

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116425.D
 Acq On : 20 Aug 2019 10:50
 Operator : HP/JU
 Sample : PB122336TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336TB

Quant Time: Aug 20 15:19:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137233	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	519519	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	273932	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482922	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	352834	20.00	ng	-0.02
87) Perylene-d12	15.42	264	327745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1023537	124.86	ng	0.00
7) Phenol-d6	6.46	99	1322726	127.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	853926	94.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	346572	130.49	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1428239	97.66	ng	-0.01
79) Terphenyl-d14	12.90	244	1635415	97.67	ng	-0.01

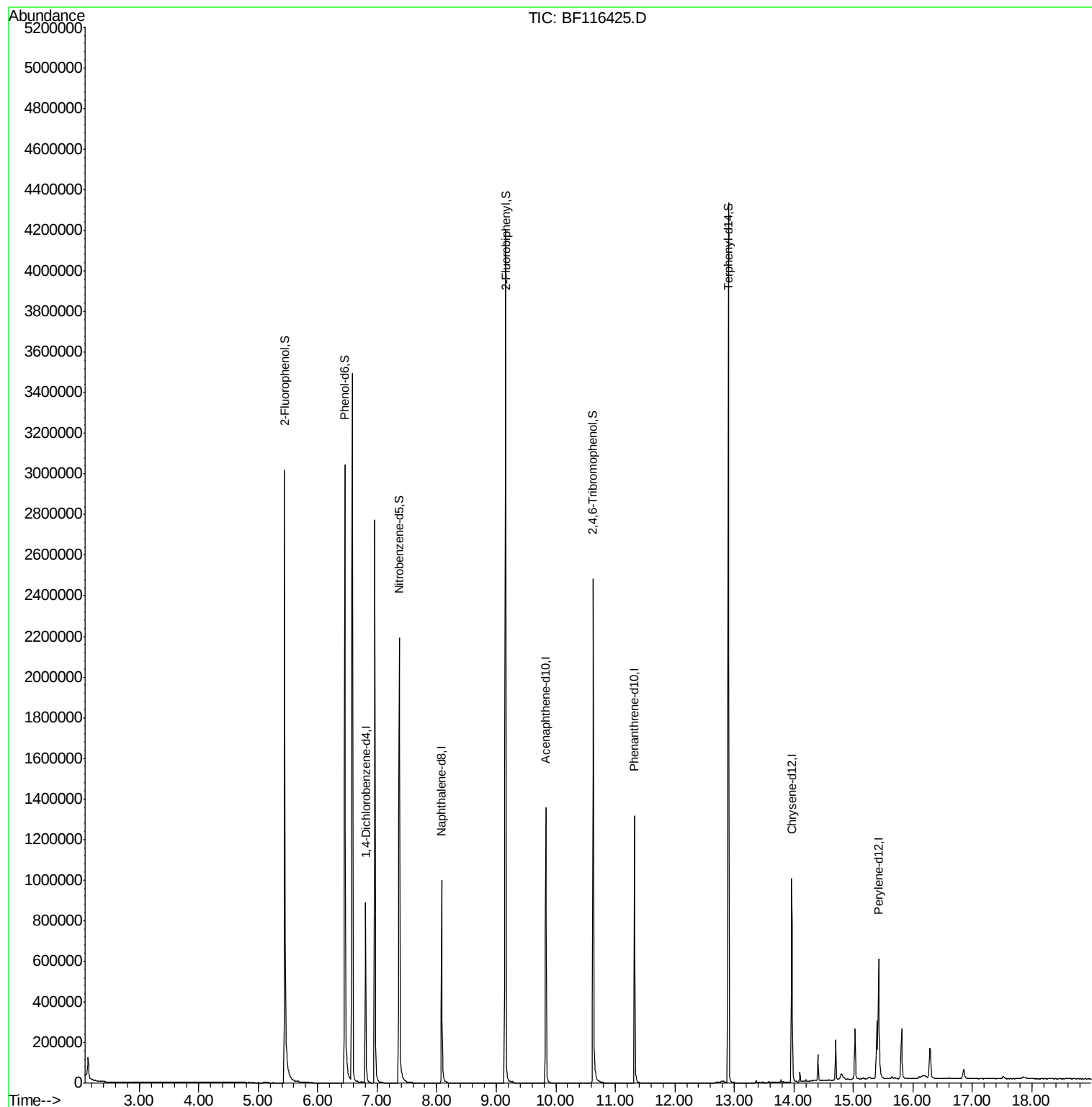
Target Compounds	Qvalue
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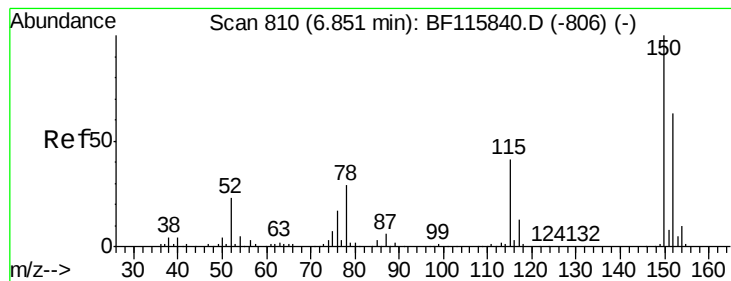
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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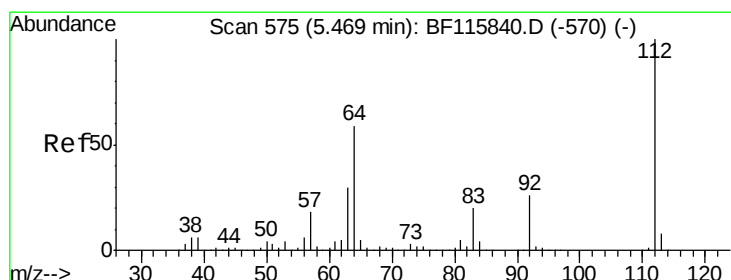
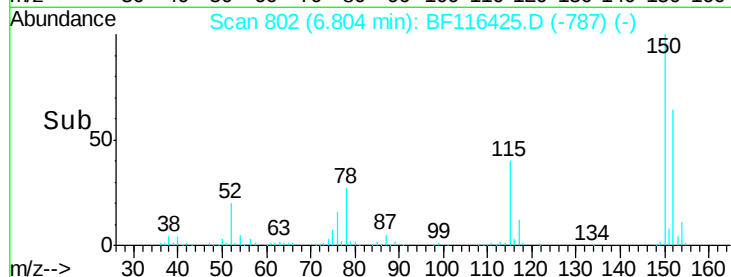
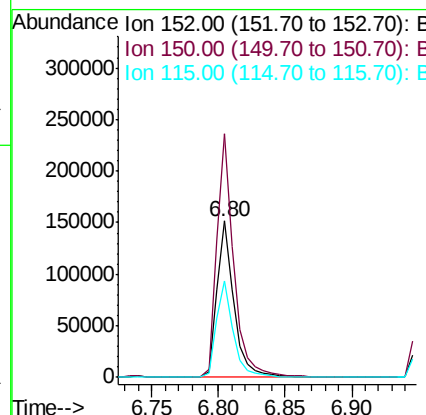
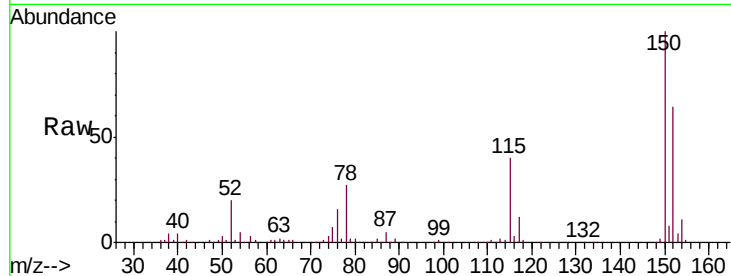


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Instrument :
BNA_F
ClientSampleId :
PB122336TB

