

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114274.D
 Acq On : 15 May 2019 00:35
 Operator : JU/SJ
 Sample : K2842-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 15 03:44:17 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

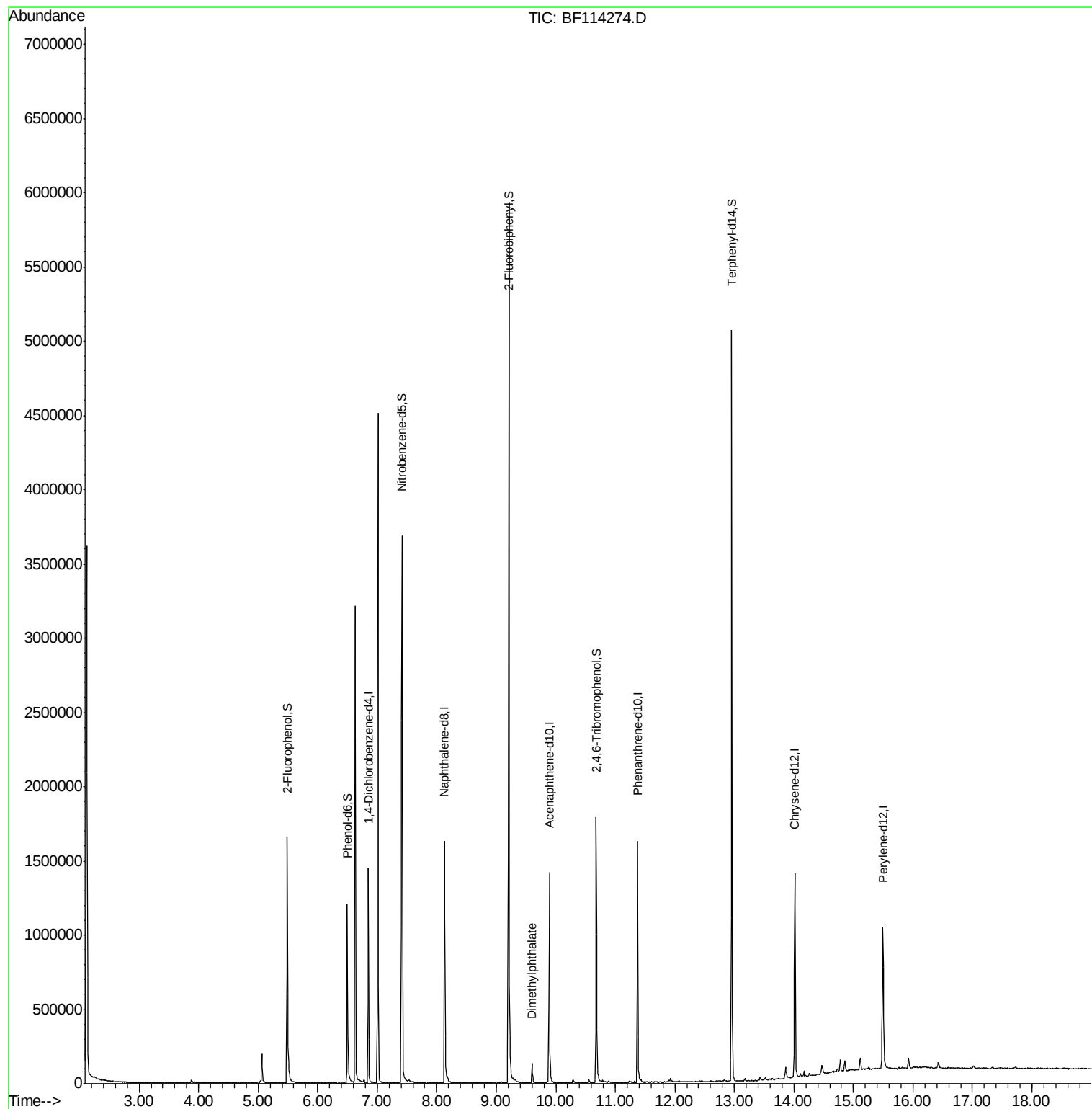
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	211082	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	773806	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	340147	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	616705	20.00	ng	0.00
76) Chrysene-d12	14.02	240	499176	20.00	ng	0.00
87) Perylene-d12	15.50	264	499927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	528961	40.33	ng	0.00
7) Phenol-d6	6.50	99	435013	28.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	1203681	87.30	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	230652	65.59	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1988858	88.45	ng	0.00
79) Terphenyl-d14	12.96	244	1760007	72.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	65274	2.614	ng	Qvalue 100

