

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116978.D
 Acq On : 12 Sep 2019 6:27
 Operator : HP/JU
 Sample : K4764-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-3

Quant Time: Sep 12 08:35:30 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

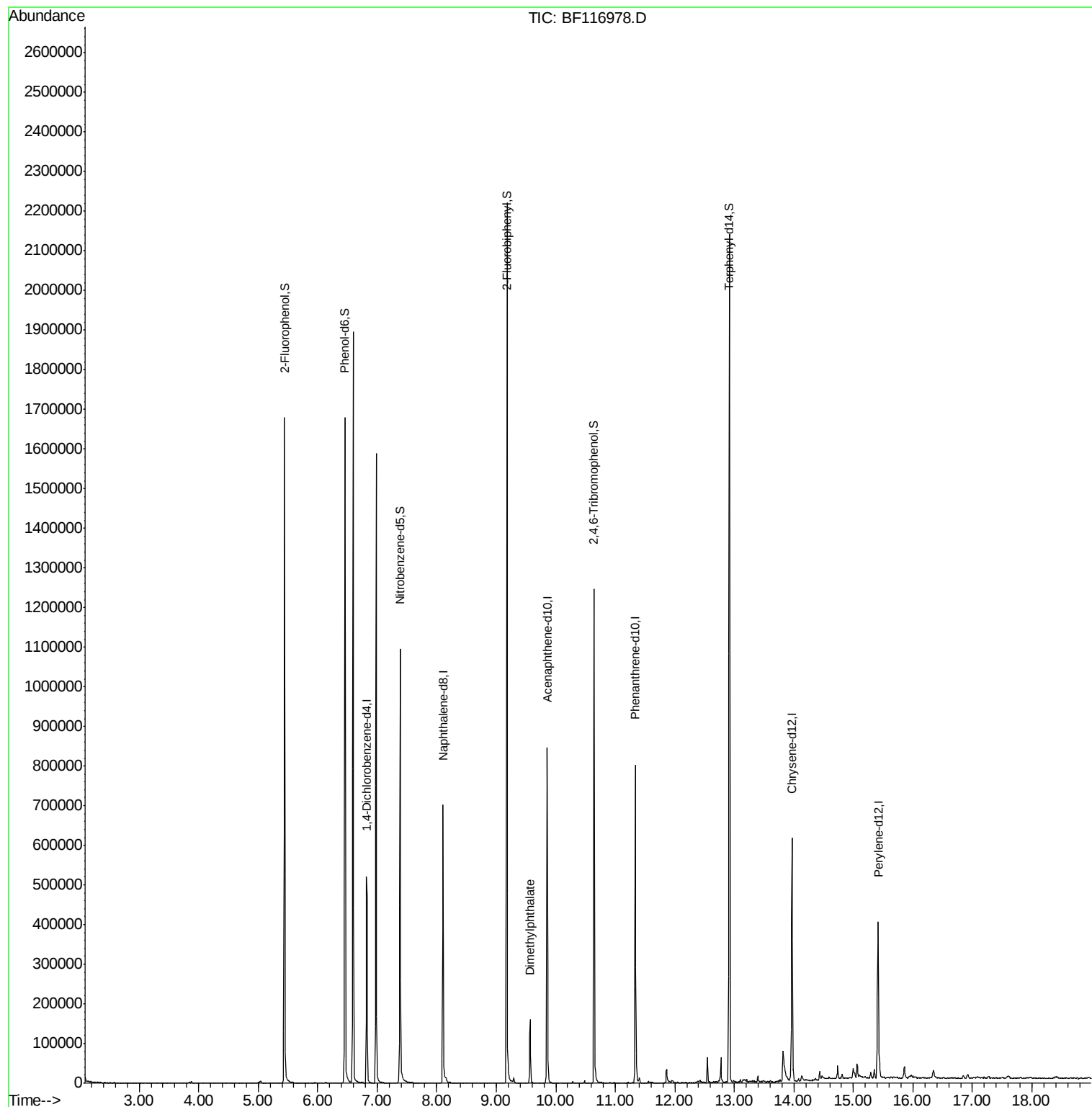
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81399	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	340894	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	186129	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	311681	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	183855	20.00	ng	-0.02
87) Perylene-d12	15.42	264	185145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	484713	96.47	ng	0.00
7) Phenol-d6	6.46	99	670487	101.62	ng	-0.02
23) Nitrobenzene-d5	7.39	82	426258	71.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	142274	114.34	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	736391	66.74	ng	-0.01
79) Terphenyl-d14	12.92	244	683531	68.78	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	69569	5.414	ng	Qvalue 98

