

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116945.D
 Acq On : 11 Sep 2019 2:59
 Operator : HP/JU
 Sample : K4759-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-0-4

Quant Time: Sep 11 04:24:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

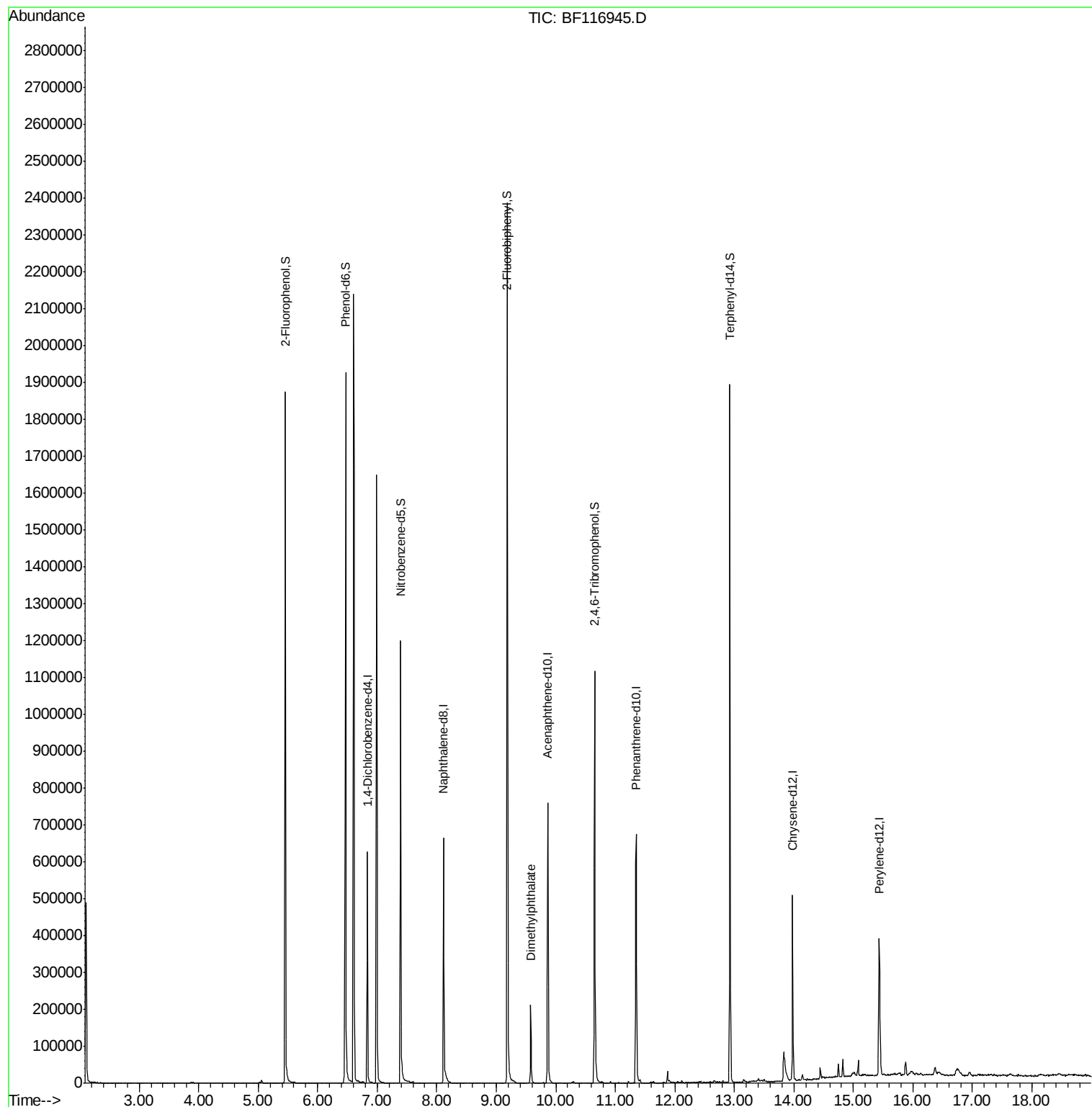
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88989	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	348720	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	180009	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	284821	20.00	ng	0.00
76) Chrysene-d12	13.98	240	159142	20.00	ng	0.00
87) Perylene-d12	15.43	264	173851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	532178	96.88	ng	0.00
7) Phenol-d6	6.47	99	734543	101.84	ng	0.00
23) Nitrobenzene-d5	7.39	82	454177	74.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	136338	113.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	766673	71.85	ng	0.00
79) Terphenyl-d14	12.93	244	631092	73.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	100930	8.121	ng	Qvalue 99

