

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117009.D
 Acq On : 12 Sep 2019 23:50
 Operator : HP/JU
 Sample : K4712-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:48:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

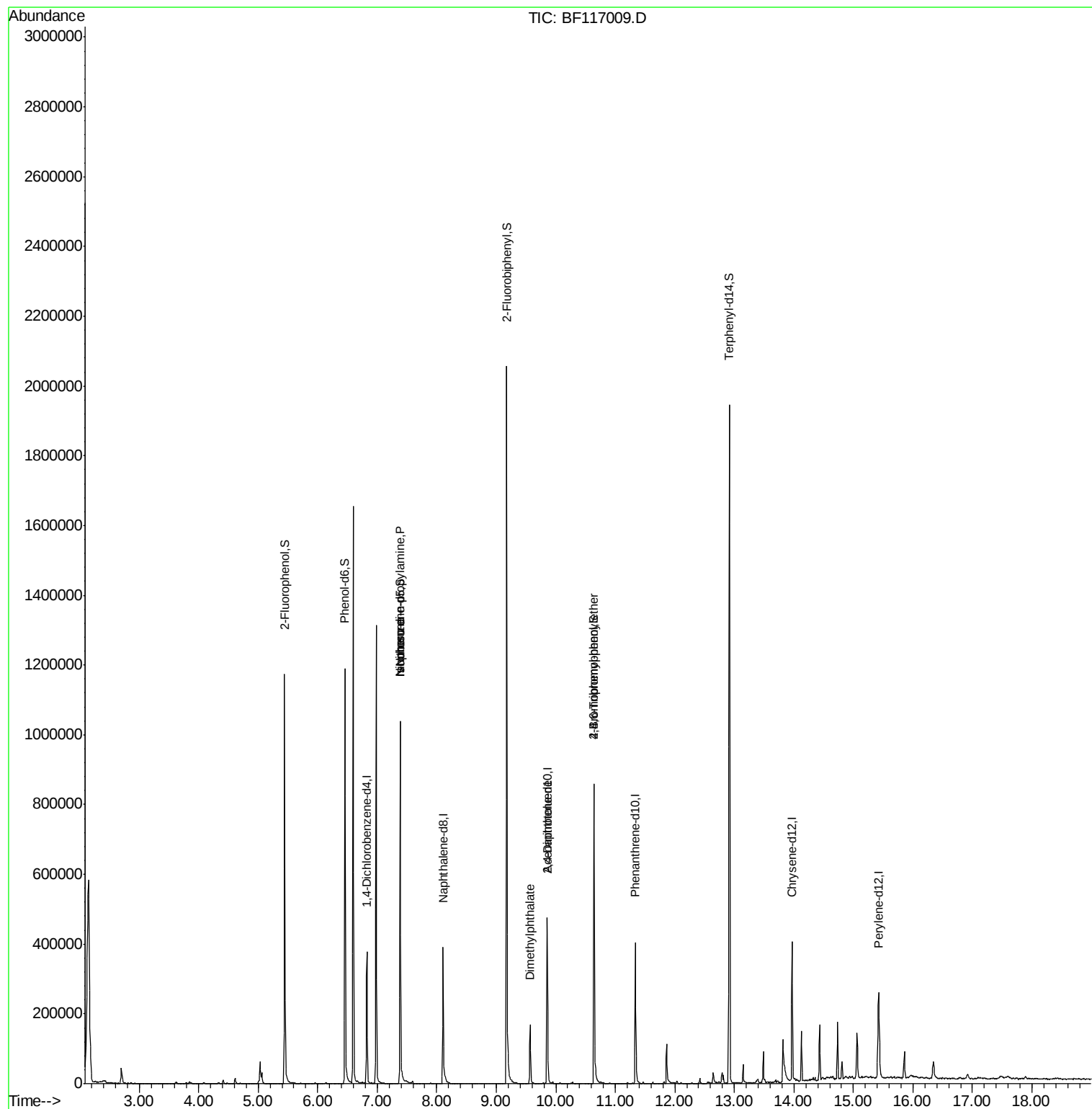
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59255	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	225367	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	114673	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	178051	20.00	ng	0.00
76) Chrysene-d12	13.97	240	133920	20.00	ng	0.00
87) Perylene-d12	15.42	264	113096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	358785	98.09	ng	0.00
7) Phenol-d6	6.46	99	438096	91.22	ng	0.00
23) Nitrobenzene-d5	7.39	82	373903	94.71	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	110000	143.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	696892	102.52	ng	0.00
79) Terphenyl-d14	12.92	244	628636	86.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	50623	16.008	ng	Qvalue # 78
25) Isophorone	7.39	82	373898	46.740	ng	# 66
50) Dimethylphthalate	9.57	163	81272	10.266	ng	99
57) 2,4-Dinitrotoluene	9.85	165	14533	7.869	ng	# 18
67) 4-Bromophenyl-phenylether	10.65	248	6796	3.757	ng	# 1

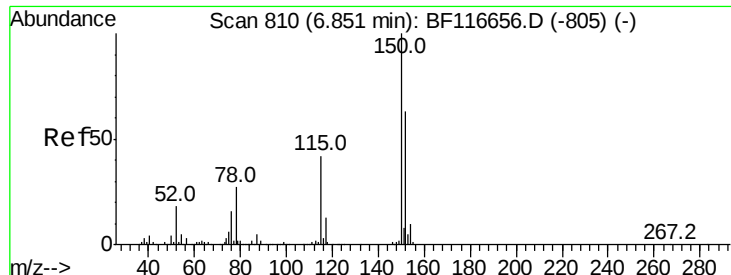
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117009.D
Acq On : 12 Sep 2019 23:50
Operator : HP/JU
Sample : K4712-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 13 07:48:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration



