

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116128.D
 Acq On : 9 Aug 2019 22:28
 Operator : HP/JU
 Sample : K3613-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Quant Time: Aug 10 06:31:38 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	6.84	152	118216	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	462490	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	220433	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	333414	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	270442	20.00	ng	-0.01
87) Perylene-d12	15.47	264	317376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	148966	21.10	ng	0.00
7) Phenol-d6	6.47	99	199918	22.44	ng	-0.01
23) Nitrobenzene-d5	7.40	82	122593	15.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	34205	16.00	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	205066	17.42	ng	-0.01
79) Terphenyl-d14	12.94	244	159368	12.42	ng	-0.01

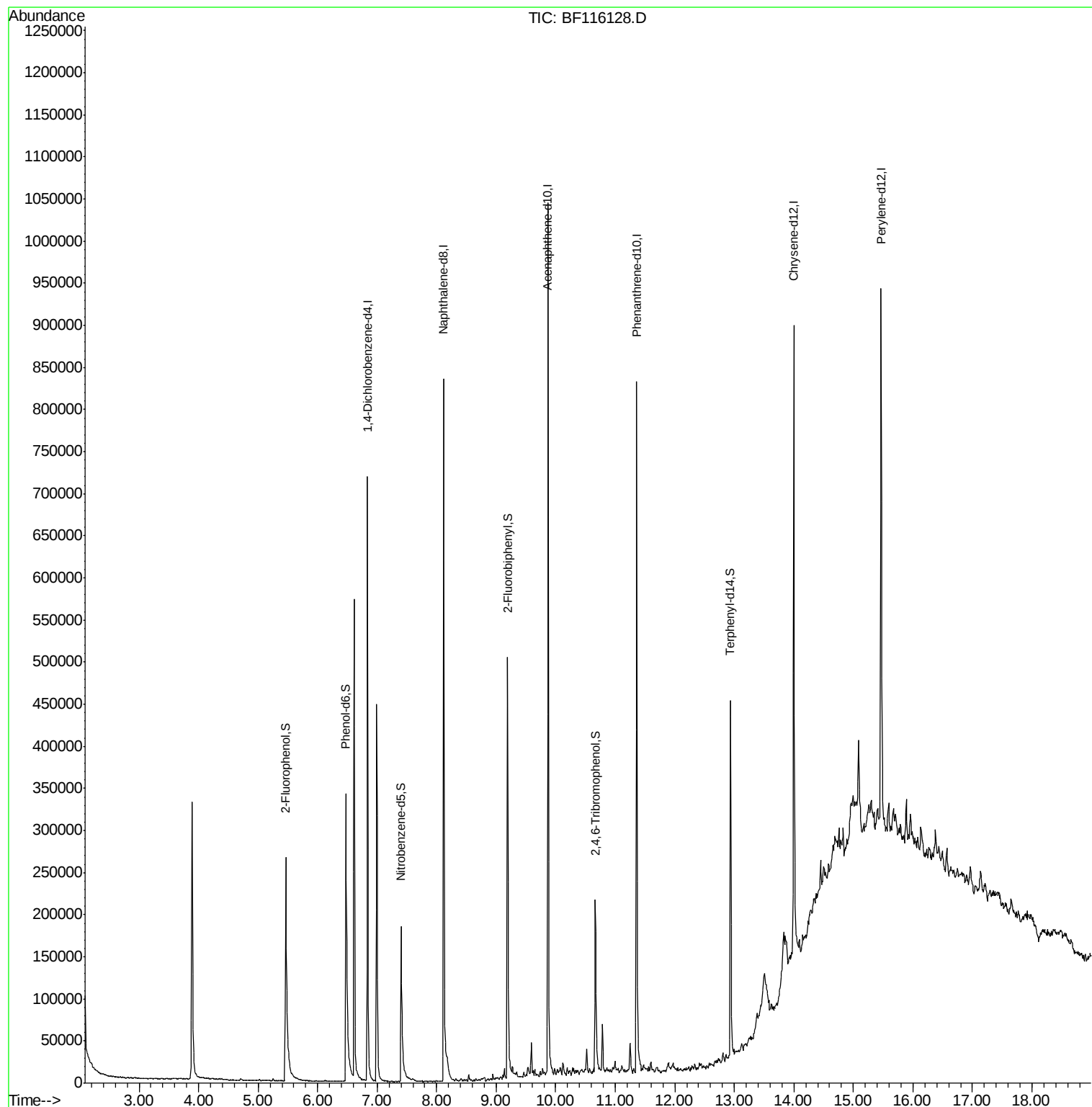
Target Compounds Qvalue

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

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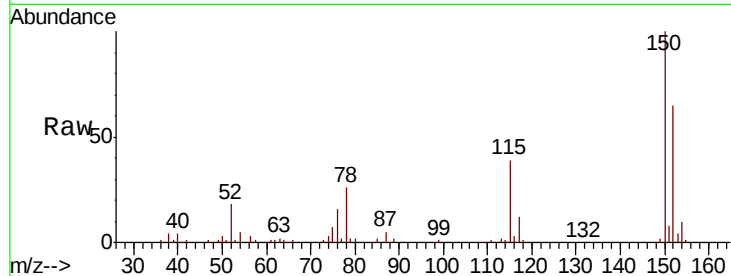


#1

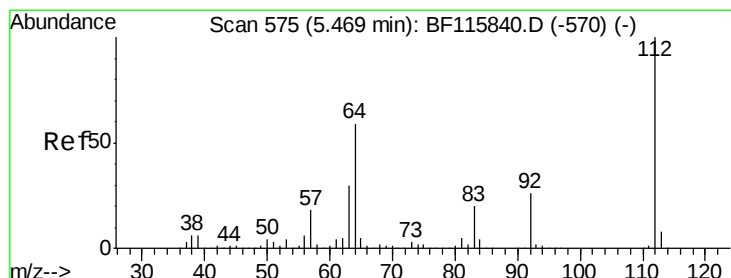
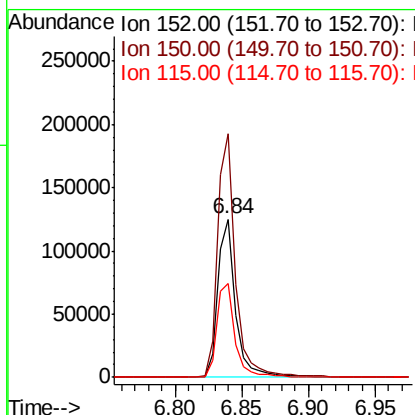
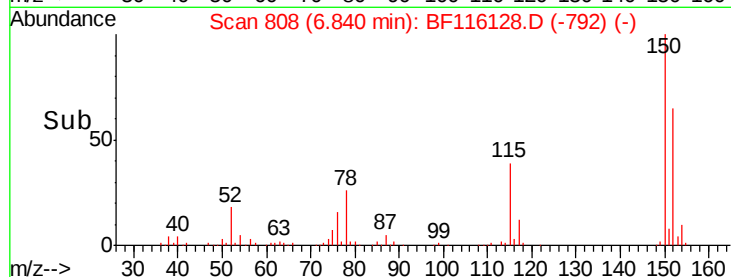
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tot Ion:152 Resp: 118216
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 59.6 49.9 74.9



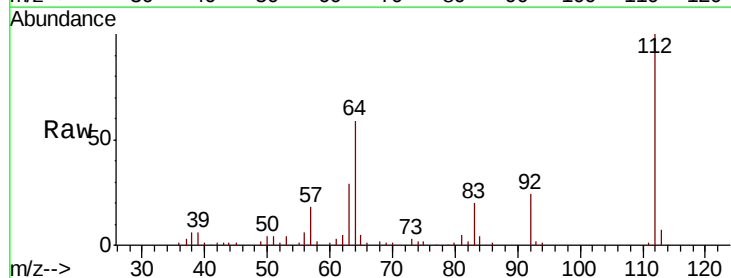
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