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

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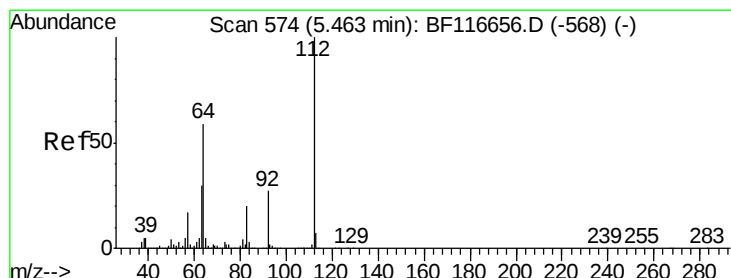
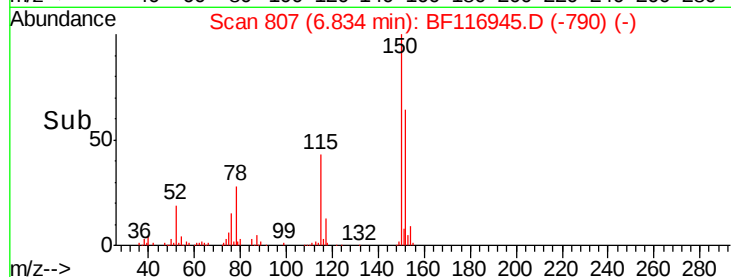
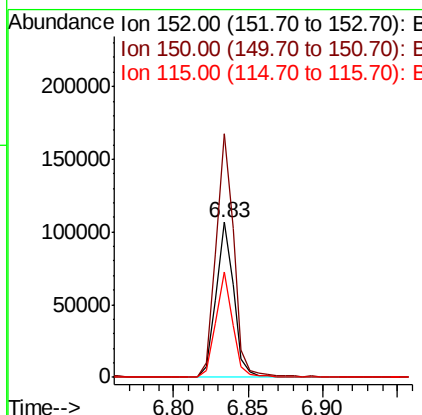
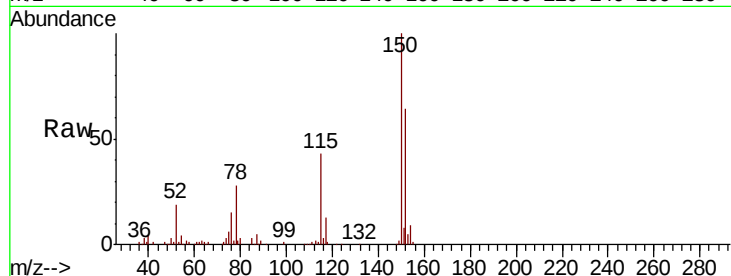


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Instrument :
BNA_F
ClientSampleId :
C-0-4

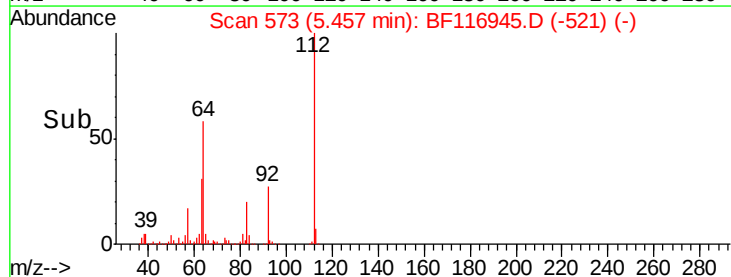
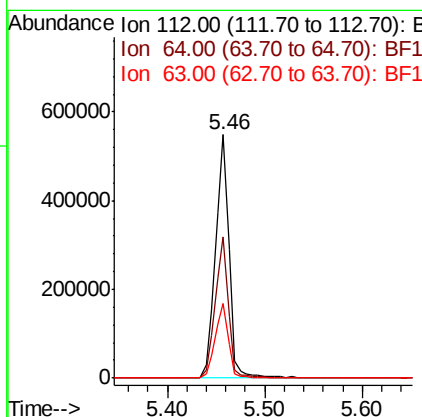
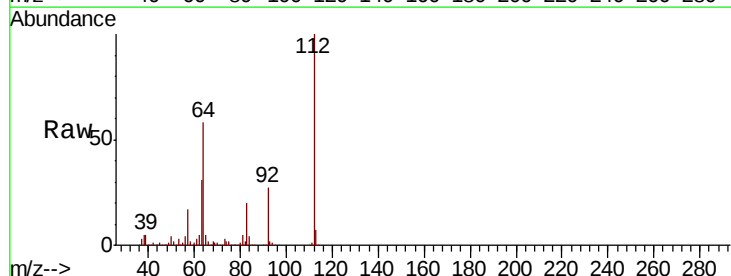
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	67.8	49.9	74.9



