

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 :
 SB-4-20-22

Quant Time: Sep 13 08:42:37 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

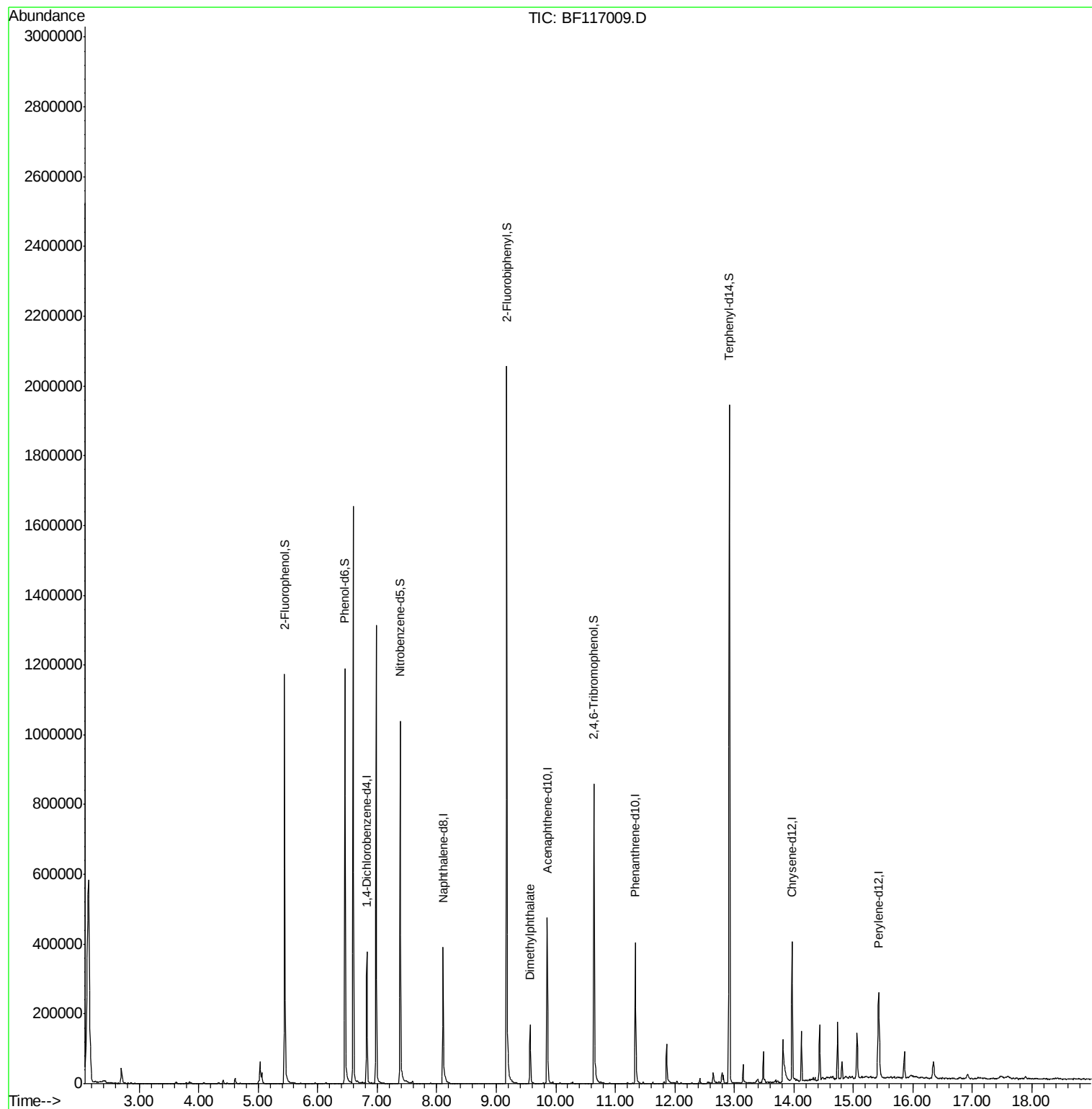
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59255	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	225367	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	114673	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	178051	20.00	ng	0.00
76) Chrysene-d12	13.97	240	133920	20.00	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						
50) Dimethylphthalate	9.57	163	81272	10.266	ng	Qvalue 99