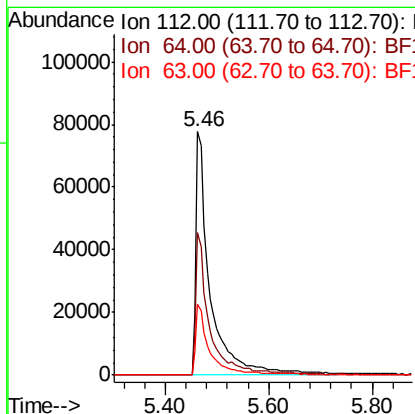
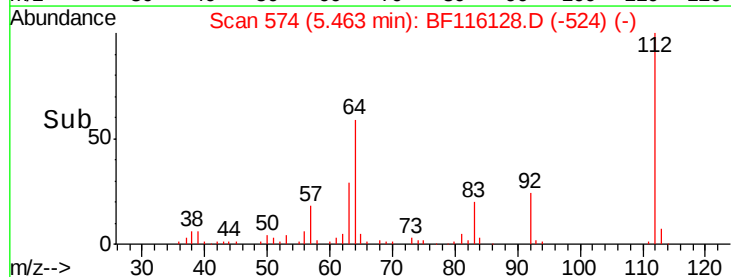
#5

2-Fluorophenol
Concen: 21.095 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:112 Resp: 148966
Ion Ratio Lower Upper
112 100
64 58.7 45.4 68.2
63 29.3 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: 22.439 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116128.D

Acq: 9 Aug 2019 22:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

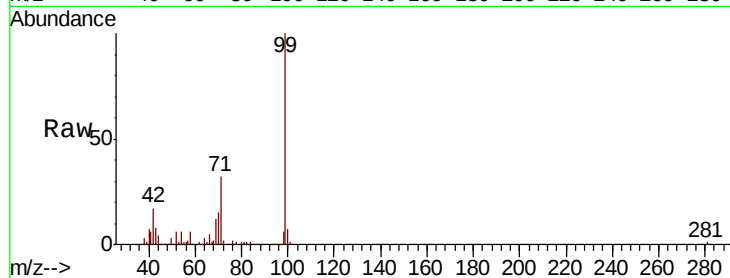
Tot Ion: 99 Resp: 199918

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

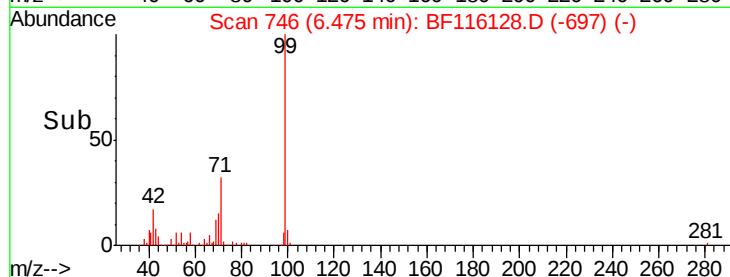
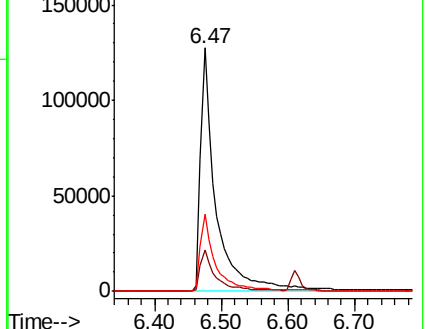
71 31.8 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116128.D

Acq: 9 Aug 2019 22:28

Tgt Ion: 136 Resp: 462490

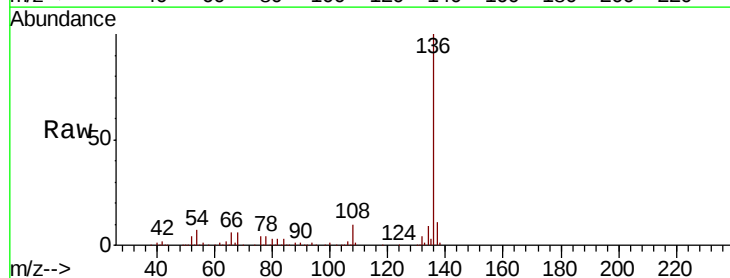
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 5.8 8.6