#5

2-Fluorophenol
Concen: 96.884 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	30.7	24.9	37.3





#7

Phenol-d6

Concen: 101.838 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Instrument :

BNA_F

ClientSampled :

C-0-4

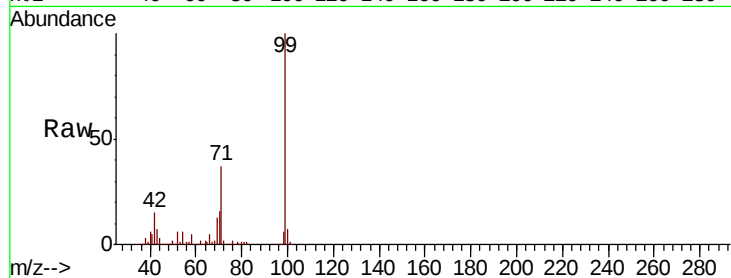
Tot Ion: 99 Resp: 734543

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 36.9 30.8 46.2



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

800000

600000

400000

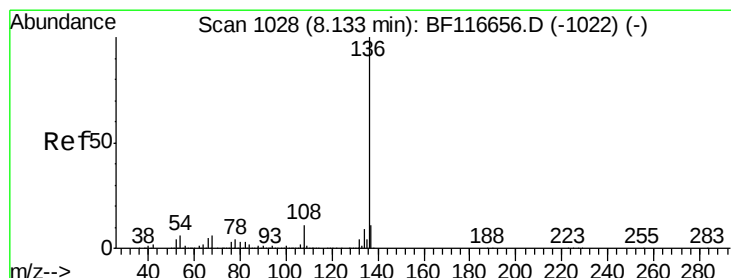
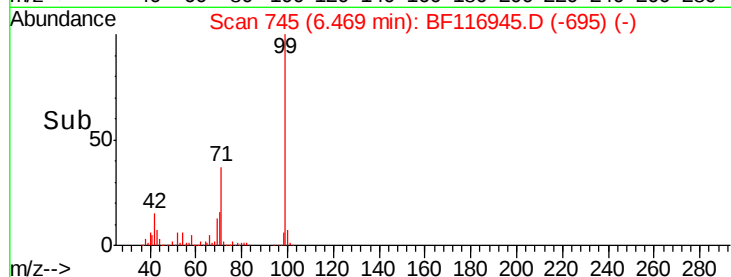
200000

0

6.40 6.50 6.60

6.47

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Tgt Ion: 136 Resp: 348720

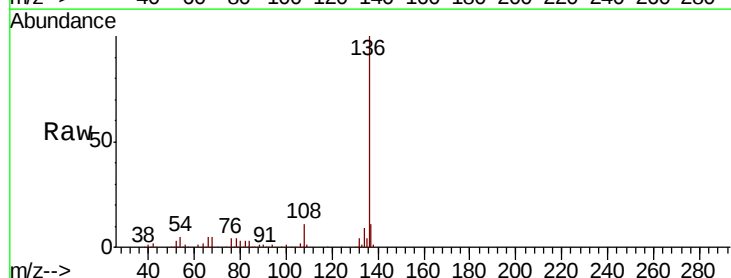
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.4 4.8 7.2

