

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114612.D
 Acq On : 25 May 2019 18:57
 Operator : JU/SJ
 Sample : PB119943BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BL

Quant Time: May 27 00:49:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162616	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	631722	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	307566	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	652636	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	481304	20.00	ng	-0.02
87) Perylene-d12	15.42	264	473718	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1058235	104.72	ng	-0.01
7) Phenol-d6	6.45	99	1374143	114.98	ng	-0.02
23) Nitrobenzene-d5	7.36	82	822737	73.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	332669	104.62	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1563245	76.88	ng	-0.02
79) Terphenyl-d14	12.90	244	1662719	71.21	ng	-0.01

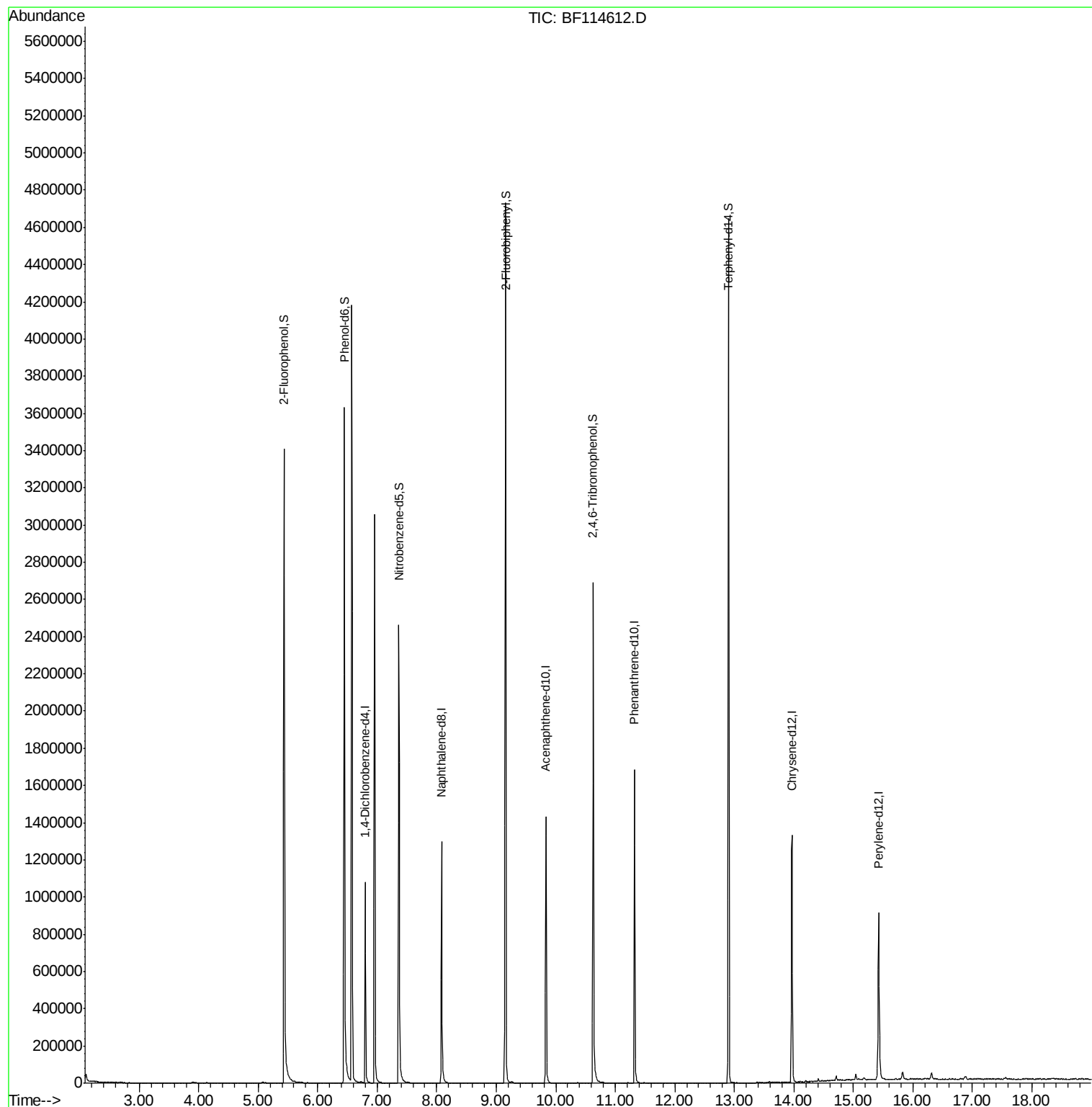
Target Compounds Qvalue

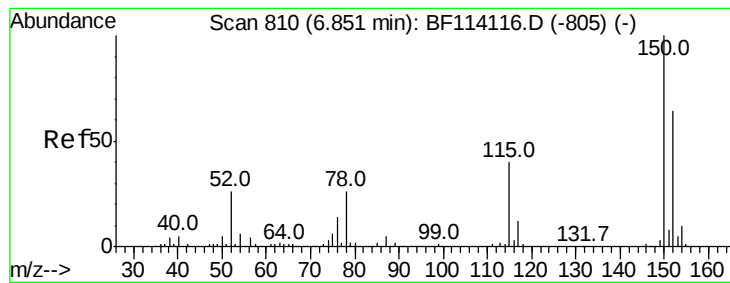
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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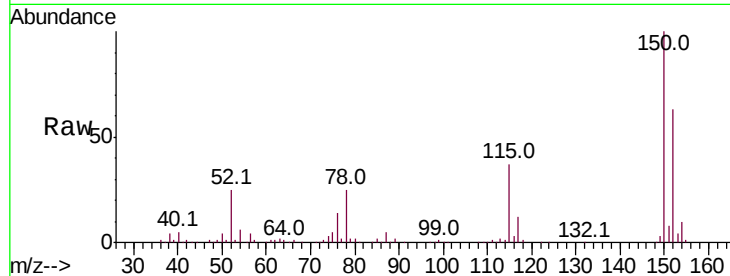


#1

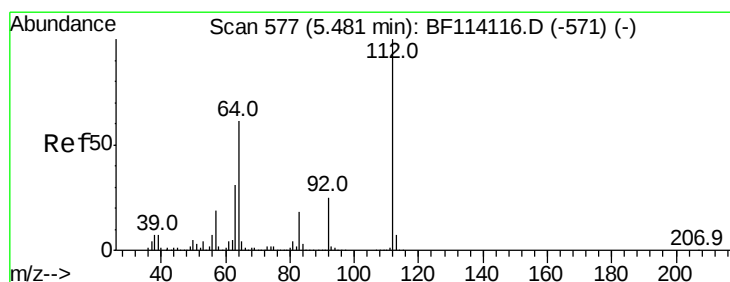
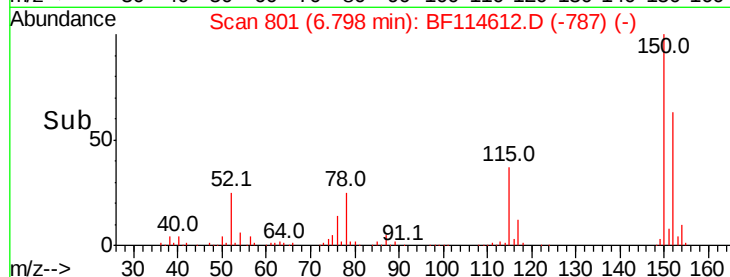
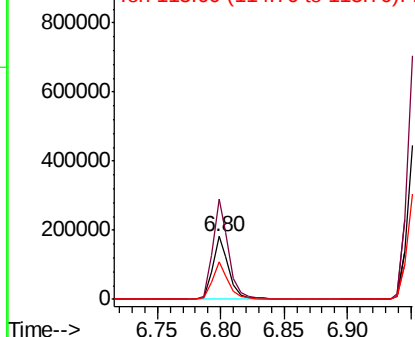
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Instrument :
BNA_F
ClientSampleId :
PB119943BL

Tot Ion:152 Resp: 162616
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 59.3 49.1 73.7



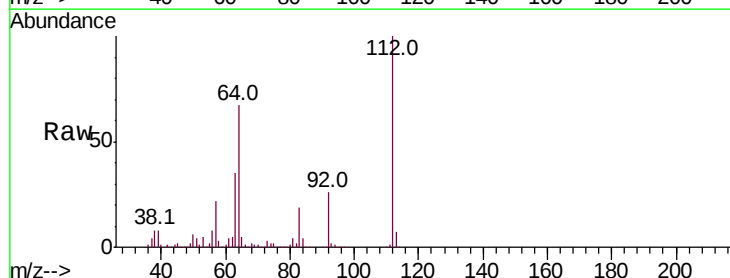
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