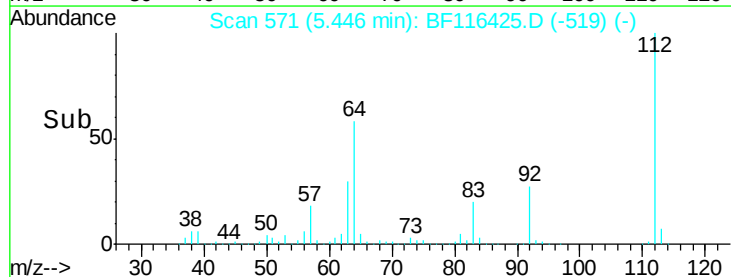
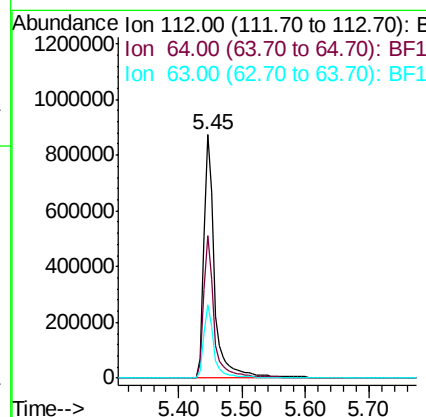
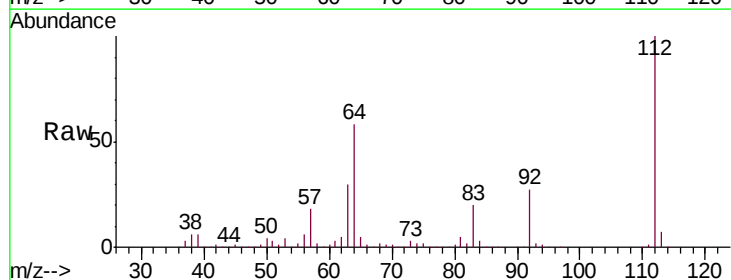
Tgt Ion:152 Resp: 137233
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.9 49.9 74.9



#5

2-Fluorophenol
Concen: 124.858 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Tgt Ion:112 Resp: 1023537
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 127.889 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

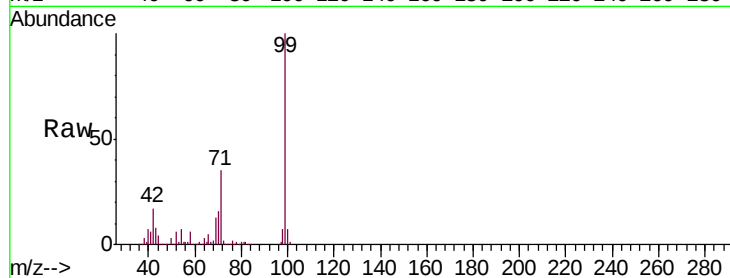
Tgt Ion: 99 Resp: 1322726

Ion Ratio Lower Upper

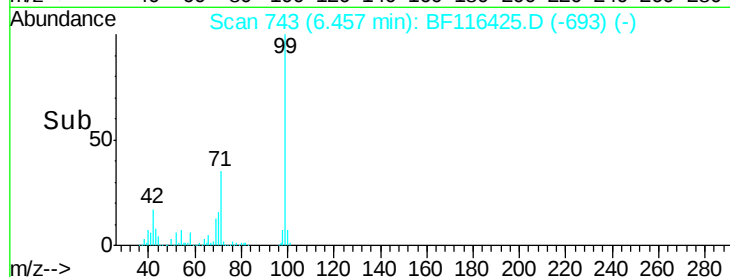
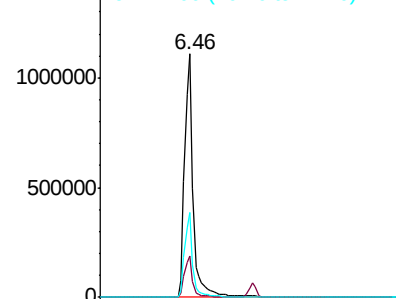
99 100

