

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114849.D
 Acq On : 6 Jun 2019 9:05
 Operator : HP/JU
 Sample : K3151-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-A

Quant Time: Jun 07 00:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	447774	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1751981	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	913256	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1822304	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1366268	20.00	ng	0.00
87) Perylene-d12	15.19	264	1335646	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2742610	107.03	ng	0.04
7) Phenol-d6	6.32	99	3101860	99.48	ng	0.01
23) Nitrobenzene-d5	7.23	82	2346007	82.43	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1220443	124.01	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4157173	85.27	ng	0.00
79) Terphenyl-d14	12.76	244	4627067	65.86	ng	0.01

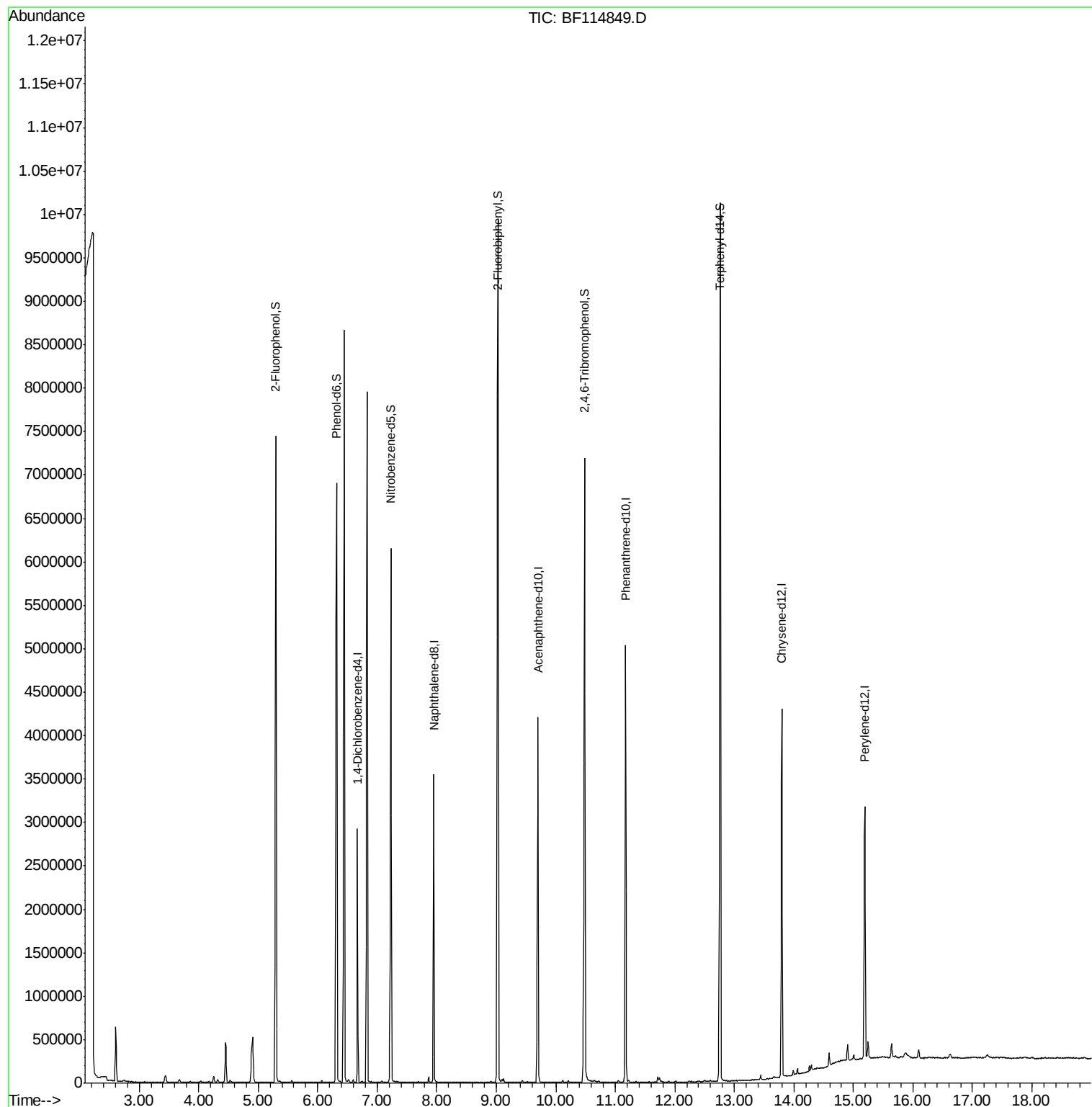
Target Compounds Qvalue

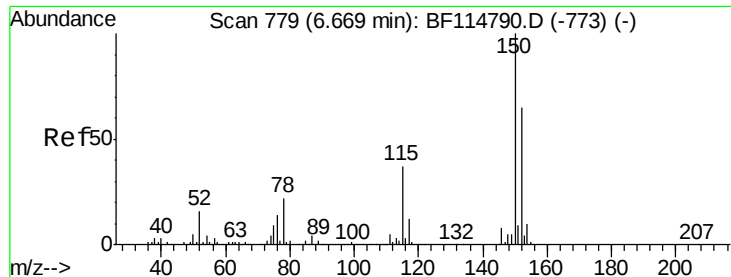
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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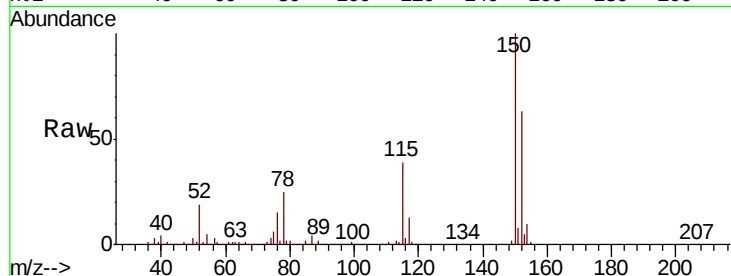


#1

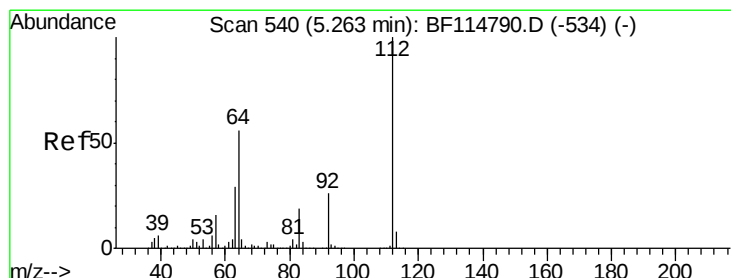
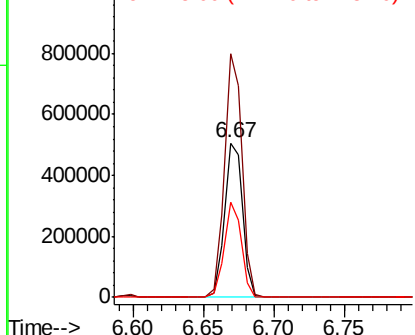
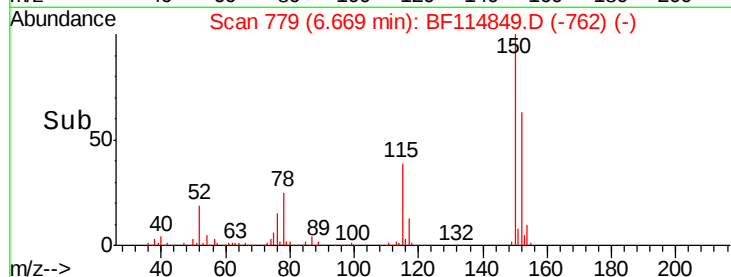
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

Tot Ion:152 Resp: 447774
Ion Ratio Lower Upper
152 100
150 158.1 124.0 186.0
115 61.7 46.3 69.5



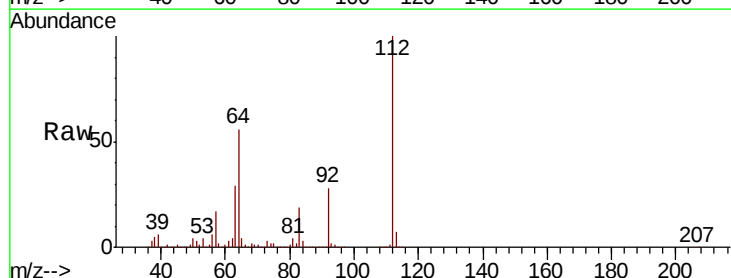
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



