

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116316.D
 Acq On : 16 Aug 2019 12:27
 Operator : HP/JU
 Sample : K4340-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Quant Time: Aug 17 03:54:40 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

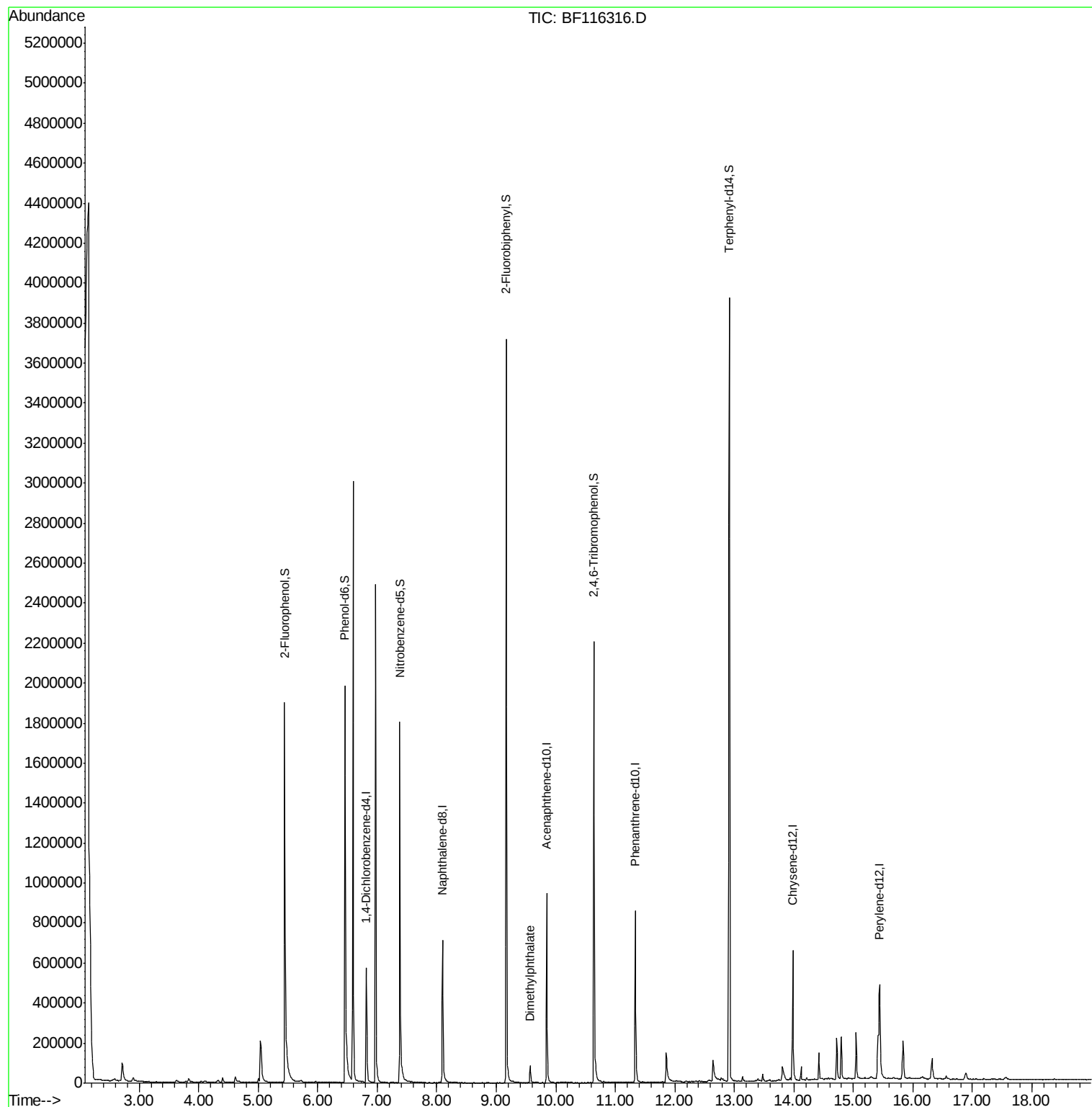
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	99272	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	380881	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	207499	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	382359	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	276157	20.00	ng	-0.03
87) Perylene-d12	15.44	264	277015	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	731993	123.44	ng	-0.02
7) Phenol-d6	6.46	99	888322	118.73	ng	-0.03
23) Nitrobenzene-d5	7.38	82	655488	99.34	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	299433	148.84	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1163639	105.04	ng	-0.04
79) Terphenyl-d14	12.92	244	1425268	108.75	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.57	163	45355	3.210	ng	Qvalue 99

