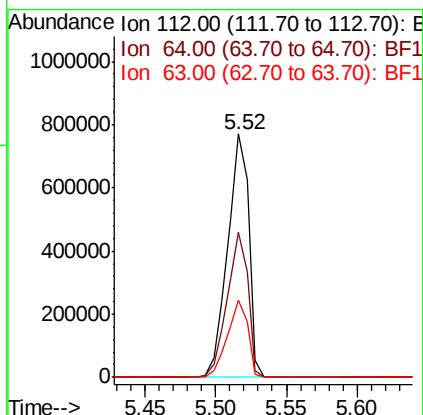
BNA_F

ClientSampled :

PB122528BS

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#6

Aniline

Concen: 26.600 ng

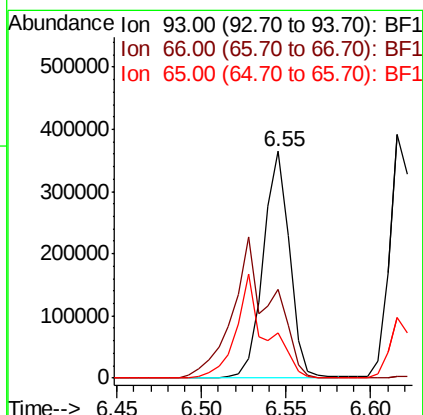
RT: 6.55 min Scan# 758

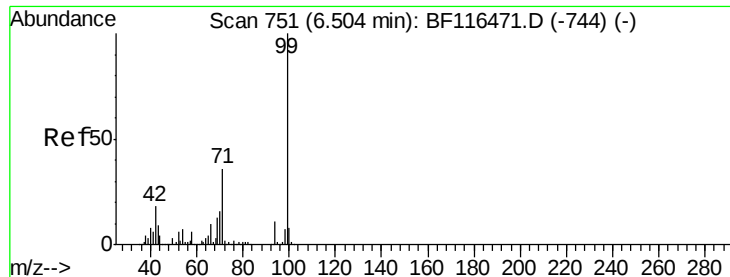
Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	93	Resp:	393931
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	20.2	16.3	24.5





#7

Phenol-d6

Concen: 92.530 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampled :

PB122528BS

Tot Ion: 99 Resp: 1012180

Ion Ratio Lower Upper

99 100

42 17.8 14.6 21.8

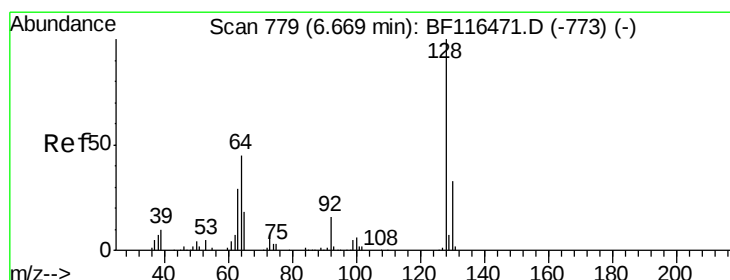
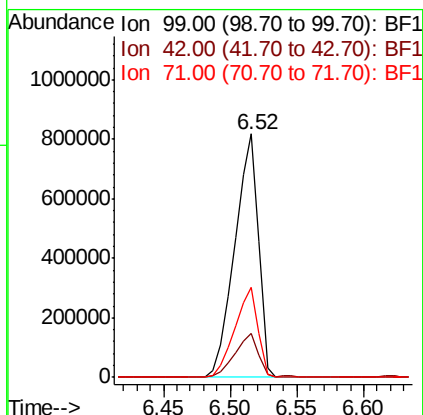
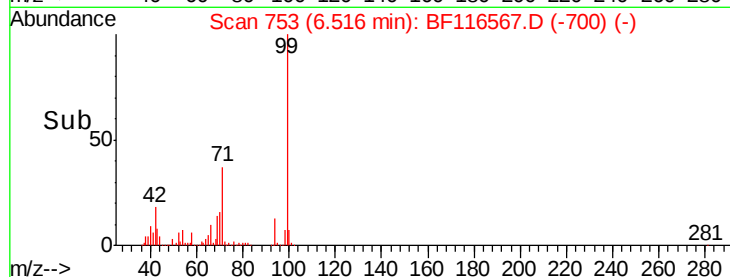
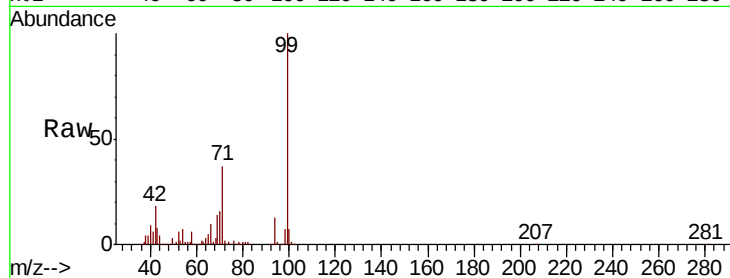
71 37.0 28.5 42.7

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#8

2-Chlorophenol

Concen: 38.071 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

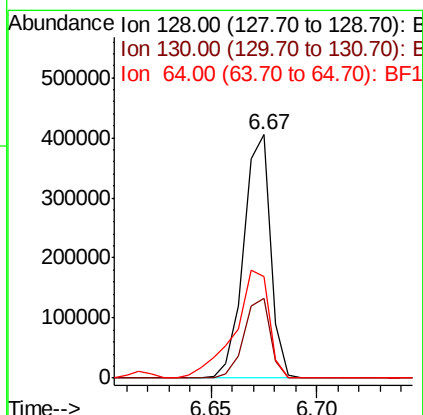
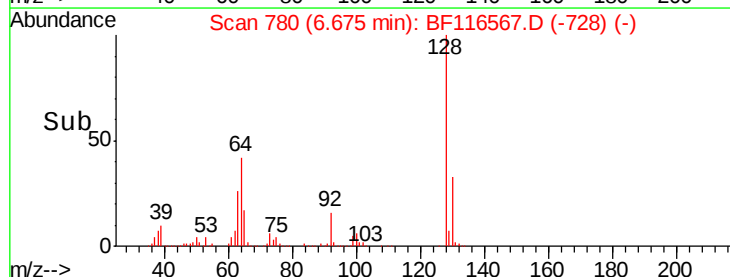
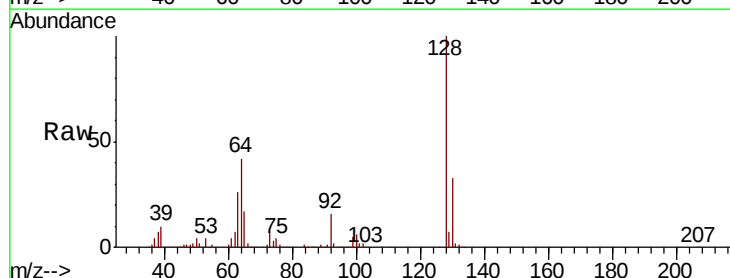
Tgt Ion: 128 Resp: 356427

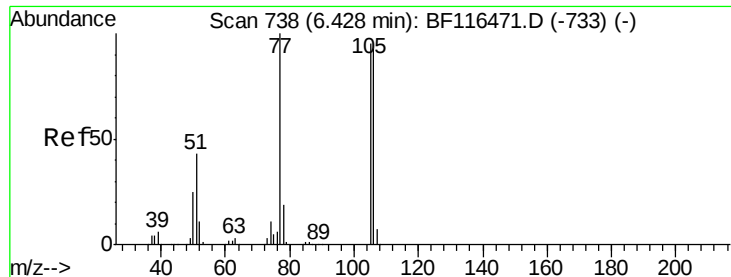
Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

64 41.8 26.3 66.3





#9

Benzaldehyde

Concen: 35.258 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

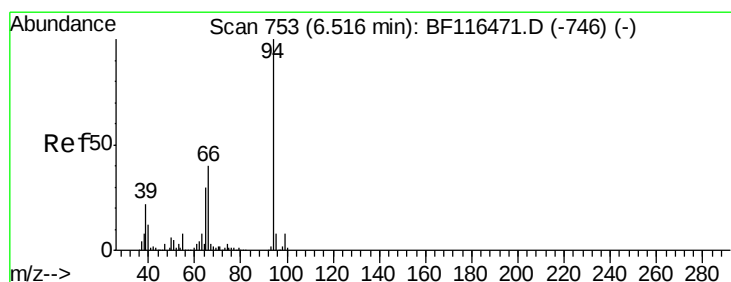
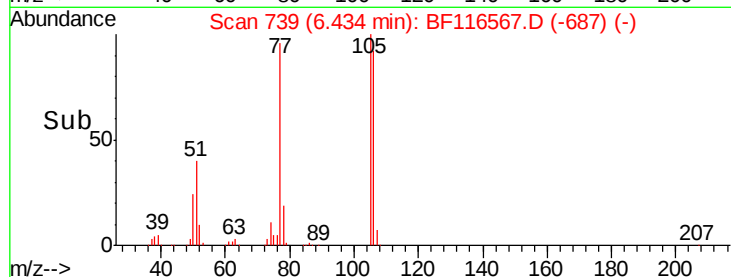
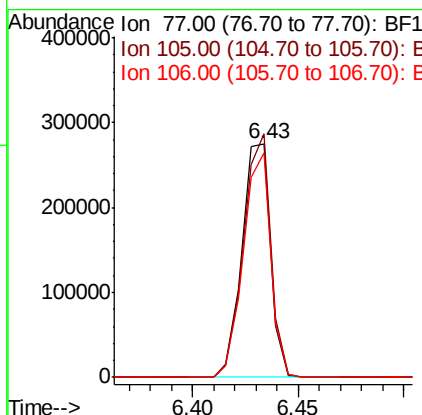
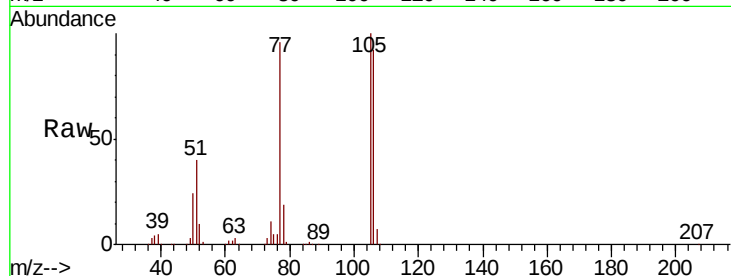
ClientSampleId :

PB122528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.3	75.5	115.5		
106	96.3	73.2	113.2		

Manual Integrations
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#10

Phenol

Concen: 37.824 ng

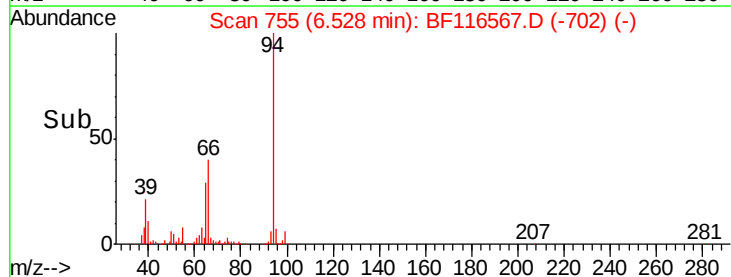
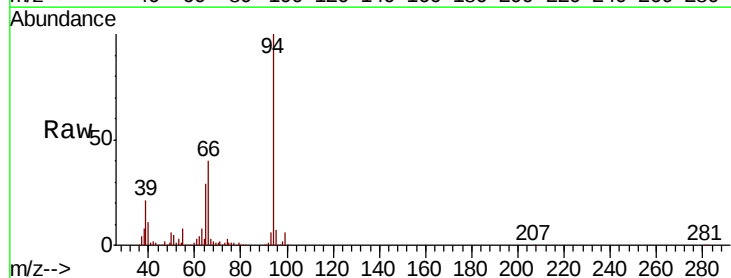
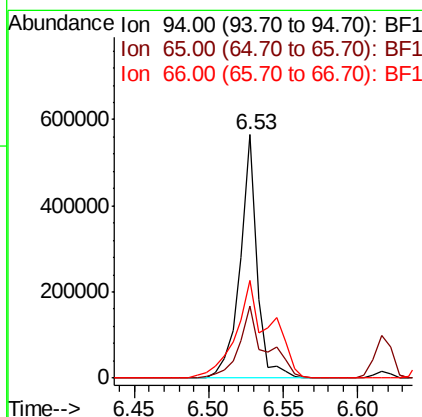
RT: 6.53 min Scan# 755

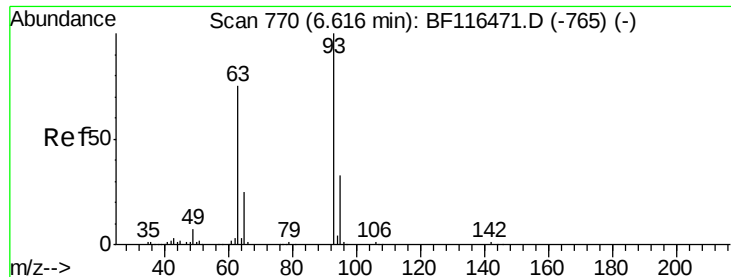
Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.4	10.0	50.0		
66	40.2	19.8	59.8		





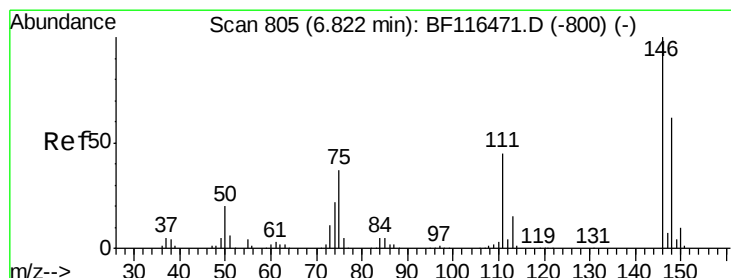
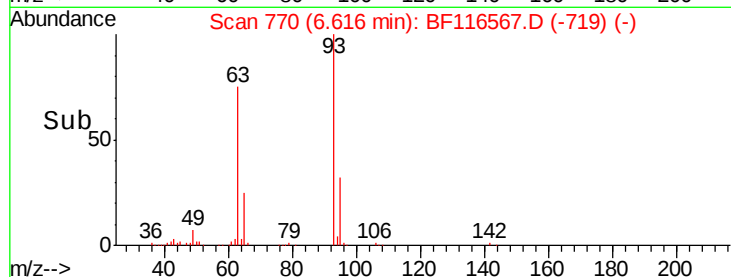
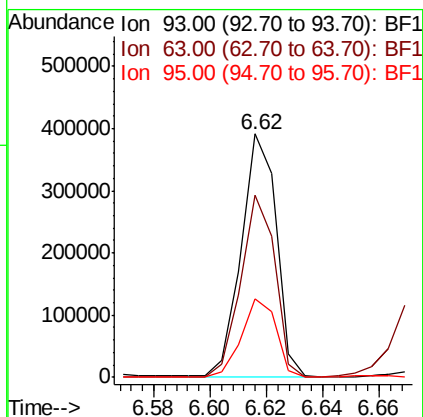
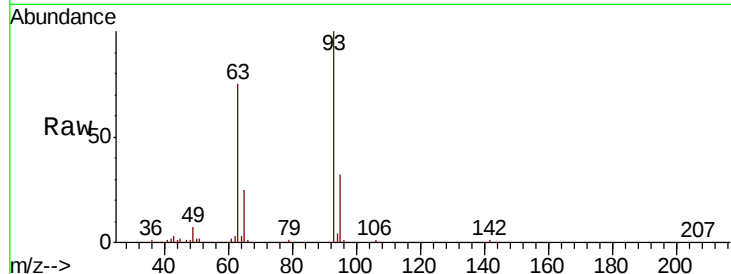
#11
bis(2-Chloroethyl)ether
Concen: 37.169 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion:	93	Resp:	336180
Ion Ratio	Lower	Upper	
93	100		
63	74.6	54.3	94.3
95	32.2	13.3	53.3

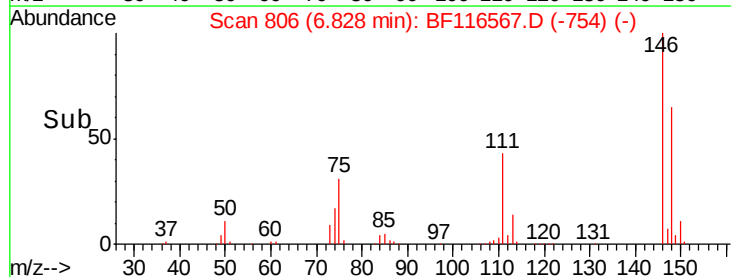
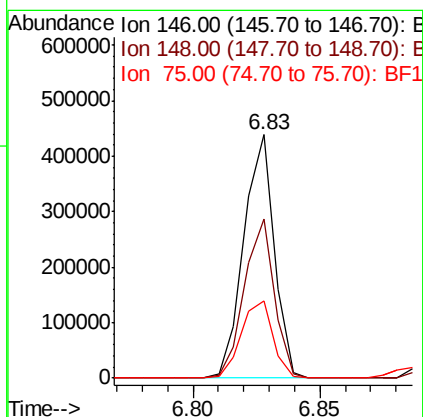
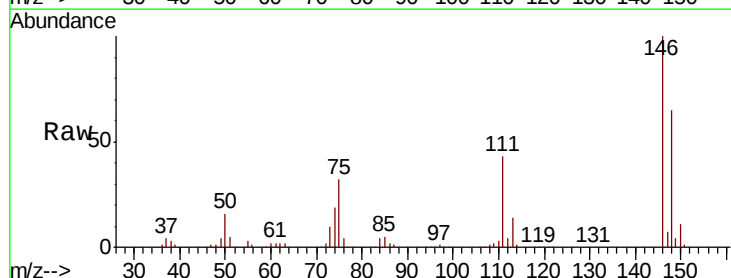
Manual Integrations
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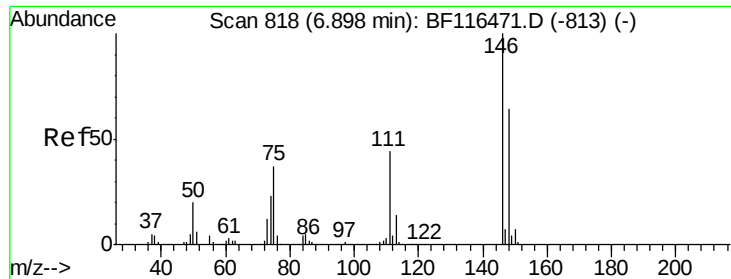
Jagrut
8/27/2019 10:30:21 AM



#12
1,3-Dichlorobenzene
Concen: 36.133 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	146	Resp:	366148
Ion Ratio	Lower	Upper	
146	100		
148	65.3	49.8	74.8
75	31.6	29.3	43.9





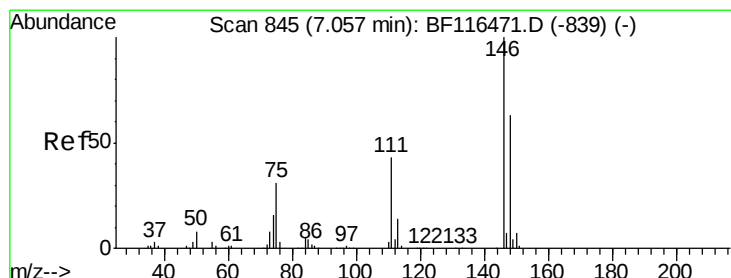
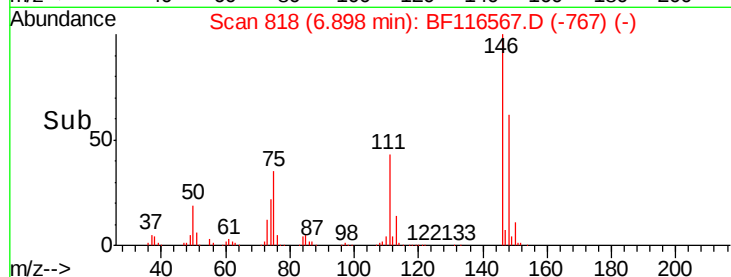
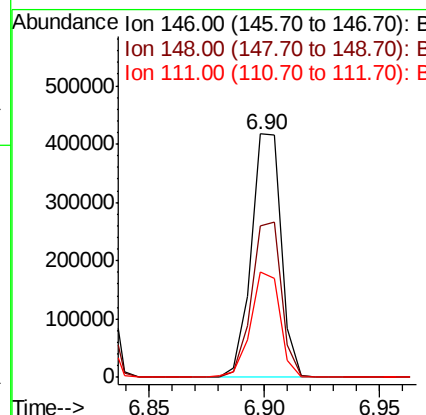
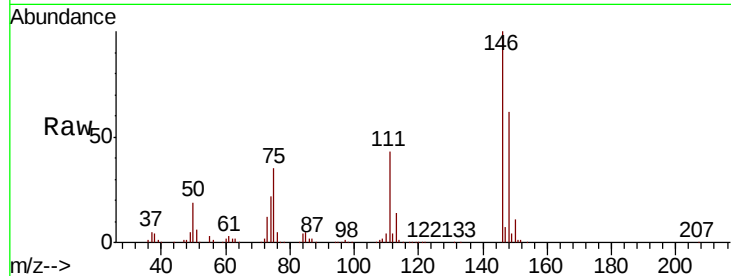
#13
 1,4-Dichlorobenzene
 Concen: 39.016 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB122528BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.4
111	43.3	35.4	53.2

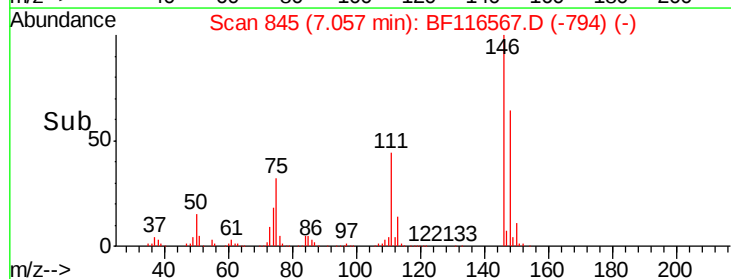
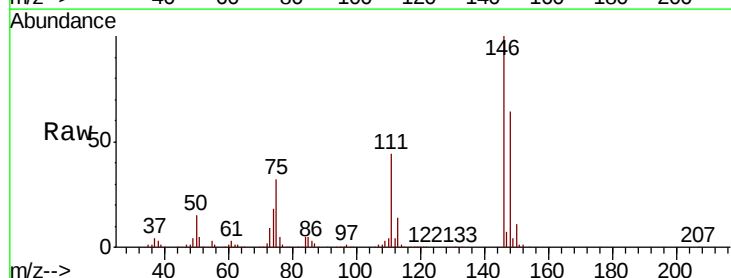
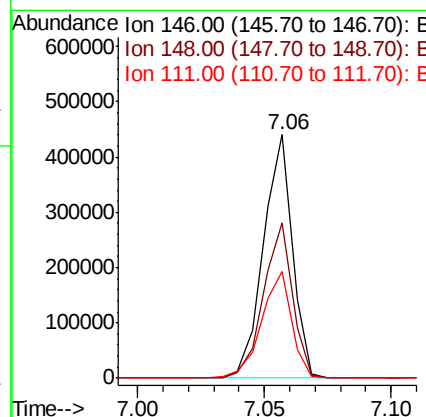
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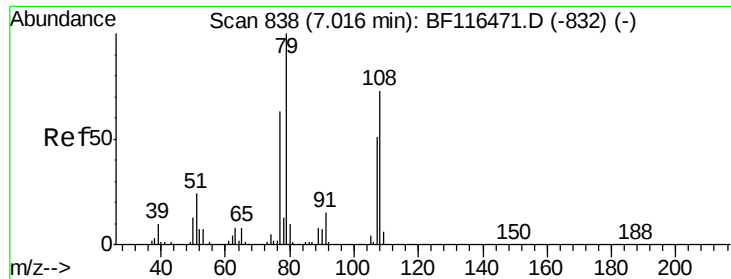
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#14
 1,2-Dichlorobenzene
 Concen: 38.364 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 36.740 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

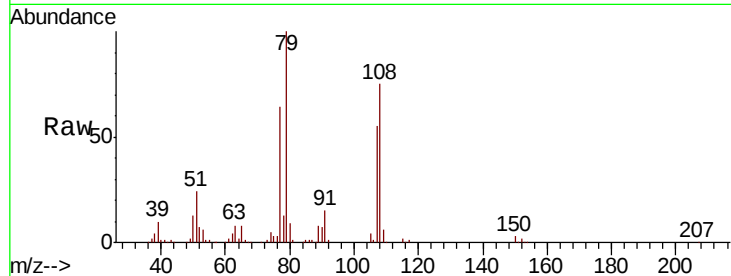
ClientSampleId :

PB122528BS

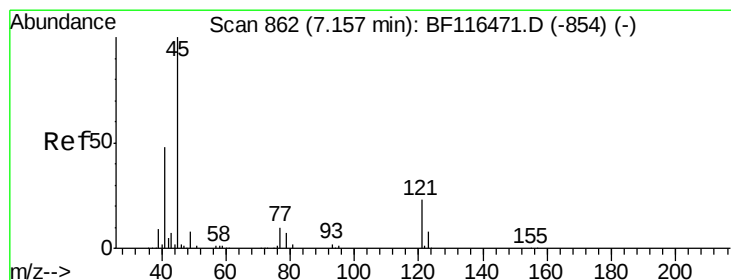
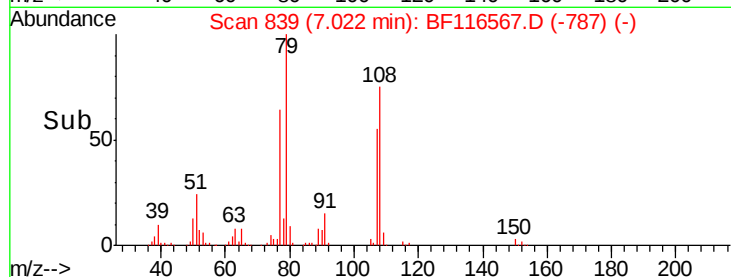
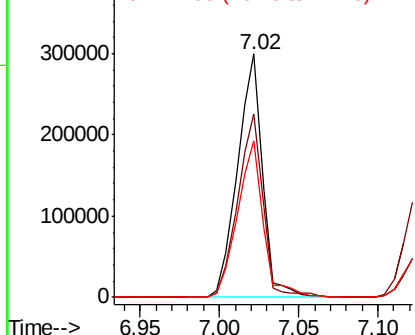
Tot Ion:	79	Resp:	325246
Ion Ratio	Lower	Upper	
79	100		
108	75.3	58.1	87.1
77	64.1	50.6	76.0

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.446 ng

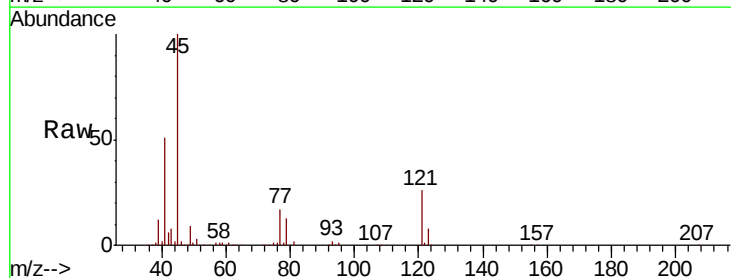
RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

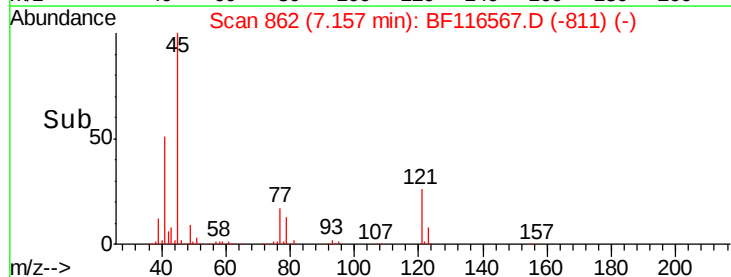
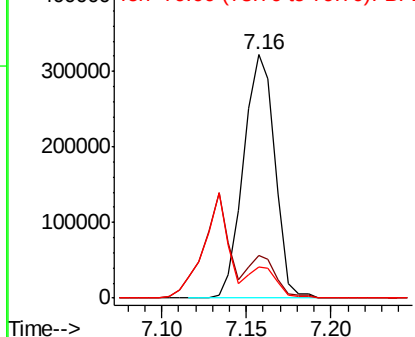
Lab File: BF116567.D

