

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116946.D
 Acq On : 11 Sep 2019 3:26
 Operator : HP/JU
 Sample : K4658-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-090619

Quant Time: Sep 11 04:26:02 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

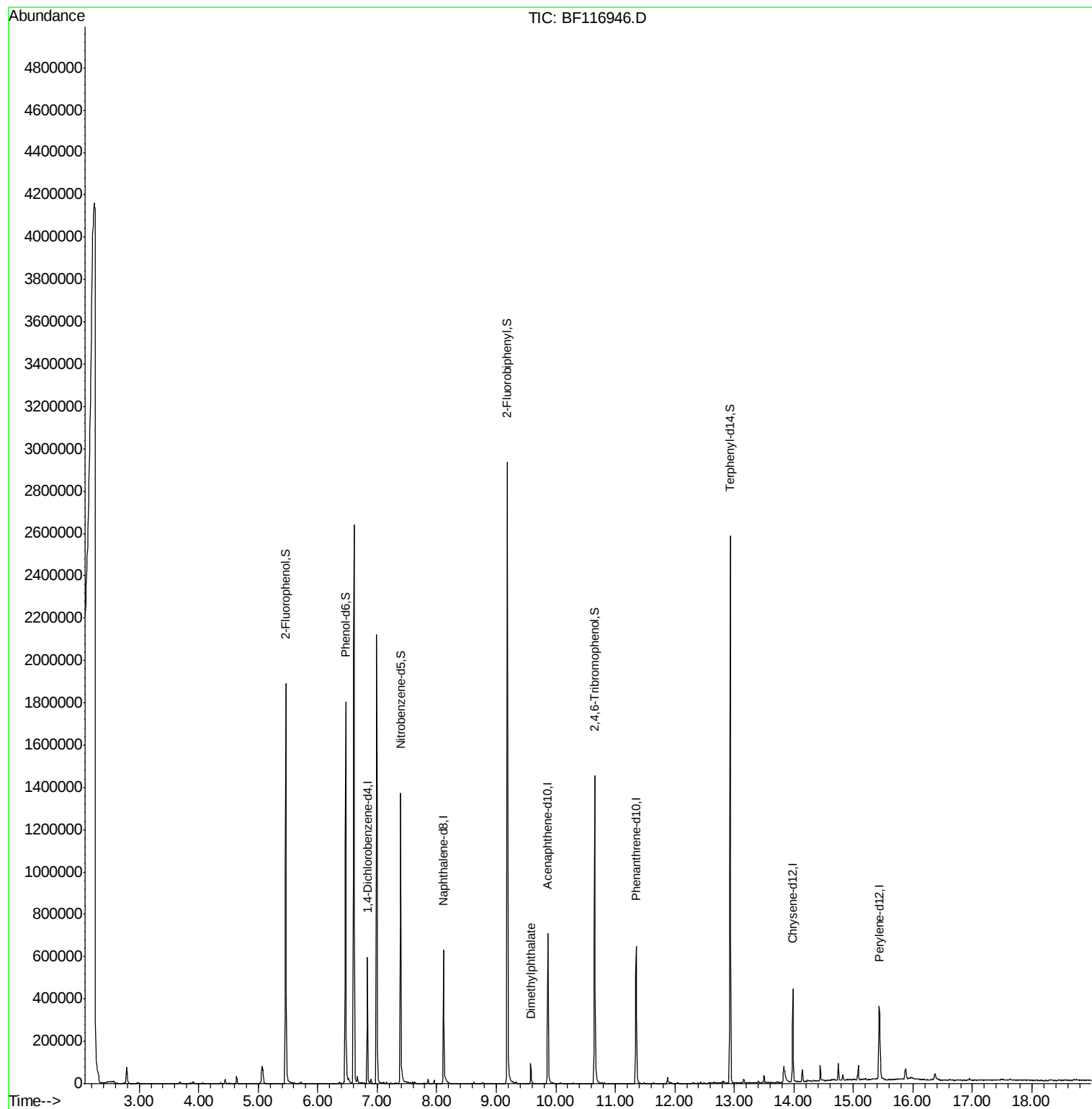
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83713	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	325907	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	164998	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	261889	20.00	ng	0.00
76) Chrysene-d12	13.98	240	152822	20.00	ng	0.00
87) Perylene-d12	15.43	264	168295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	605186	117.12	ng	0.02
7) Phenol-d6	6.47	99	726167	107.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	564492	98.88	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	185355	168.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	984827	100.69	ng	0.00
79) Terphenyl-d14	12.93	244	830537	100.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	46714	4.101	ng	Qvalue 98

