

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
 Data File : BF113626.D
 Acq On : 5 Apr 2019 20:27
 Operator : JU/SJ
 Sample : K2193-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-C

Quant Time: Apr 06 01:31:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

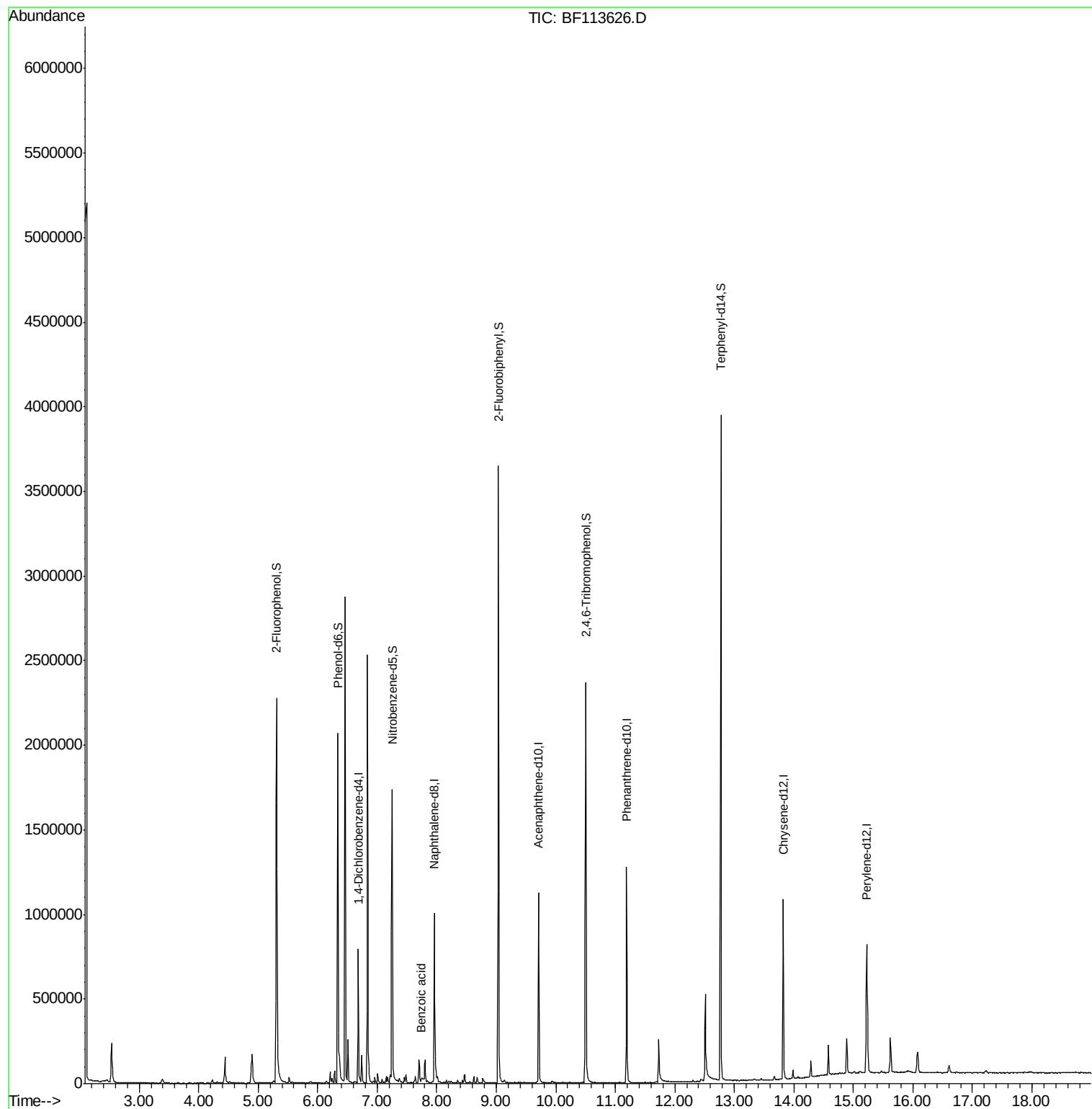
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	124104	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	470574	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	234606	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	488817	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	388694	20.00	ng	-0.02
87) Perylene-d12	15.22	264	338959	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	745802	102.48	ng	0.01
7) Phenol-d6	6.34	99	868059	96.77	ng	0.00
23) Nitrobenzene-d5	7.25	82	652919	81.27	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	357481	126.85	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1197485	82.17	ng	-0.01
79) Terphenyl-d14	12.77	244	1532200	80.26	ng	-0.02
Target Compounds						
32) Benzoic acid	7.75	122	18785	3.811	ng	Qvalue 97