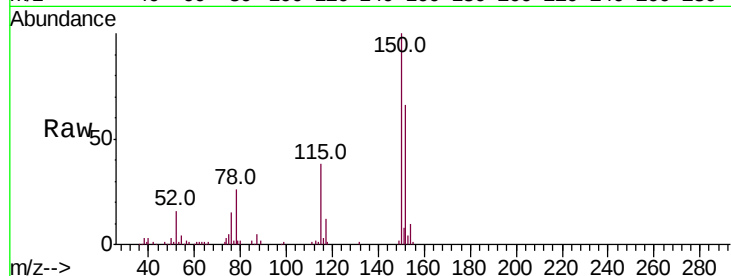


#1

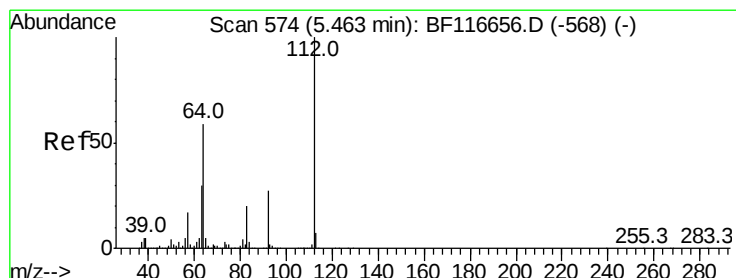
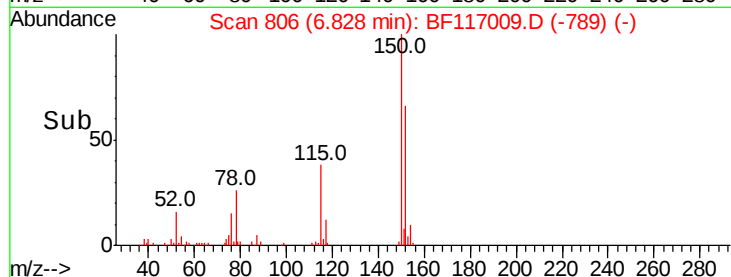
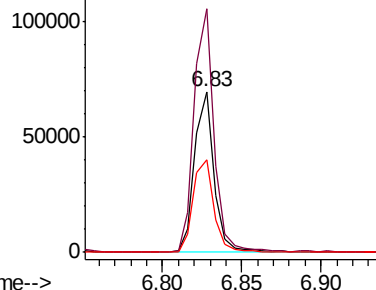
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.2	189.2
115	57.7	50.2	75.2



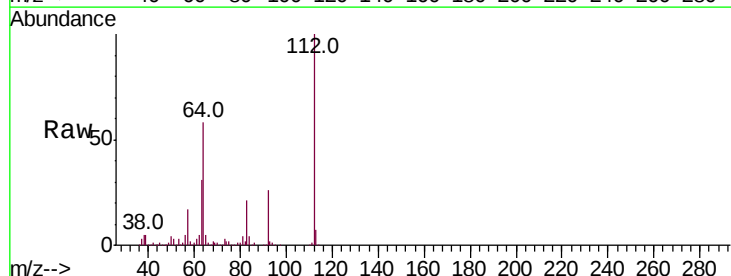
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



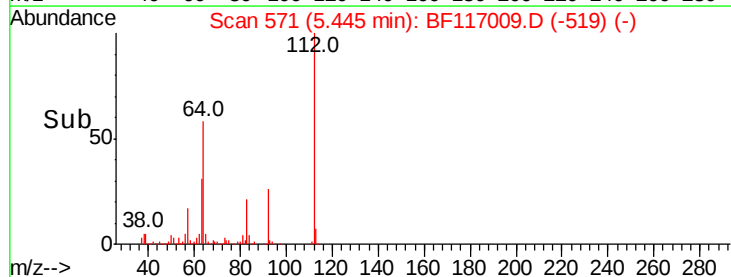
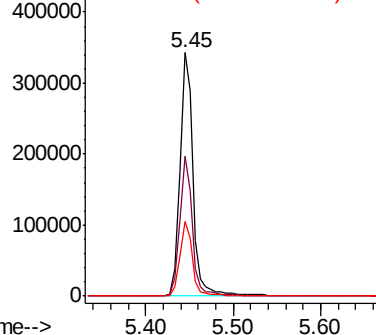
#5

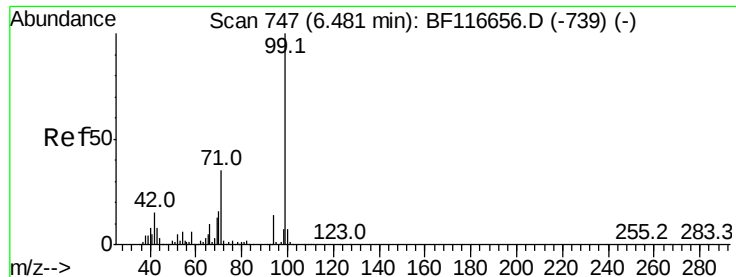
2-Fluorophenol
Concen: 98.093 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	30.9	25.4	38.0



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: 91.216 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Instrument :

BNA_F

ClientSampled :

