

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116549.D
 Acq On : 26 Aug 2019 1:51
 Operator : HP/JU
 Sample : K4450-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:31:59 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

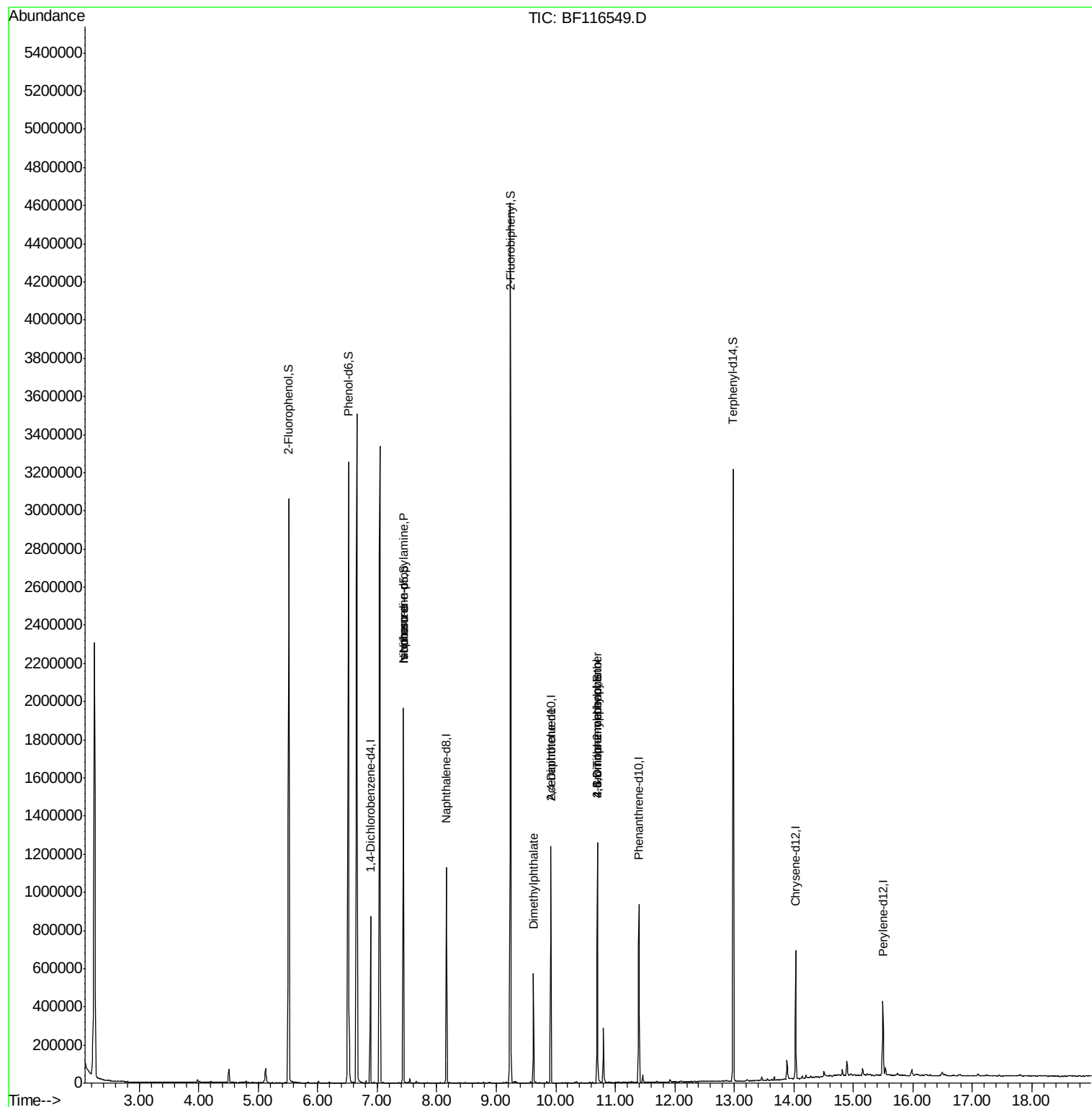
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133603	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	485748	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	224907	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	312101	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207633	20.00	ng	0.00
87) Perylene-d12	15.50	264	178335	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	908831	99.39	ng	0.02
7) Phenol-d6	6.52	99	1216320	108.49	ng	0.01
23) Nitrobenzene-d5	7.44	82	758963	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	132399	68.56	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1442339	103.28	ng	0.00
79) Terphenyl-d14	12.98	244	1100094	98.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	103116	13.479	ng	# 78
25) Isophorone	7.44	82	758945	43.376	ng	# 67
50) Dimethylphthalate	9.63	163	223112	14.218	ng	98
57) 2,4-Dinitrotoluene	9.92	165	28991	7.093	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	242	7.167	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	8400	2.567	ng	# 1

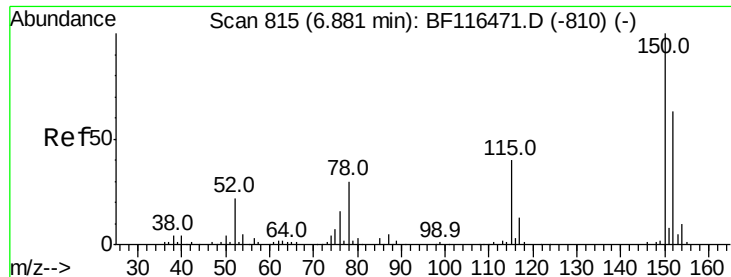
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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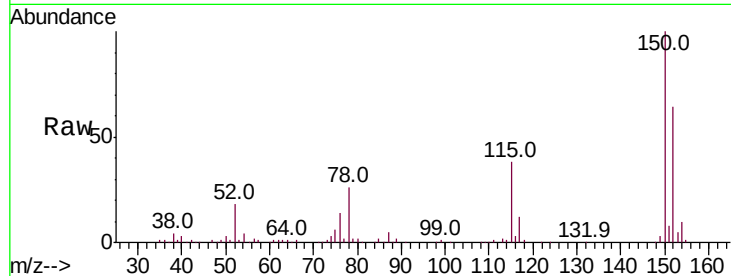


