

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116236.D
 Acq On : 13 Aug 2019 18:05
 Operator : HP/JU
 Sample : K4229-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(1)-COMP

Quant Time: Aug 13 23:19:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

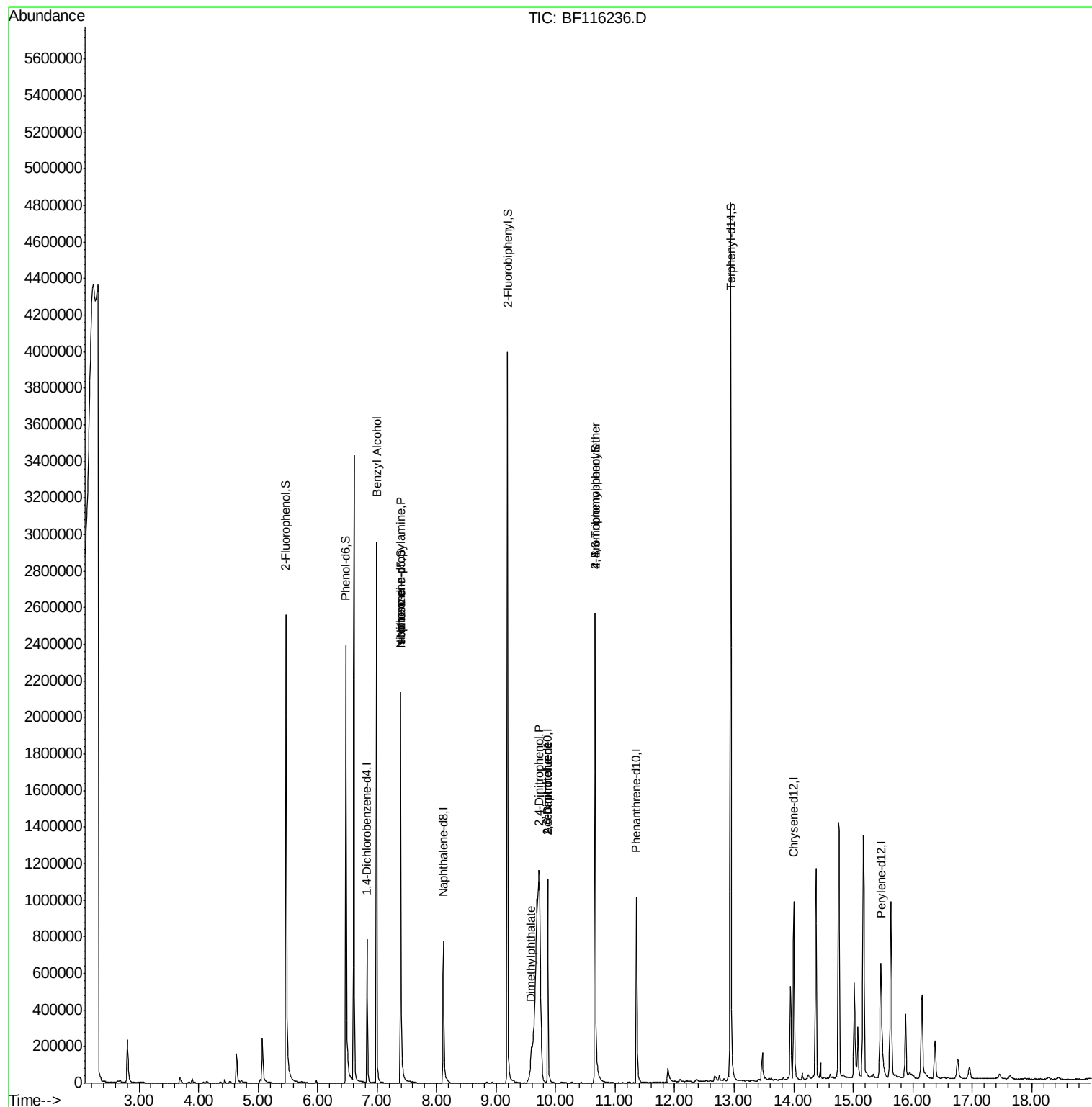
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110929	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	426282	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	239595	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	453668	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	403616	20.00	ng	0.00
87) Perylene-d12	15.47	264	371759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907534	136.96	ng	0.00
7) Phenol-d6	6.47	99	1067295	127.66	ng	-0.01
23) Nitrobenzene-d5	7.40	82	859175	116.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	407174	175.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1425692	111.46	ng	-0.01
79) Terphenyl-d14	12.94	244	1826481	95.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	13168	2.075	ng	# 43
19) n-Nitroso-di-n-propylamine	7.40	70	112442	21.704	ng	# 79
25) Isophorone	7.40	82	859170	60.843	ng	# 65
50) Dimethylphthalate	9.59	163	50885	3.119	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	30806	8.689	ng	# 29
54) 2,4-Dinitrophenol	9.72	184	27997	21.823	ng	# 25
57) 2,4-Dinitrotoluene	9.87	165	30806	6.526	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	25029	5.154	ng	# 1

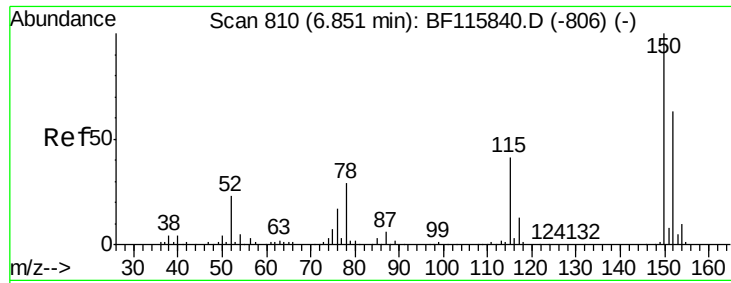
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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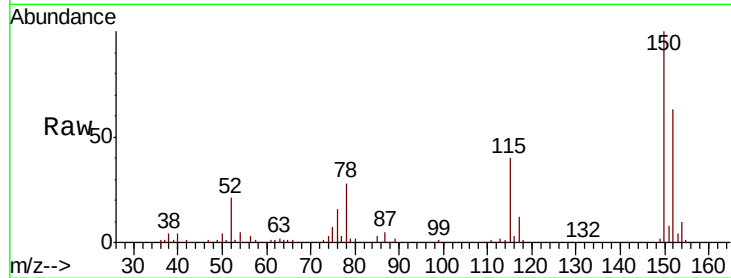