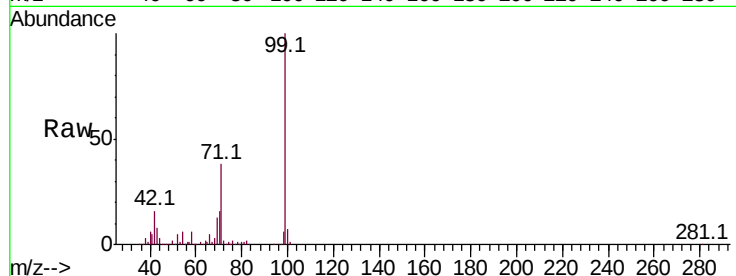
Tot Ion: 99 Resp: 438096

Ion Ratio Lower Upper

99 100

42 15.8 12.0 18.0

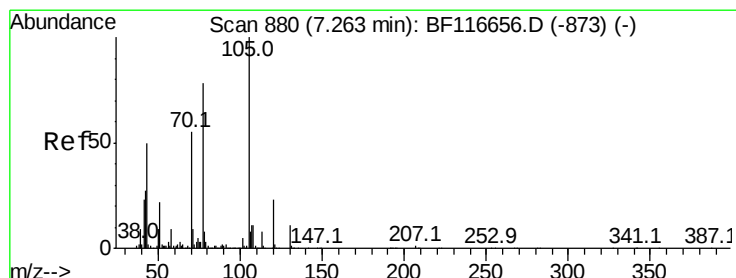
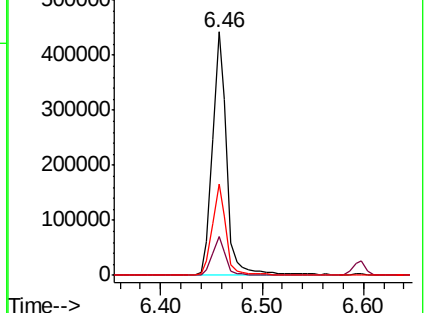
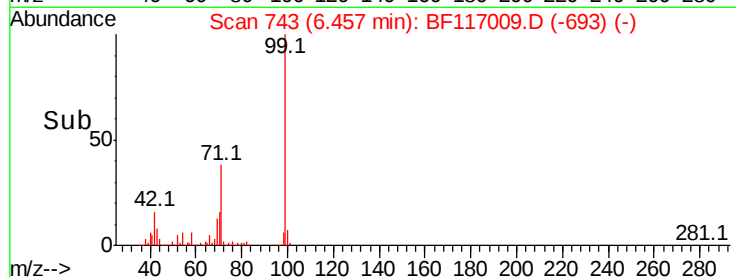
71 37.6 29.7 44.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.008 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Tgt Ion: 70 Resp: 50623

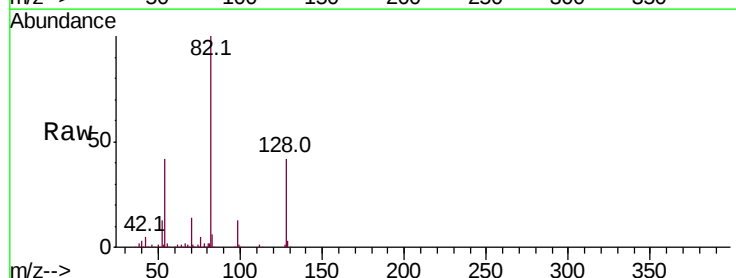
Ion Ratio Lower Upper

70 100

42 37.4 37.0 55.4

101 0.0 7.4 11.2#

130 1.8 16.0 24.0#

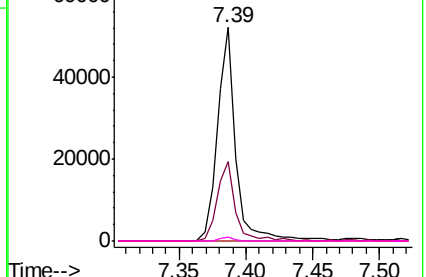
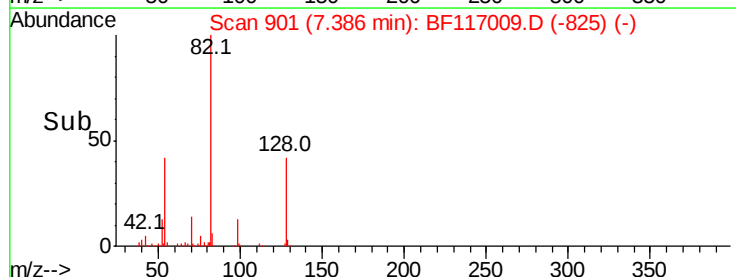


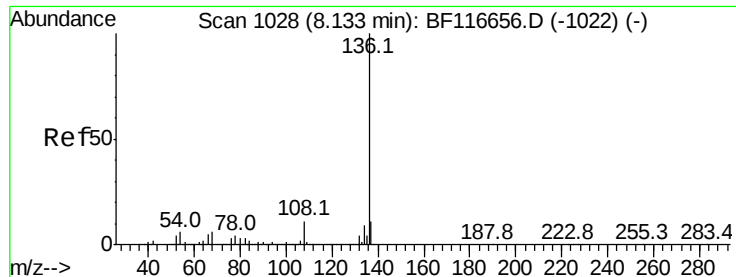
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117009.D

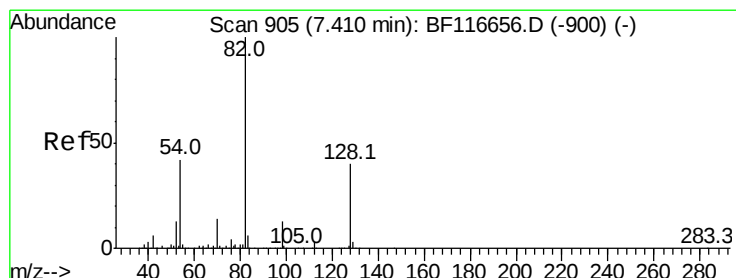
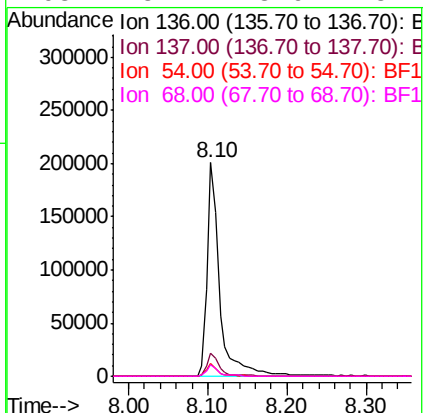
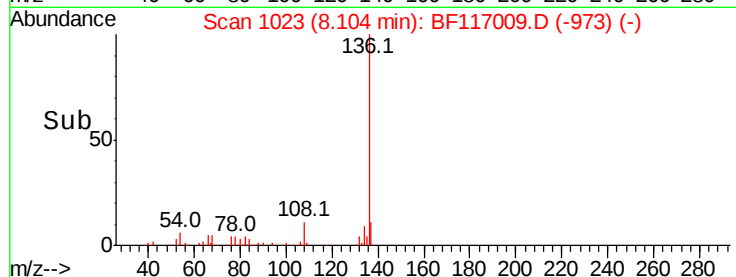
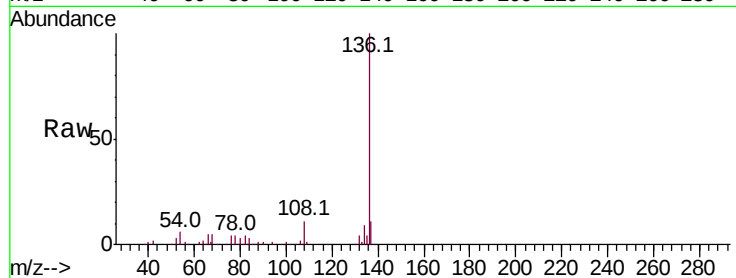
Acq: 12 Sep 2019 23:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	225367
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.1	3.8	5.8#
68	5.2	3.6	5.4