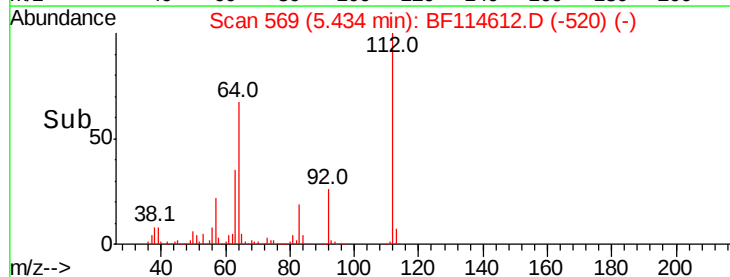
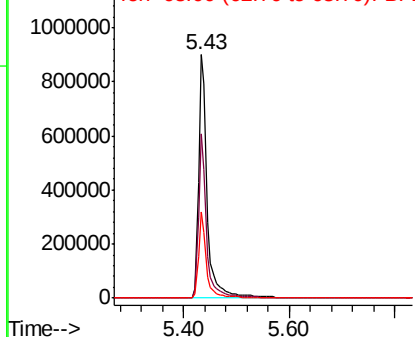
#5

2-Fluorophenol
Concen: 104.724 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Tgt Ion:112 Resp: 1058235
Ion Ratio Lower Upper
112 100
64 67.4 49.0 73.6
63 35.1 24.6 37.0



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: 114.976 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

Instrument :

BNA_F

ClientSampleId :

PB119943BL

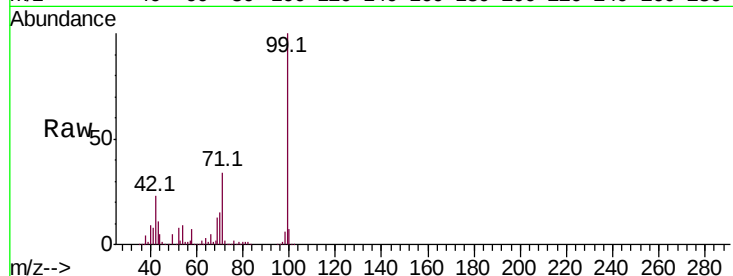
Tot Ion: 99 Resp: 1374143

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

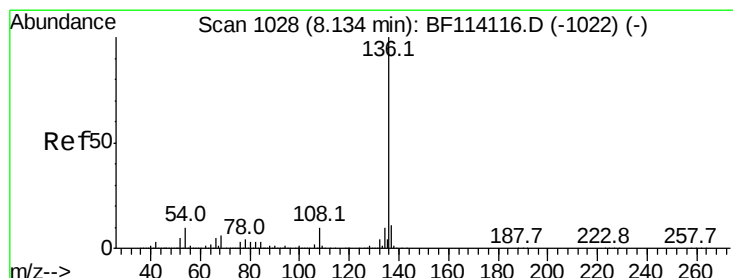
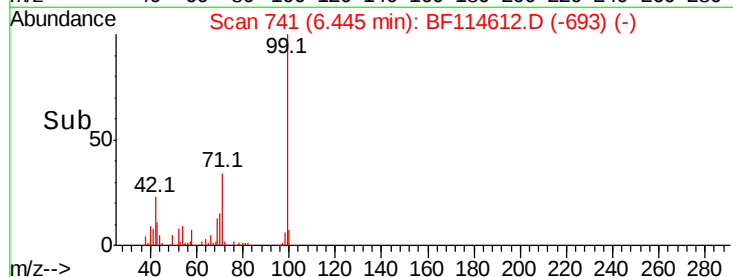
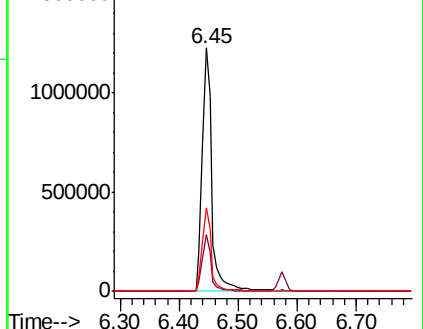
71 34.4 26.2 39.2



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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