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.7	190.1
115	58.7	50.9	76.3

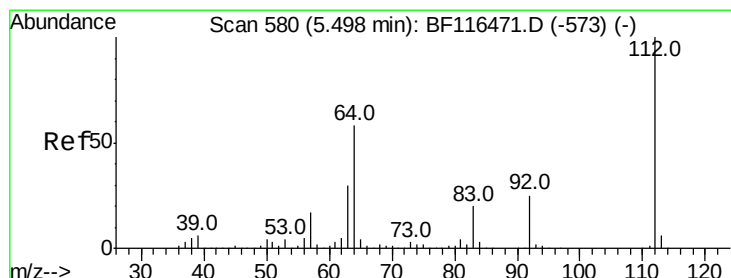
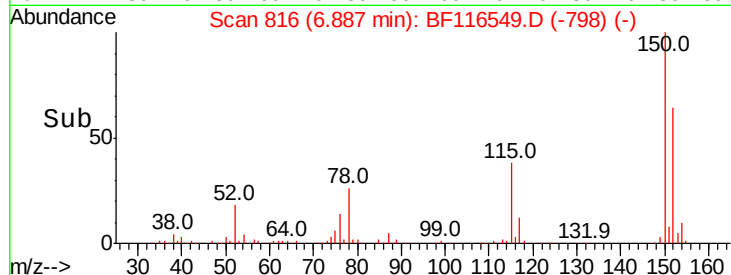
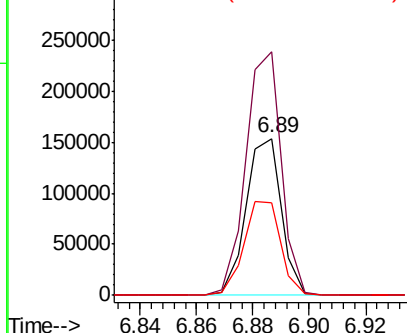


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

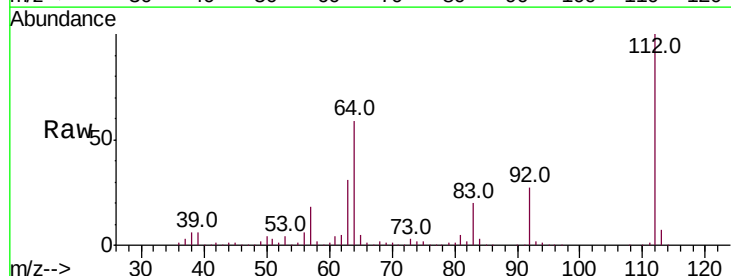
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 99.394 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.3	69.5
63	30.9	24.2	36.4

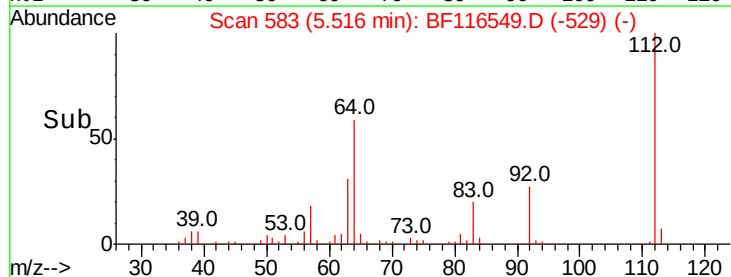
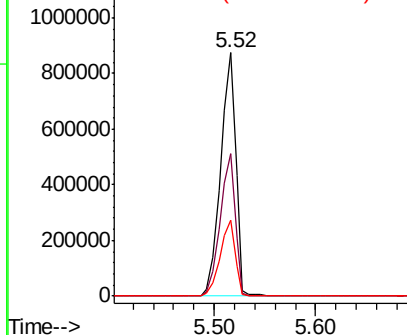


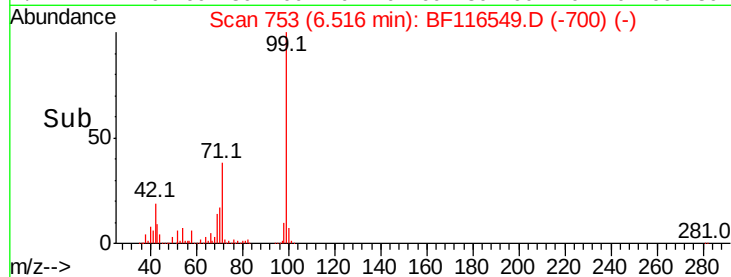
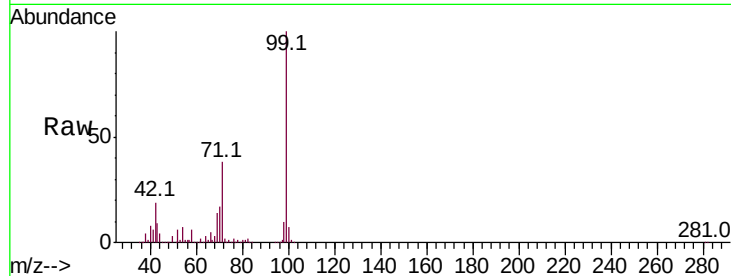
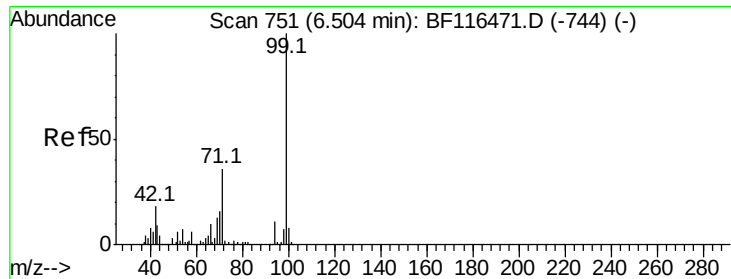
Abundance

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: 108.488 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