#23

Nitrobenzene-d5

Concen: 94.713 ng

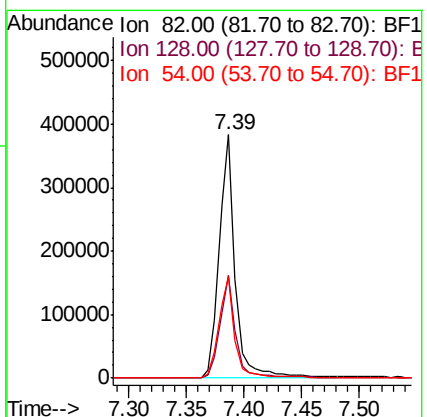
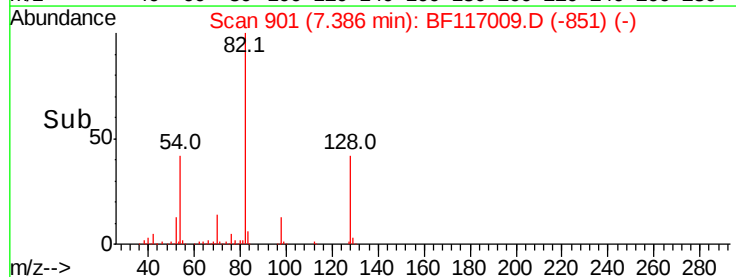
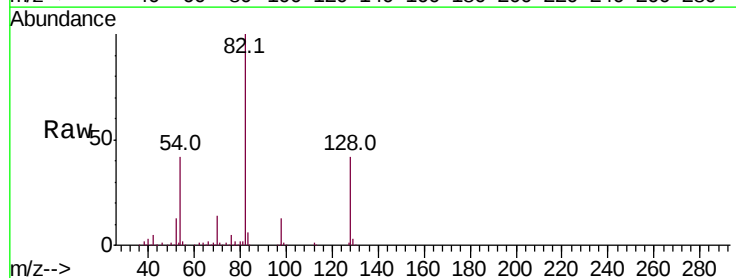
RT: 7.39 min Scan# 901

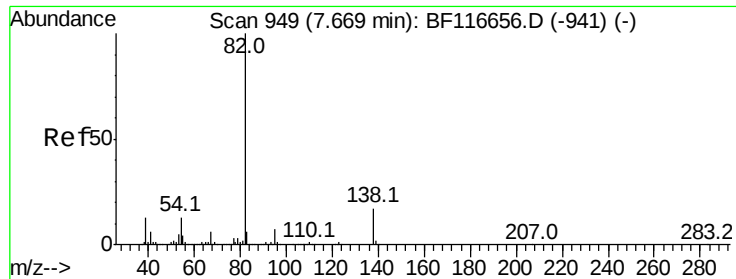
Delta R.T. -0.01 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Tgt Ion:	82	Resp:	373903
Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	41.6	32.6	48.8





#25

Isophorone

Concen: 46.740 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Instrument :

BNA_F

ClientSampleId :

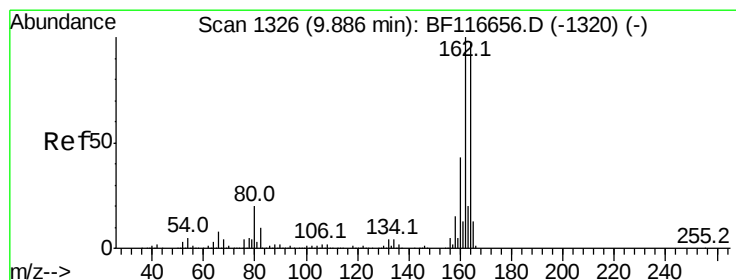
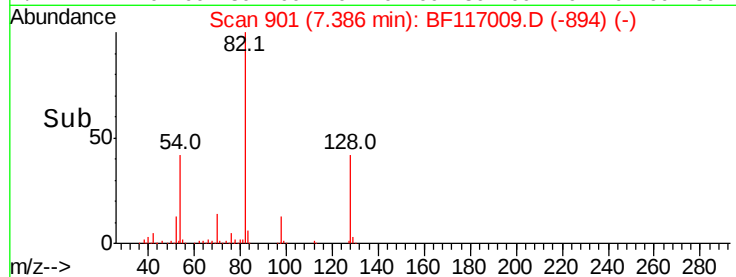
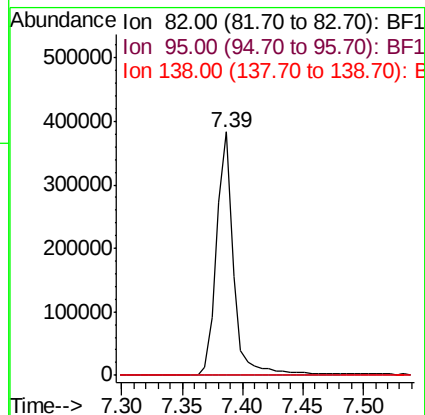
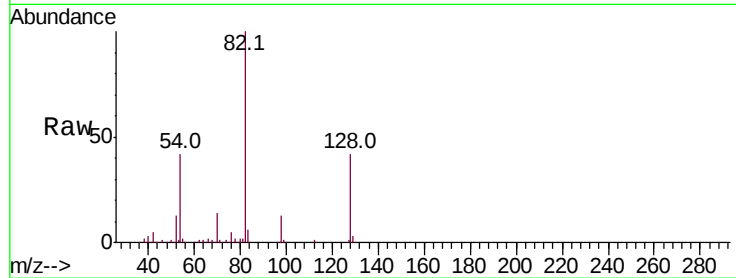
Tot Ion: 82 Resp: 373898

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.4 20.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