#1

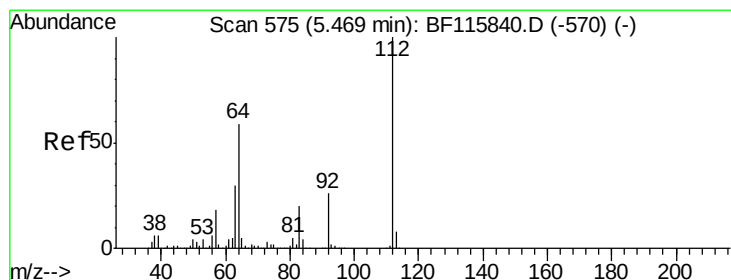
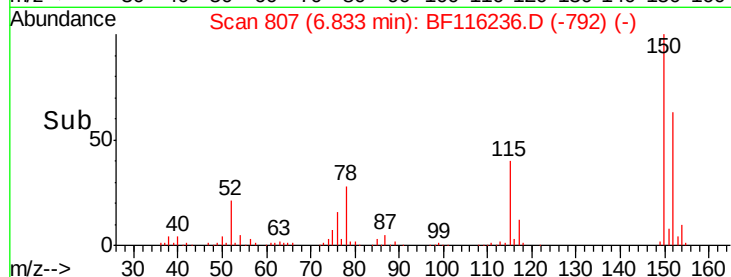
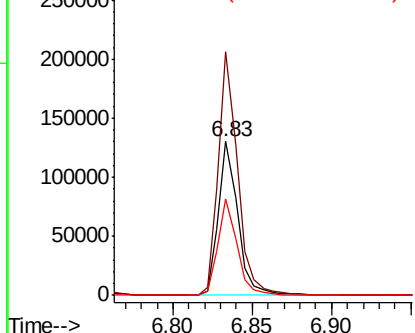
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(1)-COMP

Tgt Ion:152 Resp: 110929
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 62.9 49.9 74.9



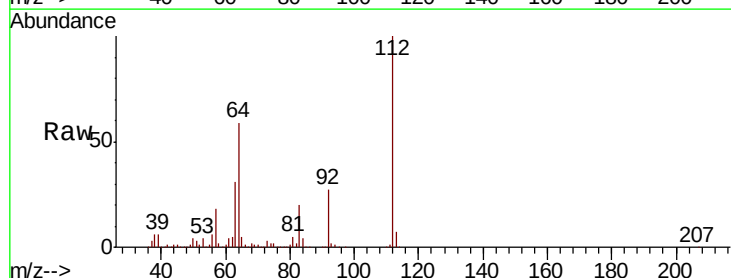
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



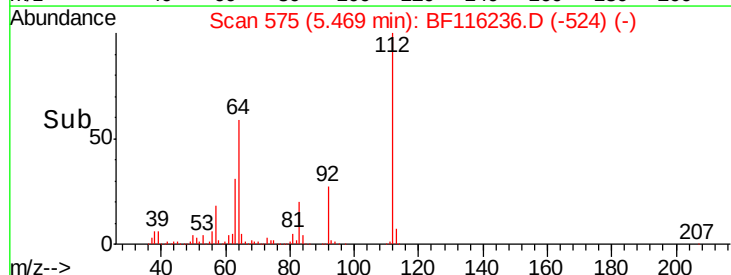
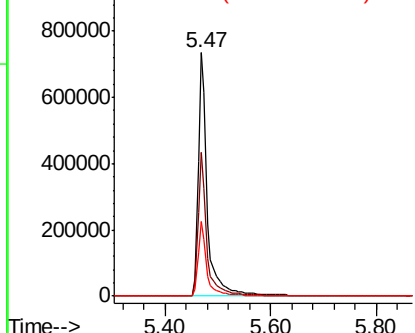
#5

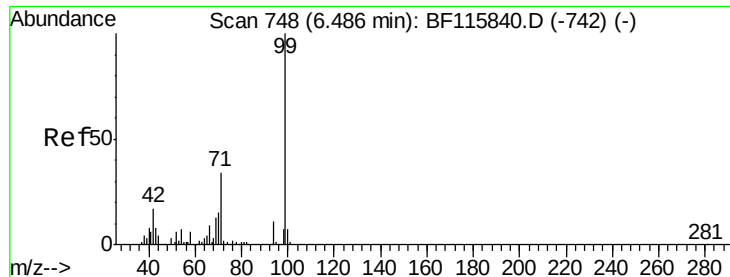
2-Fluorophenol
 Concen: 136.959 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion:112 Resp: 907534
 Ion Ratio Lower Upper
 112 100
 64 58.9 45.4 68.2
 63 30.6 23.7 35.5



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





#7

Phenol-d6

Concen: 127.662 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(1)-COMP

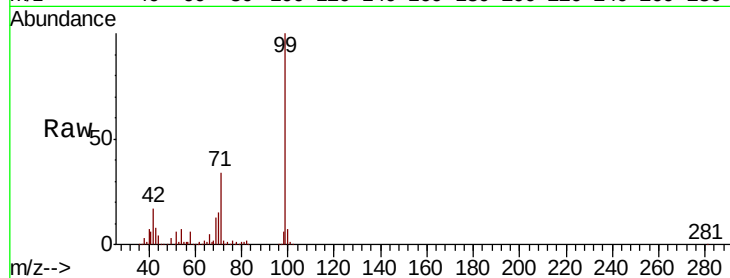
Tgt Ion: 99 Resp: 1067295

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

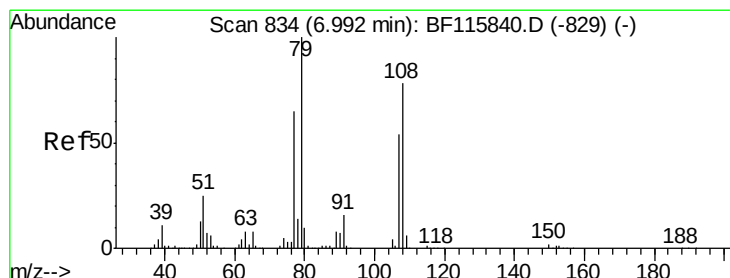
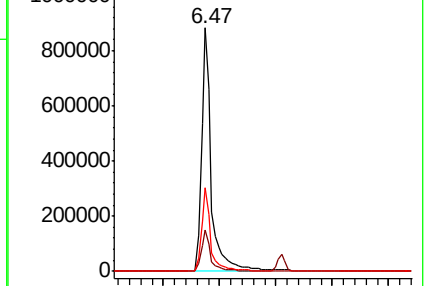
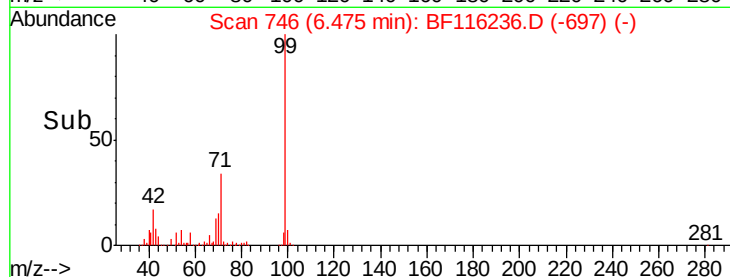
71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.075 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

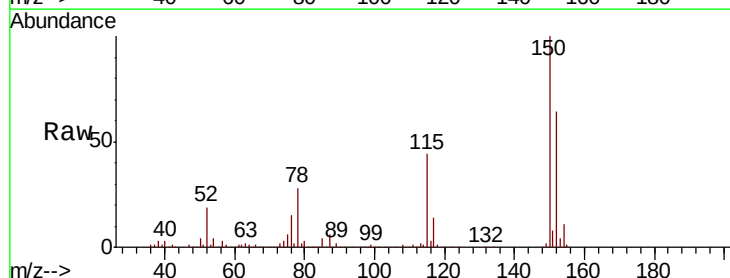
Tgt Ion: 79 Resp: 13168

Ion Ratio Lower Upper

79 100

108 36.3 62.7 94.1#

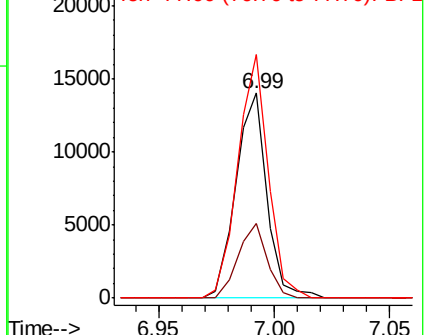
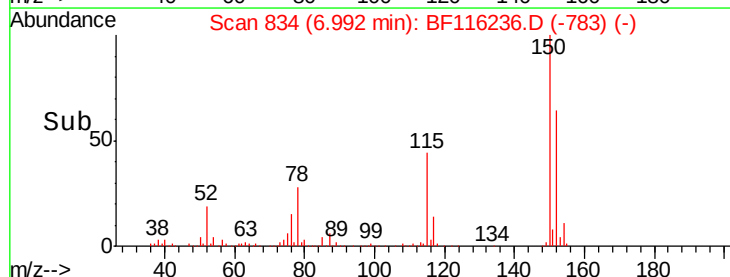
77 118.7 52.2 78.2#