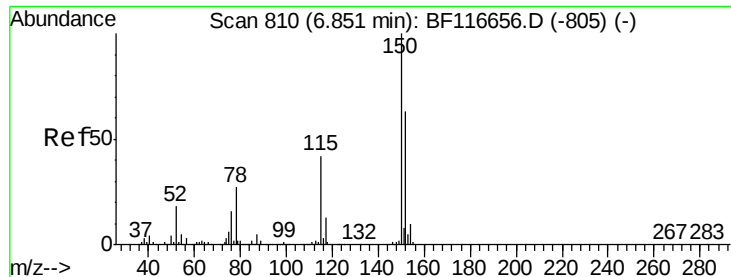
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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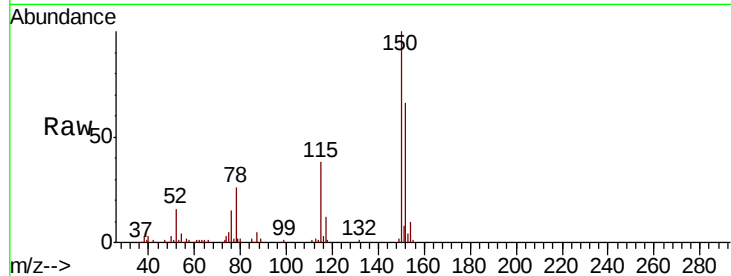


#1

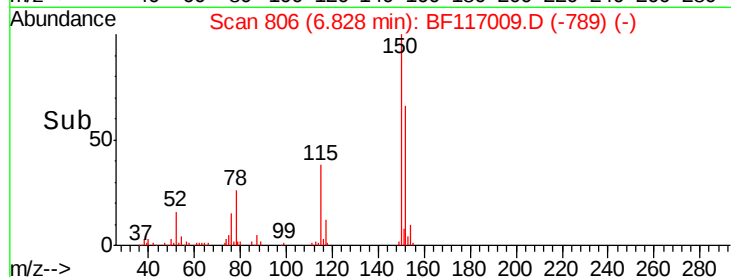
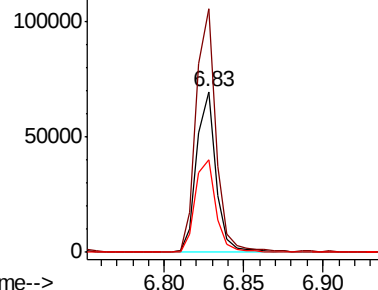
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22

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



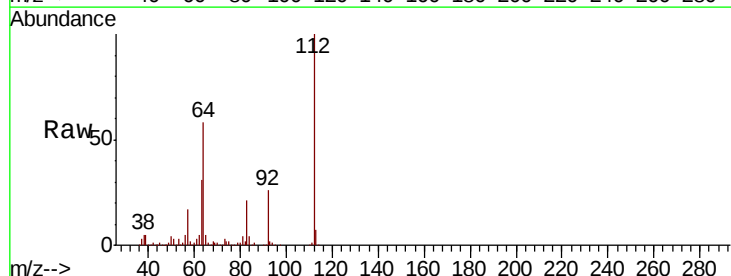
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



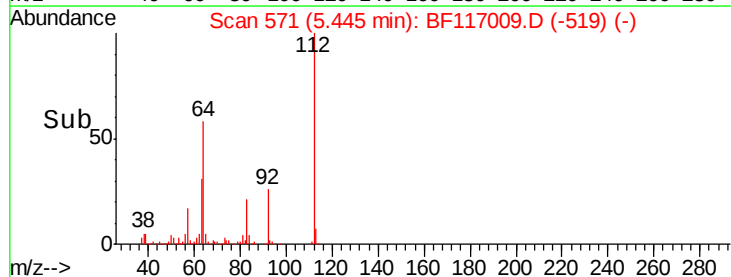
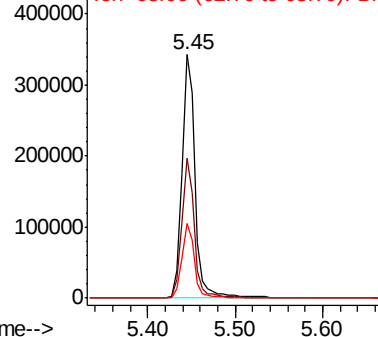
#5