68 6.4 5.2 7.8

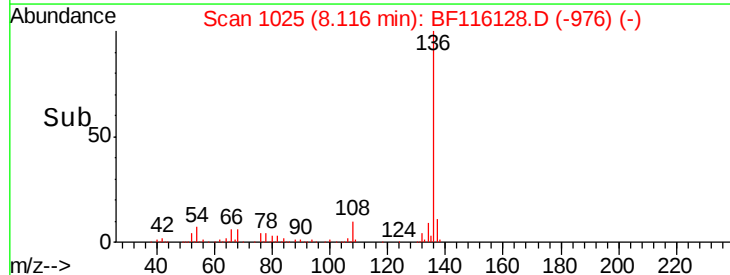
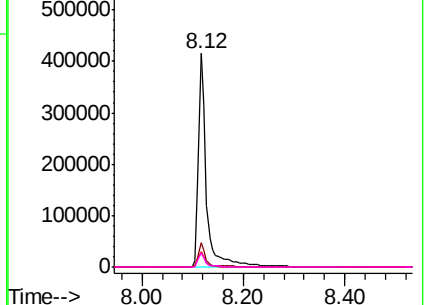


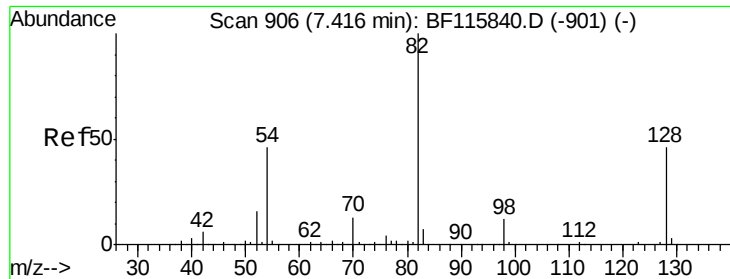
Abundance Ion 136.00 (135.70 to 136.70): E

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

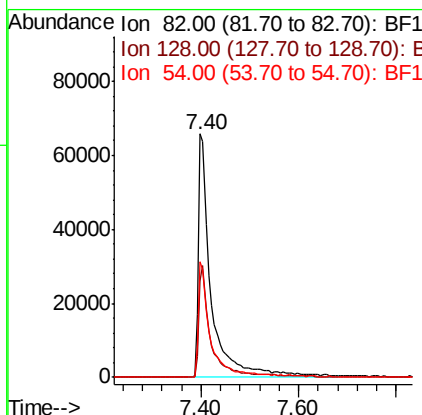
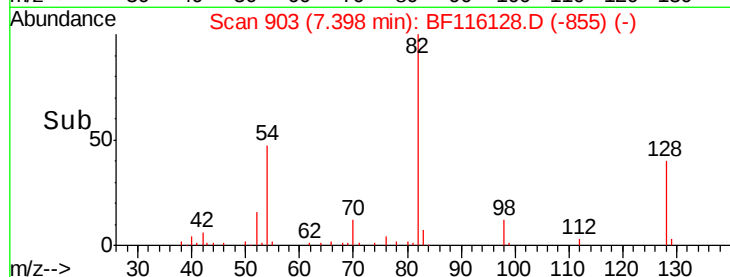
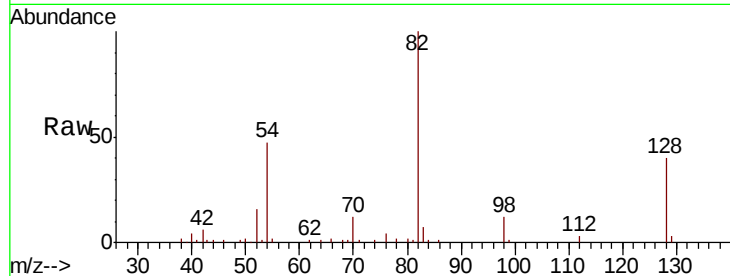




#23
 Nitrobenzene-d5
 Concen: 15.301 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116128.D
 Acq: 9 Aug 2019 22:28

