

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116589.D
 Acq On : 27 Aug 2019 18:17
 Operator : HP/JU
 Sample : K4088-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-082619

Quant Time: Aug 28 07:25:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	65447	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	250388	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	134917	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	233918	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	161010	20.00	ng	-0.01
87) Perylene-d12	15.49	264	144098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	489905	109.37	ng	0.01
7) Phenol-d6	6.50	99	592257	107.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	470782	102.87	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	197625	170.59	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	848320	101.26	ng	-0.01
79) Terphenyl-d14	12.98	244	985303	114.31	ng	0.00

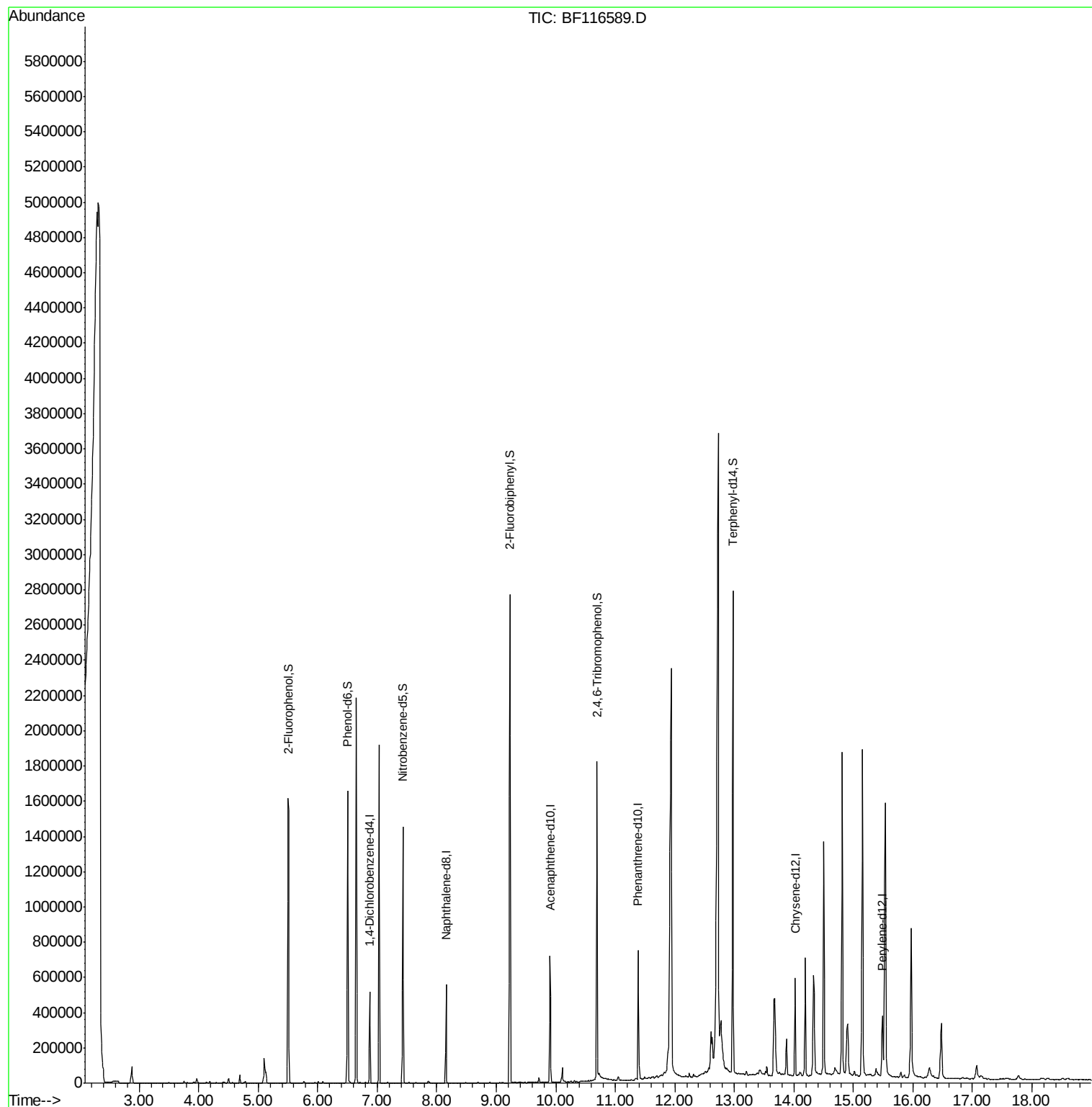
Target Compounds Qvalue

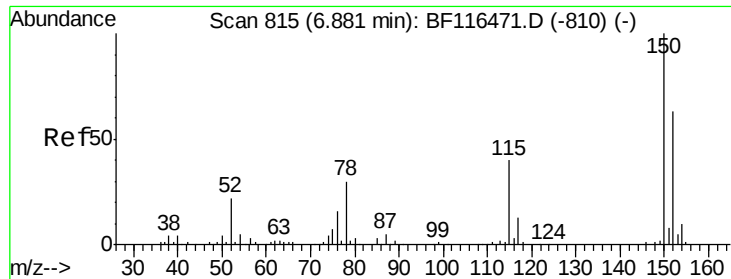
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116589.D
Acq On : 27 Aug 2019 18:17
Operator : HP/JU
Sample : K4088-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-082619

Quant Time: Aug 28 07:25:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



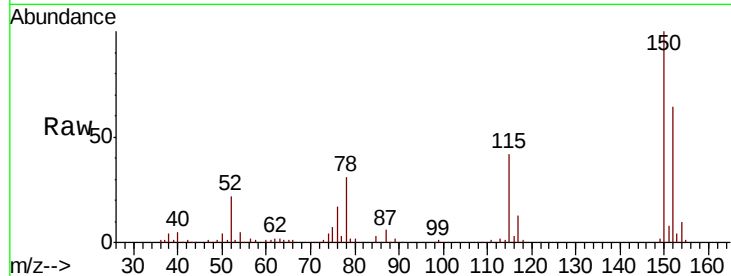


#1

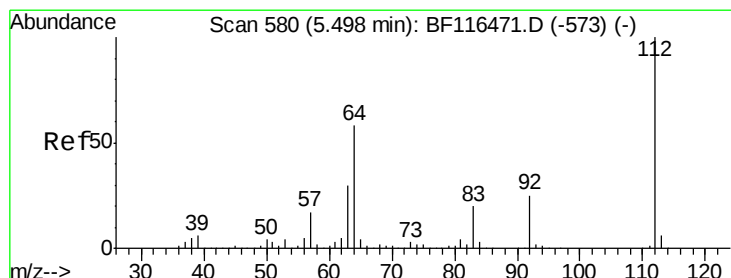
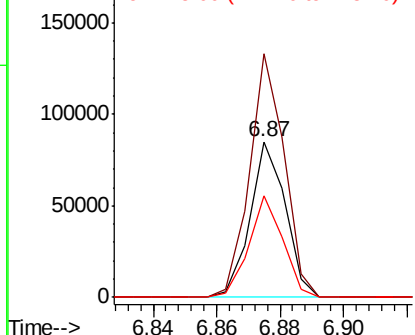
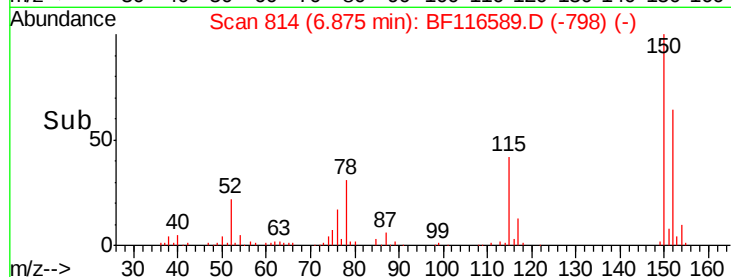
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116589.D
Acq: 27 Aug 2019 18:17

Instrument :
BNA_F
ClientSampleId :
CL-02-082619

Tot Ion:152 Resp: 65447
Ion Ratio Lower Upper
152 100
150 156.4 126.7 190.1
115 65.0 50.9 76.3



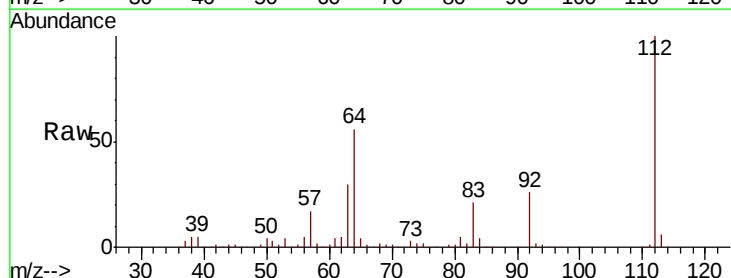
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