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

ClientSampleId :

SB-4-20-22

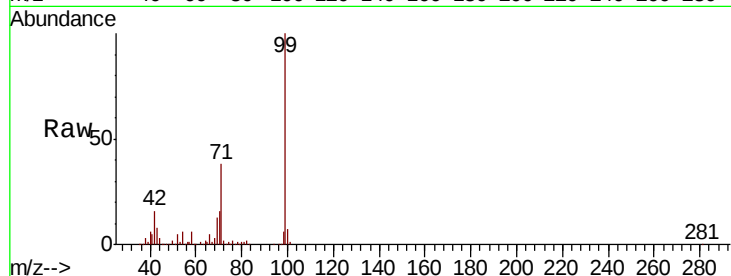
Tot Ion: 99 Resp: 438096

Ion Ratio Lower Upper

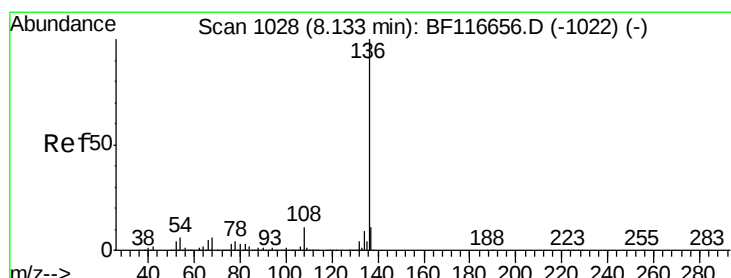
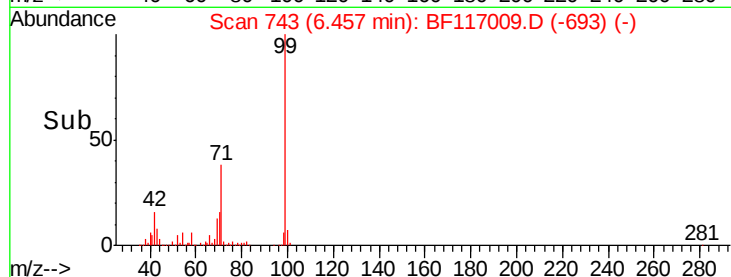
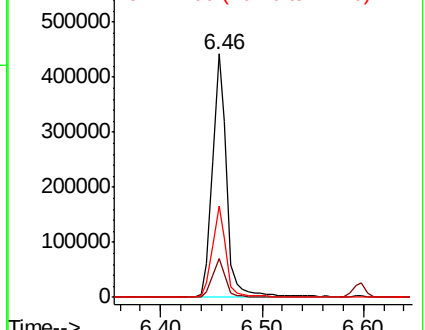
99 100

