

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116318.D
 Acq On : 16 Aug 2019 13:20
 Operator : HP/JU
 Sample : K4340-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Quant Time: Aug 17 04:01:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

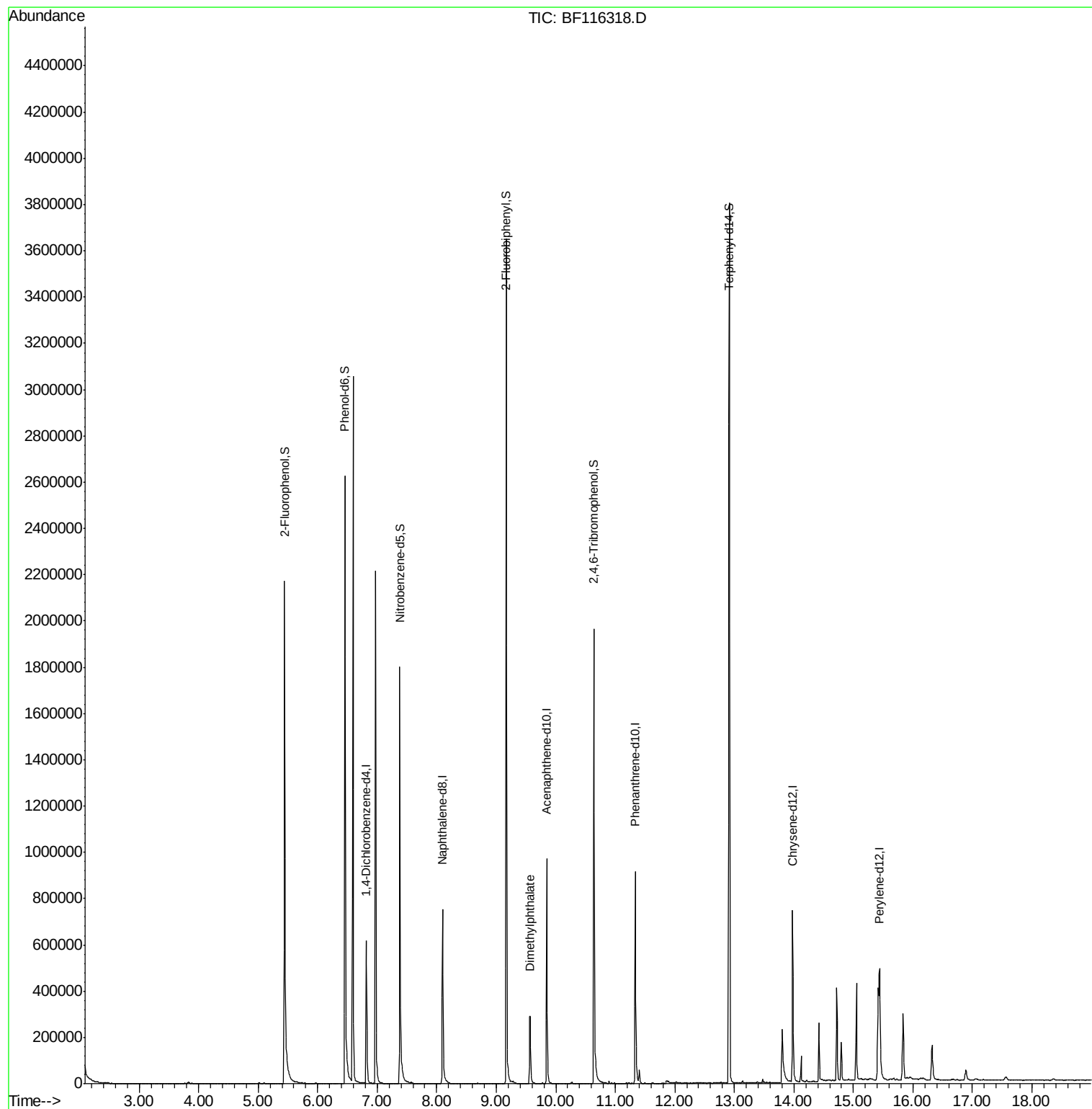
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104143	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	400666	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	218327	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	408949	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294986	20.00	ng	-0.03
87) Perylene-d12	15.44	264	283316	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	814545	130.94	ng	-0.02
7) Phenol-d6	6.46	99	1034494	131.80	ng	-0.03
23) Nitrobenzene-d5	7.38	82	661142	95.25	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	277409	131.05	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1121064	96.18	ng	-0.04
79) Terphenyl-d14	12.92	244	1325462	94.68	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	9.57	163	167870	11.293	ng	99