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

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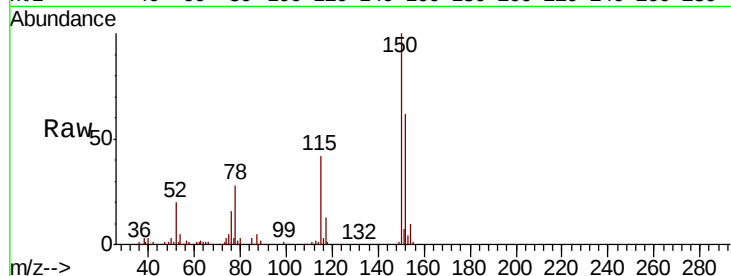


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.4	186.6
115	67.1	49.9	74.9

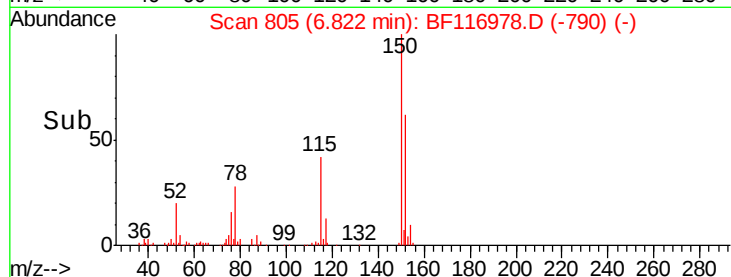
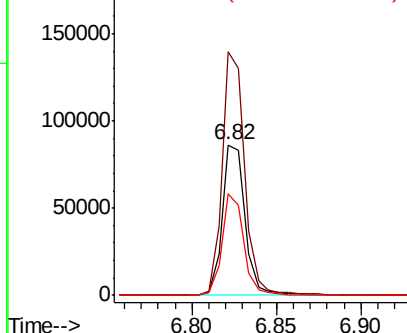


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

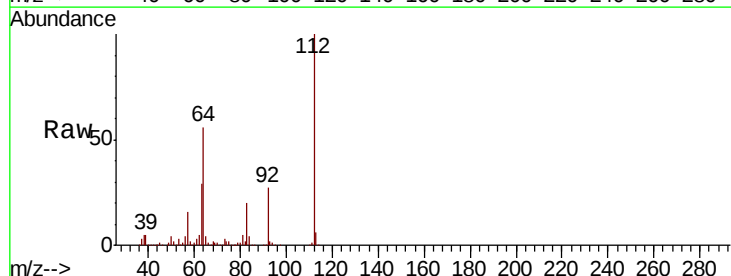
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.471 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.1	70.7
63	29.5	24.9	37.3

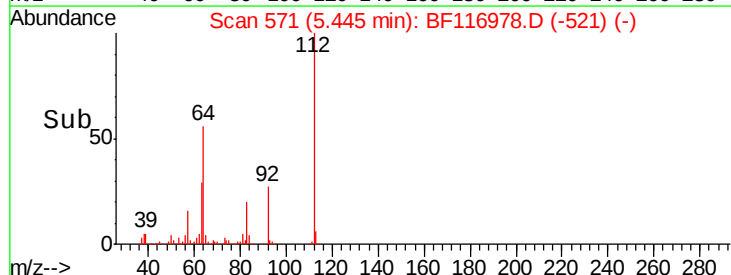
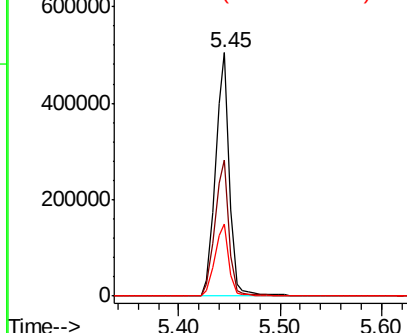


Abundance

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: 101.625 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116978.D