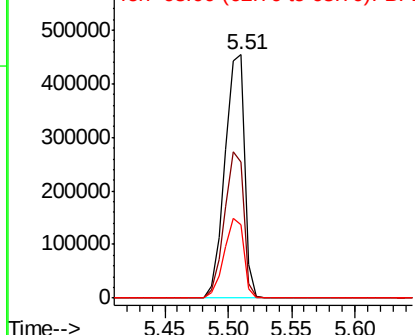
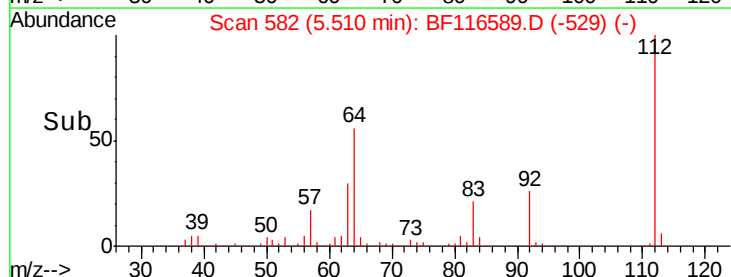
#5

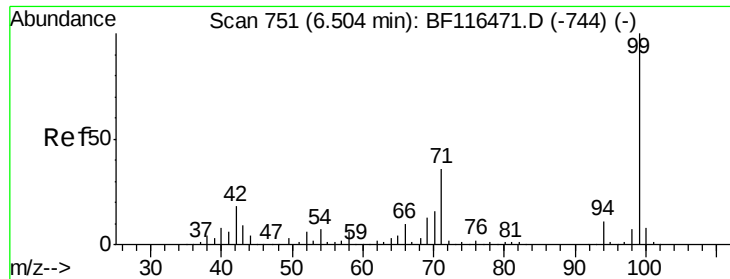
2-Fluorophenol
Concen: 109.374 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116589.D
Acq: 27 Aug 2019 18:17

Tgt Ion:112 Resp: 489905
Ion Ratio Lower Upper
112 100
64 55.9 46.3 69.5
63 30.3 24.2 36.4



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: 107.838 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

CL-02-082619

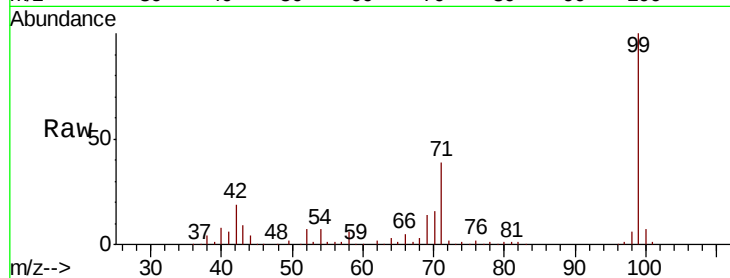
Tot Ion: 99 Resp: 592257

Ion Ratio Lower Upper

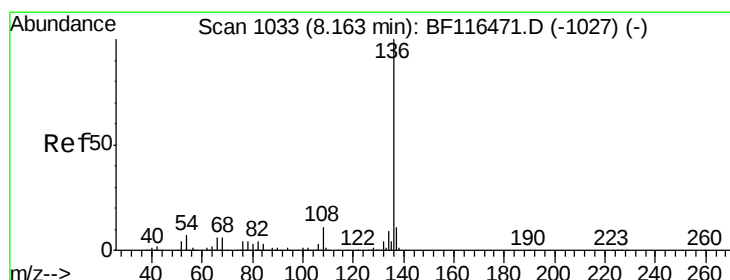
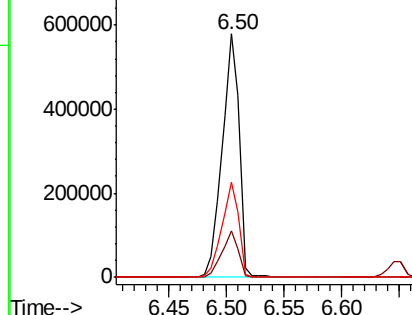
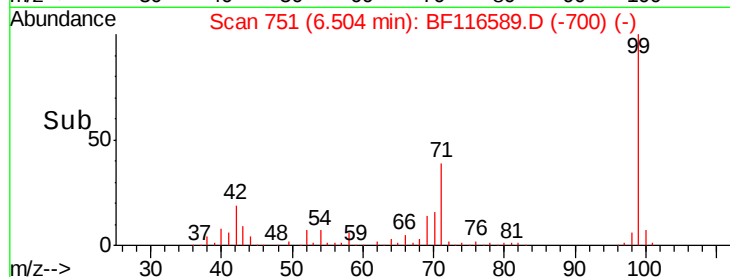
99 100

