

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114275.D
 Acq On : 15 May 2019 1:02
 Operator : JU/SJ
 Sample : K2842-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051119-LIFT-F-U-M

Quant Time: May 15 03:44:55 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	206618	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	753960	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	335126	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	618126	20.00	ng	0.00
76) Chrysene-d12	14.02	240	490588	20.00	ng	0.00
87) Perylene-d12	15.49	264	485614	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	509745	39.70	ng	0.00
7) Phenol-d6	6.50	99	406829	26.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1248821	92.95	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	241444	69.69	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2025467	91.42	ng	0.00
79) Terphenyl-d14	12.96	244	1787325	75.10	ng	0.00

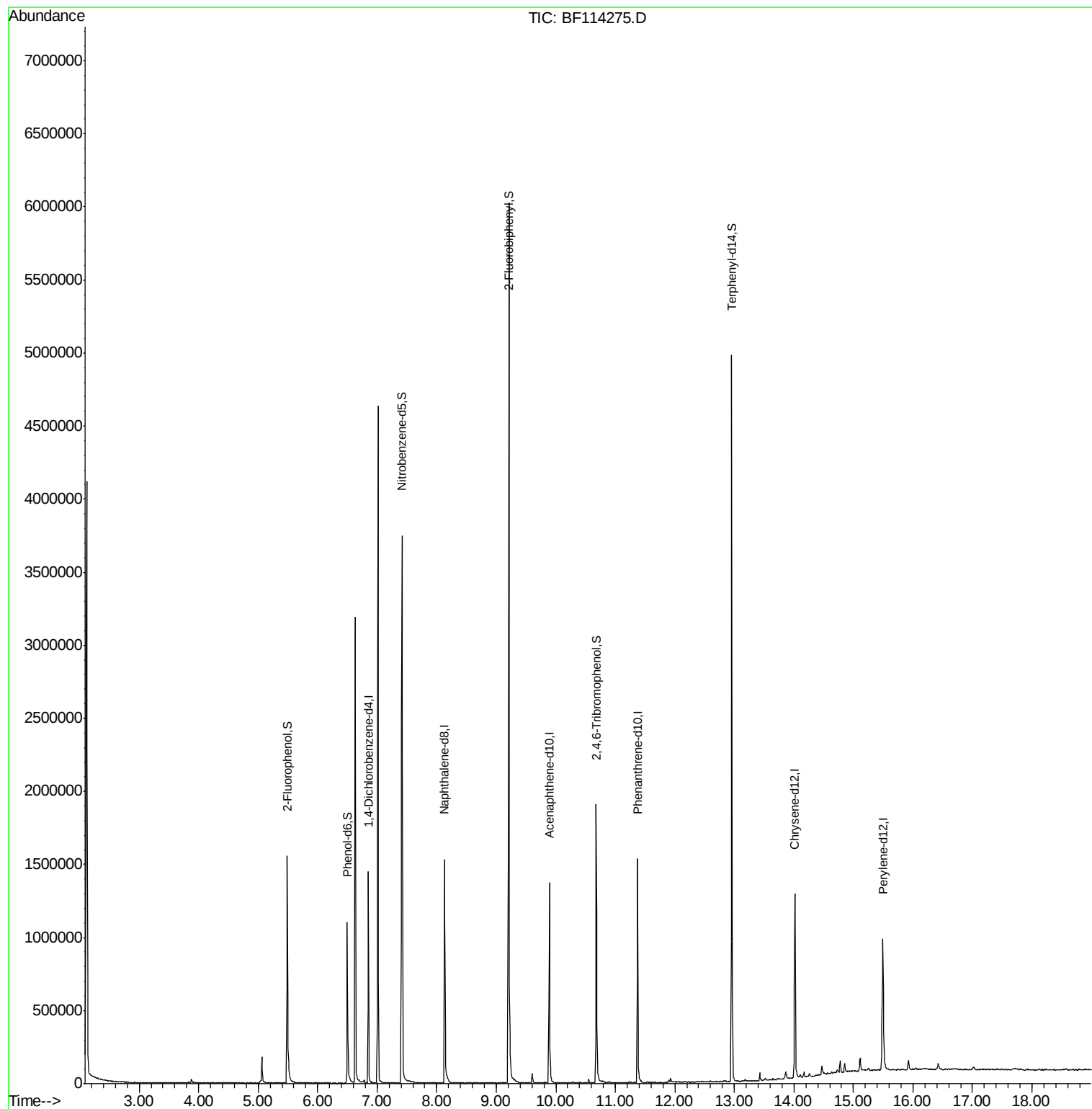
Target Compounds Qvalue

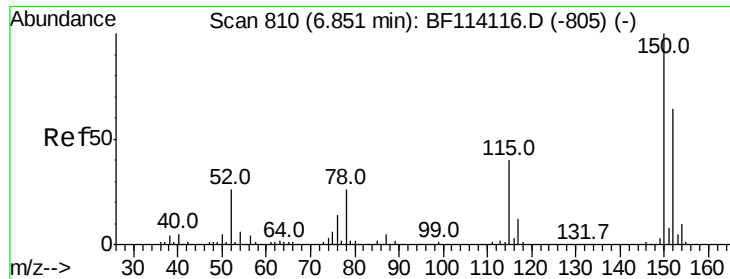
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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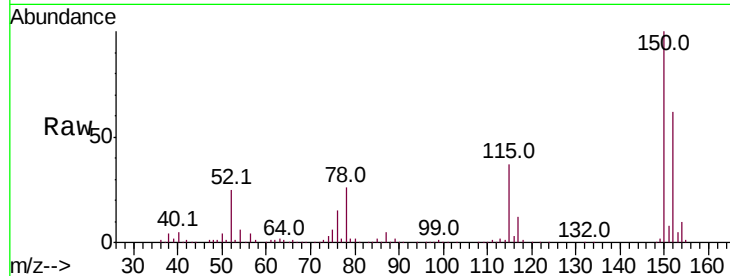


#1

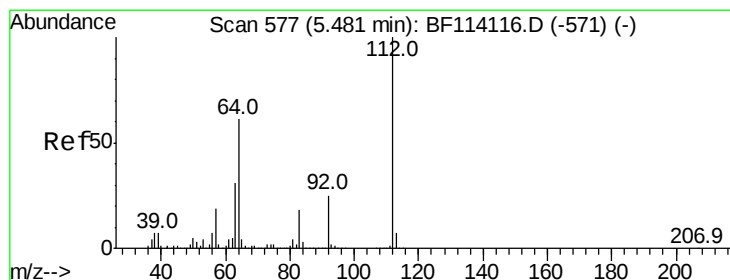
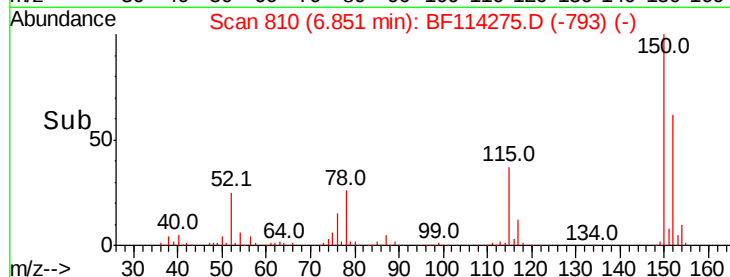
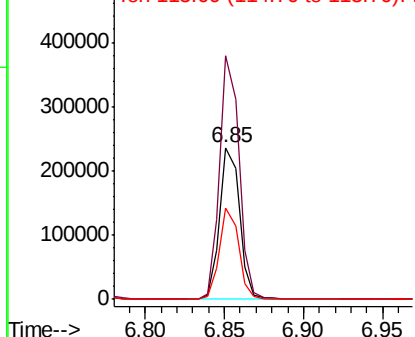
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114275.D
Acq: 15 May 2019 1:02

Instrument :
BNA_F
ClientSampleId :
051119-LIFT-F-U-M

Tot Ion:152 Resp: 206618
Ion Ratio Lower Upper
152 100
150 160.3 124.3 186.5
115 60.1 49.1 73.7



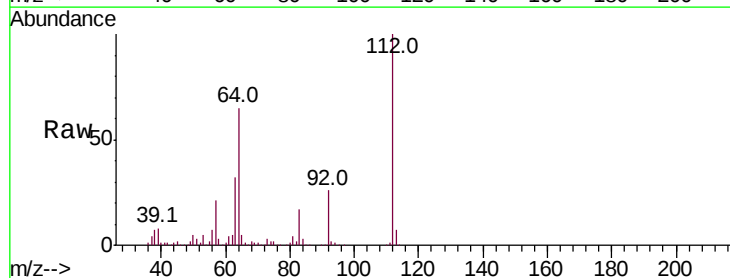
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