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



#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

Tgt Ion: 136 Resp: 225367

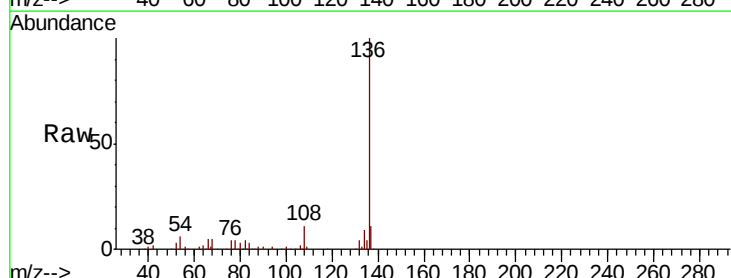
Ion Ratio Lower Upper

136 100

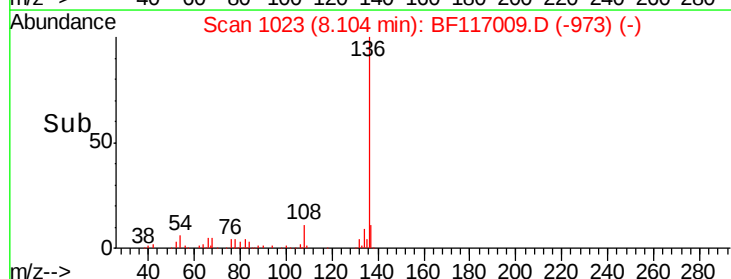
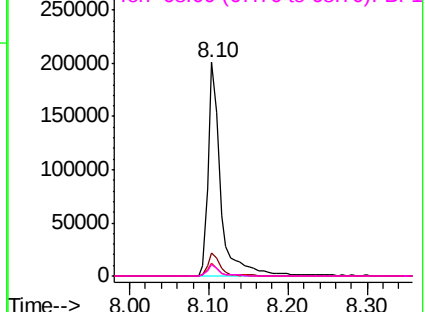
137 10.6 8.5 12.7

54 6.1 3.8 5.8#

68 5.2 3.6 5.4



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

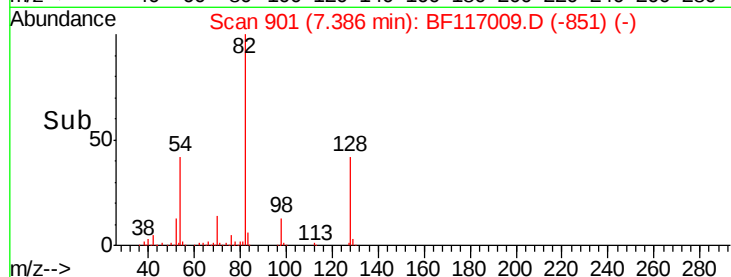
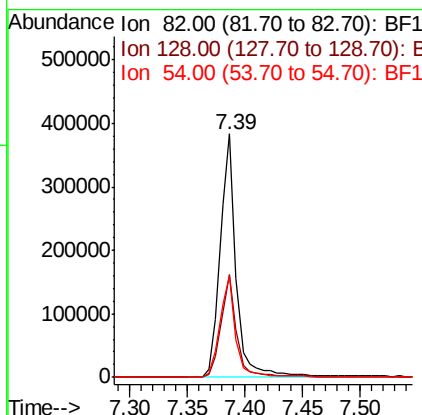
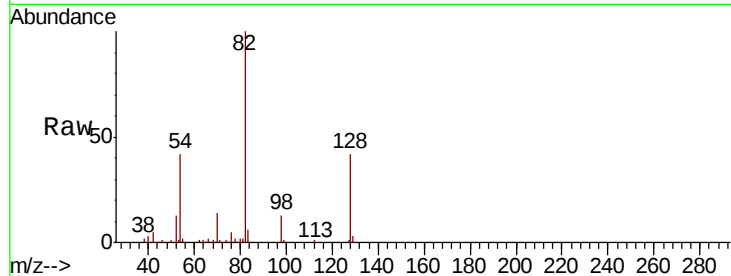




#23
Nitrobenzene-d5
Concen: 94.713 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

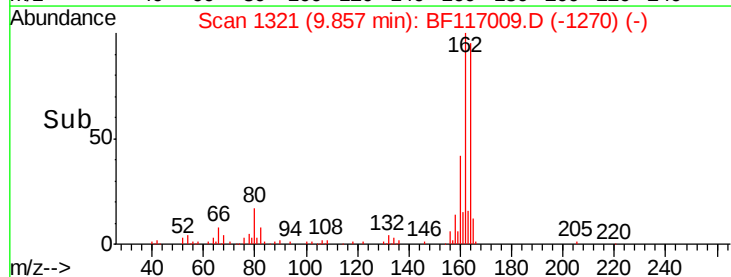
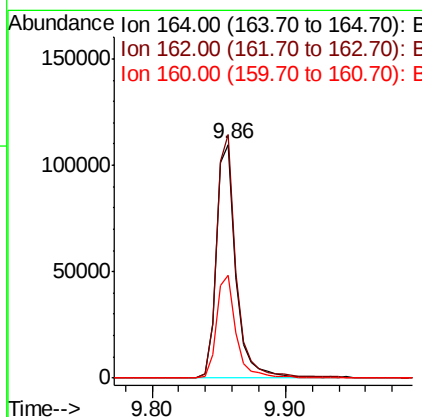
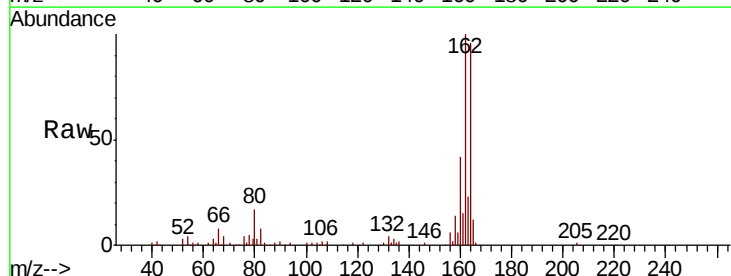
Instrument :
BNA_F
ClientSampleId :
SB-4-20-22