42 19.0 14.6 21.8

71 39.2 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

Tgt Ion: 136 Resp: 250388

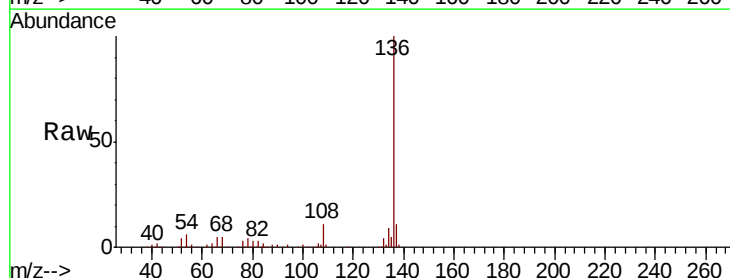
Ion Ratio Lower Upper

136 100

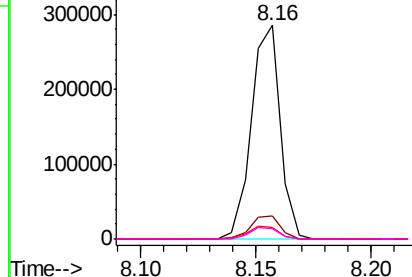
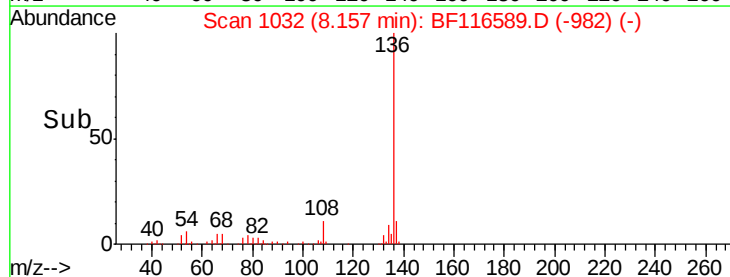
137 10.6 9.0 13.4

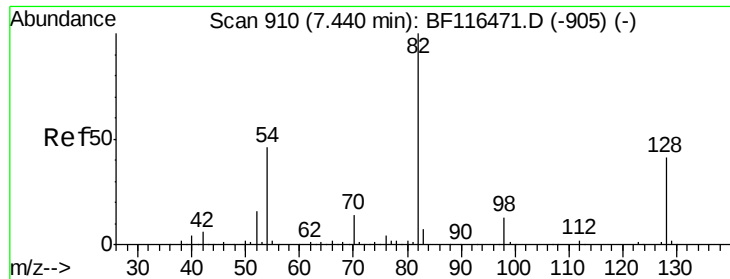
54 5.5 5.8 8.6#

68 4.7 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

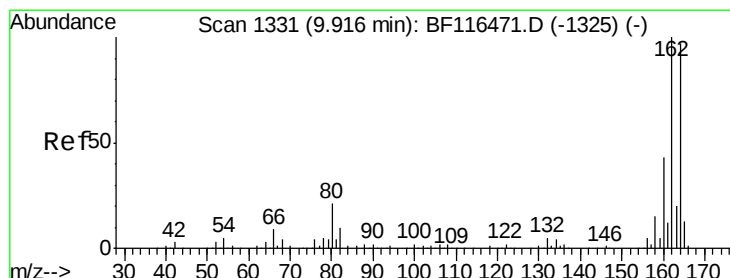
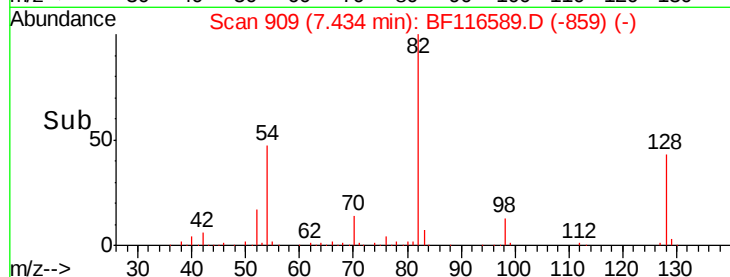
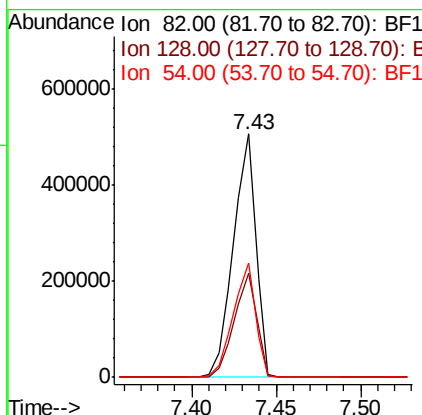
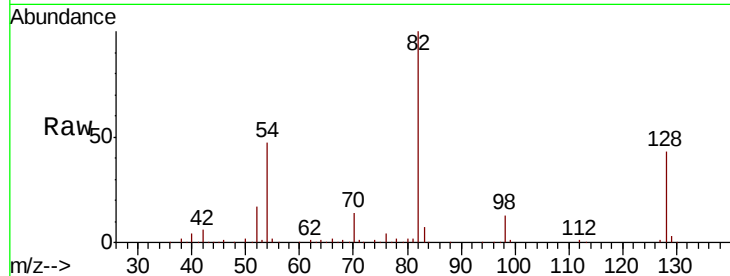