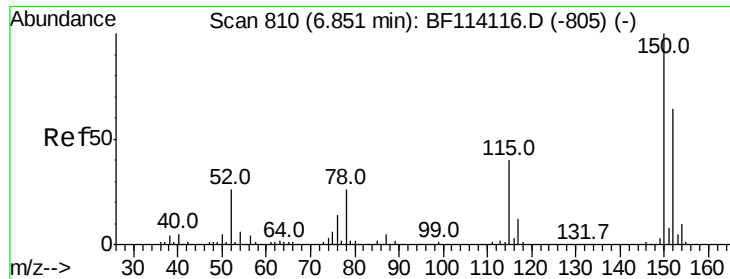
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF114274.D

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Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-B

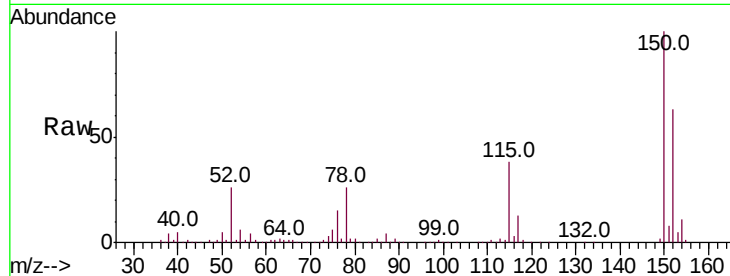
Tot Ion:152 Resp: 211082

Ion Ratio Lower Upper

152 100

150 158.3 124.3 186.5

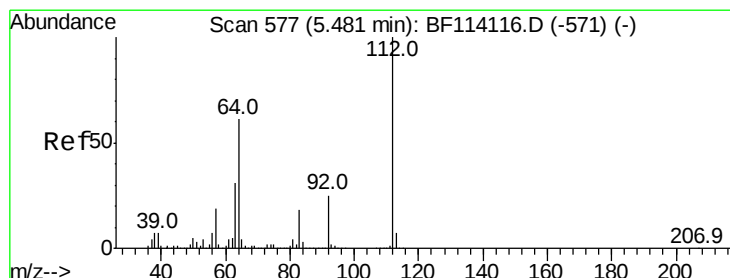
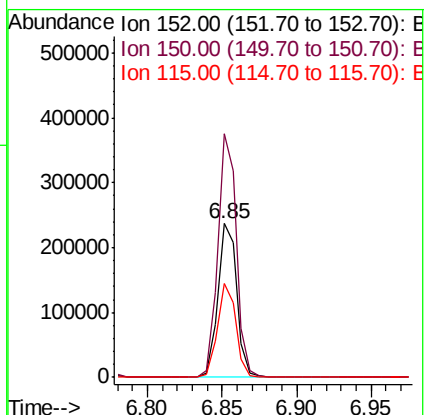
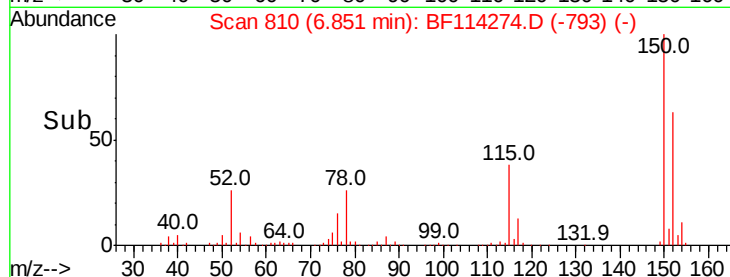
115 60.7 49.1 73.7



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: 40.327 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114274.D

Acq: 15 May 2019 00:35

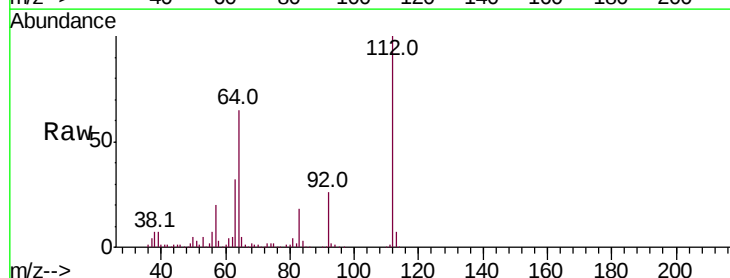
Tgt Ion:112 Resp: 528961

Ion Ratio Lower Upper

112 100

64 64.9 49.0 73.6

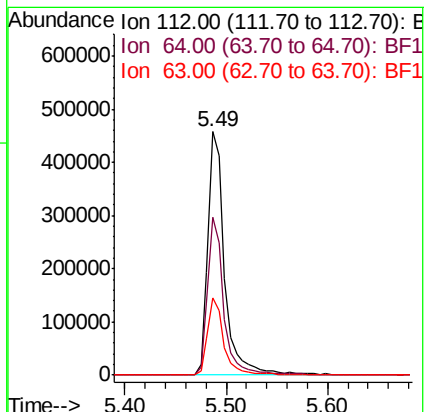
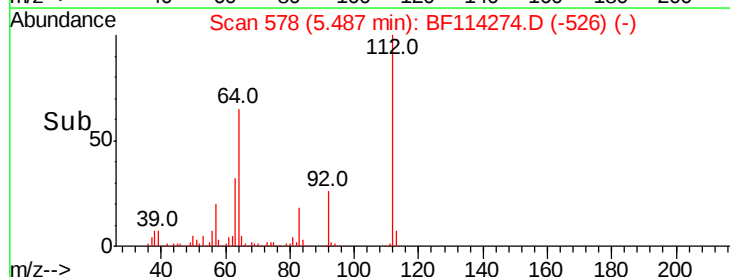
63 31.8 24.6 37.0