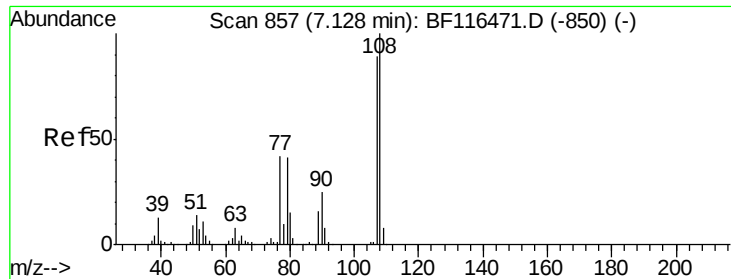
Acq: 26 Aug 2019 11:51

Tgt Ion:	45	Resp:	418255
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	36.1
79	12.8	0.0	32.3



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





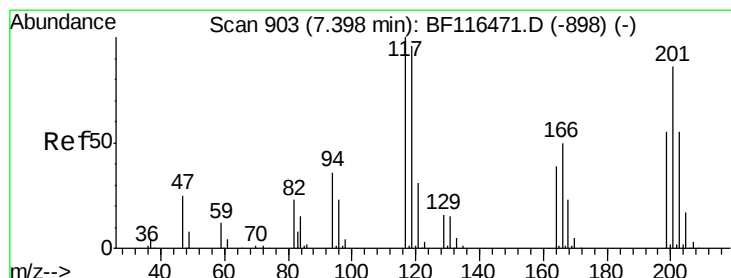
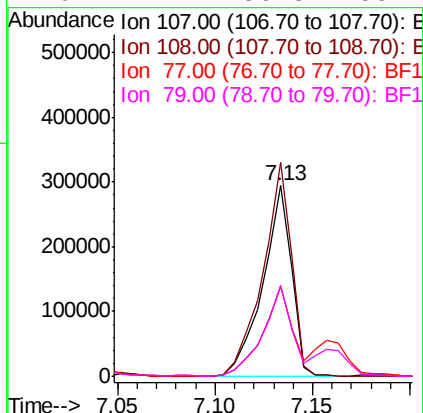
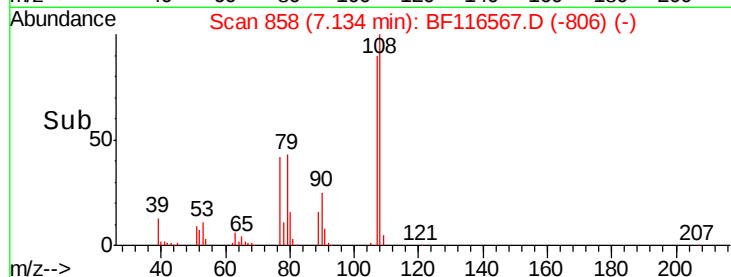
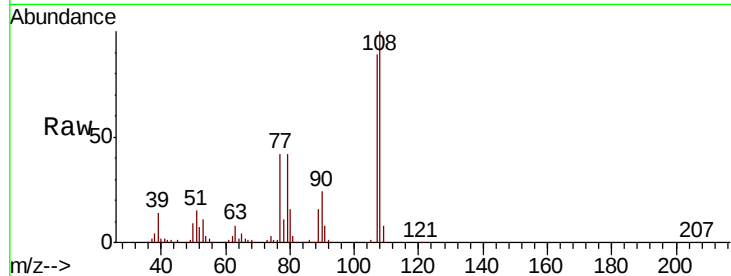
#17
2-Methylphenol
Concen: 38.553 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	299054		
108	112.0	90.0	135.0	
77	47.2	37.6	56.4	
79	47.4	36.8	55.2	

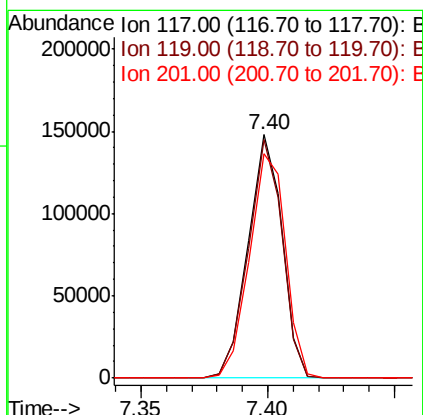
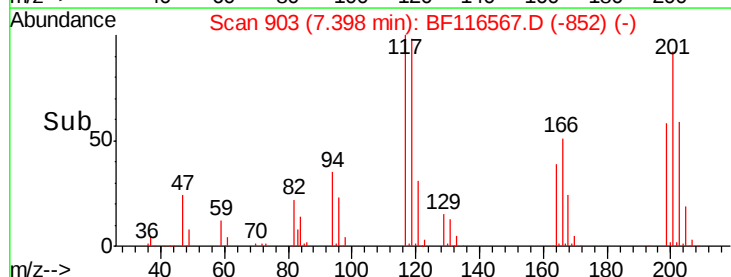
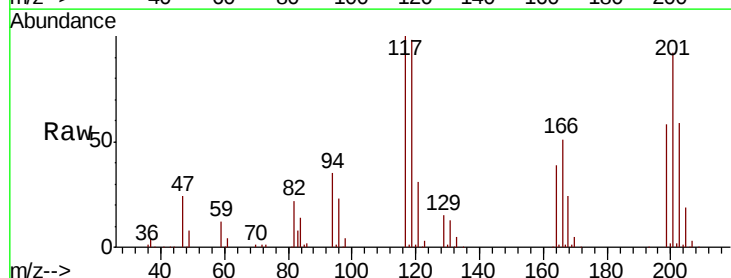
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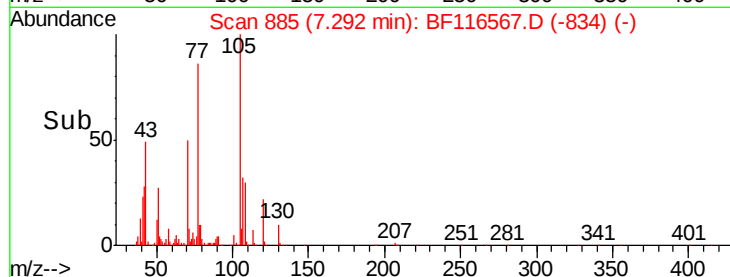
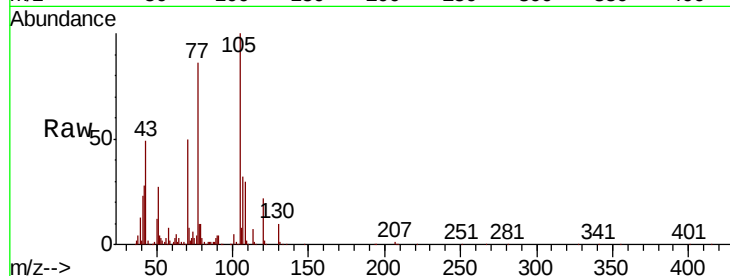
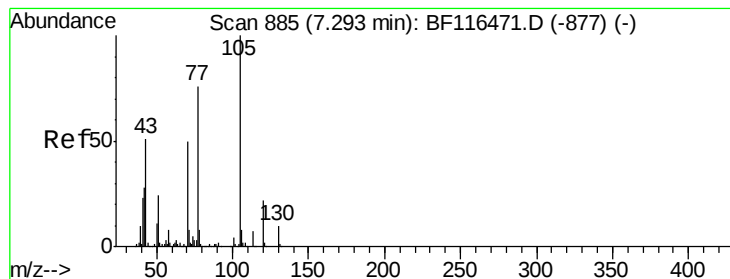
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#18
Hexachloroethane
Concen: 36.515 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138890		
119	98.0	77.0	115.6	
201	92.4	69.1	103.7	





#19

n-Nitroso-di-n-propylamine

Concen: 34.323 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

ClientSampleId :

PB122528BS

Tot Ion: 70 Resp: 256199

Ion Ratio Lower Upper

70 100

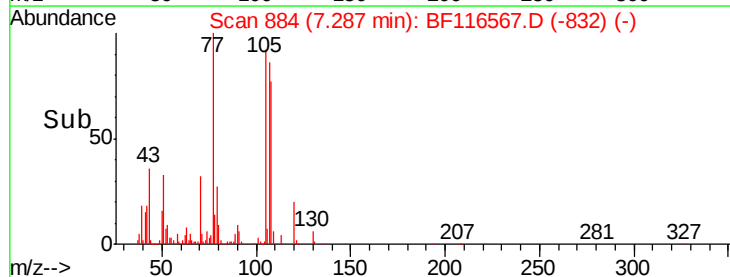
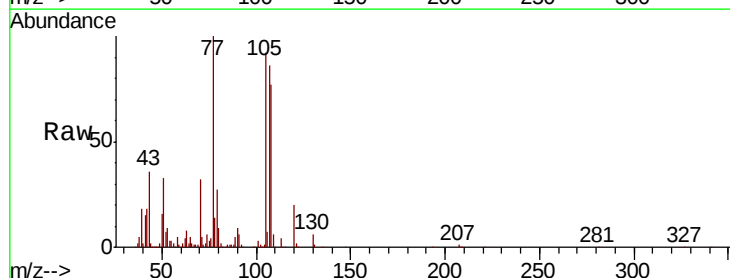
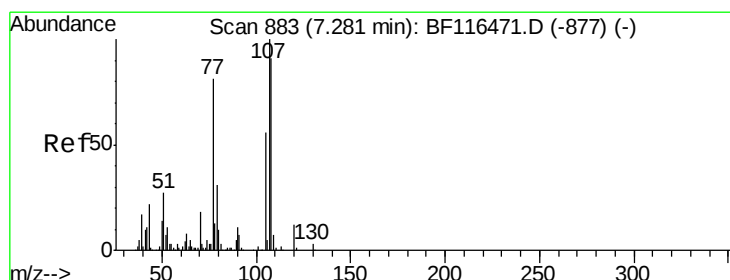
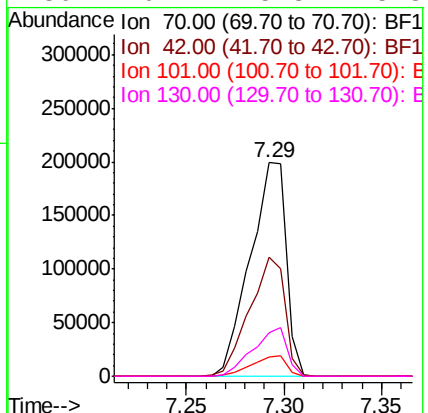
42 55.7 44.4 66.6

101 9.1 7.1 10.7

130 20.1 15.8 23.8

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#20

3+4-Methylphenols

Concen: 39.200 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion: 107 Resp: 372484

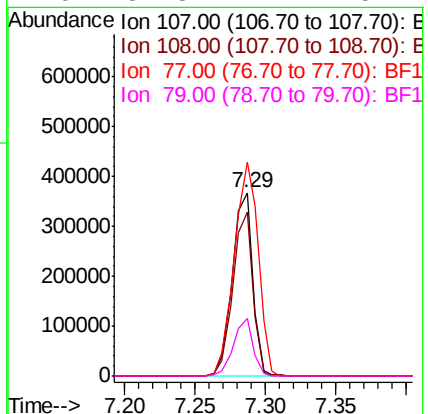
Ion Ratio Lower Upper

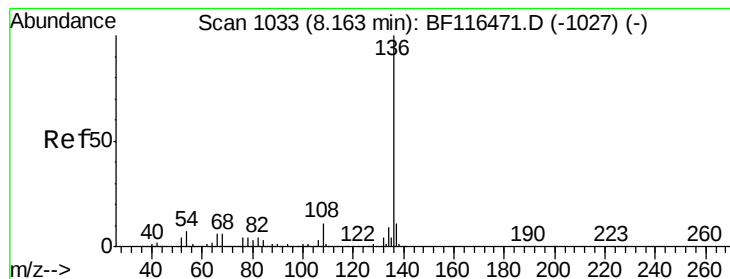
107 100

108 89.2 70.7 110.7

77 116.4 60.6 100.6#

79 31.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

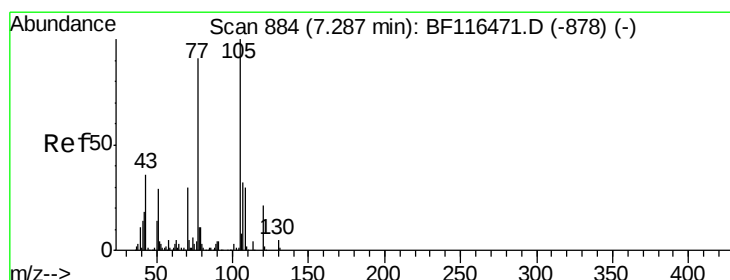
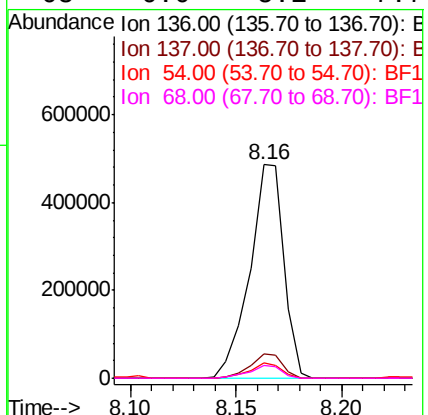
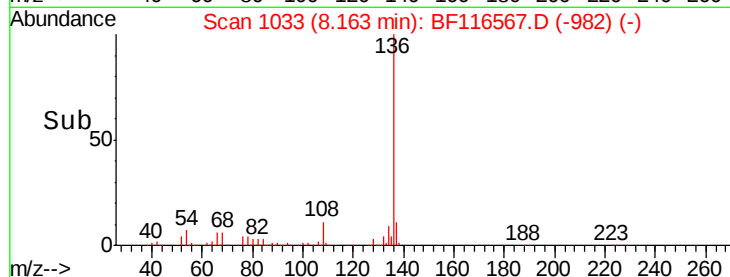
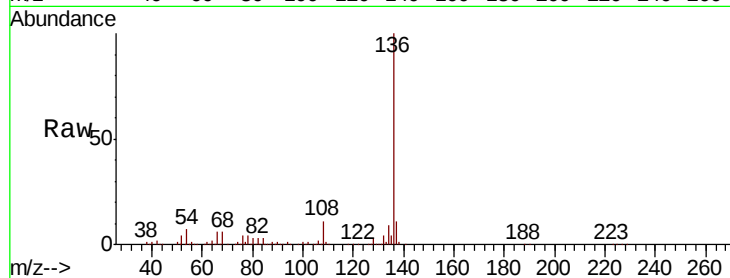
ClientSampleId :

PB122528BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.1	7.7

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#22

Acetophenone

Concen: 36.446 ng

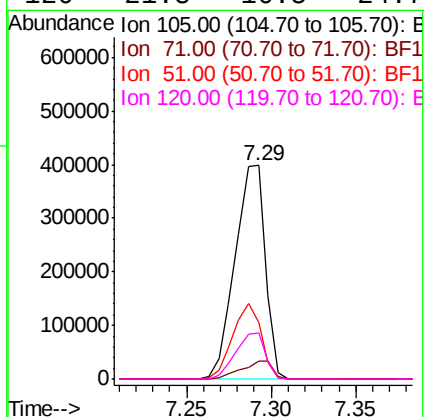
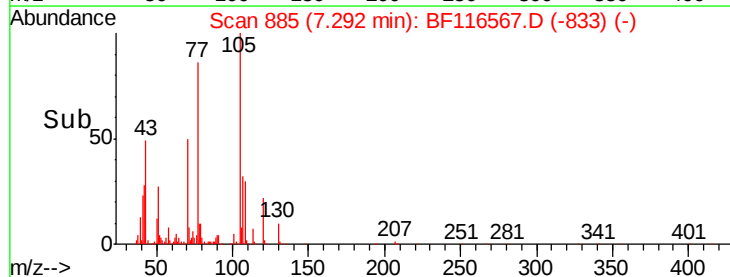
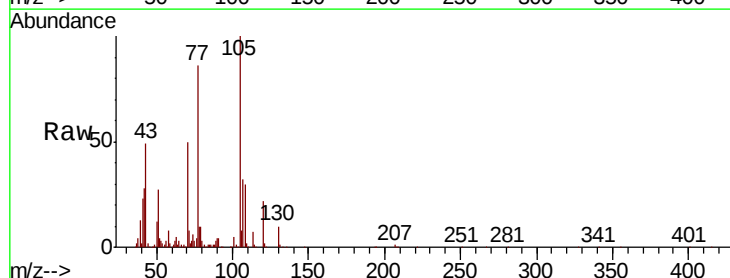
RT: 7.29 min Scan# 885

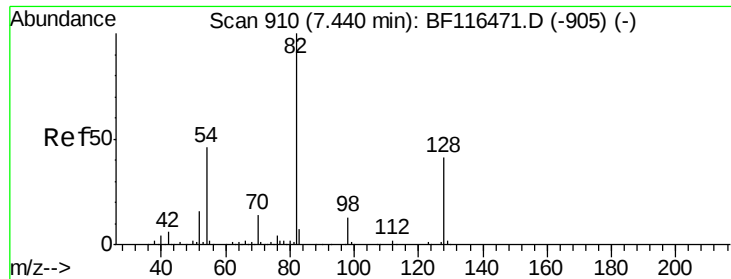
Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.5	4.2	6.2#
51	26.7	23.0	34.4
120	21.8	16.5	24.7





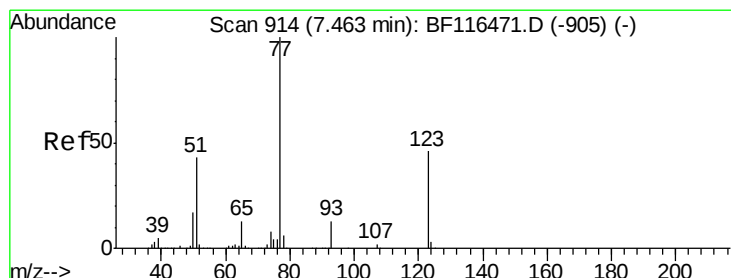
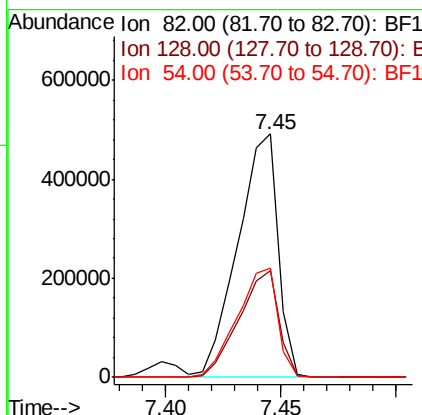
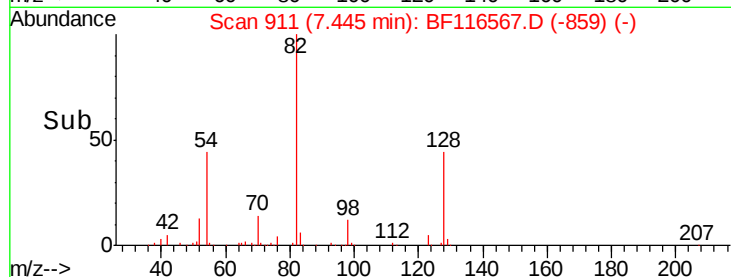
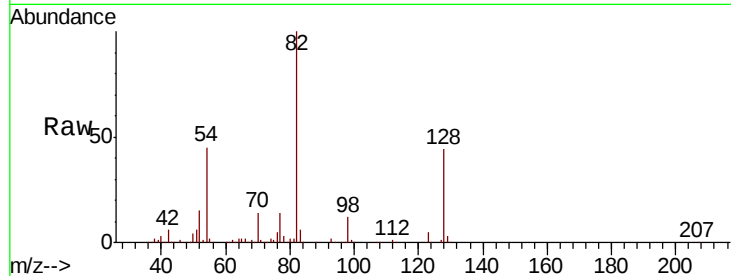
#23
 Nitrobenzene-d5
 Concen: 59.836 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.2	48.4
54	44.8	36.5	54.7

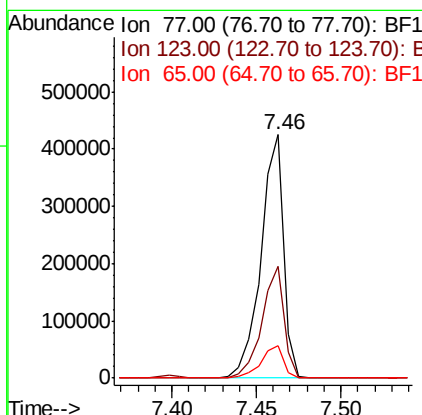
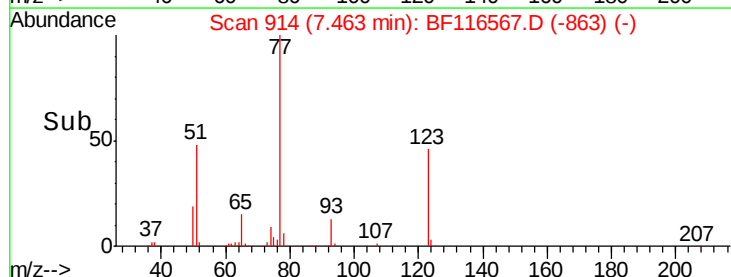
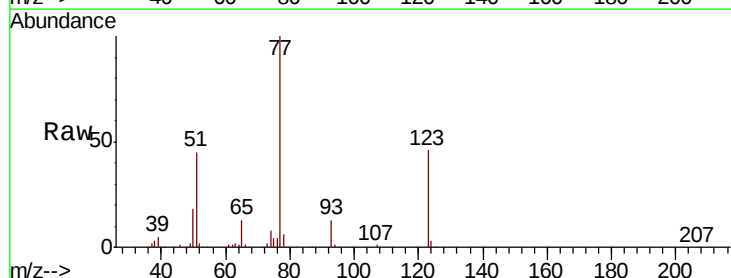
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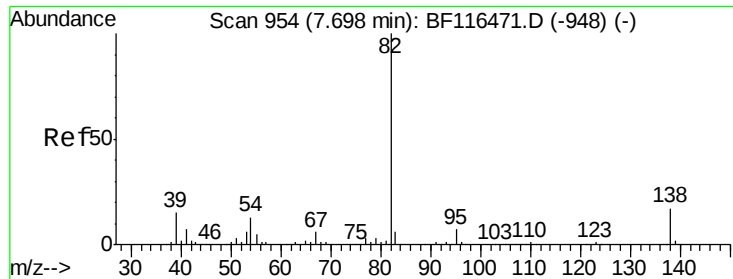
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#24
 Nitrobenzene
 Concen: 38.007 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.0	55.4
65	13.2	10.5	15.7





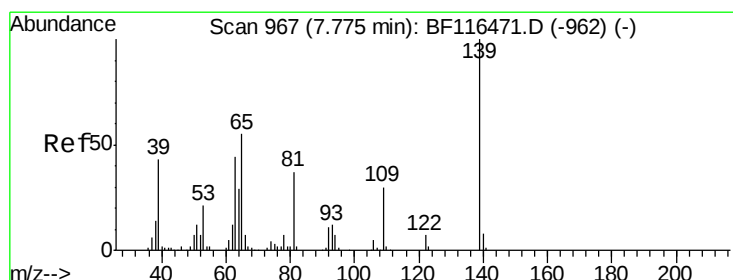
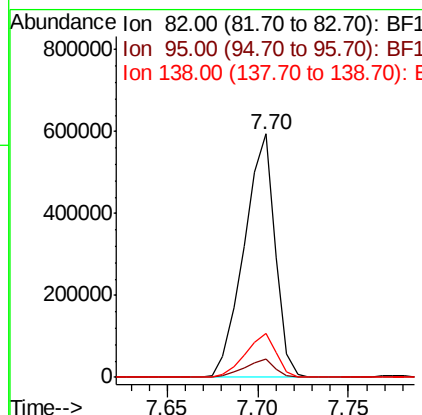
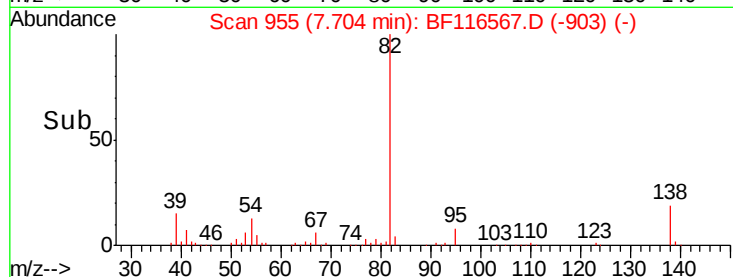
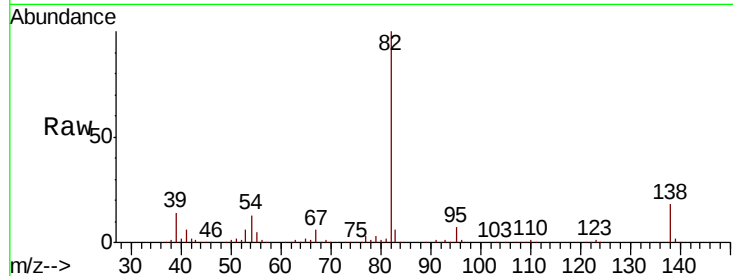
#25
Isophorone
Concen: 35.751 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion:	82	Resp:	705781
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	18.2	13.3	19.9

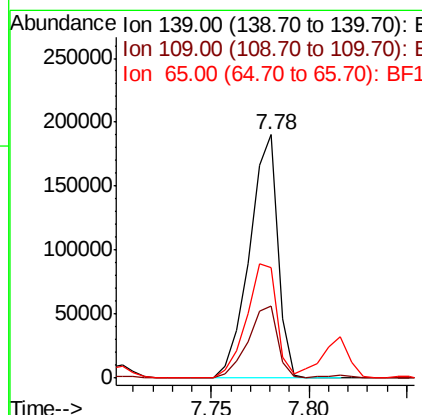
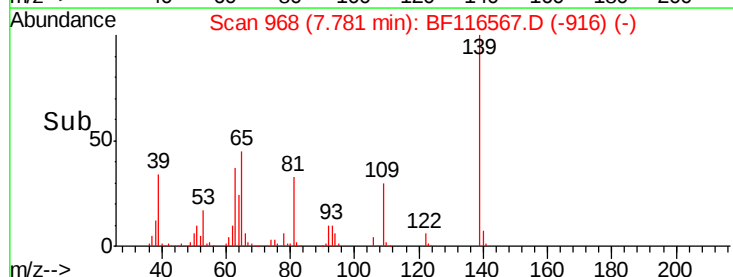
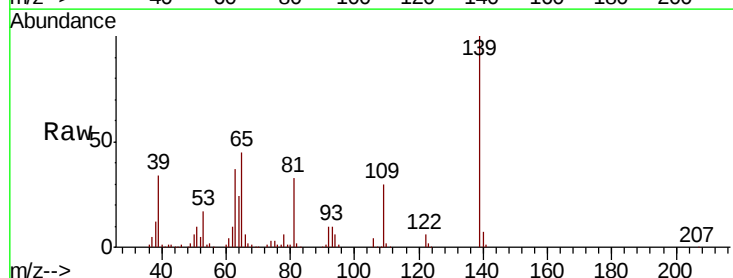
Manual Integrations
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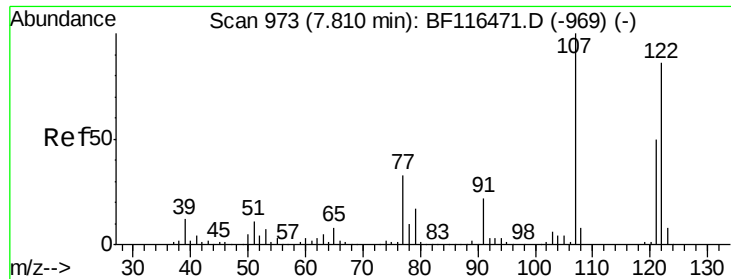
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#26
2-Nitrophenol
Concen: 50.512 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:	139	Resp:	191412
Ion Ratio	Lower	Upper	
139	100		
109	29.6	24.3	36.5
65	45.4	44.0	66.0