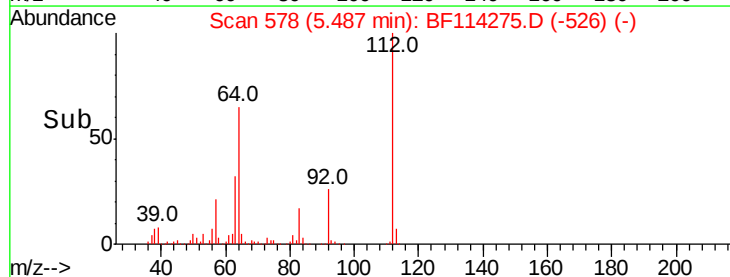
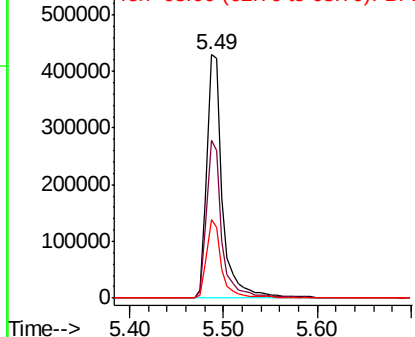
#5

2-Fluorophenol
Concen: 39.702 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114275.D
Acq: 15 May 2019 1:02

Tgt Ion:112 Resp: 509745
Ion Ratio Lower Upper
112 100
64 64.8 49.0 73.6
63 32.4 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: 26.791 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-M

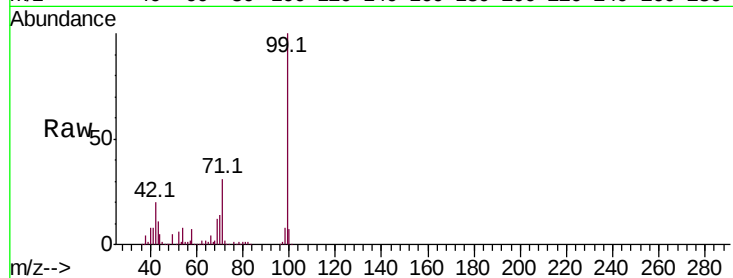
Tot Ion: 99 Resp: 406829

Ion Ratio Lower Upper

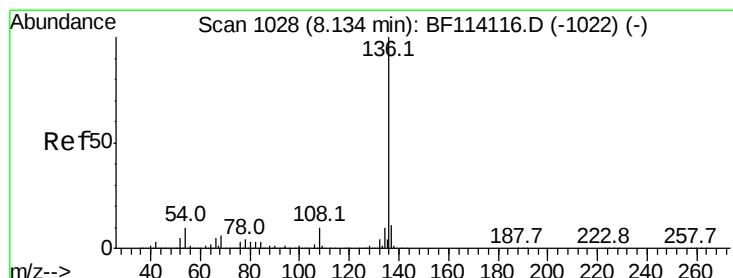
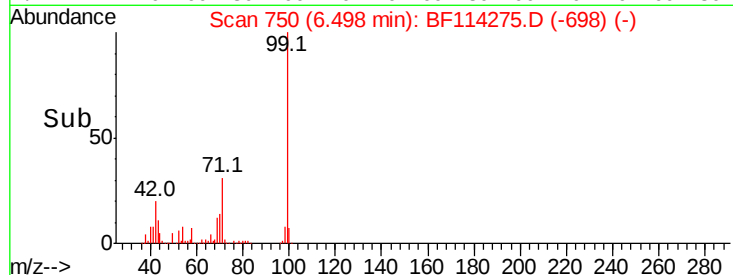
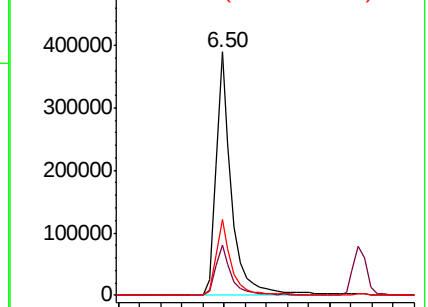
99 100

42 20.5 17.9 26.9

71 31.1 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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