Tgt Ion: 136 Resp: 631722

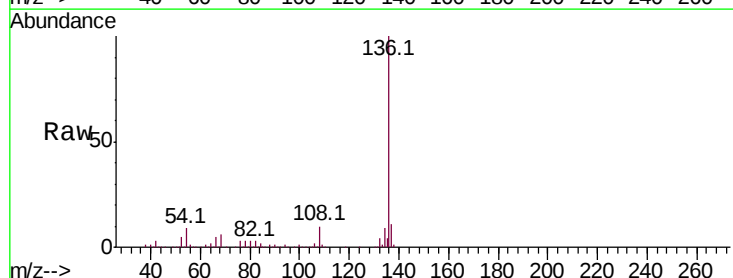
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 5.7 5.1 7.7

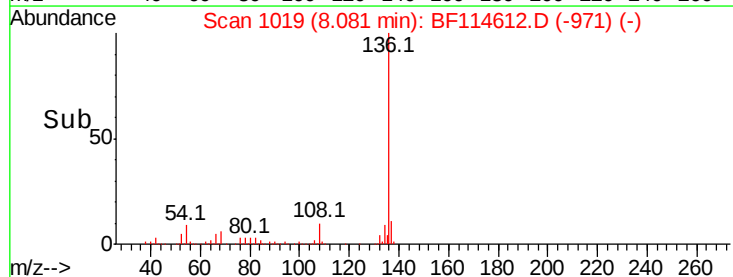
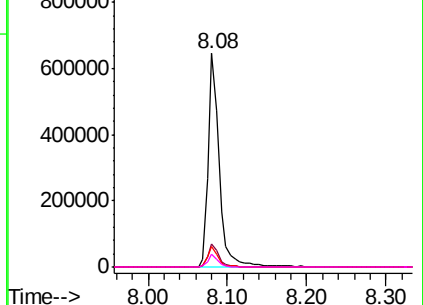


Abundance Ion 136.00 (135.70 to 136.70): E

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

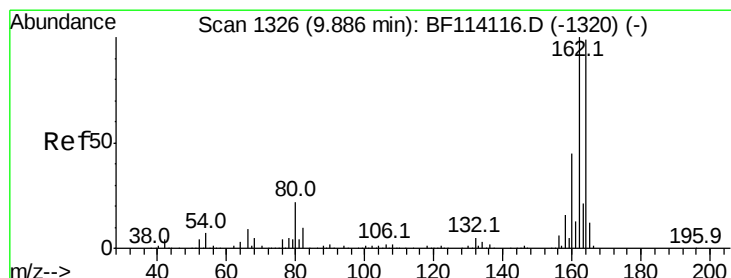
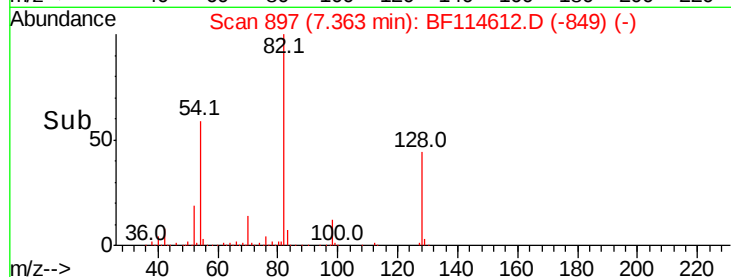
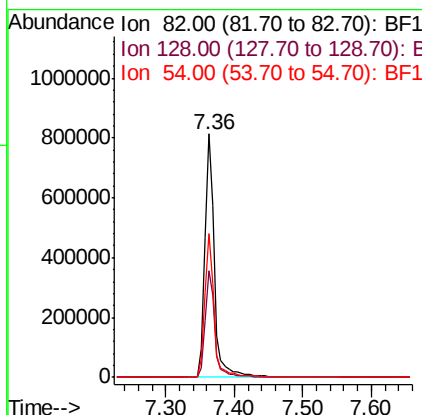
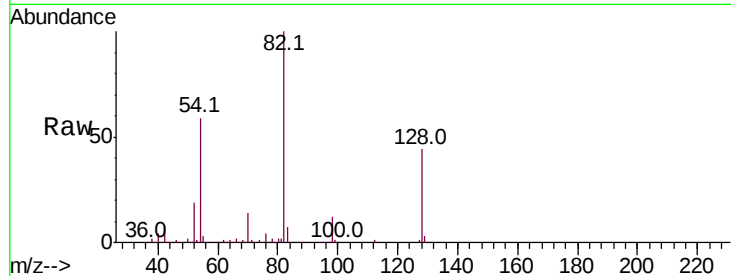




