

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114702.D
 Acq On : 31 May 2019 12:32
 Operator : HP/JU
 Sample : K2971-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Quant Time: Jun 01 00:41:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

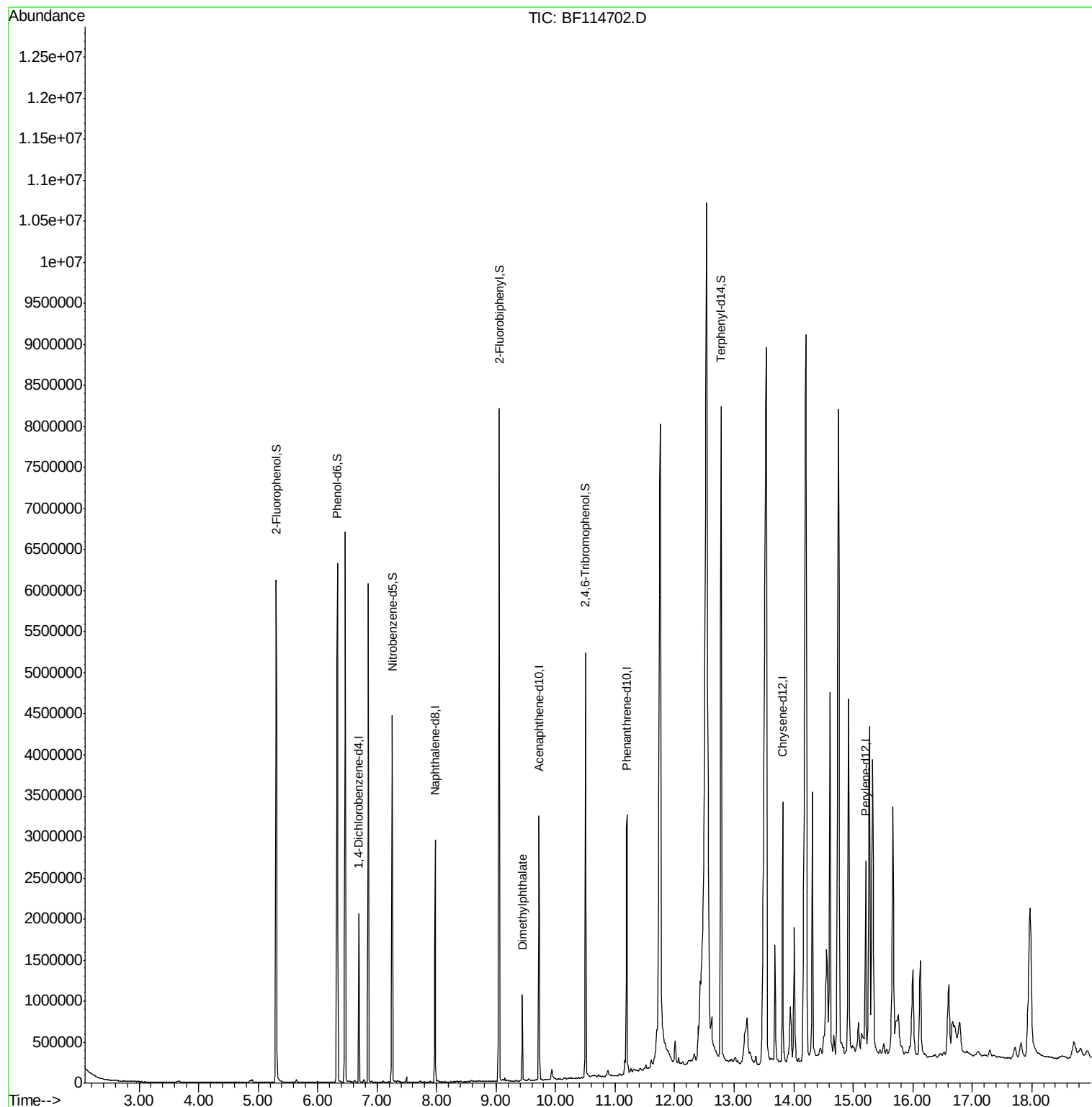
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	324664	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1215031	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	598342	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1198155	20.00	ng	0.00
76) Chrysene-d12	13.82	240	977687	20.00	ng	0.00
87) Perylene-d12	15.21	264	993575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2026221	109.57	ng	0.01
7) Phenol-d6	6.33	99	2423215	108.75	ng	0.00
23) Nitrobenzene-d5	7.26	82	1522400	78.17	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	647906	113.64	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2622048	81.70	ng	0.00
79) Terphenyl-d14	12.78	244	3020367	58.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	424749	10.187	ng	Qvalue 98