Tgt Ion: 136 Resp: 753960

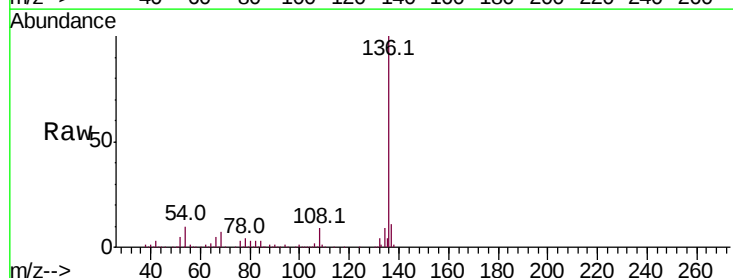
Ion Ratio Lower Upper

136 100

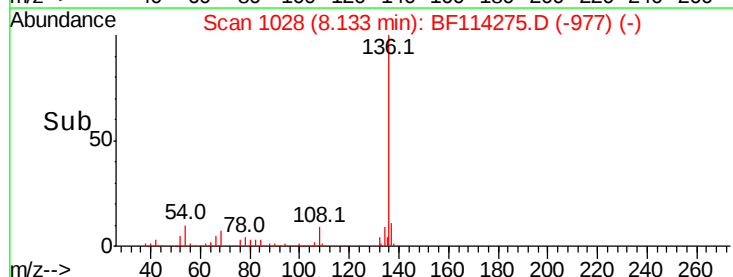
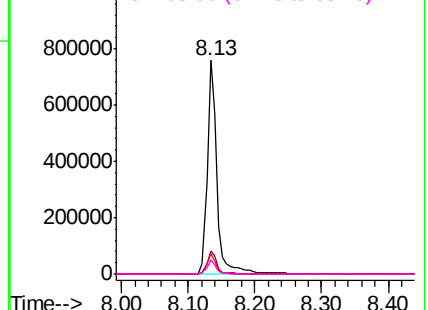
137 10.9 8.8 13.2

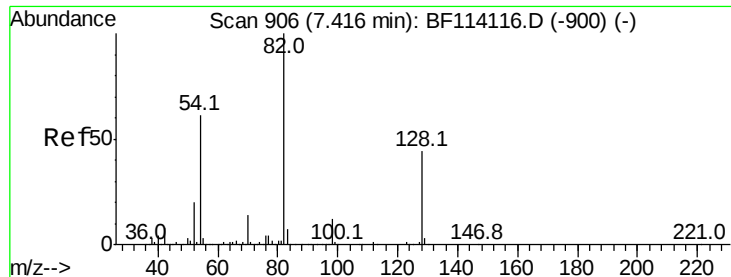
54 9.7 7.8 11.8

68 6.6 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

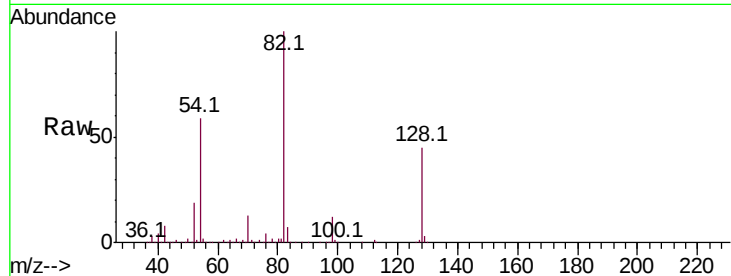




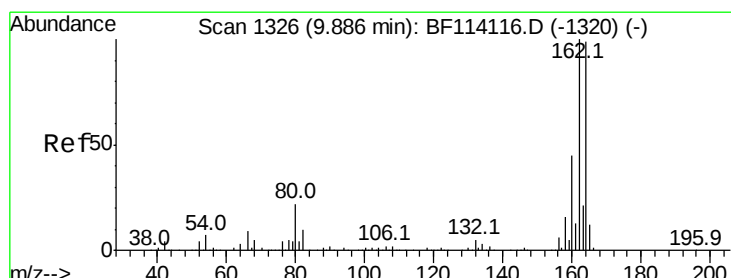
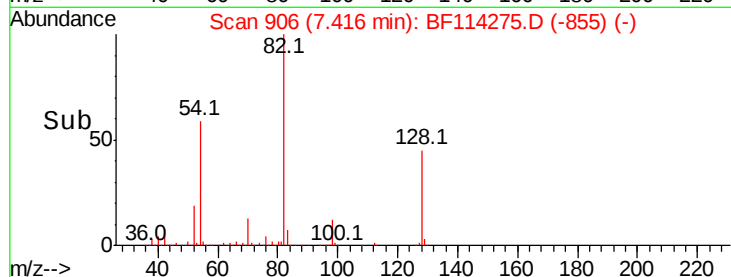
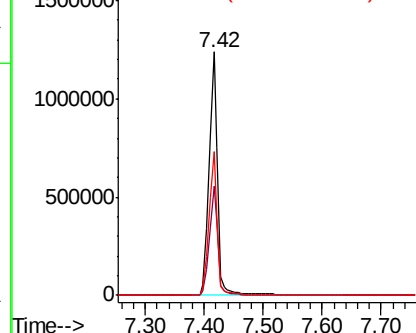
#23
Nitrobenzene-d5
Concen: 92.954 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114275.D
Acq: 15 May 2019 1:02