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



#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

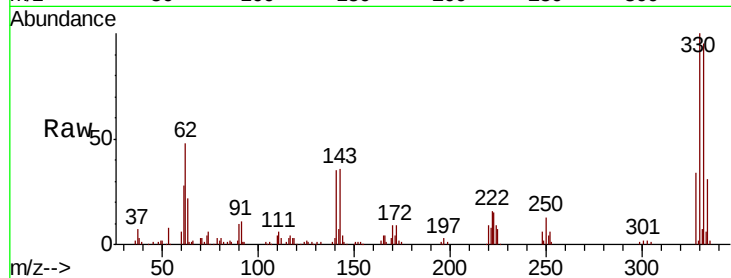




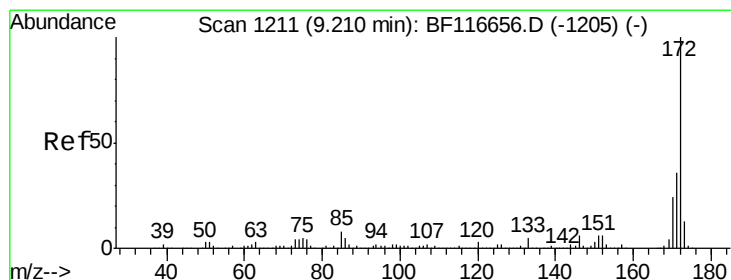
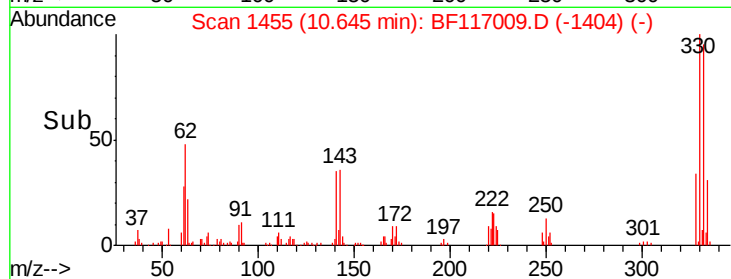
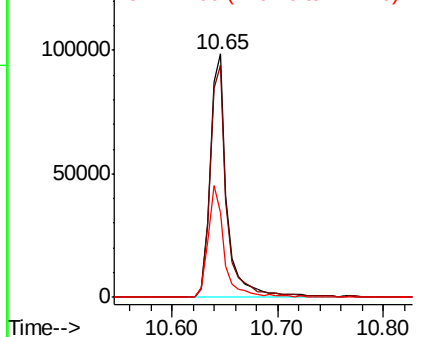
#42
 2,4,6-Tribromophenol
 Concen: 143.488 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-20-22