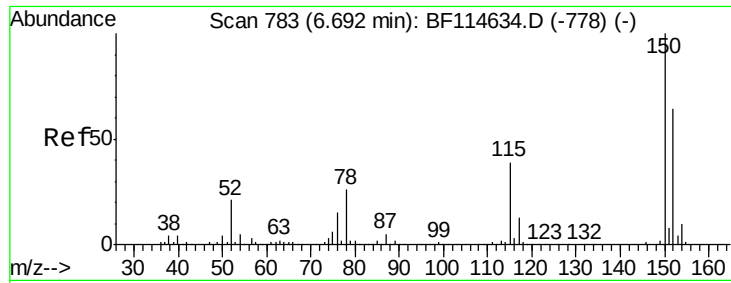
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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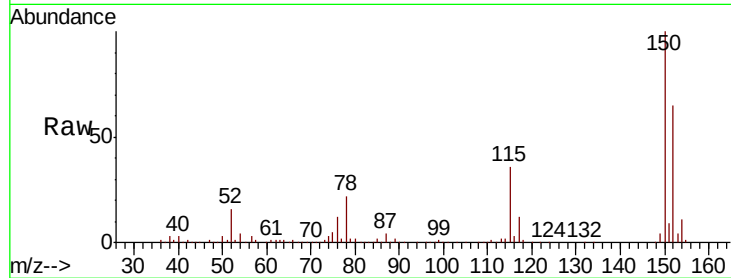


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.4	186.6
115	55.4	48.7	73.1

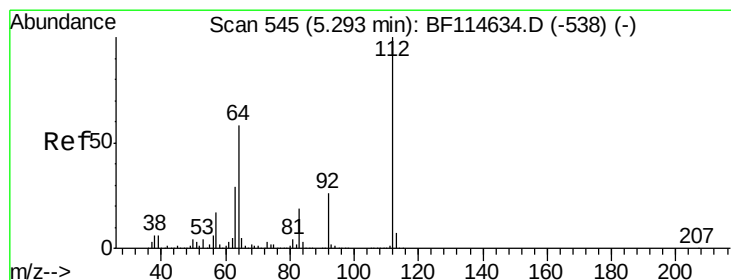
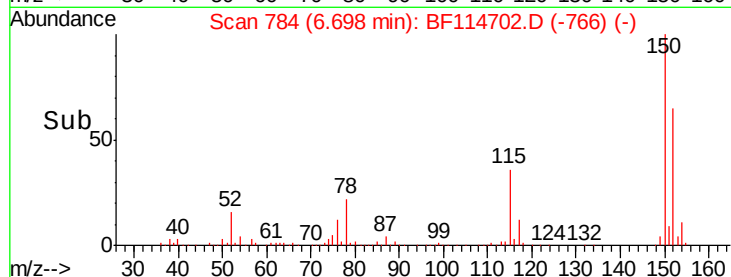
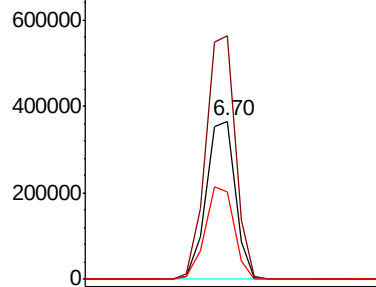


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

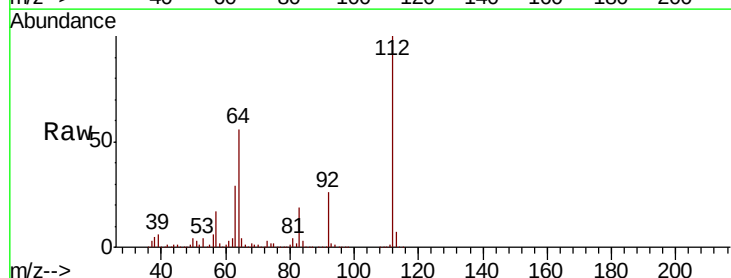
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.573 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.1	69.1
63	29.2	23.4	35.2

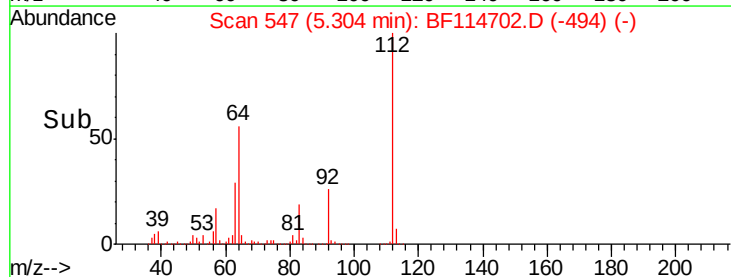
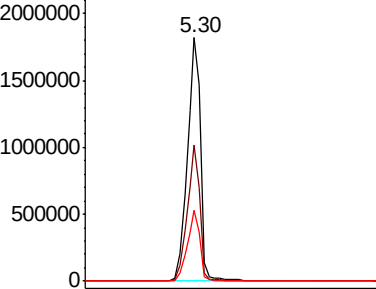