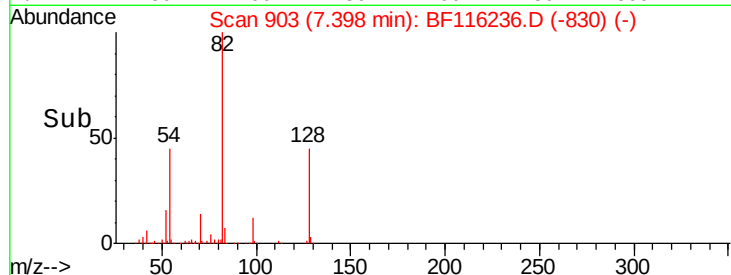
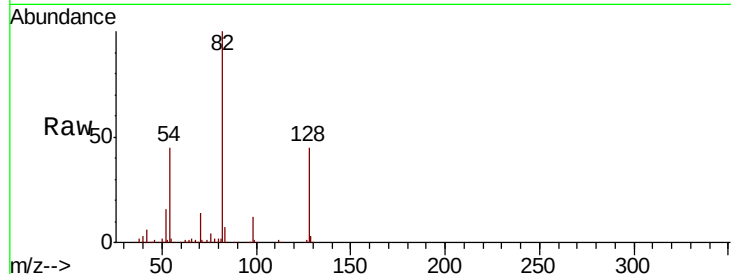
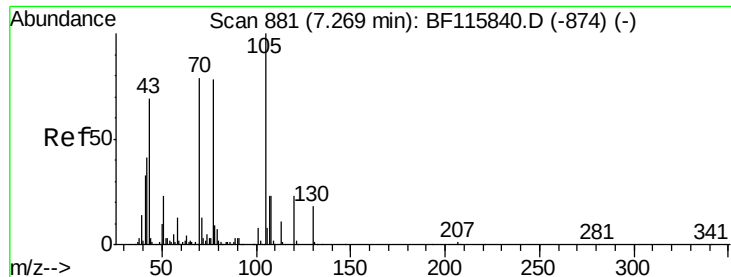


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

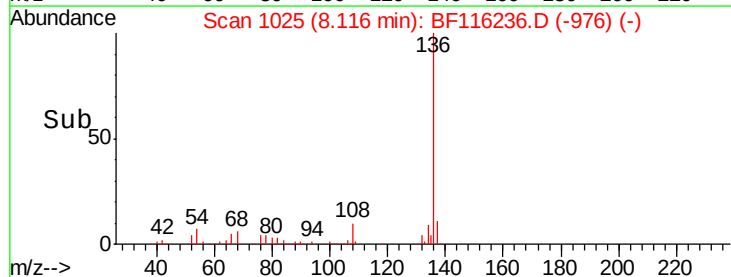
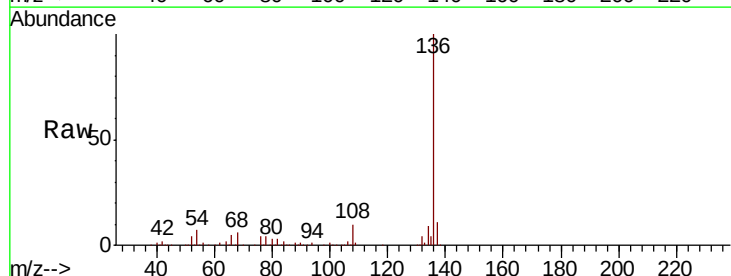
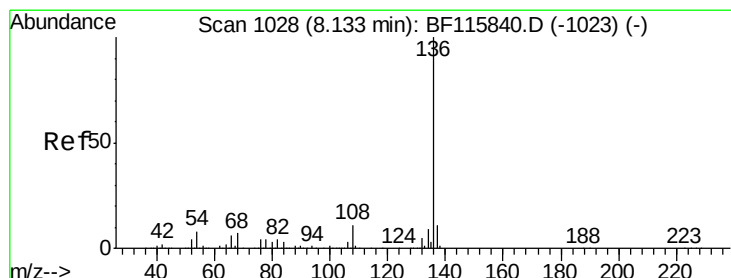
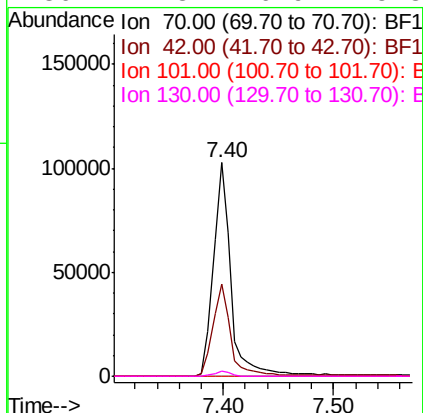




#19
n-Nitroso-di-n-propylamine
Concen: 21.704 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116236.D
Acq: 13 Aug 2019 18:05

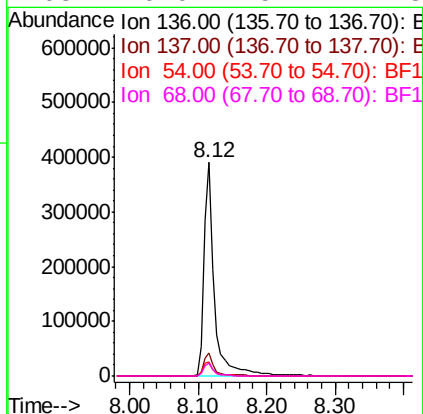
Instrument :
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2S-C1-C4-(1)-COMP

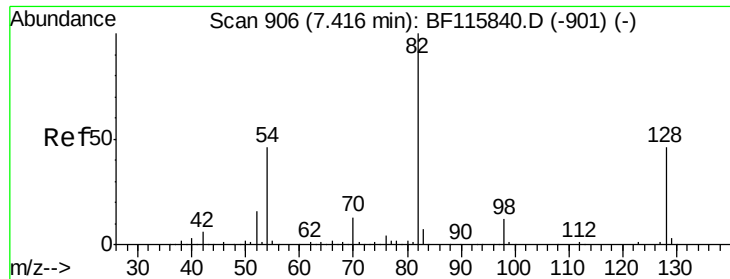
Tgt Ion:	70	Resp:	112442
Ion	Ratio	Lower	Upper
70	100		
42	43.3	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116236.D
Acq: 13 Aug 2019 18:05

Tgt Ion:	136	Resp:	426282
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.2	7.8