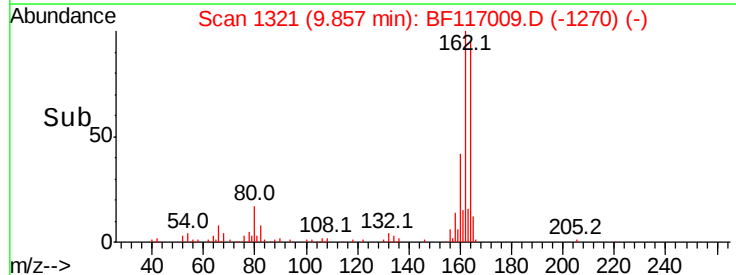
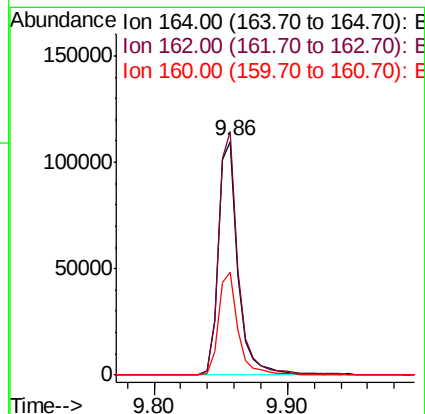
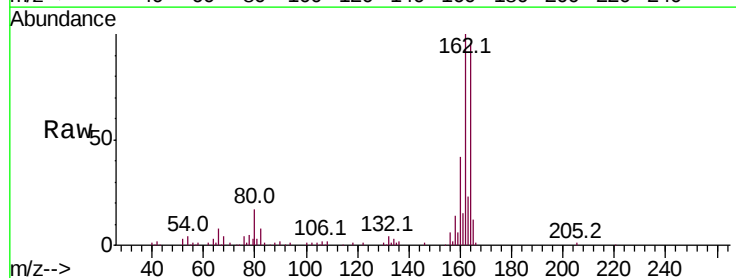
Tgt Ion: 164 Resp: 114673

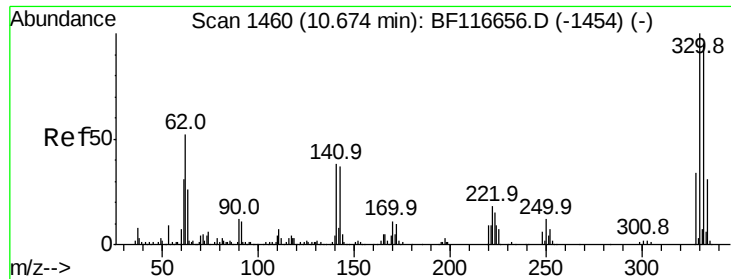
Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

160 43.8 35.7 53.5

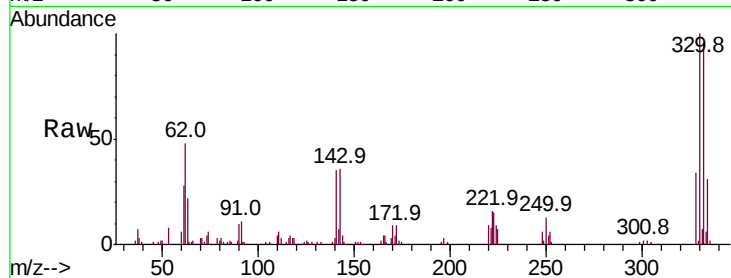




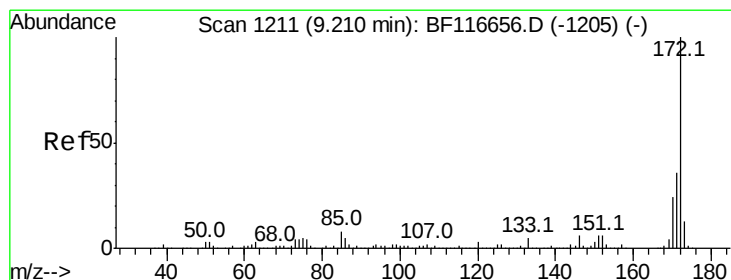
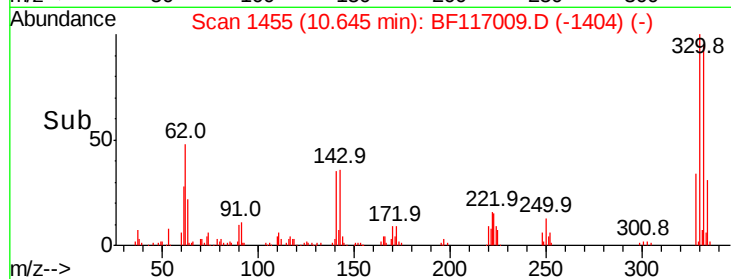
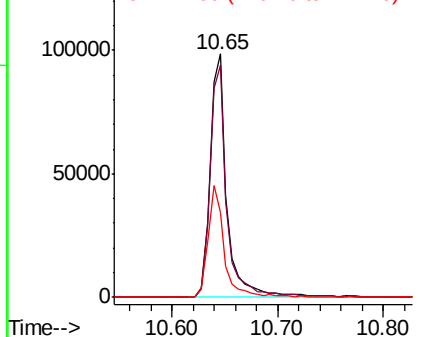
#42
 2,4,6-Tribromophenol
 Concen: 143.488 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	44.5	35.6	53.4

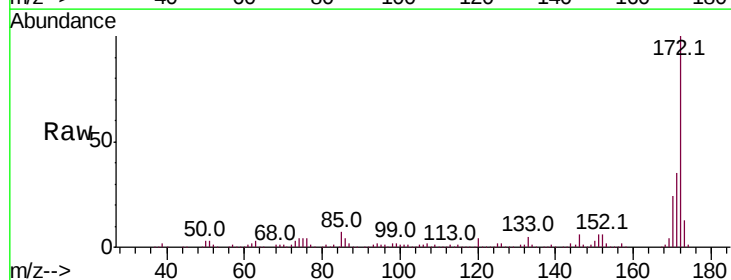


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

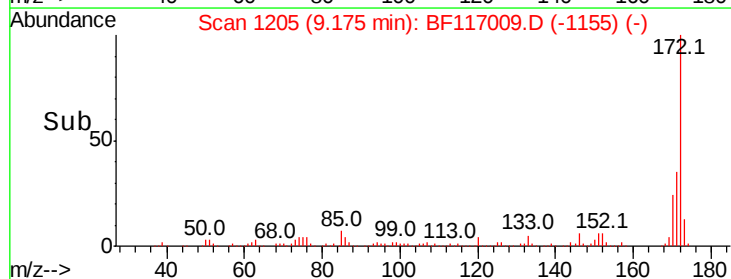
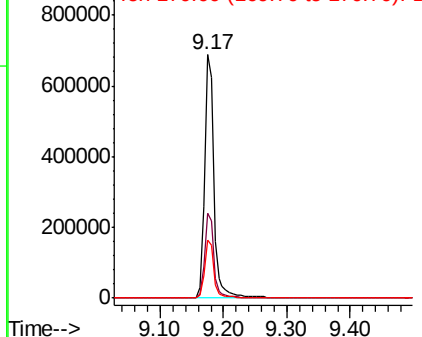