#23
 Nitrobenzene-d5
 Concen: 73.089 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

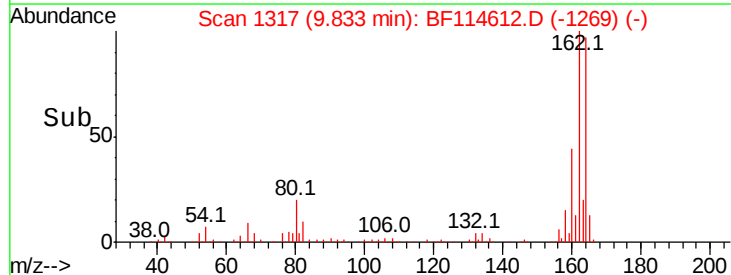
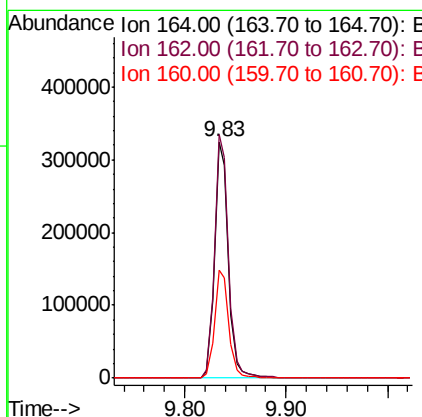
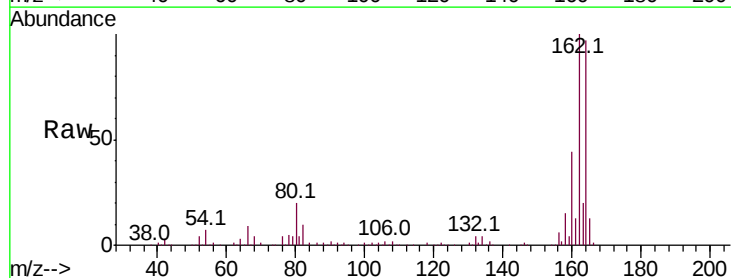
Instrument :
 BNA_F
 ClientSampleId :
 PB119943BL

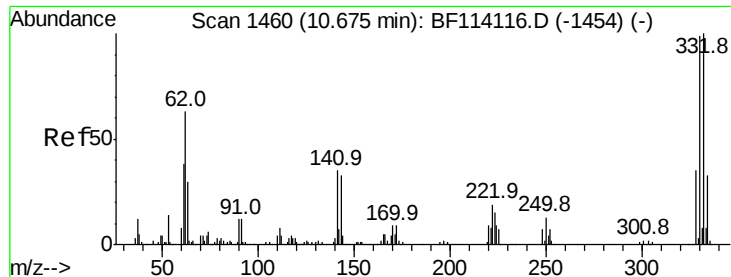
Tot Ion	82	Resp	822737
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.5	53.3
54	58.8	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Tgt Ion	164	Resp	307566
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.6	120.8
160	45.7	36.5	54.7