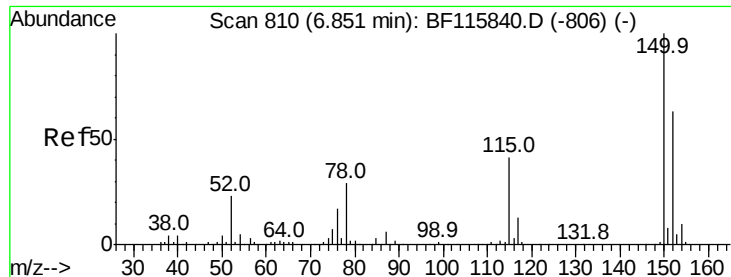
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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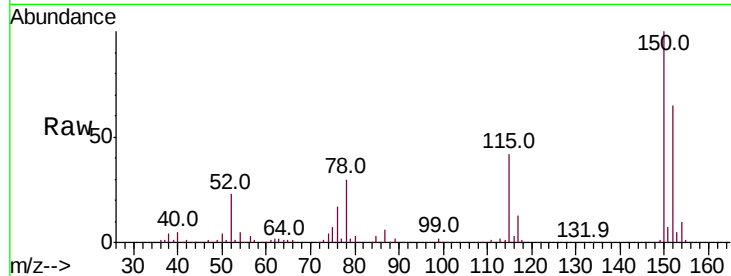


#1

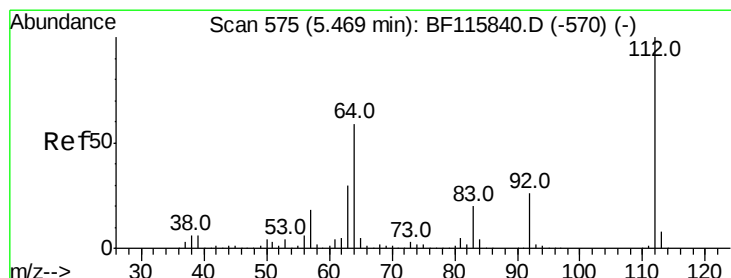
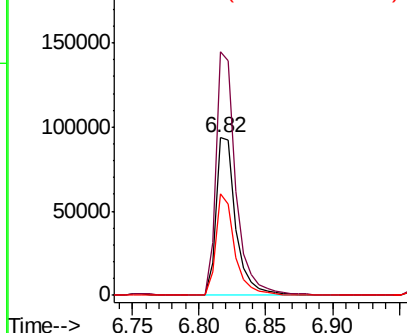
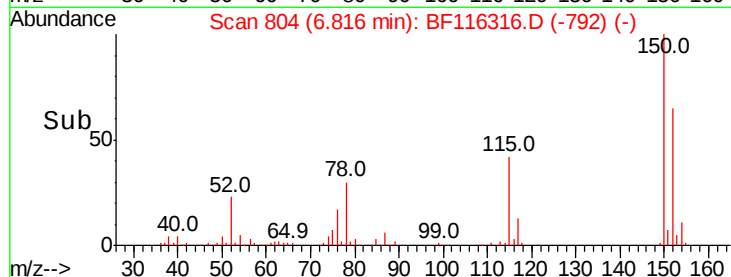
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116316.D
Acq: 16 Aug 2019 12:27

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tot Ion:152 Resp: 99272
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 64.5 49.9 74.9



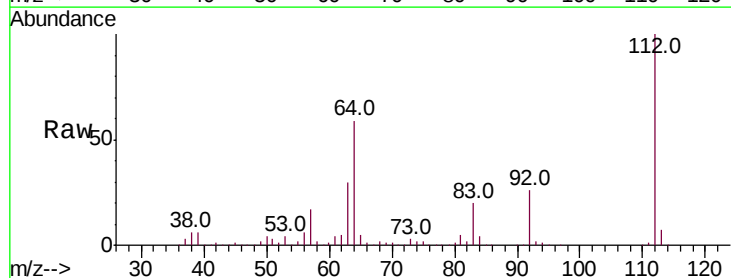
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



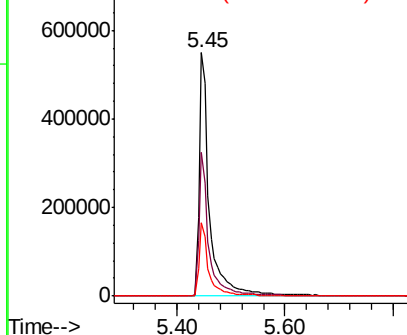
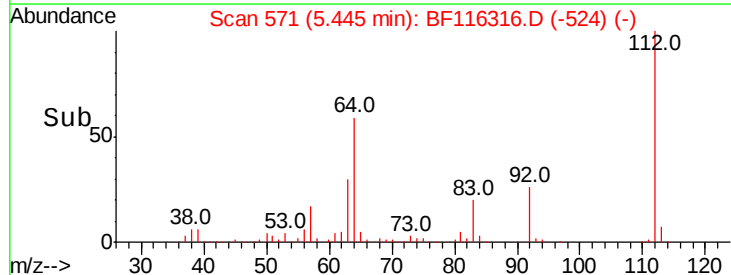
#5