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: 28.041 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114274.D

Acq: 15 May 2019 00:35

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-B

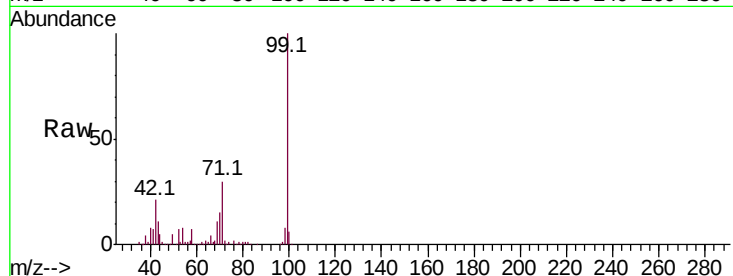
Tot Ion: 99 Resp: 435013

Ion Ratio Lower Upper

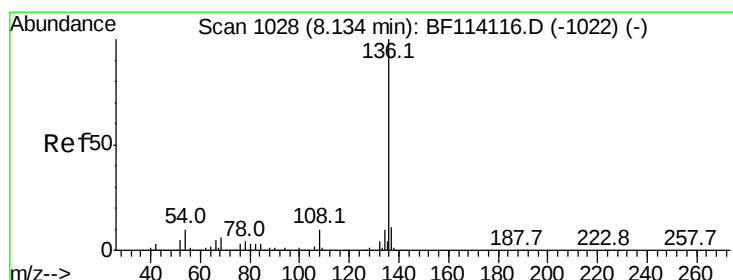
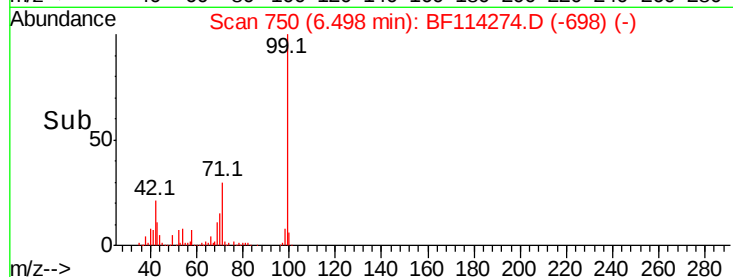
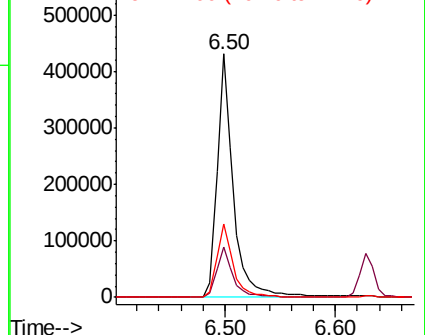
99 100

42 20.8 17.9 26.9

71 30.3 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: BF114274.D

Acq: 15 May 2019 00:35

Tgt Ion: 136 Resp: 773806

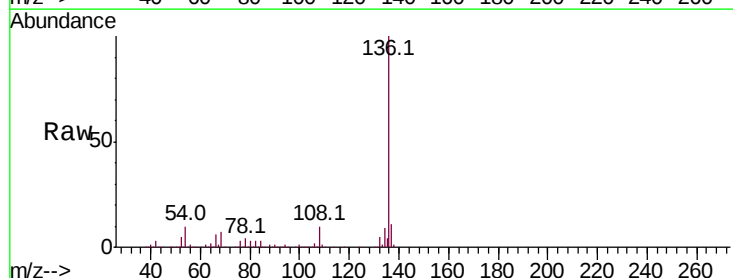
Ion Ratio Lower Upper

136 100

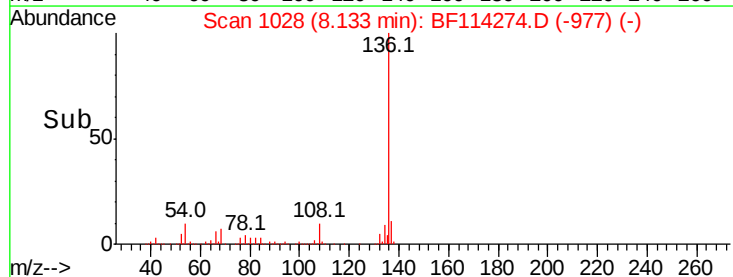
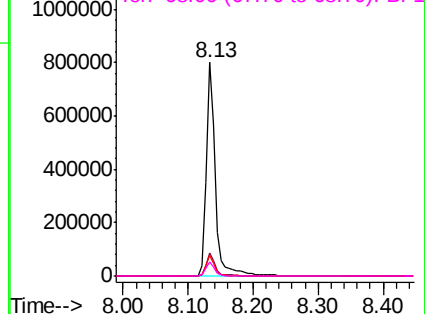
137 10.8 8.8 13.2