68 4.6 4.0 6.0



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

500000

400000

300000

200000

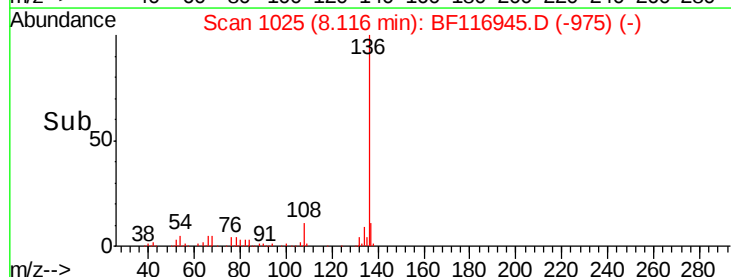
100000

0

8.00 8.10 8.20 8.30

8.12

Time-->

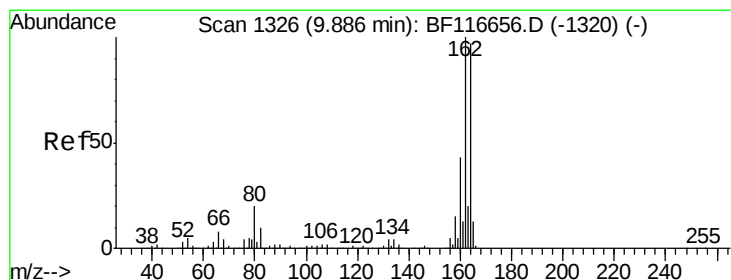
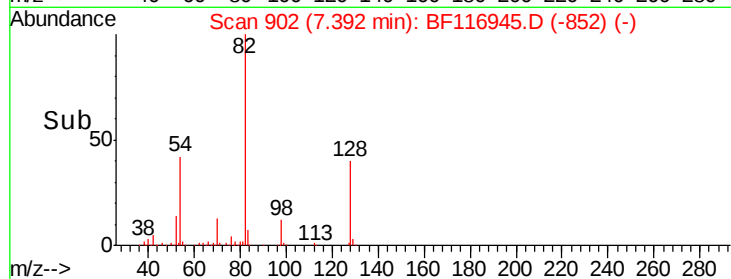
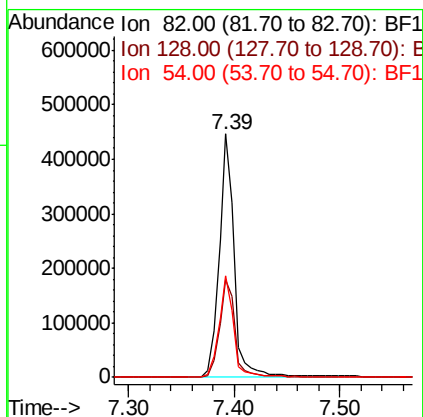
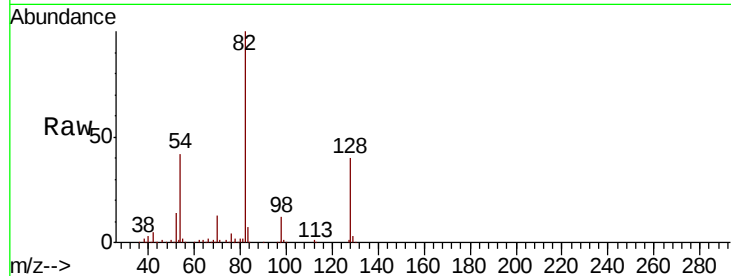




#23
Nitrobenzene-d5
Concen: 74.351 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

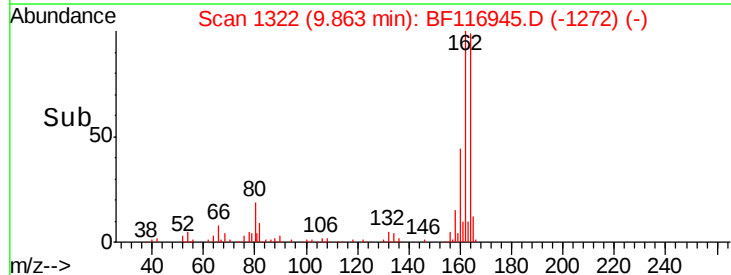
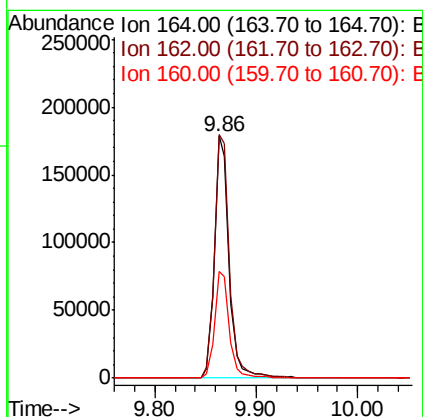
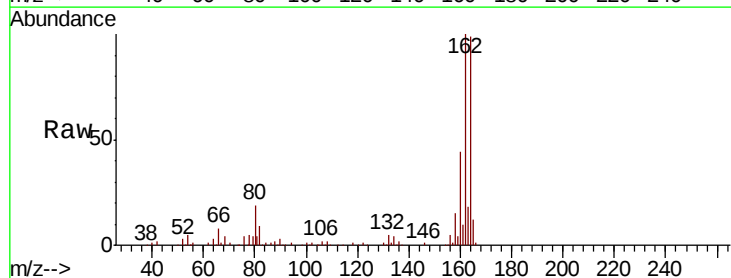
Instrument :
BNA_F
ClientSampleId :
C-0-4