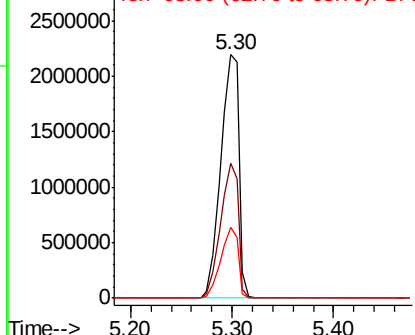
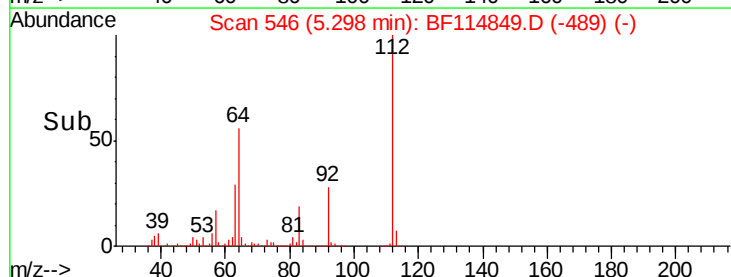
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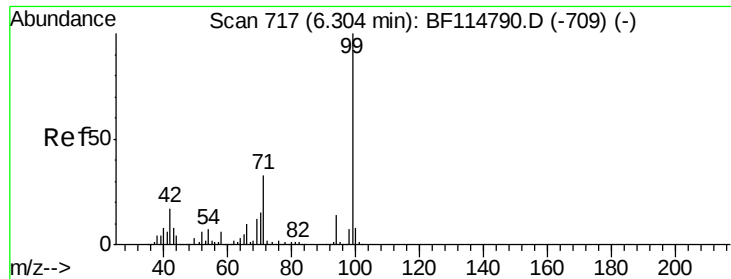
2-Fluorophenol
Concen: 107.025 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.04 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:112 Resp: 2742610
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 29.1 23.0 34.4



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: 99.477 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

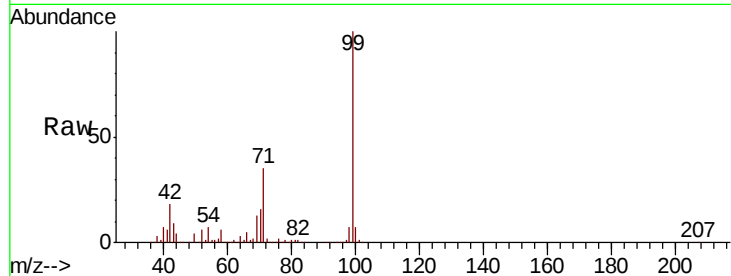
BNA_F

ClientSampleId :

AU-06-060419-A

Tot Ion: 99 Resp: 3101860

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.3	19.9
71	35.3	26.3	39.5

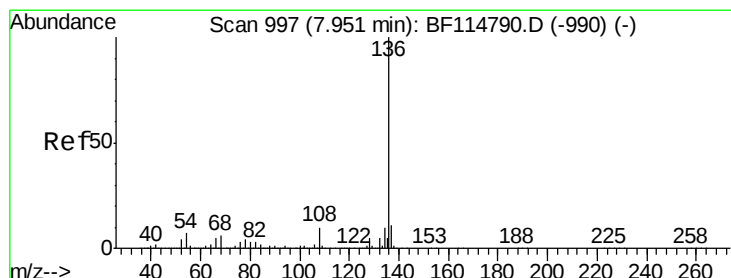
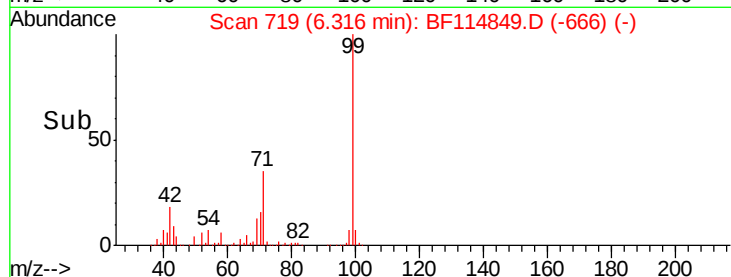
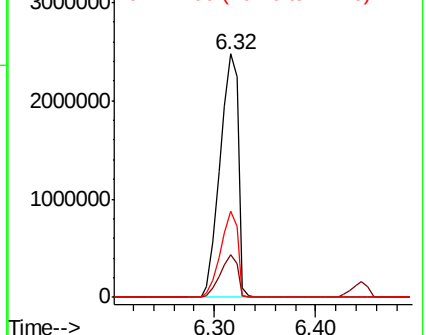