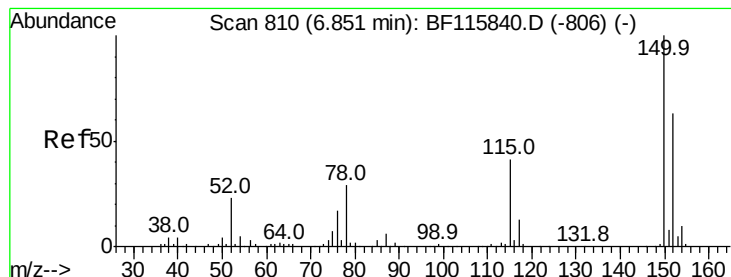
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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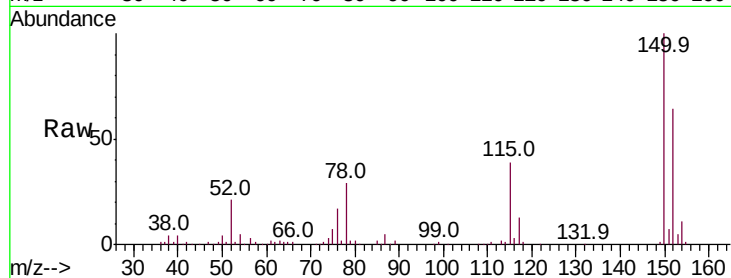


#1

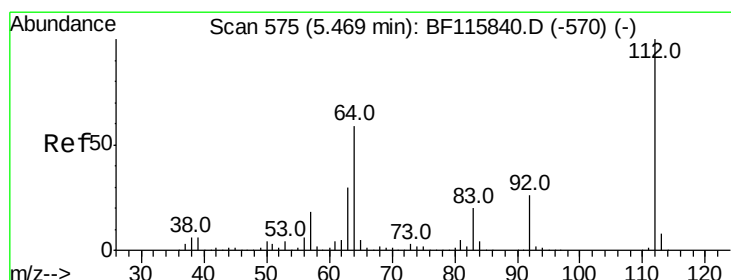
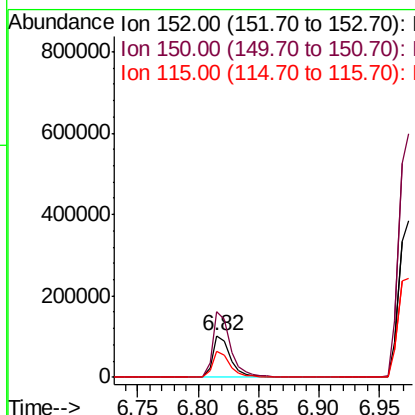
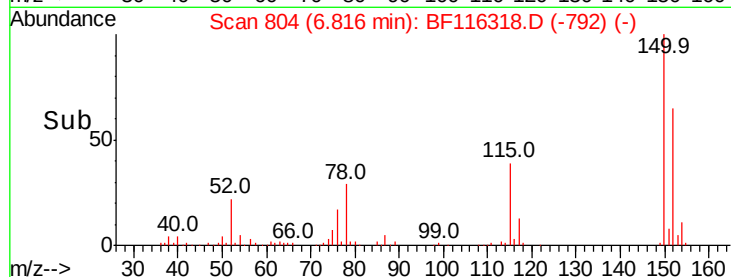
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion:152 Resp: 104143
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 61.0 49.9 74.9



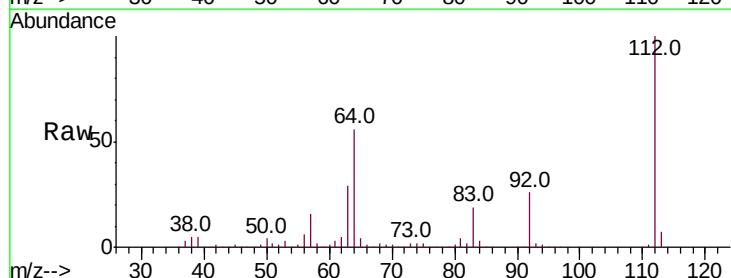
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



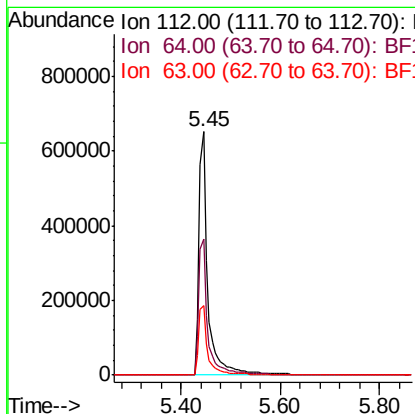
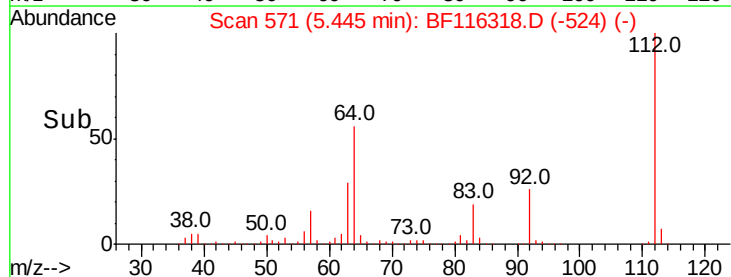
#5