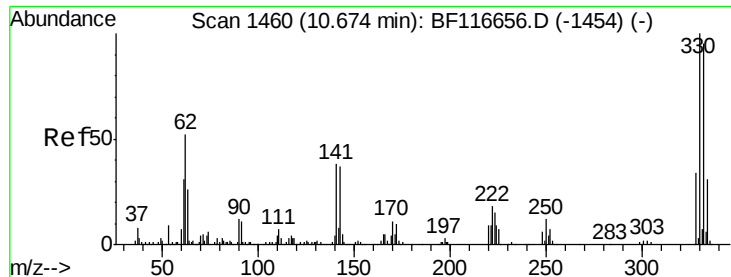
Tot Ion	82	Resp	454177
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.8	49.2
54	41.9	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116945.D
Acq: 11 Sep 2019 2:59

Tgt Ion	164	Resp	180009
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.4	122.0
160	44.3	35.4	53.2

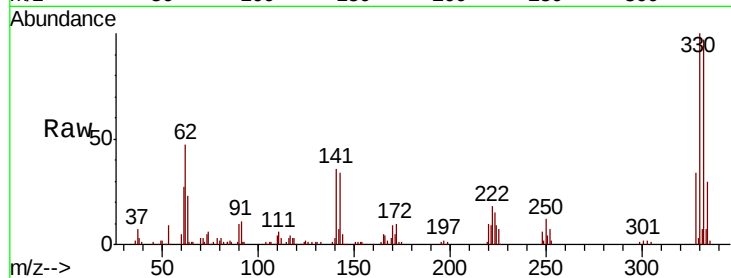




#42
 2,4,6-Tribromophenol
 Concen: 113.294 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 C-0-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	45.6	31.4	47.2

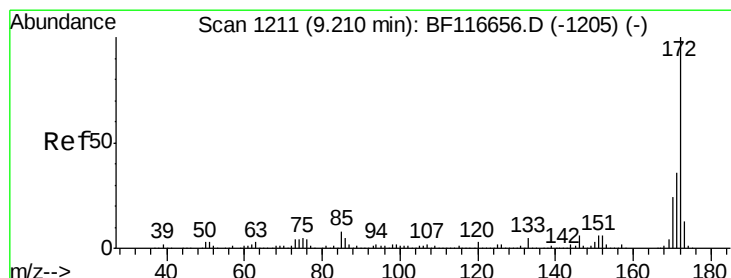
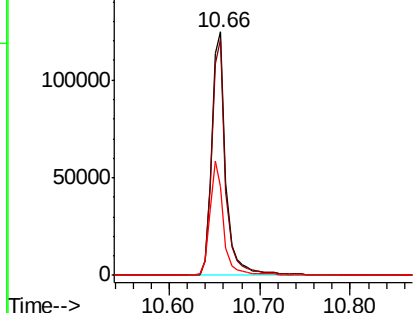
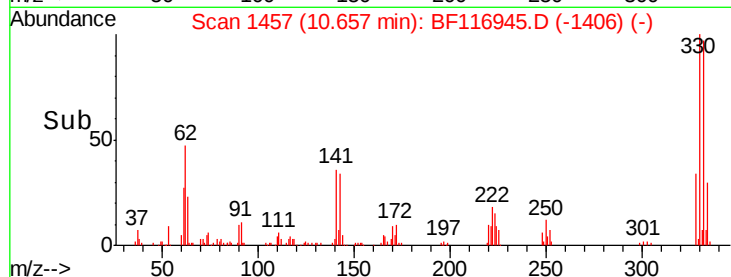


Abundance

Ion 329.80 (329.50 to 330.50): E

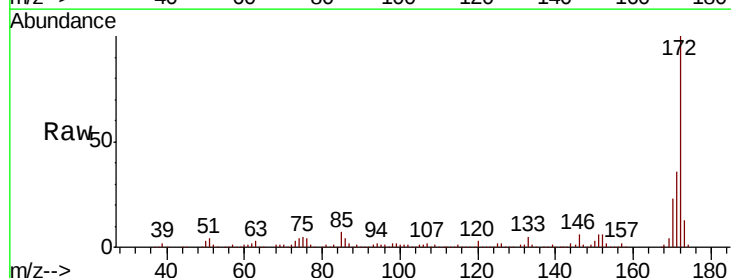
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.846 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	23.4	18.9	28.3