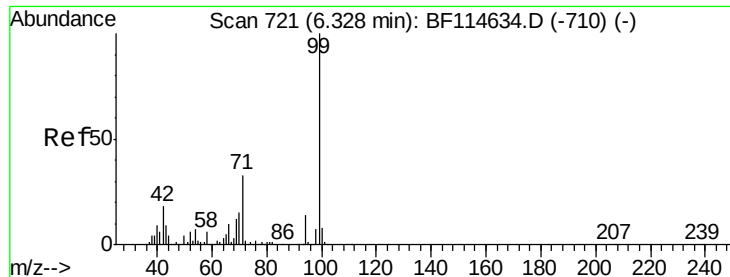
Abundance

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: 108.745 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

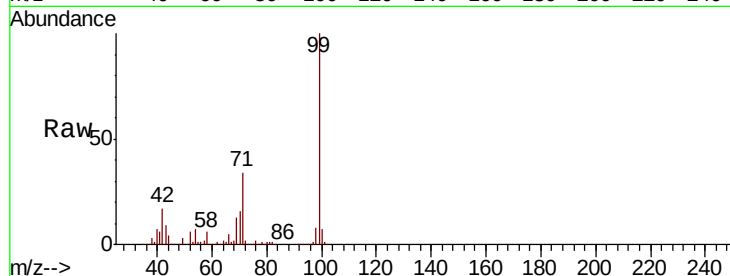
Tot Ion: 99 Resp: 2423215

Ion Ratio Lower Upper

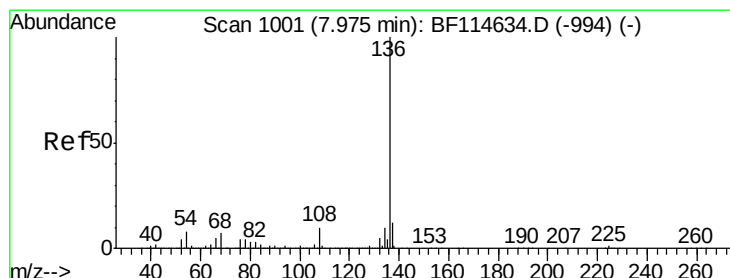
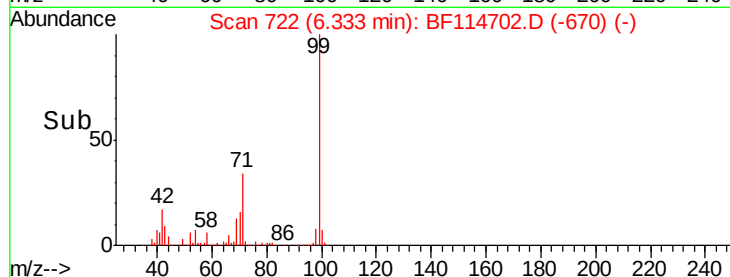
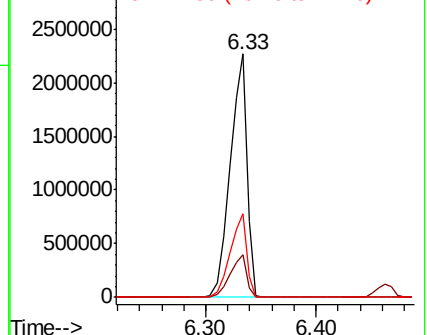
99 100