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

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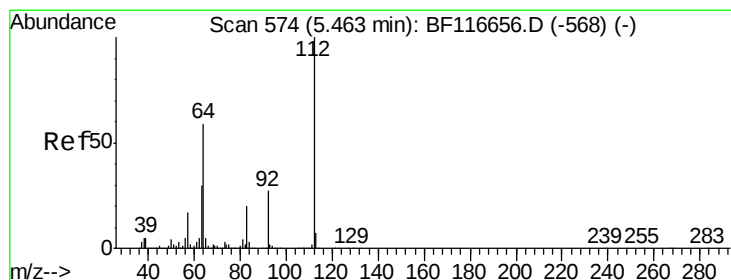
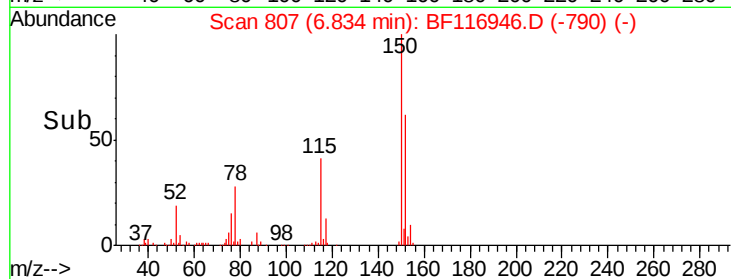
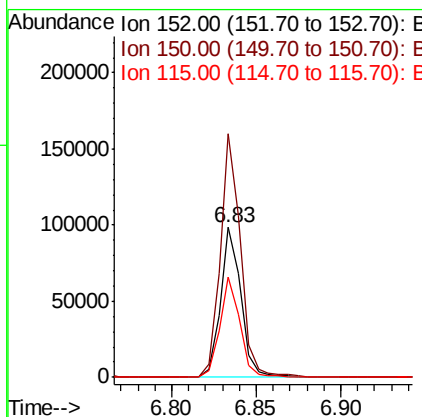
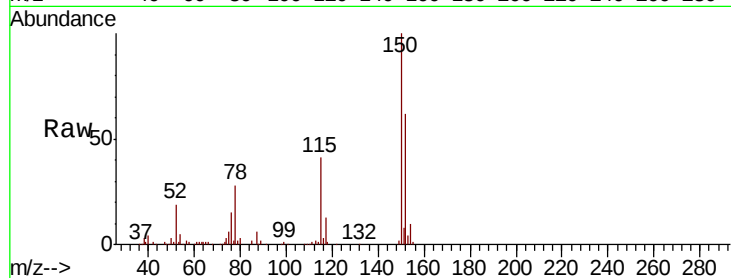


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116946.D
Acq: 11 Sep 2019 3:26

Instrument :
BNA_F
ClientSampleId :
HR-06-090619

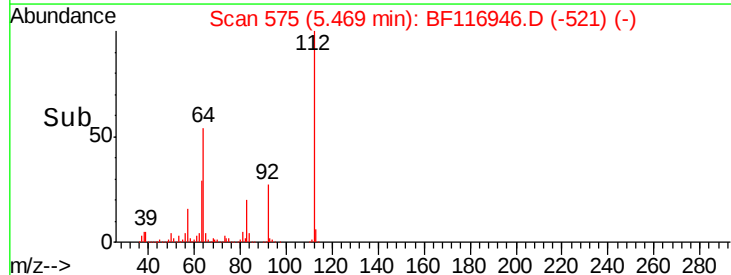
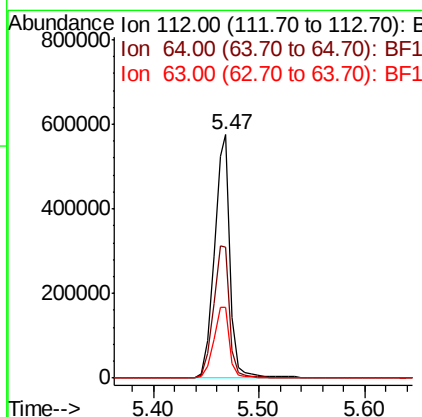
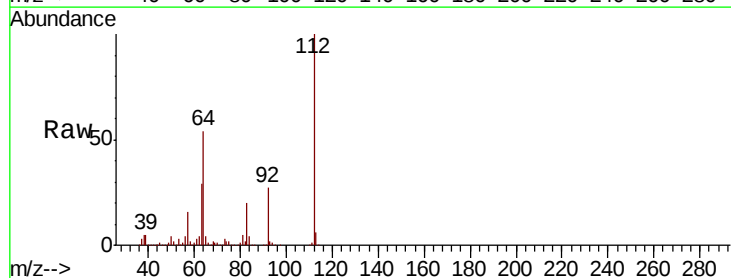
Tot Ion	152	Resp	83713
Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.4	186.6
115	66.8	49.9	74.9