#23
 Nitrobenzene-d5
 Concen: 102.866 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116589.D
 Acq: 27 Aug 2019 18:17

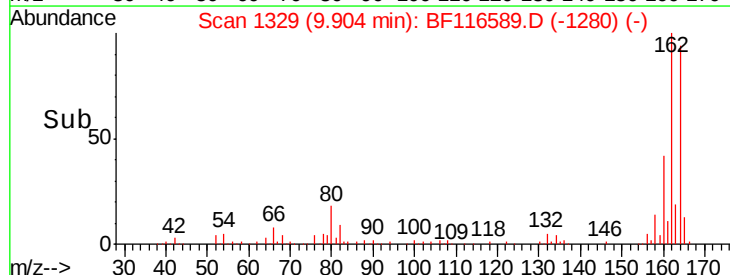
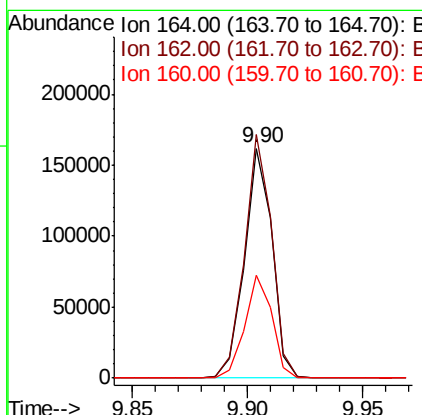
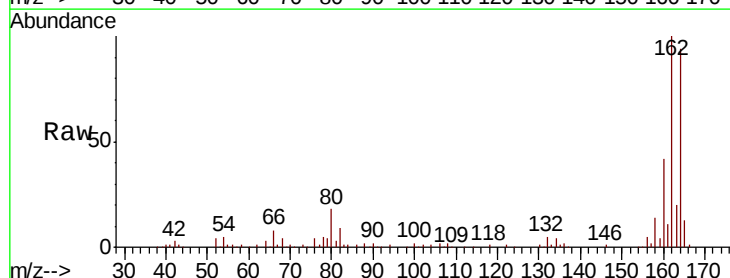
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-082619

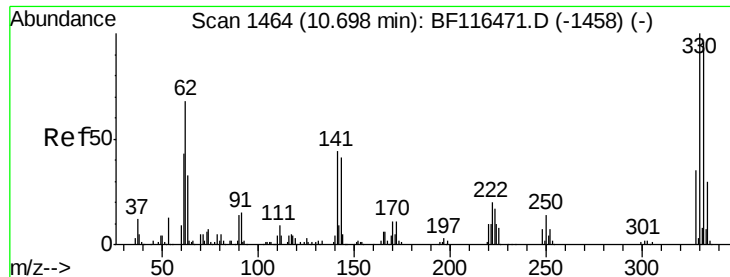
Tot Ion	82	Resp	470782
Ion Ratio	100		
Lower	32.2		
Upper	48.4		
54	46.9		54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116589.D
 Acq: 27 Aug 2019 18:17

Tgt Ion	164	Resp	134917
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	106.1		53.8
160	44.7		