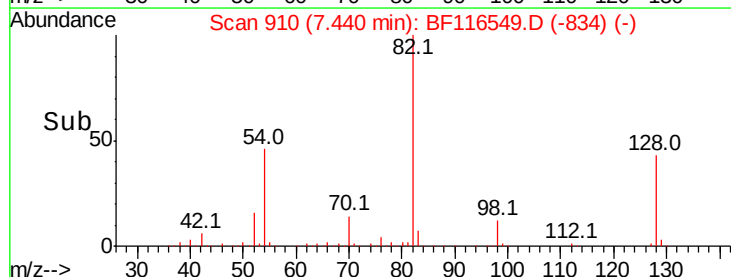
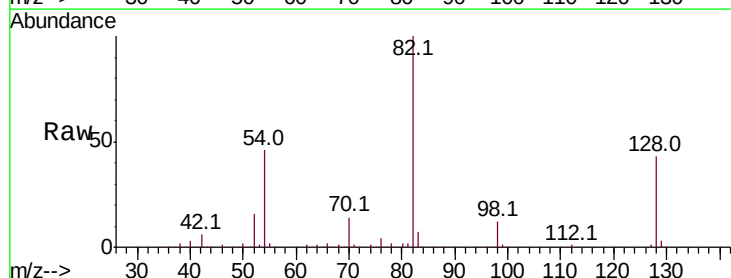
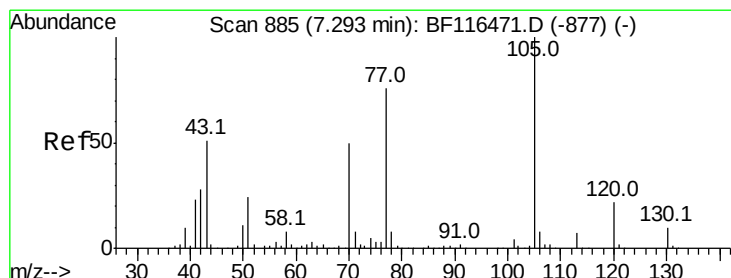
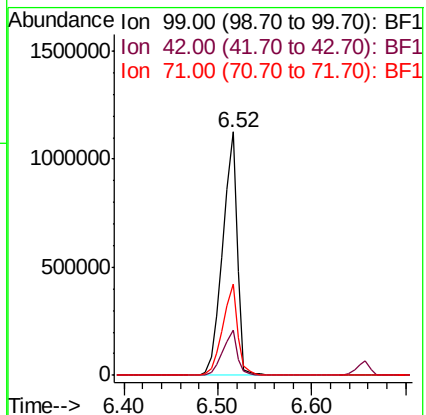
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1216320

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	37.6	28.5	42.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.479 ng

RT: 7.44 min Scan# 910

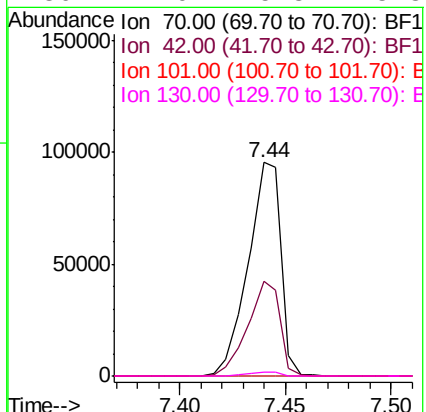
Delta R.T. 0.15 min

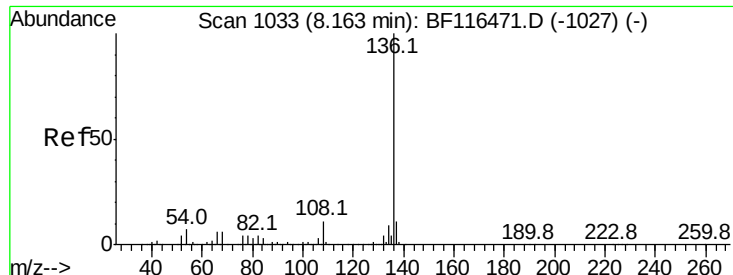
Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Tgt Ion: 70 Resp: 103116

Ion	Ratio	Lower	Upper
70	100		
42	44.2	44.4	66.6#
101	0.0	7.1	10.7#
130	2.0	15.8	23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485748

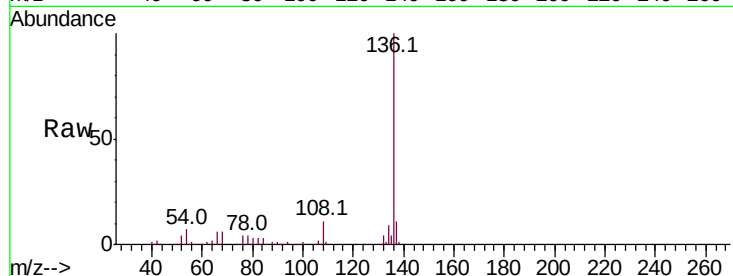
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.3 5.8 8.6

68 6.0 5.1 7.7

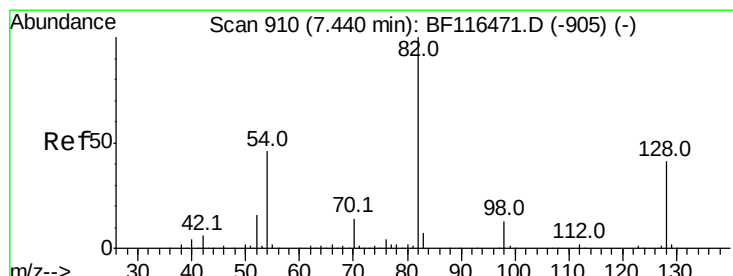
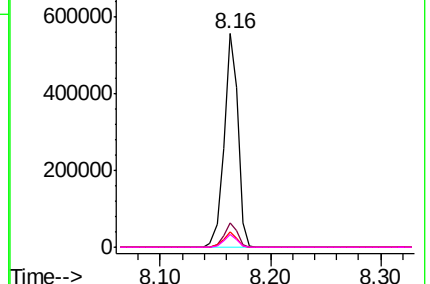
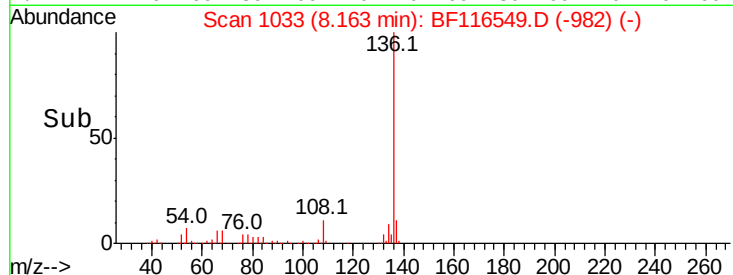


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.482 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