Abundance

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: 7.95 min Scan# 997

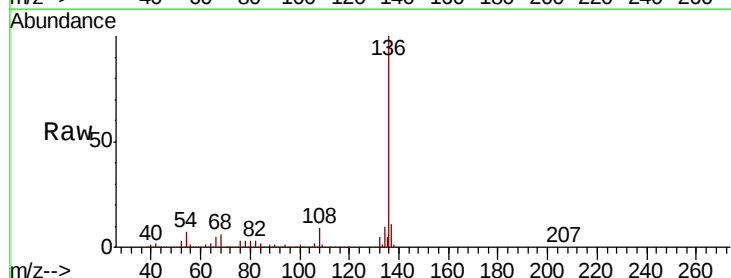
Delta R.T. 0.00 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Tgt Ion: 136 Resp: 1751981

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	5.4	8.0
68	5.7	4.6	6.8



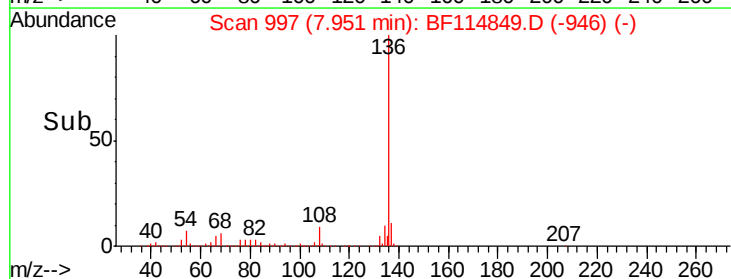
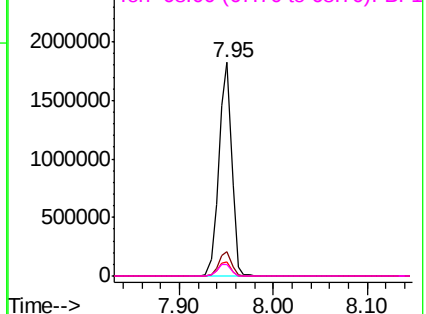
Abundance

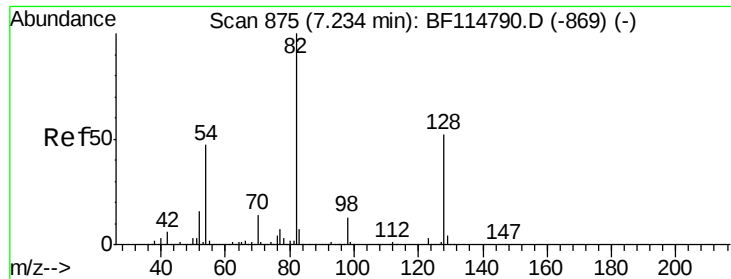
Ion 136.00 (135.70 to 136.70): E

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

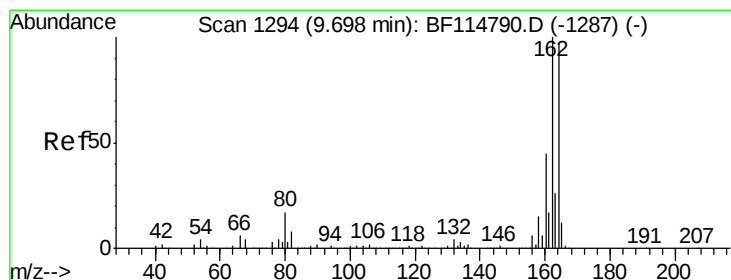
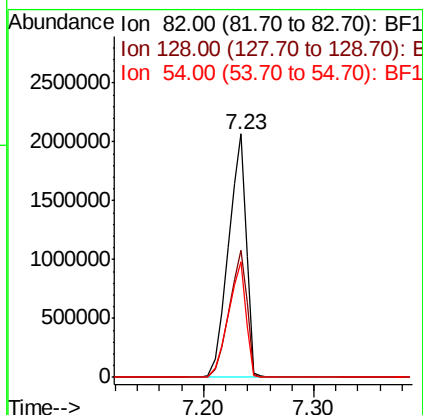
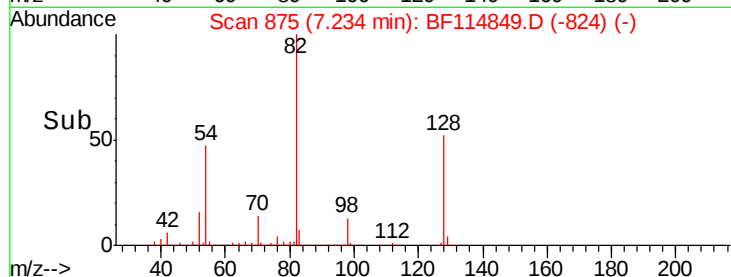
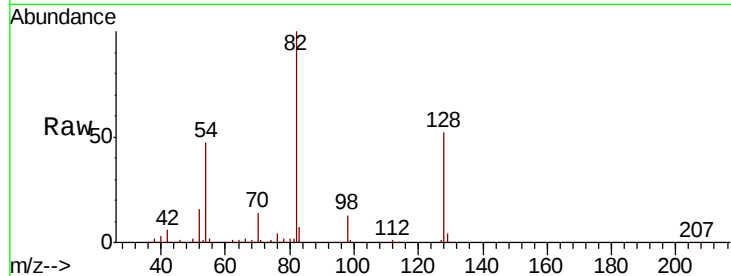