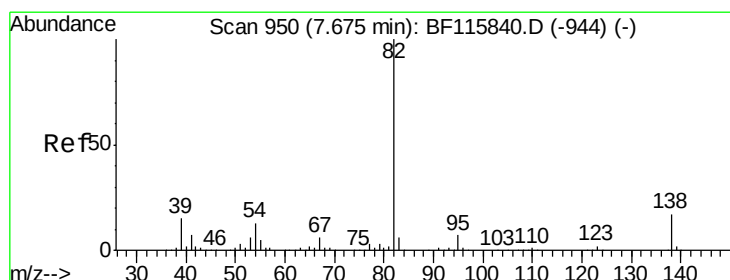
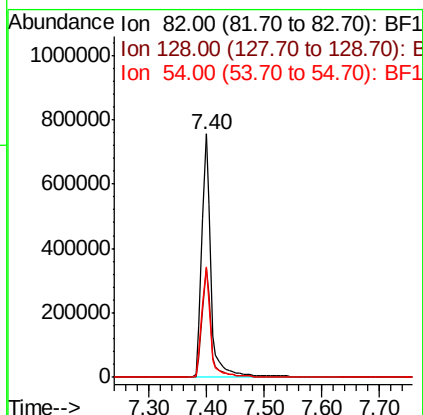
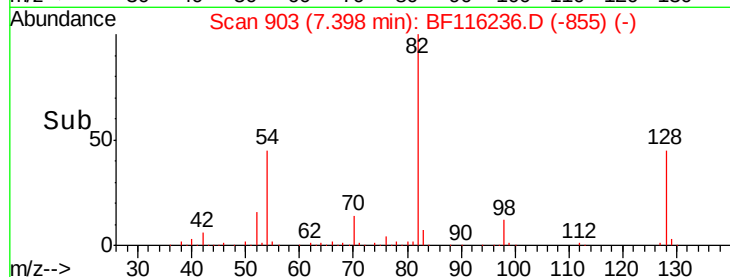
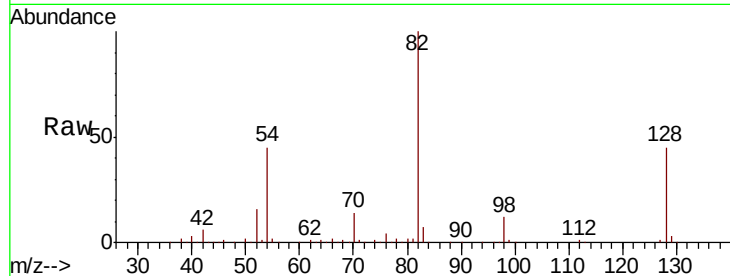




#23
 Nitrobenzene-d5
 Concen: 116.341 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

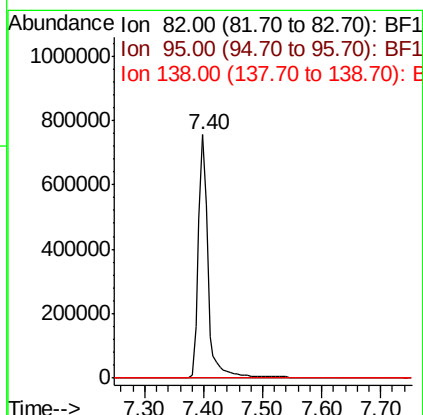
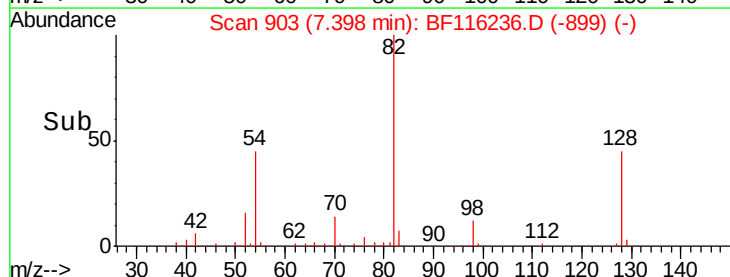
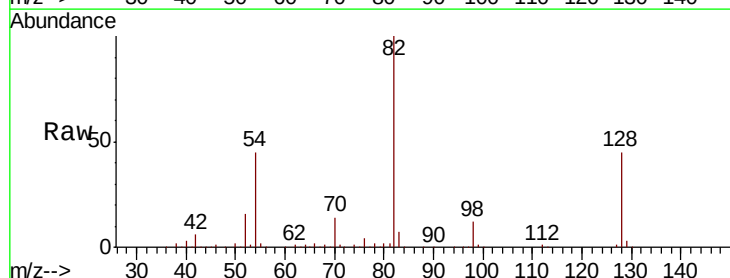
Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(1)-COMP

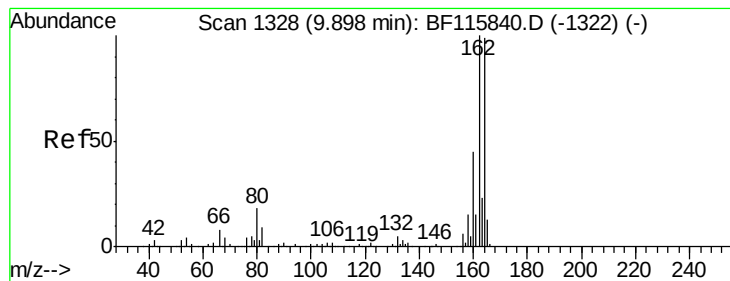
Tgt Ion: 82 Resp: 859175
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 45.2 36.0 54.0



#25
 Isophorone
 Concen: 60.843 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion: 82 Resp: 859170
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

Instrument :

BNA_F

ClientSampleId :

2S-C1-C4-(1)-COMP

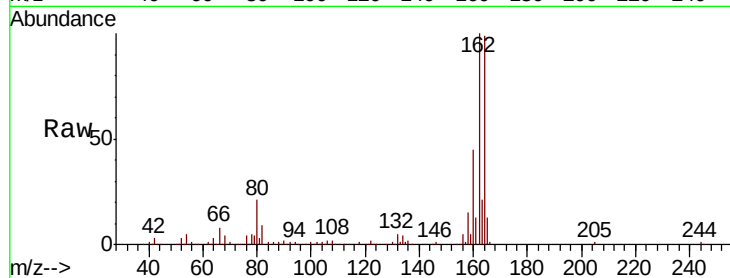
Tgt Ion:164 Resp: 239595

Ion Ratio Lower Upper

164 100

162 101.3 82.6 124.0

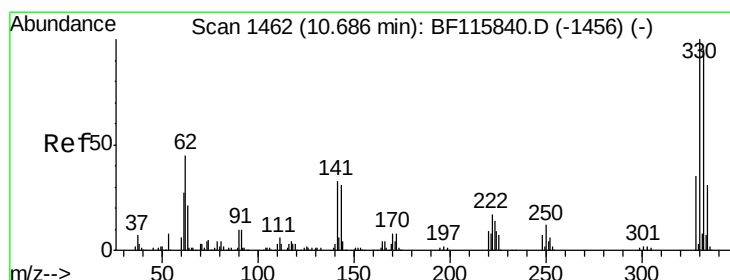
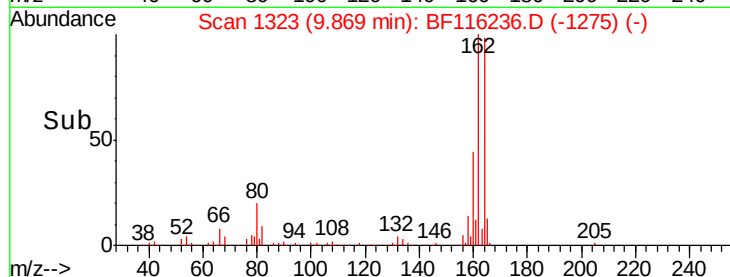
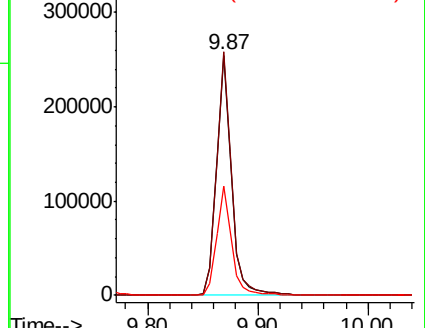
160 45.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 175.284 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