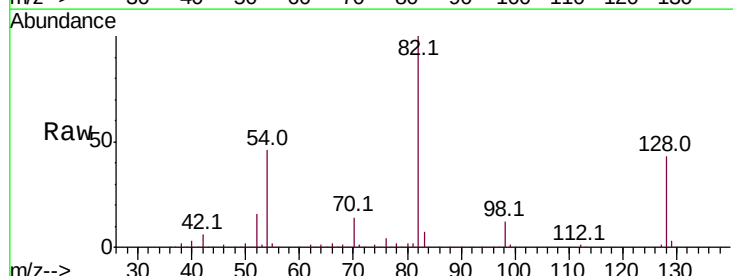
Tgt Ion: 82 Resp: 758963

Ion Ratio Lower Upper

82 100

128 42.9 32.2 48.4

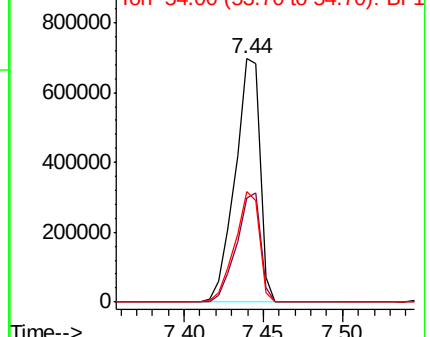
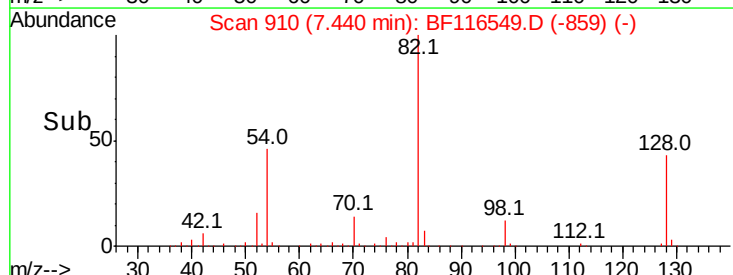
54 45.6 36.5 54.7

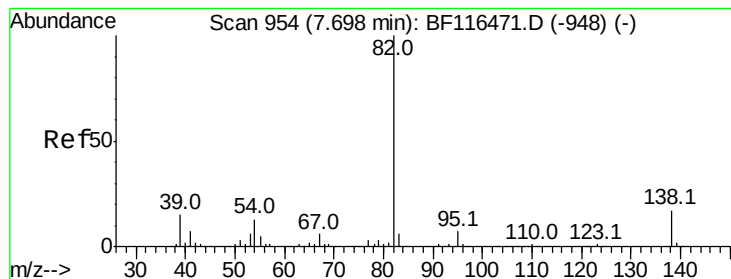


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.376 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Instrument :

BNA_F

ClientSampled :

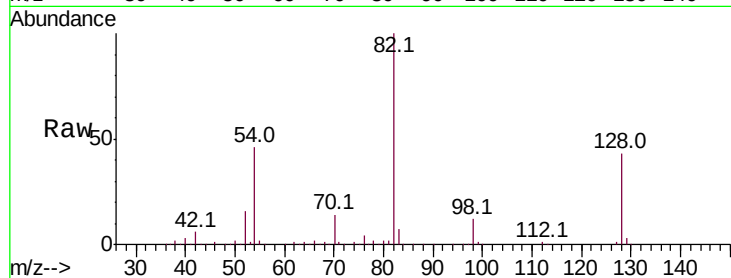
Tot Ion: 82 Resp: 758945

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

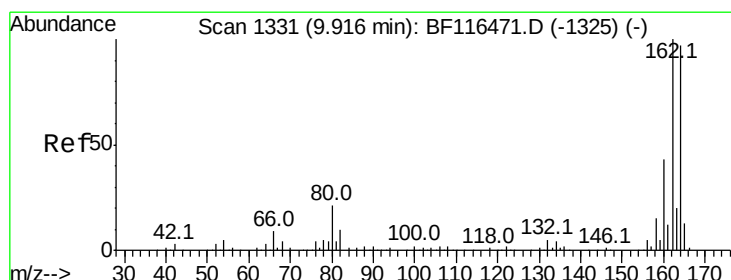
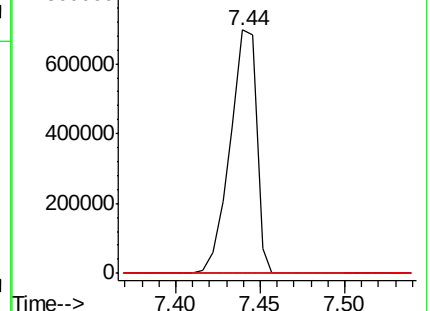
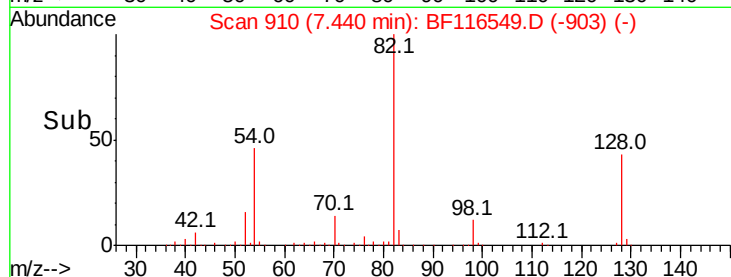
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

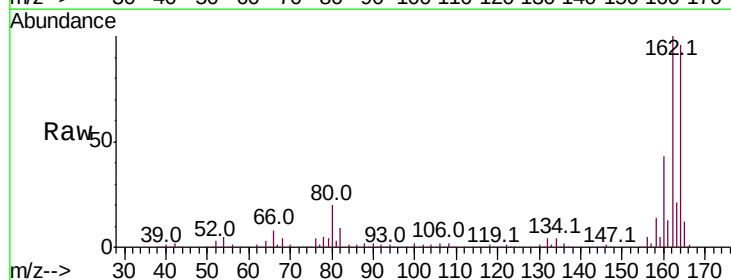
Tgt Ion: 164 Resp: 224907

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

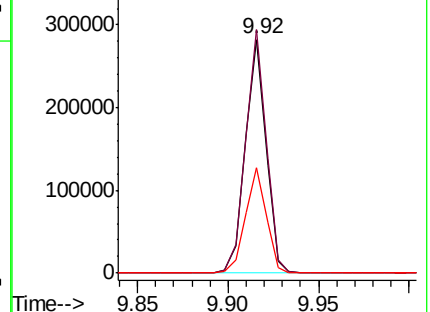
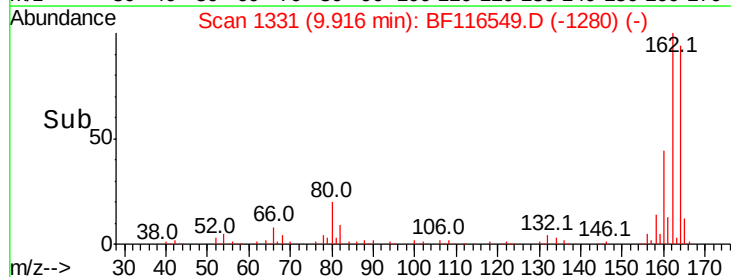
160 45.3 35.8 53.8