Acq: 12 Sep 2019 6:27

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-3

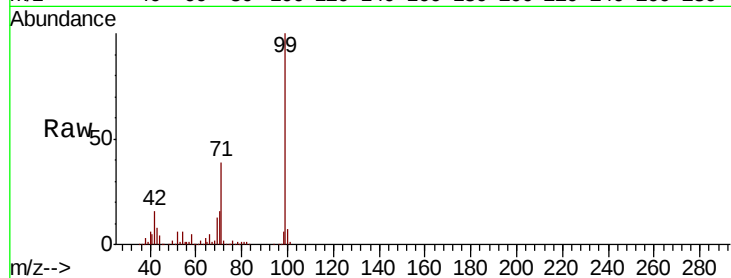
Tot Ion: 99 Resp: 670487

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

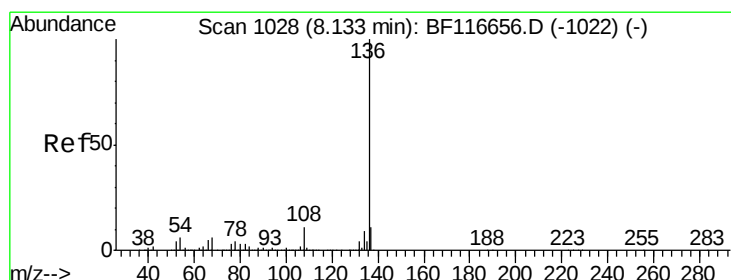
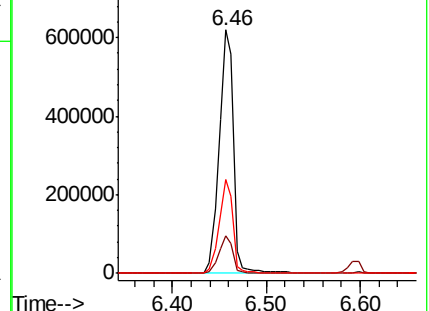
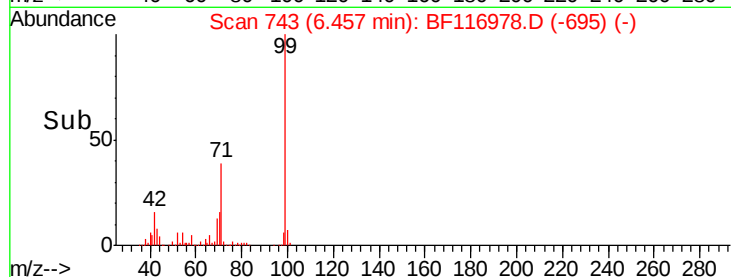
71 38.6 30.8 46.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116978.D

Acq: 12 Sep 2019 6:27

Tgt Ion: 136 Resp: 340894

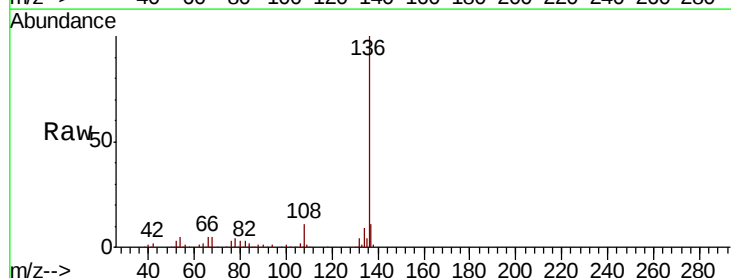
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.5 4.8 7.2

68 4.5 4.0 6.0

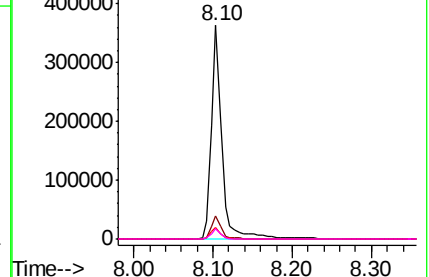
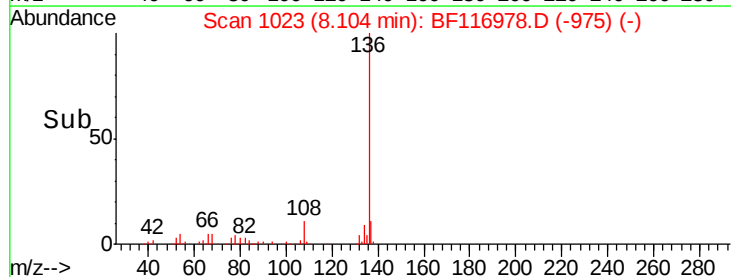