54 9.8 7.8 11.8

68 6.5 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

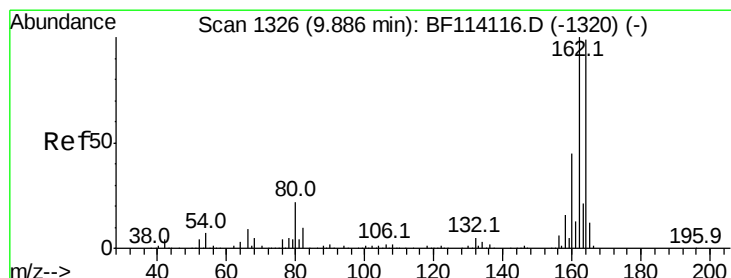
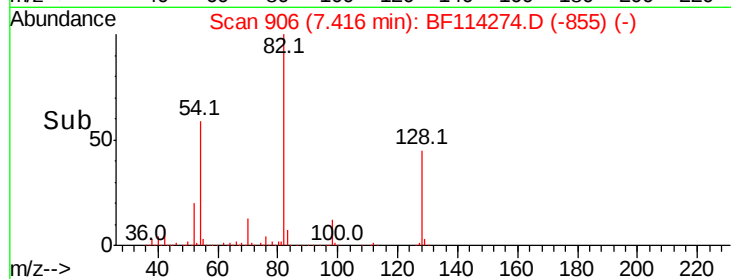
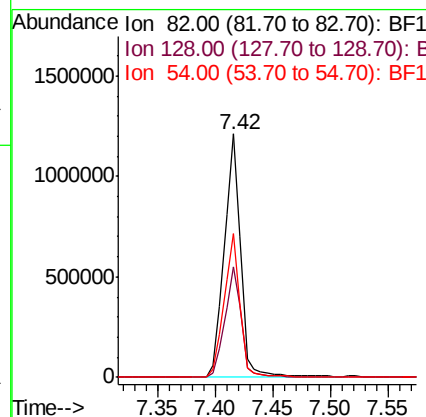
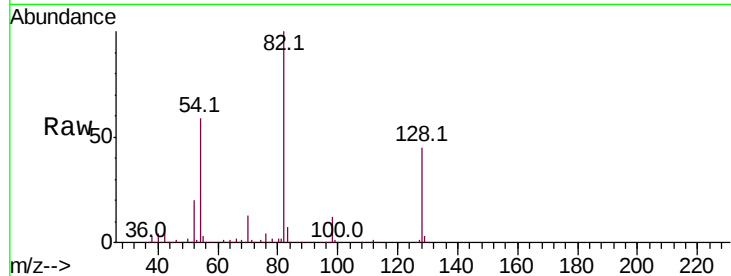




#23
Nitrobenzene-d5
Concen: 87.297 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114274.D
Acq: 15 May 2019 00:35

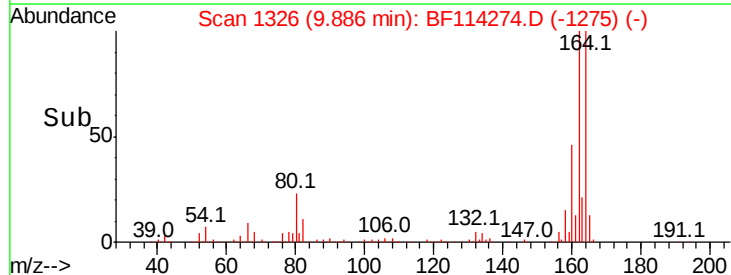
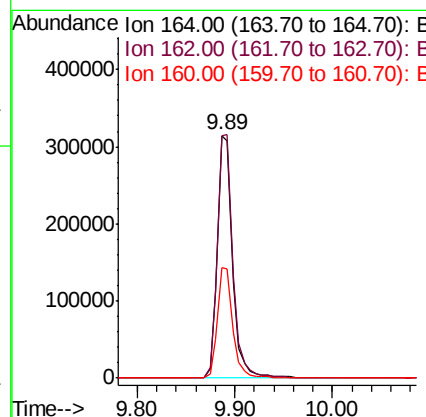
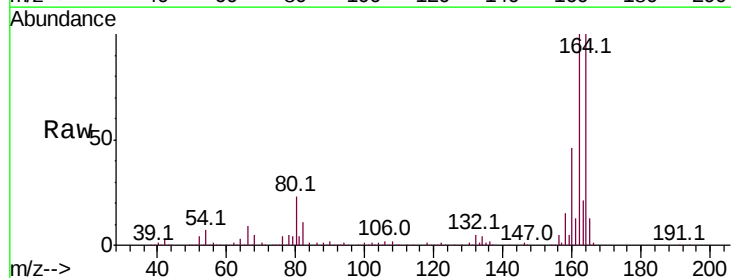
Instrument :
BNA_F
ClientSampleId :
051119-LIFT-F-U-B