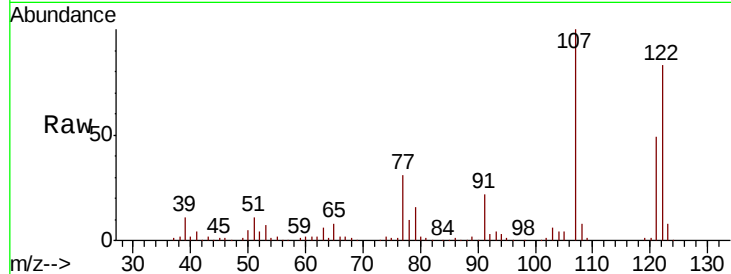
#27
 2,4-Dimethylphenol
 Concen: 41.540 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB122528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		328444		
107	120.7	92.4		138.6	
121	58.9	46.2		69.4	

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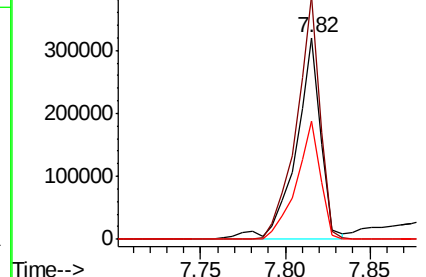
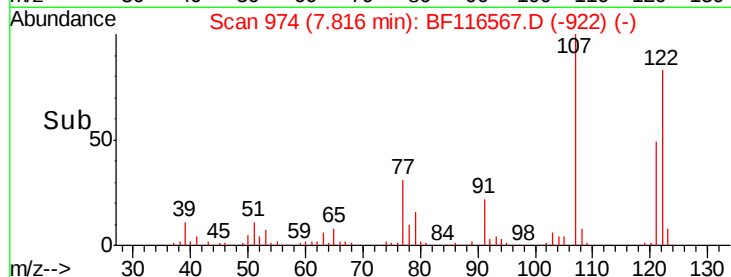
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.432 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		431971		
95	33.0	26.3		39.5	
123	11.9	9.8		14.6	

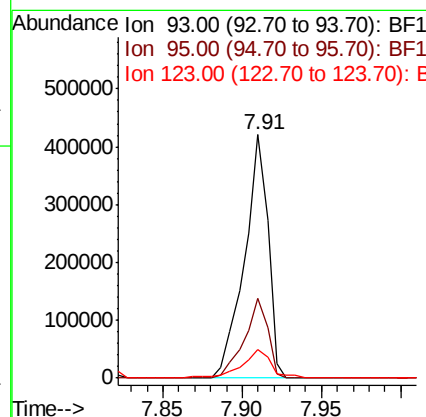
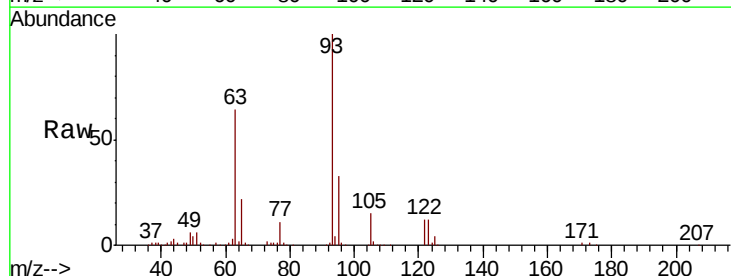
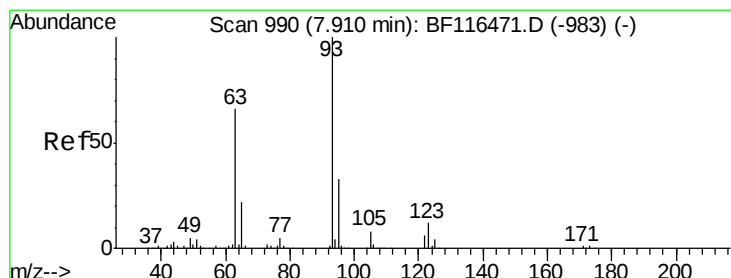
Abundance

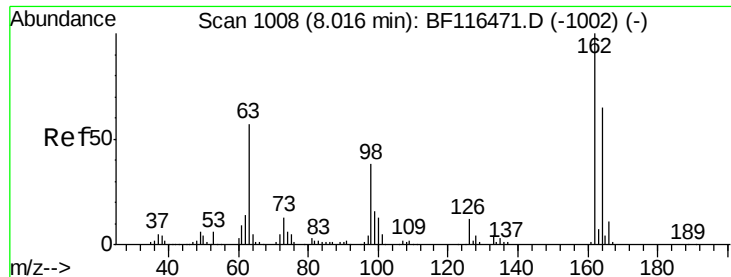
Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

Time-->





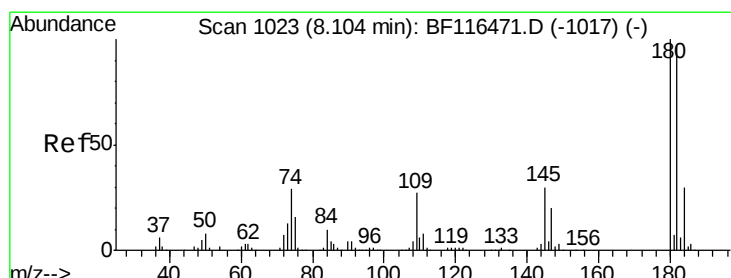
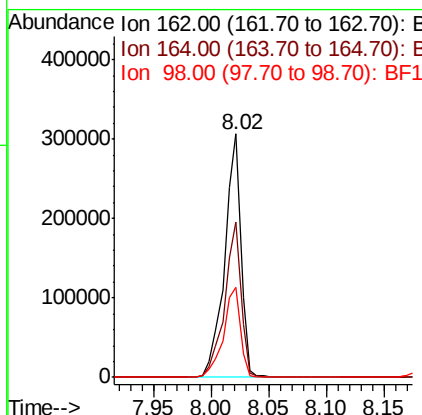
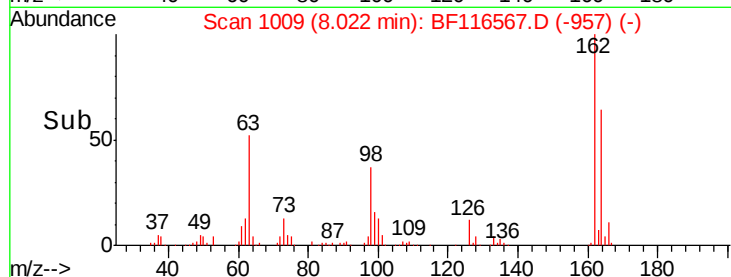
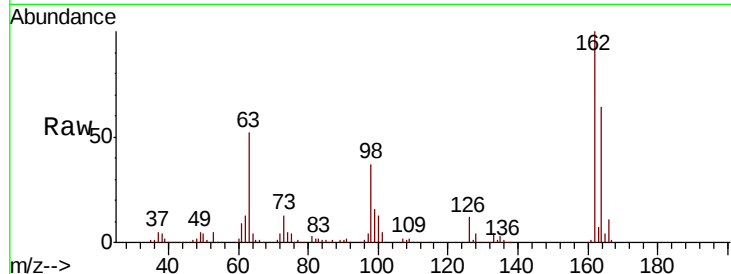
#29
 2,4-Dichlorophenol
 Concen: 40.060 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	301223		
164	63.7	44.9	84.9	
98	36.9	17.9	57.9	

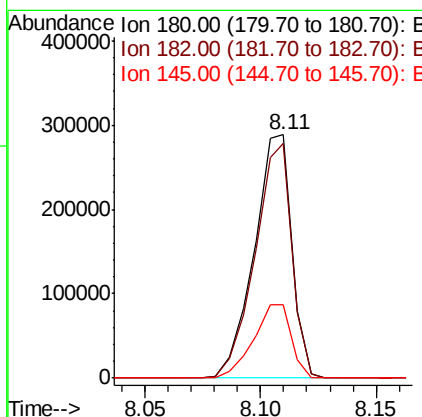
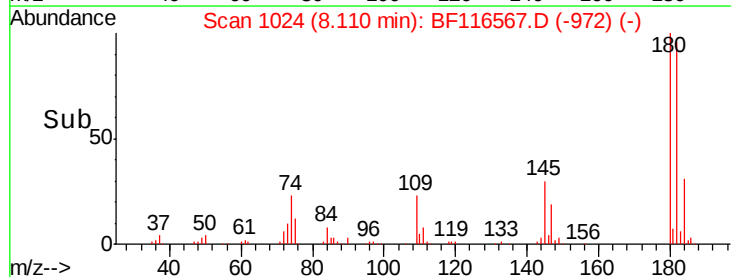
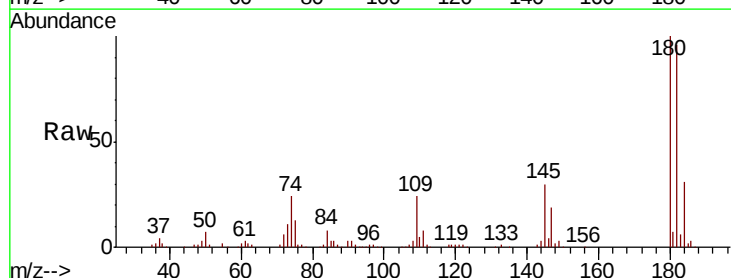
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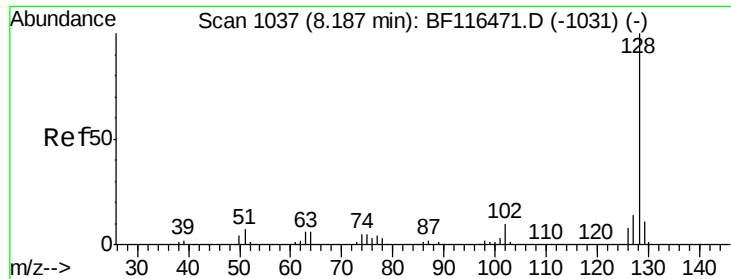
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.844 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	328822		
182	96.2	77.4	116.0	
145	30.1	24.3	36.5	





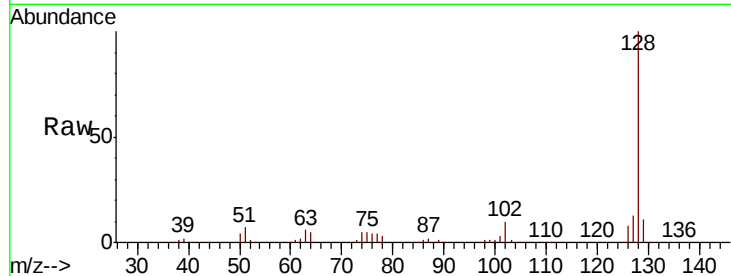
#31
Naphthalene
Concen: 39.127 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampled :
PB122528BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.2	10.9	16.3

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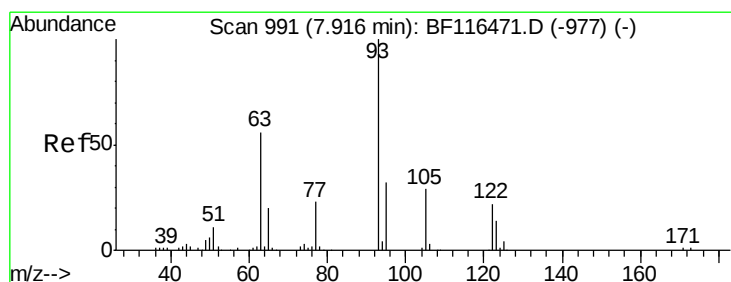
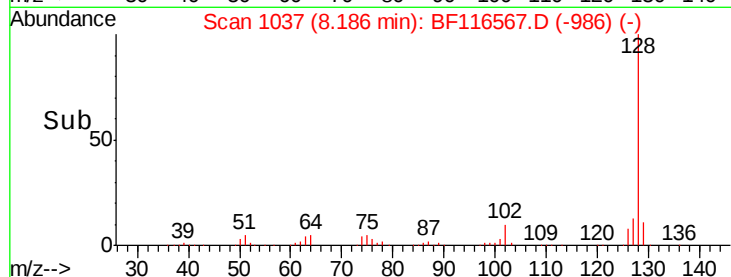
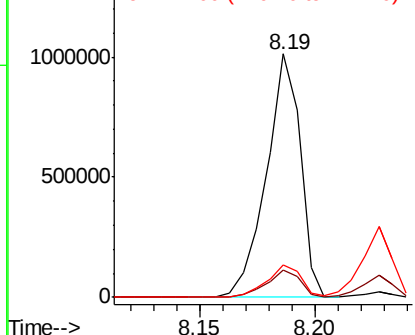


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.497 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

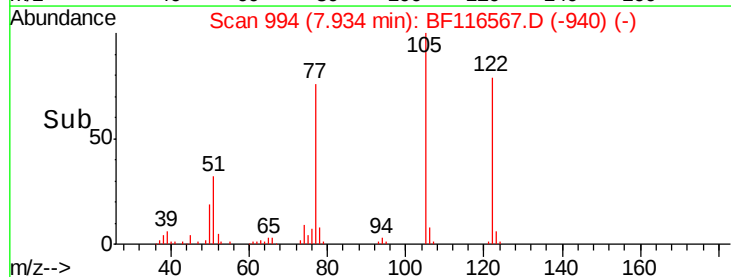
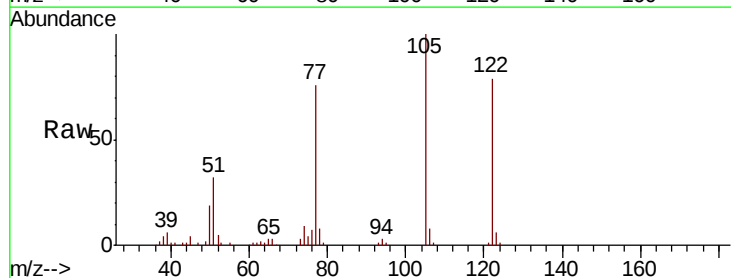
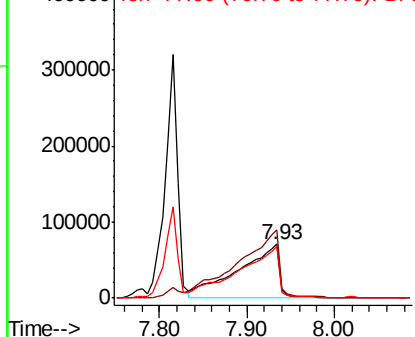
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	109.9	149.9
77	95.7	84.9	124.9

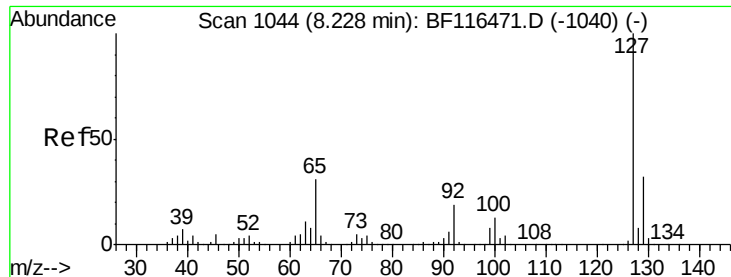
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





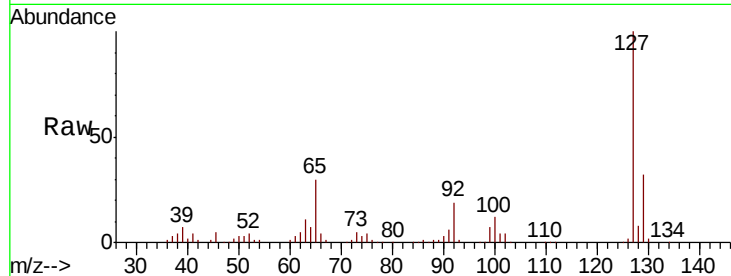
#33
4-Chloroaniline
Concen: 23.025 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		267994		
129	31.6	25.7	38.5		
65	30.3	25.0	37.6		
92	19.3	15.0	22.6		

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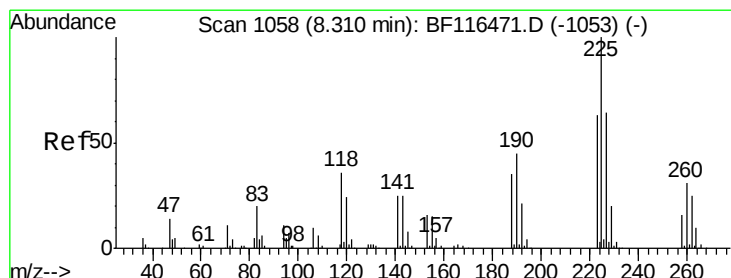
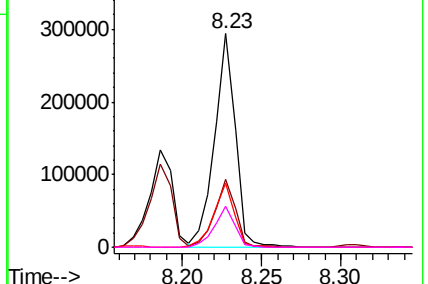
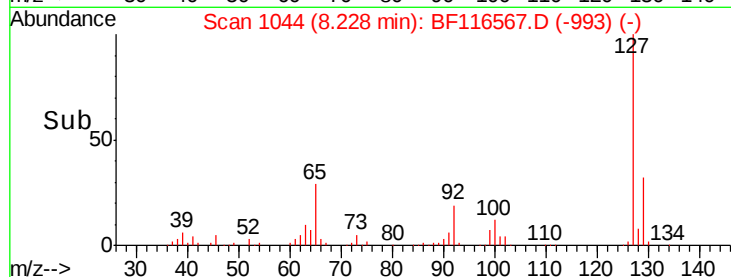
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

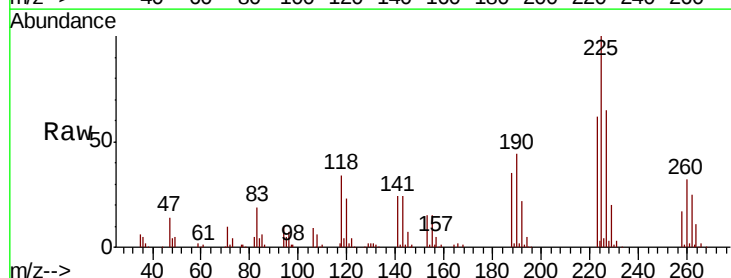
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.159 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		180783		
223	61.7	50.3	75.5		
227	64.6	51.0	76.4		

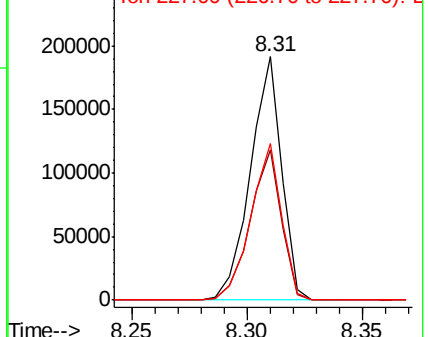
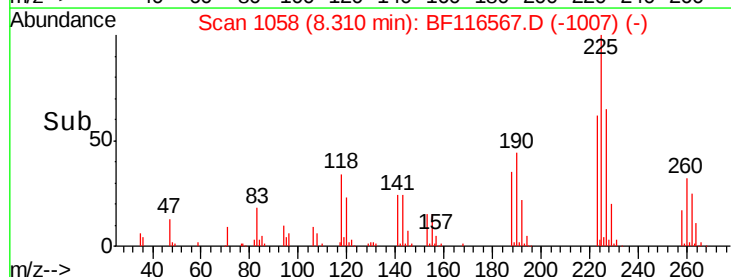


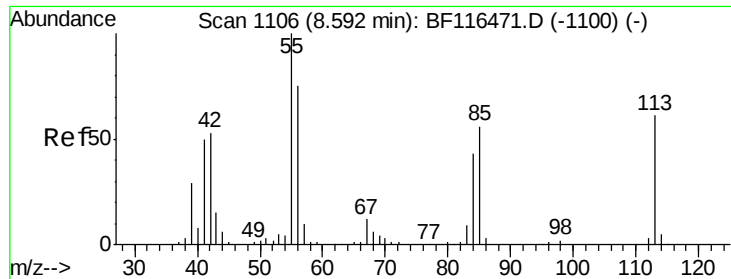
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.223 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

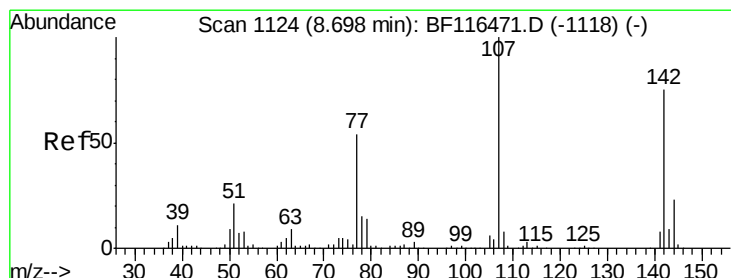
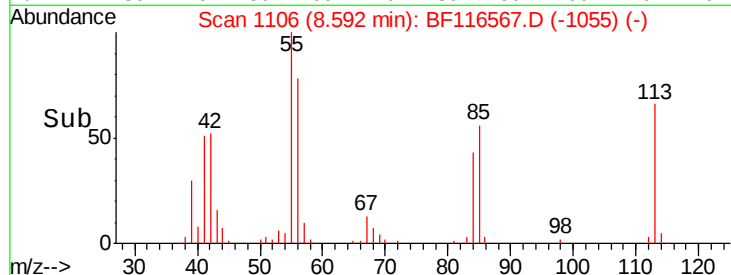
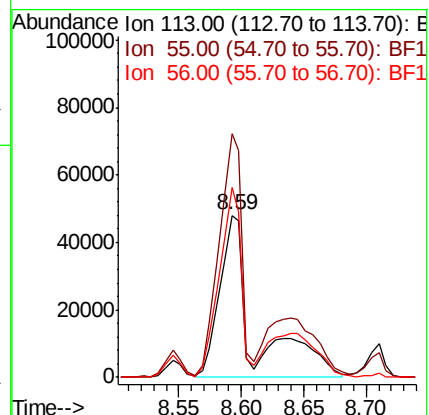
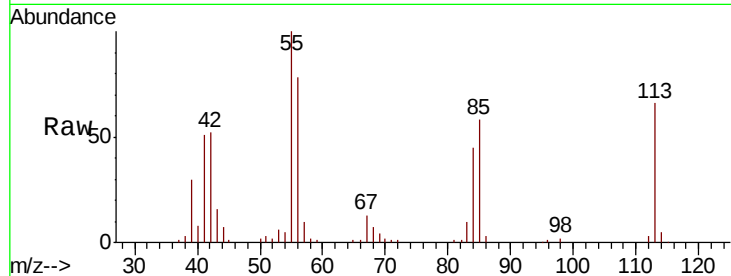
ClientSampleID :

PB122528BS

Tot Ion:	113	Resp:	92256
Ion	Ratio	Lower	Upper
113	100		
55	150.4	143.6	183.6
56	117.5	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 38.334 ng/ml

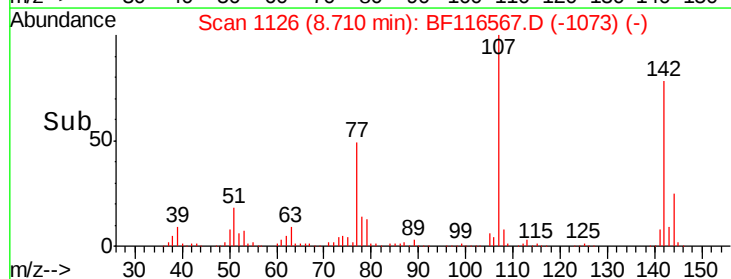
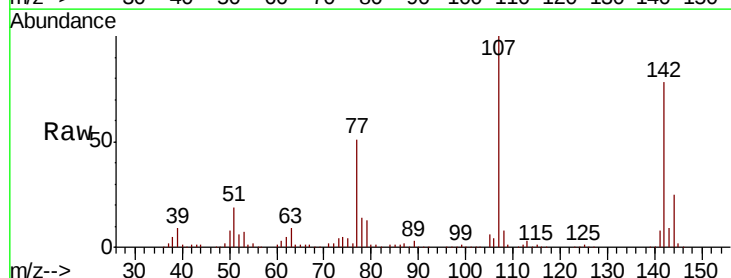
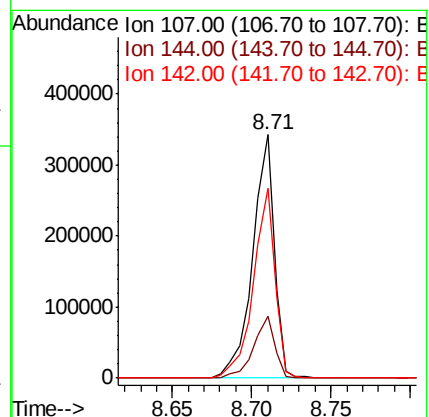
RT: 8.71 min Scan# 1126

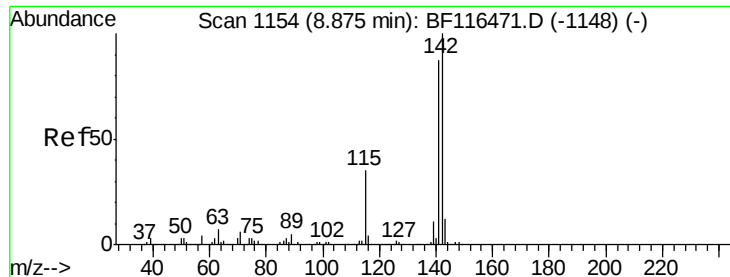
Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	107	Resp:	325231
Ion	Ratio	Lower	Upper
107	100		
144	25.2	18.8	28.2
142	78.0	59.8	89.6





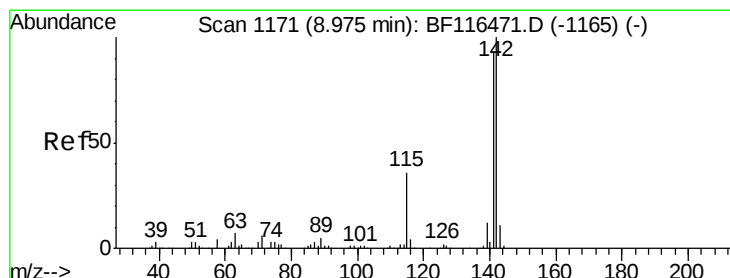
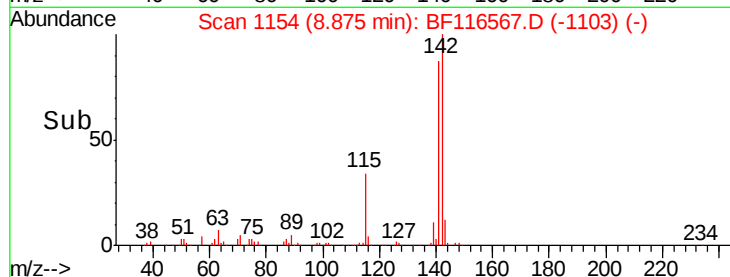
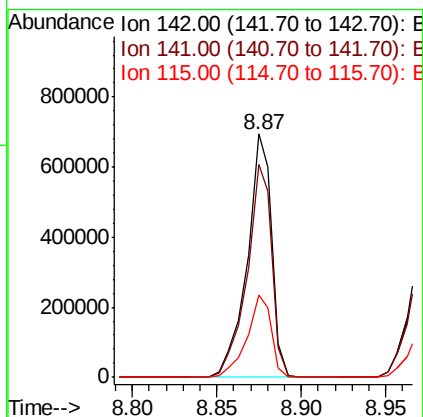
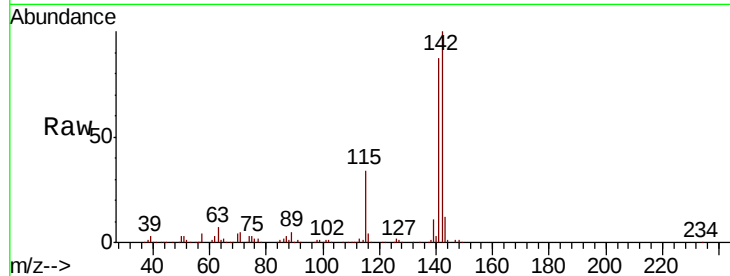
#37
2-Methylnaphthalene
Concen: 38.750 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6
115	34.0	27.7	41.5