Abundance Ion 136.00 (135.70 to 136.70): E

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

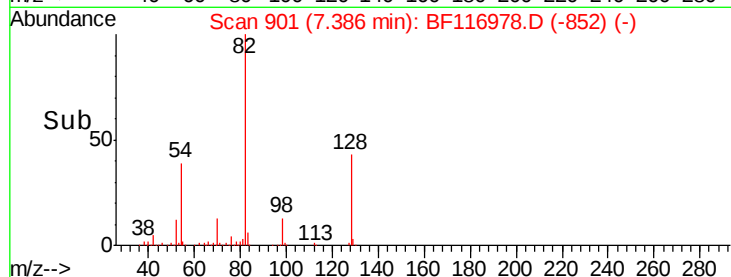
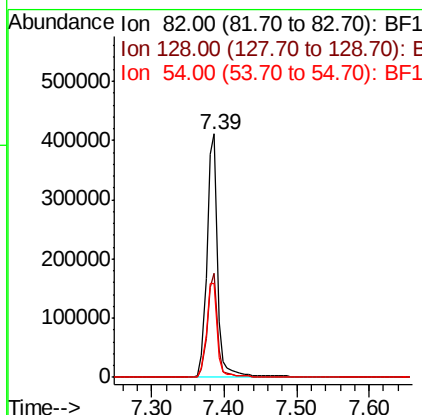
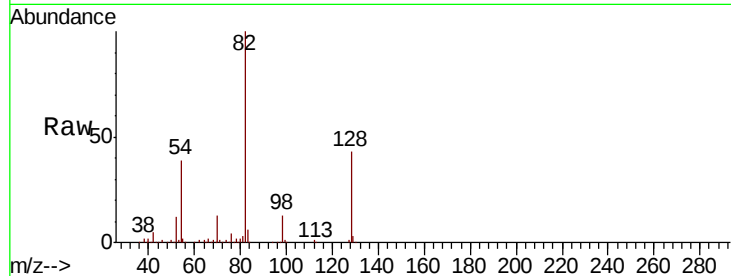




#23
Nitrobenzene-d5
Concen: 71.383 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

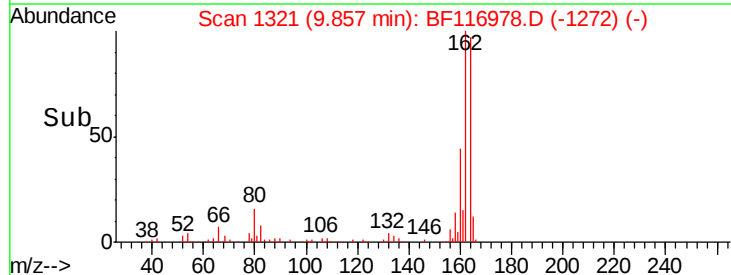
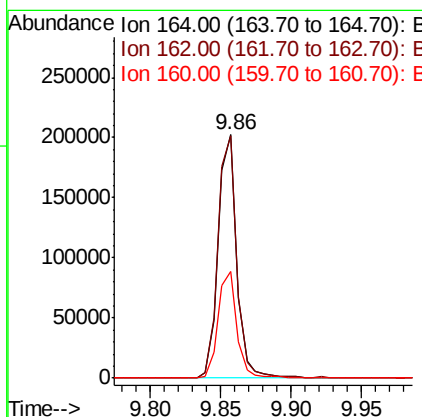
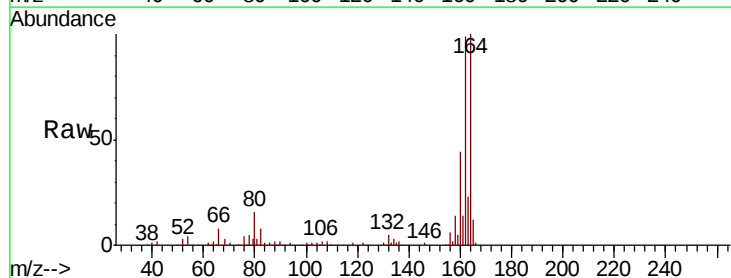
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-3