42 17.4 14.7 22.1

71 34.5 26.6 40.0



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Tgt Ion: 136 Resp: 1215031

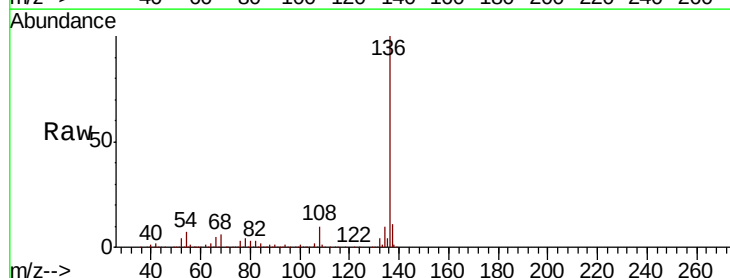
Ion Ratio Lower Upper

136 100

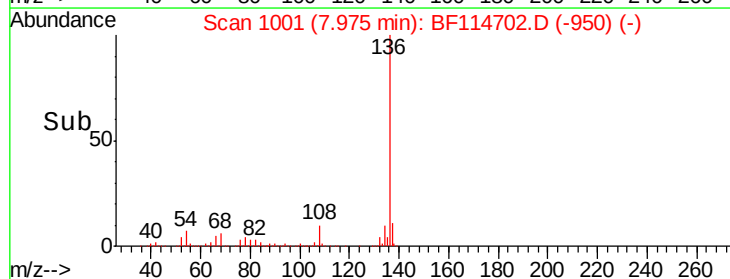
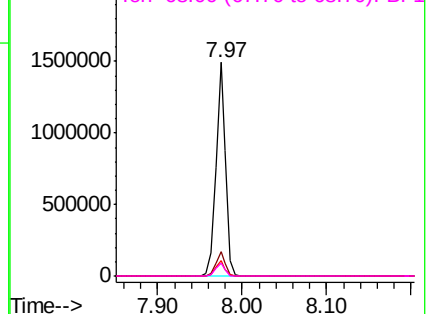
137 11.2 9.3 13.9

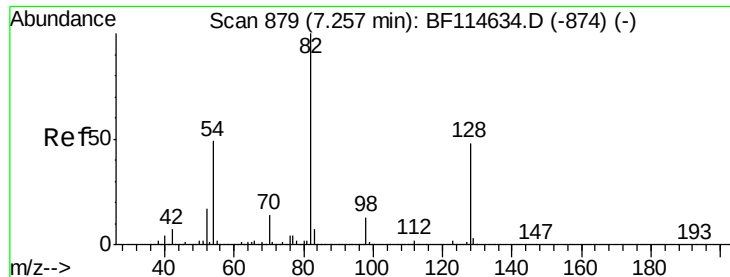
54 7.0 6.3 9.5

68 5.9 5.4 8.0



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

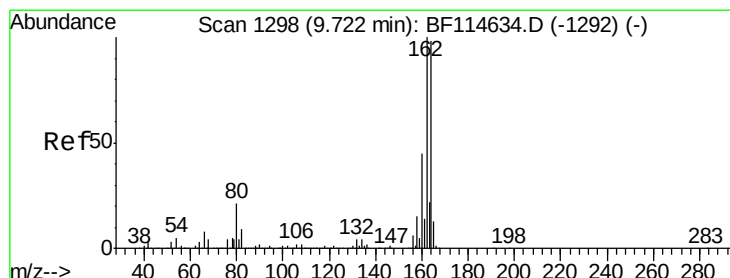
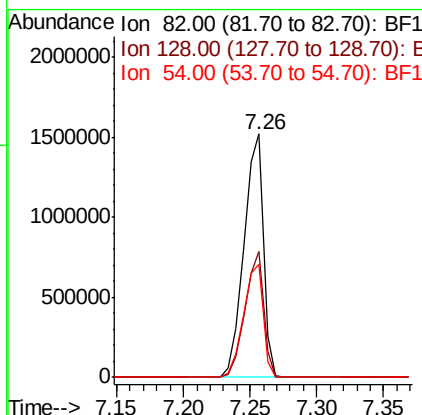
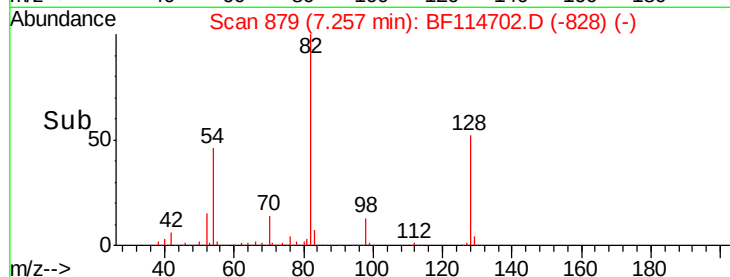
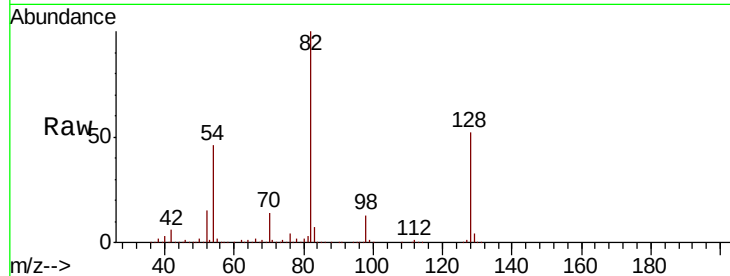




#23
 Nitrobenzene-d5
 Concen: 78.172 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