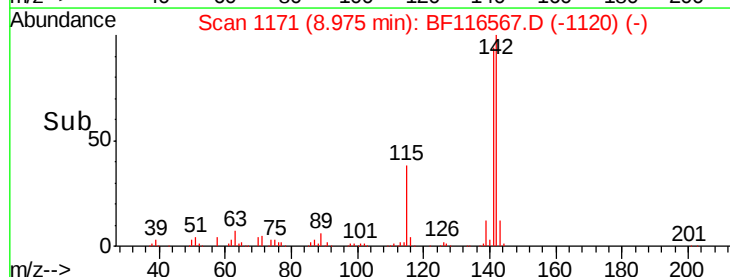
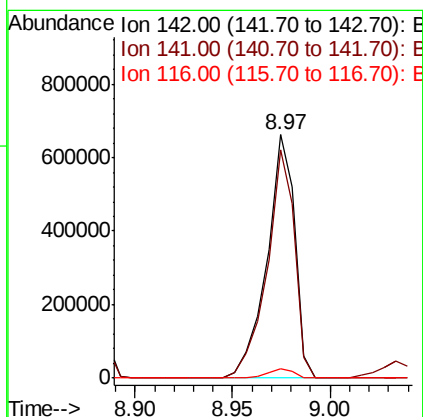
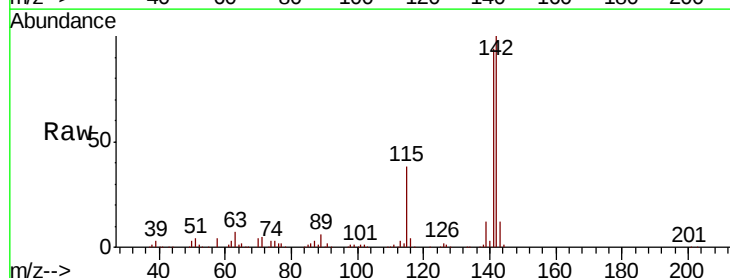
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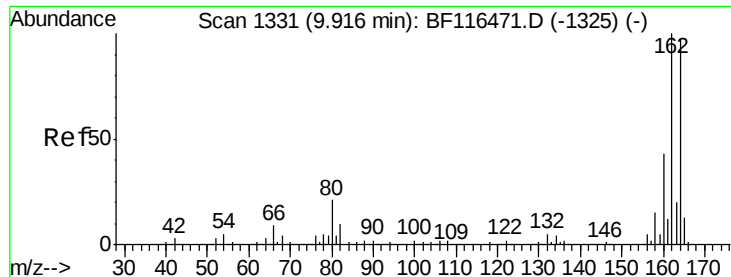
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#38
1-Methylnaphthalene
Concen: 38.446 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.2	111.2
116	3.9	2.9	4.3





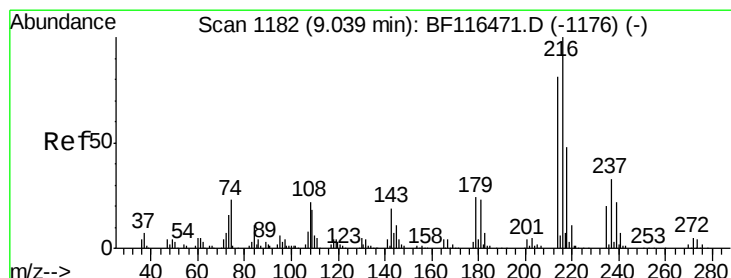
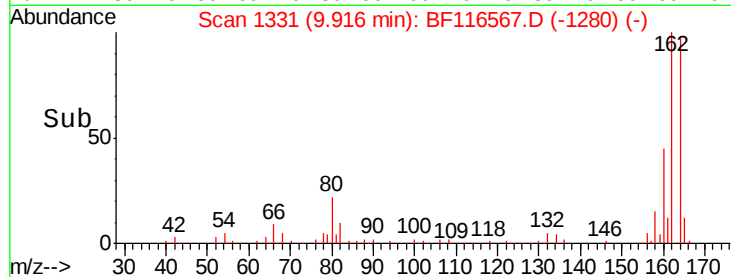
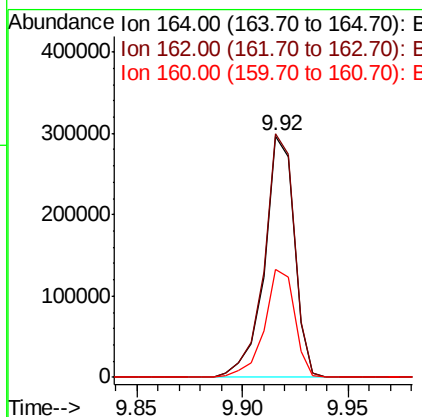
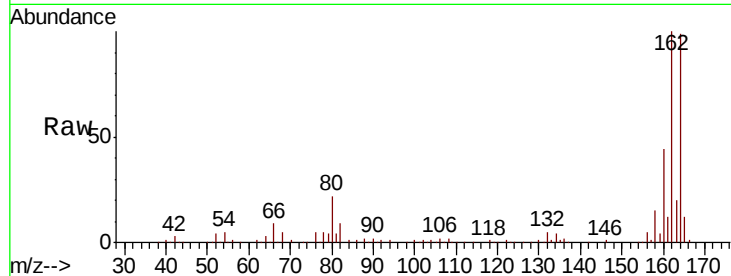
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	123.8	
160	44.9	35.8	53.8	

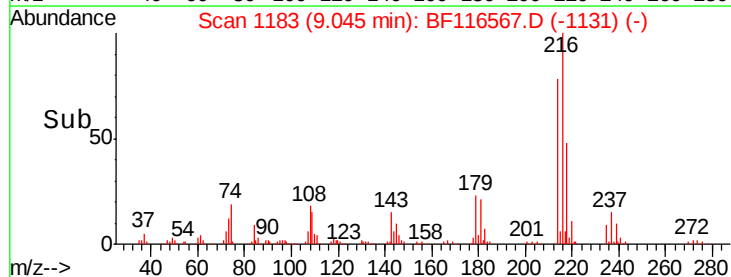
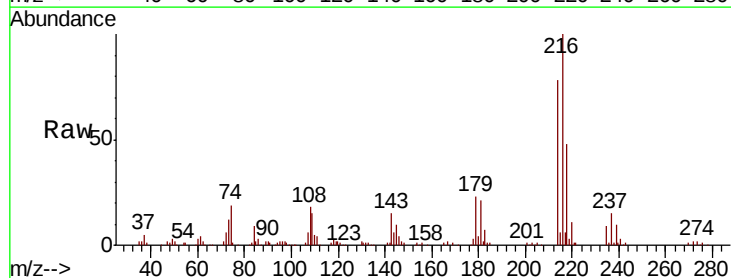
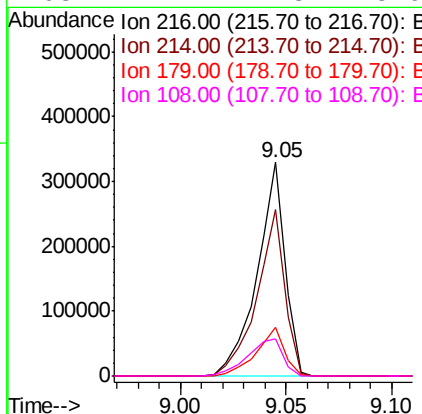
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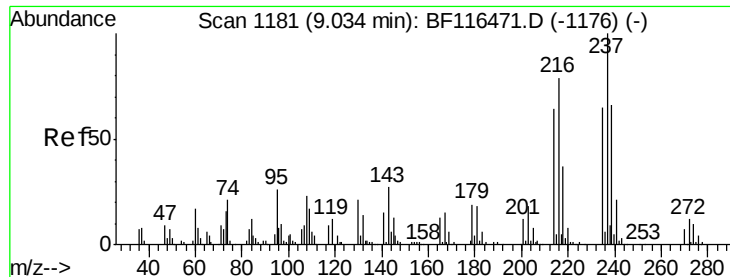
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.660 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.4	63.8	95.8	
179	22.7	18.5	27.7	
108	22.4	17.3	25.9	





#41

Hexachlorocyclopentadiene

Concen: 79.272 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

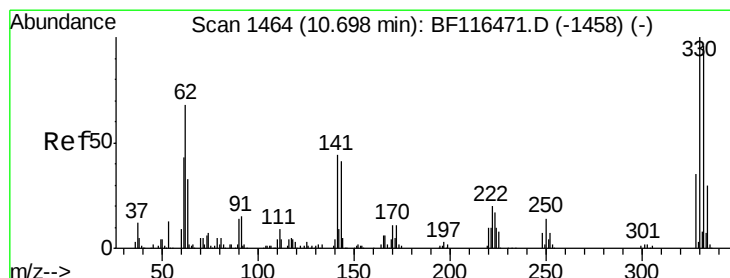
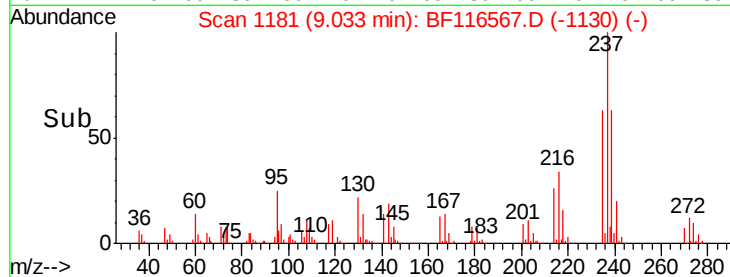
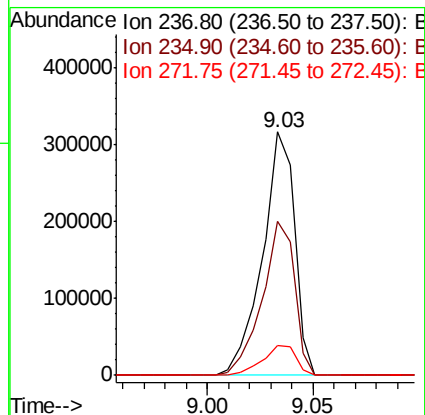
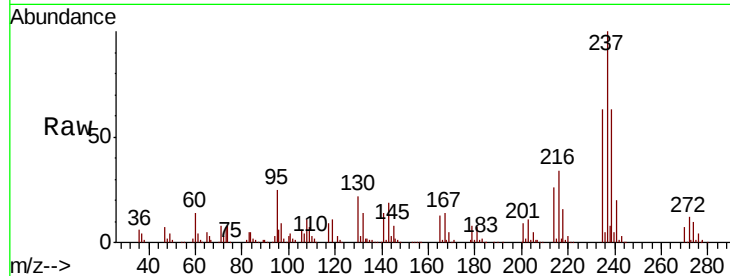
ClientSampleId :

PB122528BS

Tot Ion:	237	Resp:	335250
Ion Ratio		Lower	Upper
237	100		
235	63.2	44.8	84.8
272	12.2	0.0	32.5

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#42

2,4,6-Tribromophenol

Concen: 108.785 ng

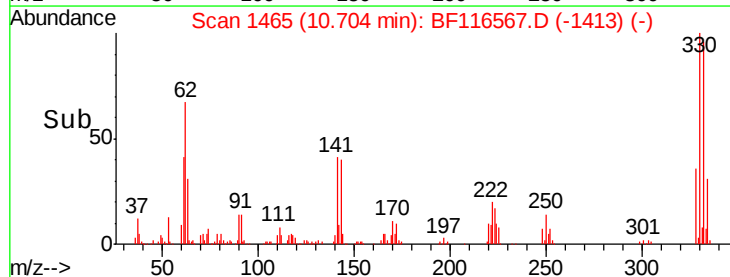
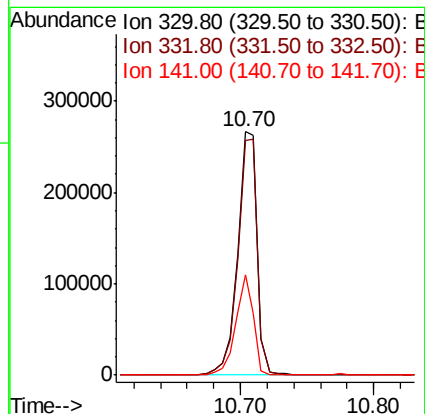
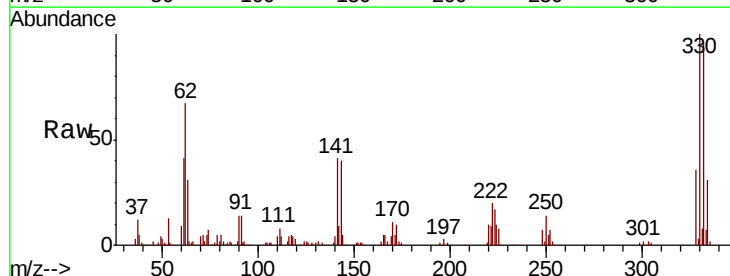
RT: 10.70 min Scan# 1465

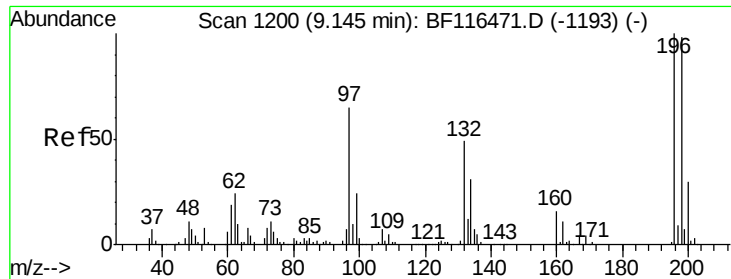
Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	330	Resp:	272909
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.2	115.8
141	37.5	33.3	49.9





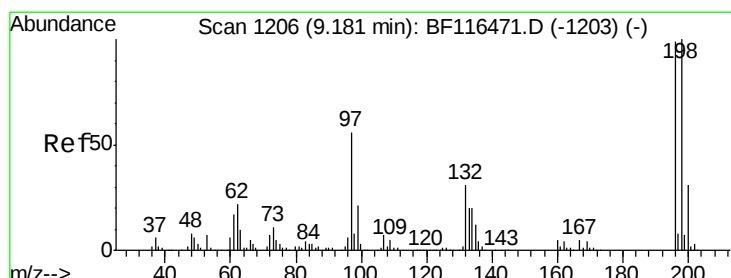
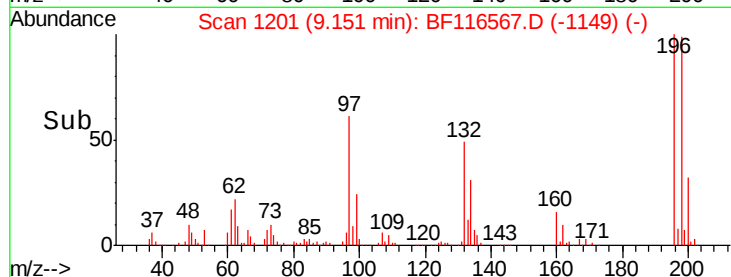
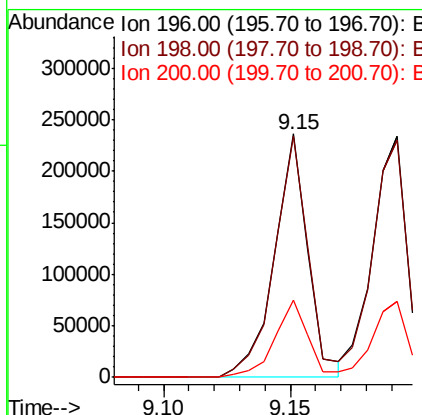
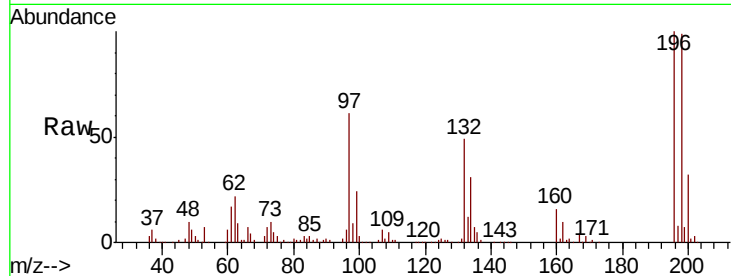
#43
 2,4,6-Trichlorophenol
 Concen: 39.713 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218474		
198	98.9	78.0	117.0	
200	31.8	24.2	36.2	

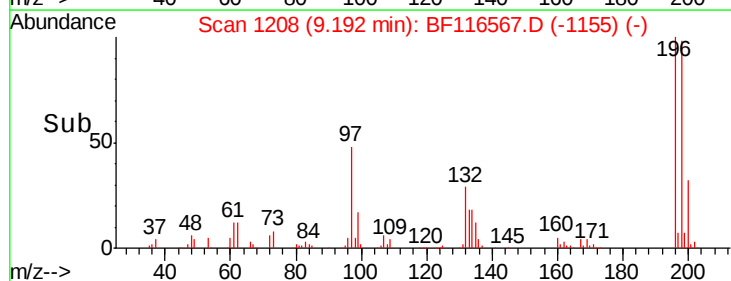
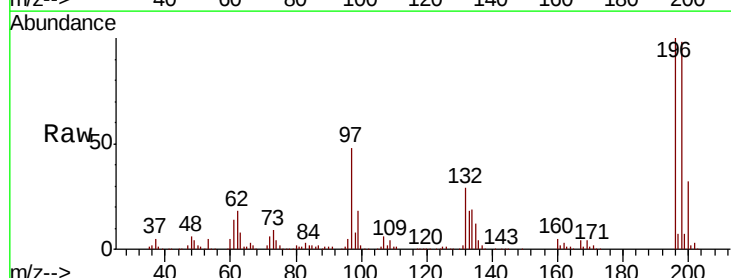
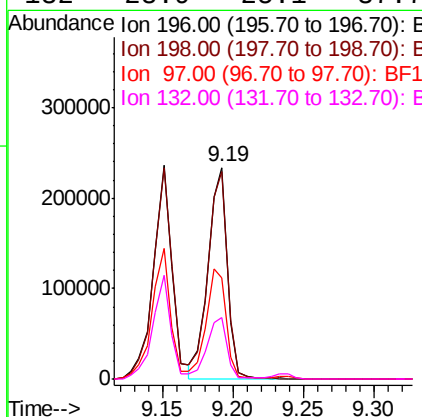
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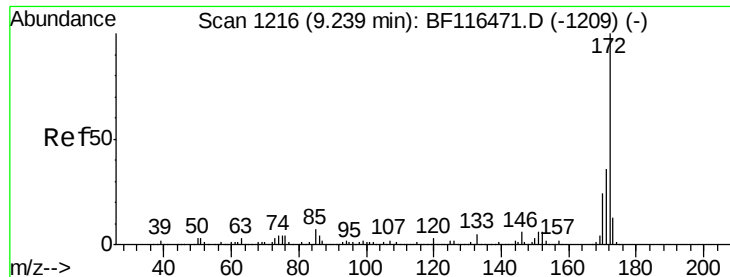
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 8/27/2019 10:30:21 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.748 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222495		
198	98.3	80.8	121.2	
97	48.0	45.7	68.5	
132	28.9	25.1	37.7	





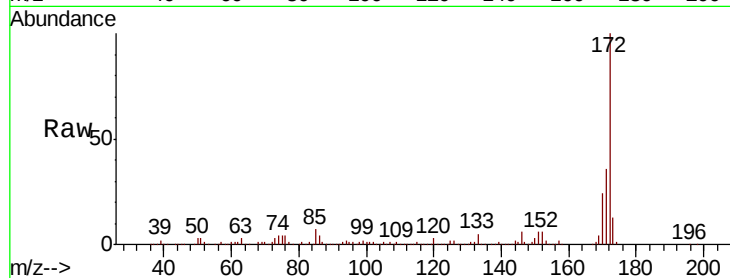
#45
2-Fluorobiphenyl
Concen: 61.320 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.9	19.4	29.0

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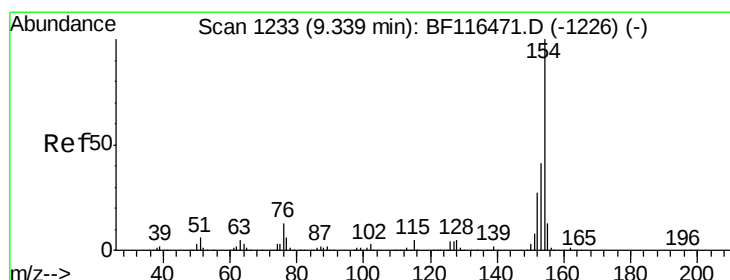
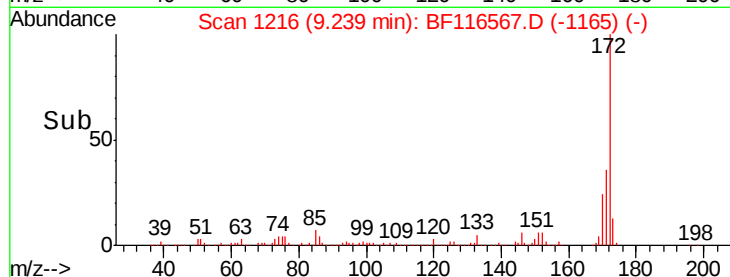
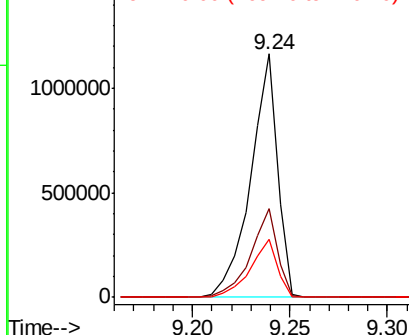


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.223 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

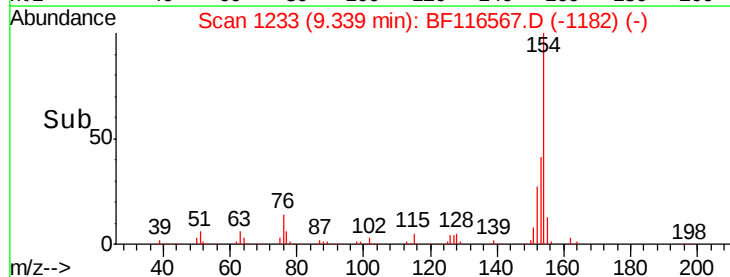
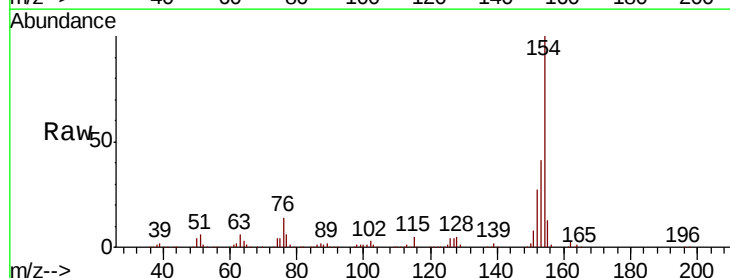
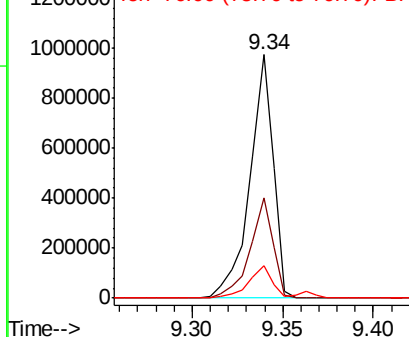
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.6	0.0	32.9

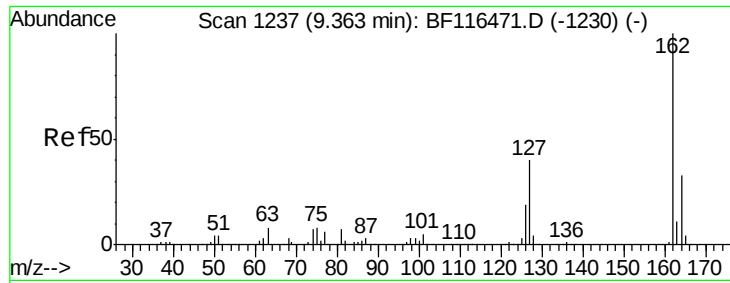
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





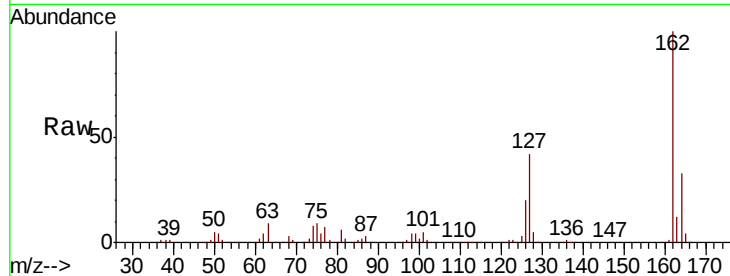
#47
 2-Chloronaphthalene
 Concen: 36.435 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	42.1	32.5	48.7
164	32.8	26.7	40.1

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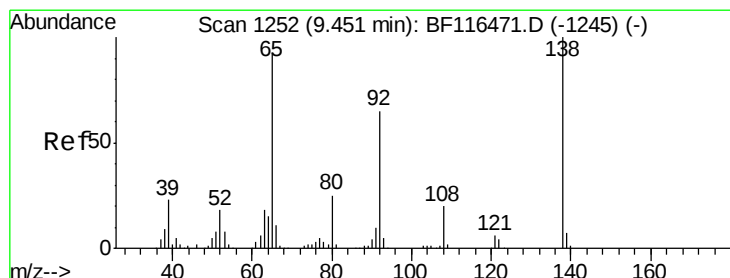
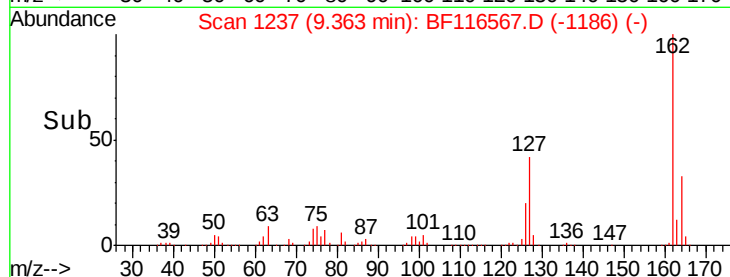
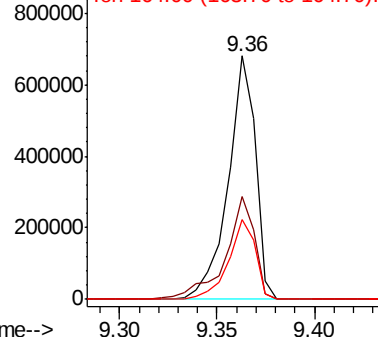


Abundance

Ion 162.00 (161.70 to 162.70): E

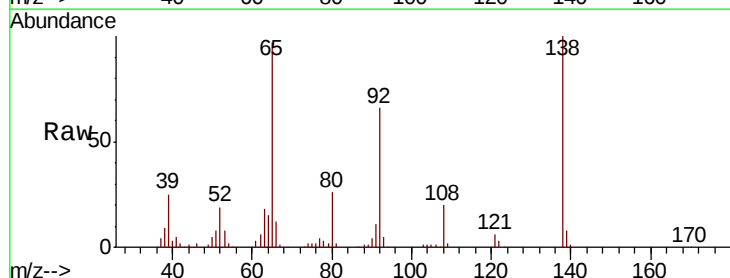
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 37.726 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.5	56.2	84.2
138	103.2	86.0	129.0