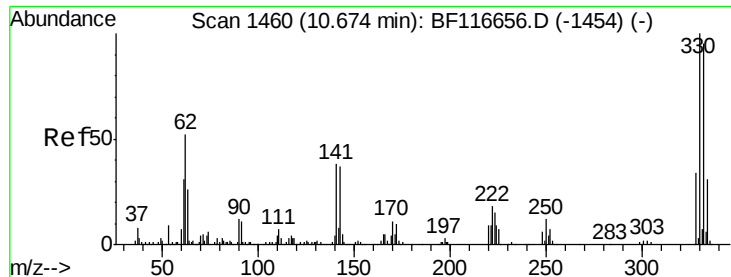
Tot Ion	82	Resp	426258
Ion Ratio	Lower	Upper	
82	100		
128	42.7	32.8	49.2
54	38.6	36.9	55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

Tgt Ion	164	Resp	186129
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.4	122.0
160	43.8	35.4	53.2

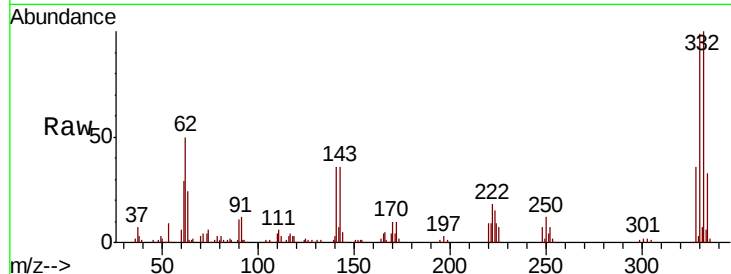




#42
 2,4,6-Tribromophenol
 Concen: 114.339 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF116978.D
 Acq: 12 Sep 2019 6:27

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPOSITE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	45.0	31.4	47.2

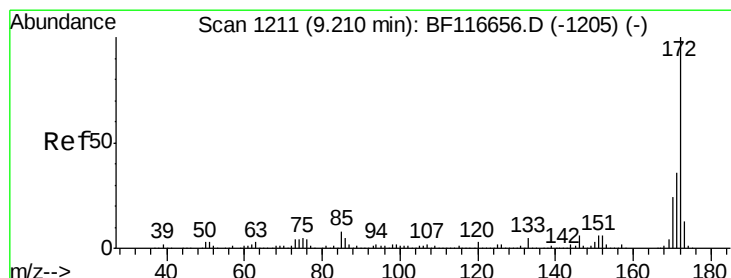
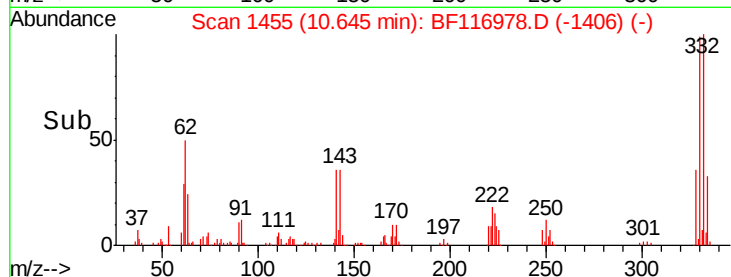
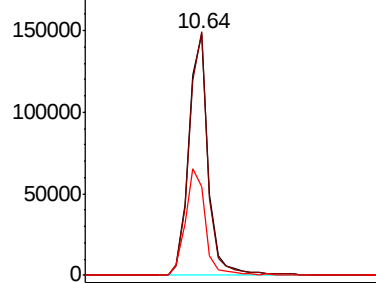


Abundance

Ion 329.80 (329.50 to 330.50): E

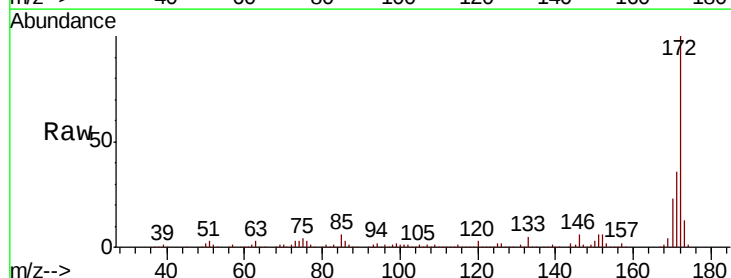
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.739 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF116978.D
 Acq: 12 Sep 2019 6:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	23.4	18.9	28.3