42 17.0 13.8 20.8

71 34.6 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: BF116425.D

Acq: 20 Aug 2019 10:50

Tgt Ion: 136 Resp: 519519

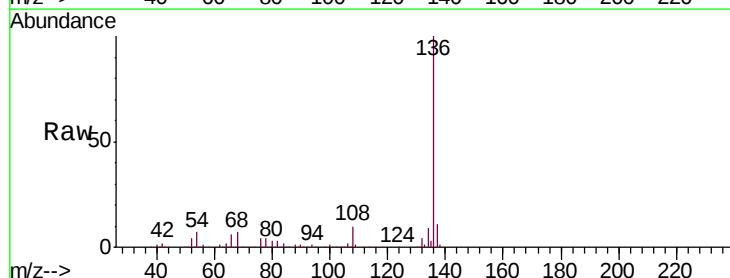
Ion Ratio Lower Upper

136 100

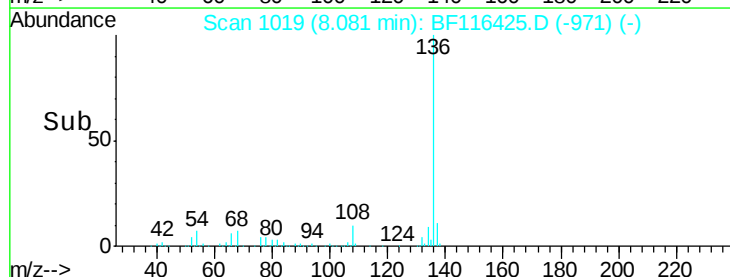
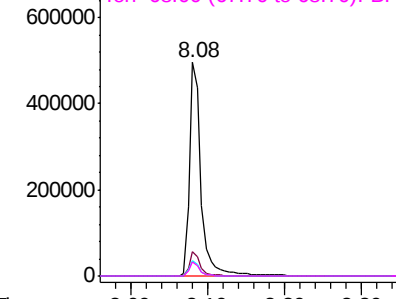
137 11.2 9.0 13.4

54 7.4 5.8 8.6

68 6.6 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

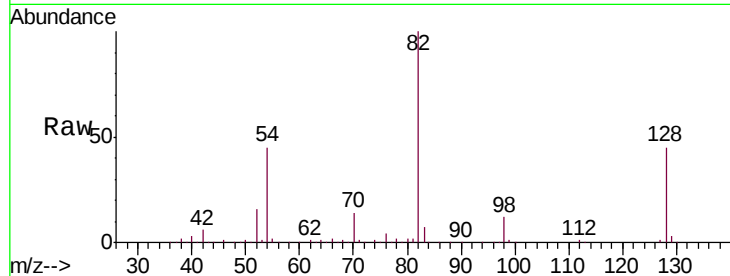




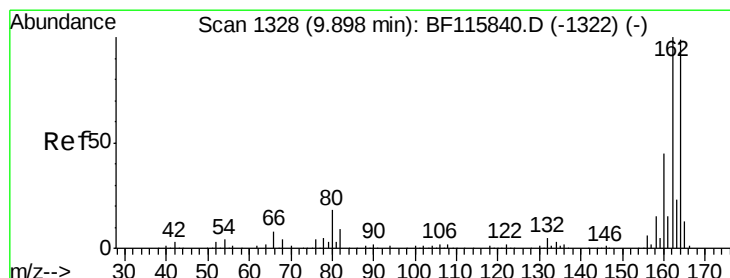
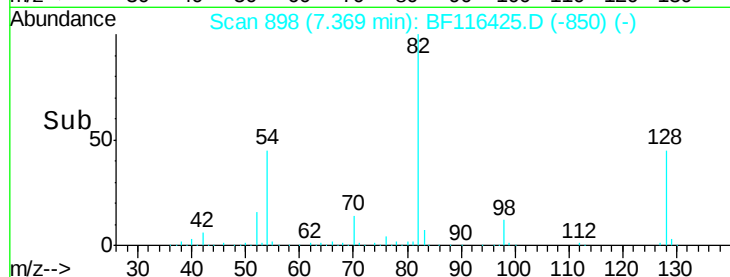
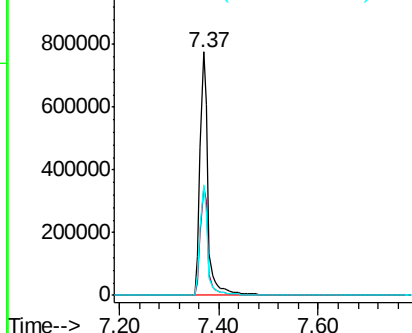
#23
 Nitrobenzene-d5
 Concen: 94.879 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122336TB