Instrument :
BNA_F
ClientSampleId :
051119-LIFT-F-U-M

Tot Ion: 82 Resp: 1248821
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 59.2 48.5 72.7

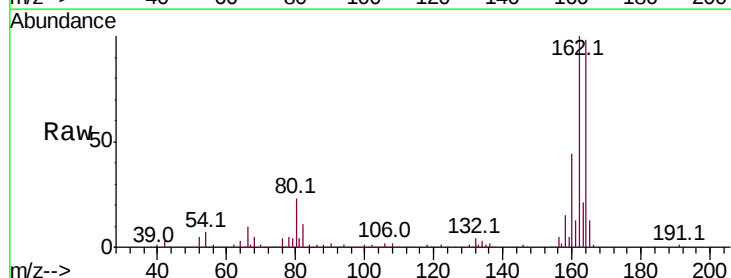


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

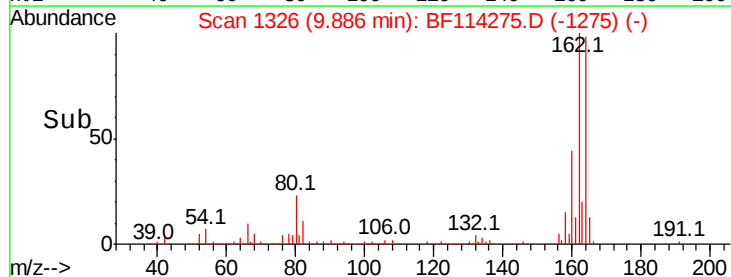
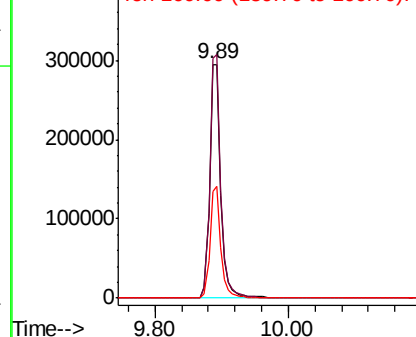


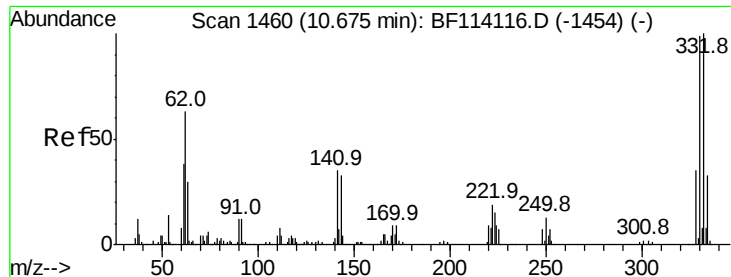
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114275.D
Acq: 15 May 2019 1:02