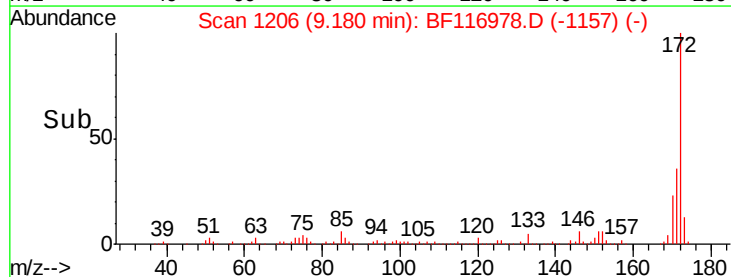
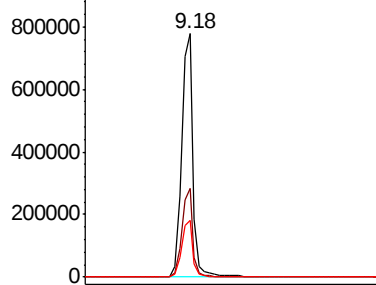


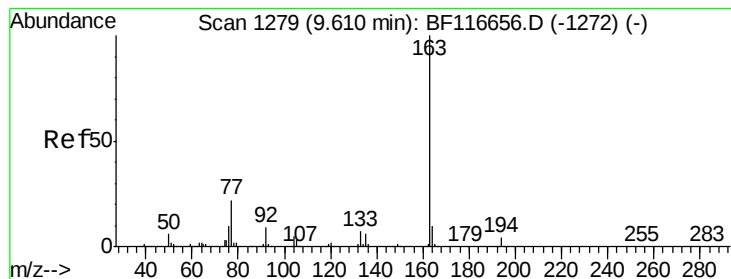
Abundance

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: 5.414 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF116978.D

Acq: 12 Sep 2019 6:27

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPOSITE-3

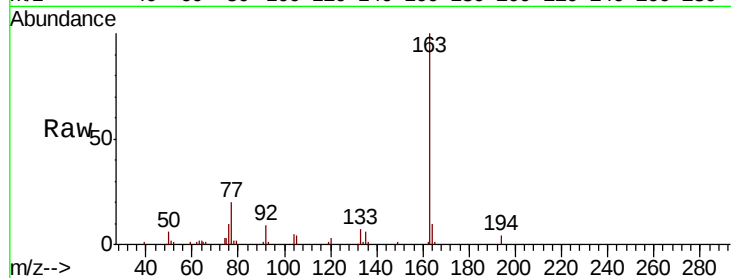
Tot Ion:163 Resp: 69569

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

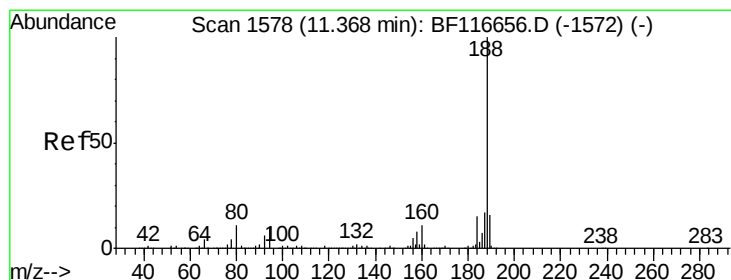
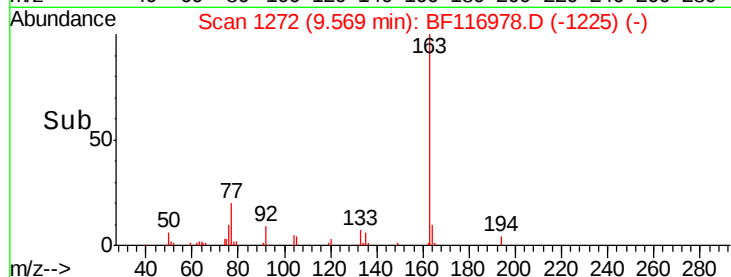
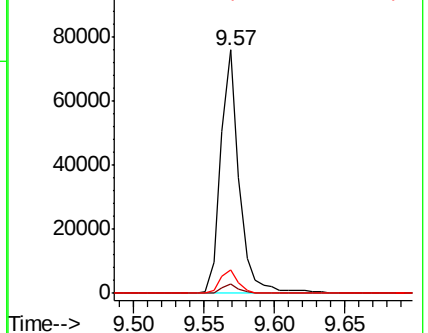
164 9.7 8.6 12.8