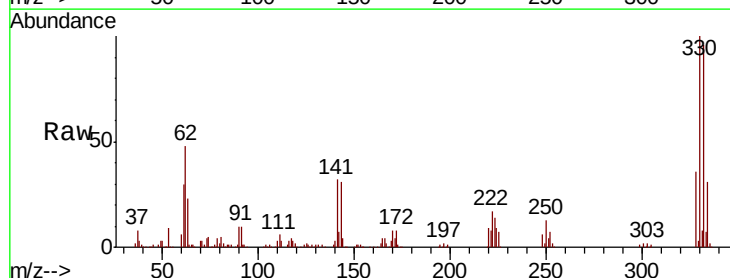
Tgt Ion:330 Resp: 407174

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

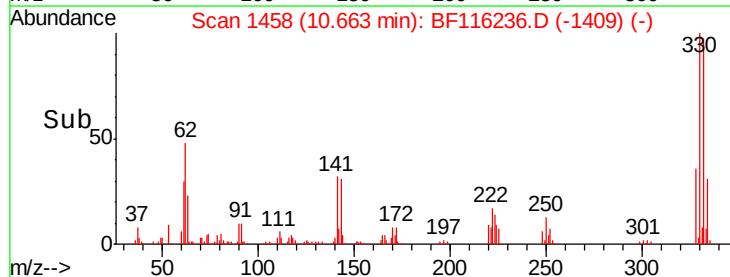
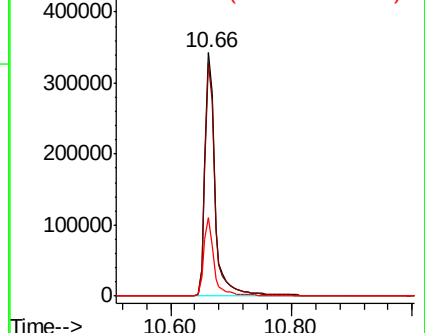
141 33.2 26.3 39.5

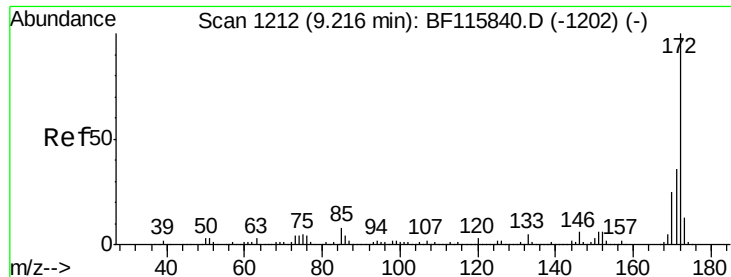


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

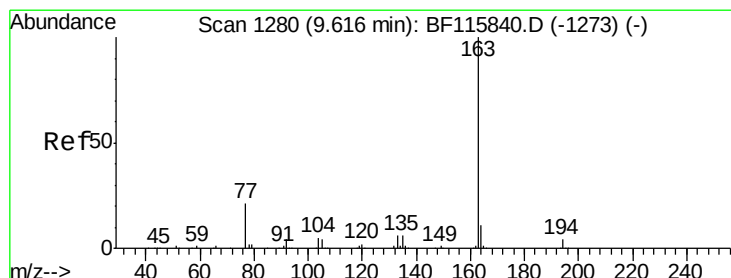
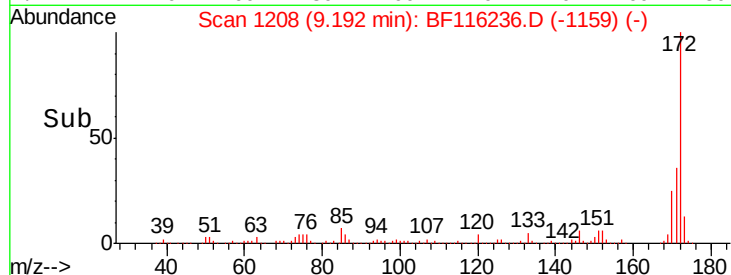
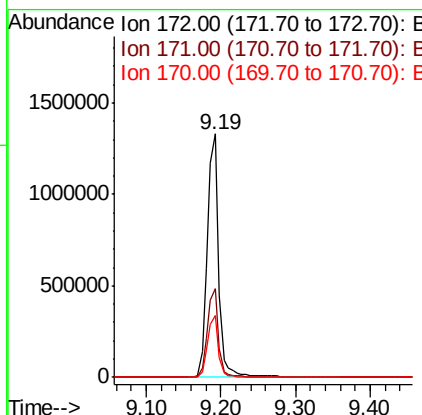
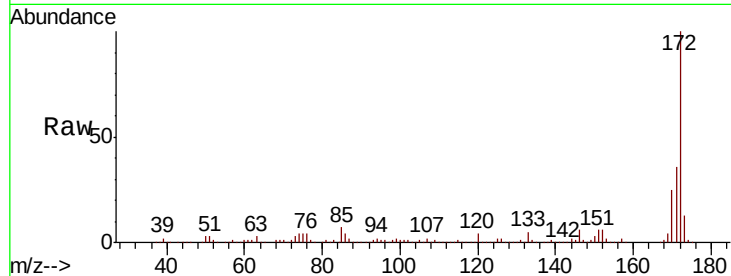




#45
 2-Fluorobiphenyl
 Concen: 111.456 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