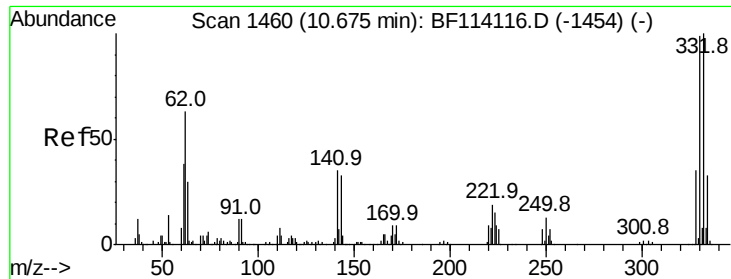
Tot Ion: 82 Resp: 1203681
Ion Ratio Lower Upper
82 100
128 45.2 35.5 53.3
54 59.2 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114274.D
Acq: 15 May 2019 00:35

Tgt Ion:164 Resp: 340147
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 45.8 36.5 54.7

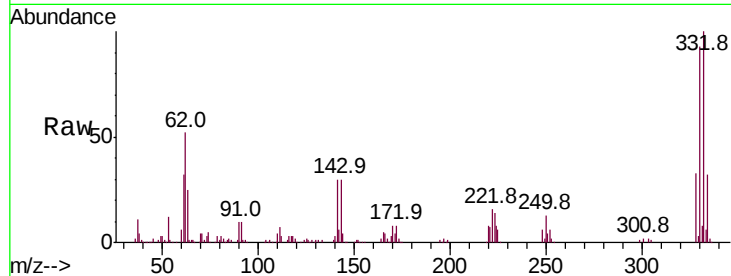




#42
 2,4,6-Tribromophenol
 Concen: 65.590 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114274.D
 Acq: 15 May 2019 00:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.7	81.4	122.2
141	33.4	26.6	40.0

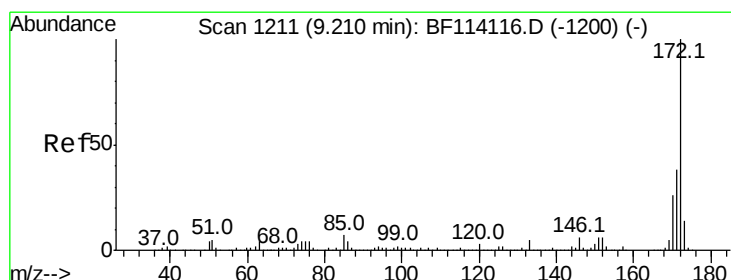
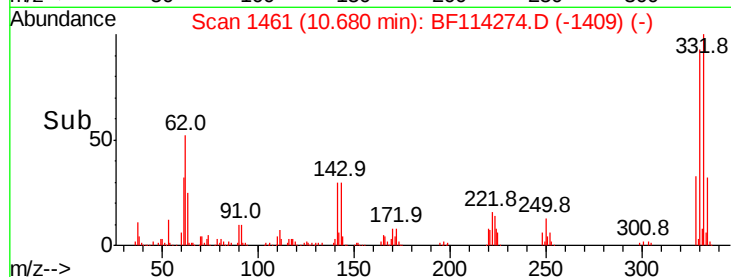
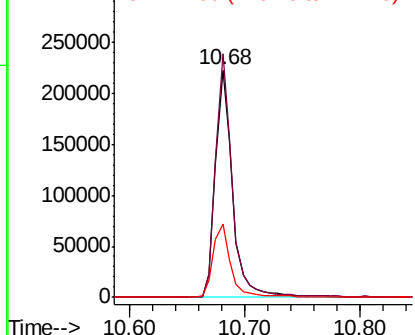


Abundance

Ion 329.80 (329.50 to 330.50): E

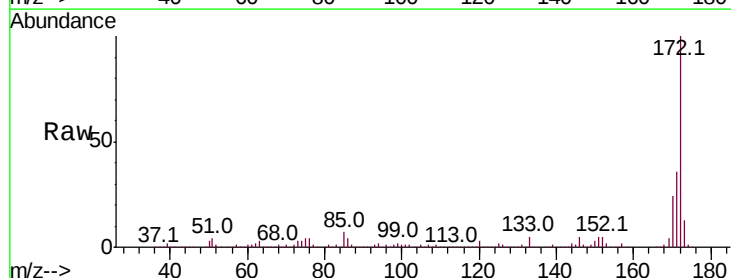
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.446 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114274.D
 Acq: 15 May 2019 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.1	20.5	30.7