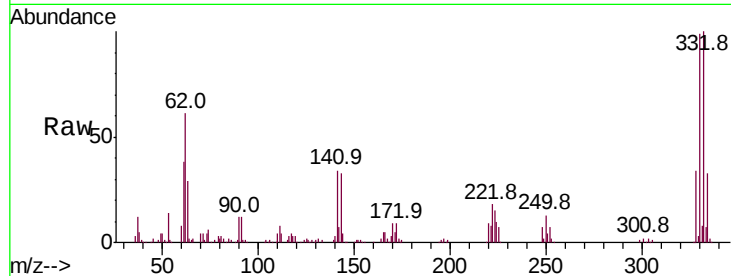




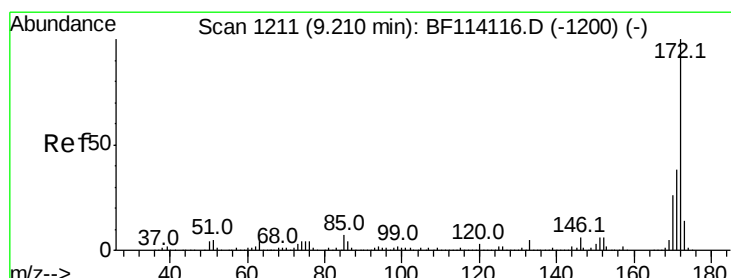
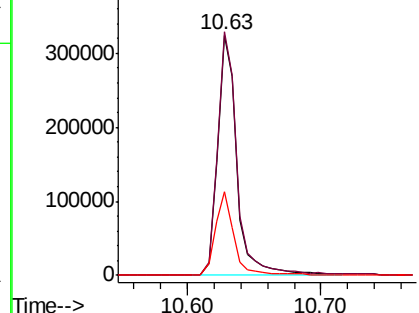
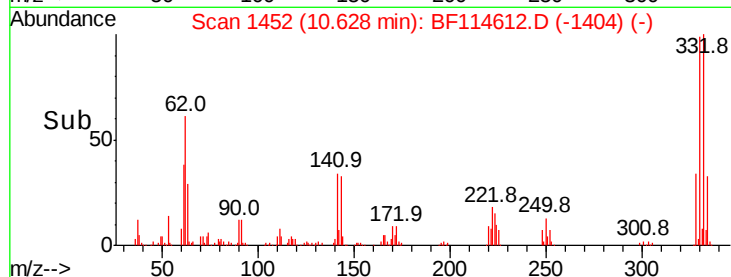
#42
 2,4,6-Tribromophenol
 Concen: 104.622 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB119943BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.2	81.4	122.2
141	34.1	26.6	40.0

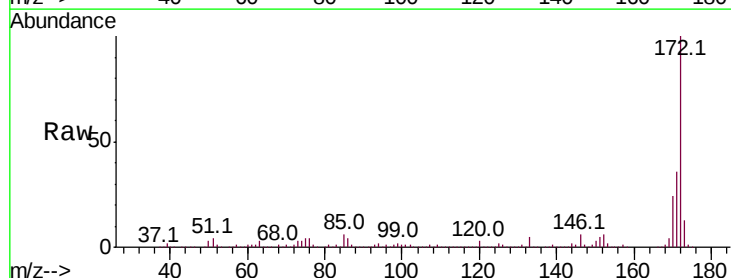


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

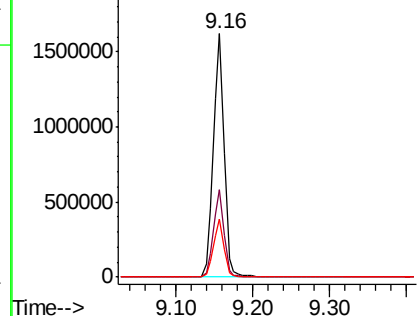
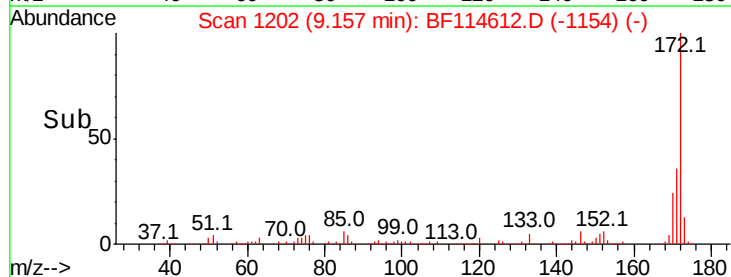


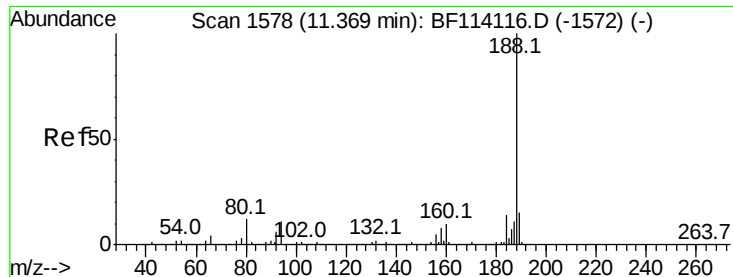
#45
 2-Fluorobiphenyl
 Concen: 76.883 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	23.9	20.5	30.7