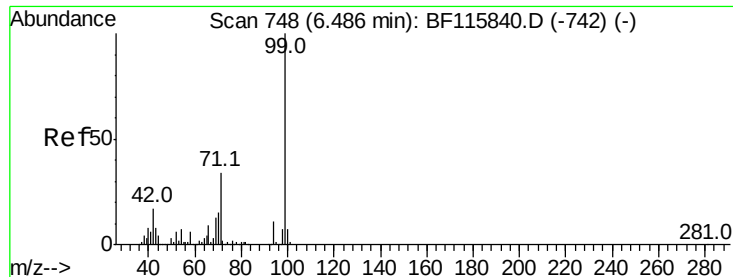
2-Fluorophenol
Concen: 130.935 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Tgt Ion:112 Resp: 814545
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.2
63 28.7 23.7 35.5



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: 131.802 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

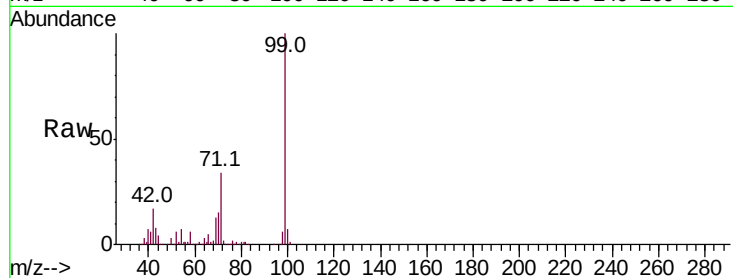
BNA_F

ClientSampleId :

LS-SAMPLE-1

Tot Ion: 99 Resp: 1034494

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.3	27.3	40.9

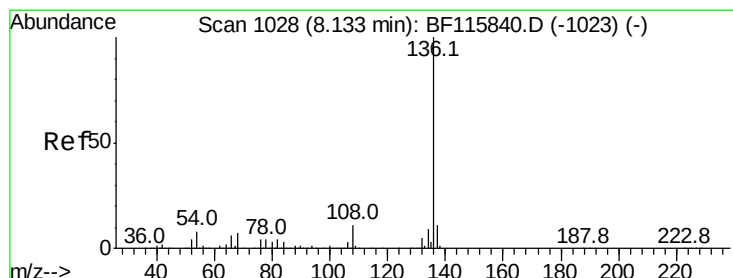
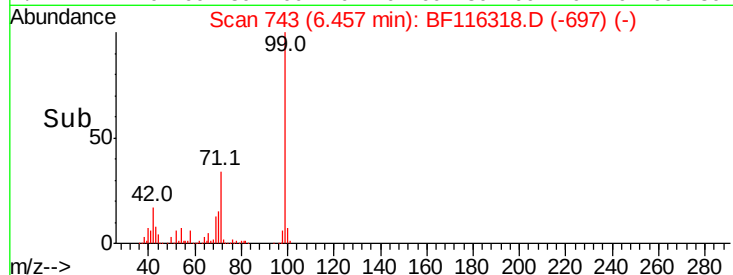
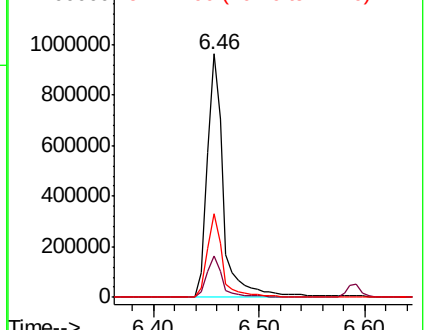


Abundance

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# 1022

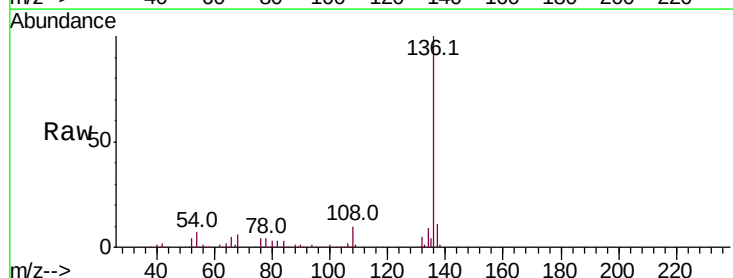
Delta R.T. -0.03 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Tgt Ion: 136 Resp: 400666