2-Fluorophenol
Concen: 123.439 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116316.D
Acq: 16 Aug 2019 12:27

Tgt Ion:112 Resp: 731993
Ion Ratio Lower Upper
112 100
64 59.2 45.4 68.2
63 30.1 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: 118.732 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116316.D

Acq: 16 Aug 2019 12:27

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

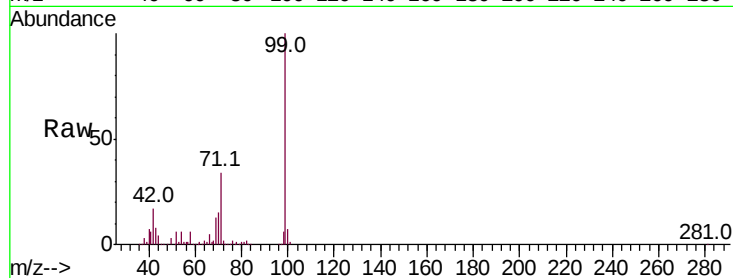
Tot Ion: 99 Resp: 888322

Ion Ratio Lower Upper

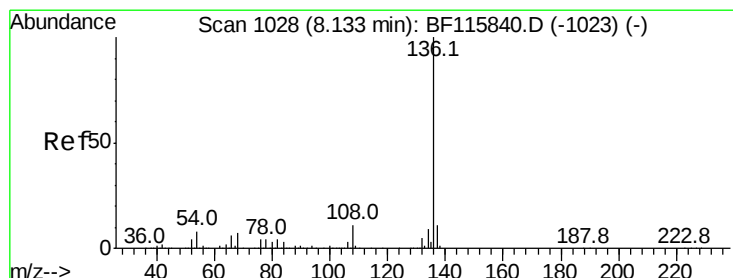
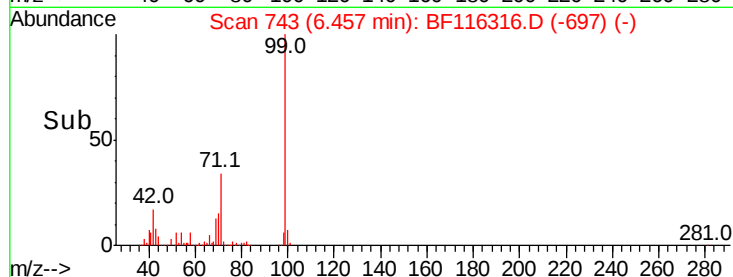
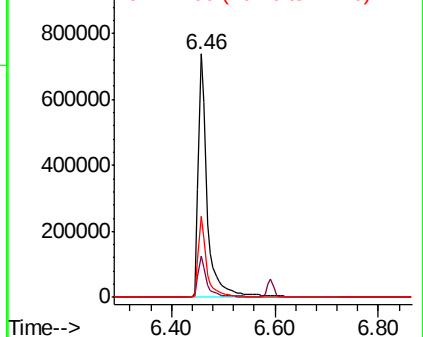
99 100

42 16.9 13.8 20.8

71 33.5 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: BF116316.D

Acq: 16 Aug 2019 12:27

Tgt Ion: 136 Resp: 380881

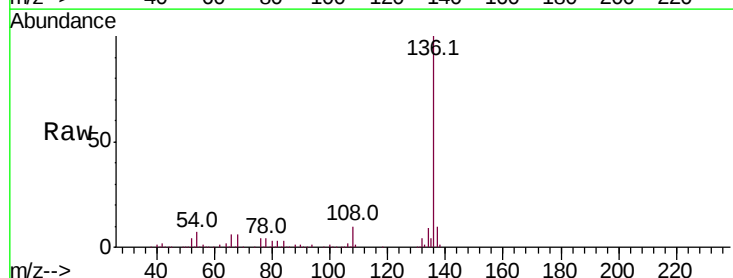
Ion Ratio Lower Upper

136 100

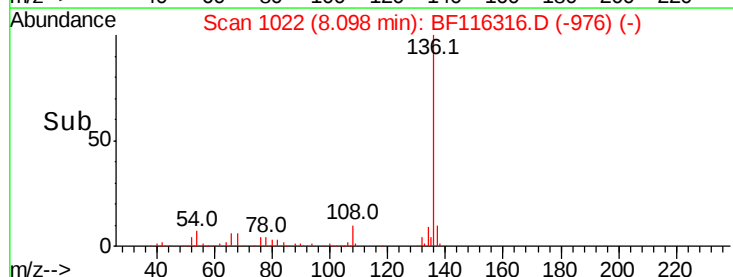
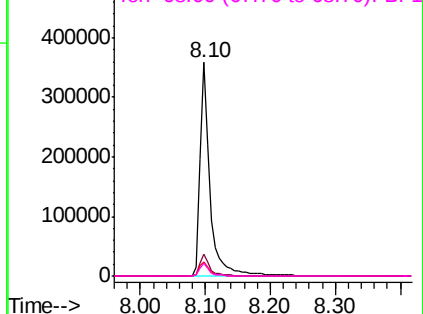
137 10.5 9.0 13.4