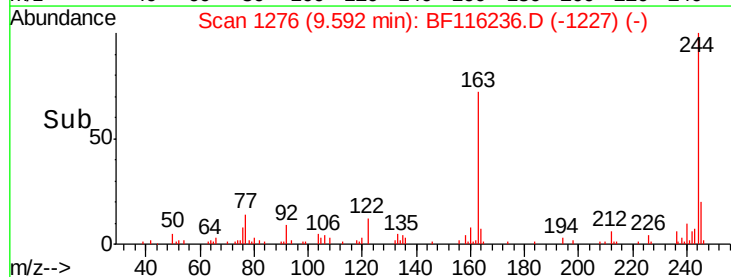
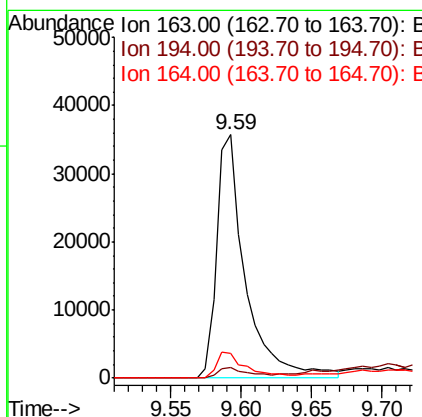
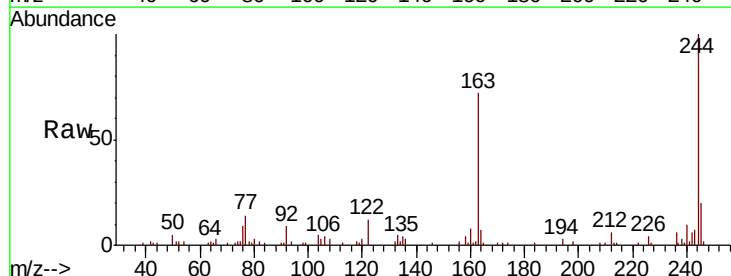
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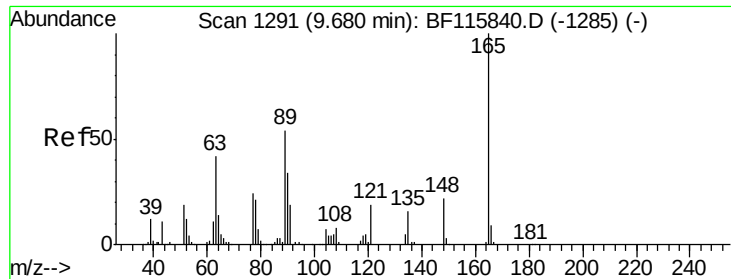
Tgt Ion:172 Resp: 1425692
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.2 20.1 30.1



#50
 Dimethylphthalate
 Concen: 3.119 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion:163 Resp: 50885
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.0 4.6
 164 10.3 8.4 12.6

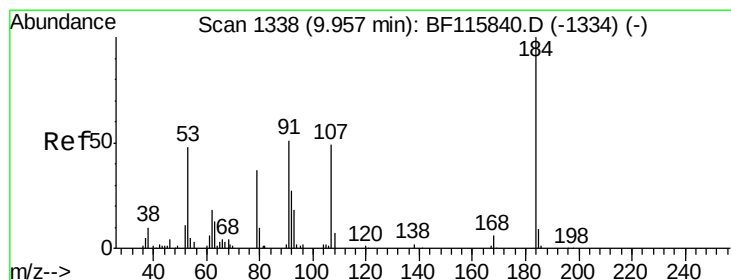
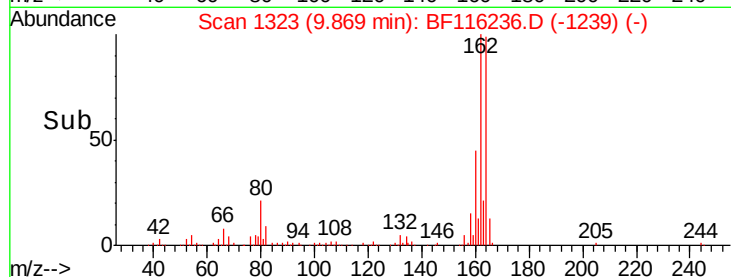
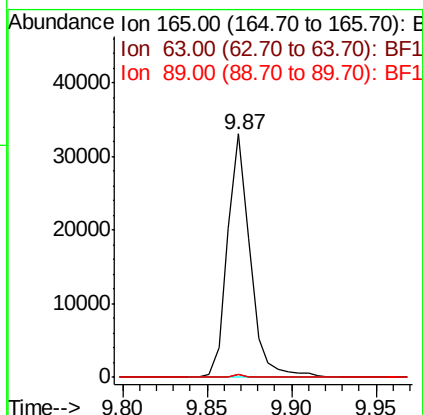
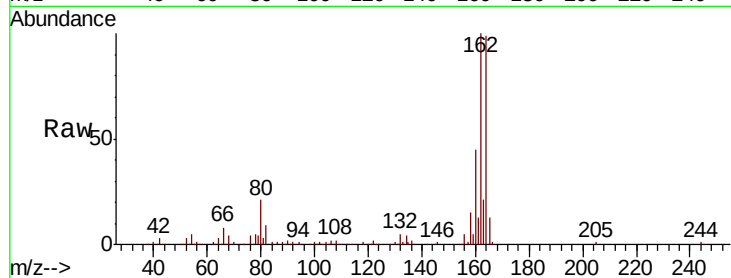




#51
 2,6-Dinitrotoluene
 Concen: 8.689 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

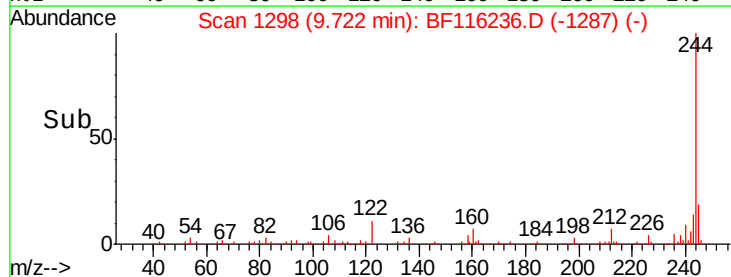
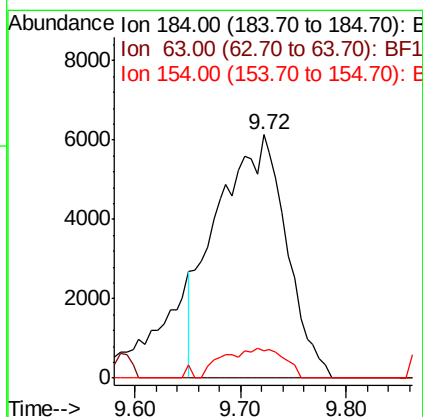
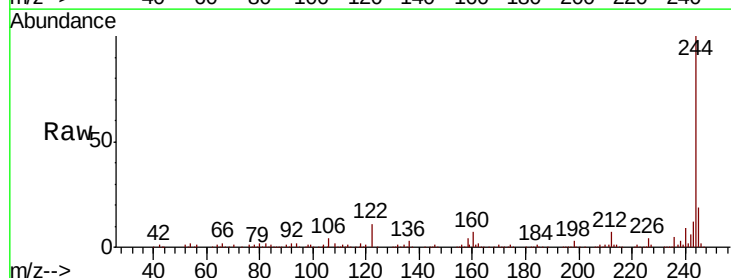
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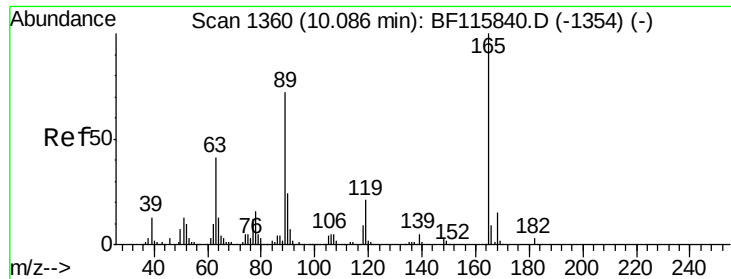
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.4	42.9	64.3#



#54
 2,4-Dinitrophenol
 Concen: 21.823 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.24 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	53.0	79.4#
154	11.0	50.1	75.1#