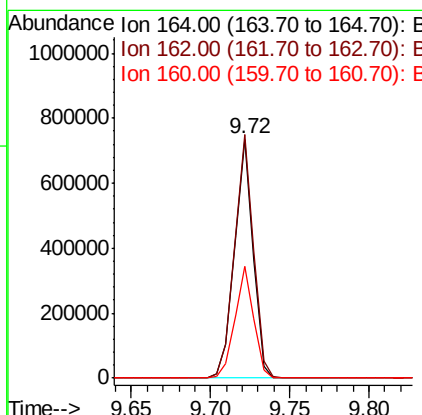
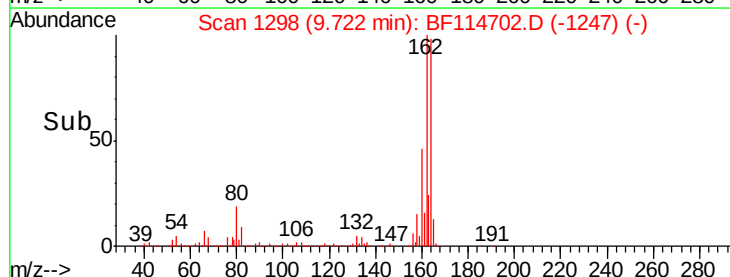
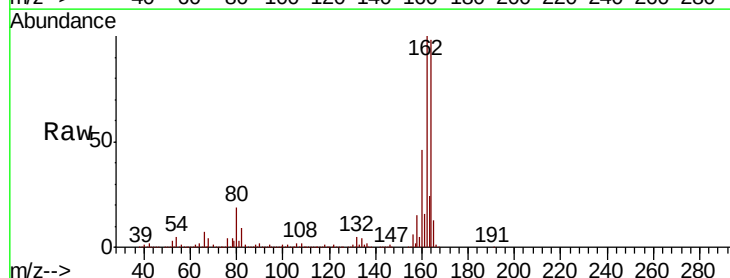
Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

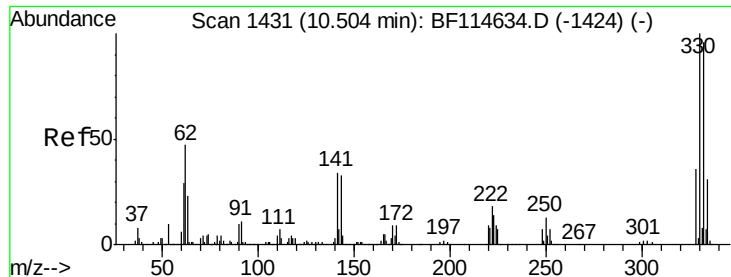
Tot Ion: 82 Resp: 1522400
 Ion Ratio Lower Upper
 82 100
 128 51.9 38.5 57.7
 54 46.5 39.1 58.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Tgt Ion: 164 Resp: 598342
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.2
 160 46.6 36.6 54.8

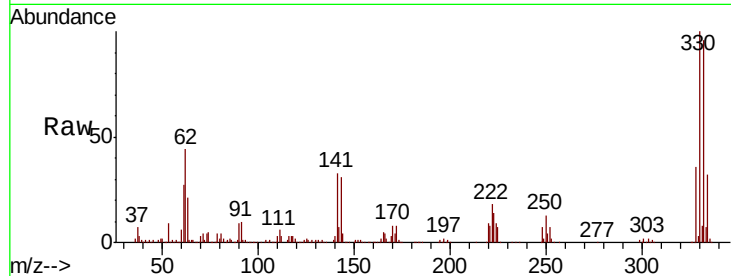




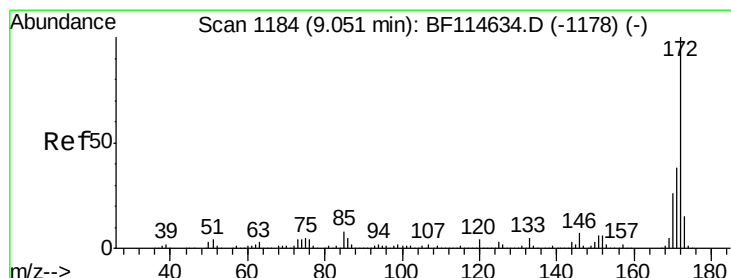
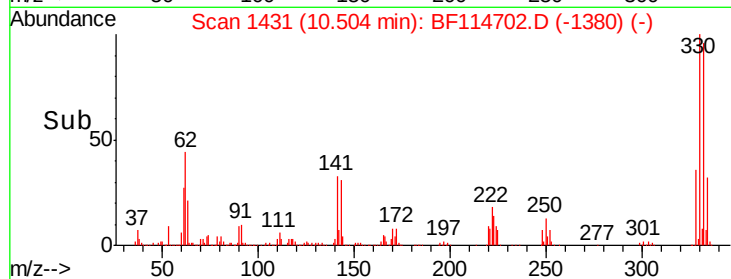
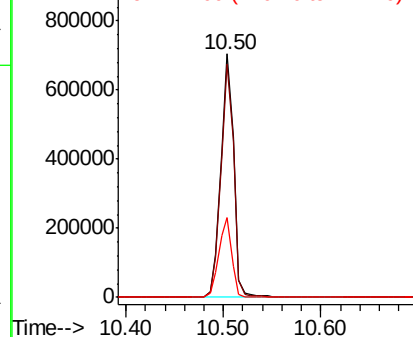
#42
 2,4,6-Tribromophenol
 Concen: 113.643 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SUP-2A-C-4-052019