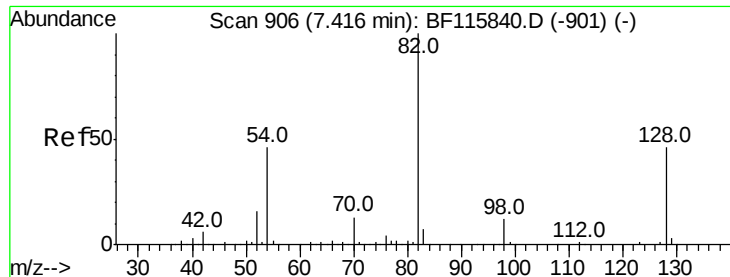
54 6.8 5.8 8.6

68 6.1 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

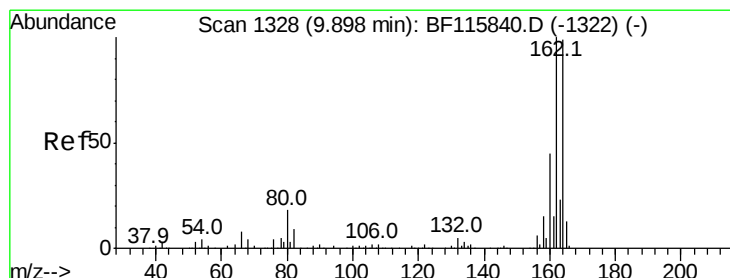
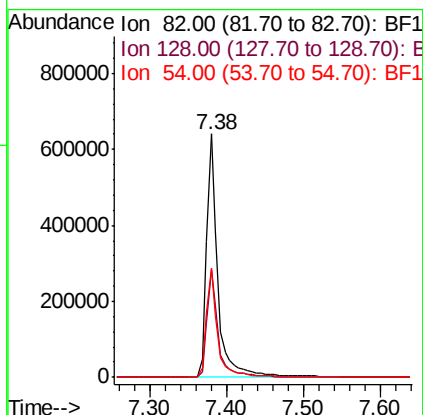
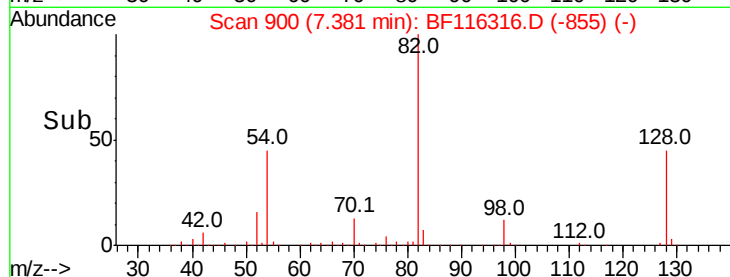
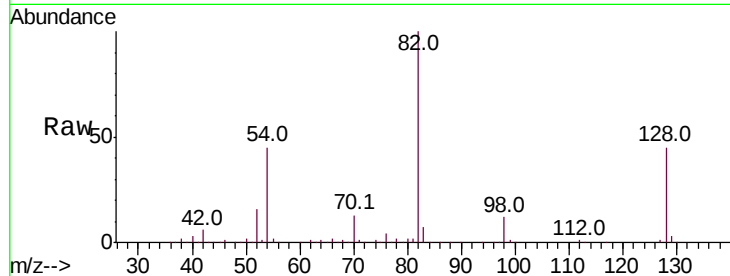




#23
Nitrobenzene-d5
Concen: 99.340 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116316.D
Acq: 16 Aug 2019 12:27