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

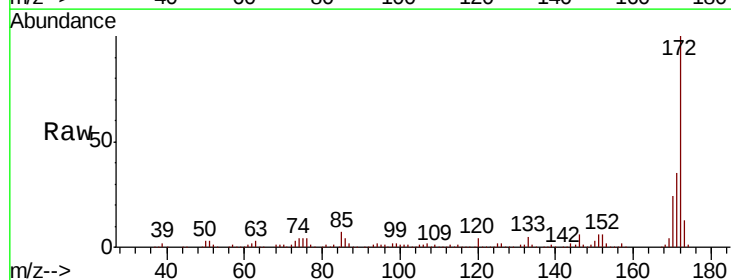


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

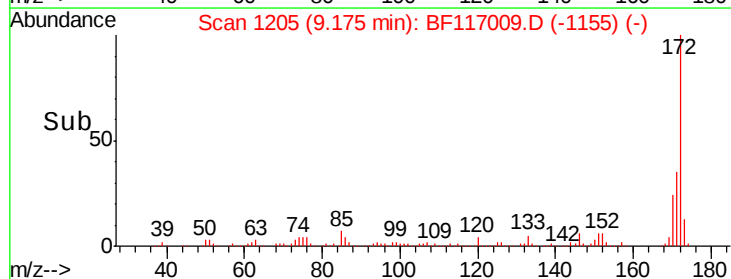
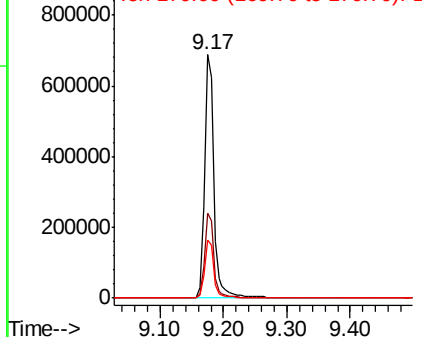


#45
 2-Fluorobiphenyl
 Concen: 102.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF117009.D
 Acq: 12 Sep 2019 23:50

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

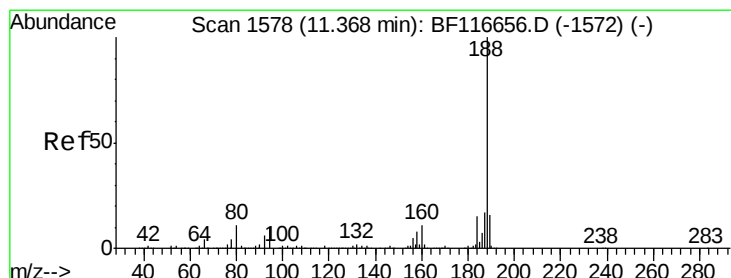
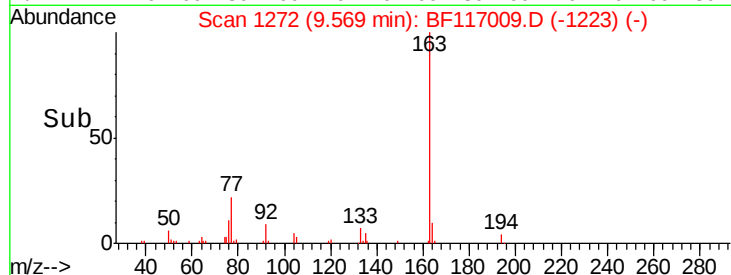
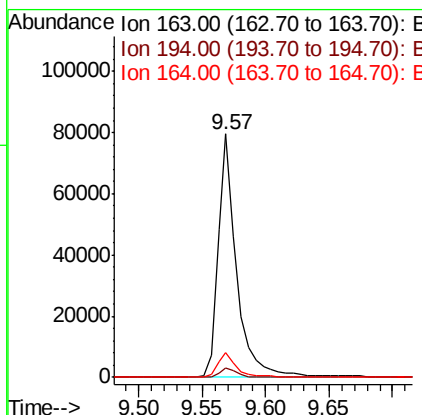
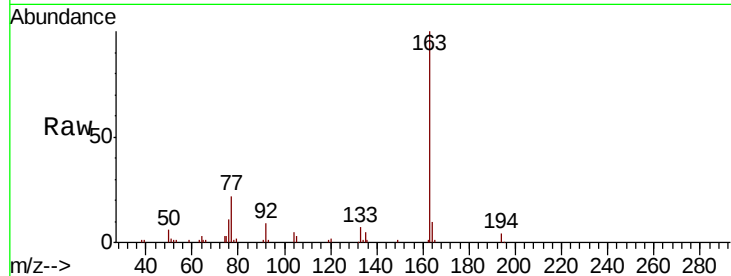




#50
Dimethylphthalate
Concen: 10.266 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