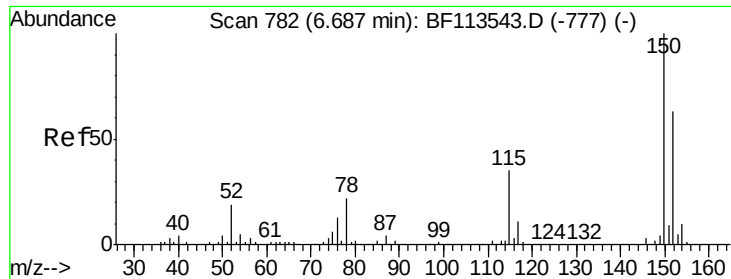
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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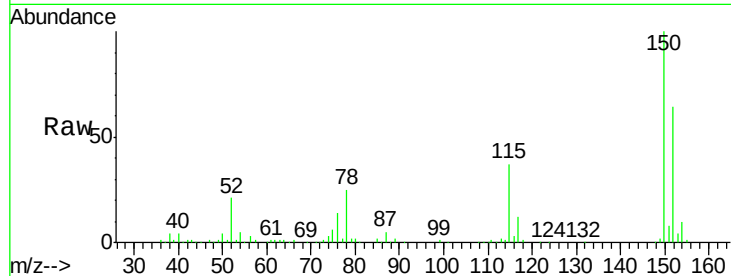


#1

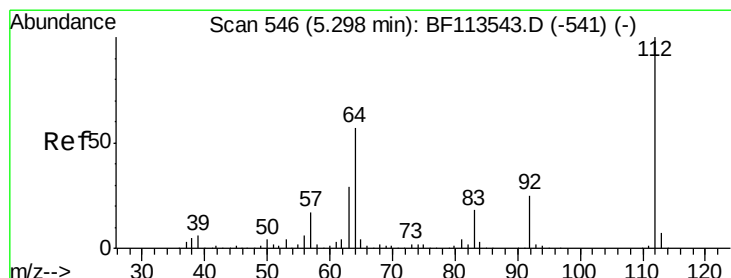
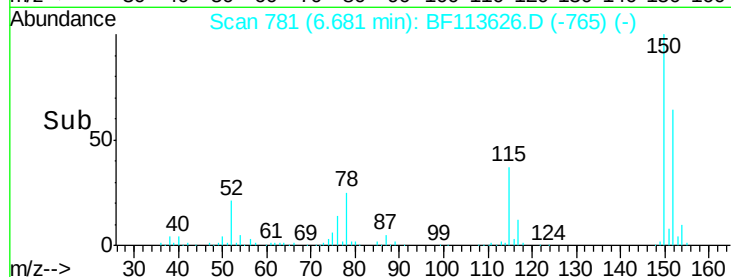
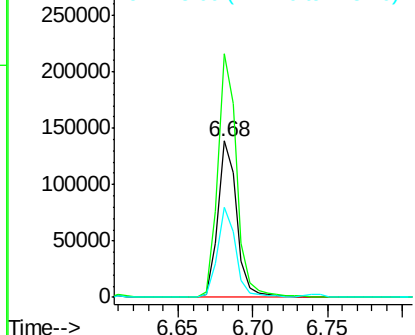
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-C

Tgt Ion:152 Resp: 124104
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 58.1 46.0 69.0



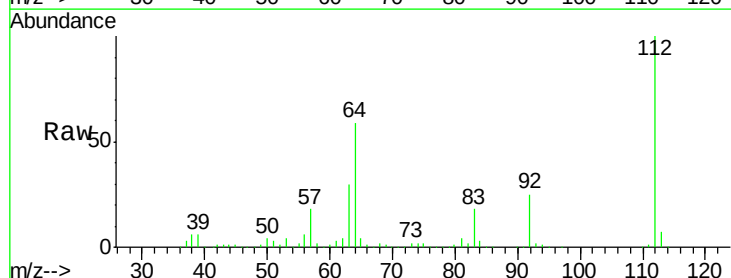
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



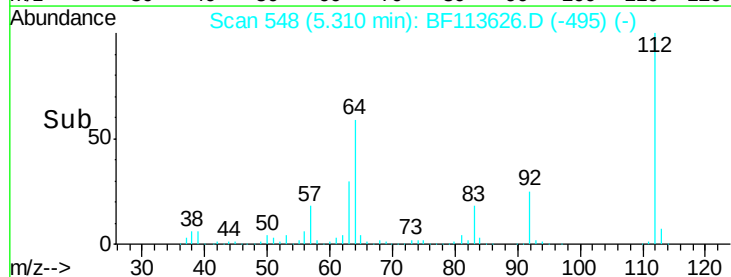
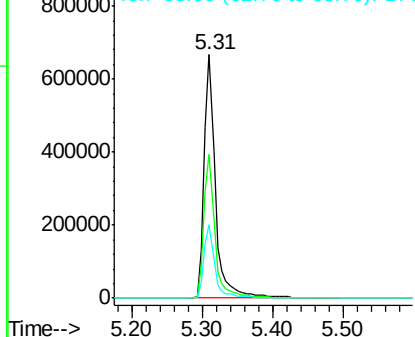
#5