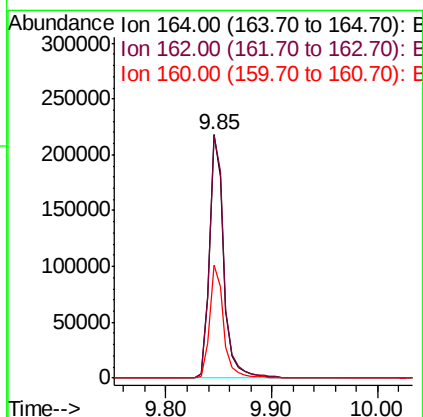
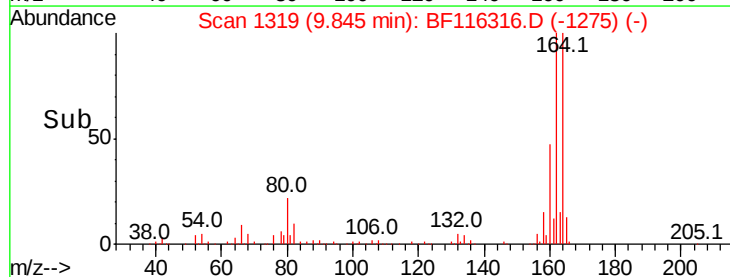
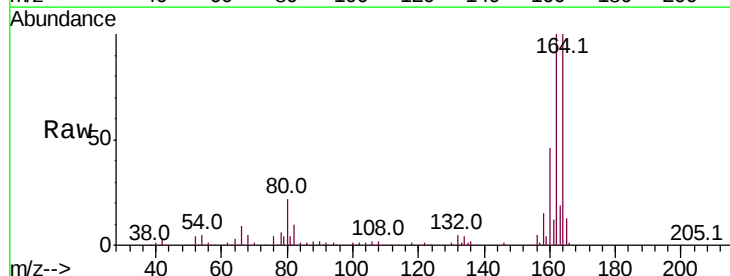
Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

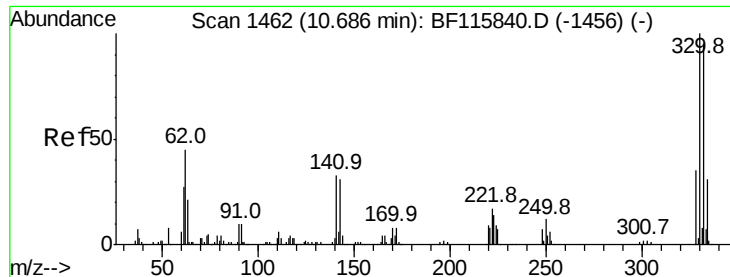
Tot Ion: 82 Resp: 655488
Ion Ratio Lower Upper
82 100
128 44.6 36.5 54.7
54 44.8 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116316.D
Acq: 16 Aug 2019 12:27

Tgt Ion:164 Resp: 207499
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 46.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 148.841 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116316.D

Acq: 16 Aug 2019 12:27

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

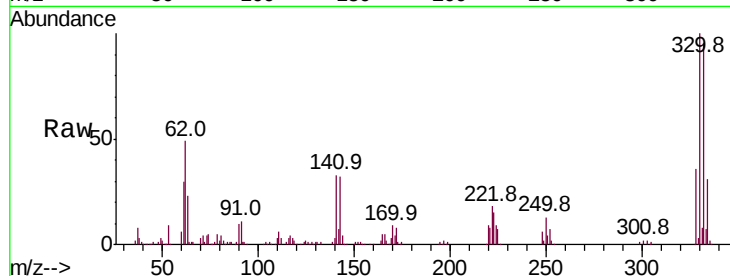
Tot Ion:330 Resp: 299433

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

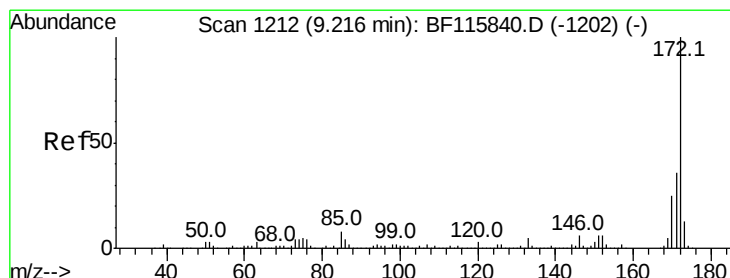
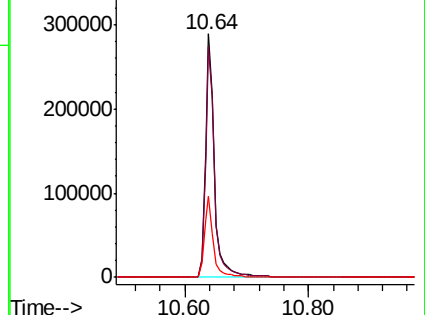
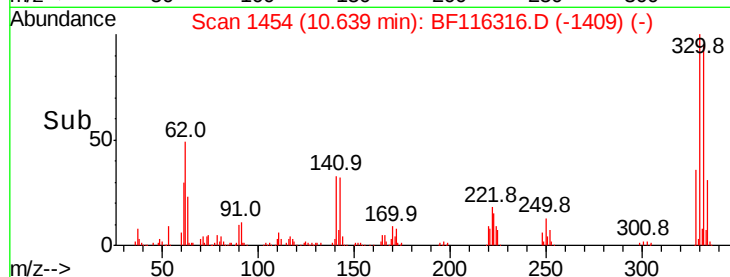
141 33.4 26.3 39.5