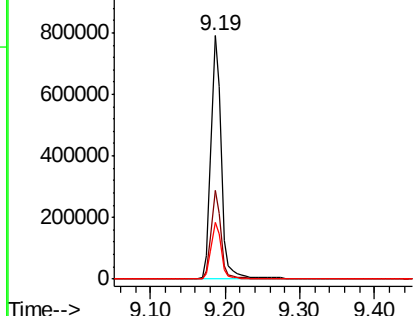
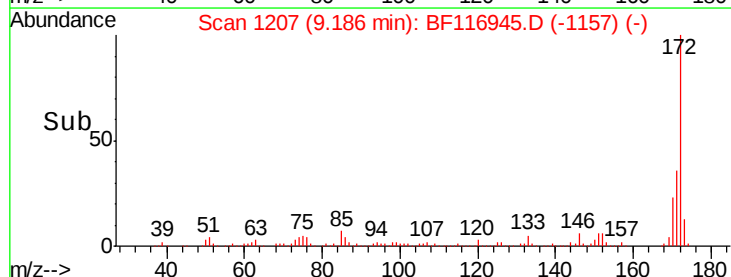


Abundance

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: 8.121 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

Instrument :

BNA_F

ClientSampleId :

C-0-4

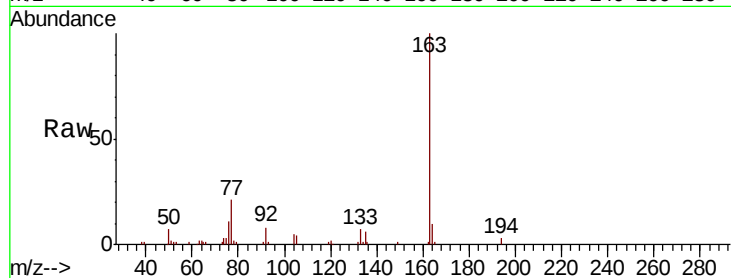
Tot Ion:163 Resp: 100930

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

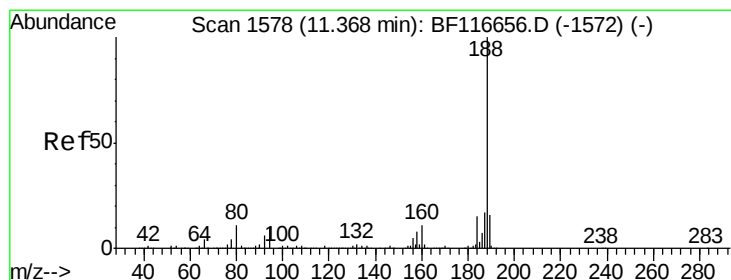
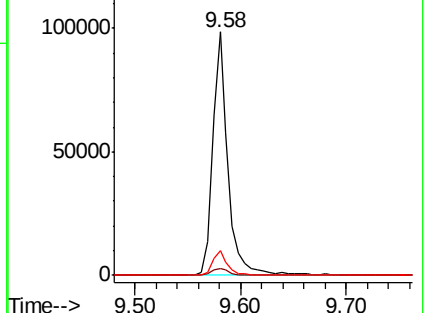
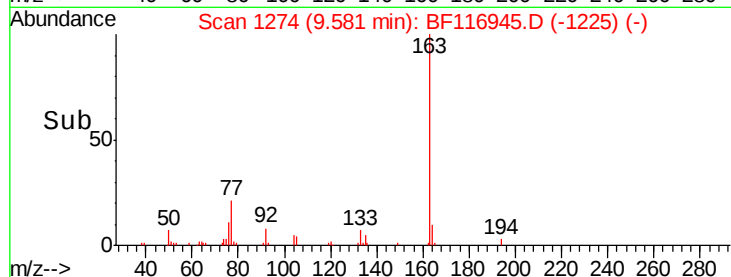
164 10.3 8.6 12.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF116945.D