#5

2-Fluorophenol
Concen: 117.119 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116946.D
Acq: 11 Sep 2019 3:26

Tgt Ion	112	Resp	605186
Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.1	70.7
63	29.1	24.9	37.3





#7

Phenol-d6

Concen: 107.022 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116946.D

Acq: 11 Sep 2019 3:26

Instrument :

BNA_F

ClientSampleId :

HR-06-090619

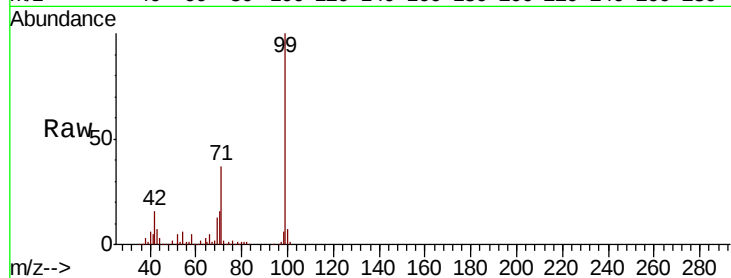
Tot Ion: 99 Resp: 726167

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

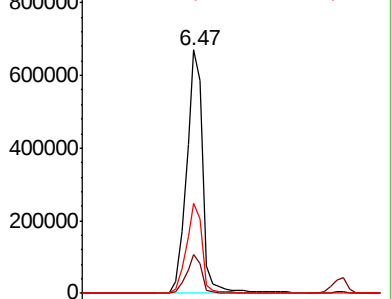
71 37.2 30.8 46.2



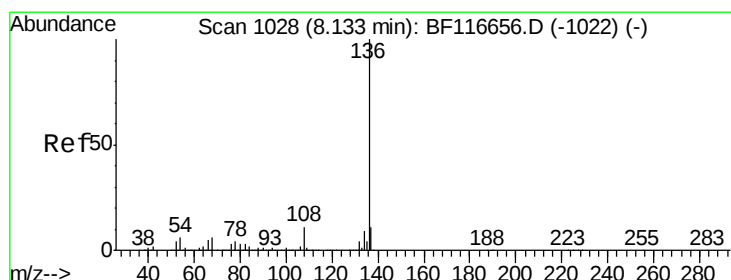
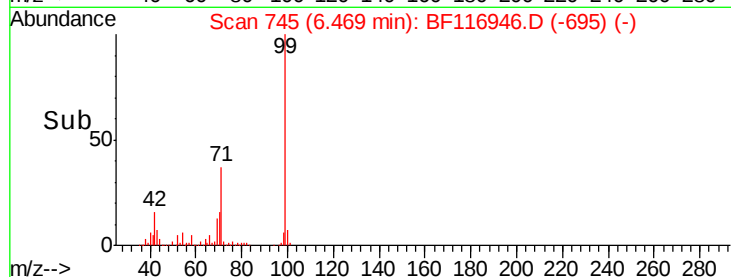
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116946.D

Acq: 11 Sep 2019 3:26

Tgt Ion: 136 Resp: 325907

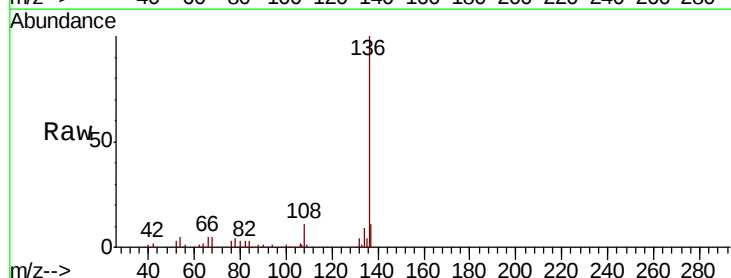
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.1 4.8 7.2