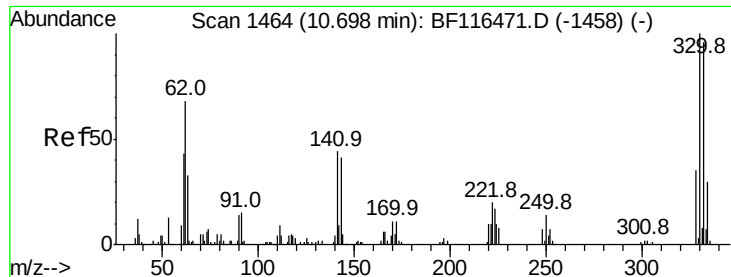


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 68.557 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116549.D

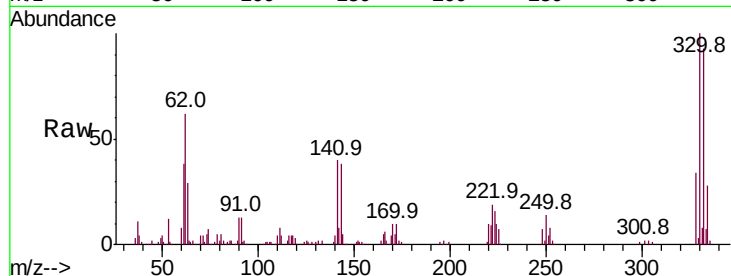
Acq: 26 Aug 2019 1:51

Instrument :

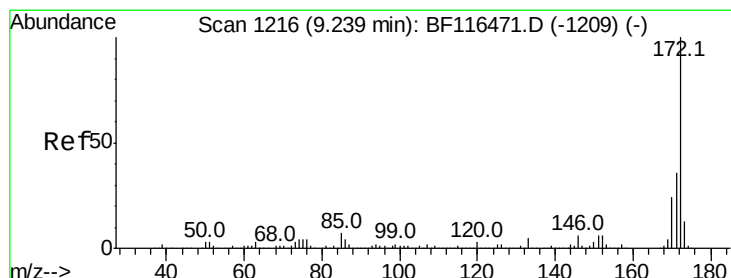
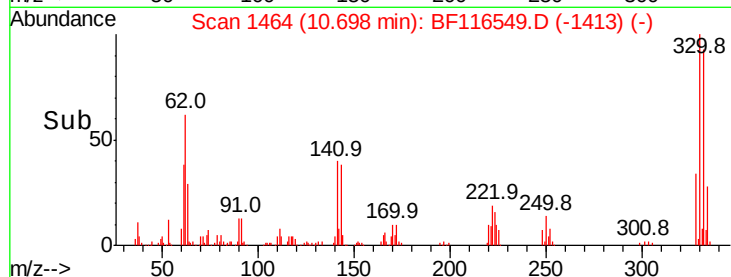
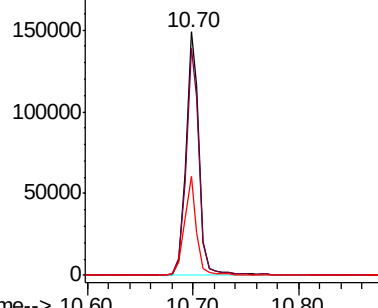
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	132399
Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.2	115.8
141	37.0	33.3	49.9



Abundance Ion 329.80 (329.50 to 330.50): E
 200000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 103.276 ng

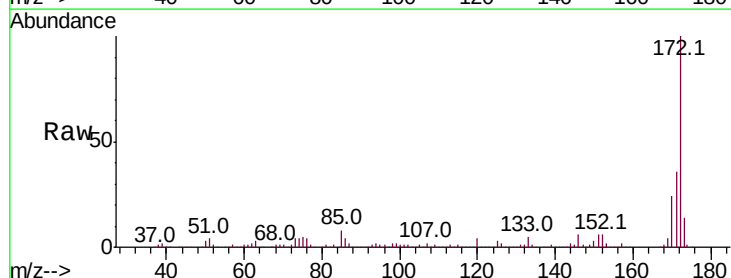
RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

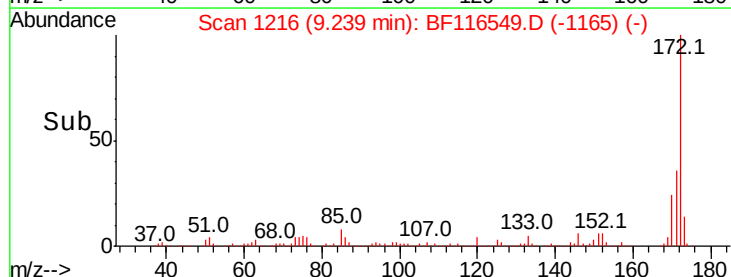
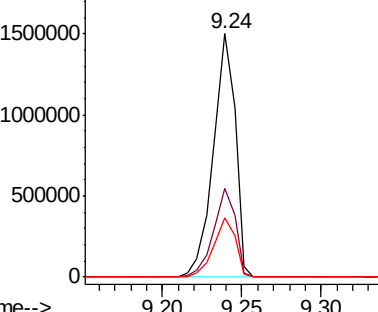
Lab File: BF116549.D

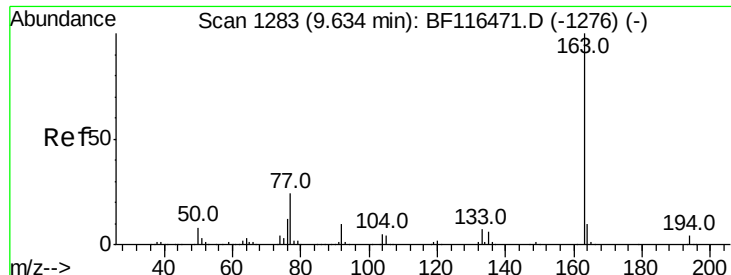
Acq: 26 Aug 2019 1:51

Tgt Ion:	172	Resp:	1442339
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.2	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