Tgt Ion:164 Resp: 335126
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

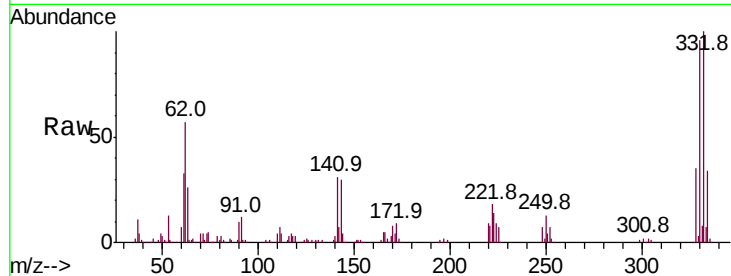




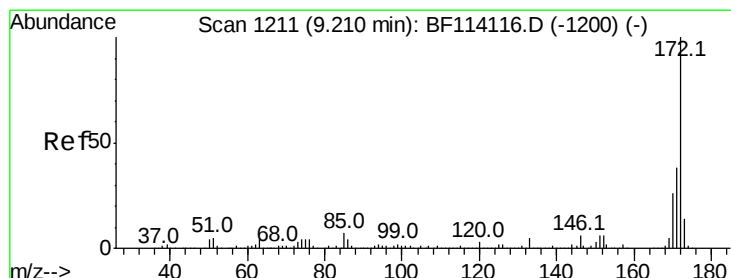
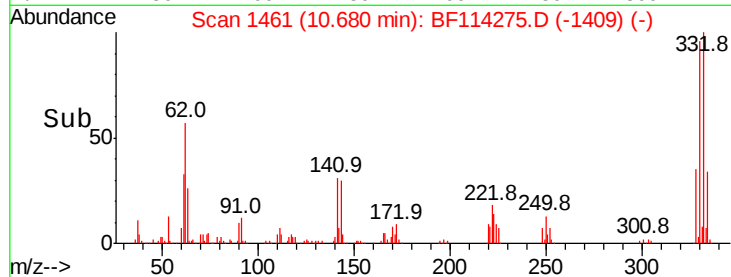
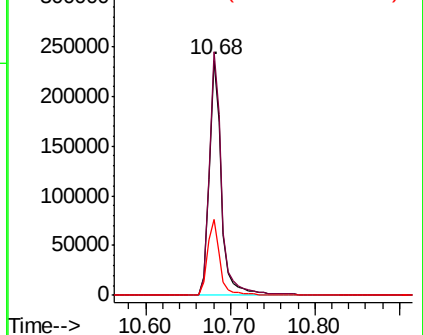
#42
 2,4,6-Tribromophenol
 Concen: 69.688 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114275.D
 Acq: 15 May 2019 1:02

Instrument :
 BNA_F
 ClientSampleId :
 051119-LIFT-F-U-M

Tot Ion:330 Resp: 241444
 Ion Ratio Lower Upper
 330 100
 332 104.2 81.4 122.2
 141 32.2 26.6 40.0

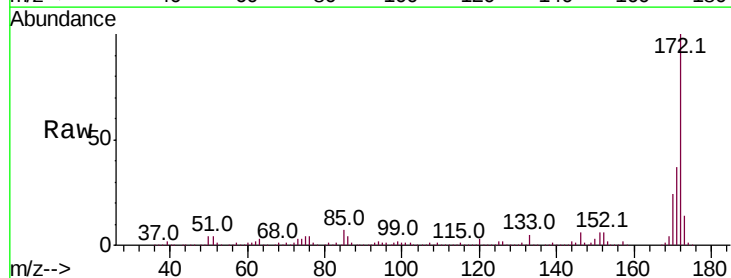


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

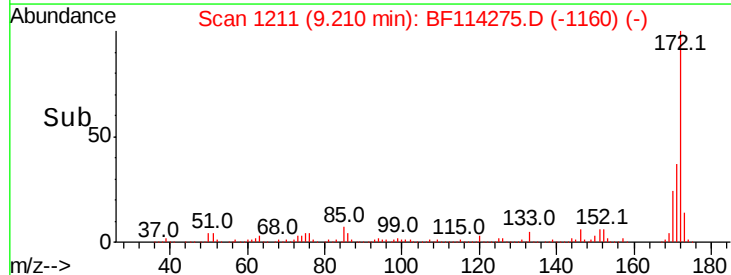
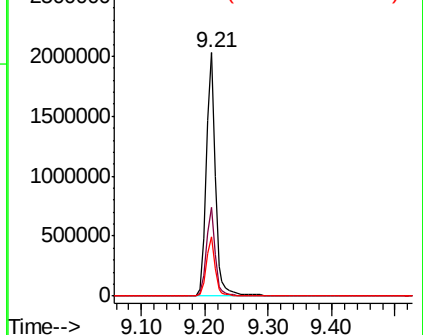


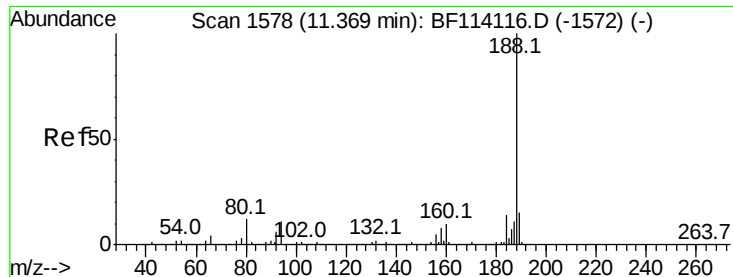
#45
 2-Fluorobiphenyl
 Concen: 91.424 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114275.D
 Acq: 15 May 2019 1:02