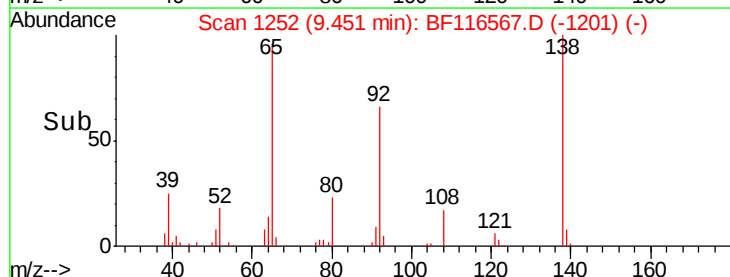
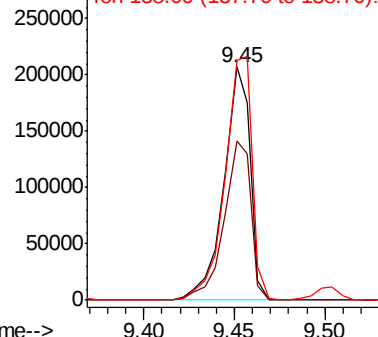


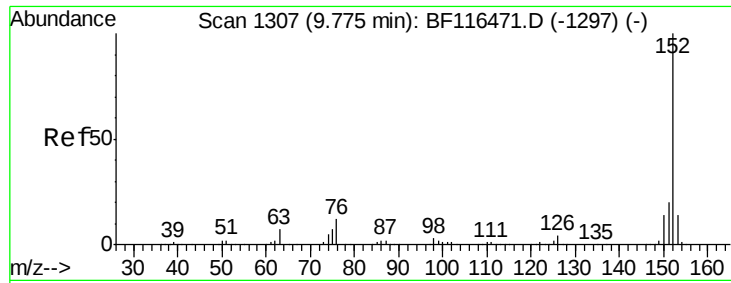
Abundance

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: 38.627 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

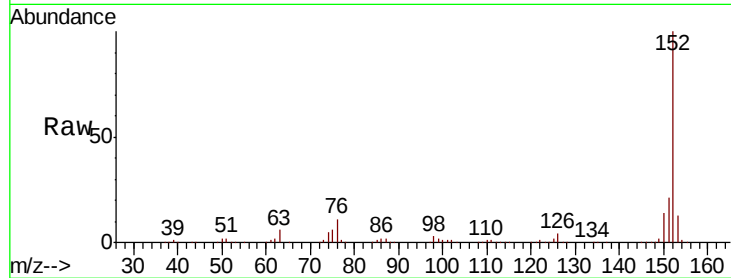
ClientSampled :

PB122528BS

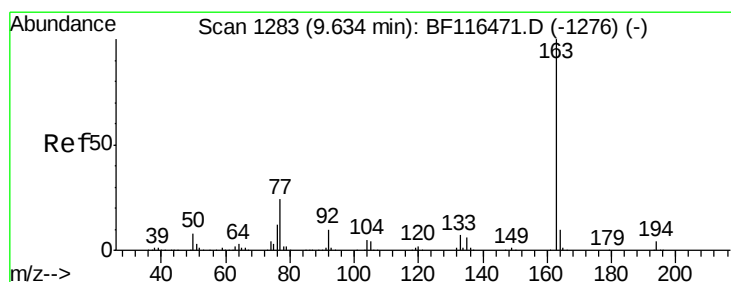
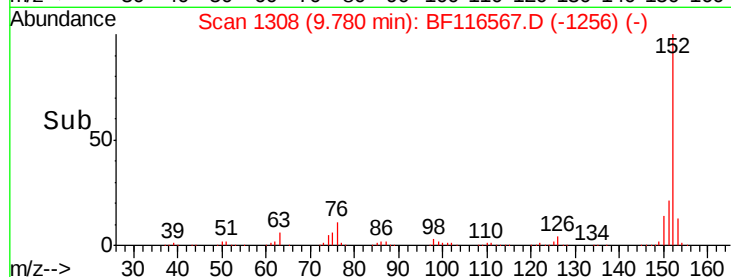
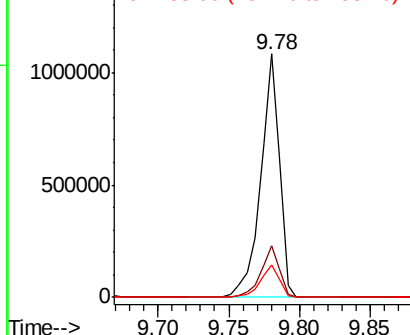
Tot Ion:	152	Resp:	1023402
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.1	24.1
153	13.5	11.4	17.0

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



#50

Dimethylphthalate

Concen: 37.817 ng

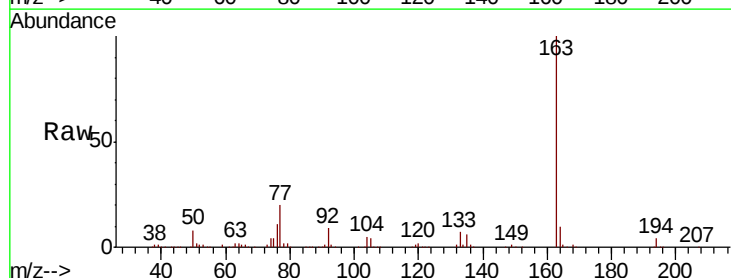
RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

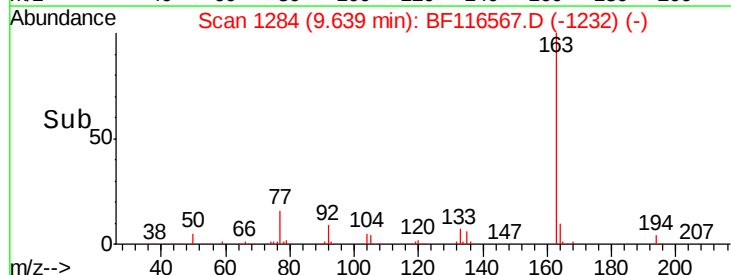
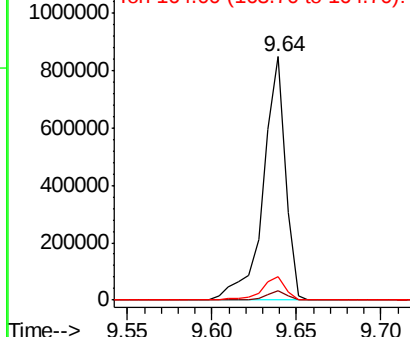
Lab File: BF116567.D

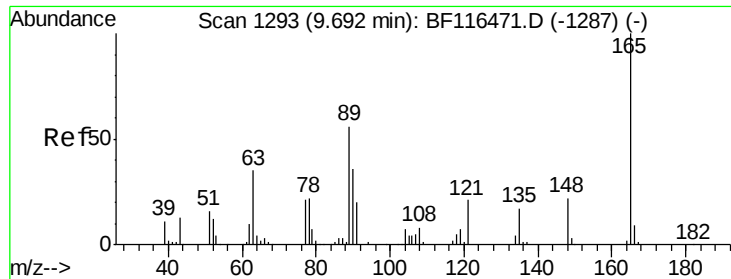
Acq: 26 Aug 2019 11:51

Tgt Ion:	163	Resp:	770875
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.9	4.3
164	9.8	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





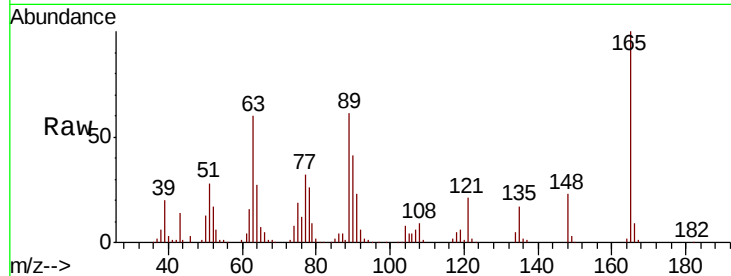
#51
2,6-Dinitrotoluene
Concen: 41.837 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

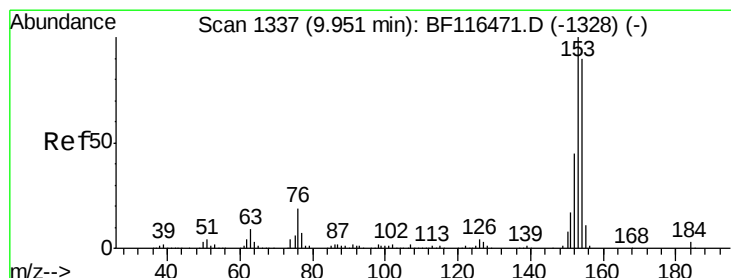
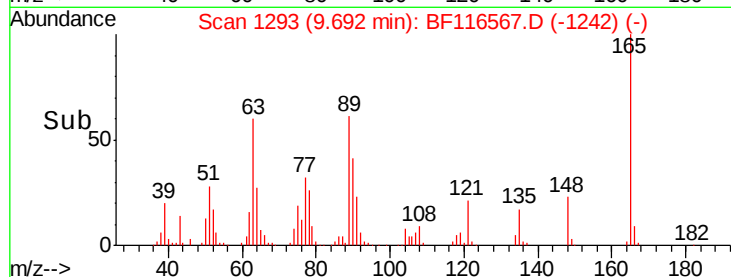
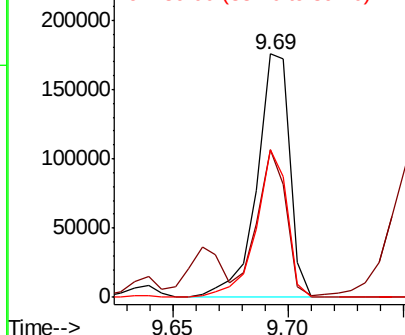
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.4	43.7	65.5	
89	60.8	45.1	67.7	

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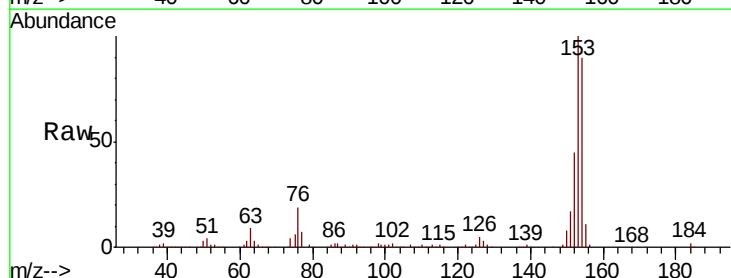


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

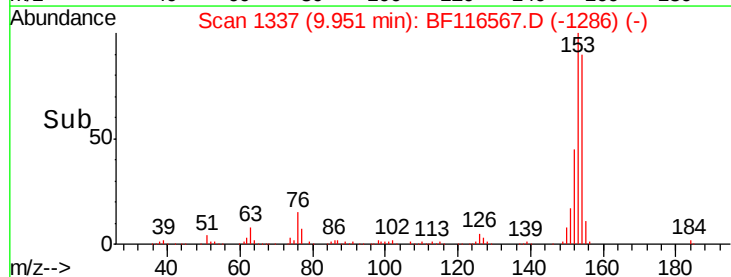
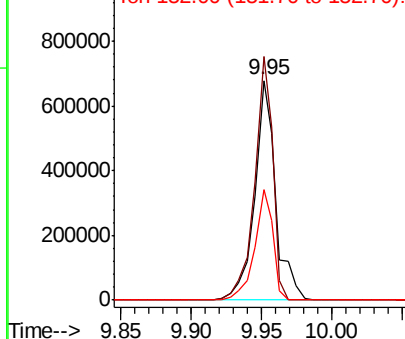


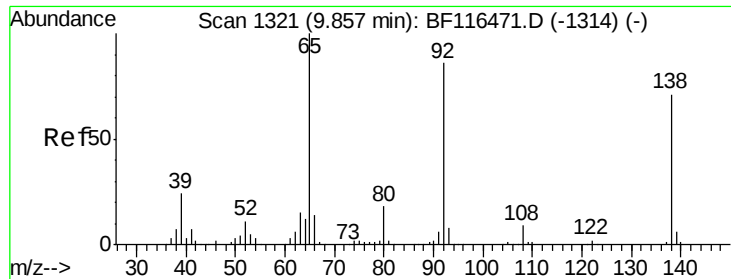
#52
Acenaphthene
Concen: 41.775 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.0	89.3	133.9	
152	50.3	40.2	60.4	



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





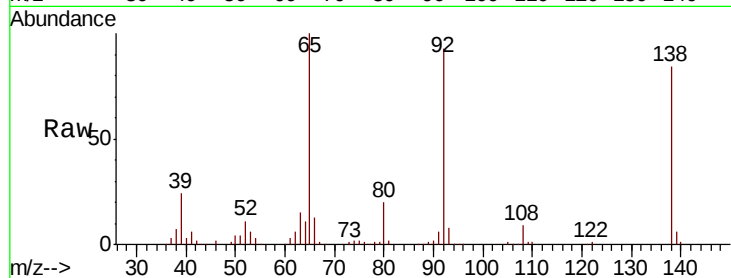
#53
3-Nitroaniline
Concen: 26.897 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	10.0	15.0
92	110.9	97.7	146.5

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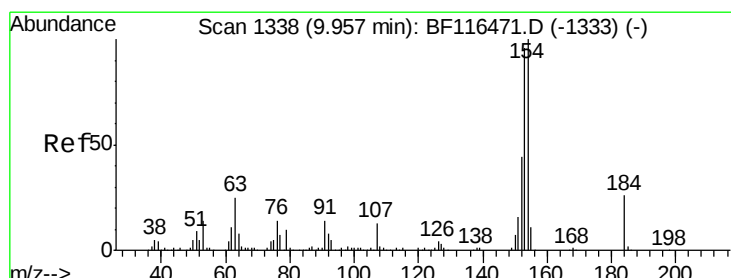
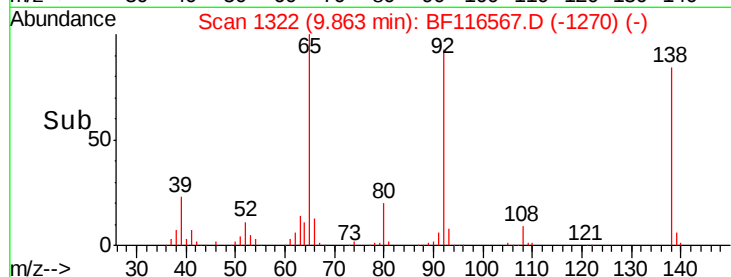
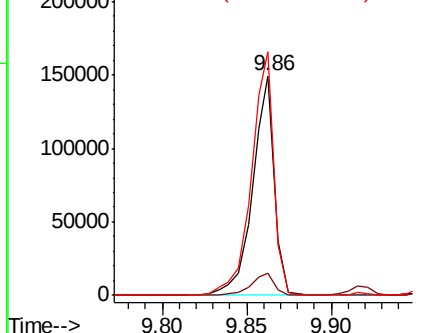


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.207 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

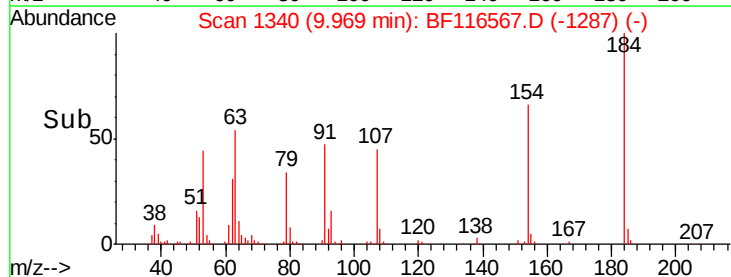
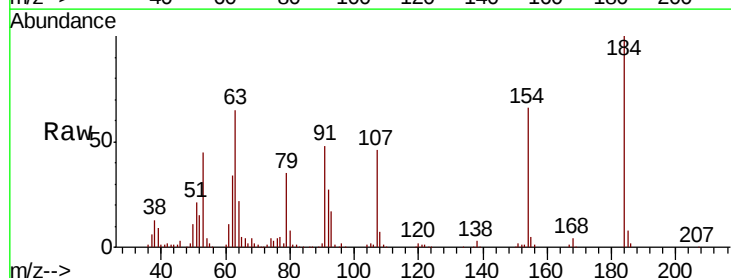
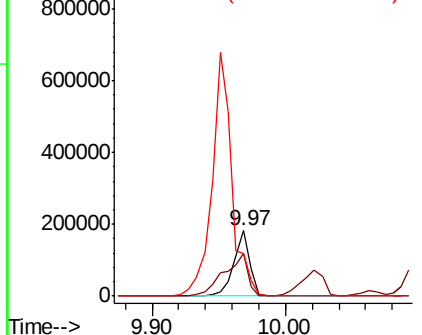
Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	78.2	117.4#
154	66.4	320.4	480.6#

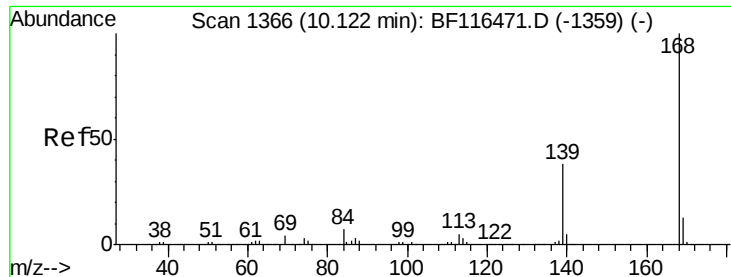
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





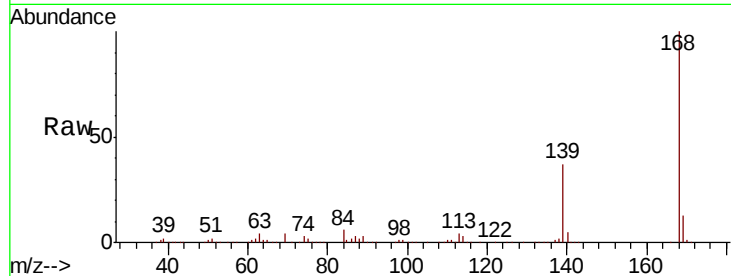
#55
Dibenzenofuran
Concen: 38.342 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.7	46.1
169	13.3	10.7	16.1

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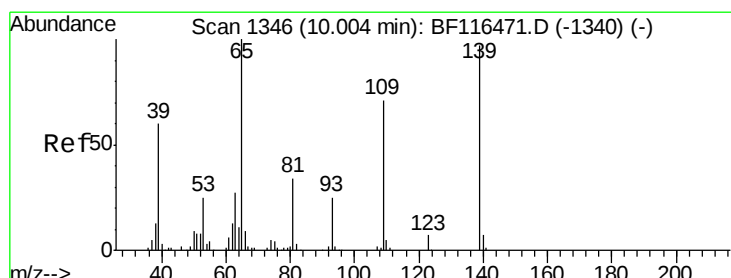
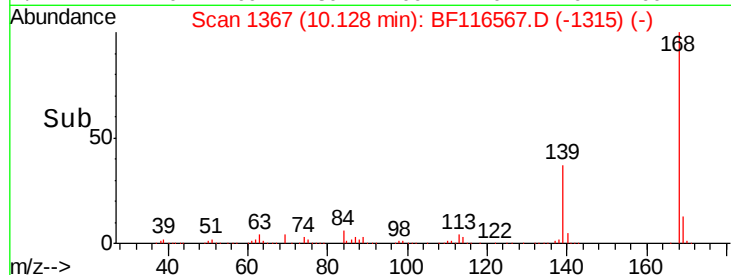
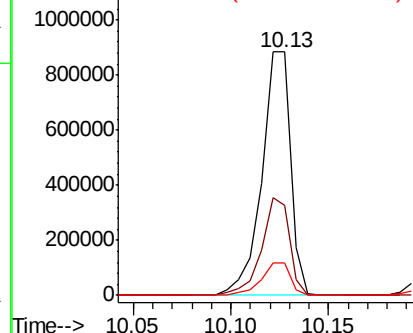


Abundance

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: 77.231 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

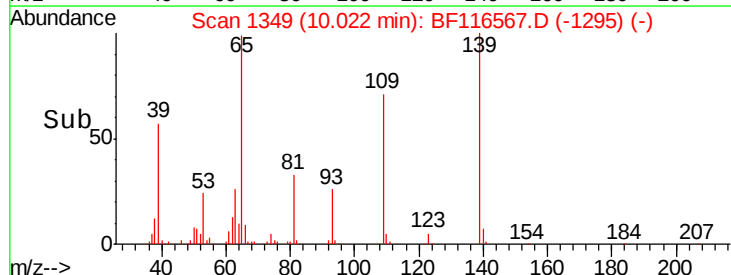
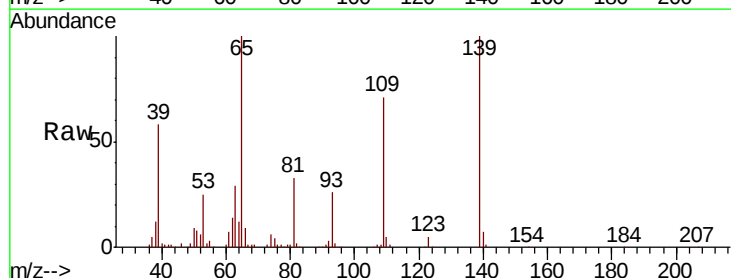
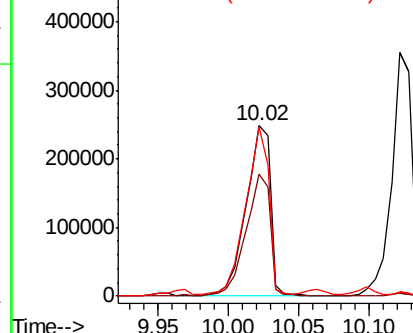
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	53.4	93.4
65	99.6	83.0	123.0

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





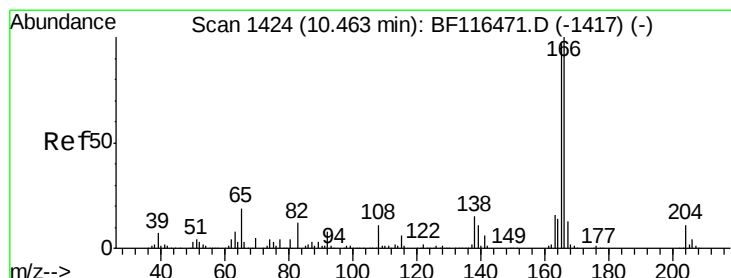
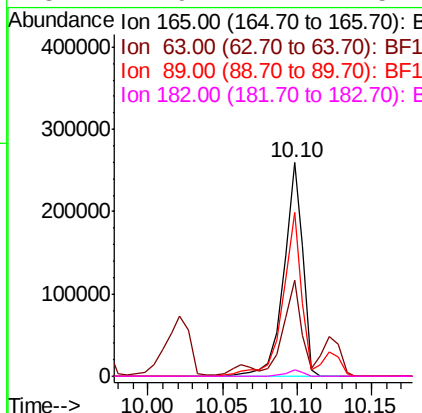
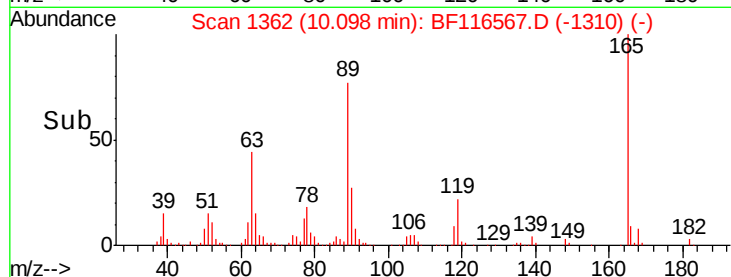
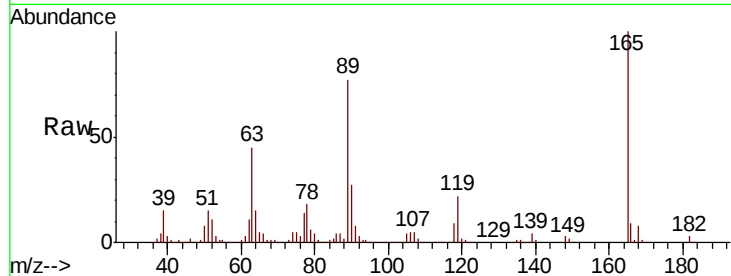
#57
2,4-Dinitrotoluene
Concen: 43.922 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.9	36.9	55.3
89	76.9	63.4	95.0
182	2.9	2.1	3.1

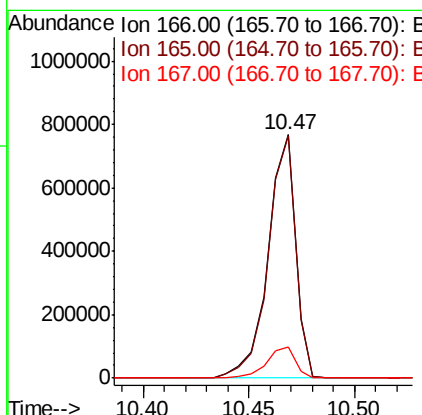
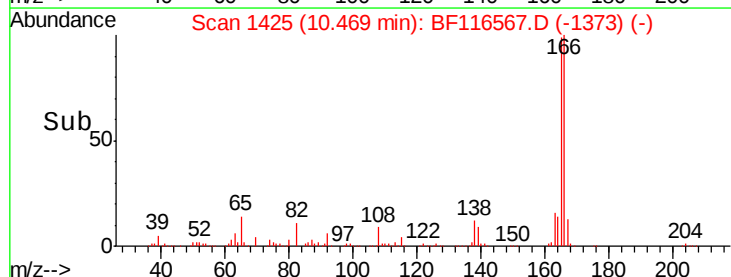
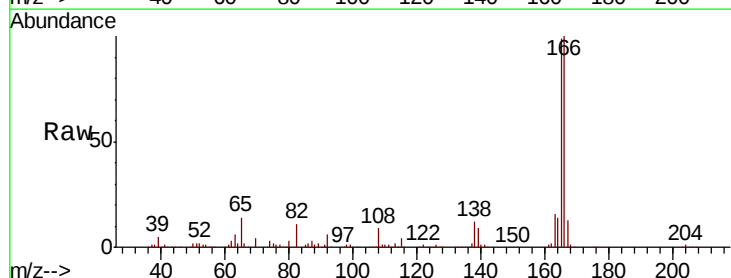
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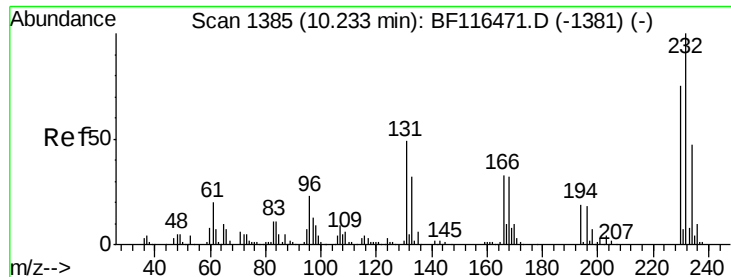
Jagrut
8/27/2019 10:30:21 AM



#58
Fluorene
Concen: 38.055 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.4	77.4	116.0
167	12.9	10.8	16.2





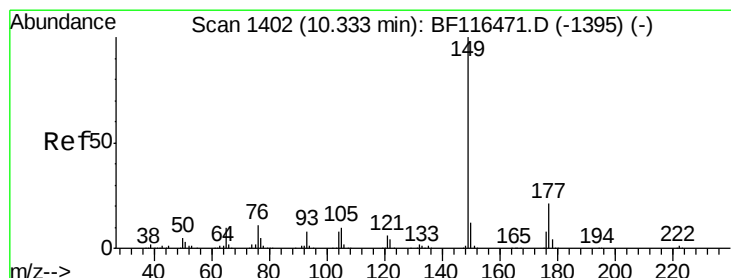
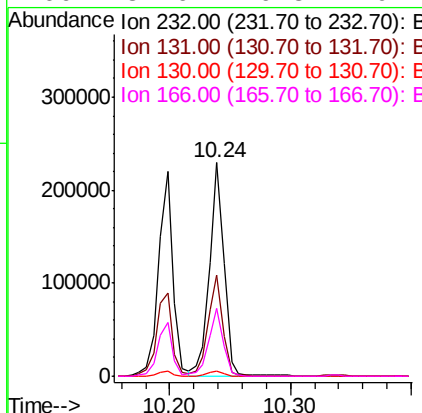
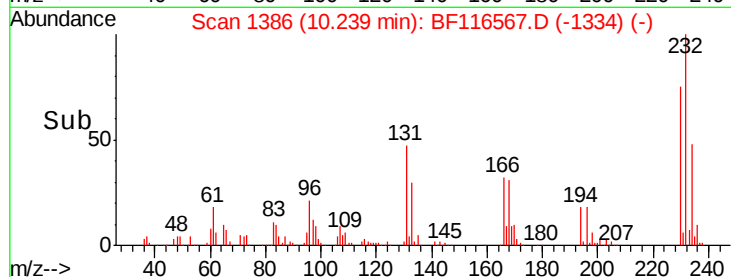
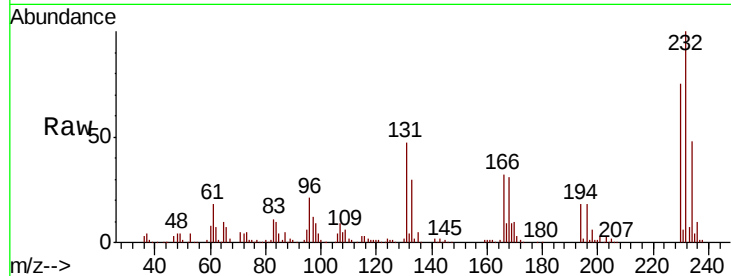
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.870 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	192440		
131	46.7	40.8	61.2	
130	2.4	1.8	2.8	
166	31.6	26.8	40.2	