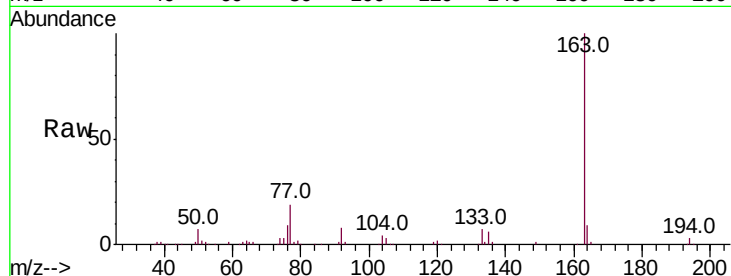




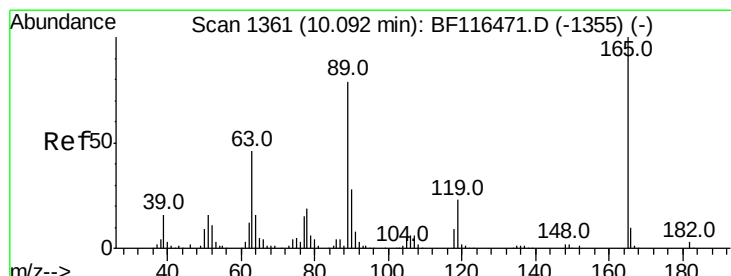
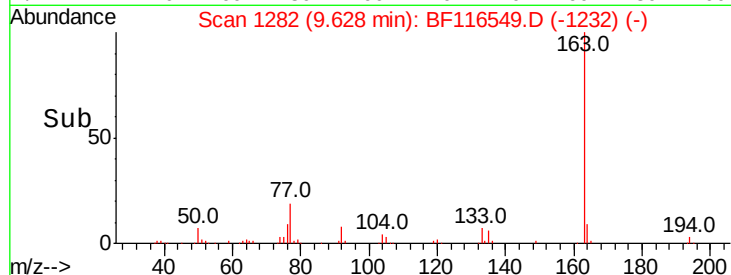
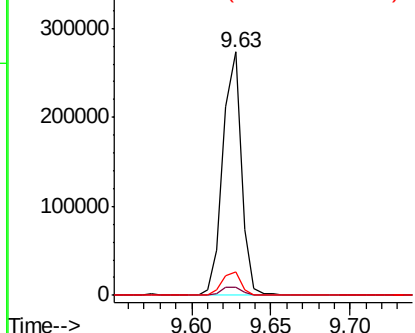
#50
Dimethylphthalate
Concen: 14.218 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	223112
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.9 4.3
164	9.5	8.2 12.2

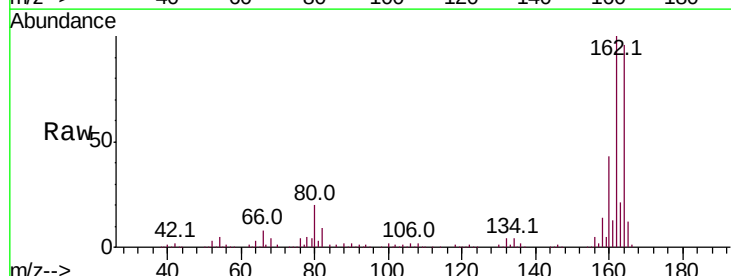


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

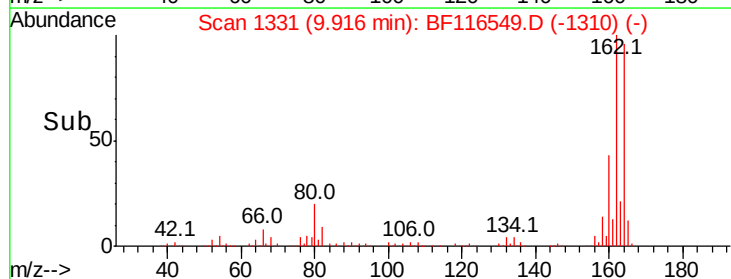
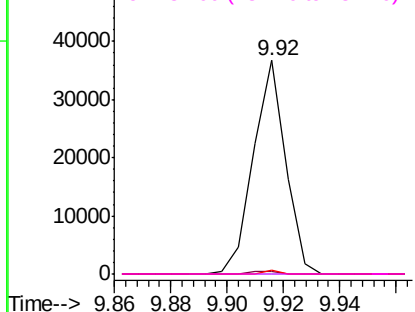


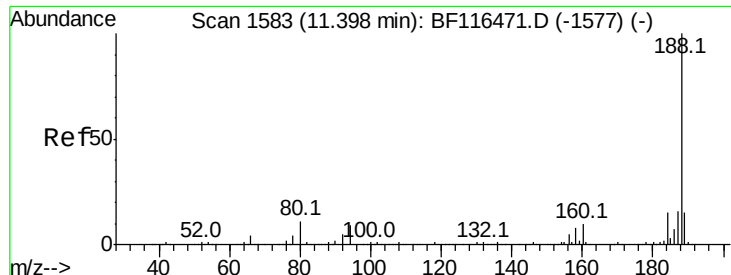
#57
2,4-Dinitrotoluene
Concen: 7.093 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Tgt Ion:165	Resp:	28991
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.9 55.3#
89	1.9	63.4 95.0#
182	0.0	2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

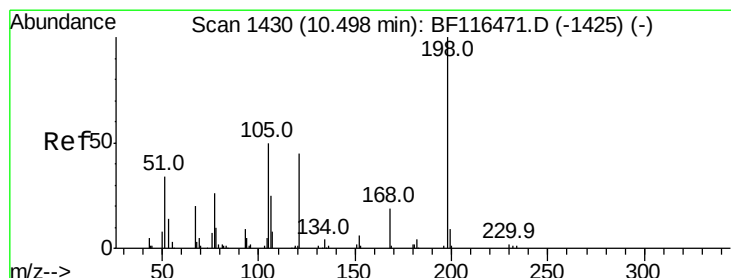
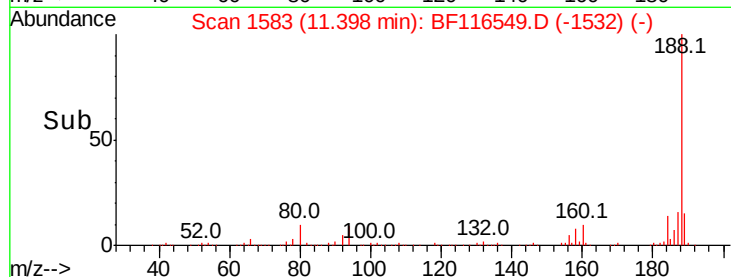
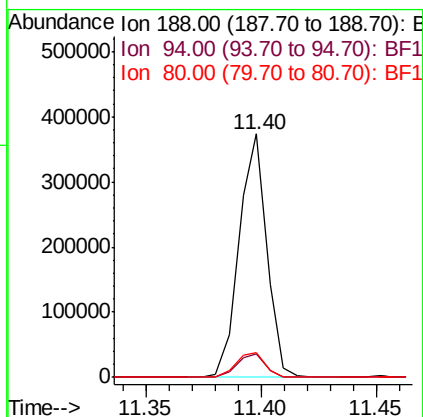
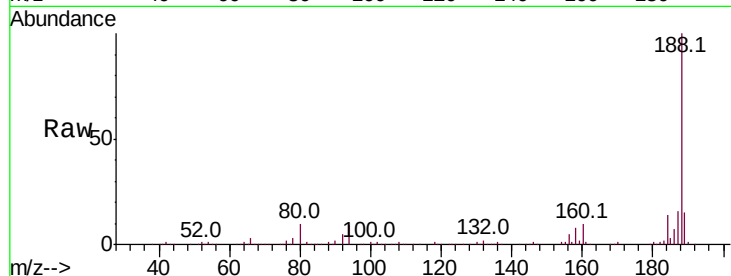