#23
Nitrobenzene-d5
Concen: 82.430 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

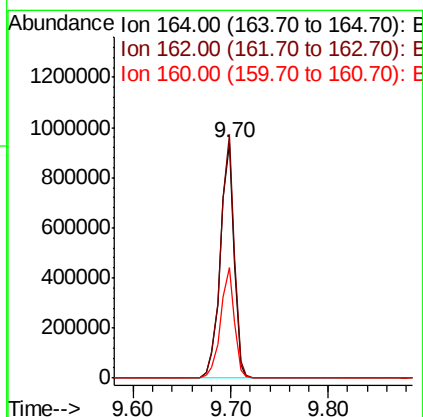
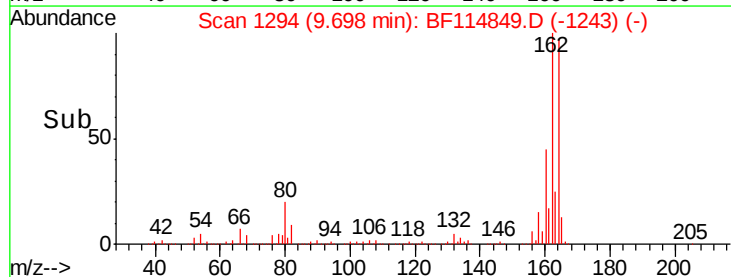
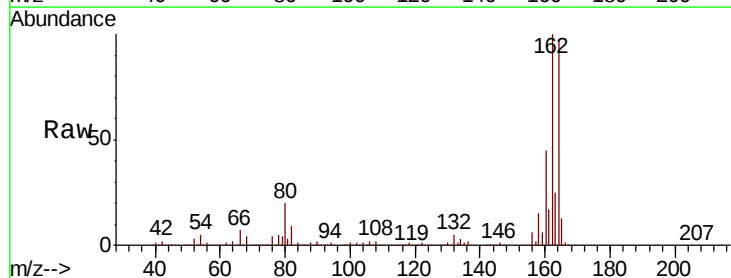
Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

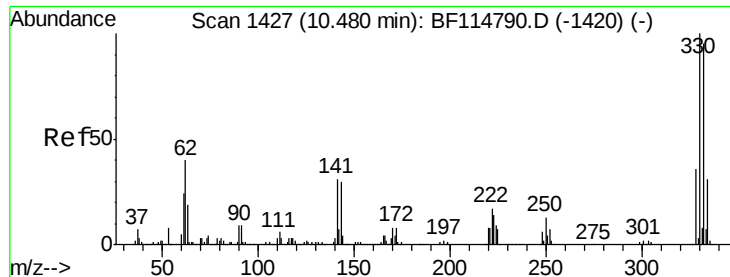
Tot Ion: 82 Resp: 2346007
Ion Ratio Lower Upper
82 100
128 52.3 41.8 62.6
54 47.3 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:164 Resp: 913256
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 46.8 36.7 55.1