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.2	5.8	8.6
68	6.3	5.2	7.8



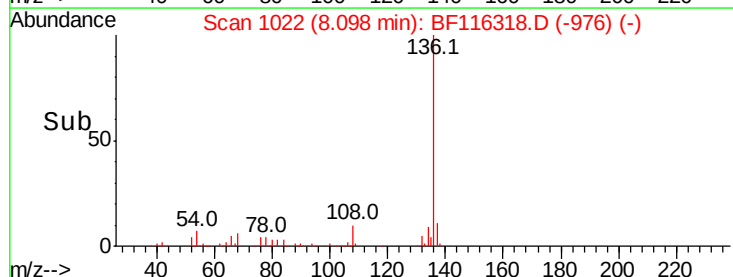
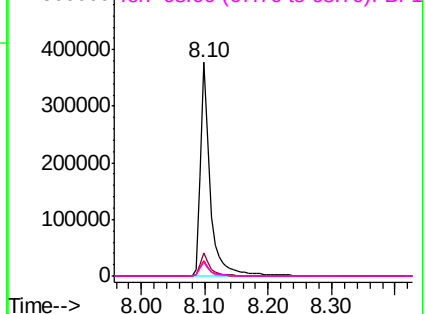
Abundance

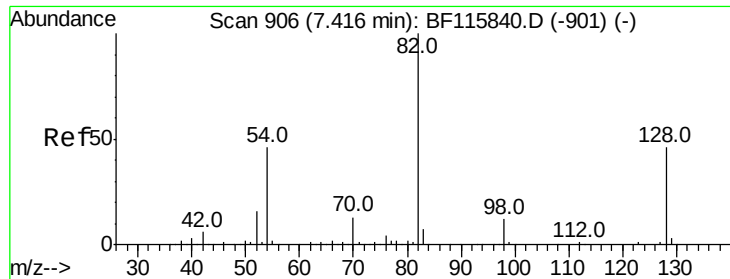
Ion 136.00 (135.70 to 136.70): E

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

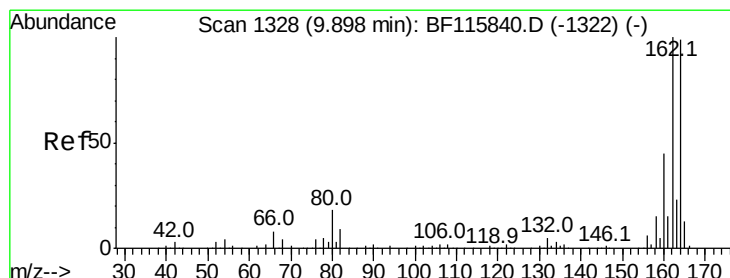
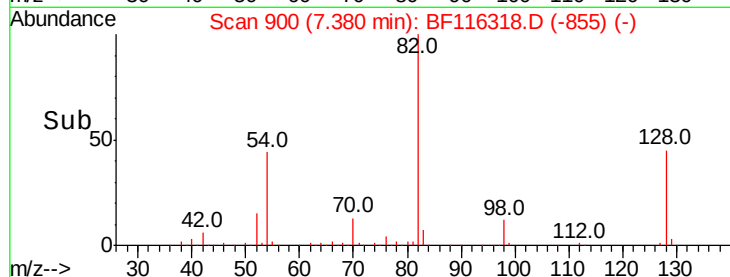
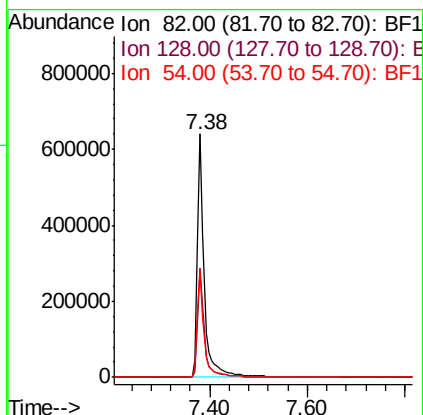
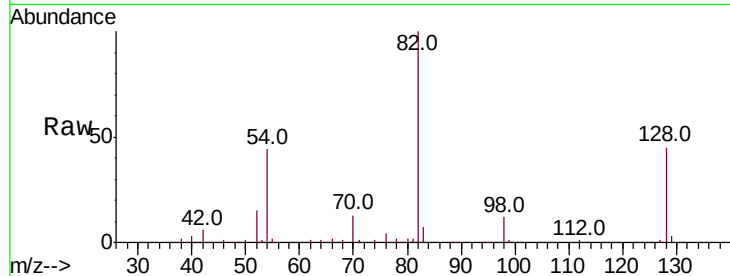




#23
 Nitrobenzene-d5
 Concen: 95.249 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