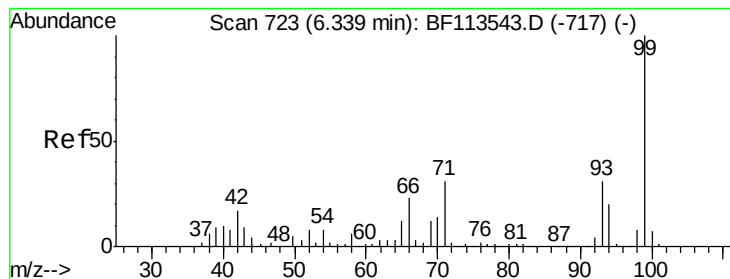
2-Fluorophenol
Concen: 102.476 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Tgt Ion:112 Resp: 745802
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 30.1 24.9 37.3



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: 96.774 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-C

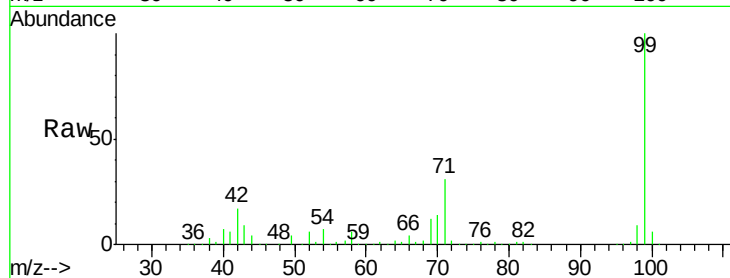
Tgt Ion: 99 Resp: 868059

Ion Ratio Lower Upper

99 100

42 17.1 14.8 22.2

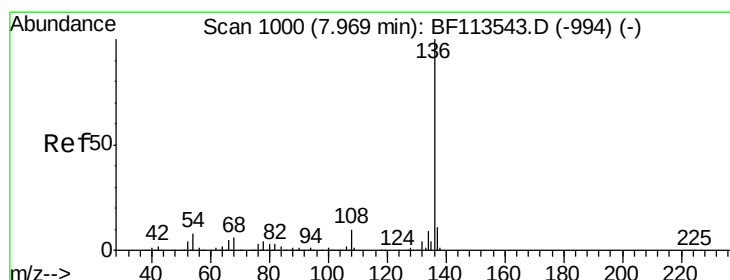
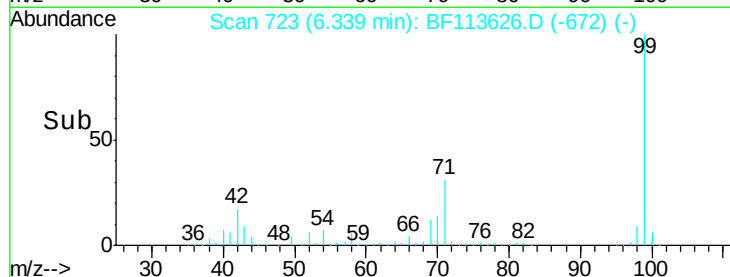
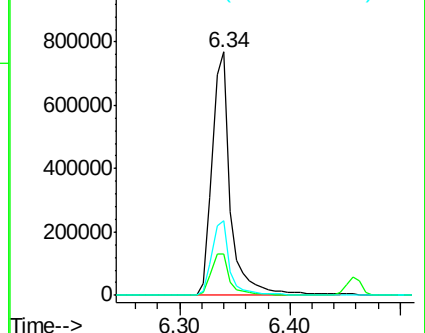
71 30.8 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Tgt Ion: 136 Resp: 470574

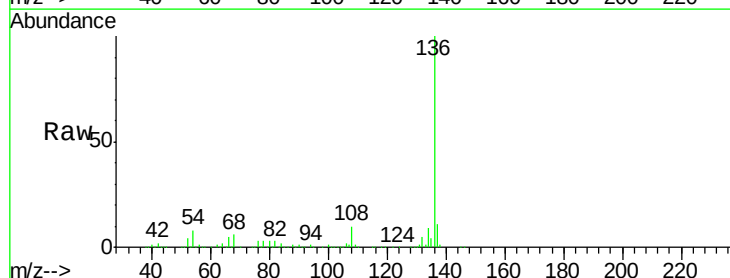
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 7.0 10.6