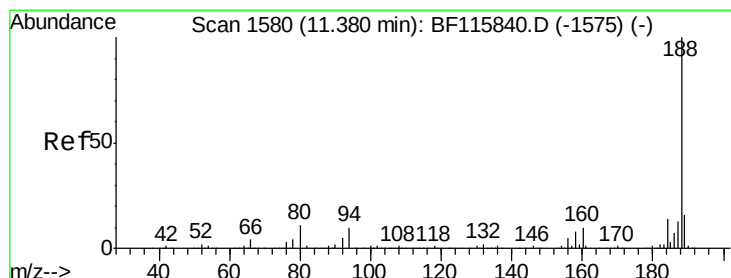
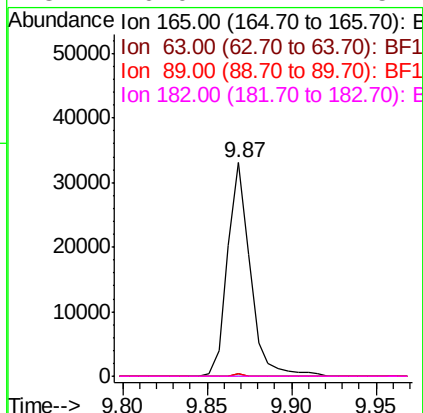
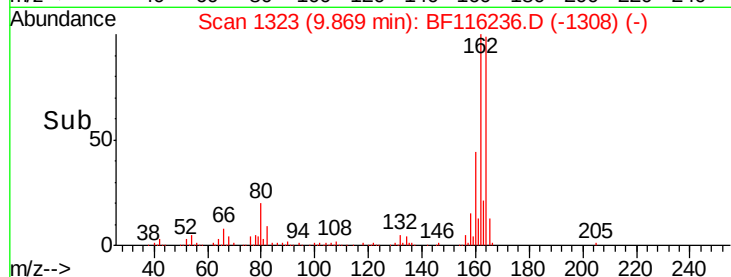
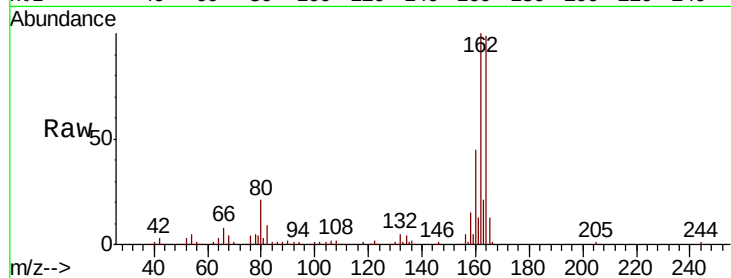




#57
 2,4-Dinitrotoluene
 Concen: 6.526 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

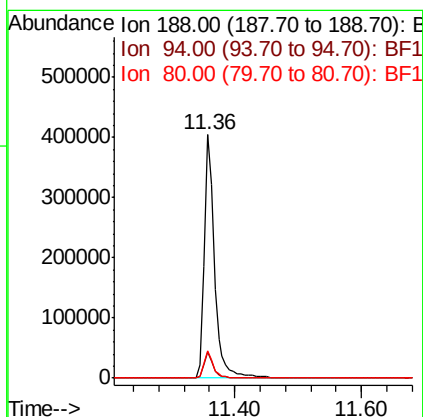
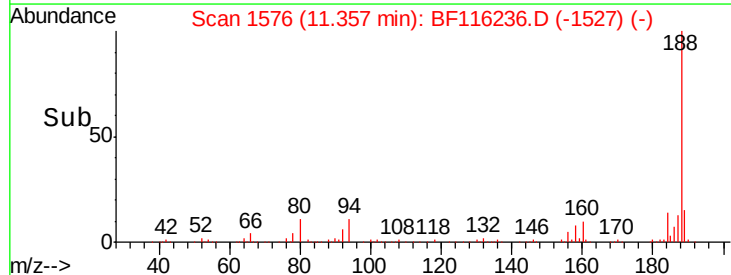
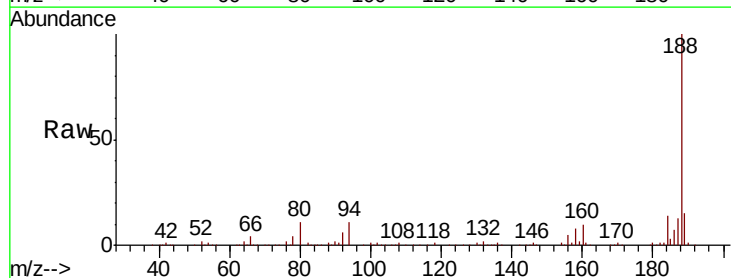
Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(1)-COMP

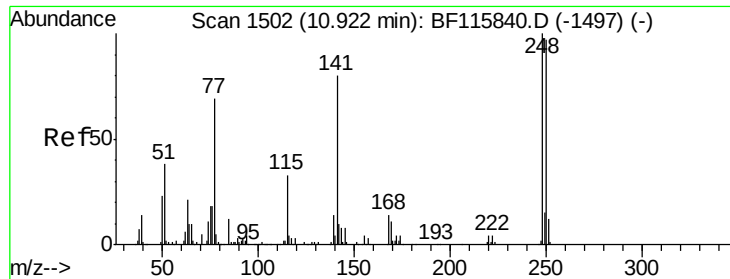
Tgt Ion:165 Resp: 30806
 Ion Ratio Lower Upper
 165 100
 63 1.2 39.6 59.4#
 89 1.4 62.2 93.2#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion:188 Resp: 453668
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.1 12.1
 80 11.2 8.7 13.1

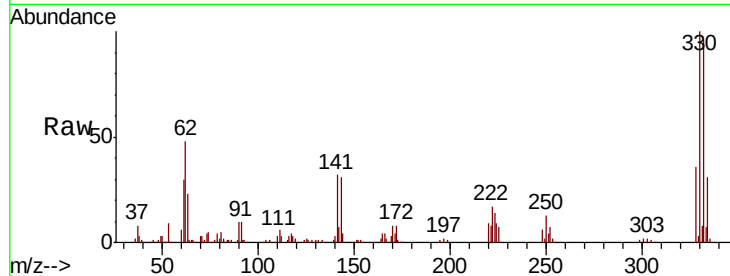




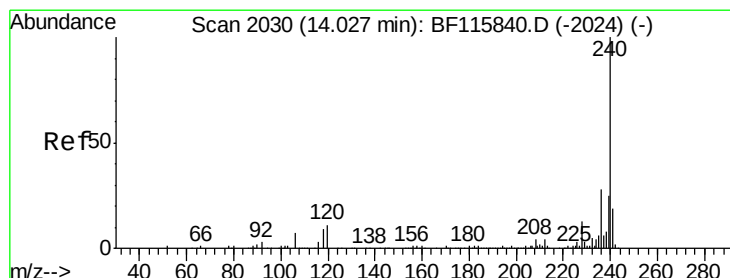
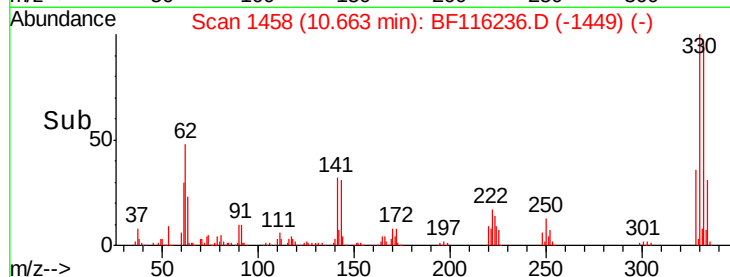
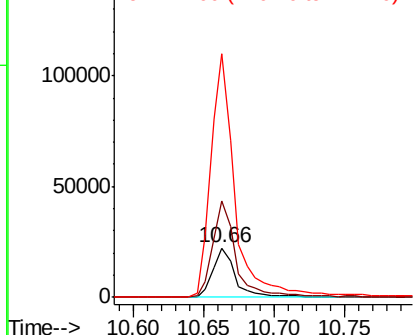
#67
 4-Bromophenyl-phenylether
 Concen: 5.154 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Instrument :
 BNA_F
 ClientSampleId :
 2S-C1-C4-(1)-COMP