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

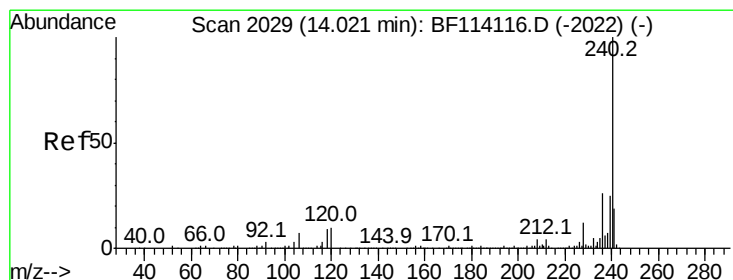
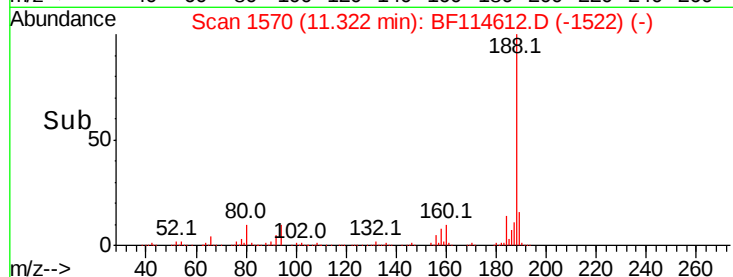
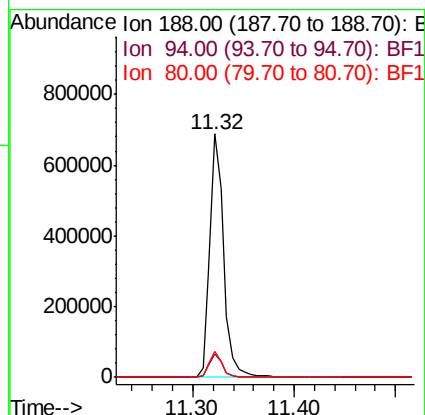
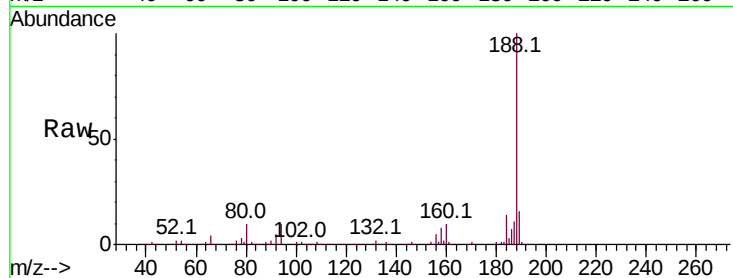




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

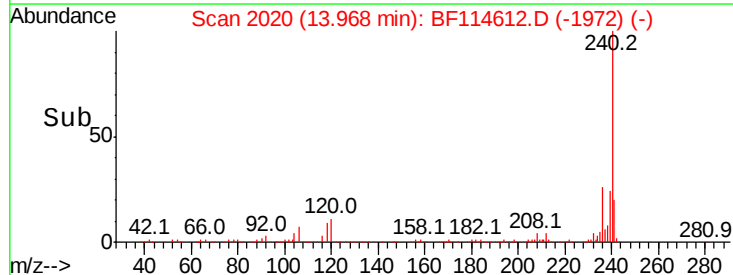
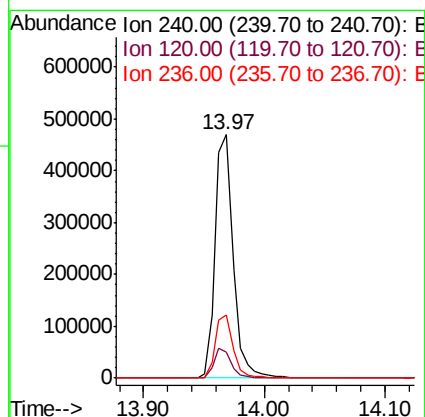
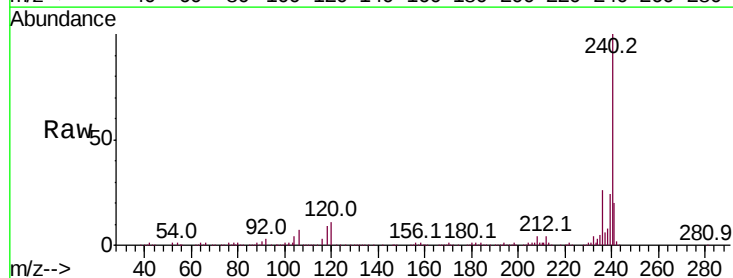
Instrument :
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ClientSampleId :
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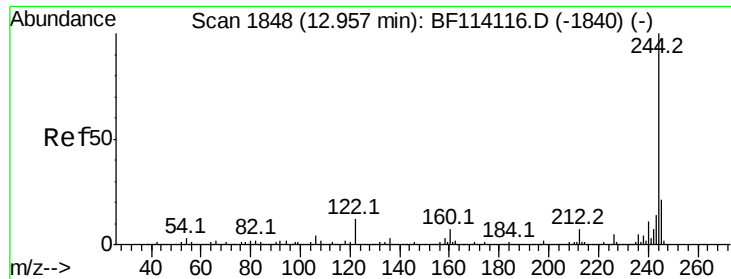
Tot Ion:188 Resp: 652636
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 10.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Tgt Ion:240 Resp: 481304
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 71.214 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