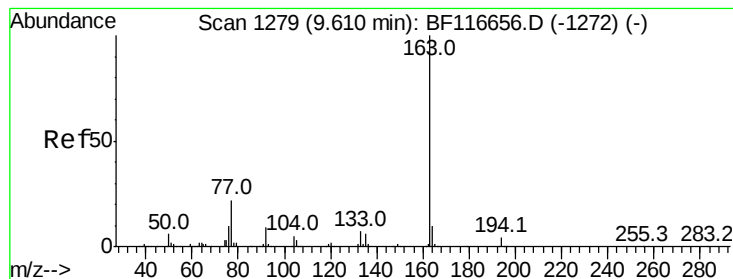
#45
 2-Fluorobiphenyl
 Concen: 102.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	24.1	19.2	28.8



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





#50

Dimethylphthalate

Concen: 10.266 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Instrument :

BNA_F

ClientSampleId :

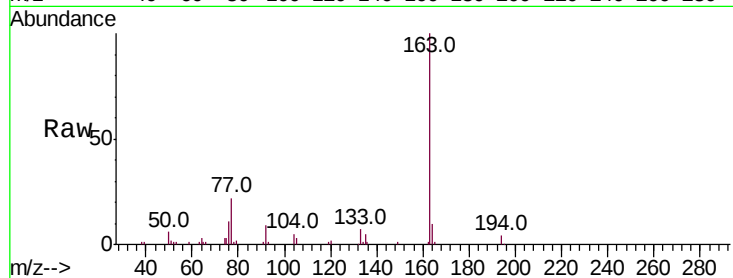
Tot Ion:163 Resp: 81272

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

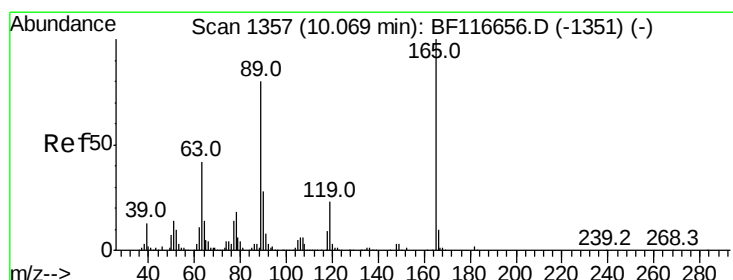
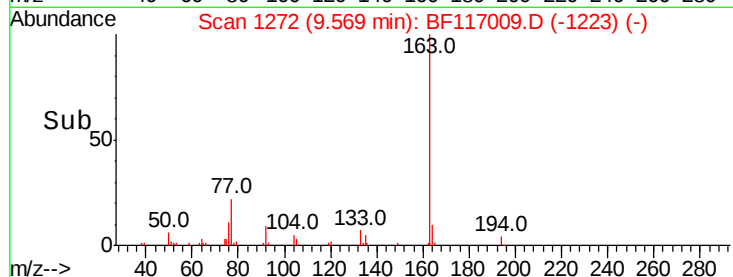
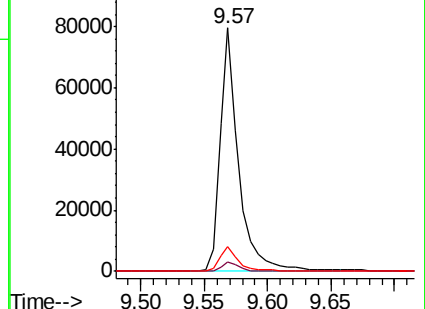
164 9.9 8.2 12.4



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: 7.869 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF117009.D

Acq: 12 Sep 2019 23:50

Tgt Ion:165 Resp: 14533

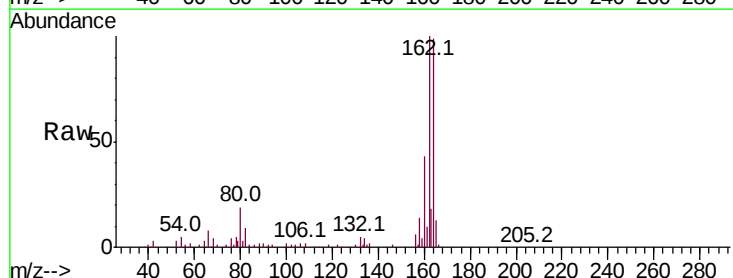
Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.2#

89 0.0 66.1 99.1#

182 0.0 1.8 2.8#

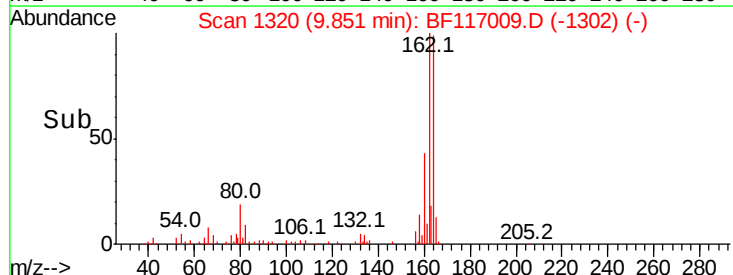
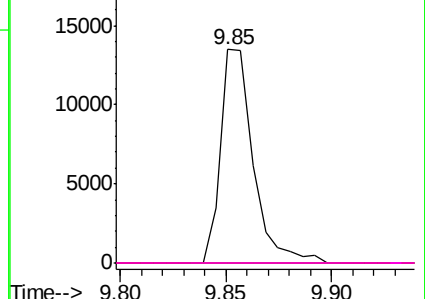