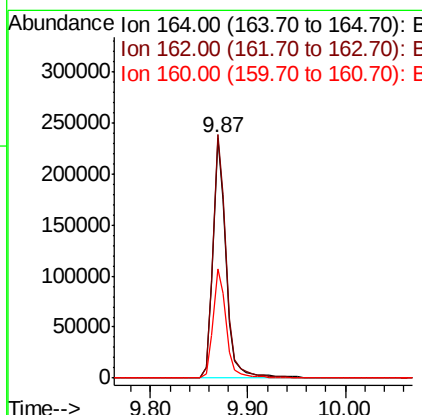
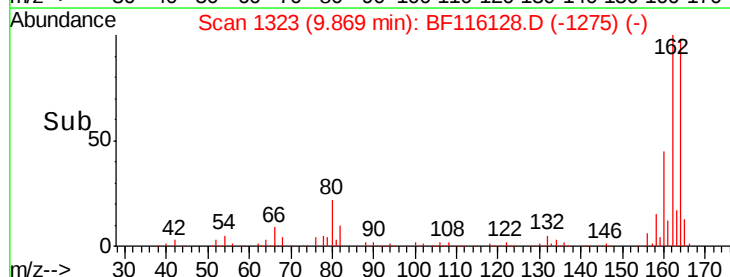
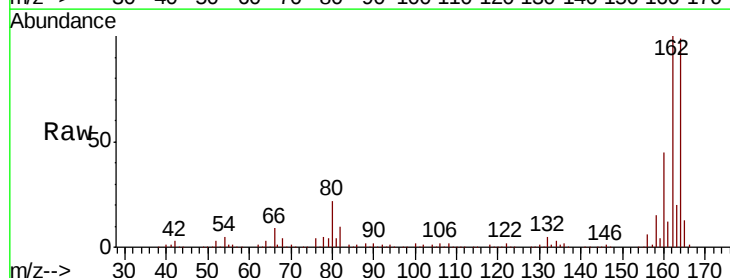
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Tot Ion	82	Resp	122593
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	47.2	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116128.D
 Acq: 9 Aug 2019 22:28

Tgt Ion	164	Resp	220433
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.6</td> <td></td> <td></td>	82.6		
Upper <td>124.0</td> <td></td> <td></td>	124.0		
162	101.4	37.6	56.4

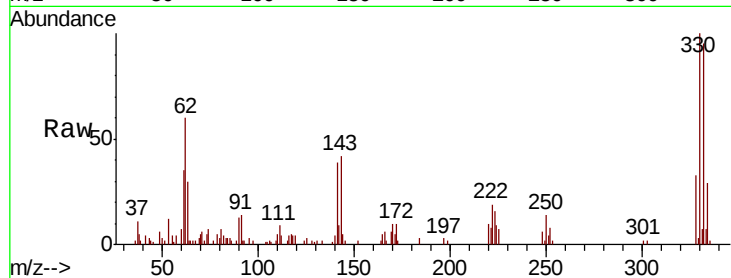




#42
 2,4,6-Tribromophenol
 Concen: 16.005 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116128.D
 Acq: 9 Aug 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	37.4	26.3	39.5

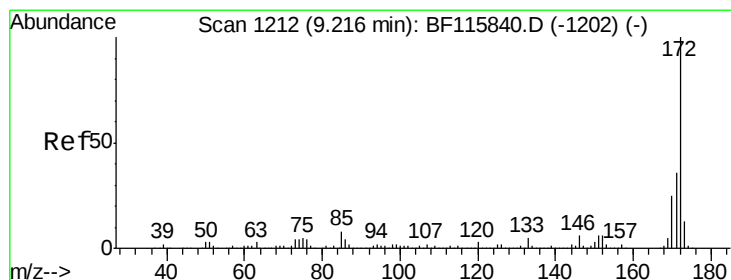
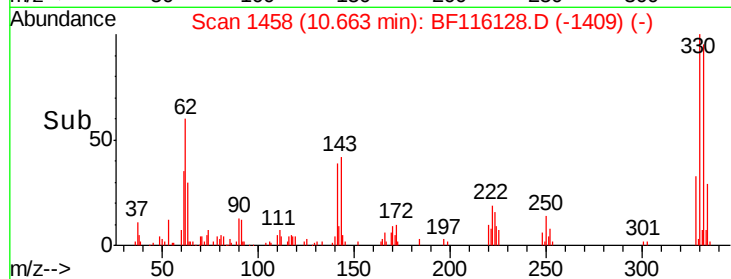
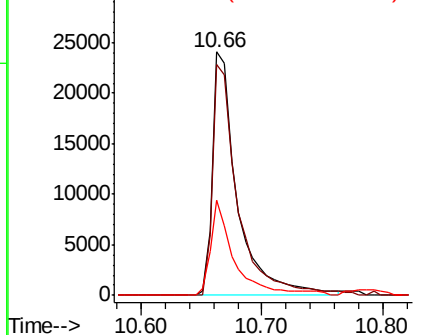