68 5.9 4.8 7.2

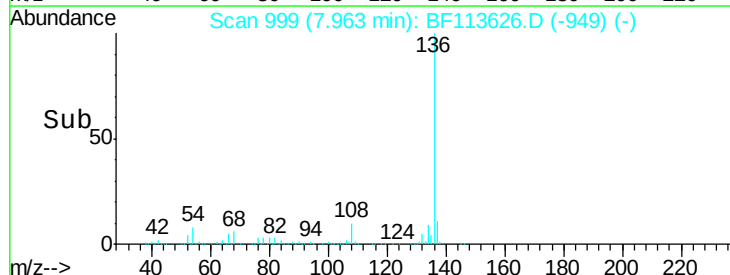
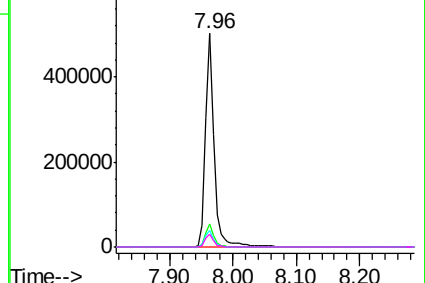


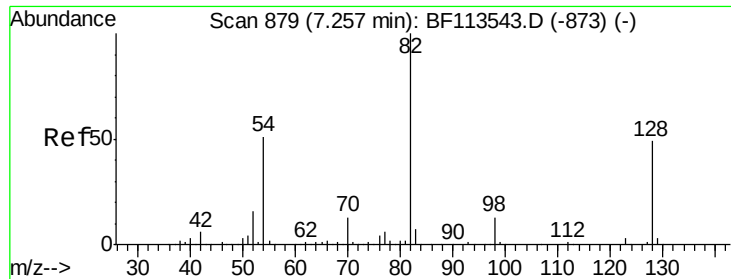
Abundance Ion 136.00 (135.70 to 136.70): E

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

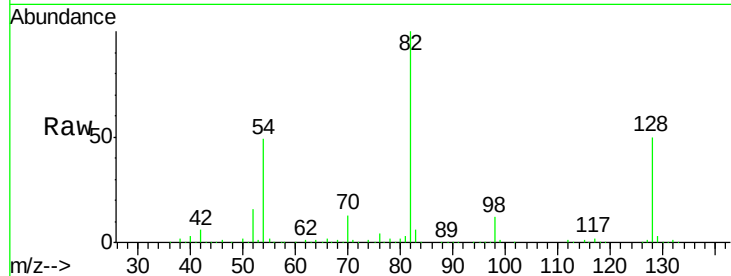




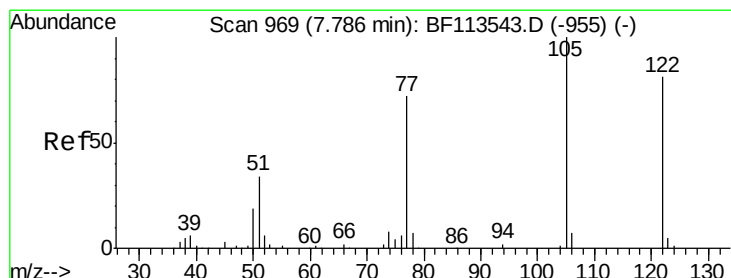
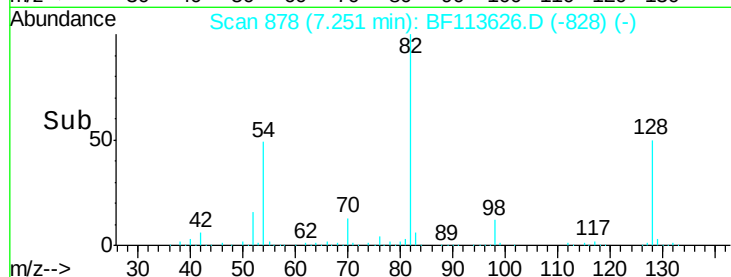
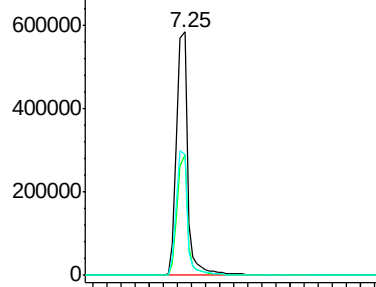
#23
 Nitrobenzene-d5
 Concen: 81.273 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-C

Tgt Ion: 82 Resp: 652919
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.5 54.7
 54 49.5 42.2 63.2