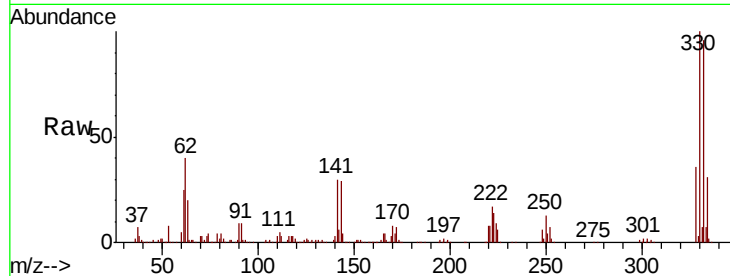




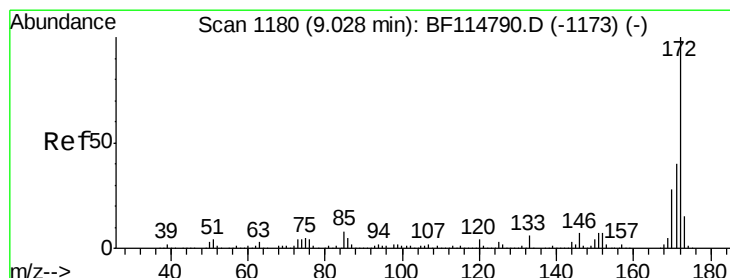
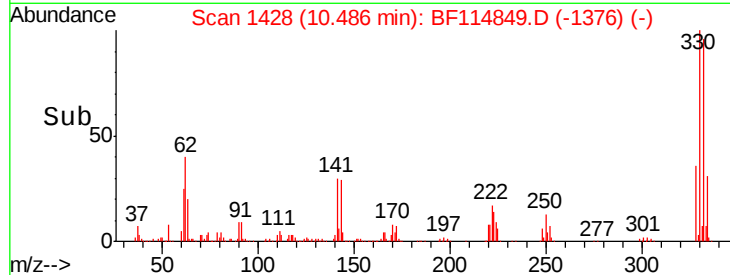
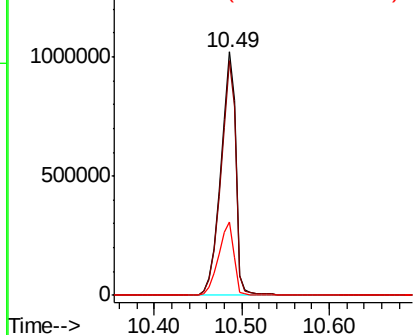
#42
 2,4,6-Tribromophenol
 Concen: 124.006 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114849.D
 Acq: 6 Jun 2019 9:05

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-060419-A

Tot Ion:330 Resp: 1220443
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.3 115.9
 141 31.3 26.2 39.4

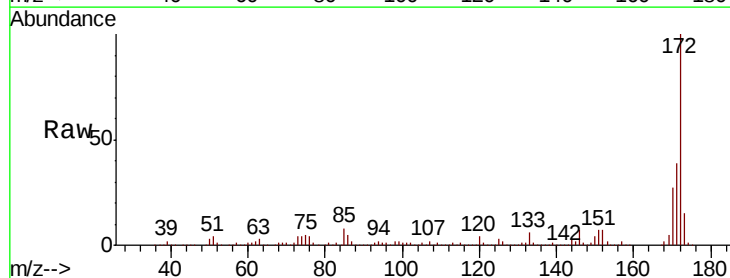


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

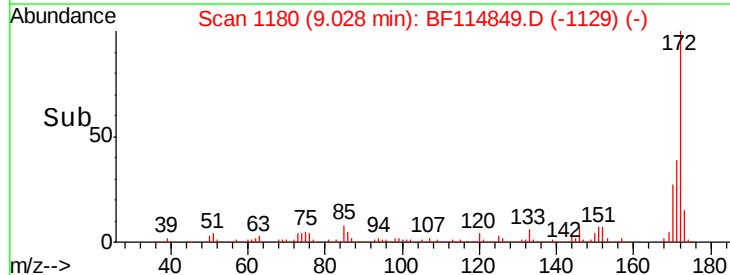
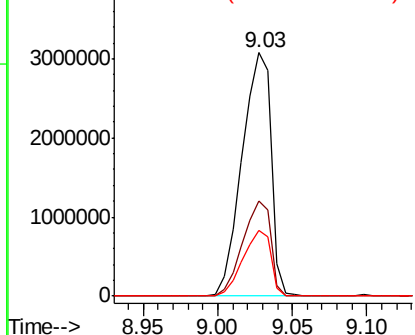


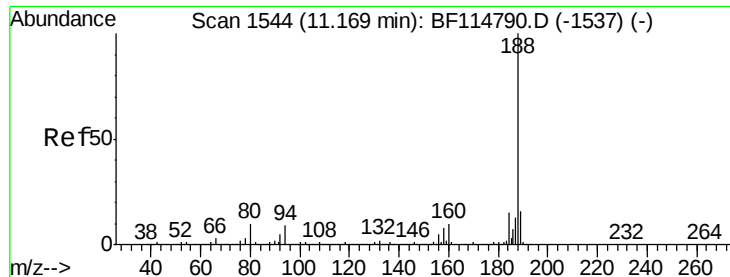
#45
 2-Fluorobiphenyl
 Concen: 85.272 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114849.D
 Acq: 6 Jun 2019 9:05

Tgt Ion:172 Resp: 4157173
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.3 48.5
 170 26.8 22.4 33.6