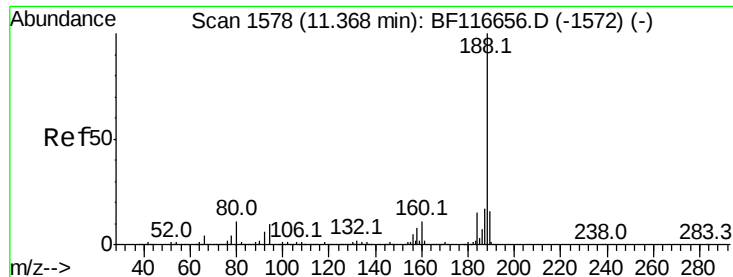
Abundance Ion 165.00 (164.70 to 165.70): E

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

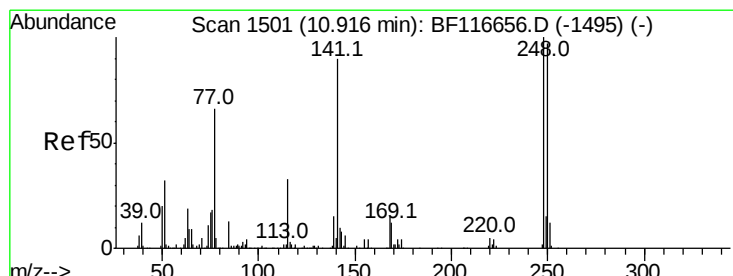
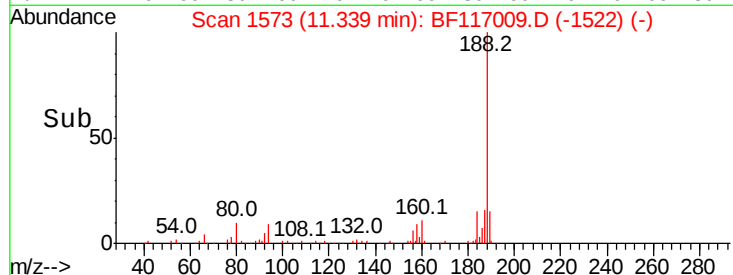
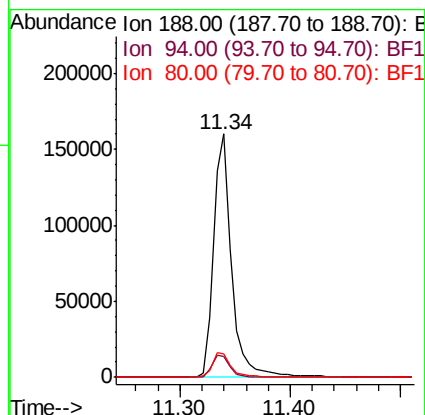
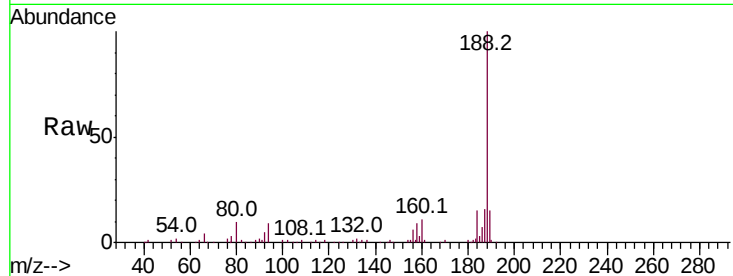




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

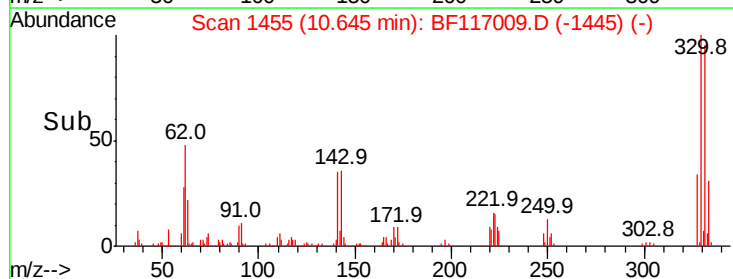
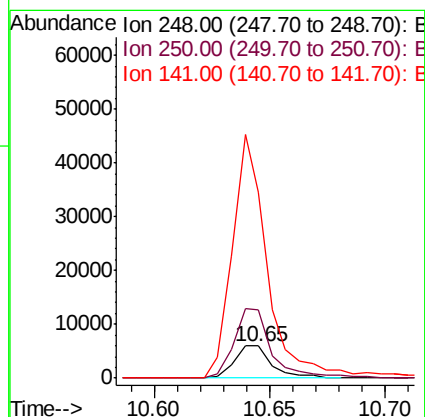
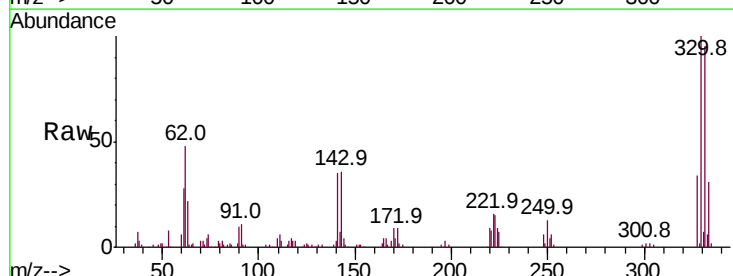
Instrument :
 BNA_F
 ClientSampleId :

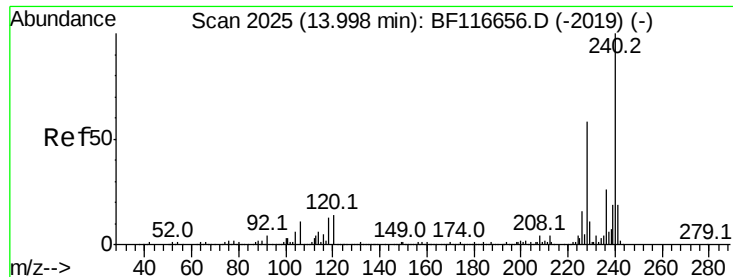
Tot Ion:188 Resp: 178051
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.4 11.2
 80 9.6 8.5 12.7



#67
 4-Bromophenyl-phenylether
 Concen: 3.757 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

Tgt Ion:248 Resp: 6796
 Ion Ratio Lower Upper
 248 100
 250 211.2 77.0 115.4#
 141 575.2 70.2 105.2#