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.8
141	33.1	27.8	41.8

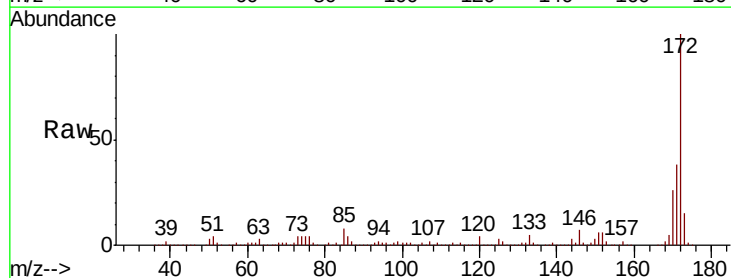


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

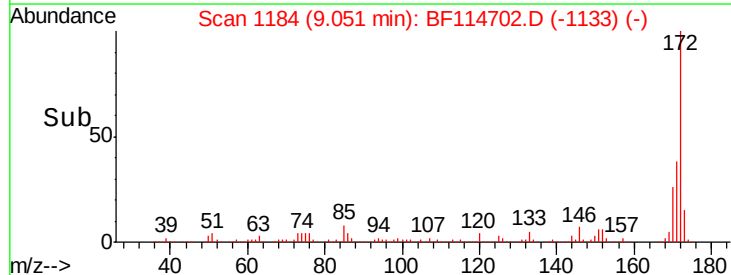
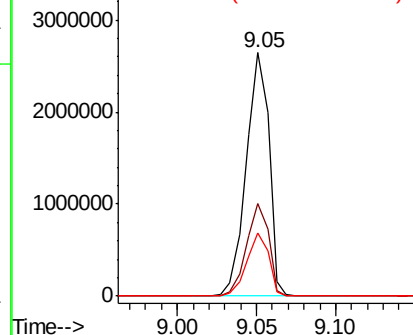


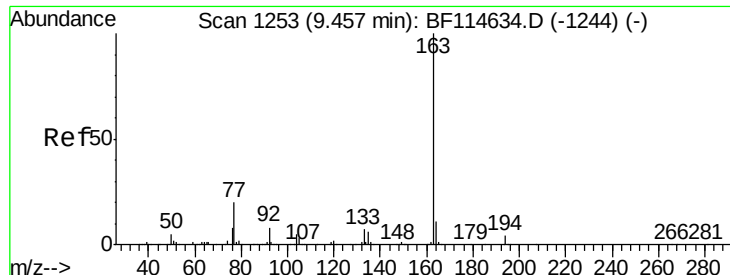
#45
 2-Fluorobiphenyl
 Concen: 81.697 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114702.D
 Acq: 31 May 2019 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	45.8
170	26.1	20.7	31.1