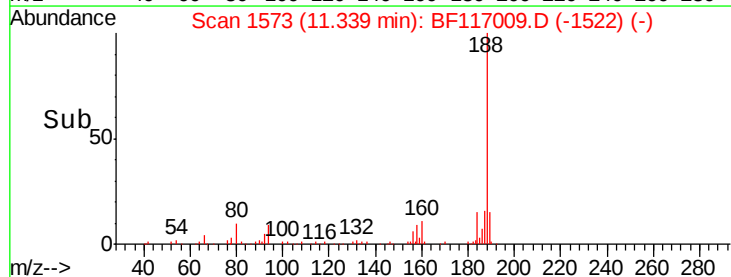
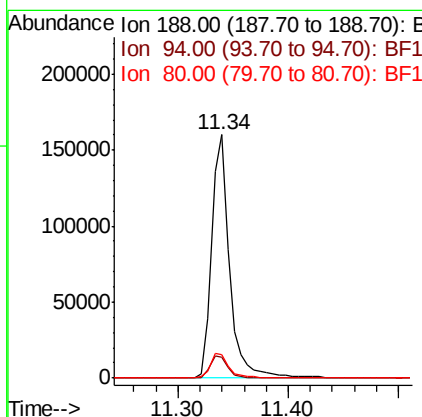
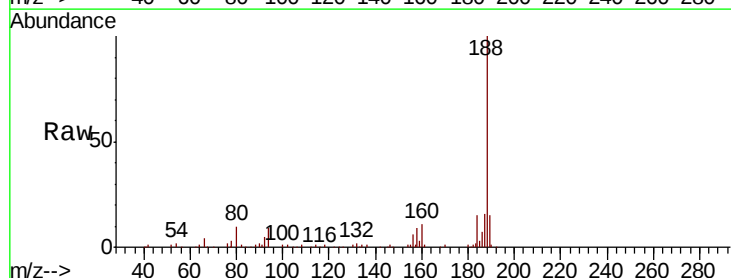
Instrument :
BNA_F
ClientSampleId :
SB-4-20-22

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



#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

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

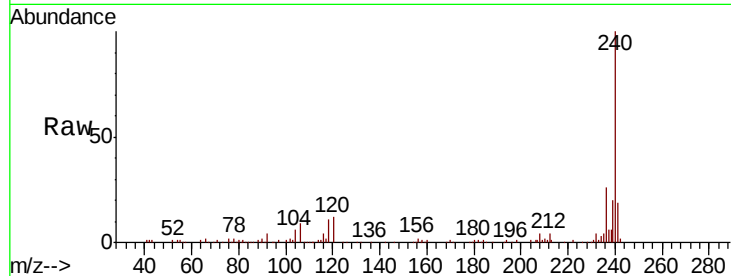




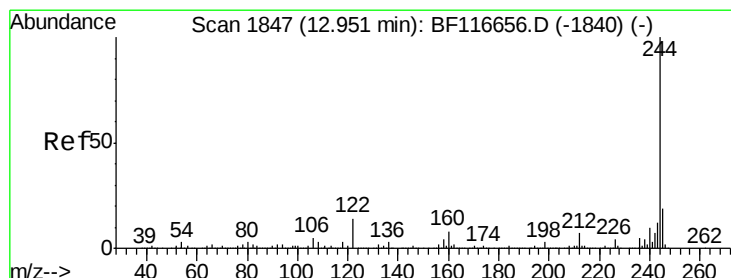
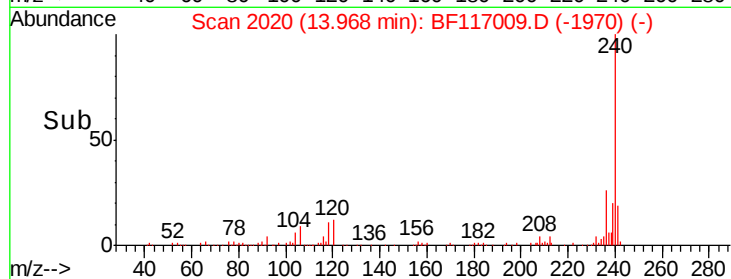
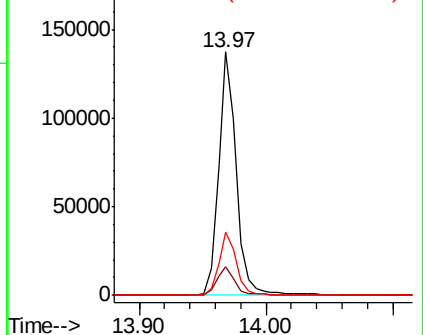
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