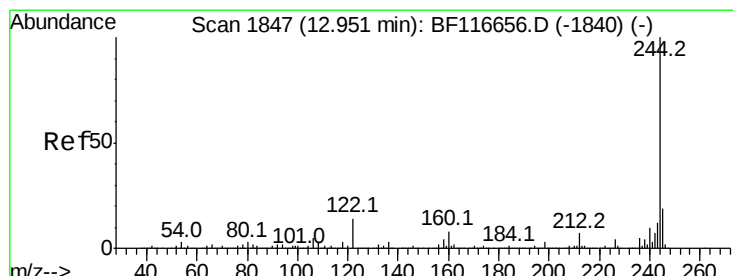
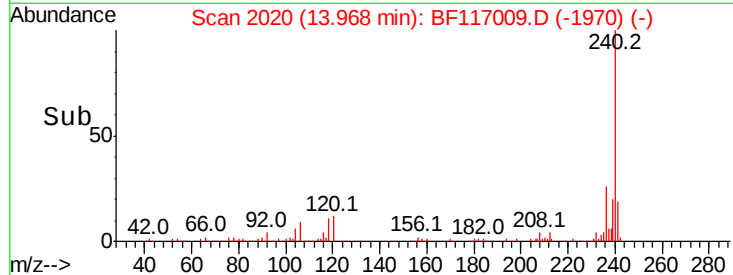
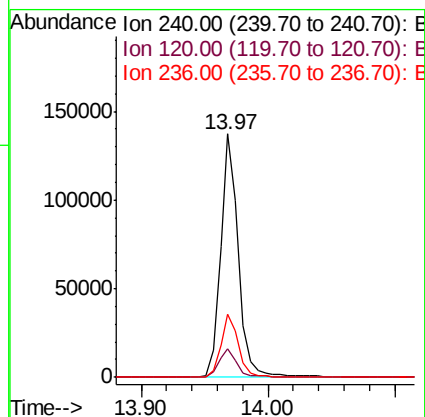
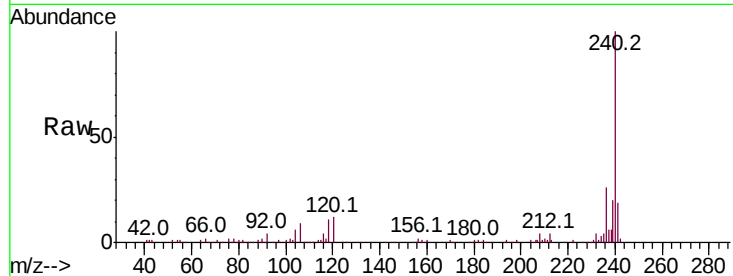




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

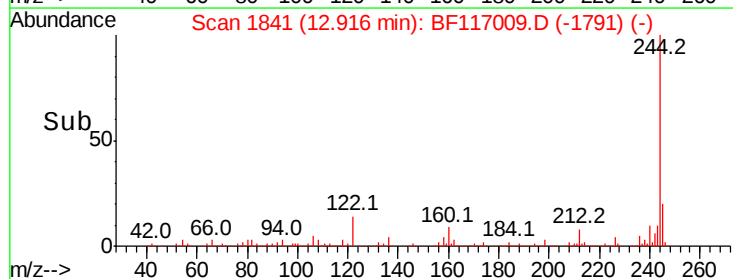
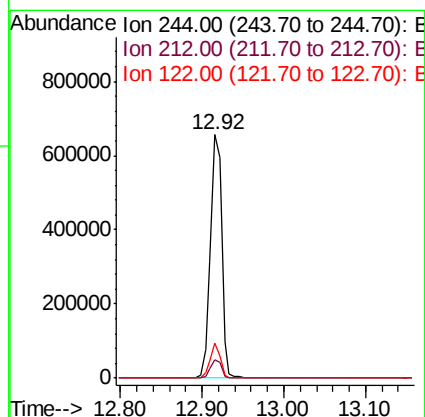
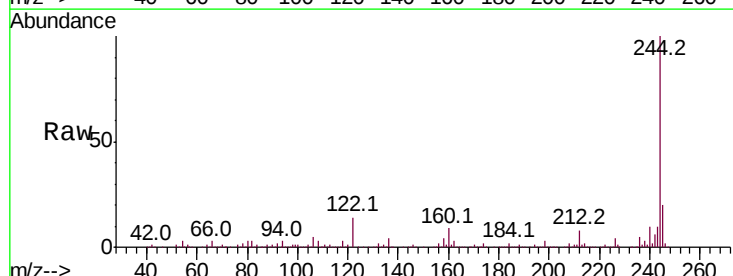
Instrument :
BNA_F
ClientSampleId :

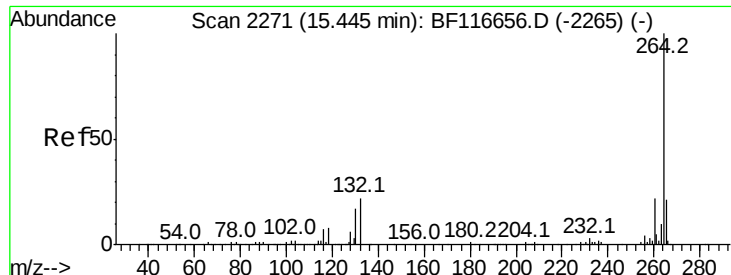
Tot Ion:240 Resp: 133920
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 86.838 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

Tgt Ion:244 Resp: 628636
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 14.3 11.5 17.3

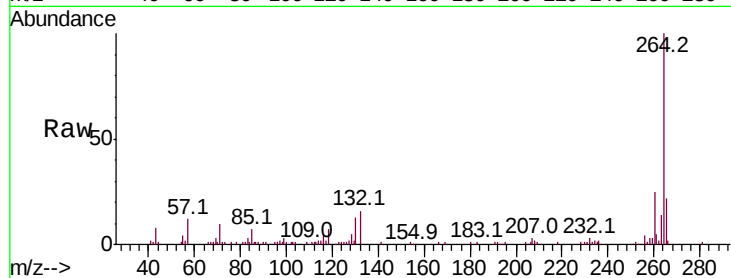




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	113096
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	22.2	17.9	26.9



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