#42

2,4,6-Tribromophenol

Concen: 170.588 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

CL-02-082619

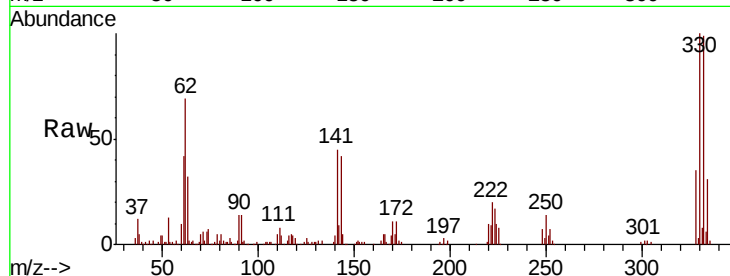
Tot Ion:330 Resp: 197625

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

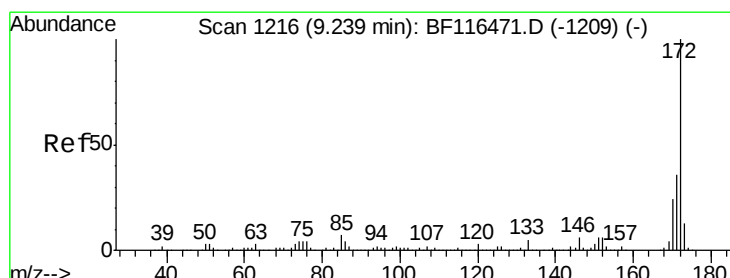
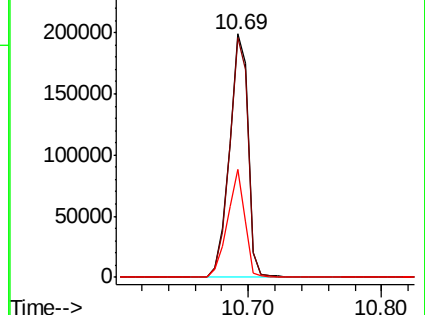
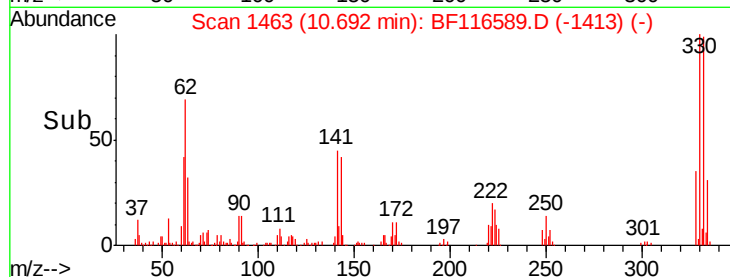
141 41.5 33.3 49.9



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: 101.258 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

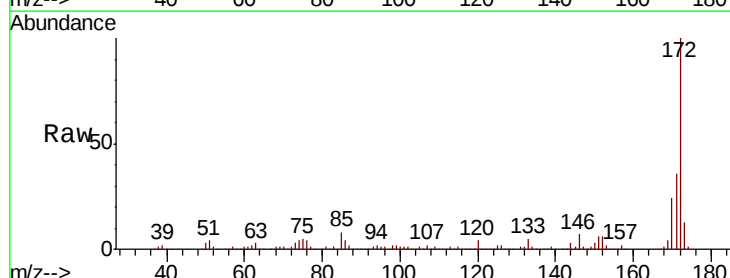
Tgt Ion:172 Resp: 848320

Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

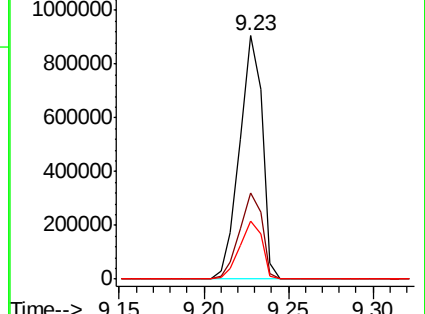
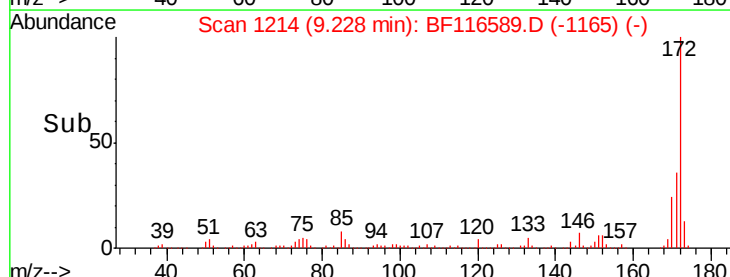
170 23.6 19.4 29.0