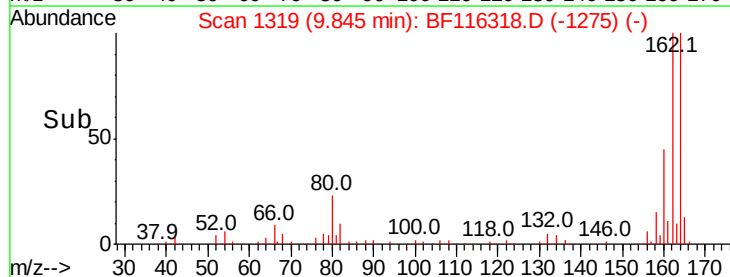
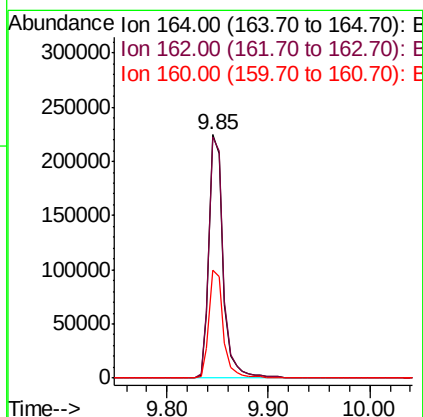
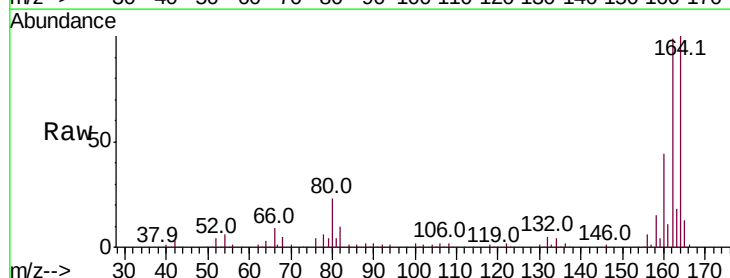
Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

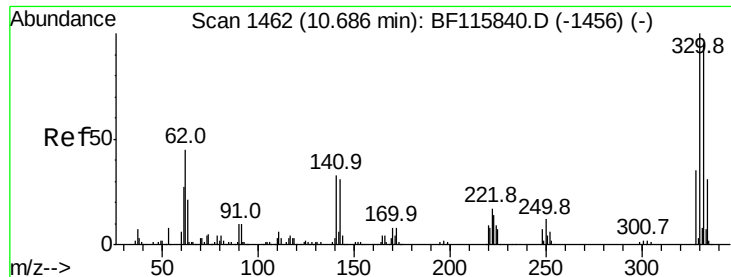
Tot Ion: 82 Resp: 661142
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 44.4 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

Tgt Ion: 164 Resp: 218327
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.6 124.0
 160 44.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 131.055 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

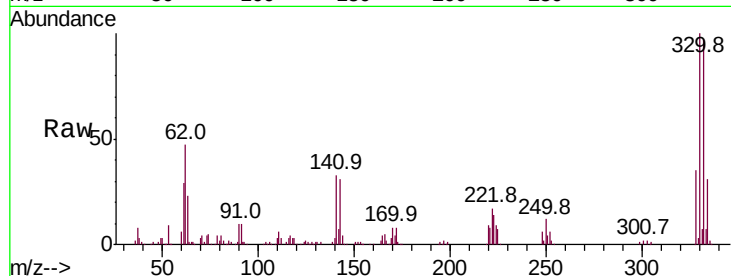
Tot Ion:330 Resp: 277409

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

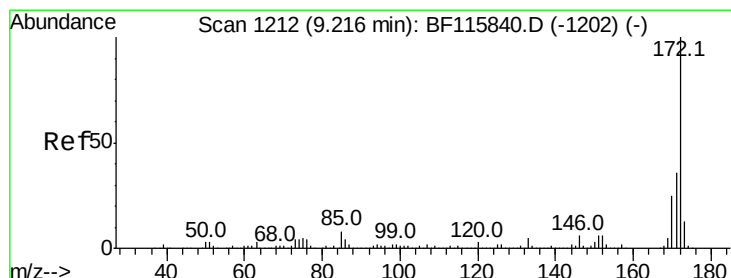
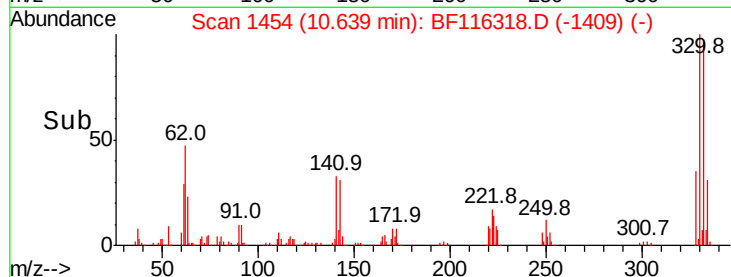
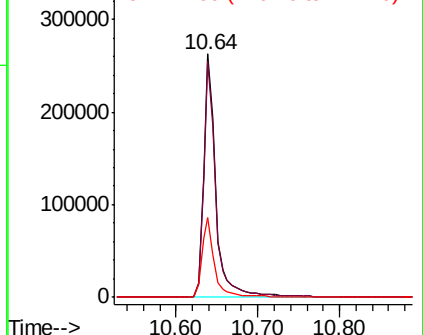
141 33.9 26.3 39.5