Tgt Ion: 248 Resp: 25029
 Ion Ratio Lower Upper
 248 100
 250 196.2 77.4 116.2#
 141 494.4 56.8 85.2#

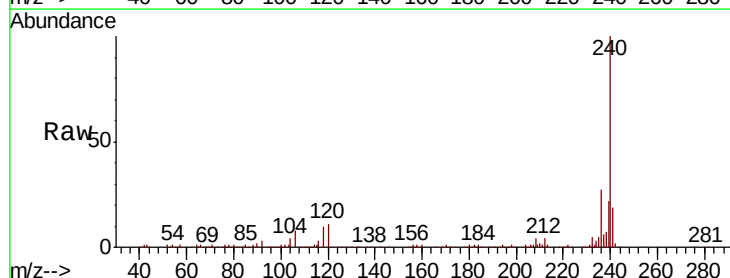


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

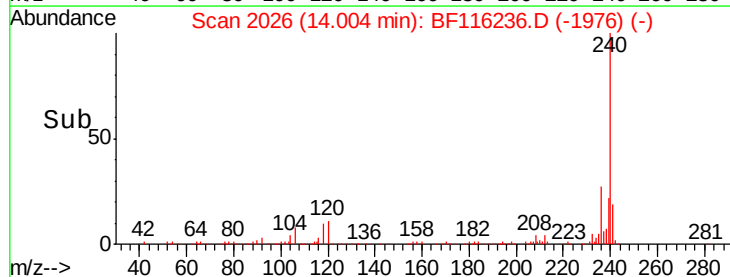
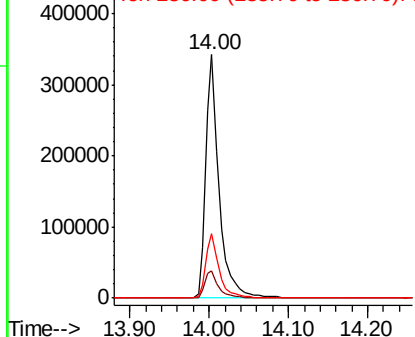


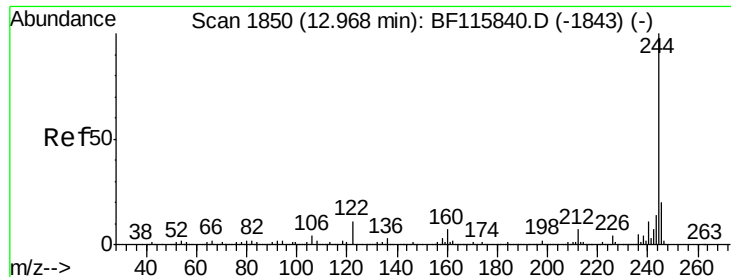
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116236.D
 Acq: 13 Aug 2019 18:05

Tgt Ion: 240 Resp: 403616
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.7 16.1
 236 26.7 22.2 33.2



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





#79

Terphenyl-d14

Concen: 95.355 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

Instrument :

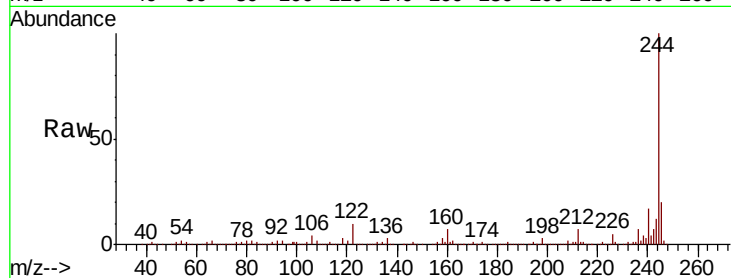
BNA_F

ClientSampleId :

2S-C1-C4-(1)-COMP

Tgt Ion:244 Resp: 1826481

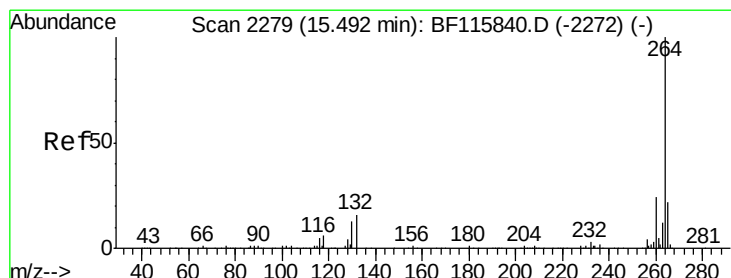
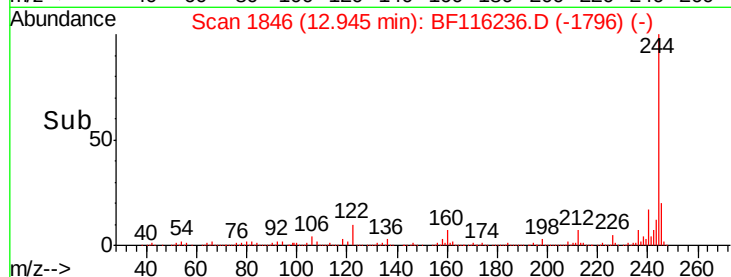
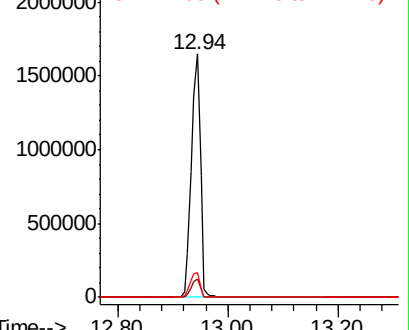
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.0	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

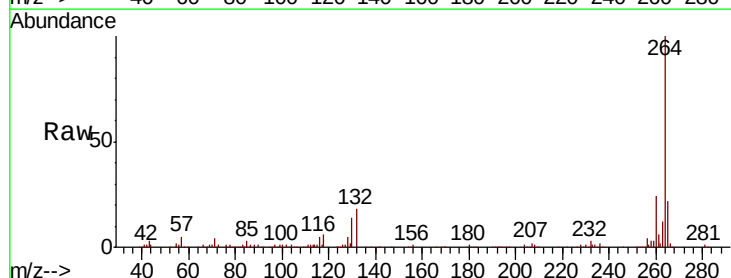
Delta R.T. -0.00 min

Lab File: BF116236.D

Acq: 13 Aug 2019 18:05

Tgt Ion:264 Resp: 371759

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.9	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