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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF116978.D

Acq: 12 Sep 2019 6:27

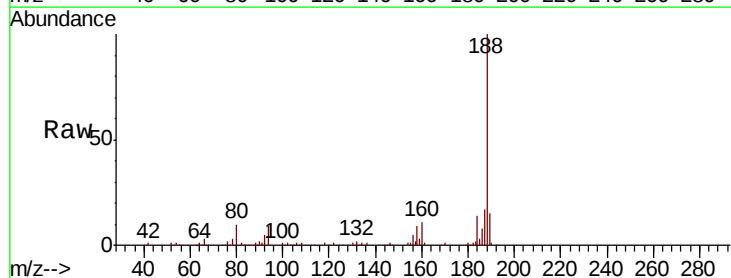
Tgt Ion:188 Resp: 311681

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

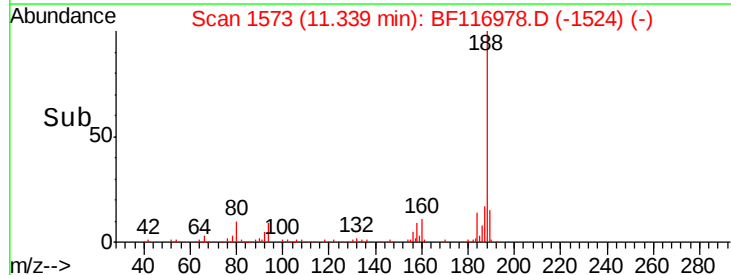
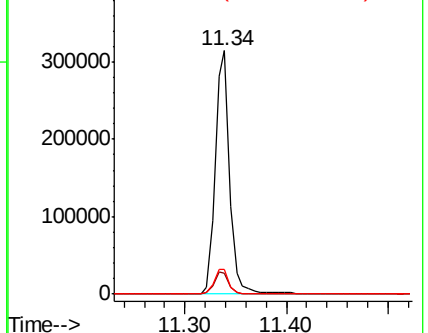
80 10.3 8.4 12.6



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

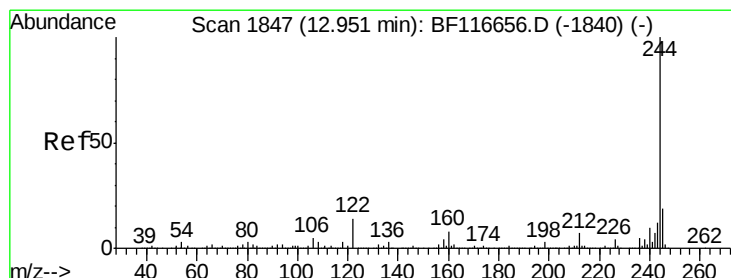
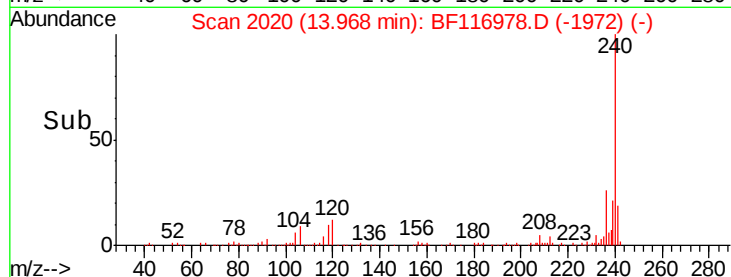
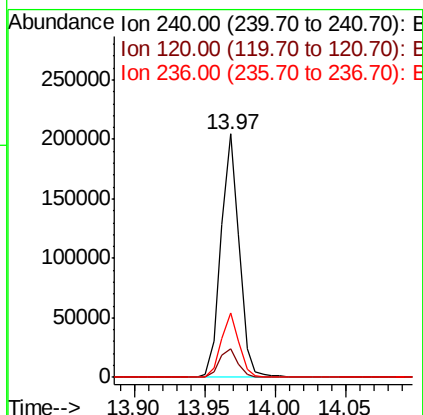
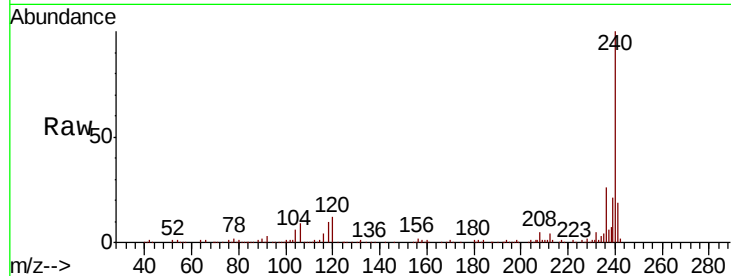