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





#50

Dimethylphthalate

Concen: 10.187 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

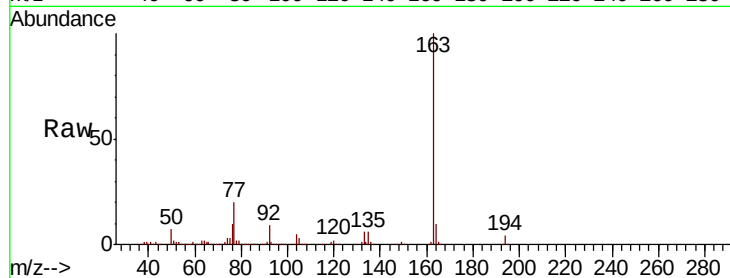
Tot Ion:163 Resp: 424749

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

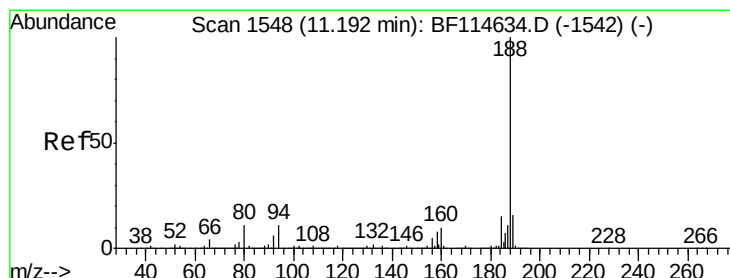
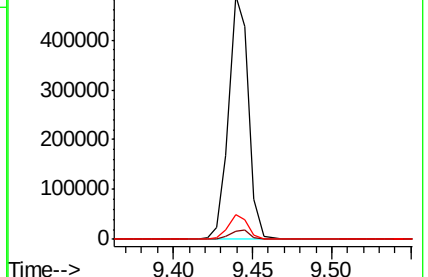
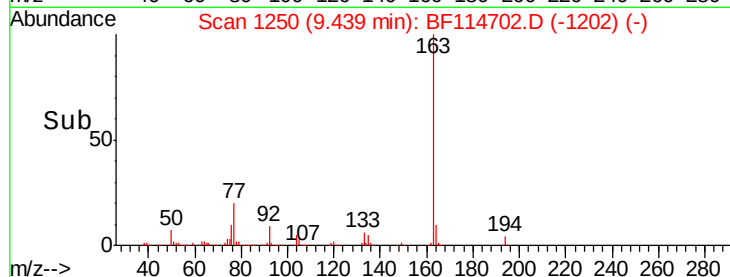
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

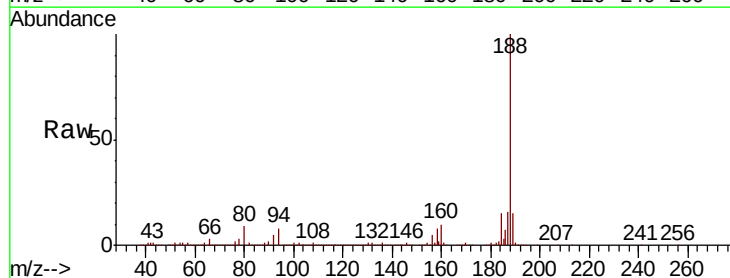
Tgt Ion:188 Resp: 1198155

Ion Ratio Lower Upper

188 100

94 8.5 8.6 13.0#

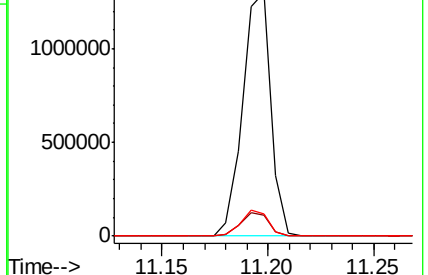
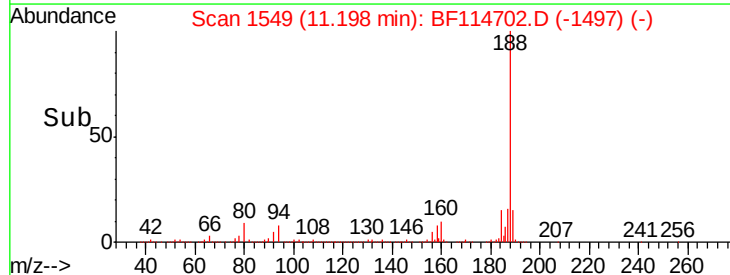
80 8.9 9.0 13.6#

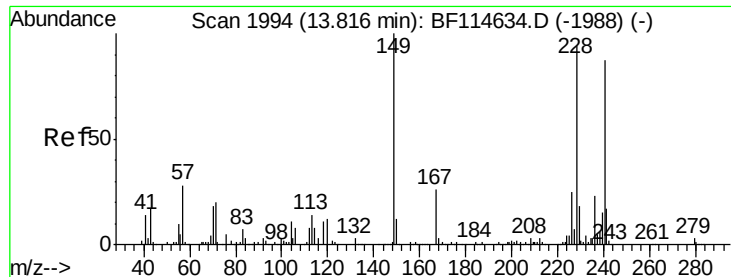


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1994

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

Instrument :

BNA_F

ClientSampleId :