Tgt Ion: 82 Resp: 853926
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 45.4 36.0 54.0

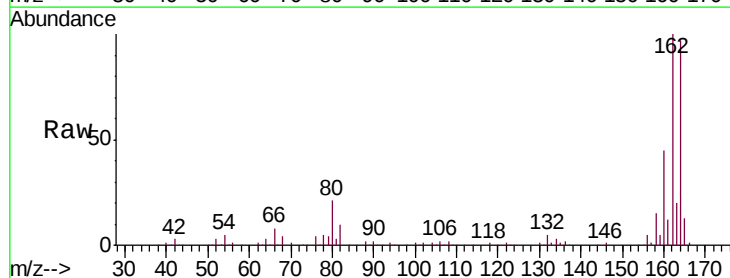


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

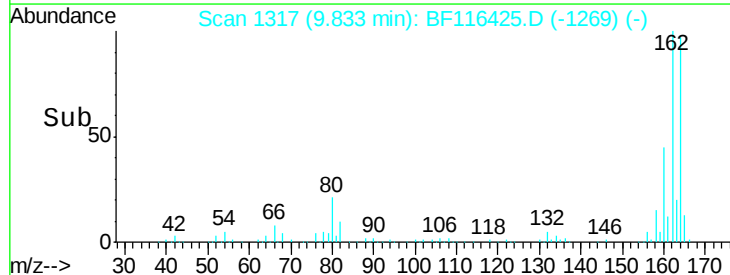
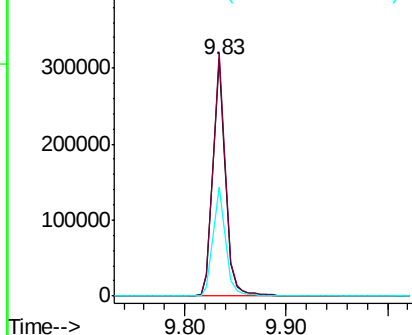


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Tgt Ion: 164 Resp: 273932
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 124.0
 160 46.2 37.6 56.4



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





#42

2,4,6-Tribromophenol

Concen: 130.494 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

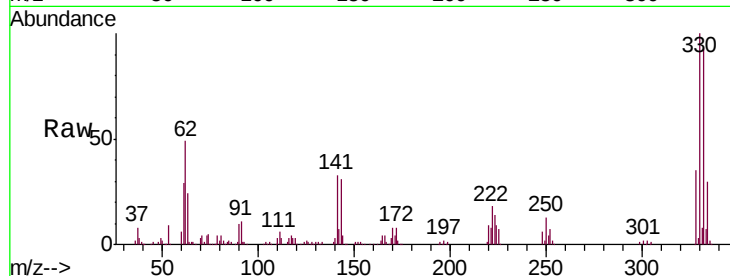
Tgt Ion:330 Resp: 346572

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

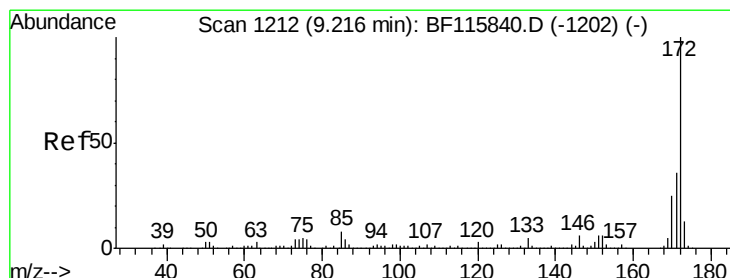
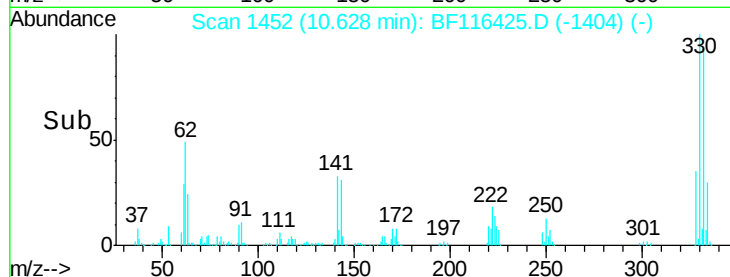
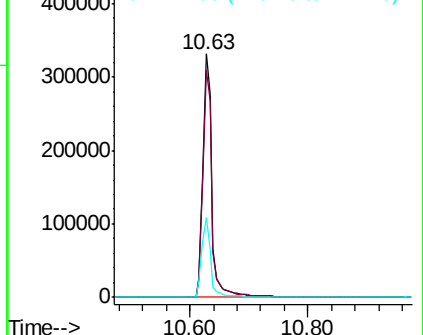
141 32.7 26.3 39.5