Acq: 11 Sep 2019 2:59

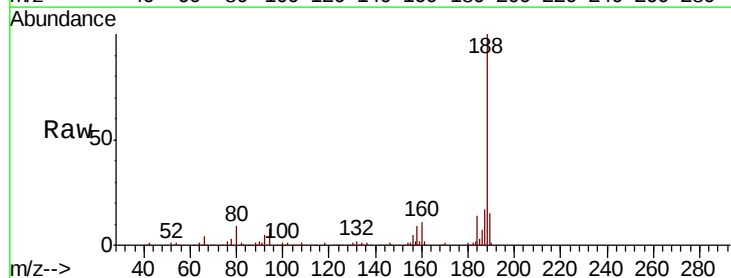
Tgt Ion:188 Resp: 284821

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

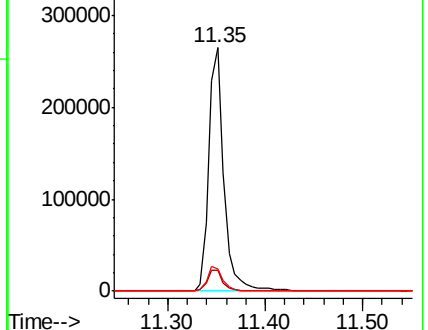
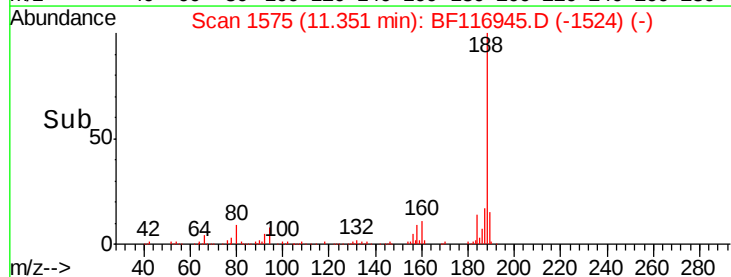
80 9.1 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

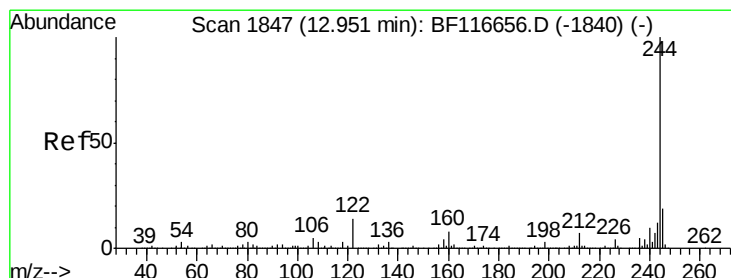
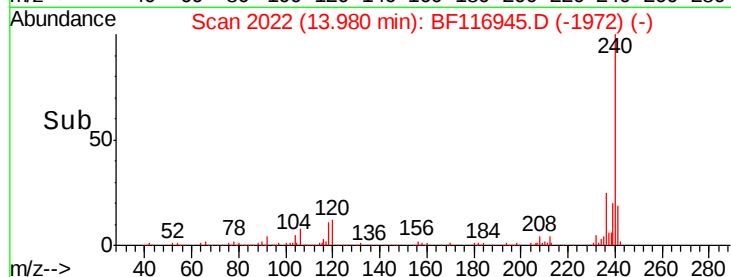
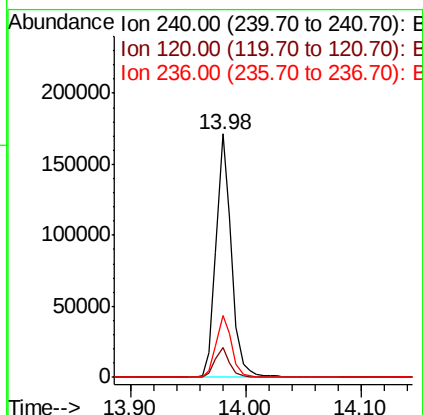
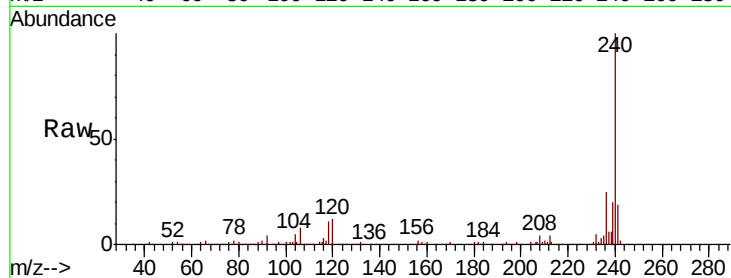