68 5.0 4.0 6.0

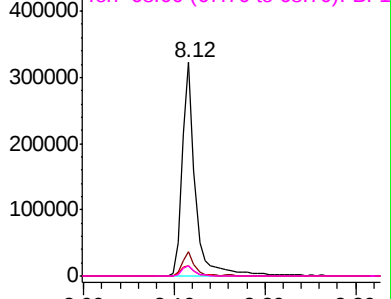


Abundance Ion 136.00 (135.70 to 136.70): E

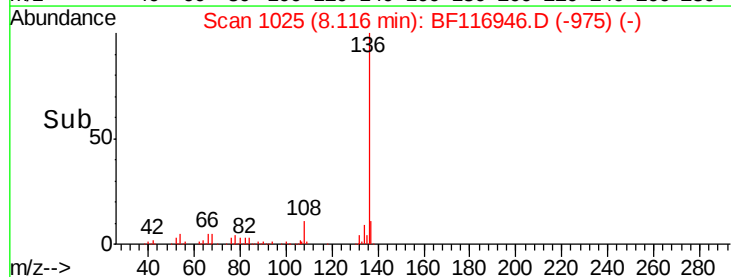
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

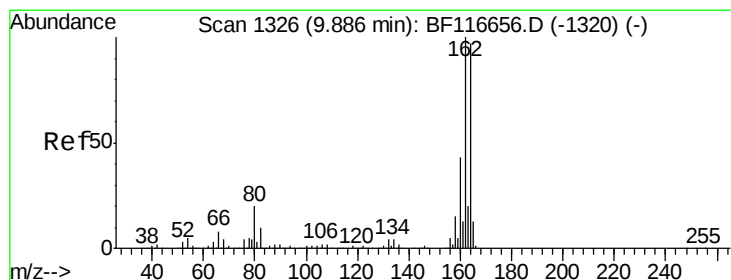
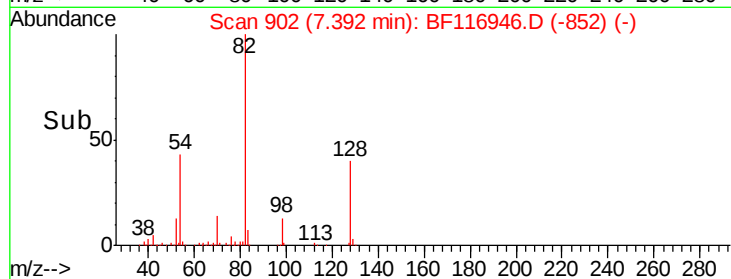
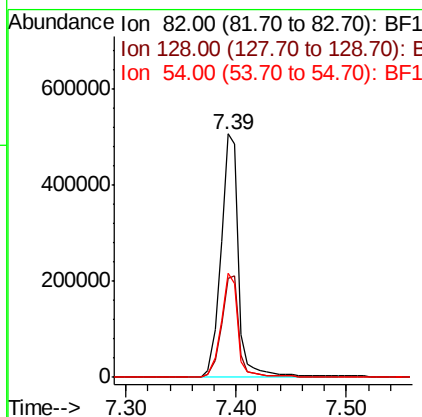
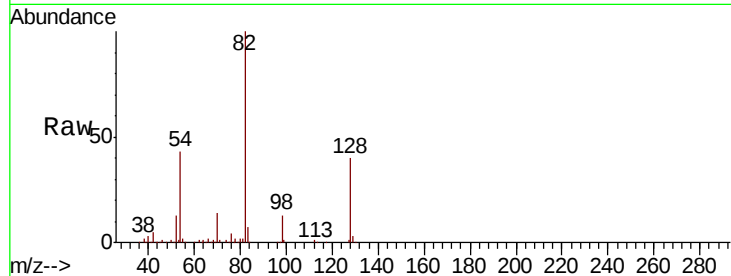




#23
 Nitrobenzene-d5
 Concen: 98.879 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116946.D
 Acq: 11 Sep 2019 3:26