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

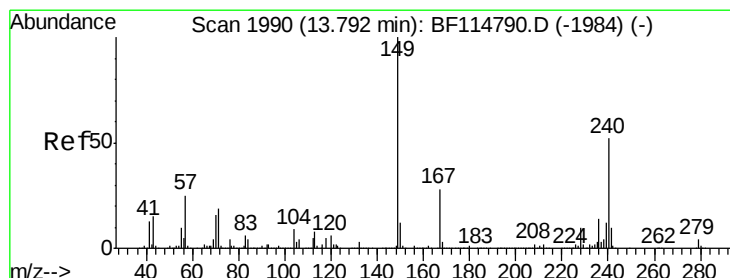
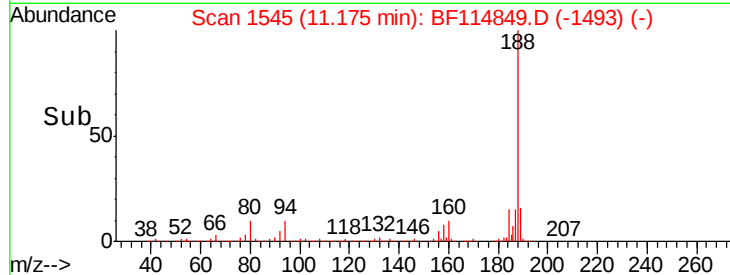
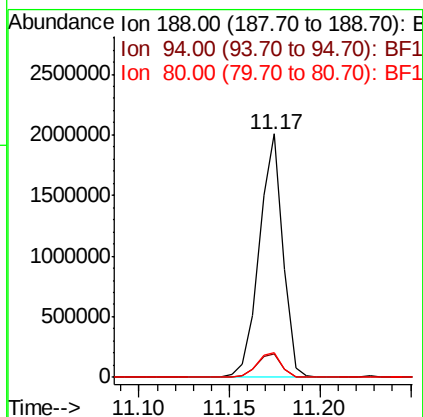
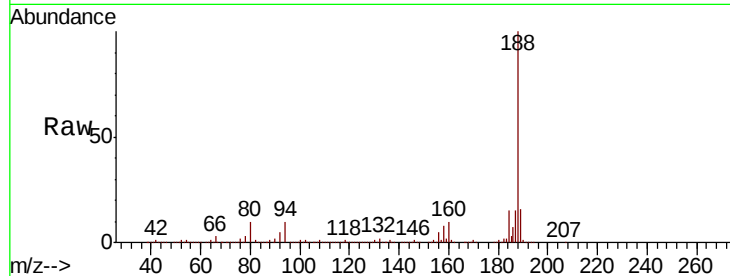




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

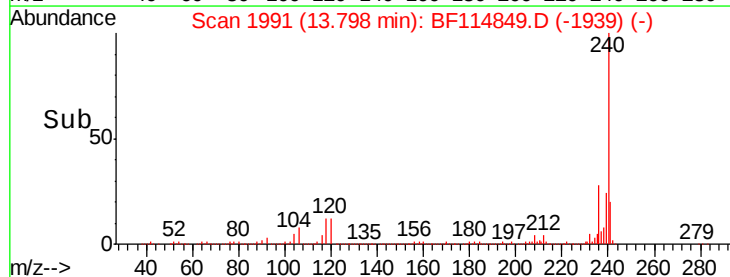
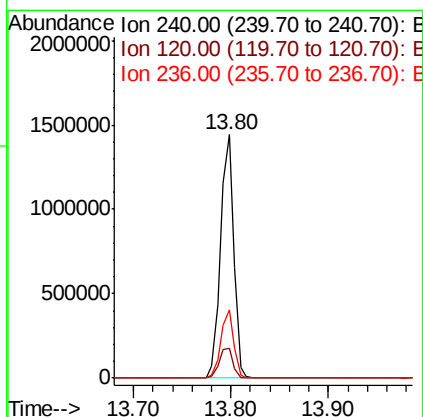
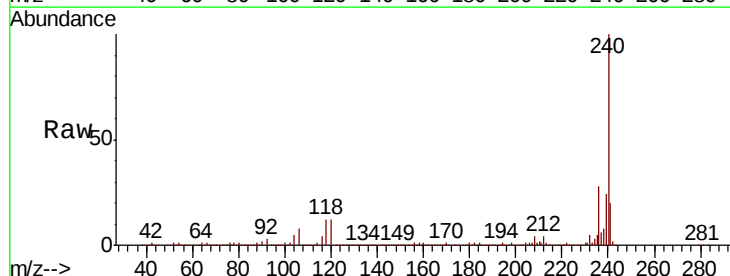
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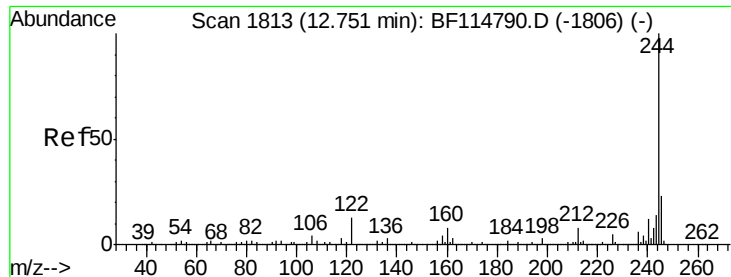
Tot Ion:188 Resp: 1822304
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114849.D
Acq: 6 Jun 2019 9:05