Abundance

Ion 329.80 (329.50 to 330.50): E

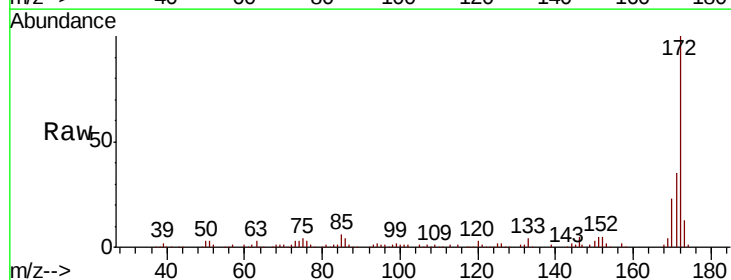
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.425 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116128.D
 Acq: 9 Aug 2019 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.4	20.1	30.1

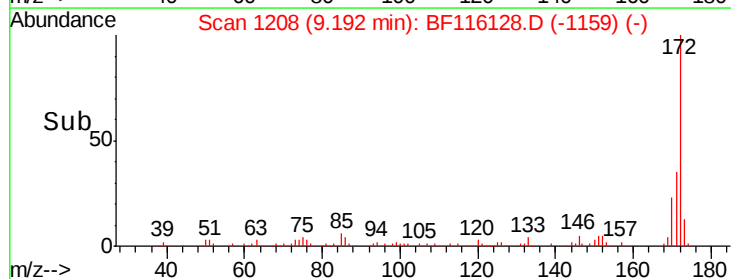
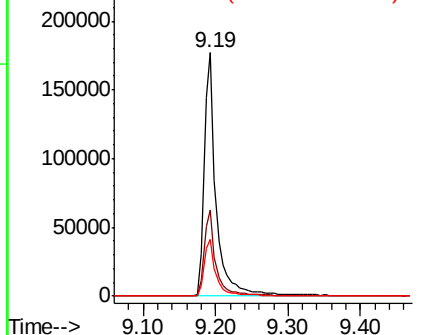