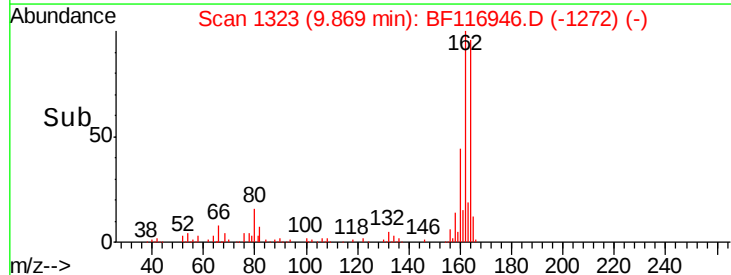
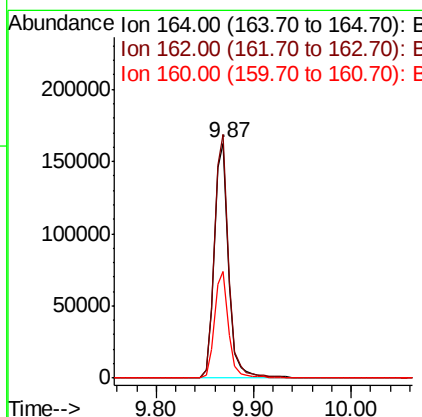
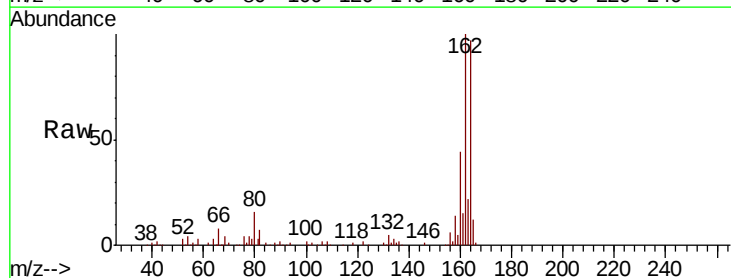
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-090619

Tot Ion	82	Resp	564492
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.8	49.2
54	42.9	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF116946.D
 Acq: 11 Sep 2019 3:26

Tgt Ion	164	Resp	164998
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.4	122.0
160	45.6	35.4	53.2

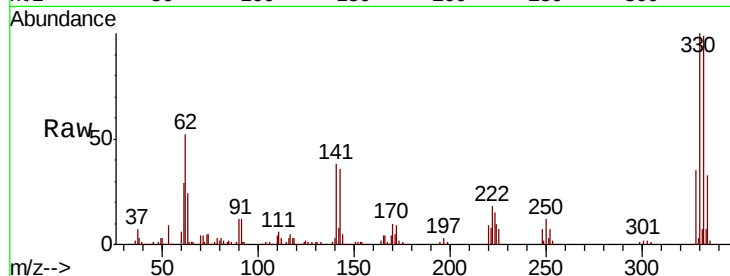




#42
 2,4,6-Tribromophenol
 Concen: 168.039 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116946.D
 Acq: 11 Sep 2019 3:26

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-090619

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	44.4	31.4	47.2

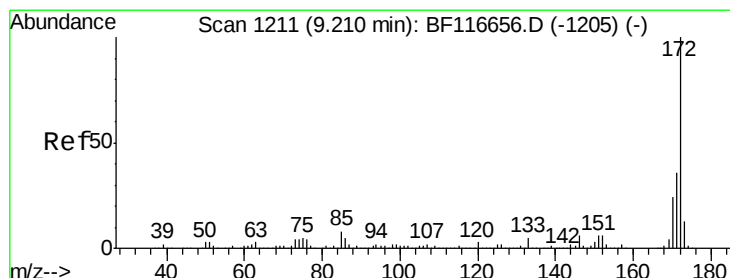
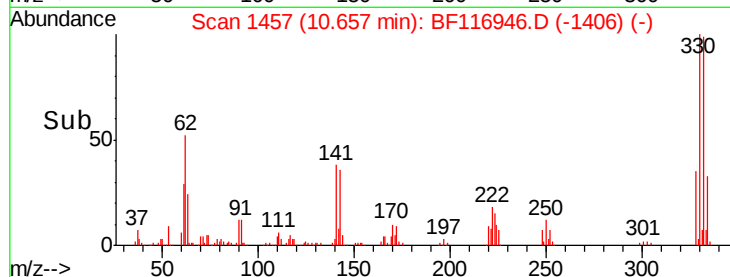
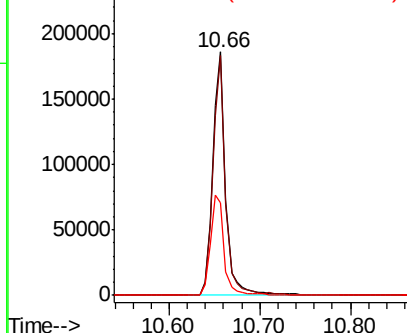