Tgt Ion:172 Resp: 2025467
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 24.3 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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-M

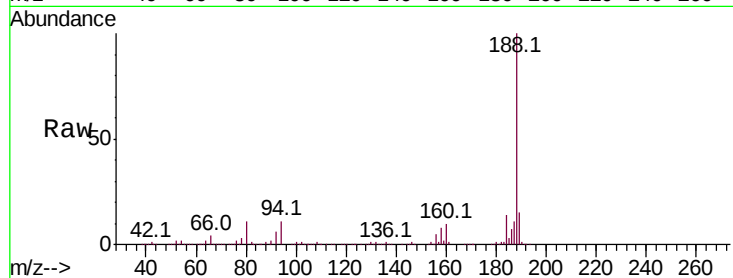
Tot Ion:188 Resp: 618126

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

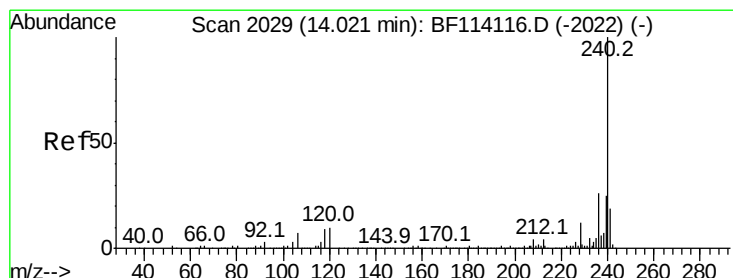
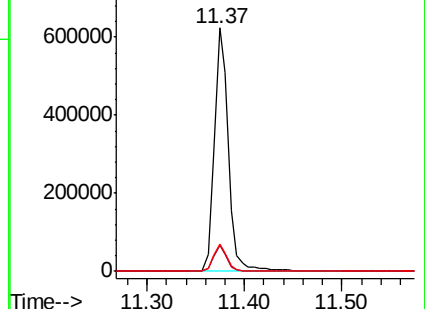
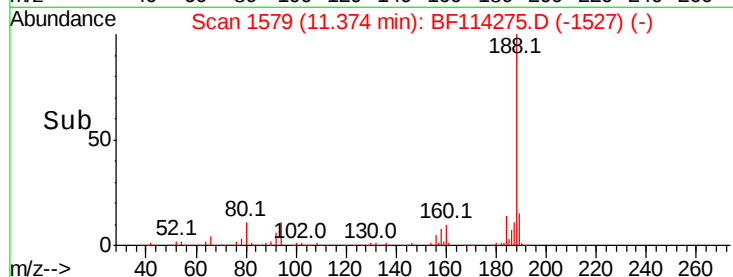
80 11.2 9.2 13.8



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

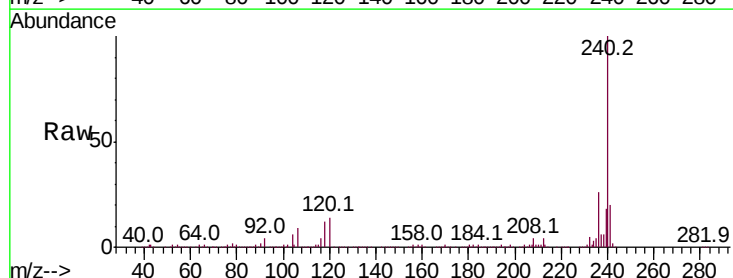
Tgt Ion:240 Resp: 490588

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

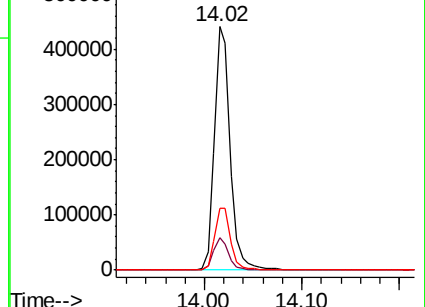
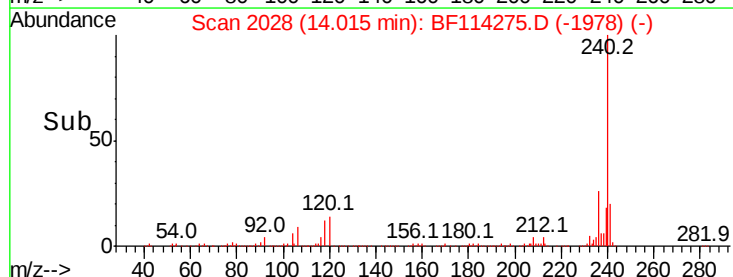
236 25.6 20.8 31.2