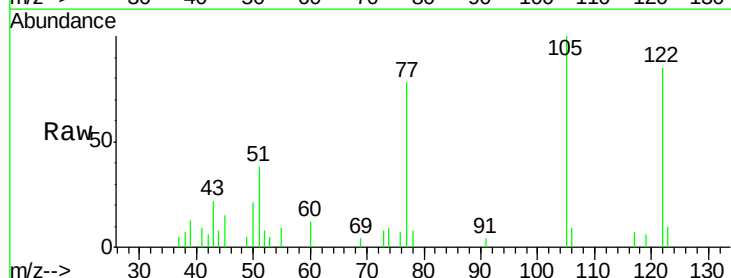


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

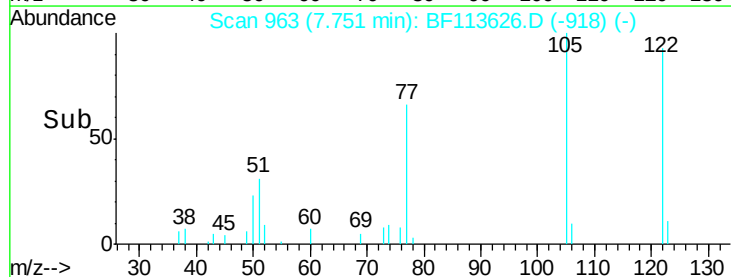
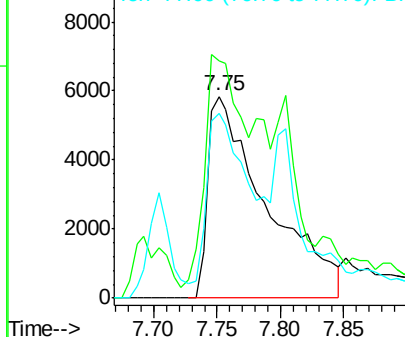


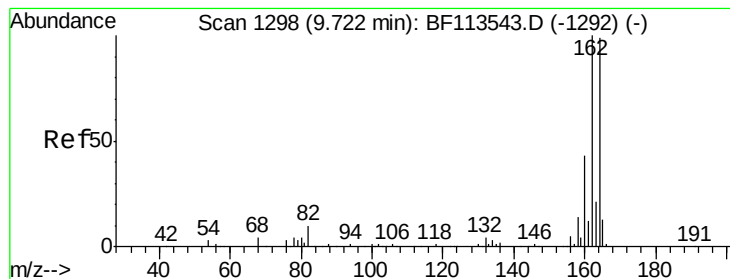
#32
 Benzoic acid
 Concen: 3.811 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.04 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Tgt Ion: 122 Resp: 18785
 Ion Ratio Lower Upper
 122 100
 105 117.5 100.4 140.4
 77 91.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

Instrument :

BNA_F

ClientSampleId :

HR-06-040319-C

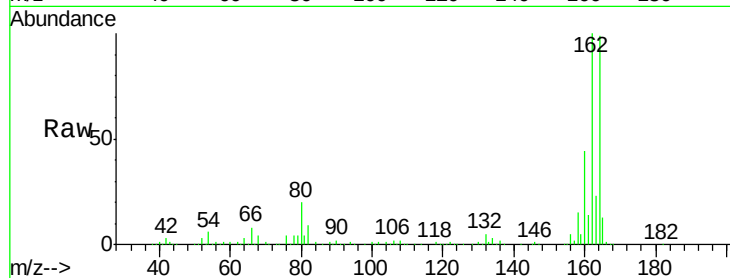
Tgt Ion:164 Resp: 234606

Ion Ratio Lower Upper

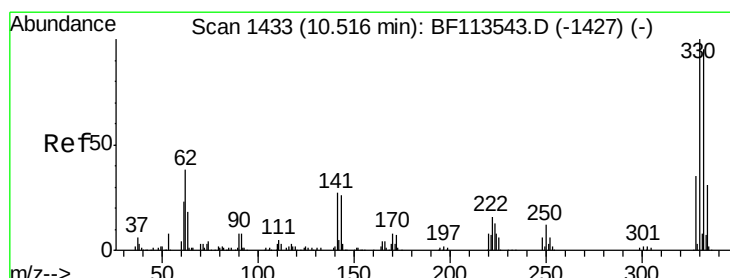
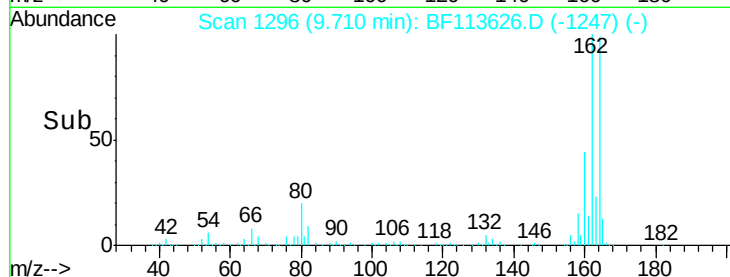
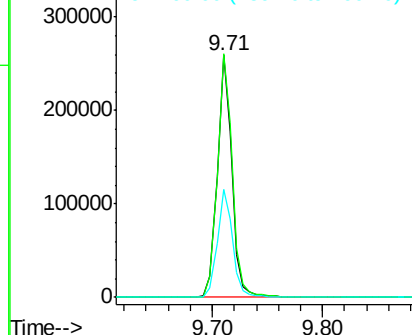
164 100

162 100.6 81.8 122.6

160 44.7 36.4 54.6



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: 126.848 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF113626.D