Abundance

Ion 329.80 (329.50 to 330.50): E

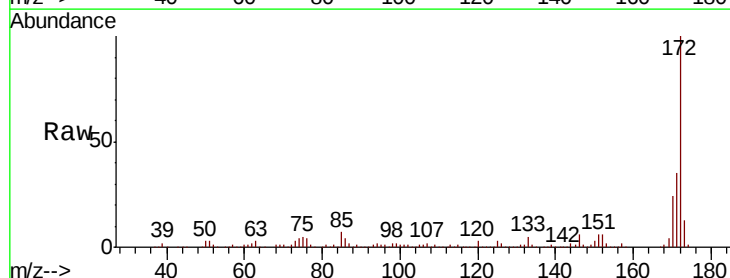
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.686 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116946.D
 Acq: 11 Sep 2019 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.7	18.9	28.3

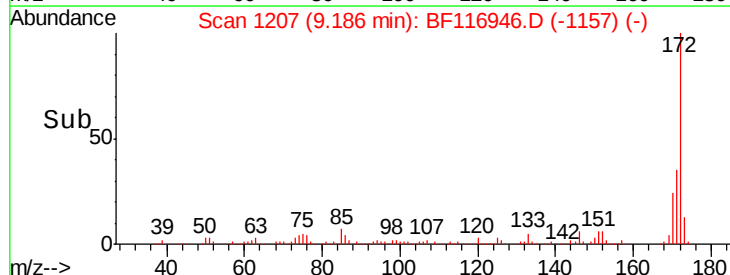
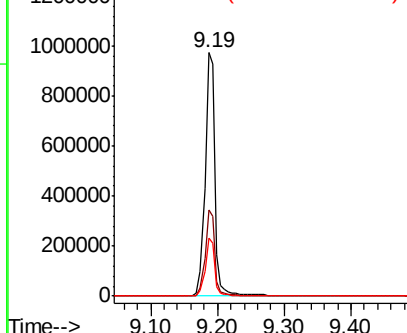


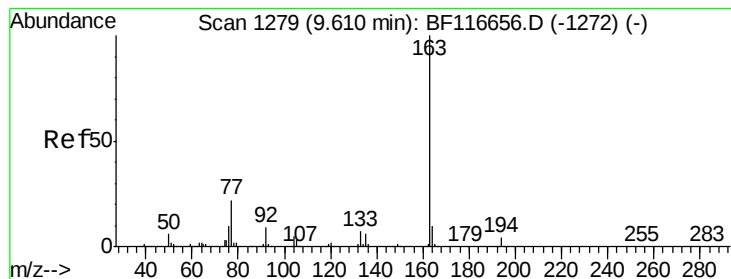
Abundance

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: 4.101 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116946.D

Acq: 11 Sep 2019 3:26

Instrument :

BNA_F

ClientSampleId :