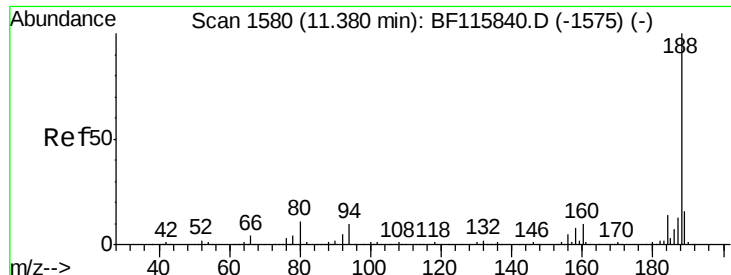
Abundance

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

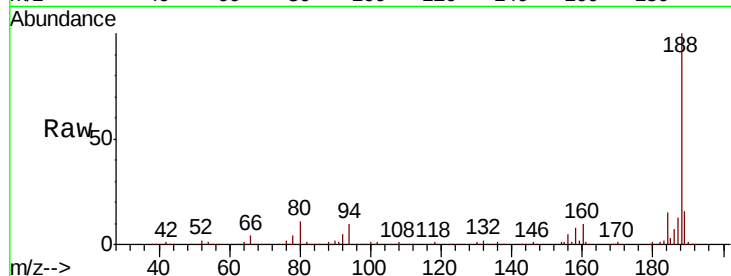




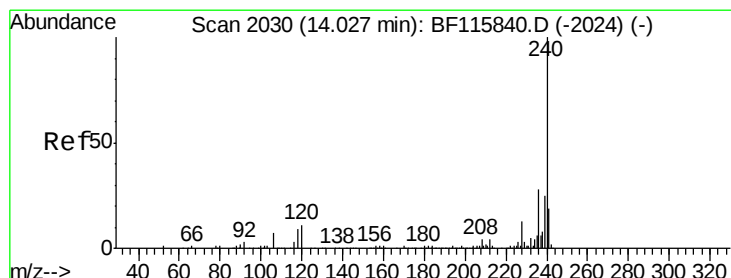
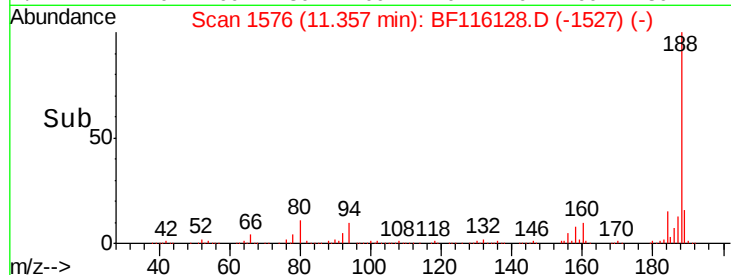
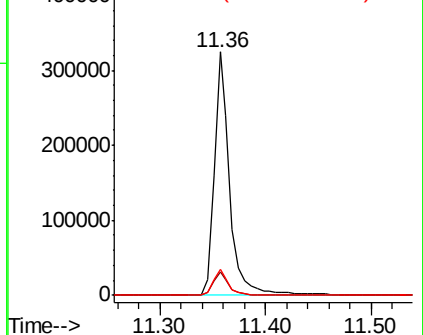
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tot Ion:188 Resp: 333414
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.6 8.7 13.1

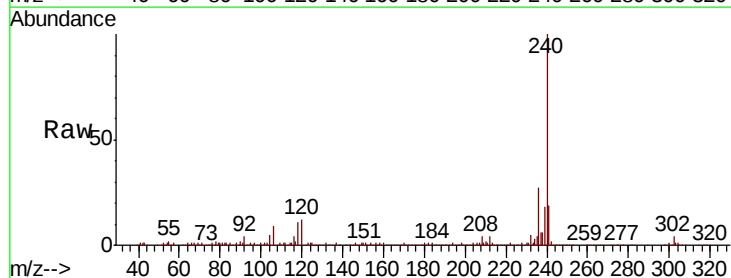


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

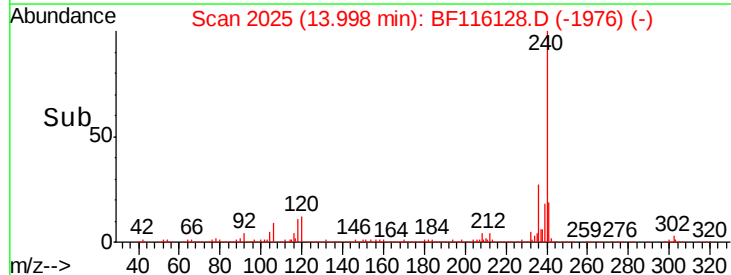
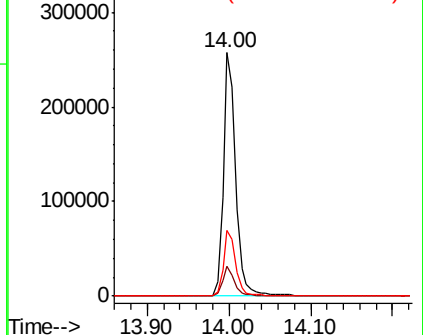