SUP-2A-C-4-052019

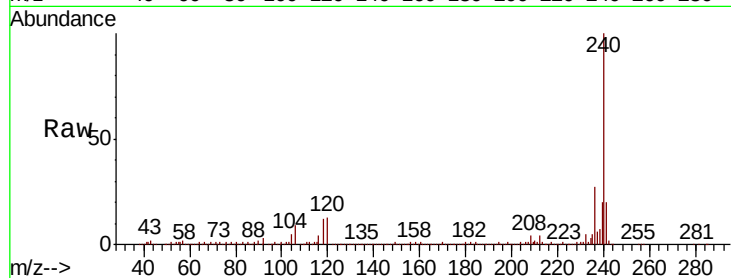
Tot Ion:240 Resp: 977687

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

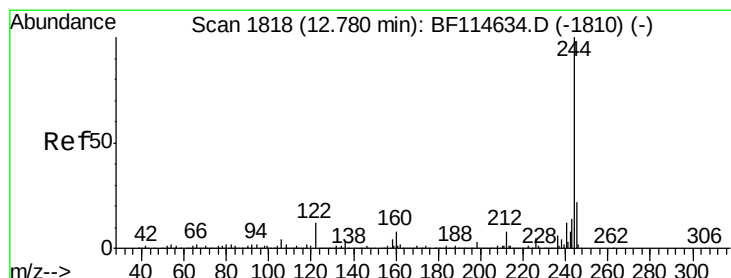
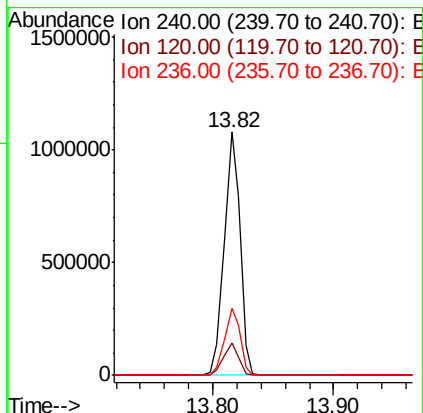
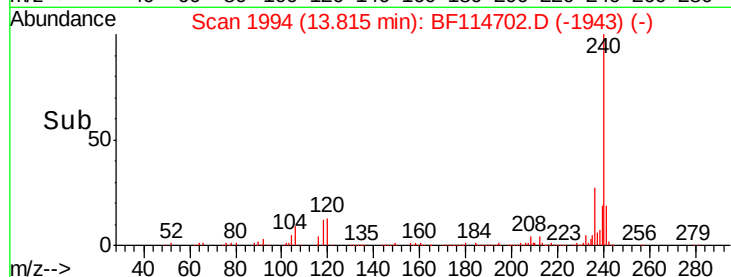
236 27.4 21.2 31.8



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: 58.083 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114702.D

Acq: 31 May 2019 12:32

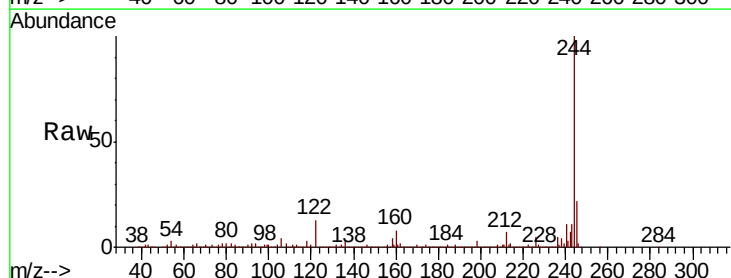
Tgt Ion:244 Resp: 3020367

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

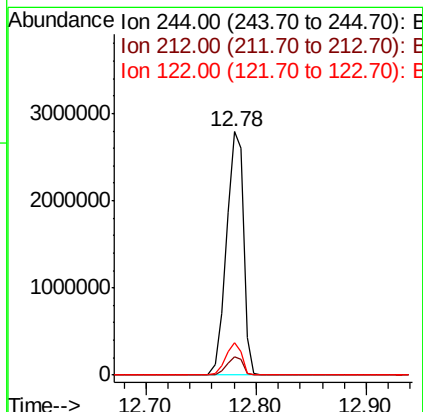
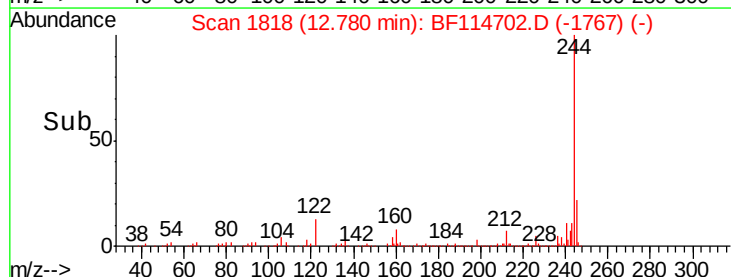
122 13.1 9.8 14.8

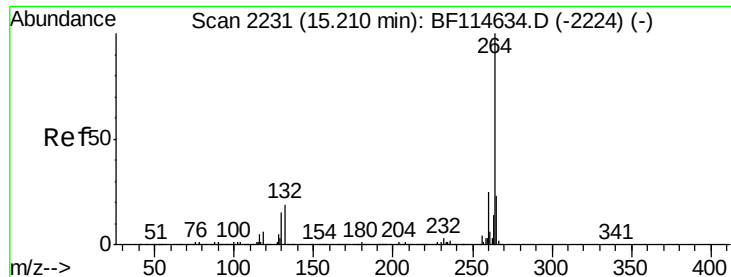


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114702.D
Acq: 31 May 2019 12:32

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-4-052019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.9	18.1	27.1