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: 97.659 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

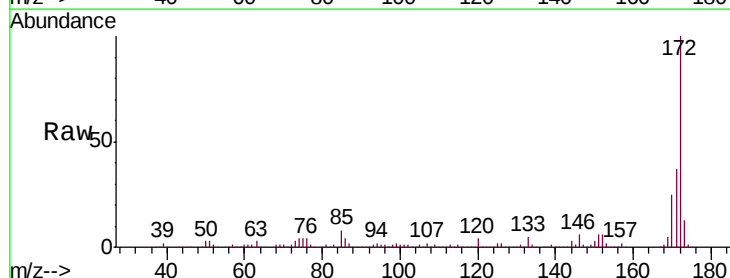
Tgt Ion:172 Resp: 1428239

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

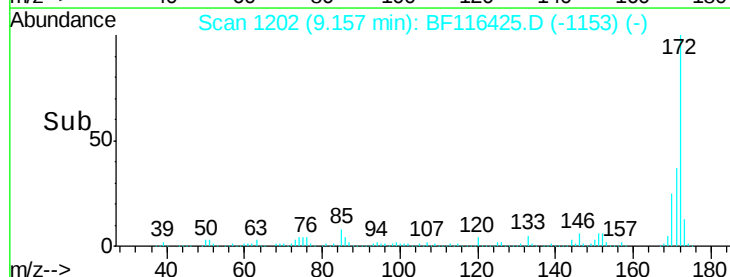
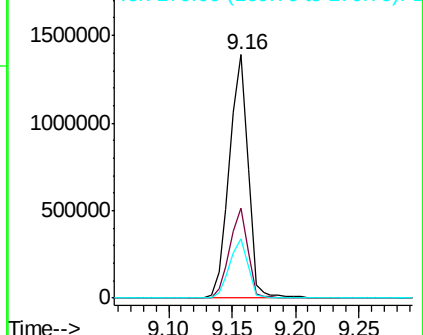
170 24.6 20.1 30.1