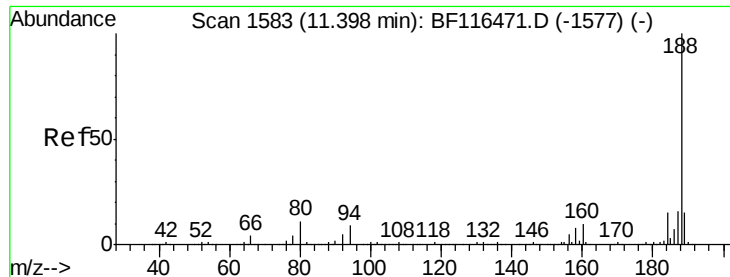


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

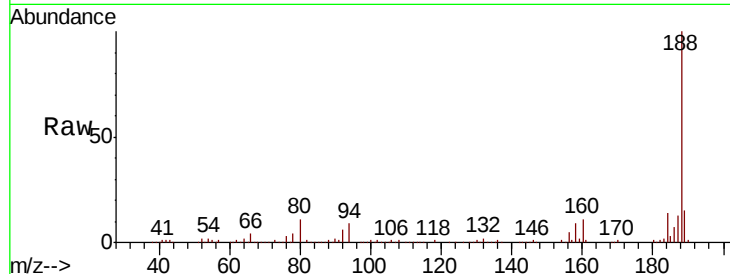




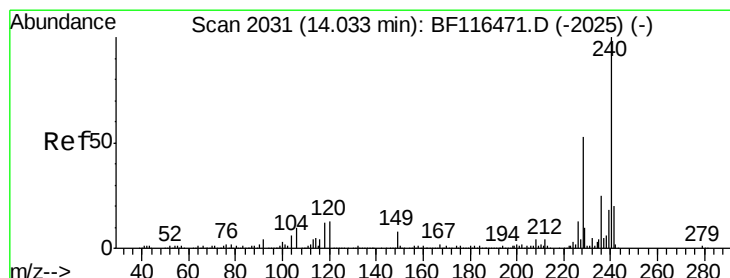
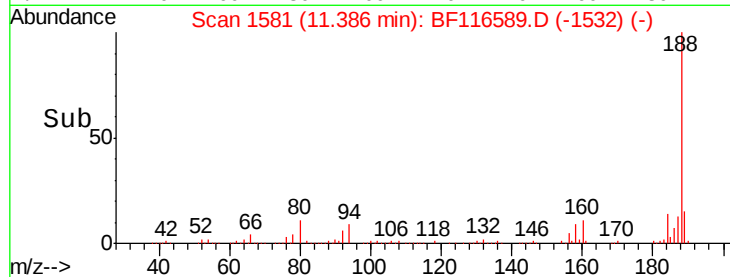
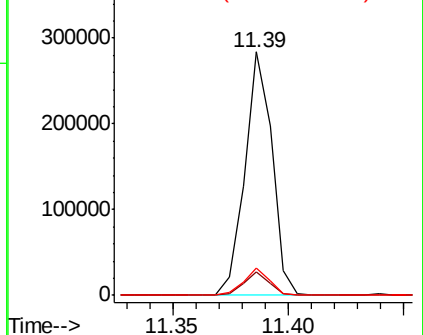
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116589.D
Acq: 27 Aug 2019 18:17

Instrument :
BNA_F
ClientSampleId :
CL-02-082619

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	11.0	8.6	12.8

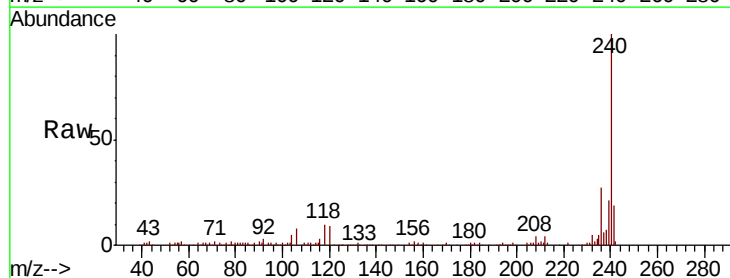


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

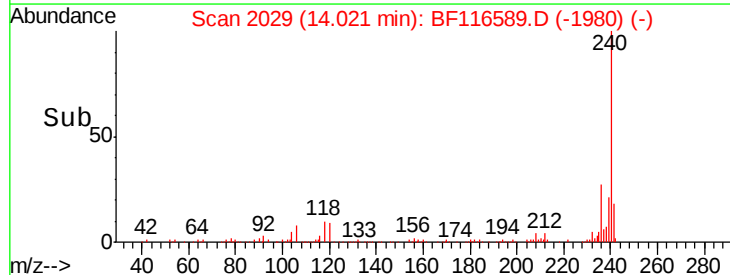
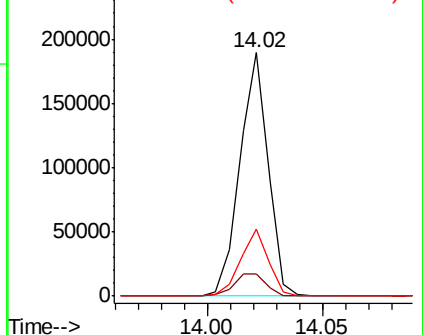