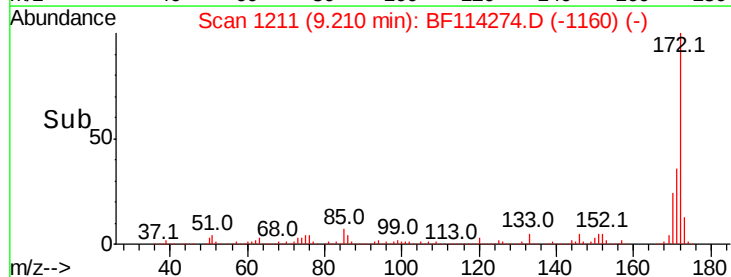
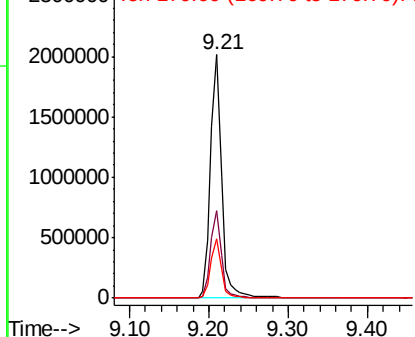


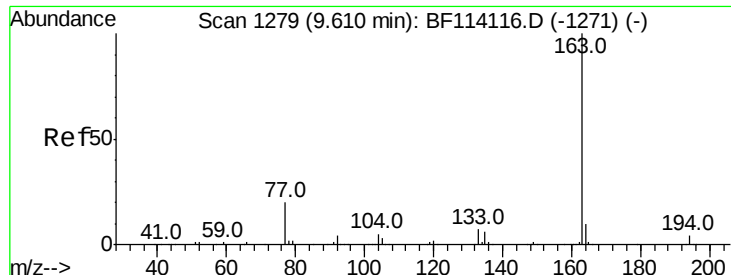
Abundance

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

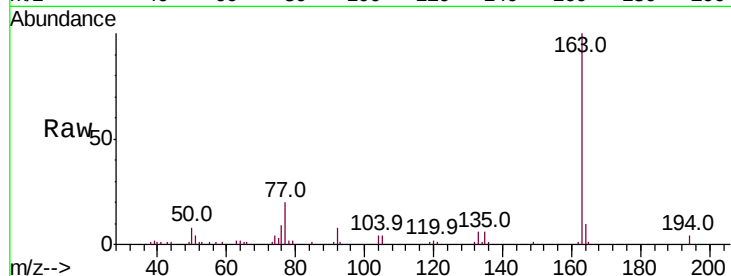




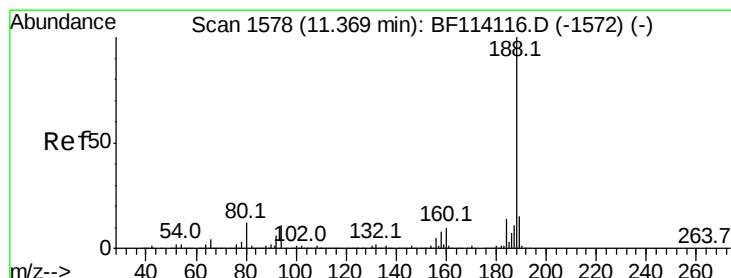
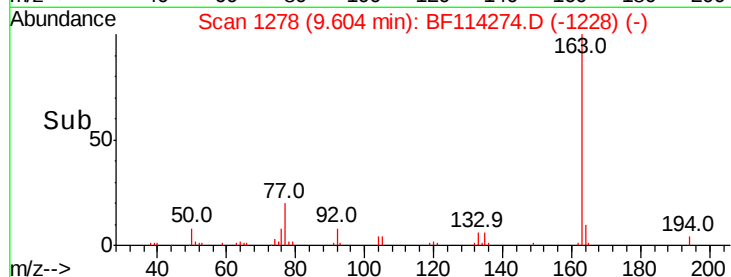
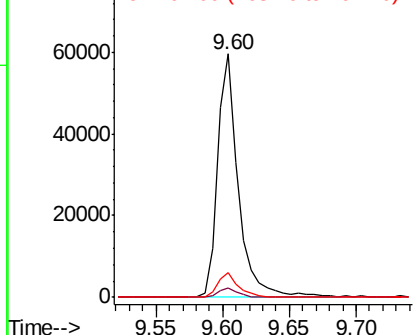
#50
Dimethylphthalate
Concen: 2.614 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114274.D
Acq: 15 May 2019 00:35