Acq: 5 Apr 2019 20:27

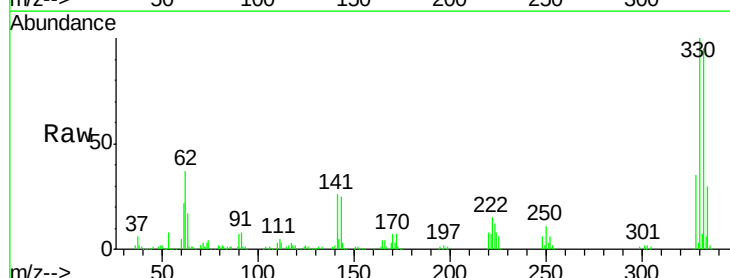
Tgt Ion:330 Resp: 357481

Ion Ratio Lower Upper

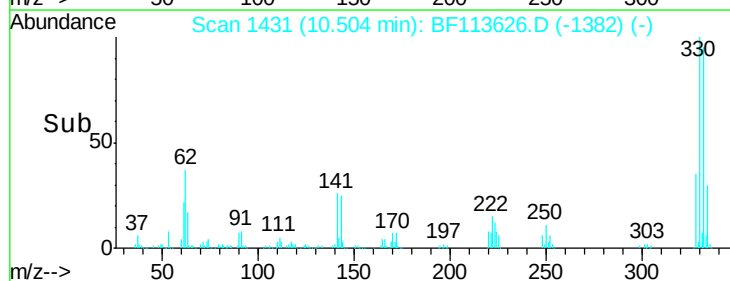
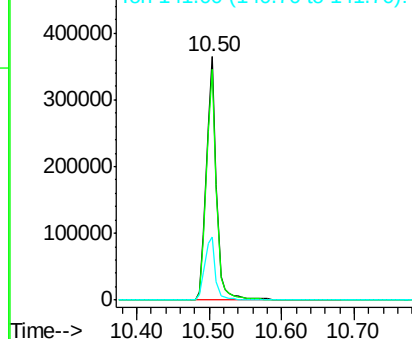
330 100

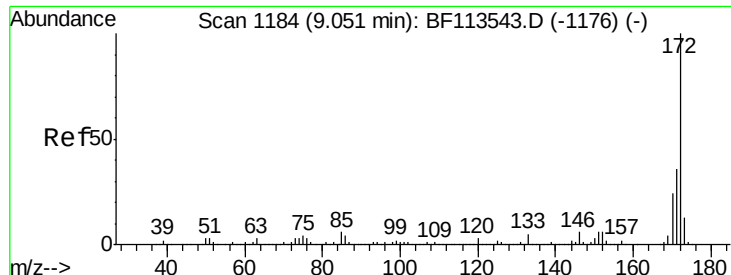
332 95.4 77.8 116.6

141 27.4 22.7 34.1



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

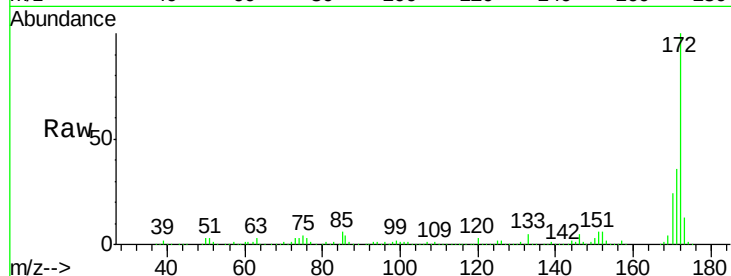




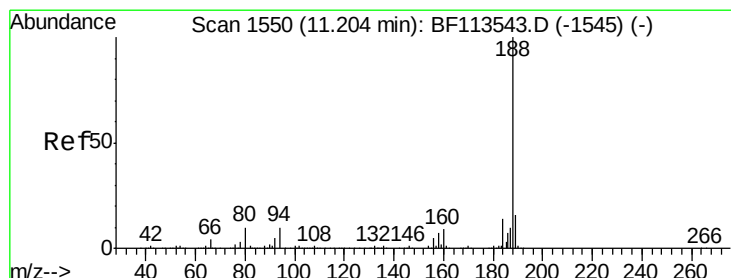
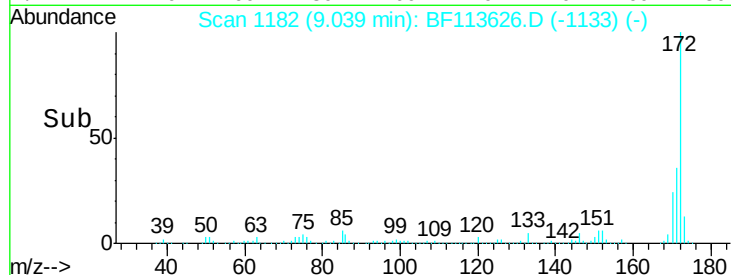
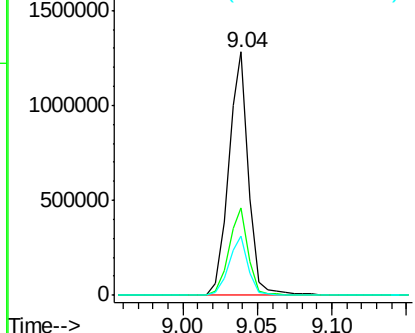
#45
 2-Fluorobiphenyl
 Concen: 82.173 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Instrument :
 BNA_F
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 HR-06-040319-C