Instrument :

BNA_F

ClientSampleId :

PB119943BL

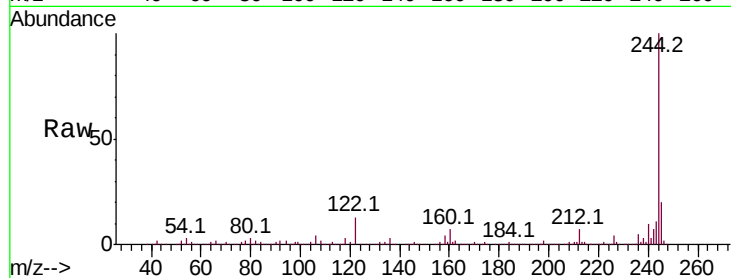
Tot Ion:244 Resp: 1662719

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

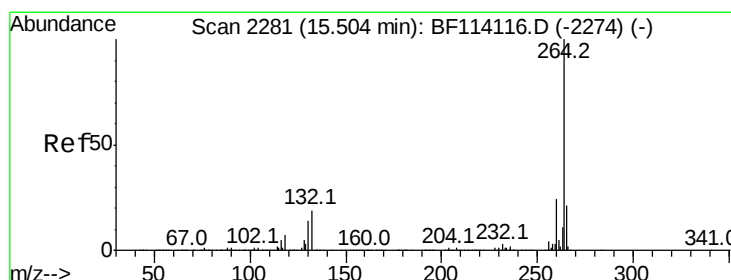
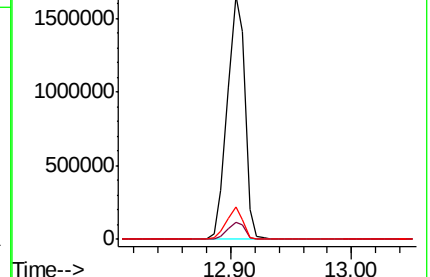
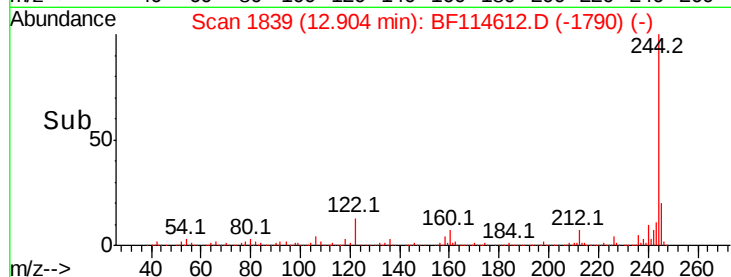
122 13.1 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

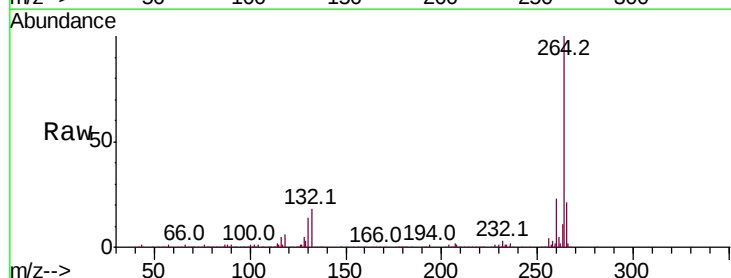
Tgt Ion:264 Resp: 473718

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.1 16.9 25.3



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