Tgt Ion:240 Resp: 1366268
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 27.9 21.4 32.0





#79

Terphenyl-d14

Concen: 65.862 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Instrument :

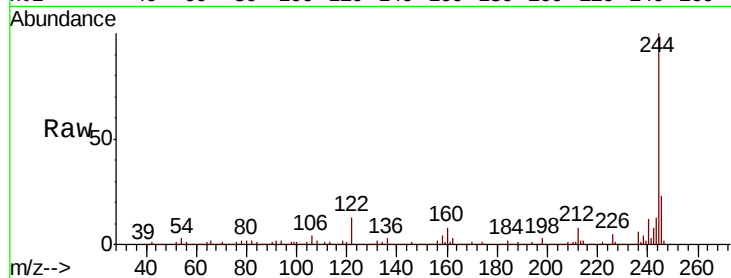
BNA_F

ClientSampleId :

AU-06-060419-A

Tot Ion:244 Resp: 4627067

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	12.6	10.5	15.7

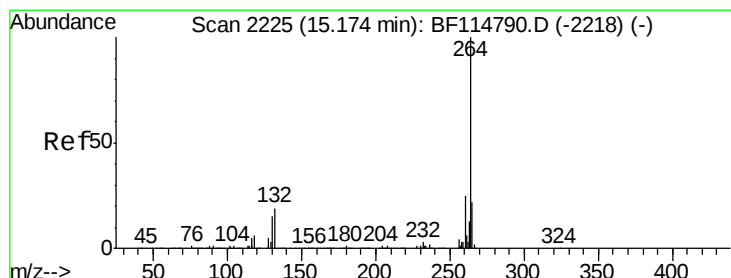
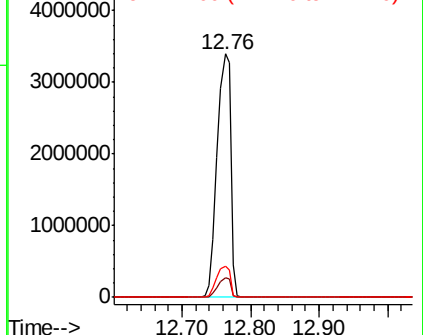
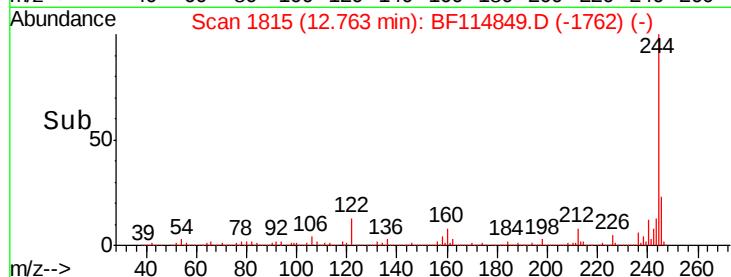


Abundance

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: 15.19 min Scan# 2228

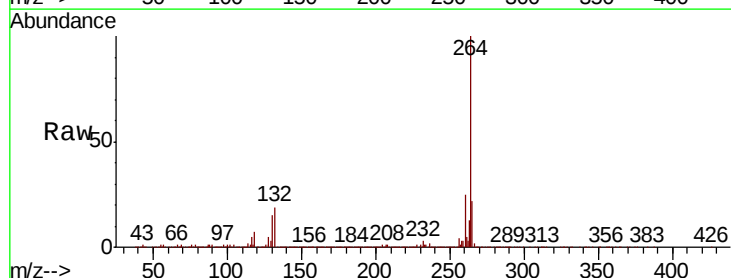
Delta R.T. 0.02 min

Lab File: BF114849.D

Acq: 6 Jun 2019 9:05

Tgt Ion:264 Resp: 1335646

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.0	17.7	26.5



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