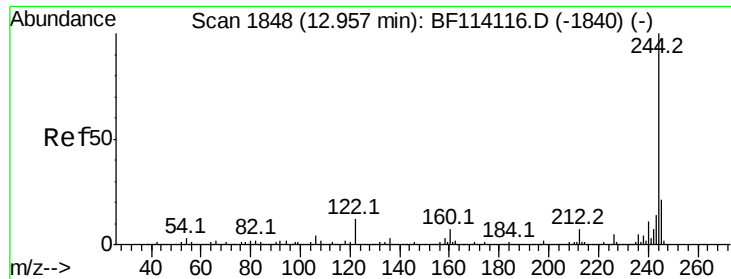


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.103 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-M

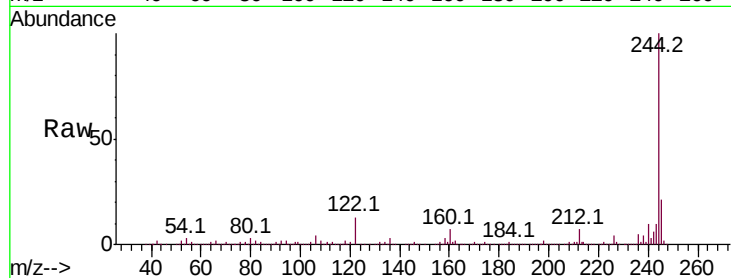
Tot Ion:244 Resp: 1787325

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

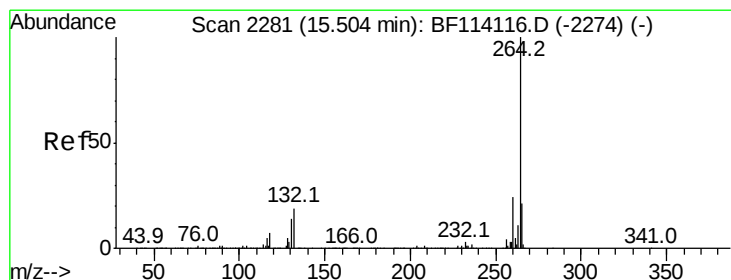
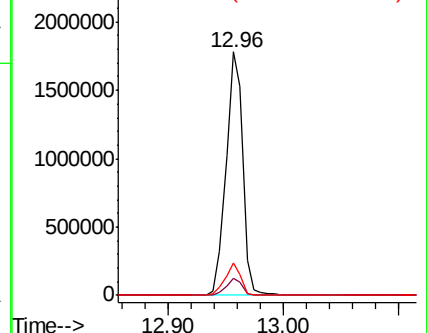
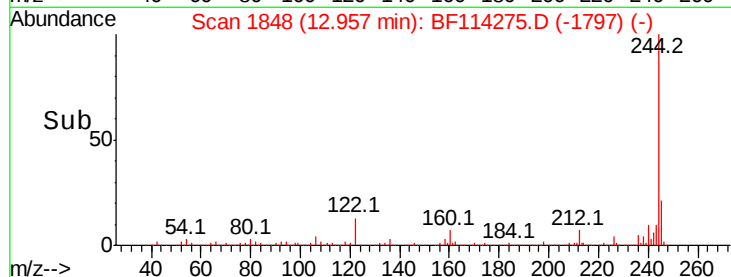
122 13.2 9.4 14.2



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114275.D

Acq: 15 May 2019 1:02

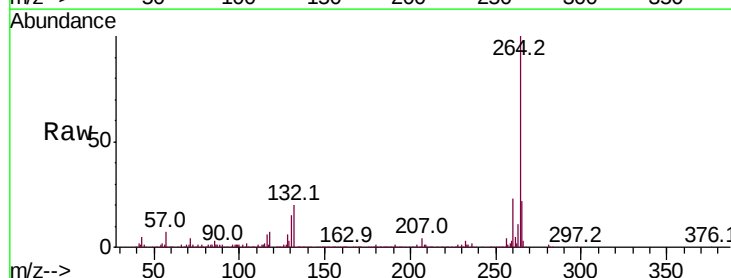
Tgt Ion:264 Resp: 485614

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 22.3 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