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: 96.178 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

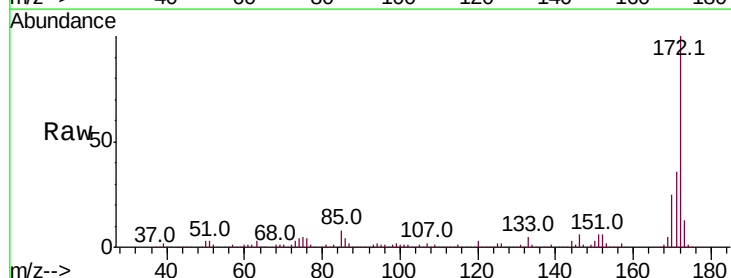
Tgt Ion:172 Resp: 1121064

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

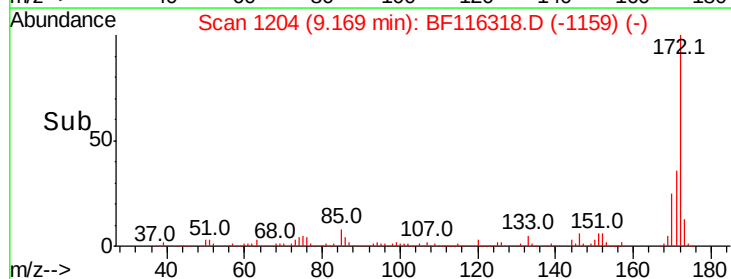
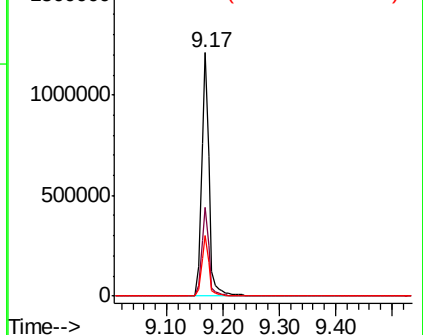
170 24.8 20.1 30.1

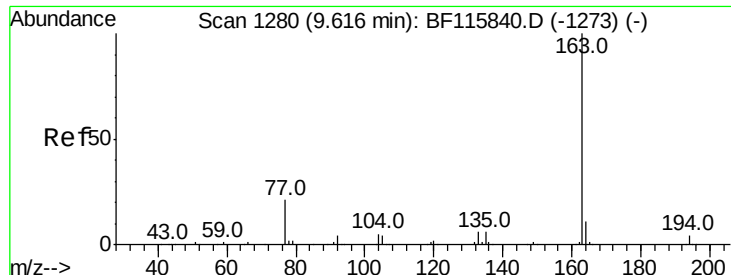


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.293 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

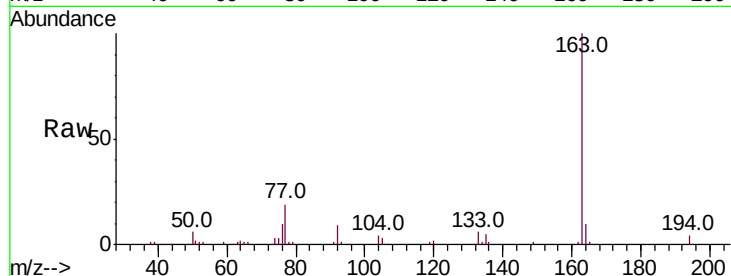
Tot Ion:163 Resp: 167870

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

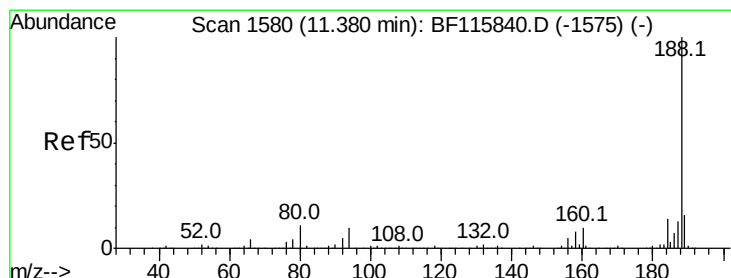
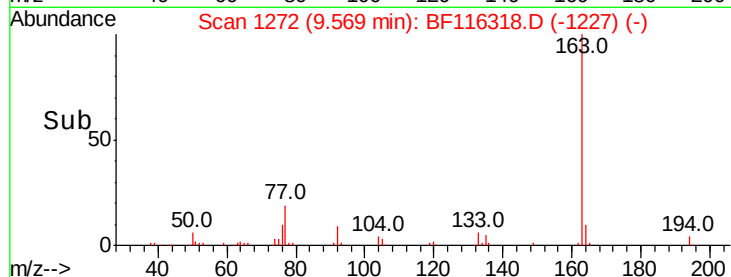
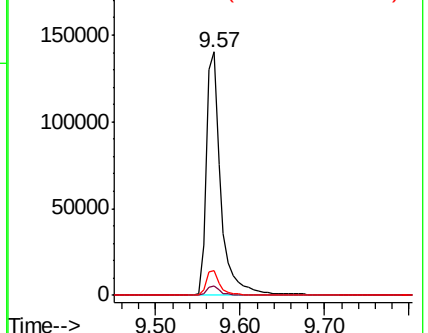
164 10.0 8.4 12.6