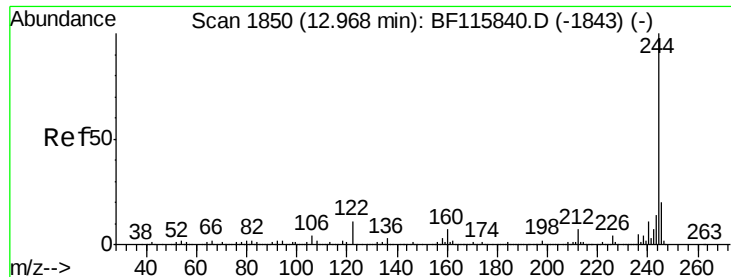
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:240 Resp: 270442
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 26.8 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: 12.417 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116128.D

Acq: 9 Aug 2019 22:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-A

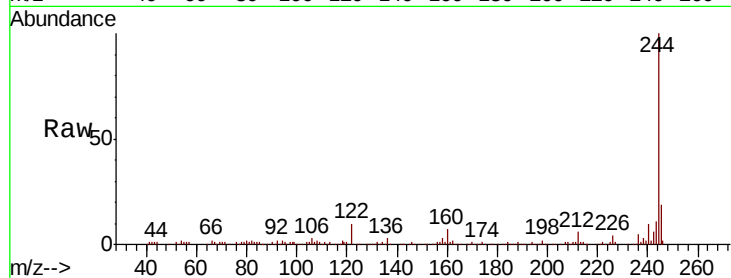
Tot Ion:244 Resp: 159368

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

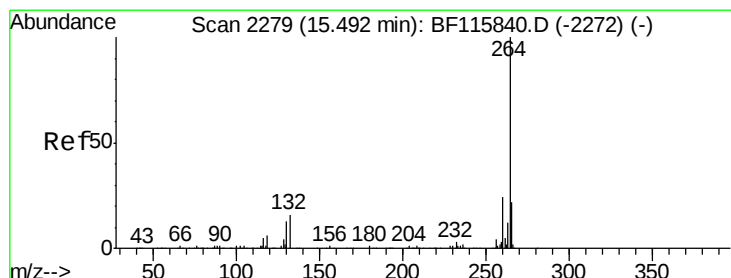
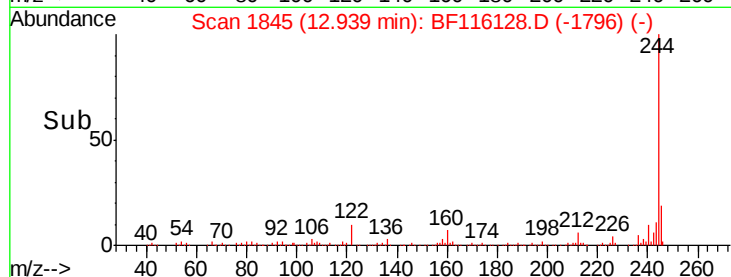
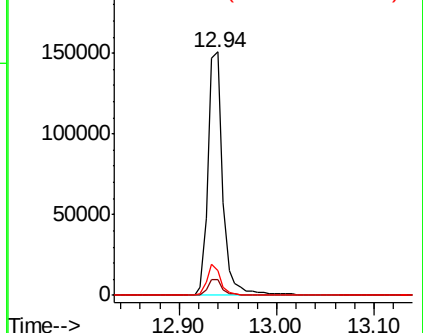
122 10.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116128.D

Acq: 9 Aug 2019 22:28

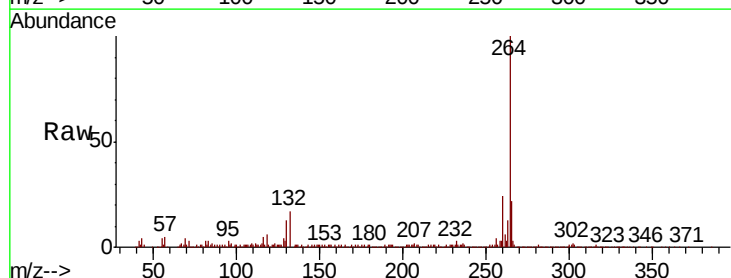
Tgt Ion:264 Resp: 317376

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.7 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