HR-06-090619

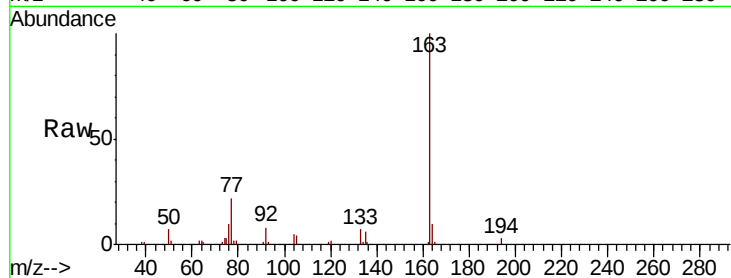
Tot Ion:163 Resp: 46714

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

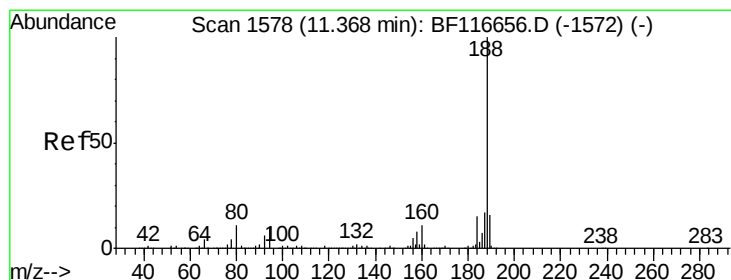
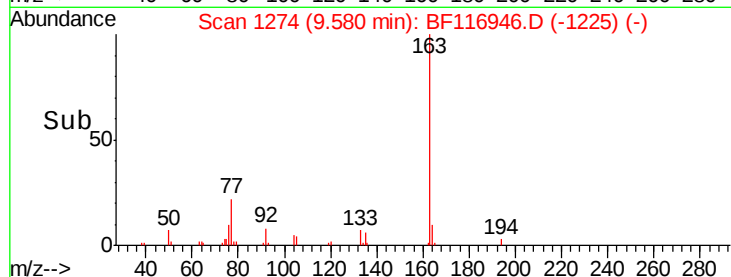
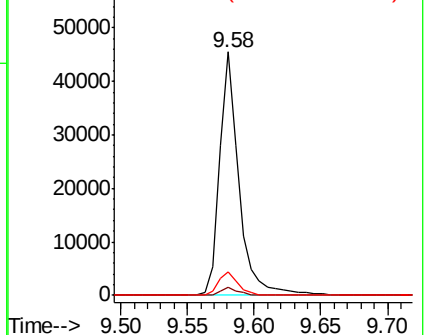
164 9.6 8.6 12.8



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: BF116946.D

Acq: 11 Sep 2019 3:26

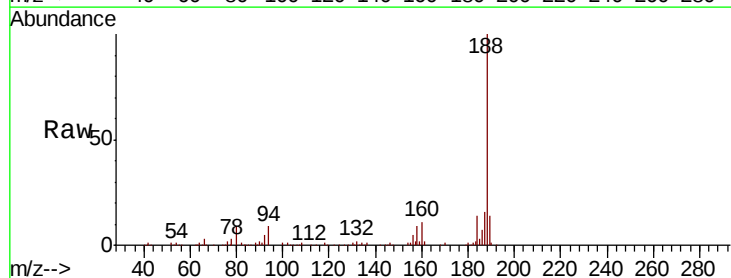
Tgt Ion:188 Resp: 261889

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

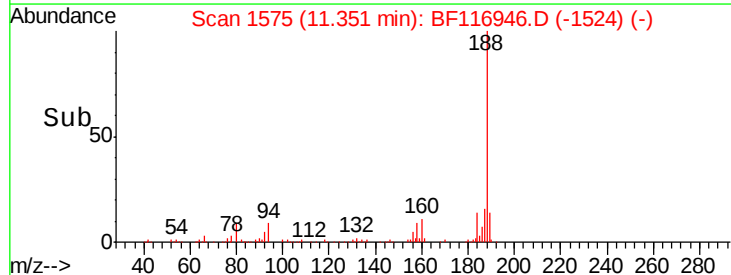
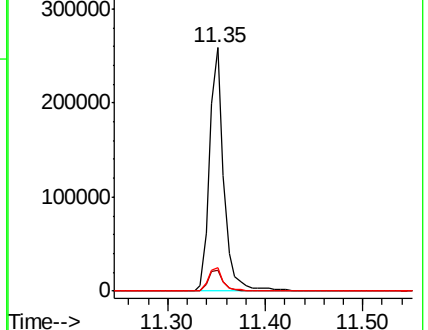
80 9.5 8.4 12.6