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: 105.041 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116316.D

Acq: 16 Aug 2019 12:27

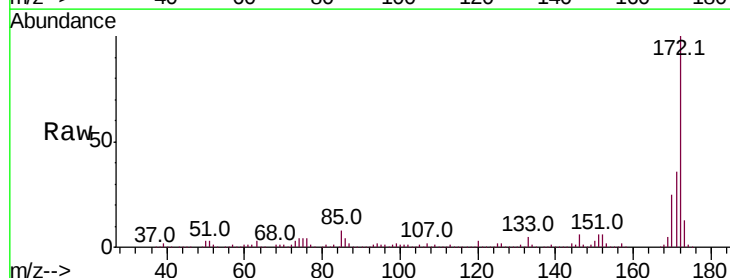
Tgt Ion:172 Resp: 1163639

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

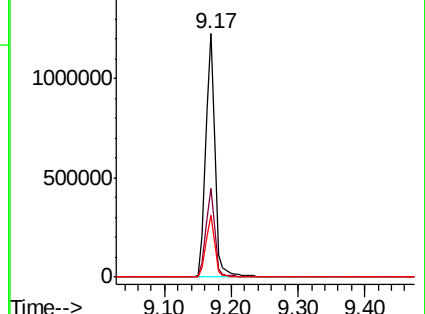
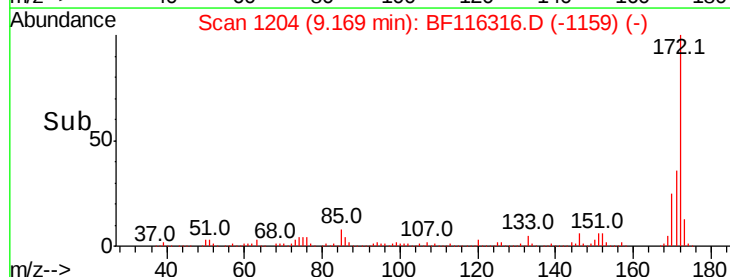
170 25.3 20.1 30.1

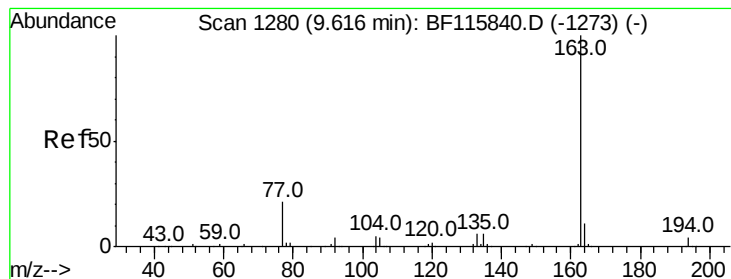


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.210 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116316.D

Acq: 16 Aug 2019 12:27

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

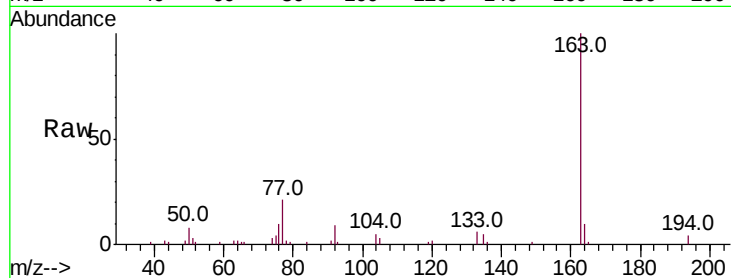
Tot Ion:163 Resp: 45355

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

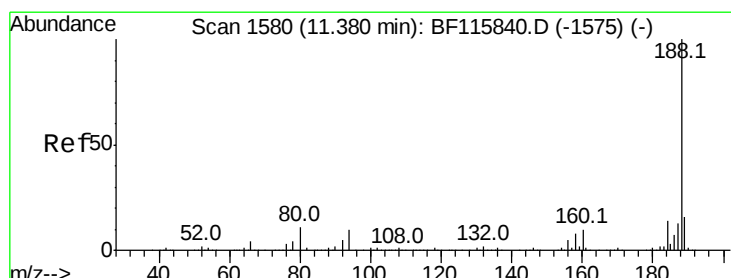
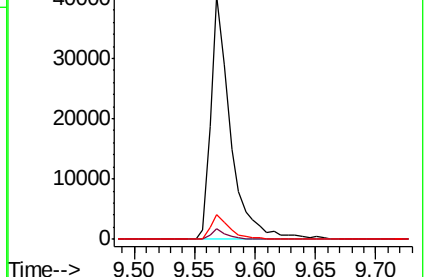
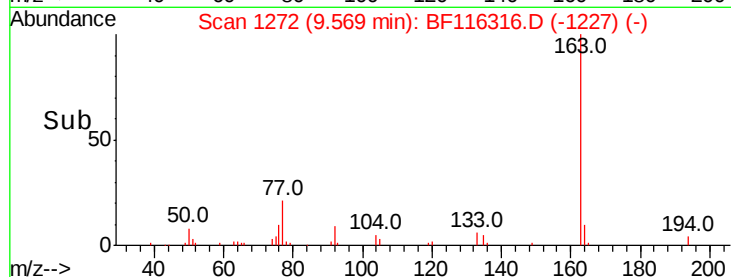
164 10.3 8.4 12.6