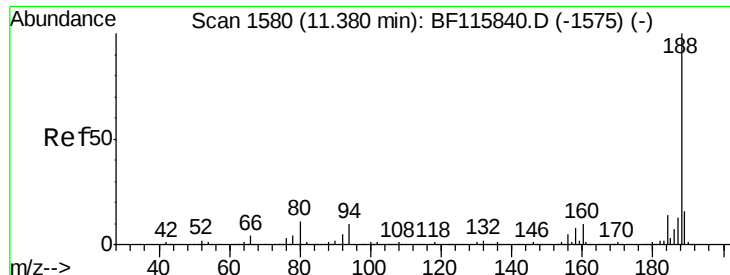


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

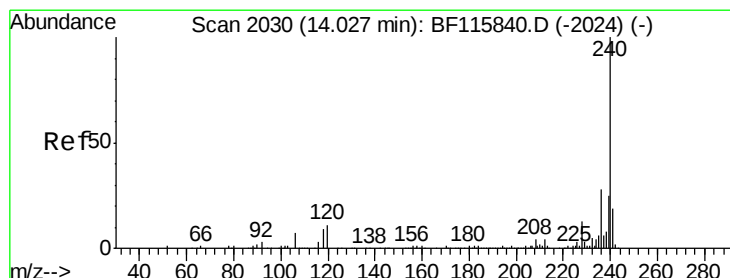
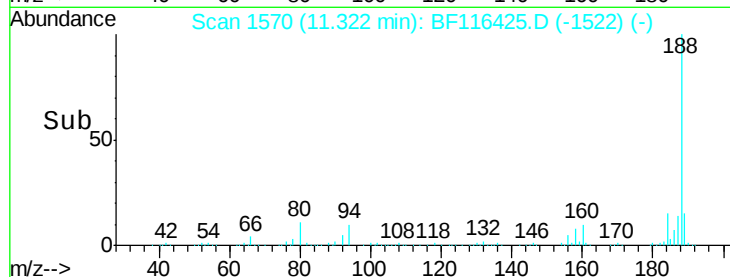
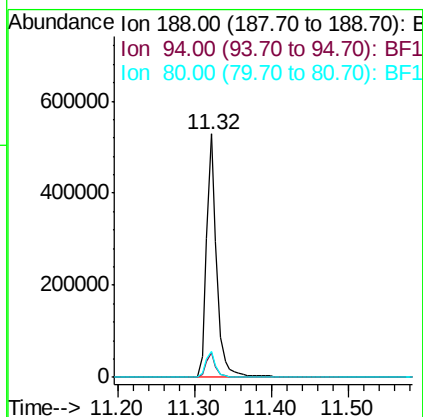
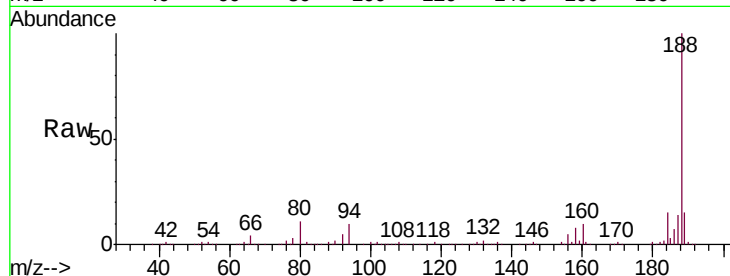




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

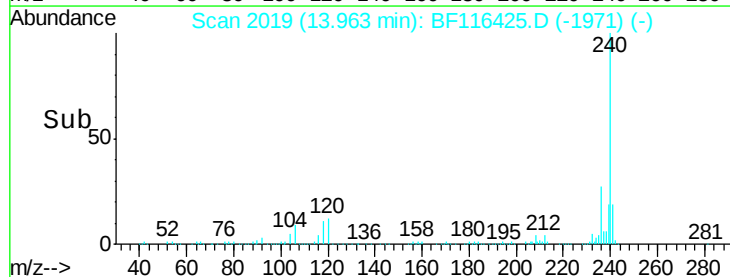
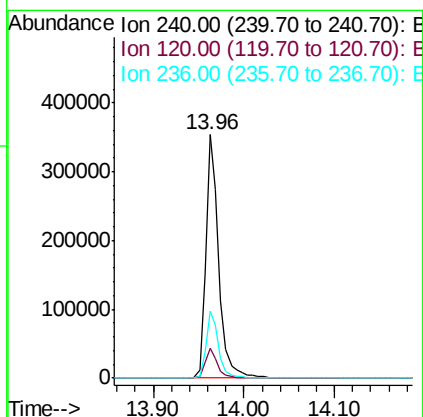
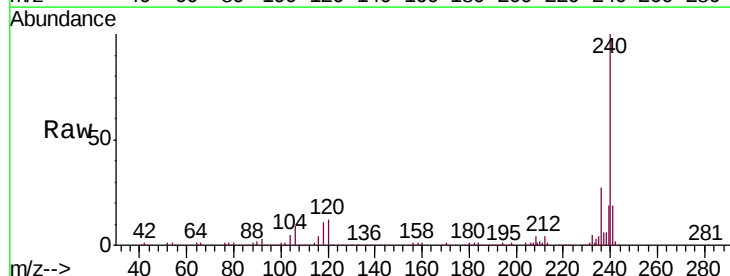
Instrument :
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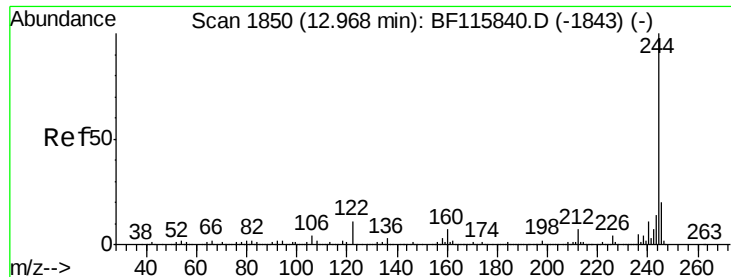
Tgt Ion:188 Resp: 482922
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.1 12.1
 80 10.7 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Tgt Ion:240 Resp: 352834
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.7 16.1
 236 27.3 22.2 33.2