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

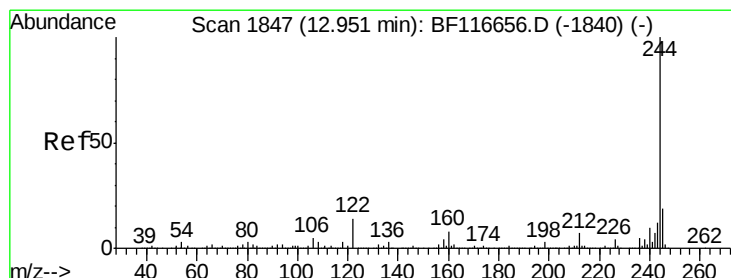
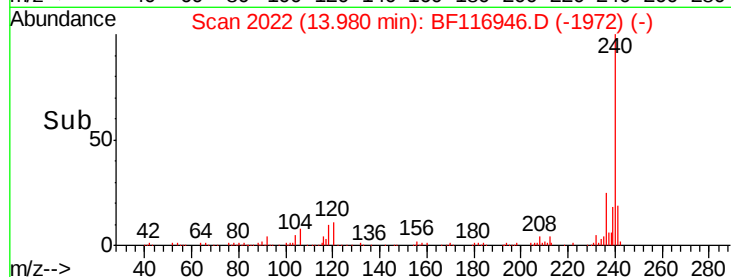
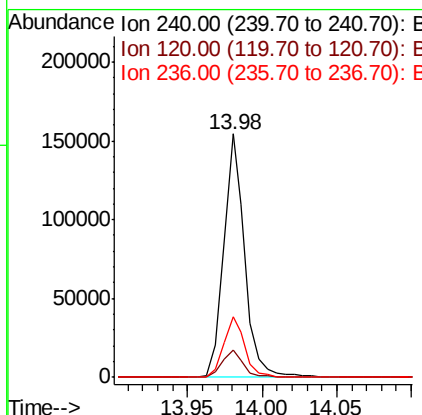
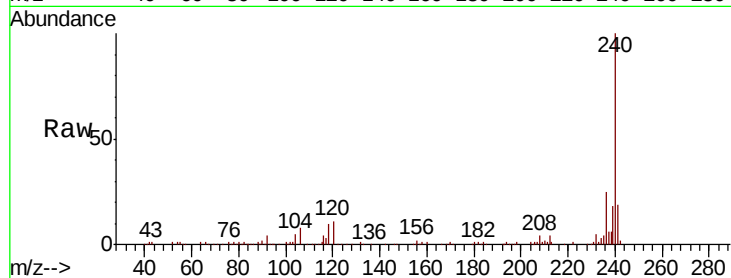




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116946.D
Acq: 11 Sep 2019 3:26

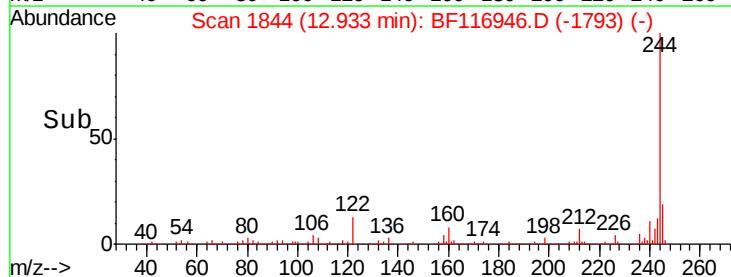
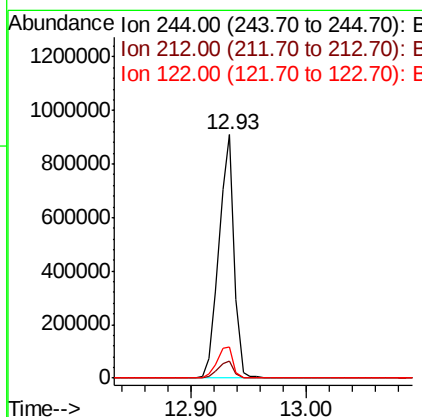
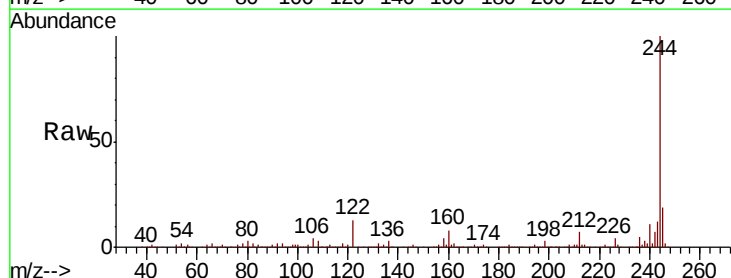
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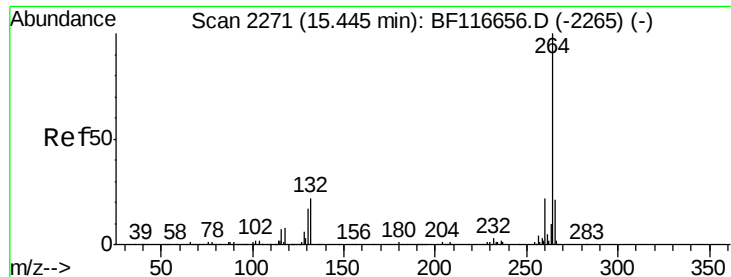
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.1	13.7
236	25.0	21.1	31.7



#79
Terphenyl-d14
Concen: 100.538 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF116946.D
Acq: 11 Sep 2019 3:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.6	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: BF116946.D
Acq: 11 Sep 2019 3:26

Instrument :
BNA_F
ClientSampleId :
HR-06-090619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	20.8	16.5	24.7