Instrument :
BNA_F
ClientSampleId :
SB-4-20-22

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

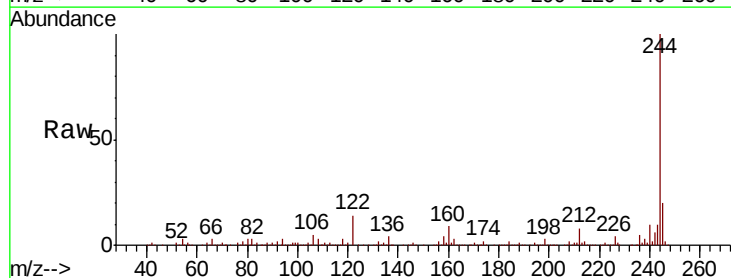


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

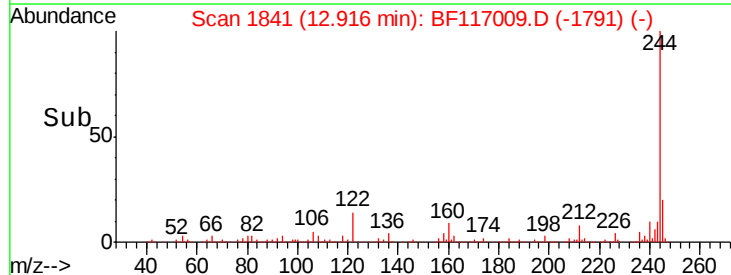
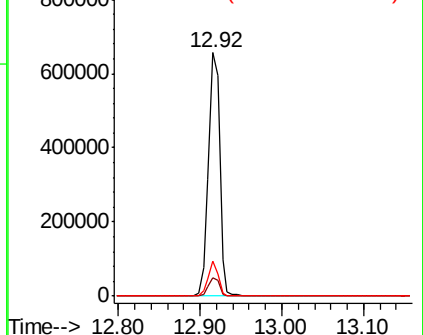


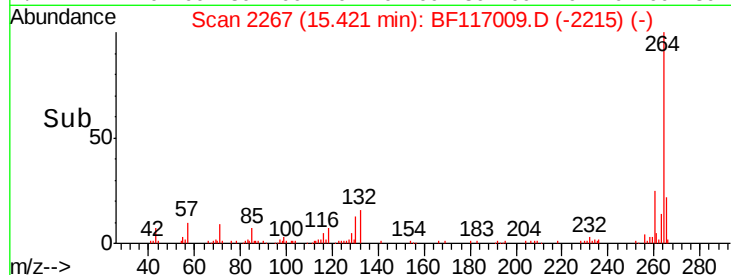
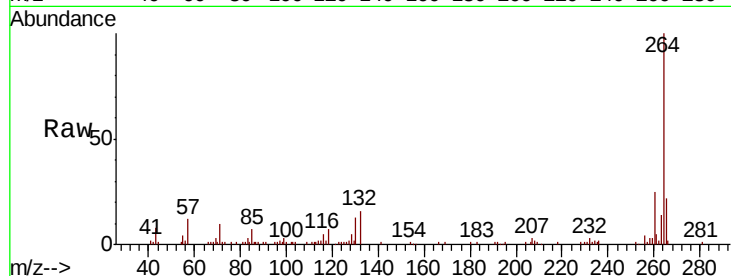
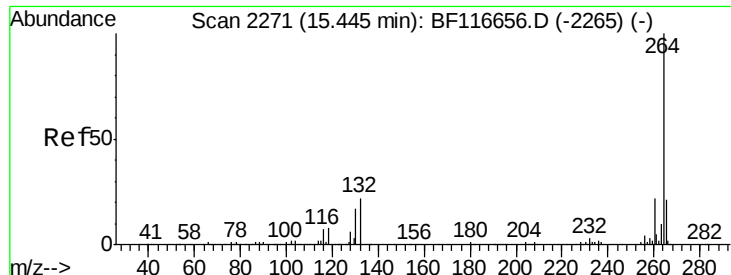
#79
Terphenyl-d14
Concen: 86.838 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117009.D
Acq: 12 Sep 2019 23:50

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



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
 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 :
 SB-4-20-22

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