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

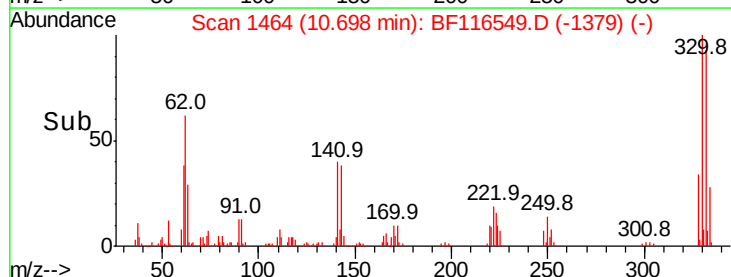
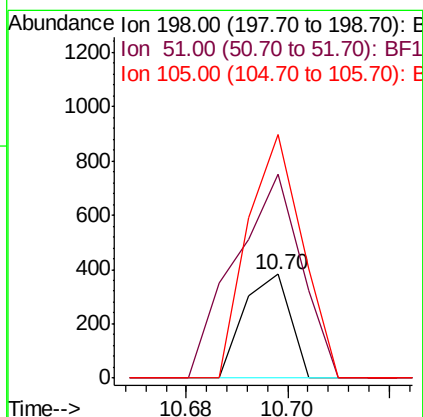
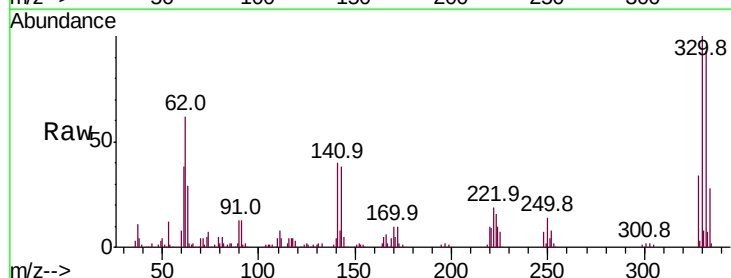
Instrument :
BNA_F
ClientSampled :

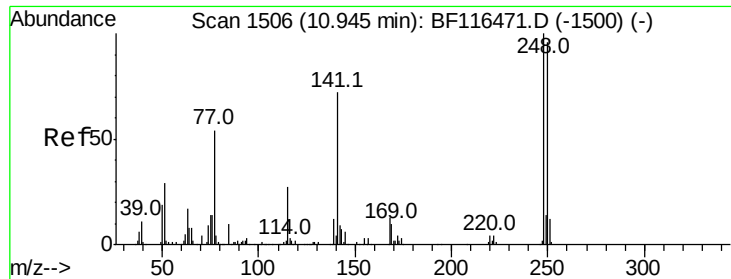
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.0	8.6	12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 7.167 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116549.D
Acq: 26 Aug 2019 1:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	196.9	30.4	70.4#
105	234.8	32.8	72.8#

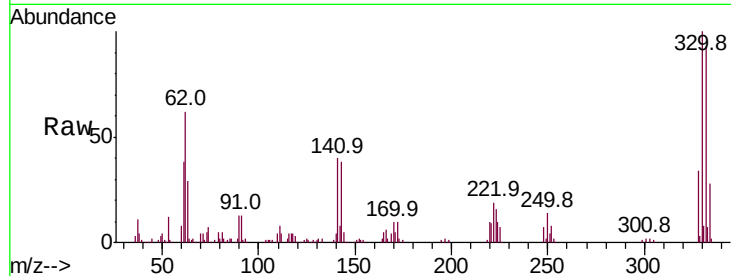




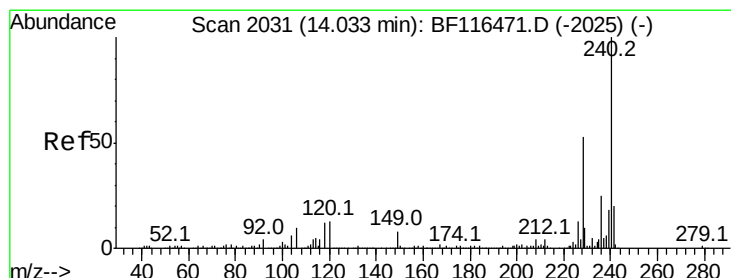
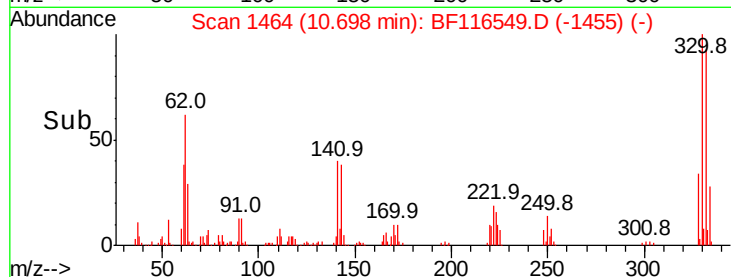
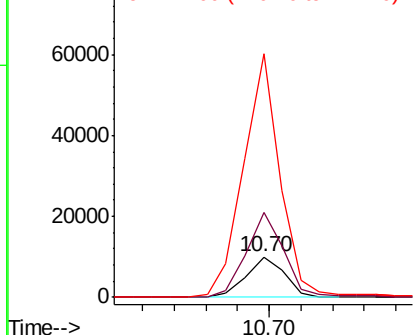
#67
 4-Bromophenyl-phenylether
 Concen: 2.567 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8400
 Ion Ratio Lower Upper
 248 100
 250 208.0 77.0 115.6#
 141 600.1 57.4 86.0#