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: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

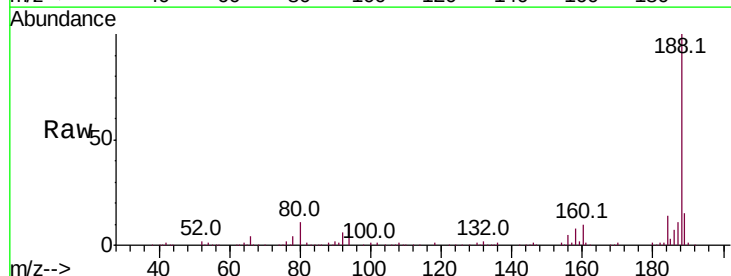
Tgt Ion:188 Resp: 408949

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

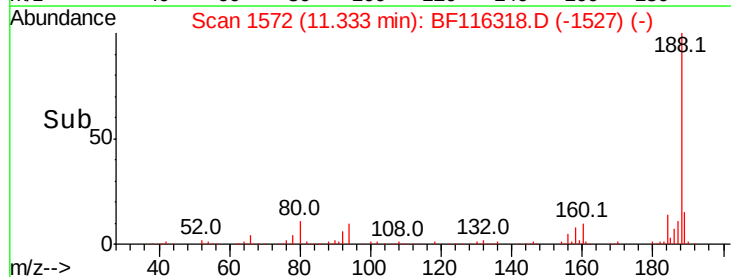
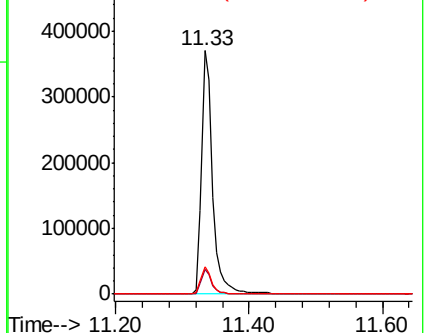
80 11.3 8.7 13.1