Tgt Ion:172 Resp: 1197485
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.5 29.3

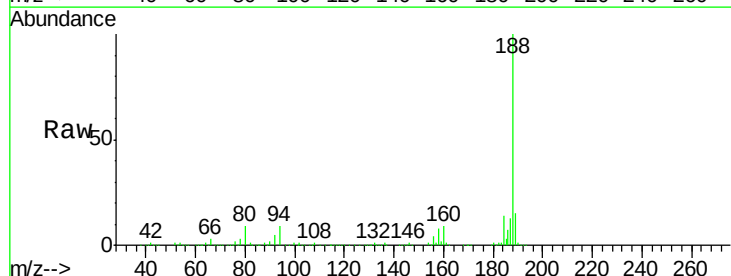


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

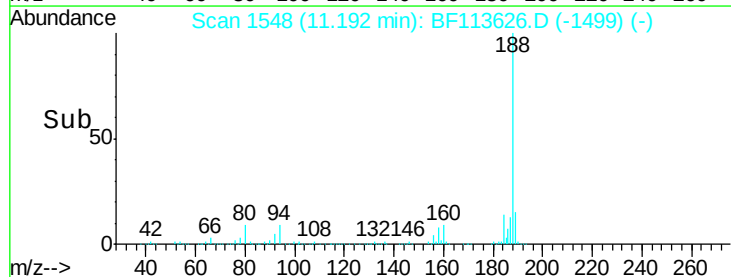
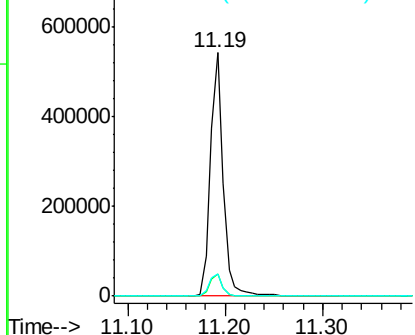


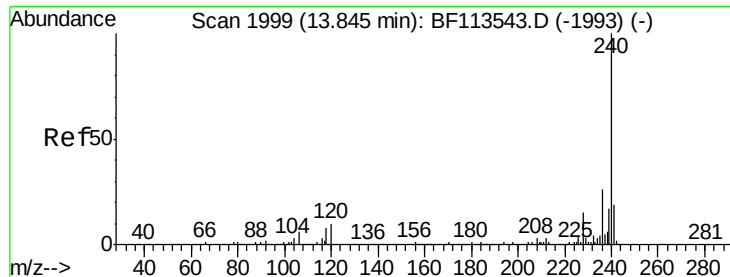
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113626.D
 Acq: 5 Apr 2019 20:27

Tgt Ion:188 Resp: 488817
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.0 10.6
 80 9.2 7.7 11.5



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

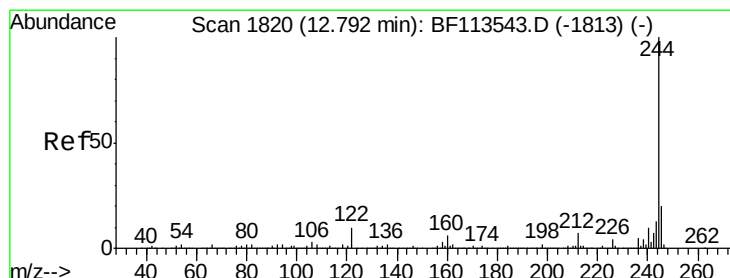
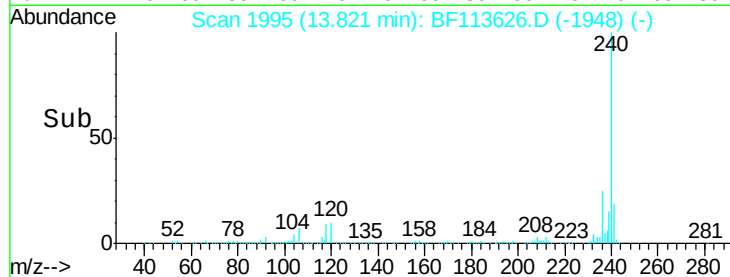
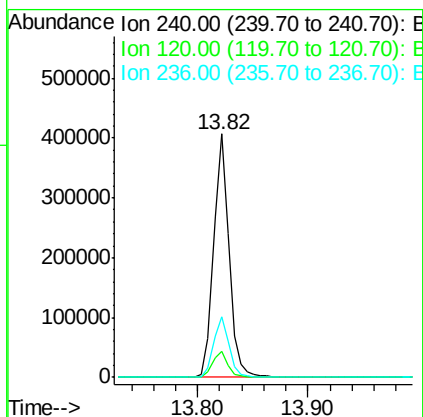
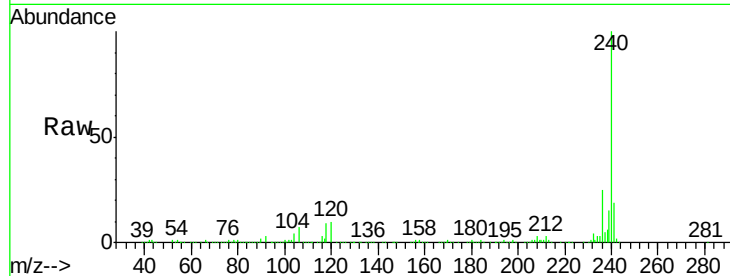