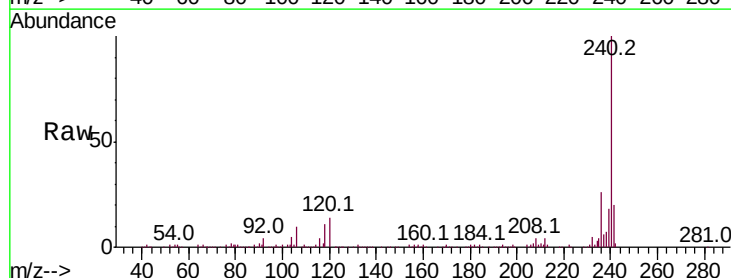


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

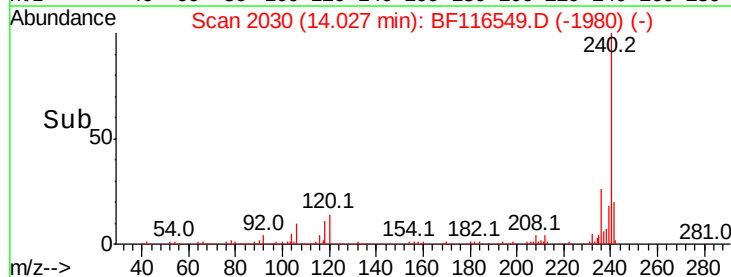
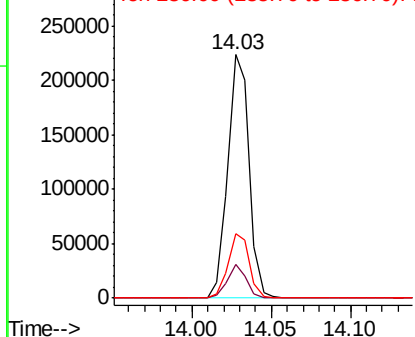


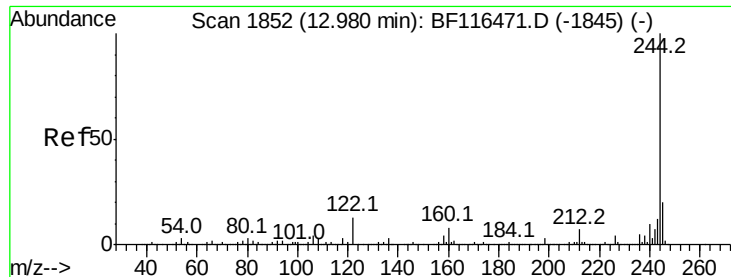
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116549.D
 Acq: 26 Aug 2019 1:51

Tgt Ion:240 Resp: 207633
 Ion Ratio Lower Upper
 240 100
 120 13.6 10.5 15.7
 236 26.4 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





#79

Terphenyl-d14

Concen: 98.966 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

Instrument :

BNA_F

ClientSampled :

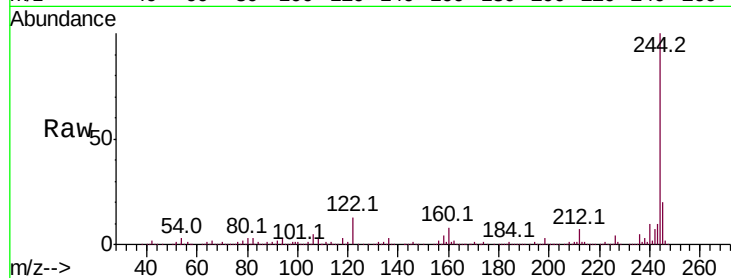
Tot Ion:244 Resp: 1100094

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

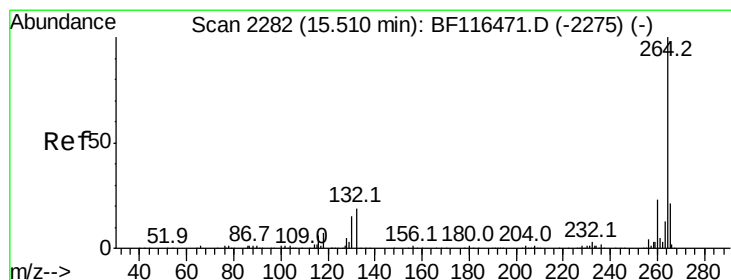
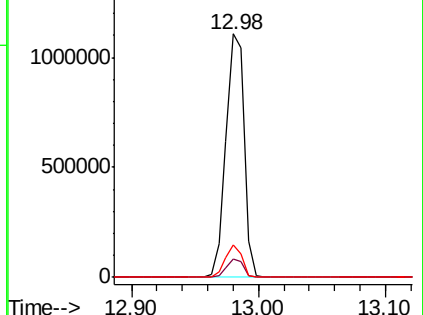
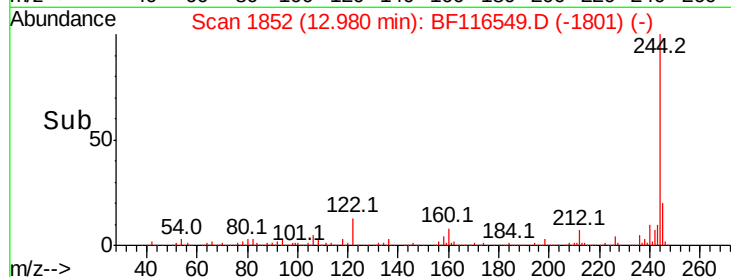
122 13.4 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116549.D

Acq: 26 Aug 2019 1:51

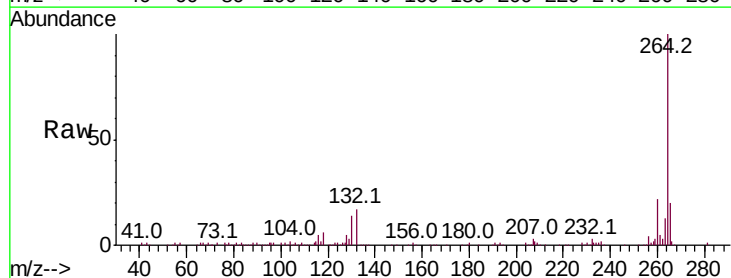
Tgt Ion:264 Resp: 178335

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 19.9 17.1 25.7



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