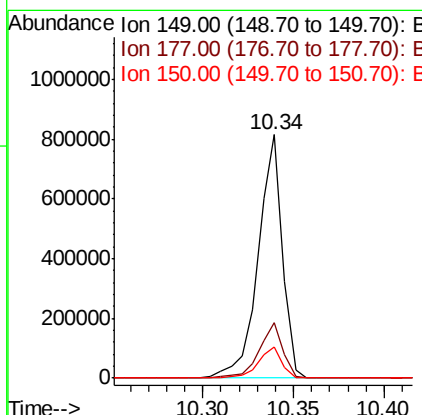
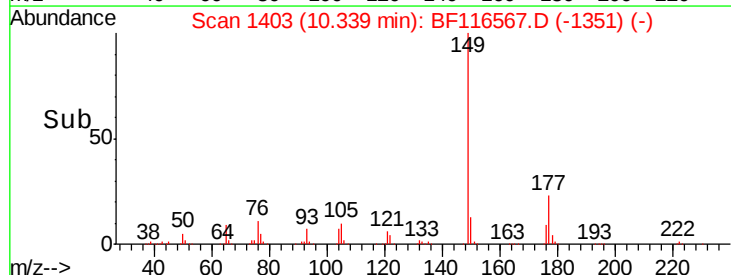
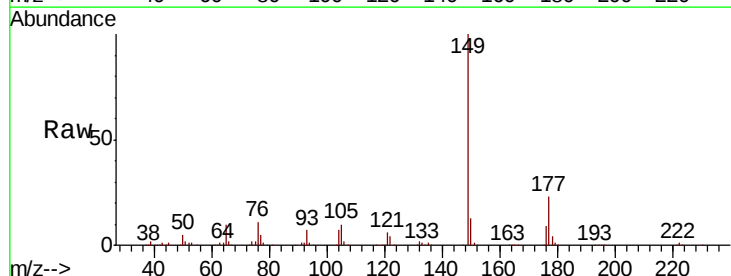
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#60
Diethylphthalate
Concen: 37.683 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	754986		
177	22.6	17.1	25.7	
150	12.6	9.8	14.6	





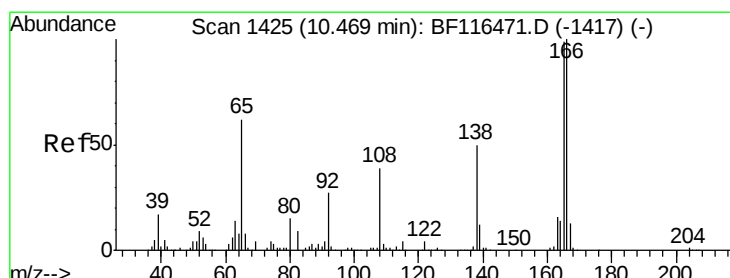
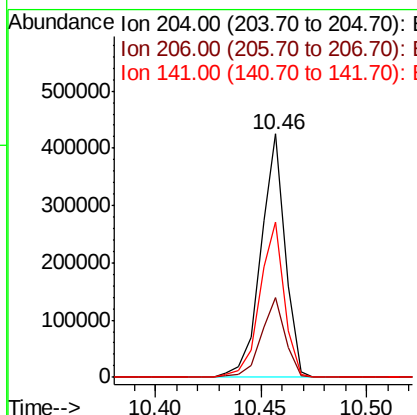
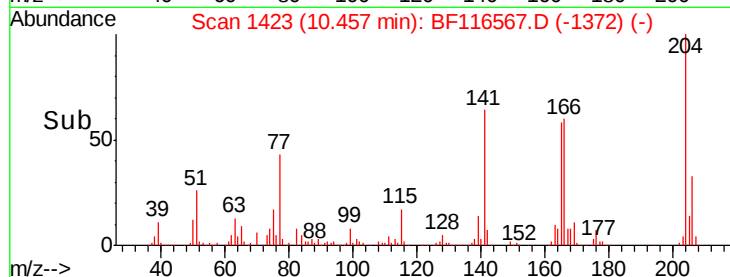
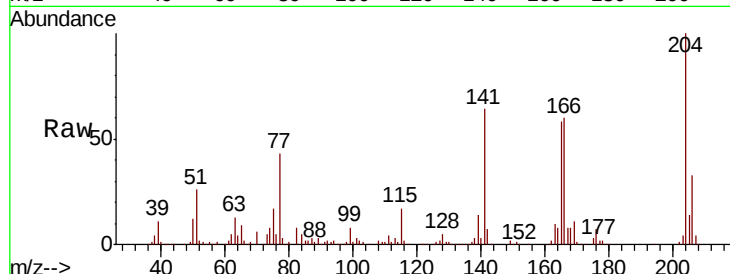
#61
 4-Chlorophenyl-phenylether
 Concen: 37.843 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB122528BS

Tot Ion:	204	Resp:	339923
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.9	38.9
141	64.0	48.6	73.0

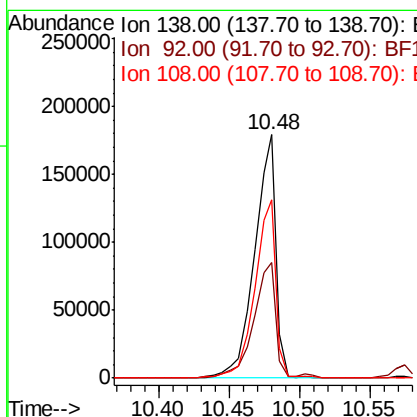
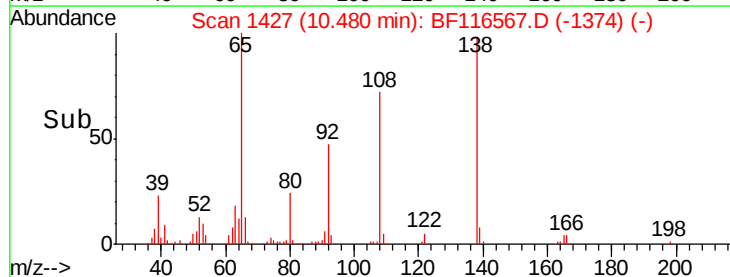
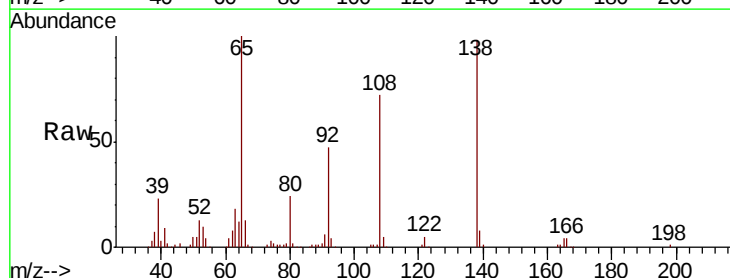
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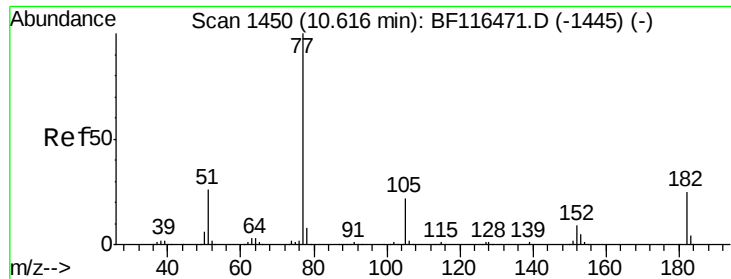
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#62
 4-Nitroaniline
 Concen: 39.259 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:	138	Resp:	190960
Ion Ratio	Lower	Upper	
138	100		
92	47.7	34.9	74.9
108	73.3	57.7	97.7





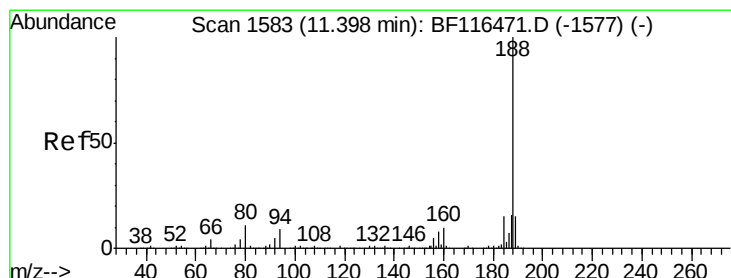
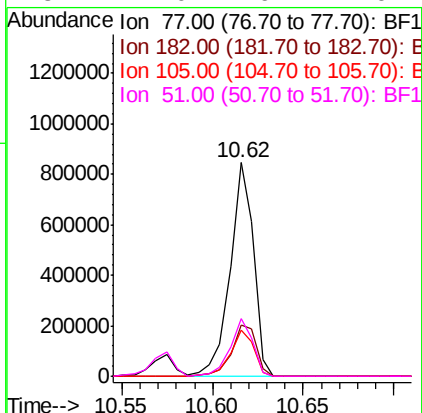
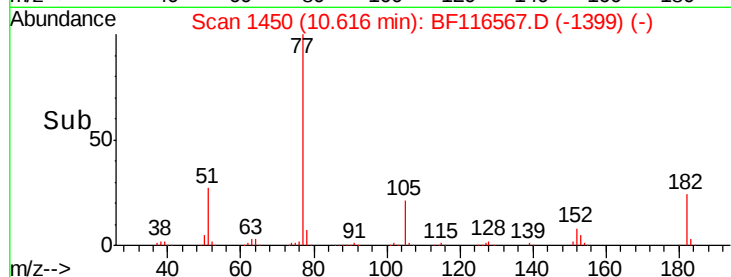
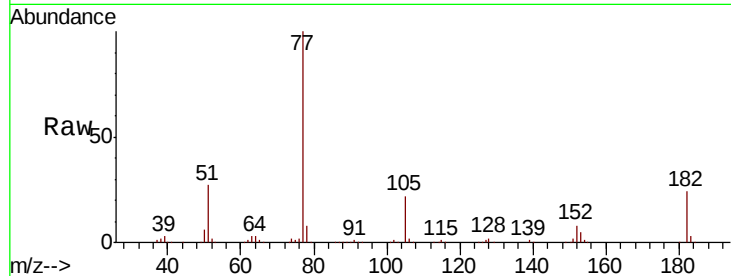
#63
Azobenzene
Concen: 36.931 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.9	5.4	45.4		
105	21.7	1.6	41.6		
51	27.0	6.2	46.2		

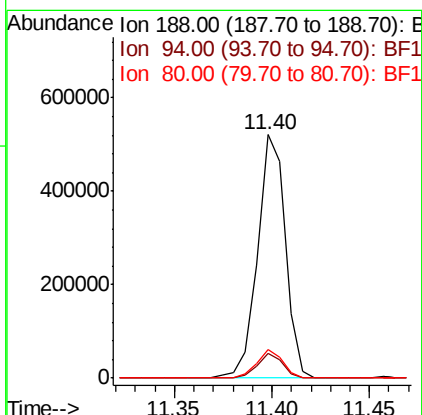
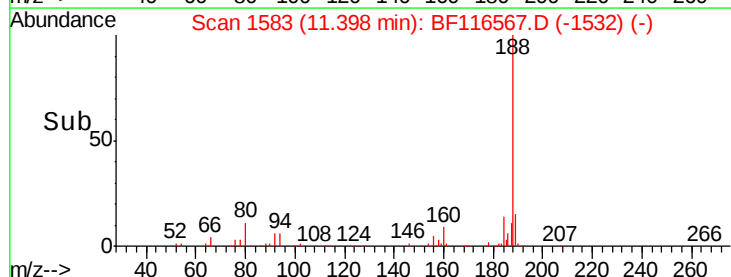
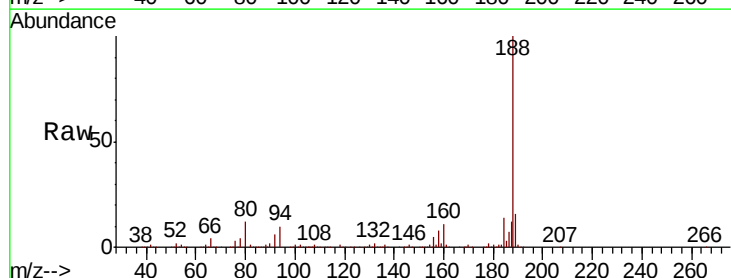
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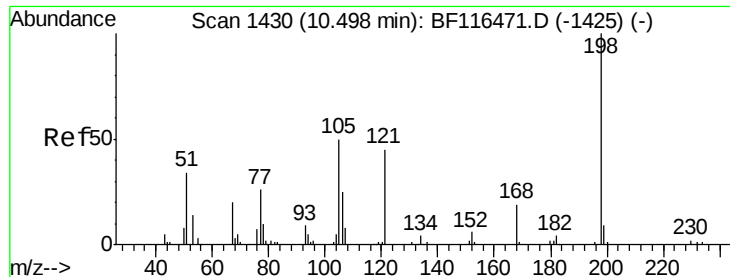
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.3	7.4	11.2		
80	11.7	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.601 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

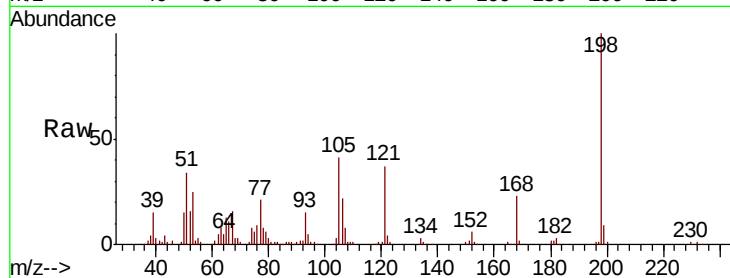
ClientSampleId :

PB122528BS

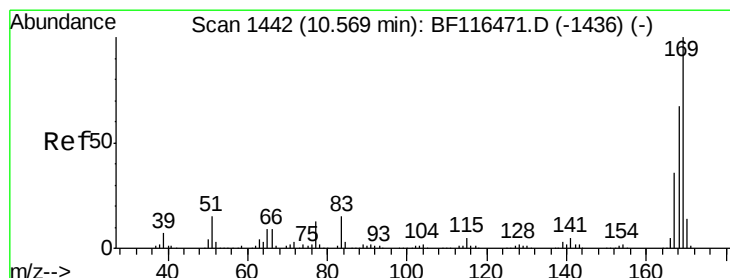
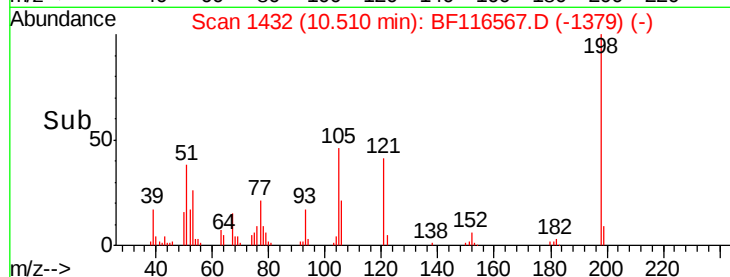
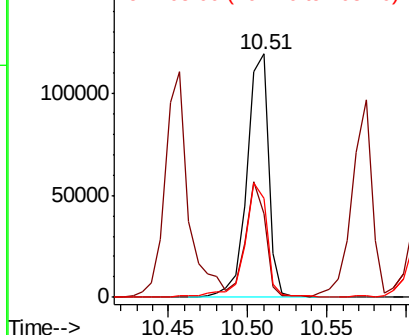
Tot Ion:	198	Resp:	112314
Ion Ratio	Lower	Upper	
198	100		
51	34.1	30.4	70.4
105	40.6	32.8	72.8

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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: 37.985 ng

RT: 10.57 min Scan# 1443

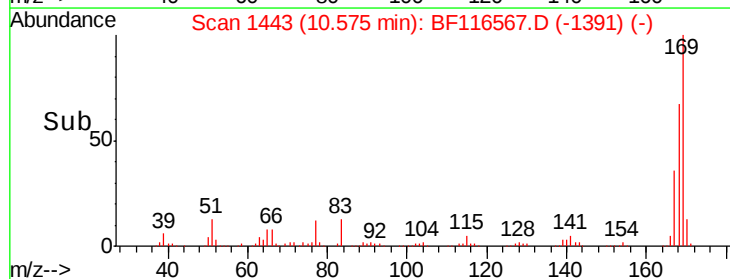
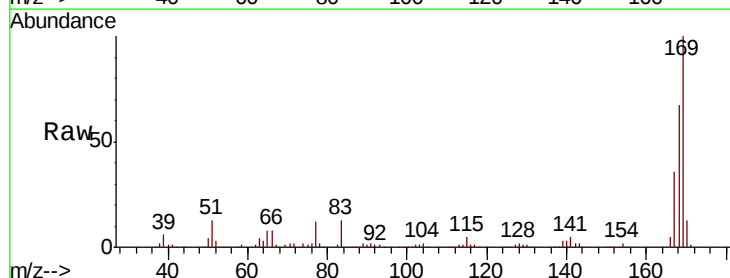
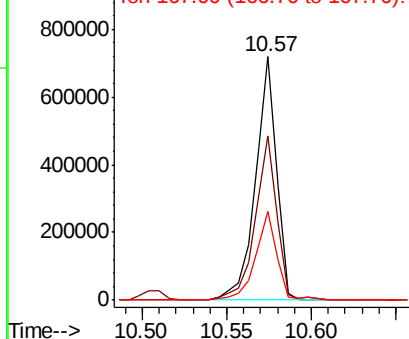
Delta R.T. 0.01 min

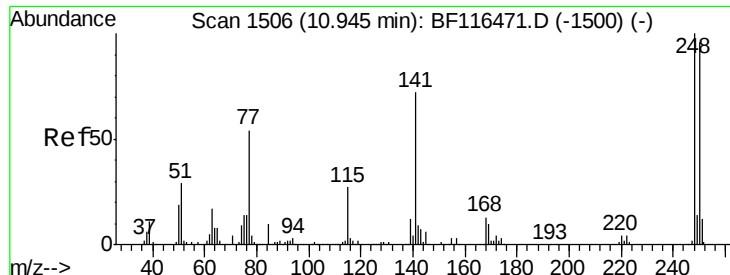
Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	169	Resp:	631027
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.6	80.4
167	36.4	28.7	43.1

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





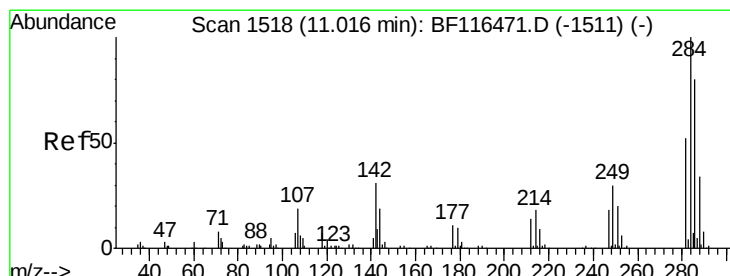
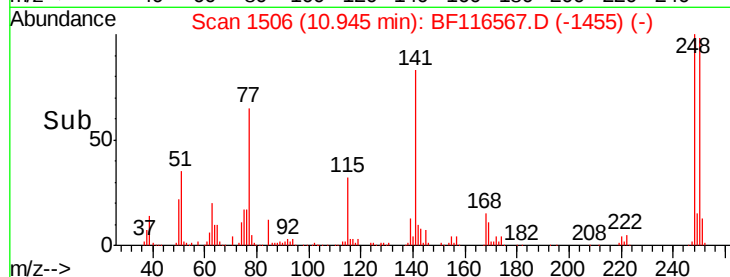
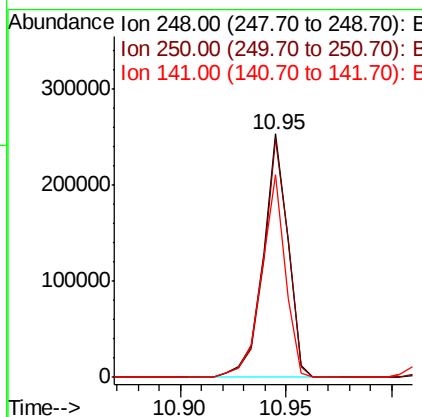
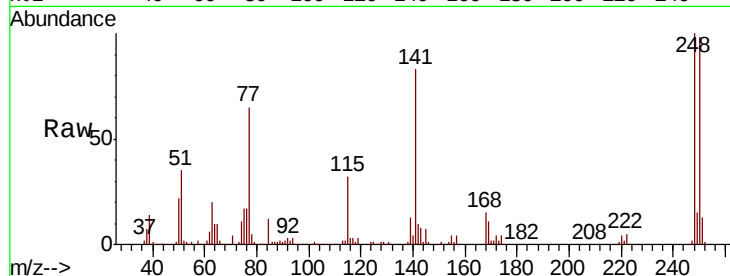
#67
 4-Bromophenyl-phenylether
 Concen: 38.226 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion:	248	Resp:	205612
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.0	115.6
141	83.0	57.4	86.0

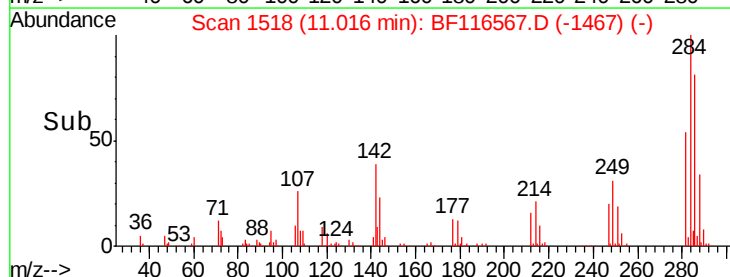
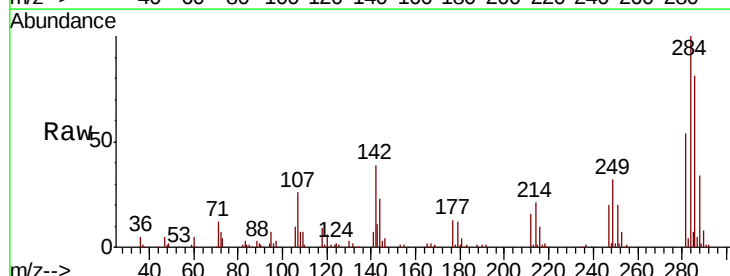
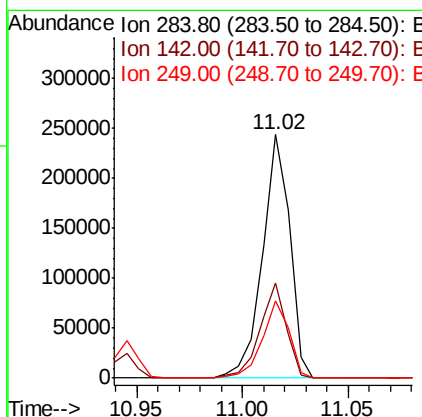
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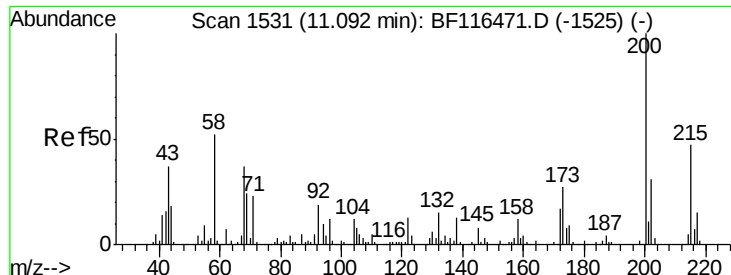
Jagrut
 8/27/2019 10:30:21 AM



#68
 Hexachlorobenzene
 Concen: 36.953 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:	284	Resp:	219841
Ion Ratio	Lower	Upper	
284	100		
142	39.2	24.6	36.8#
249	31.5	24.1	36.1





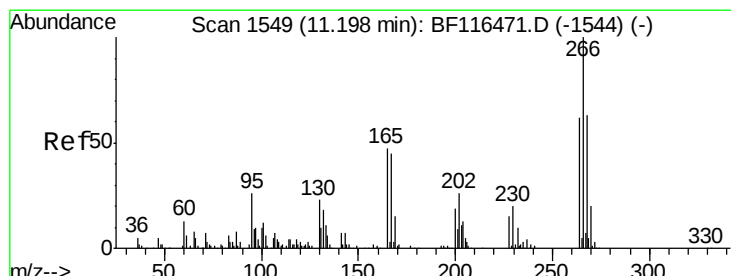
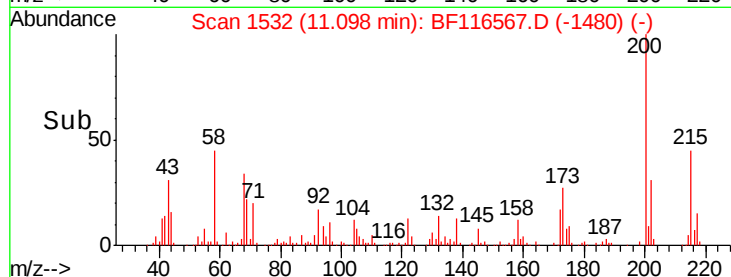
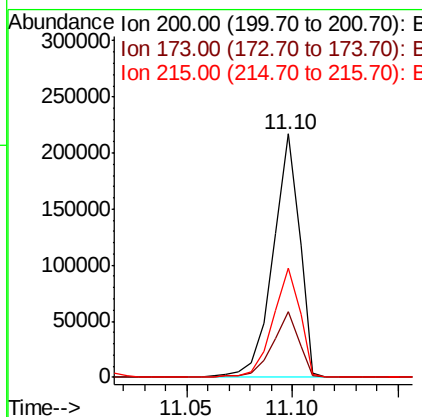
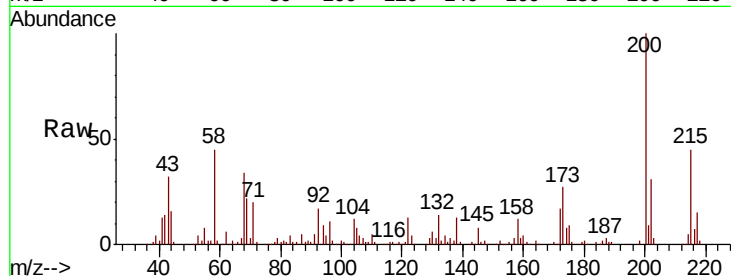
#69
Atrazine
Concen: 38.015 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	7.3	47.3
215	44.7	26.7	66.7