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

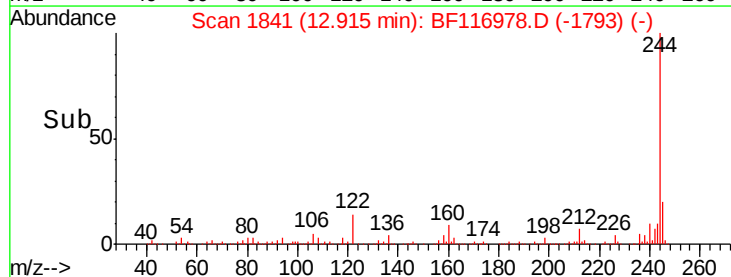
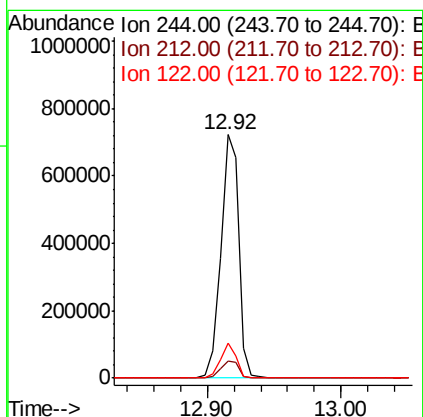
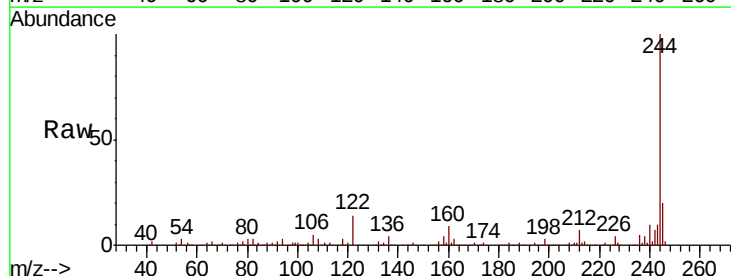
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-3

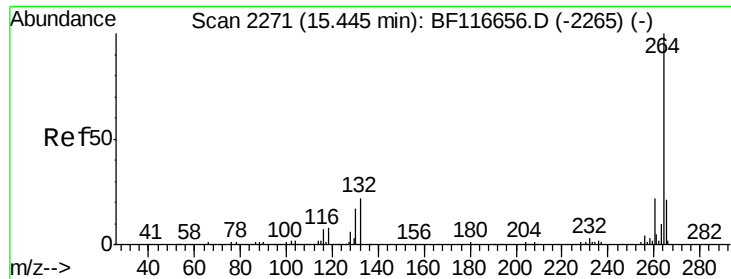
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	26.5	21.1	31.7



#79
Terphenyl-d14
Concen: 68.777 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	14.2	10.2	15.4

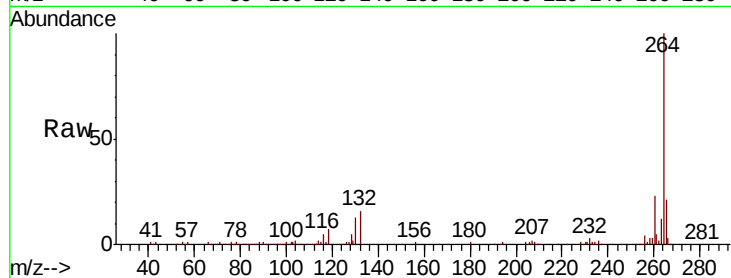




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116978.D
Acq: 12 Sep 2019 6:27

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPOSITE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.1	16.5	24.7



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