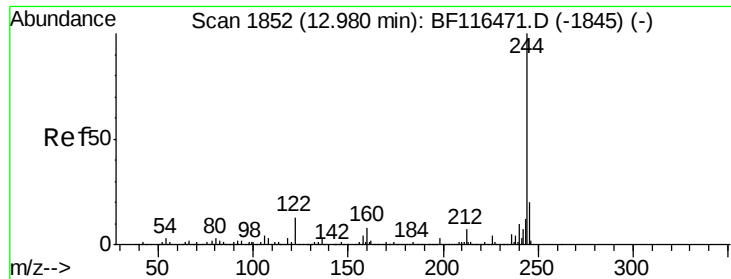
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116589.D
Acq: 27 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.5	15.7#
236	27.3	20.2	30.2



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: 114.307 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

CL-02-082619

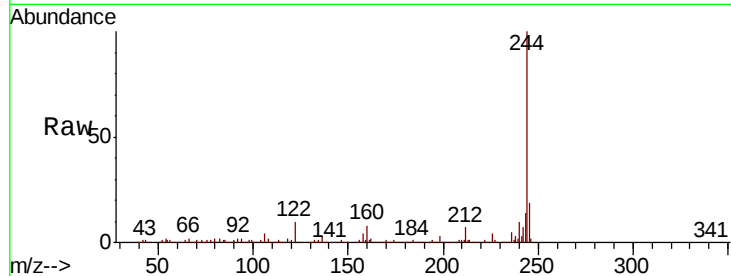
Tot Ion:244 Resp: 985303

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

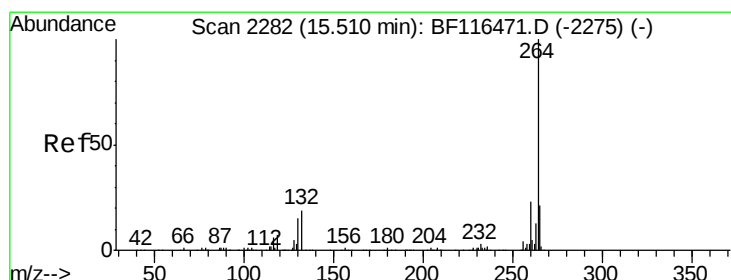
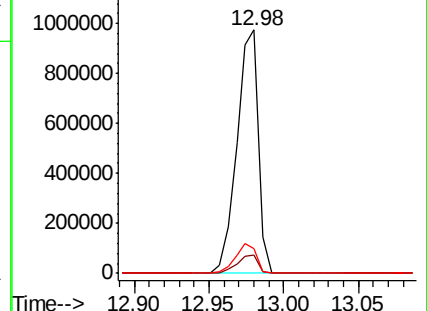
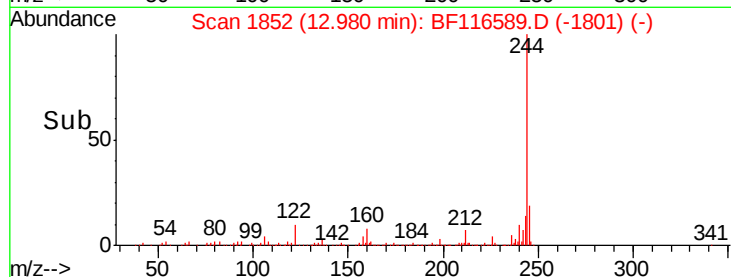
122 10.2 10.2 15.4#



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF116589.D

Acq: 27 Aug 2019 18:17

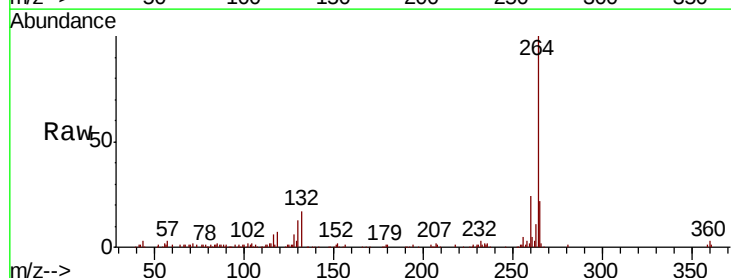
Tgt Ion:264 Resp: 144098

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.8 17.1 25.7



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