#79

Terphenyl-d14

Concen: 97.669 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

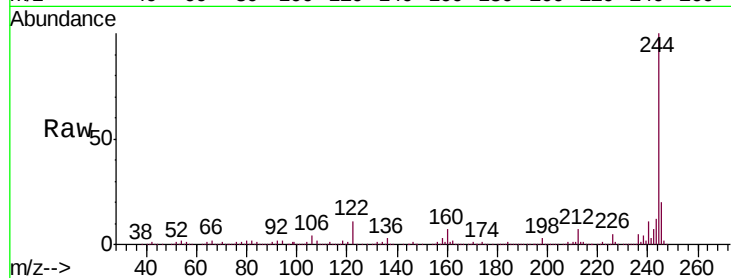
Tgt Ion:244 Resp: 1635415

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

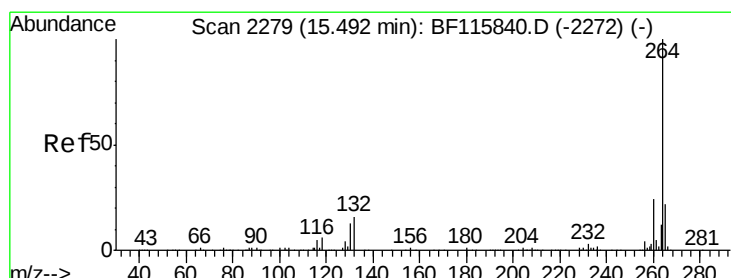
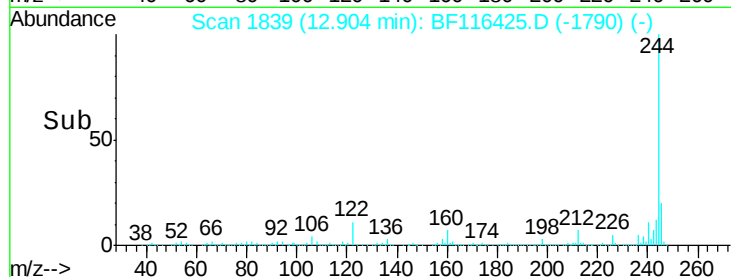
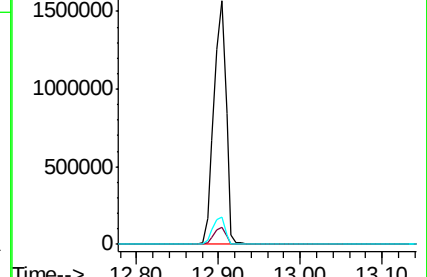
122 11.0 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

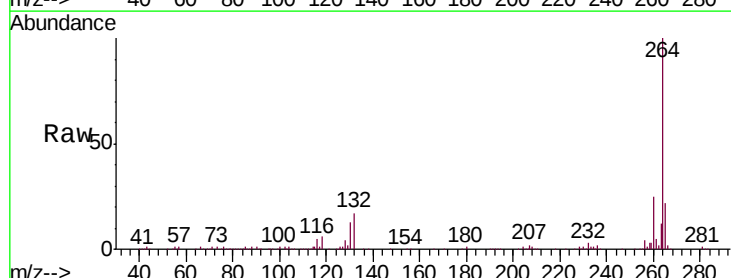
Tgt Ion:264 Resp: 327745

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.8 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