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

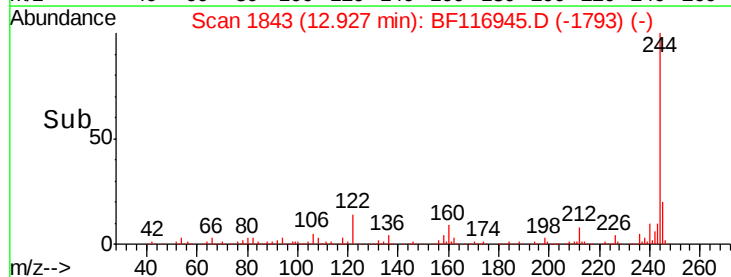
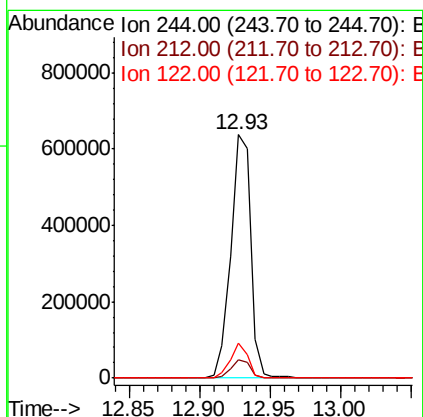
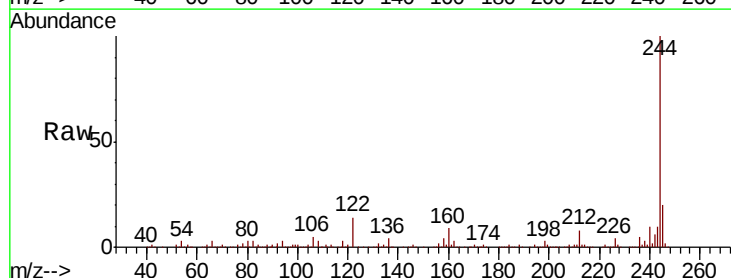
Instrument :
 BNA_F
 ClientSampleId :
 C-0-4

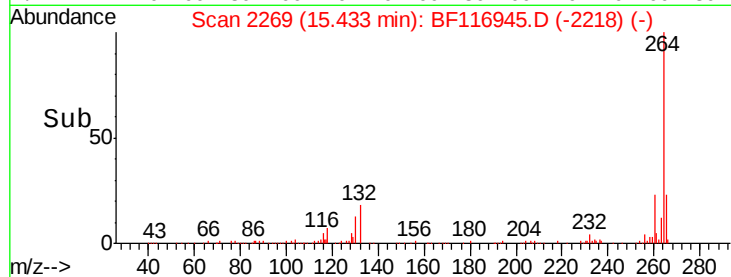
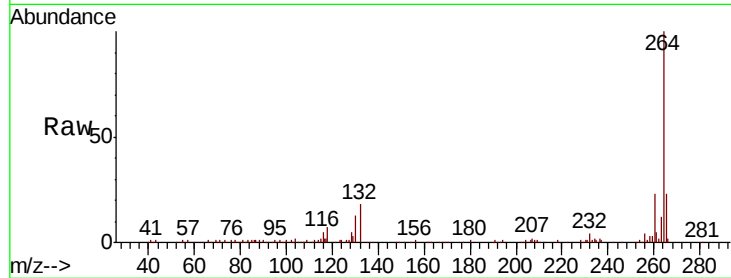
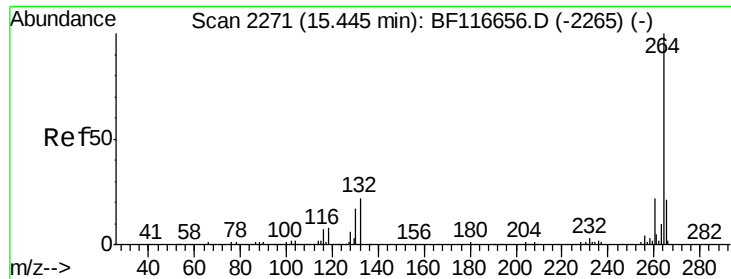
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.1	13.7
236	25.3	21.1	31.7



#79
 Terphenyl-d14
 Concen: 73.361 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.1	10.2	15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116945.D
 Acq: 11 Sep 2019 2:59

Instrument :
 BNA_F
 ClientSampleId :
 C-0-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.8	16.5	24.7