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: BF116316.D

Acq: 16 Aug 2019 12:27

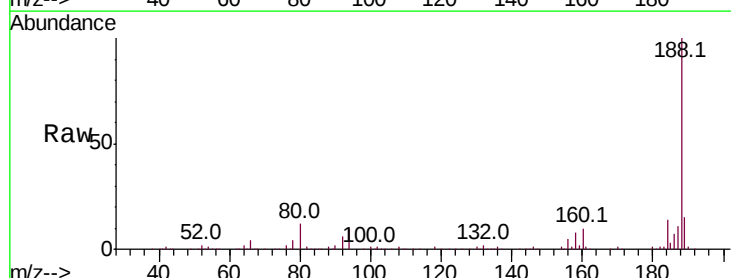
Tgt Ion:188 Resp: 382359

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

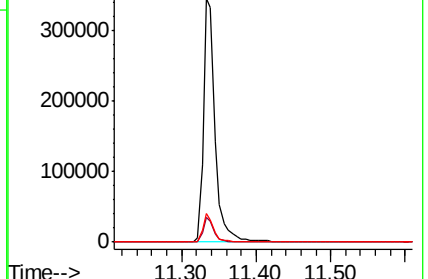
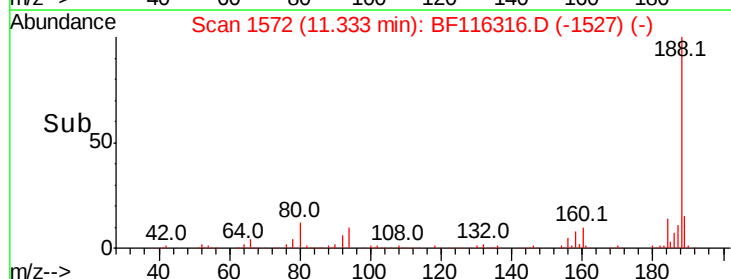
80 11.8 8.7 13.1

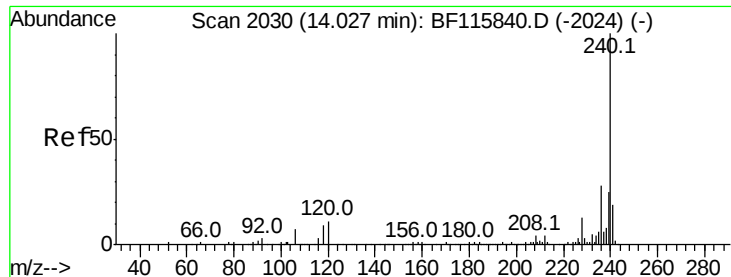


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

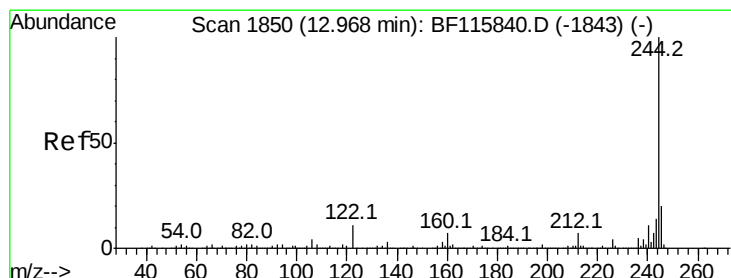
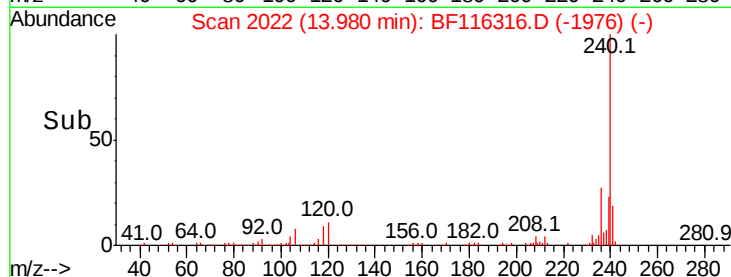
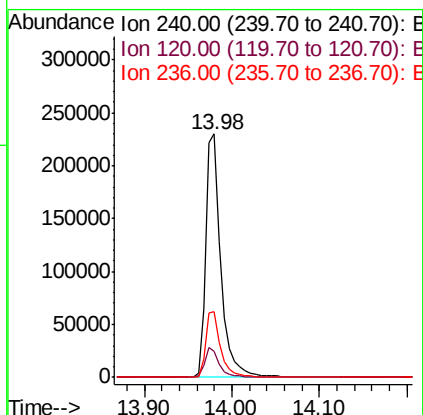
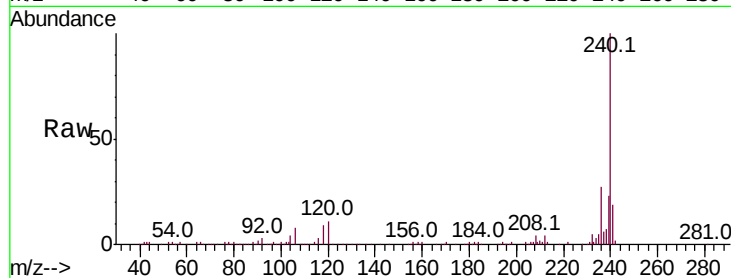