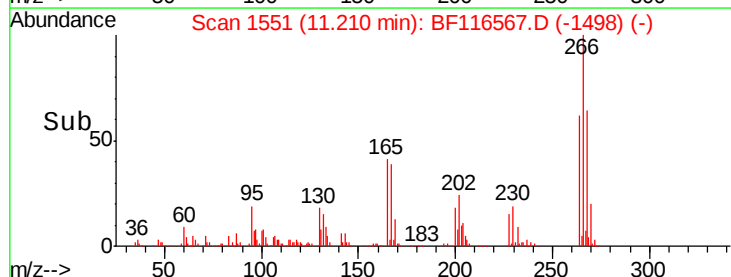
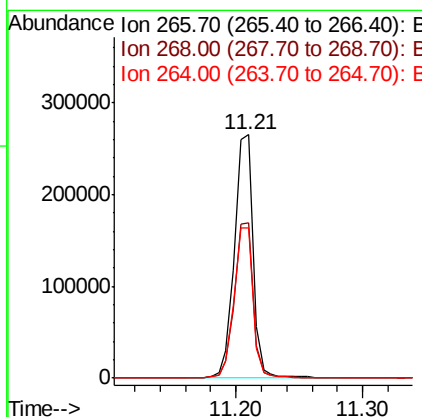
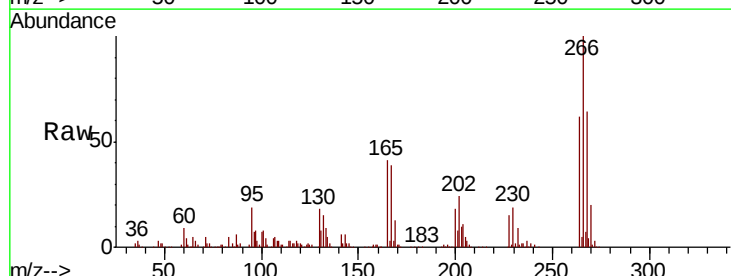
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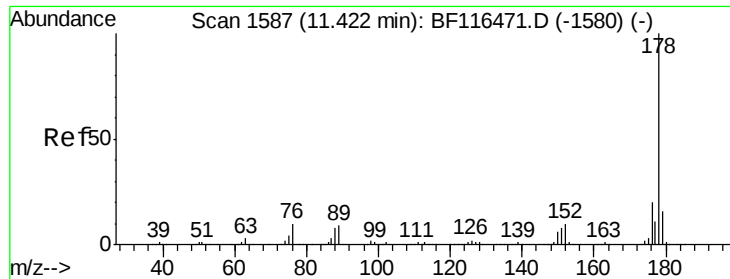
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#70
Pentachlorophenol
Concen: 77.985 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	50.7	76.1
264	61.9	50.0	75.0





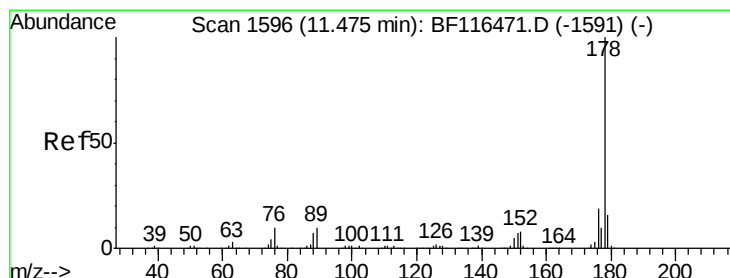
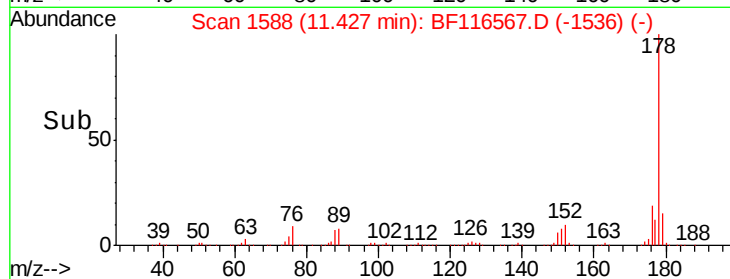
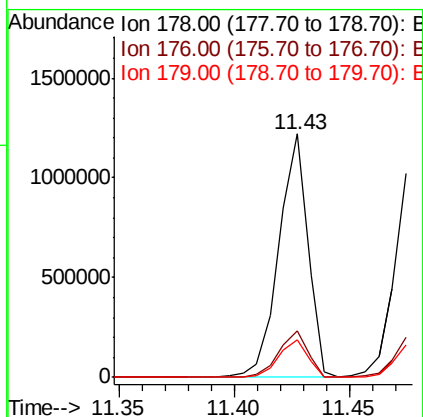
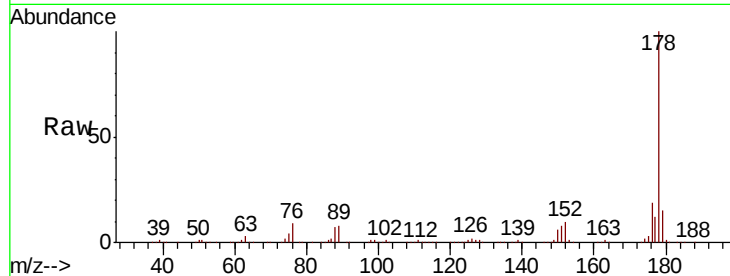
#71
Phenanthrene
Concen: 38.012 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion:178 Resp: 1062407
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.4 12.8 19.2

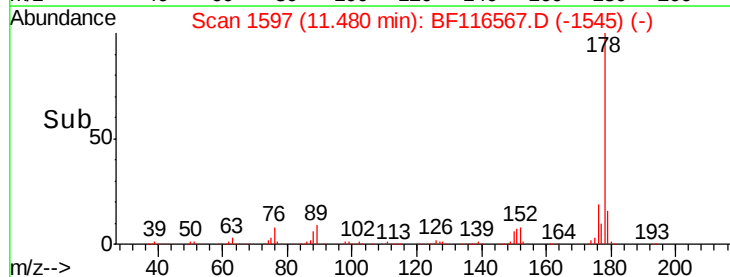
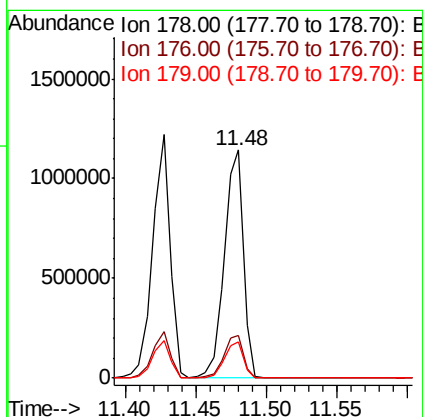
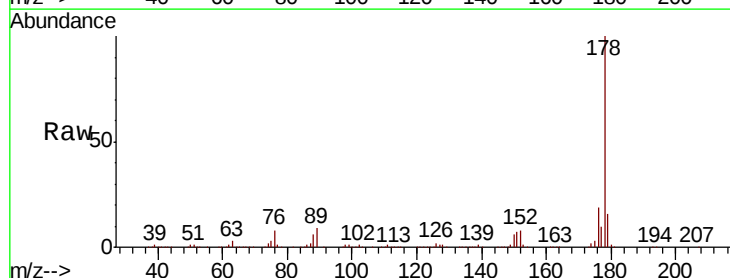
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#72
Anthracene
Concen: 38.222 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion:178 Resp: 1073461
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.5 18.7





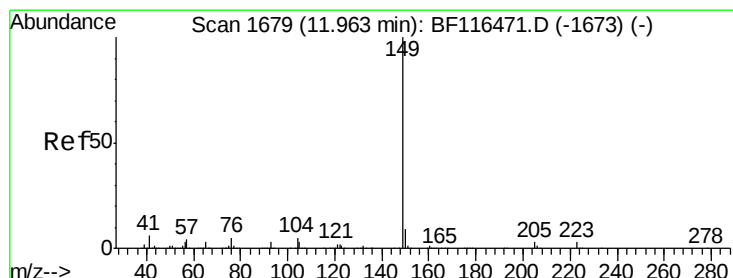
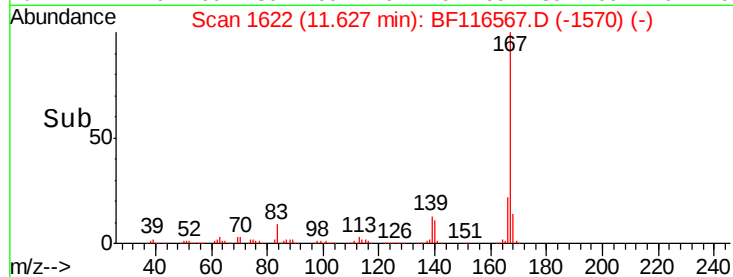
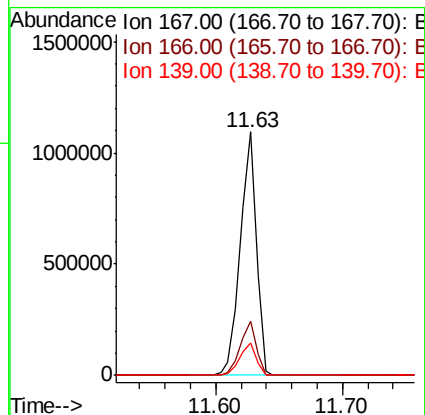
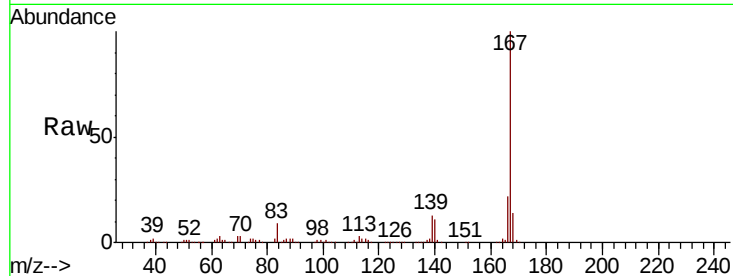
#73
 Carbazole
 Concen: 37.748 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampled :
 PB122528BS

Tot Ion:	167	Resp:	951620
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.6
139	13.4	10.9	16.3

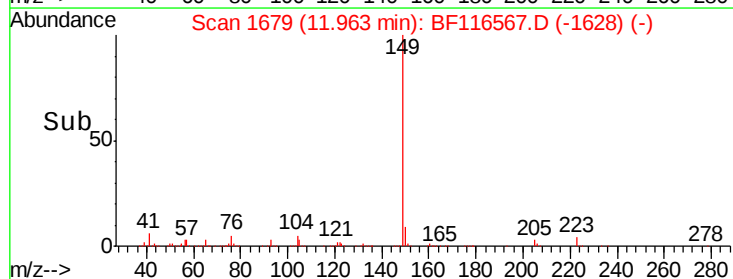
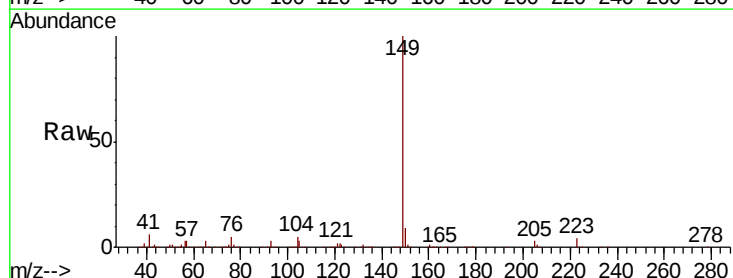
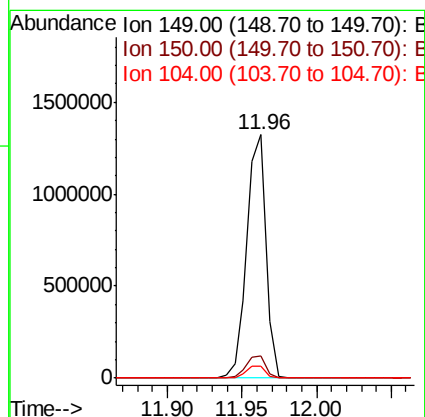
Manual Integrations
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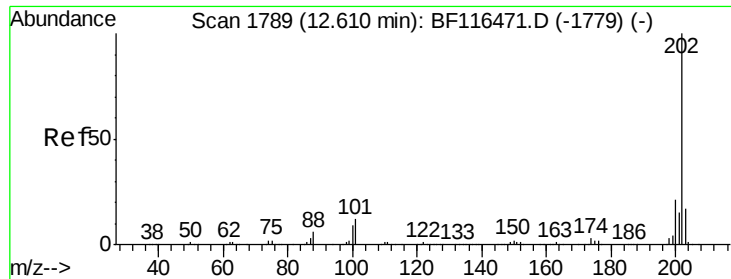
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#74
 Di-n-butylphthalate
 Concen: 37.849 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion:	149	Resp:	1182355
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	5.0	4.1	6.1





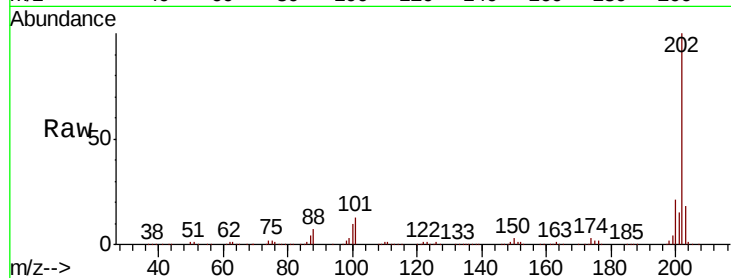
#75
 Fluoranthene
 Concen: 37.471 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1082741		
101	13.1		0.0	31.5
203	18.1		0.0	37.5

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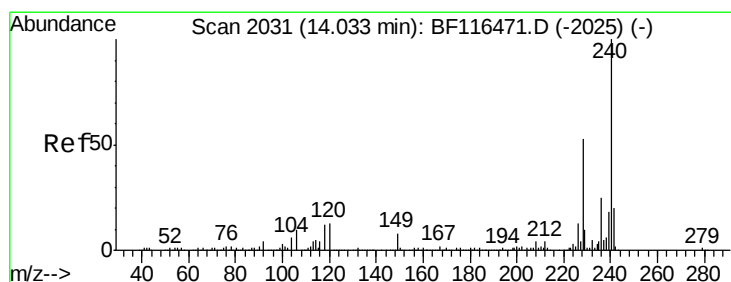
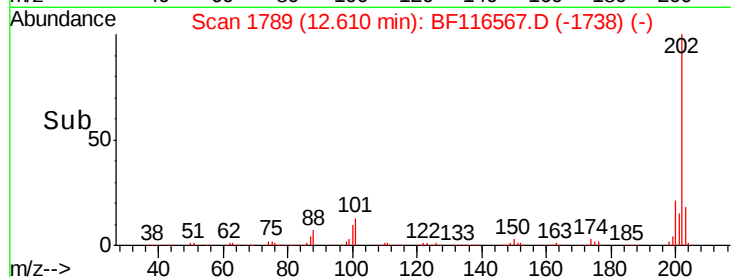
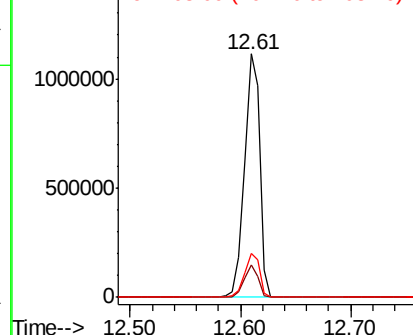


Abundance

Ion 202.00 (201.70 to 202.70): E

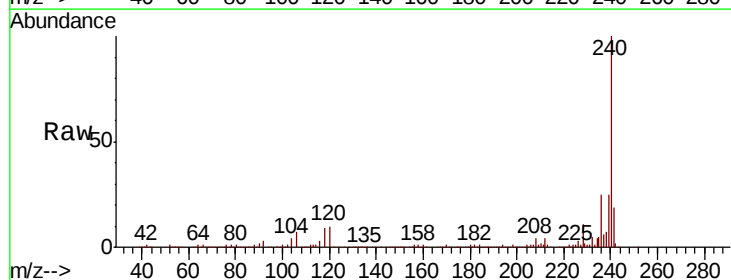
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	353544		
120	10.4		10.5	15.7#
236	25.2		20.2	30.2

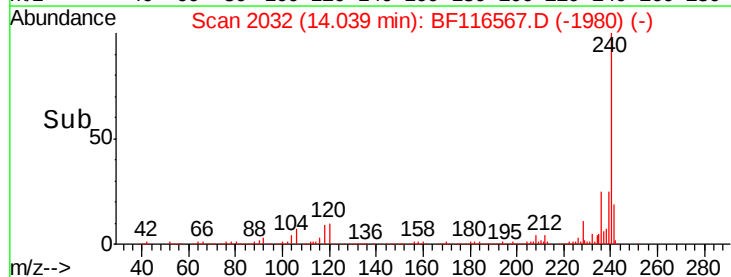
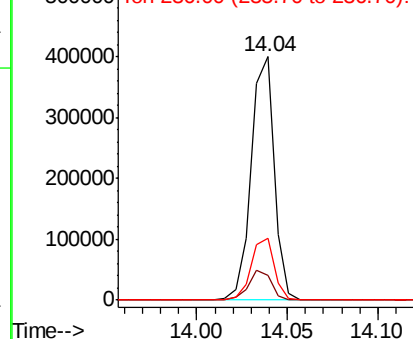


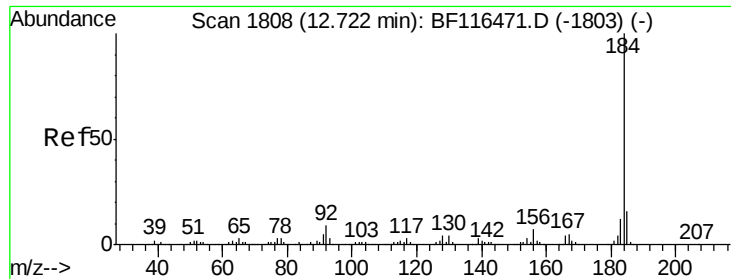
Abundance

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: 26.310 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

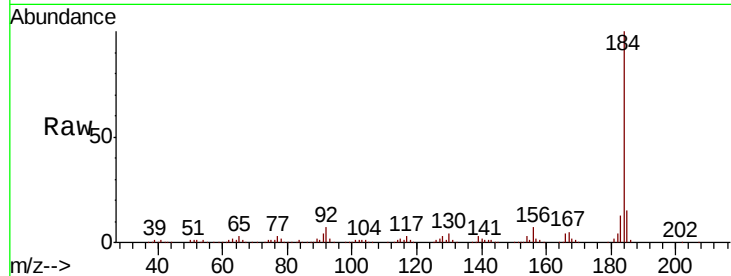
ClientSampleId :

PB122528BS

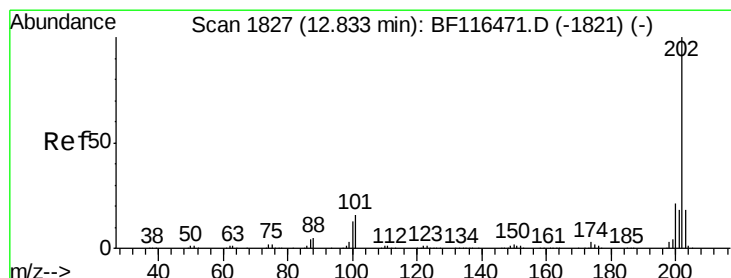
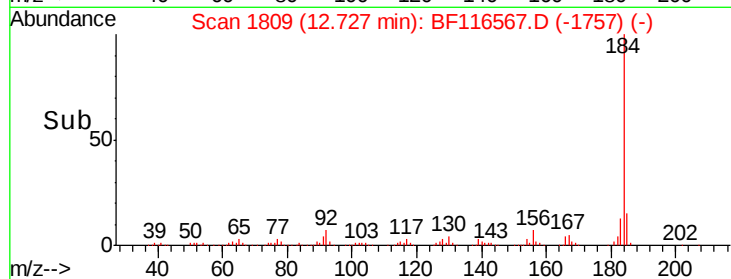
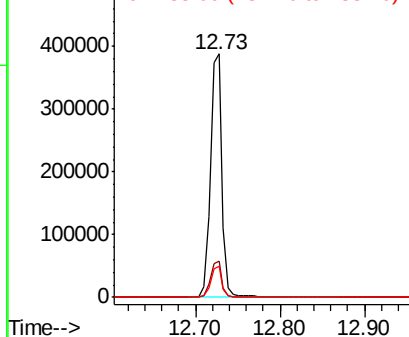
Tot Ion:	184	Resp:	374241
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.4
183	12.7	9.8	14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.994 ng

RT: 12.84 min Scan# 1828

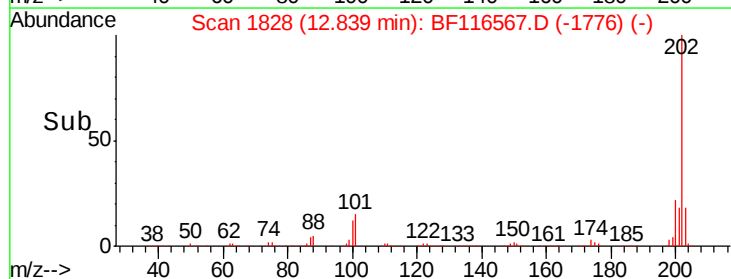
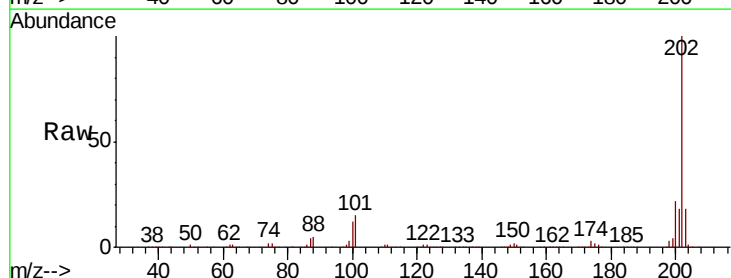
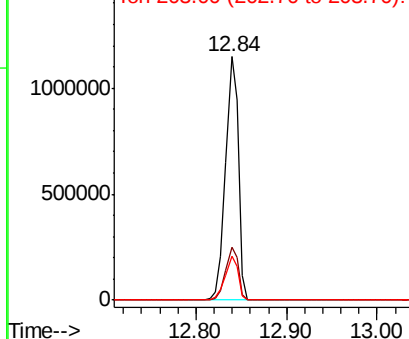
Delta R.T. 0.01 min

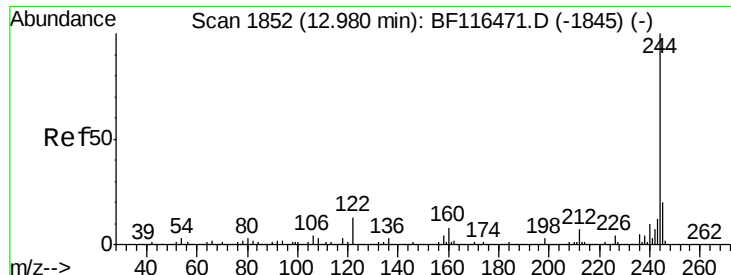
Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	202	Resp:	1102476
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.4
203	18.2	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





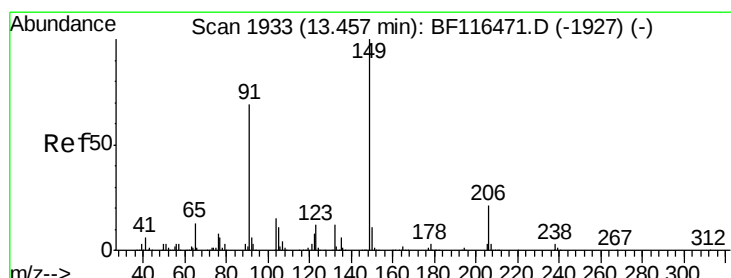
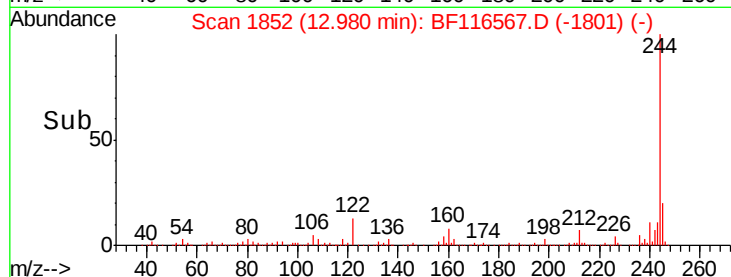
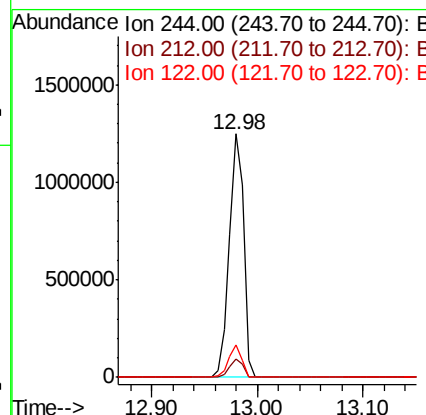
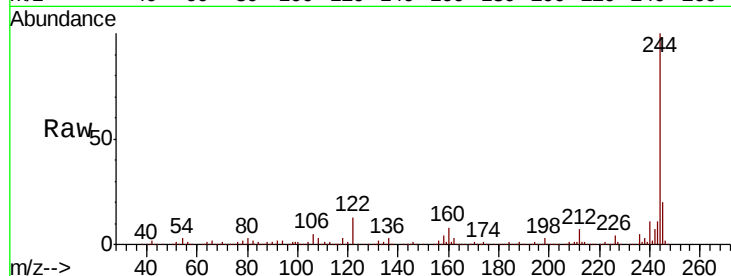
#79
 Terphenyl-d14
 Concen: 62.588 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	13.2	10.2	15.4

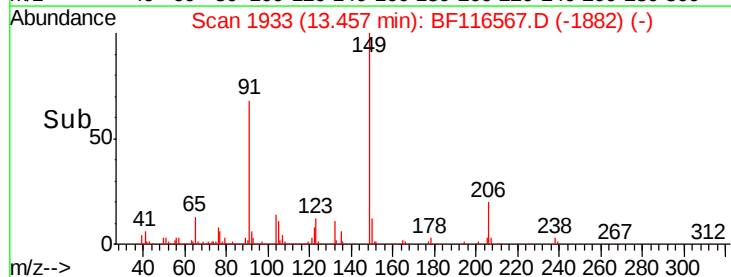
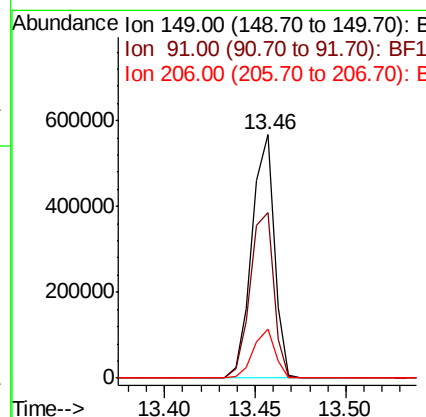
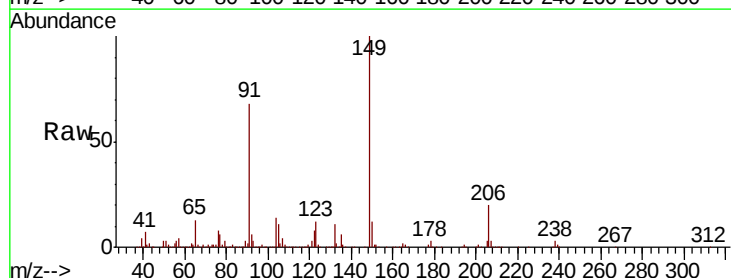
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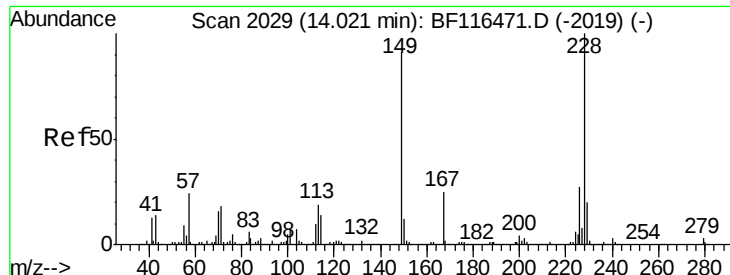
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#80
 Butylbenzylphthalate
 Concen: 40.288 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.9	82.3
206	20.2	16.6	24.8