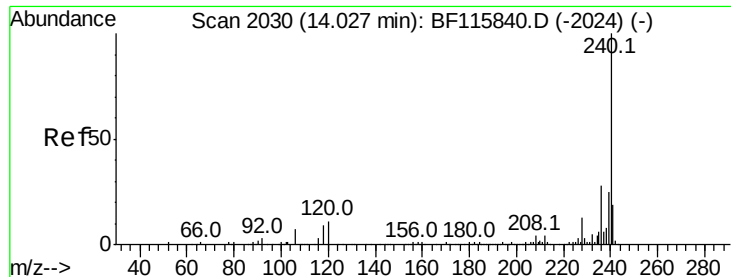


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

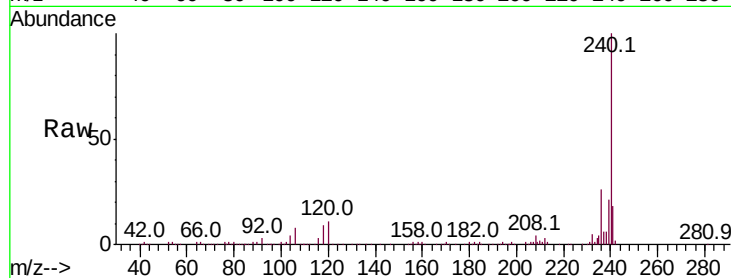
Tot Ion:240 Resp: 294986

Ion Ratio Lower Upper

240 100

120 11.2 10.7 16.1

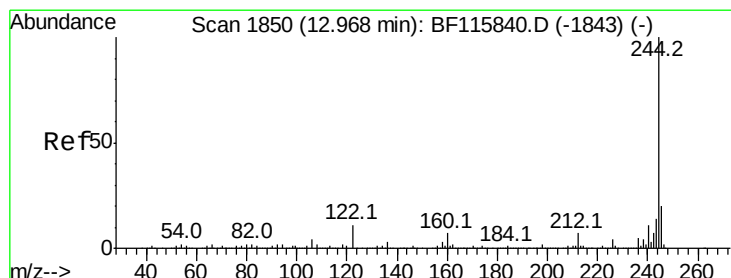
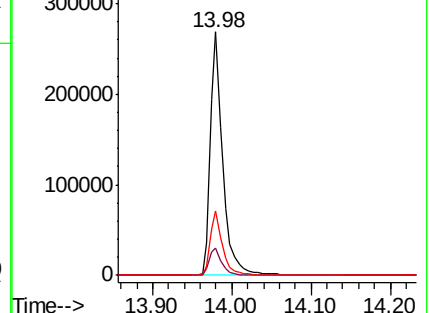
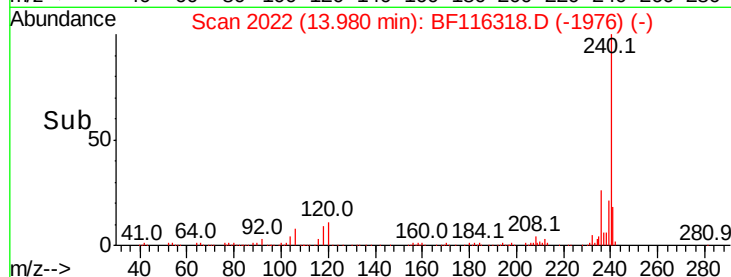
236 26.3 22.2 33.2



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: 94.681 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

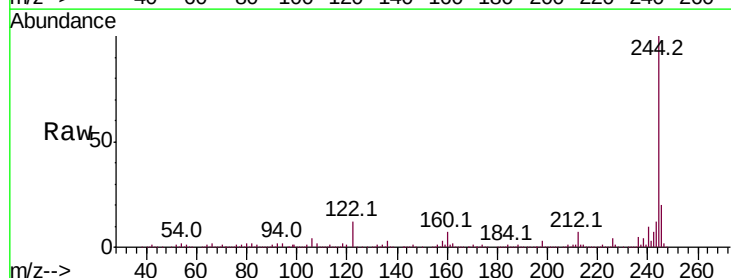
Tgt Ion:244 Resp: 1325462

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

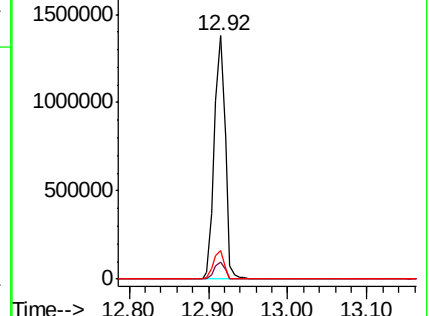
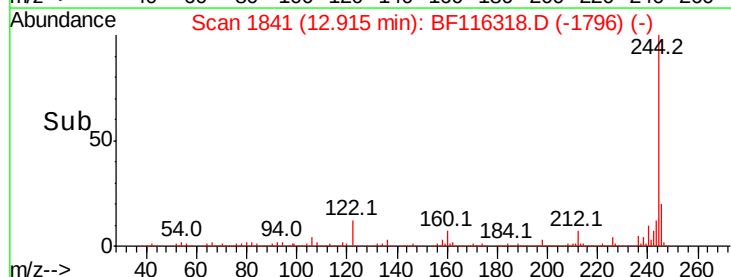
122 11.8 9.0 13.4

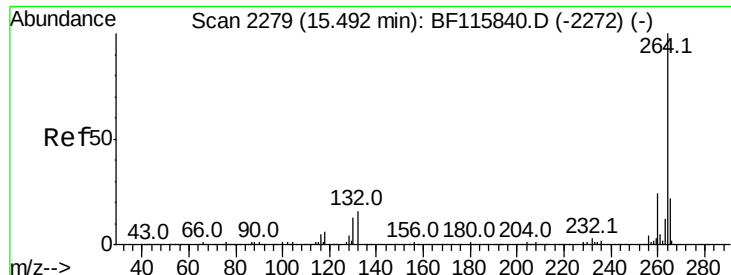


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

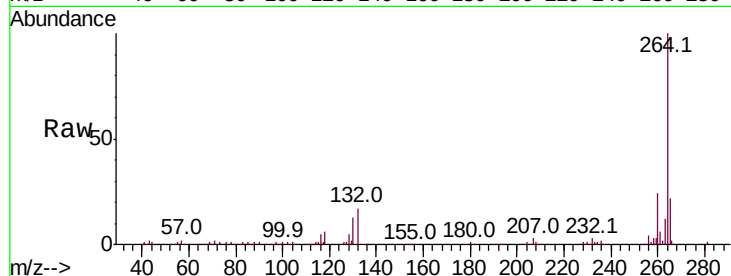




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.2	17.4	26.0



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