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

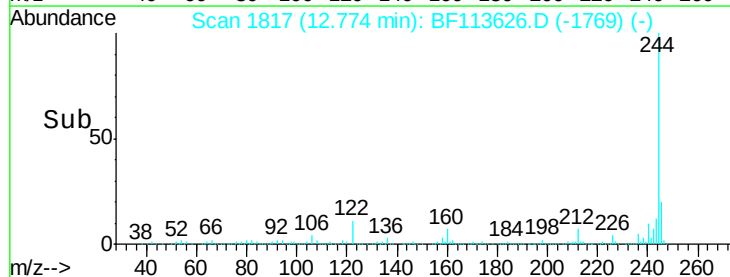
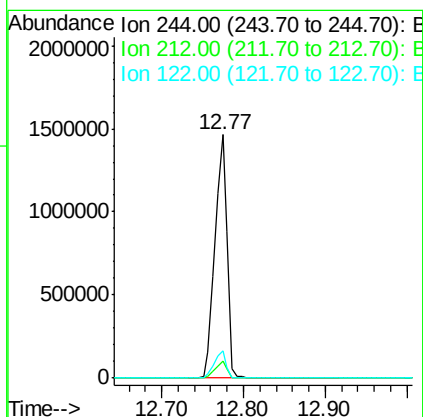
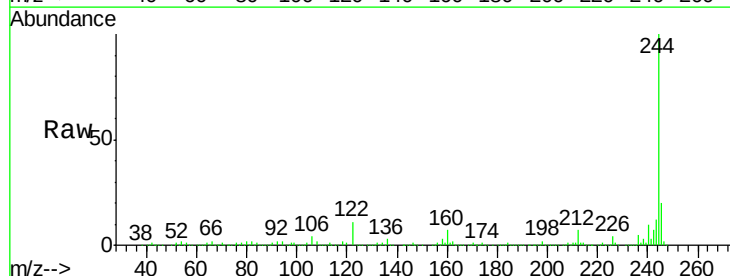
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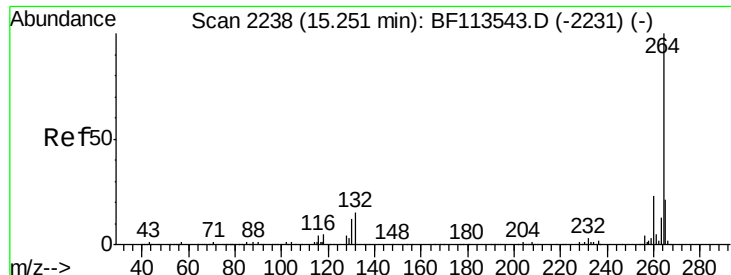
Tgt Ion:240 Resp: 388694
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.1 20.9 31.3



#79
Terphenyl-d14
Concen: 80.258 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Tgt Ion:244 Resp: 1532200
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.3 8.6 13.0

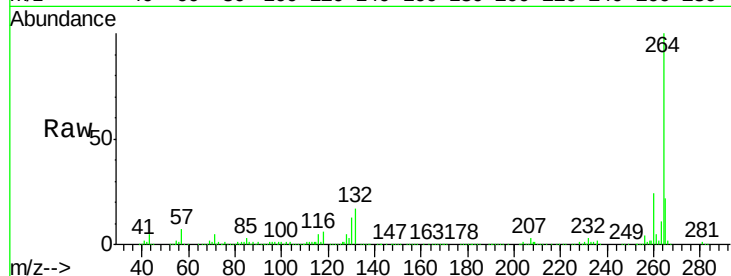




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113626.D
Acq: 5 Apr 2019 20:27

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.6	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