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.2	12.2

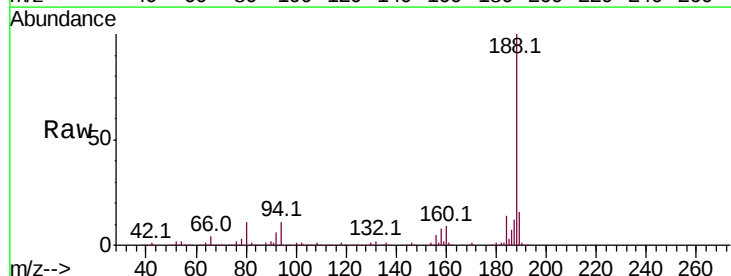


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

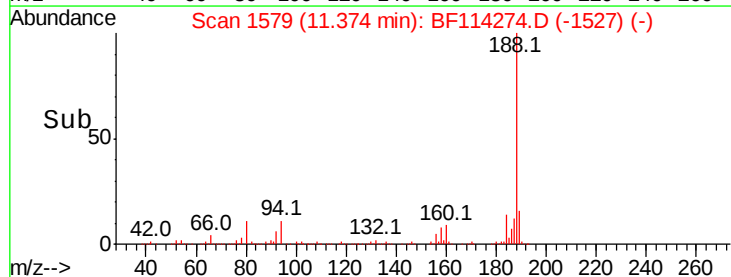
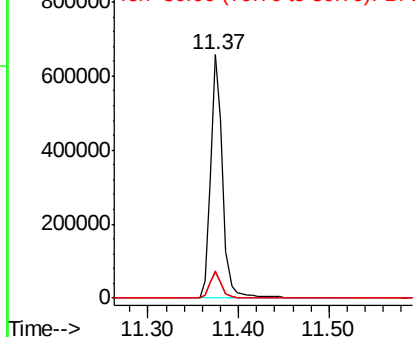


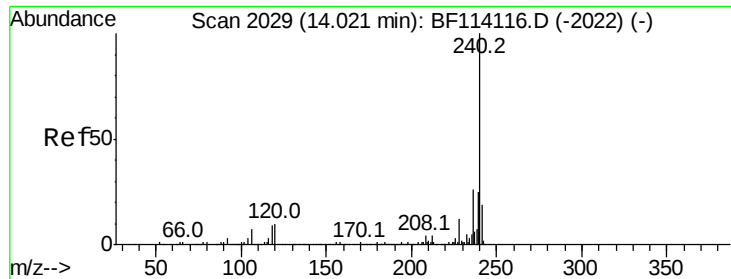
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114274.D
Acq: 15 May 2019 00:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.0	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: BF114274.D

Acq: 15 May 2019 00:35

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-B

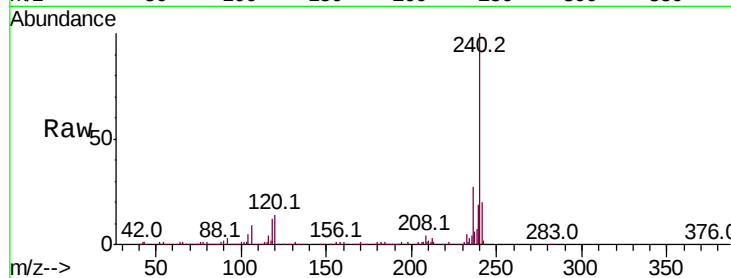
Tot Ion:240 Resp: 499176

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

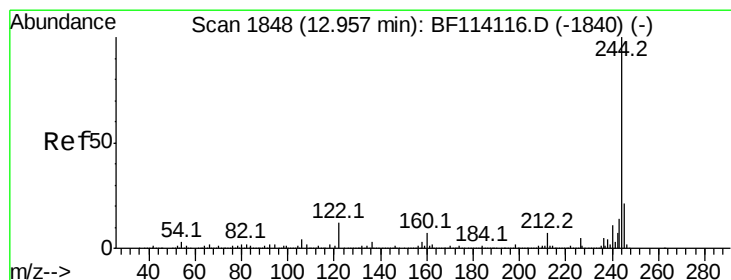
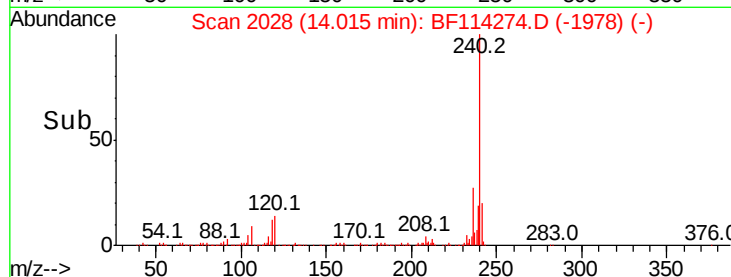
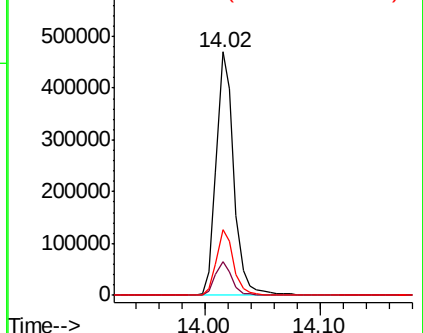
236 27.2 20.8 31.2