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116316.D
 Acq: 16 Aug 2019 12:27

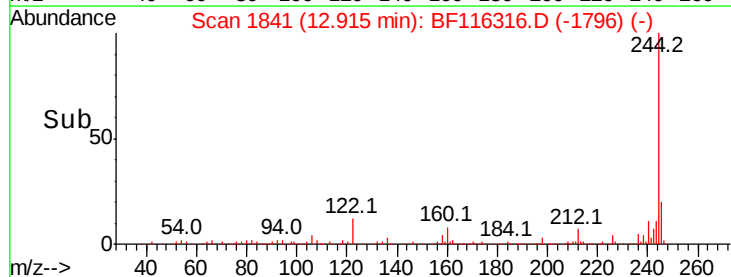
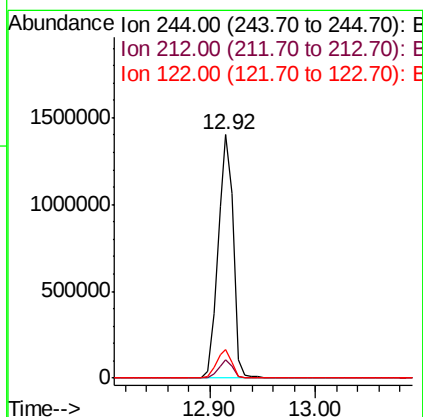
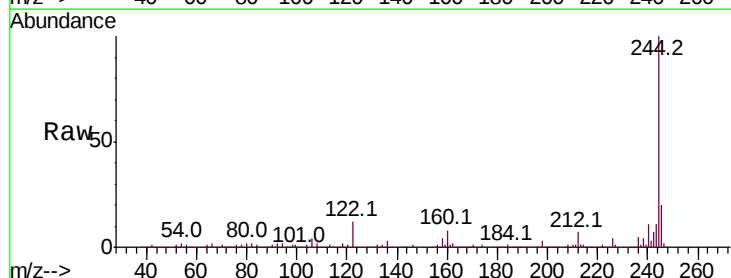
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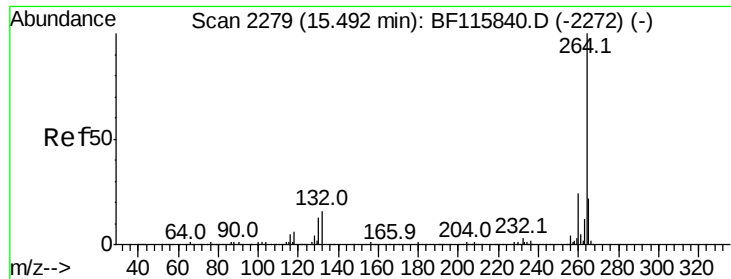
Tot Ion:240 Resp: 276157
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.7 16.1#
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 108.752 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116316.D
 Acq: 16 Aug 2019 12:27

Tgt Ion:244 Resp: 1425268
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.8 9.0 13.4

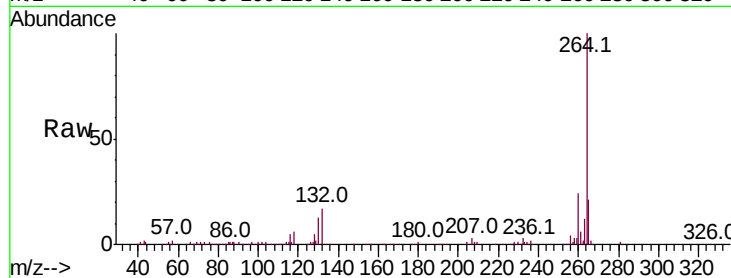




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116316.D
 Acq: 16 Aug 2019 12:27

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Tot Ion:	264	Resp:	277015
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.5	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