#81

Benzo(a)anthracene

Concen: 37.532 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

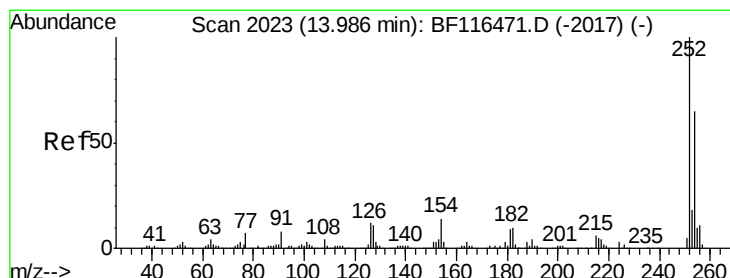
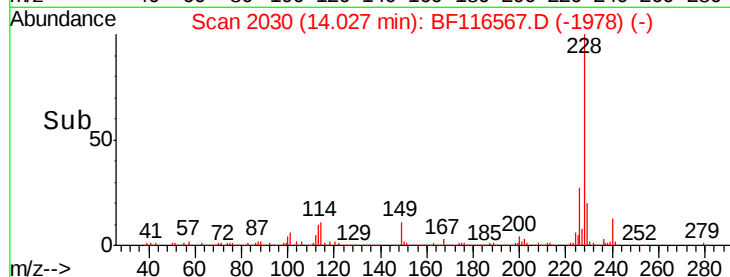
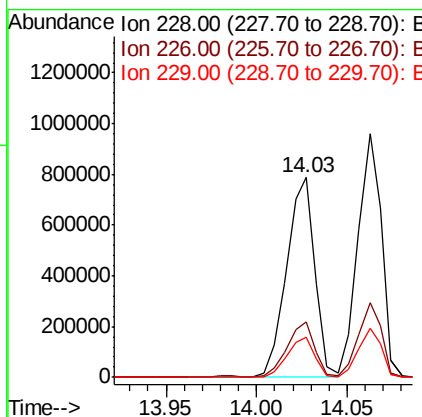
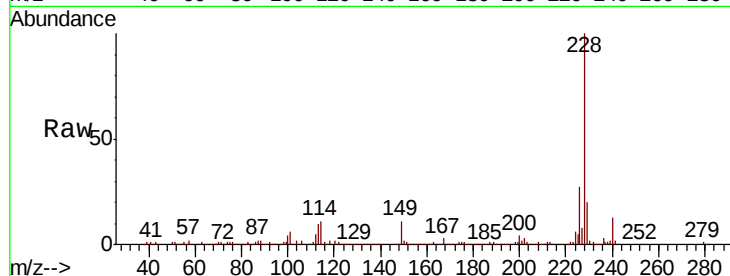
ClientSampleId :

PB122528BS

Tot Ion:	228	Resp:	859407
Ion Ratio	Lower	Upper	
228	100		
226	27.5	21.8	32.6
229	20.1	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 33.233 ng

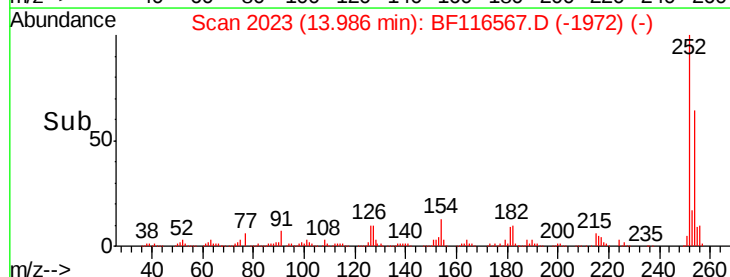
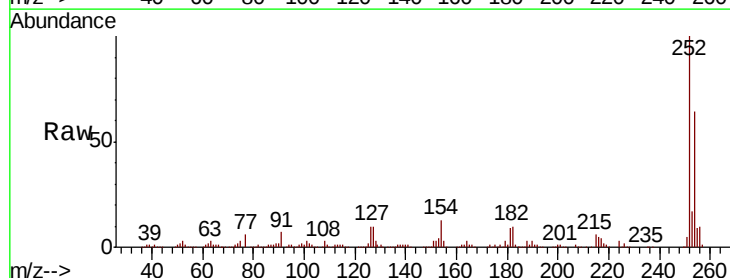
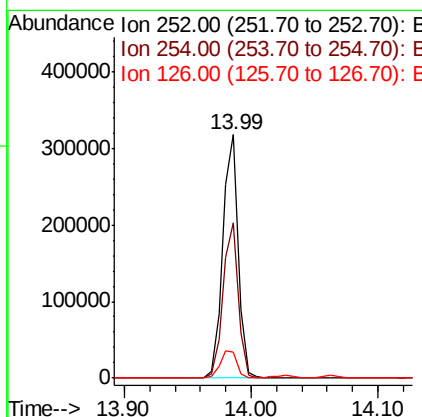
RT: 13.99 min Scan# 2023

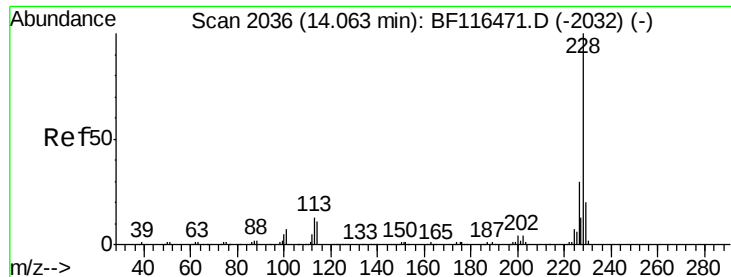
Delta R.T. -0.00 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	252	Resp:	271178
Ion Ratio	Lower	Upper	
252	100		
254	63.6	51.9	77.9
126	10.5	9.4	14.0





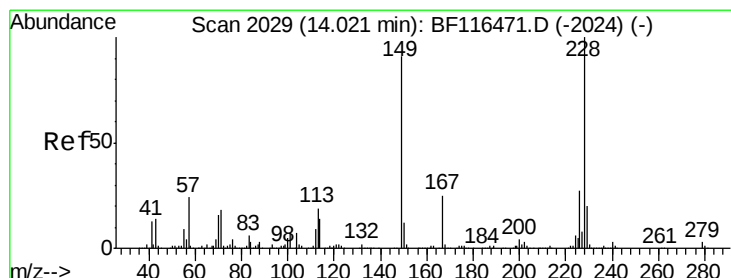
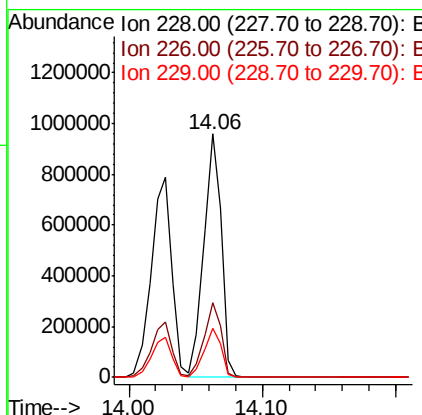
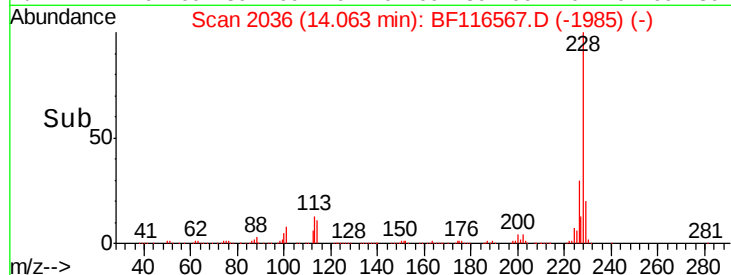
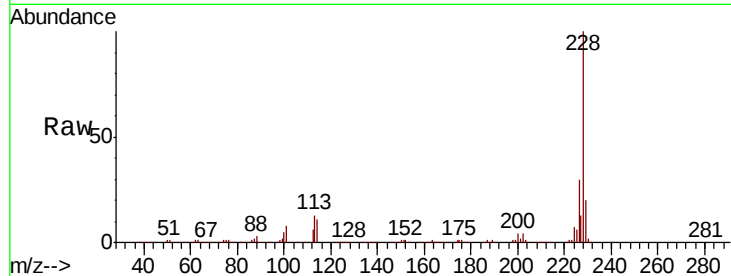
#83
 Chrvsene
 Concen: 37.372 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB122528BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.9	15.8	23.6

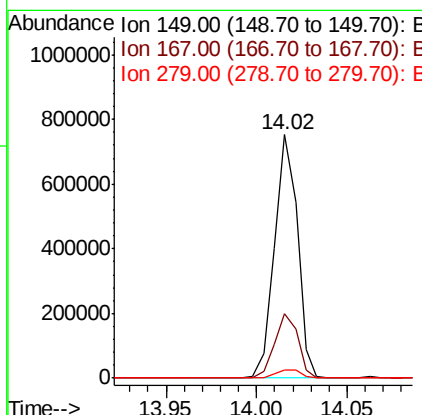
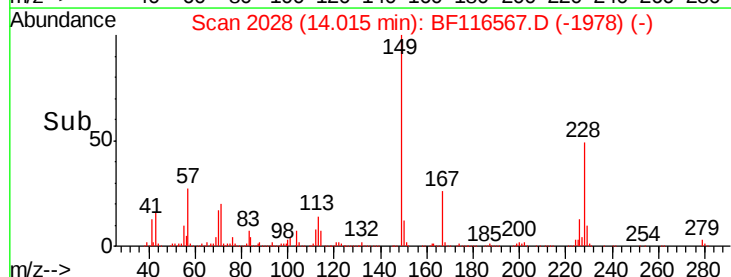
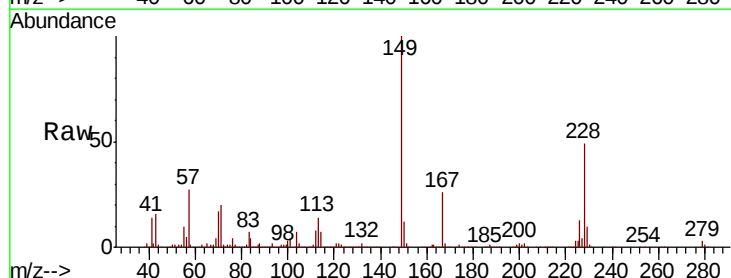
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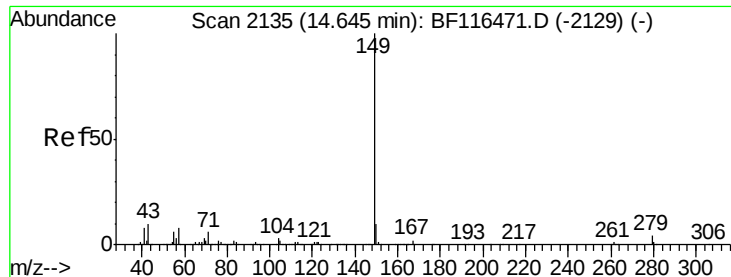
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.719 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116567.D
 Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.6
279	3.4	3.0	4.4





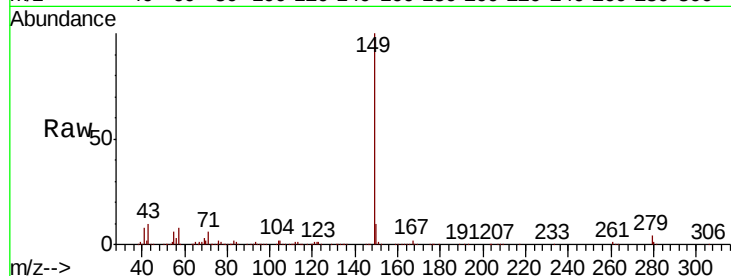
#85
Di-n-octyl phthalate
Concen: 38.820 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.8	11.8

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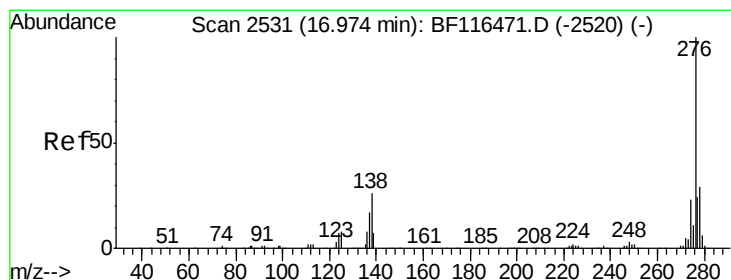
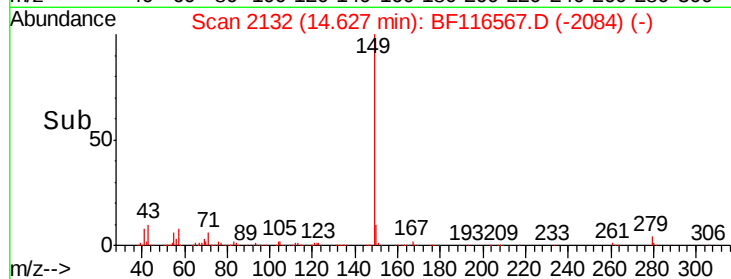
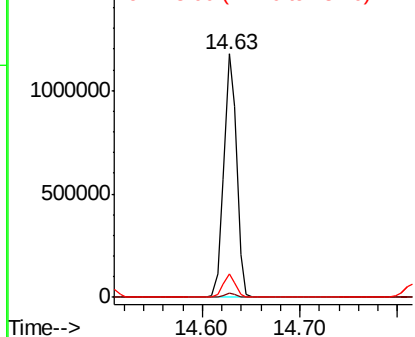


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.626 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

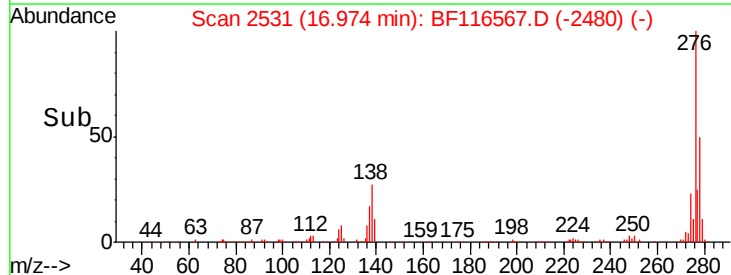
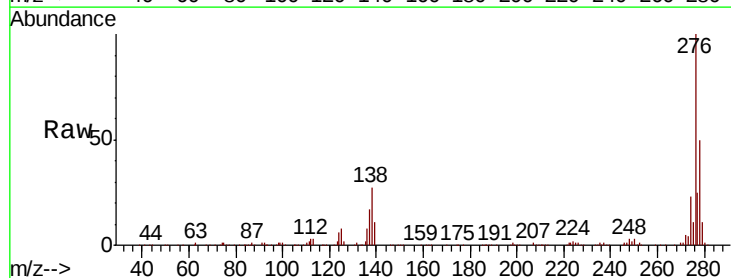
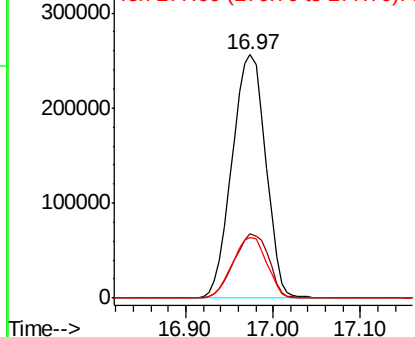
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.9	34.3
277	25.5	19.9	29.9

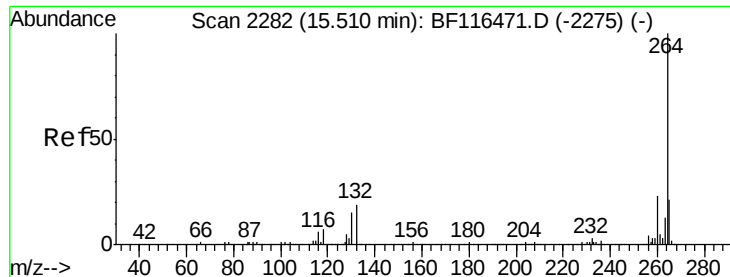
Abundance

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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Instrument :

BNA_F

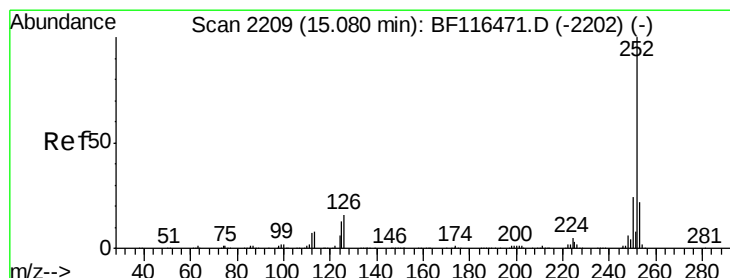
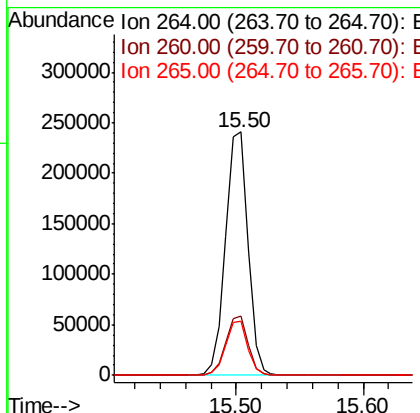
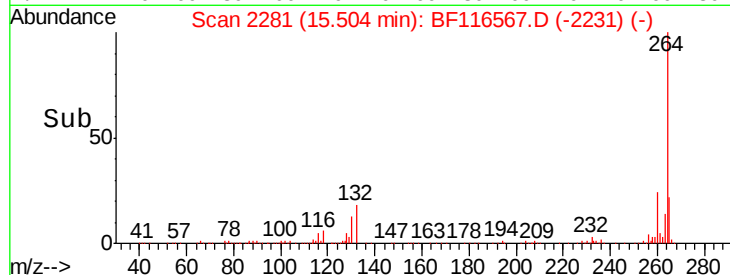
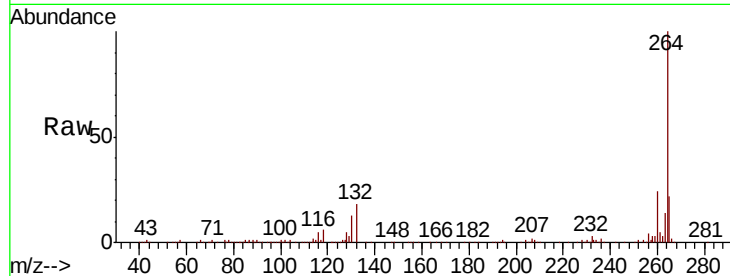
ClientSampleId :

PB122528BS

Tot Ion:	264	Resp:	295591
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	22.0	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 45.010 ng

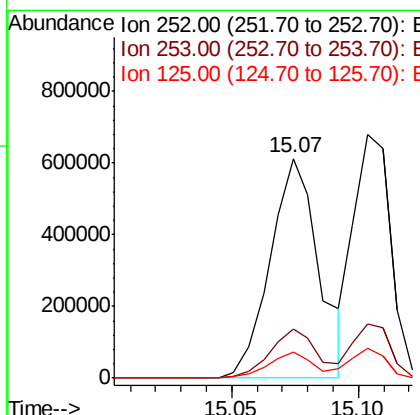
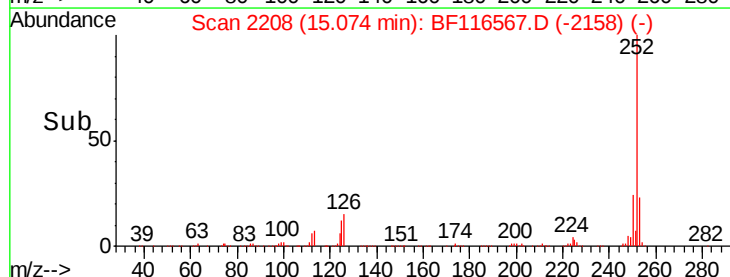
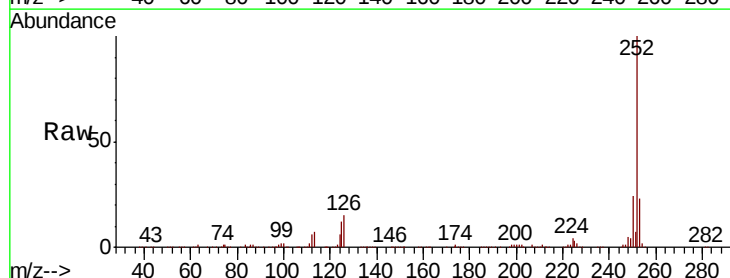
RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF116567.D

Acq: 26 Aug 2019 11:51

Tgt Ion:	252	Resp:	821894
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	11.6	10.1	15.1





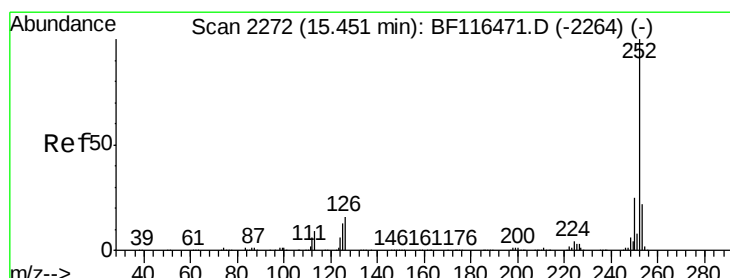
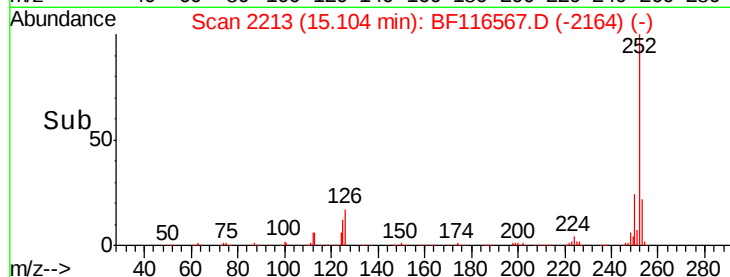
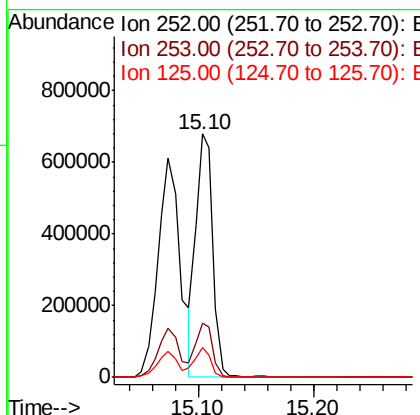
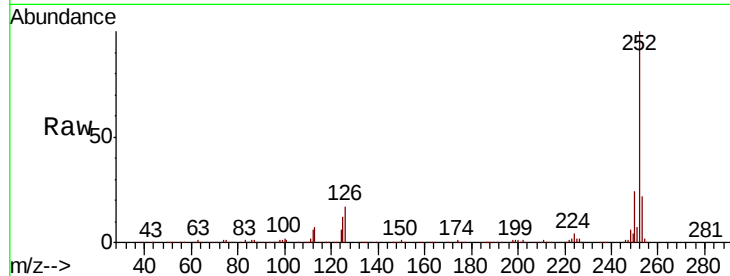
#89
Benzo(k)fluoranthene
Concen: 42.178 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	697735		
253	22.4		17.4	26.2
125	12.1		9.1	13.7

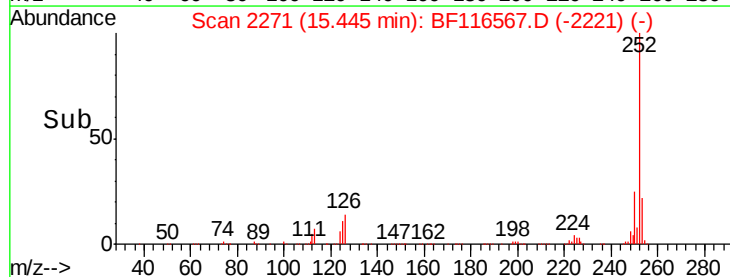
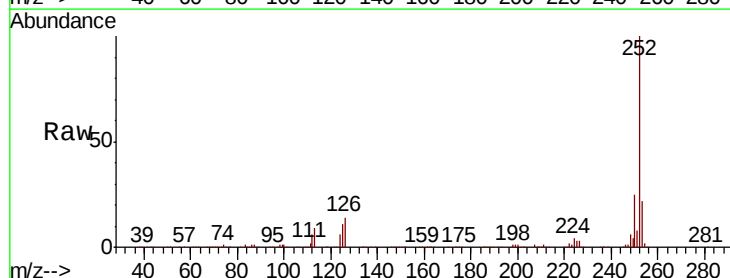
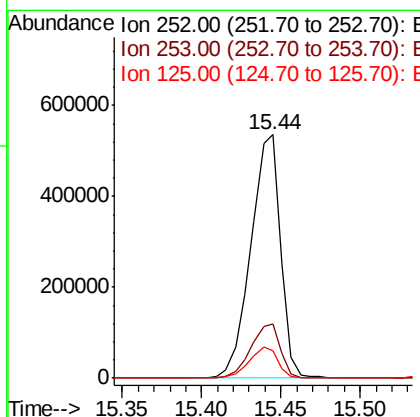
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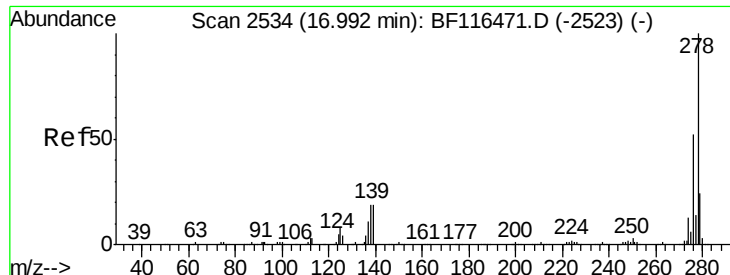
Jagrut
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#90
Benzo(a)pyrene
Concen: 43.312 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	698991		
253	22.4		17.2	25.8
125	11.4		10.2	15.4





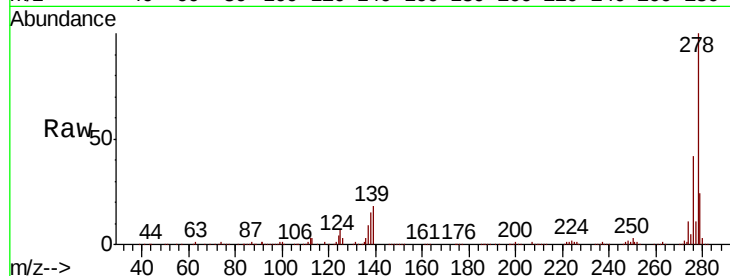
#91
Dibenzo(a,h)anthracene
Concen: 42.680 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Instrument :
BNA_F
ClientSampleId :
PB122528BS

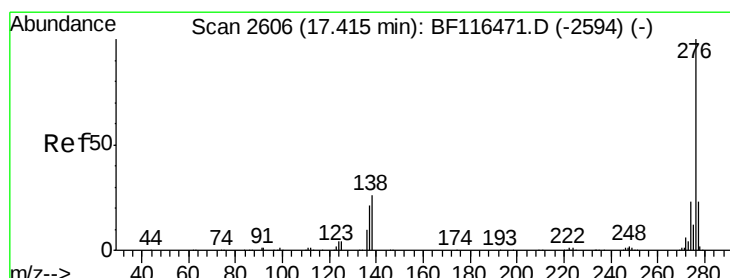
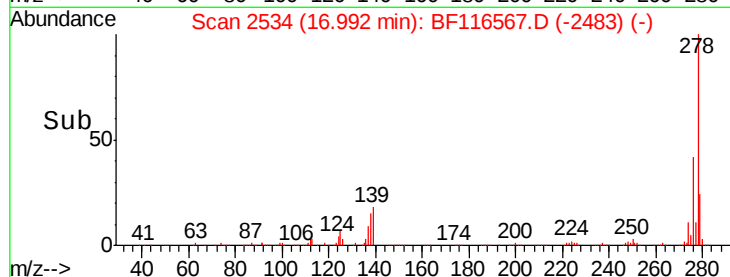
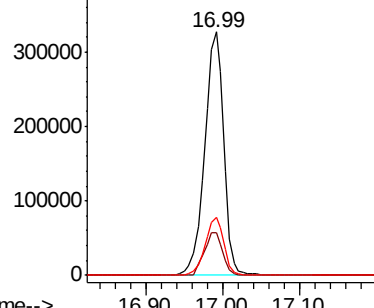
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.3	22.9
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Jagrut
8/27/2019 10:30:21 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.621 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF116567.D
Acq: 26 Aug 2019 11:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.7	28.1
138	22.9	20.8	31.2

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