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: 72.682 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114274.D

Acq: 15 May 2019 00:35

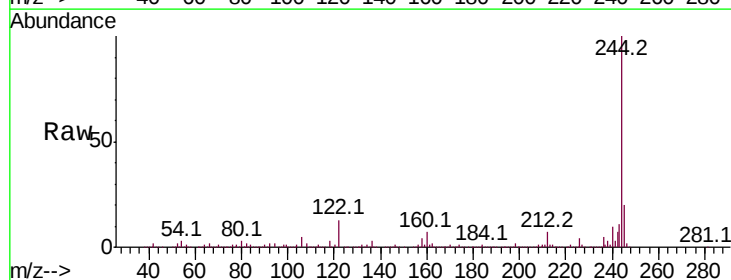
Tgt Ion:244 Resp: 1760007

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

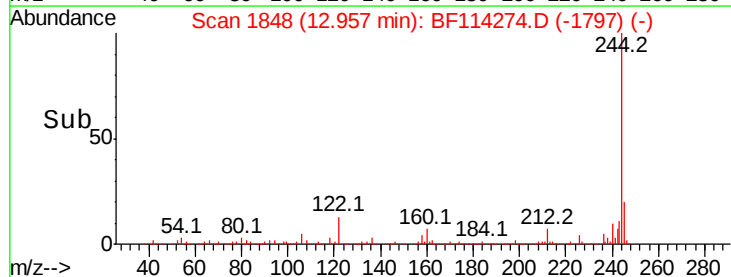
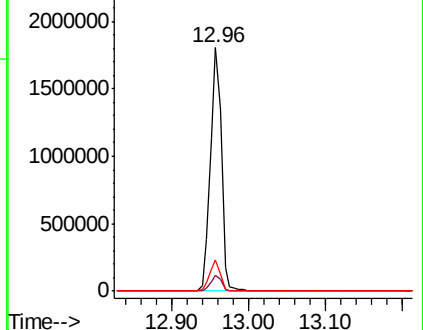
122 13.0 9.4 14.2

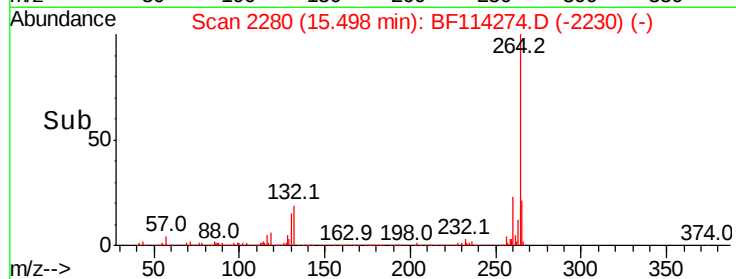
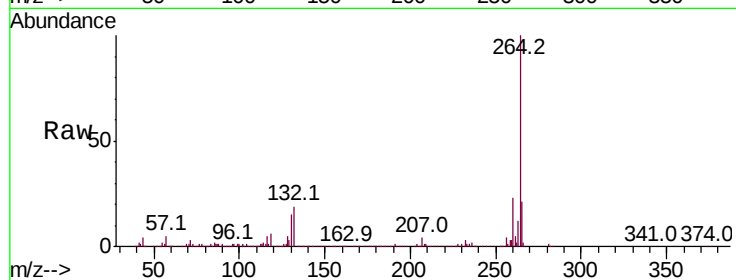
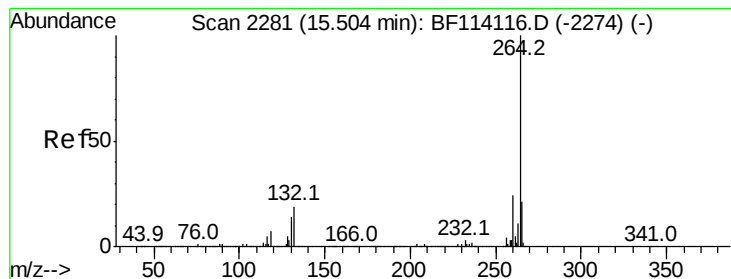


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF114274.D

Acq: 15 May 2019 00:35

Instrument :

BNA_F

ClientSampleId :

051119-LIFT-F-U-B

Tot Ion:264 Resp: 499927

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.3 16.9 25.3

