

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114735.D
 Acq On : 1 Jun 2019 4:06
 Operator : HP/JU
 Sample : K3090-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Time: Jun 01 06:53:58 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	456687	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1647273	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	745601	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1218533	20.00	ng	0.00
76) Chrysene-d12	13.81	240	819975	20.00	ng	0.00
87) Perylene-d12	15.20	264	746847	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2685314	103.24	ng	0.04
7) Phenol-d6	6.34	99	2879649	91.87	ng	0.01
23) Nitrobenzene-d5	7.26	82	2238049	84.76	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	833501	117.32	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3684682	94.65	ng	0.00
79) Terphenyl-d14	12.78	244	3132641	71.83	ng	0.00

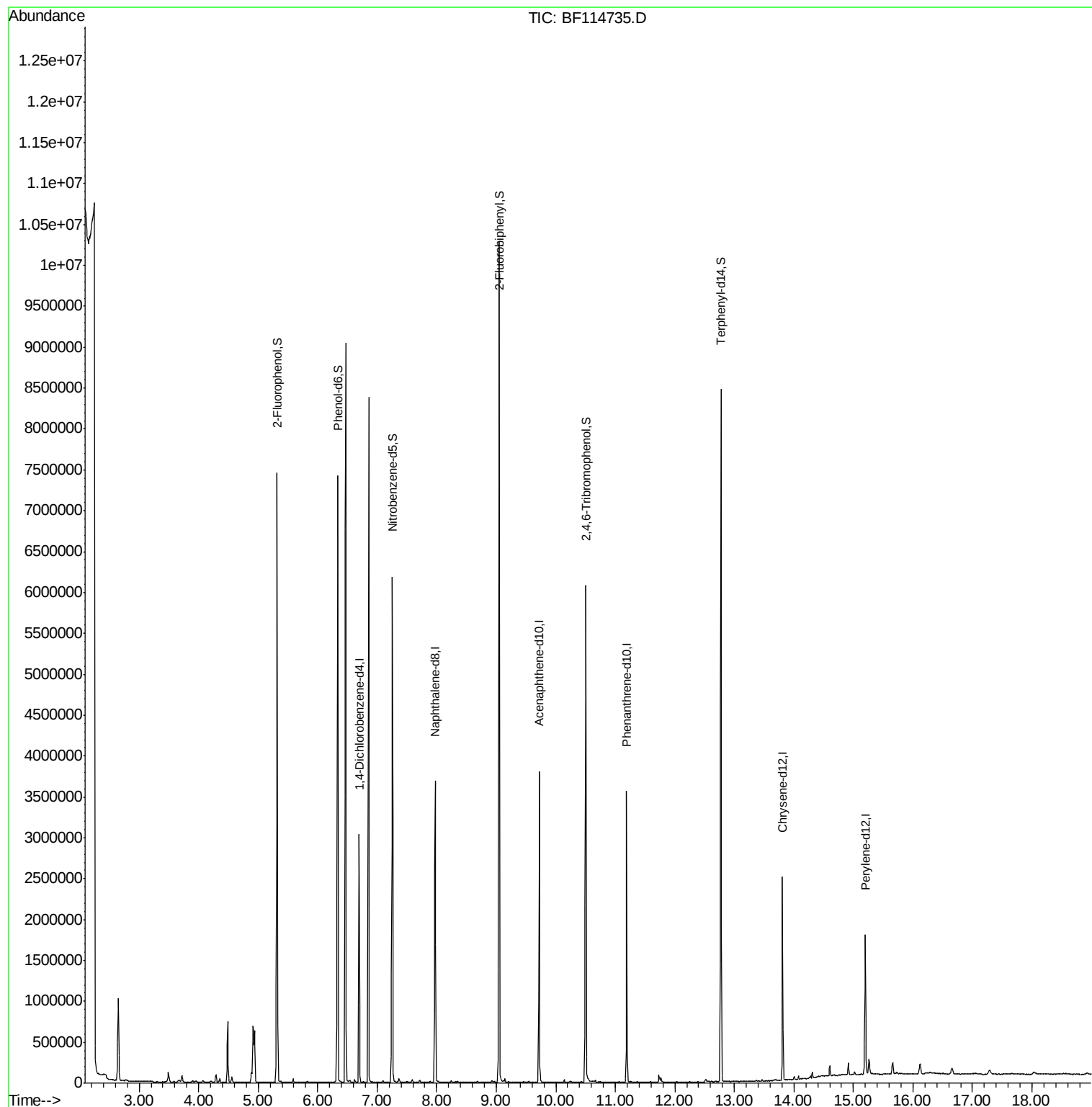
Target Compounds Qvalue

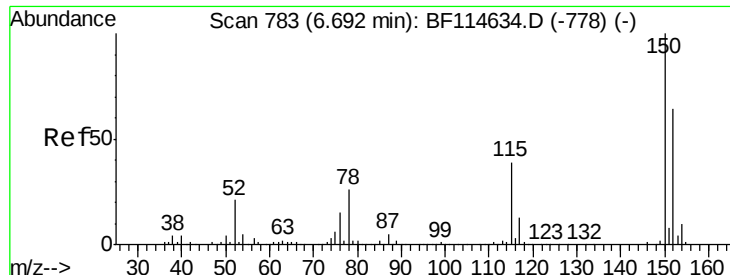
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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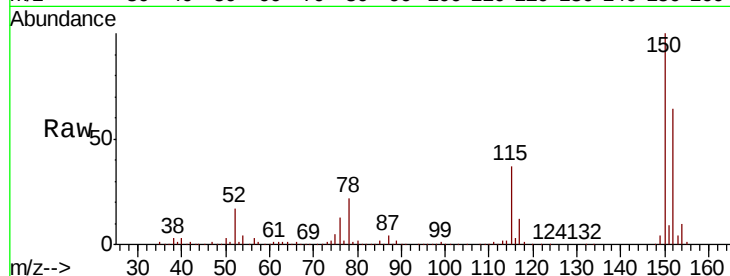


#1

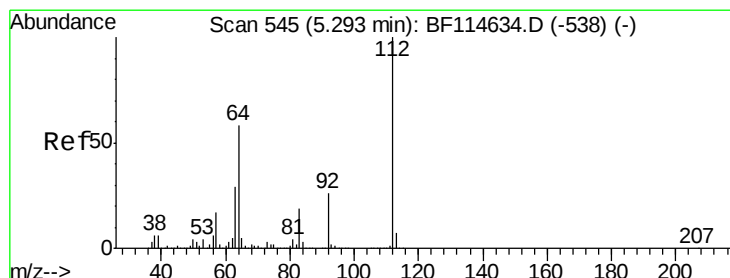
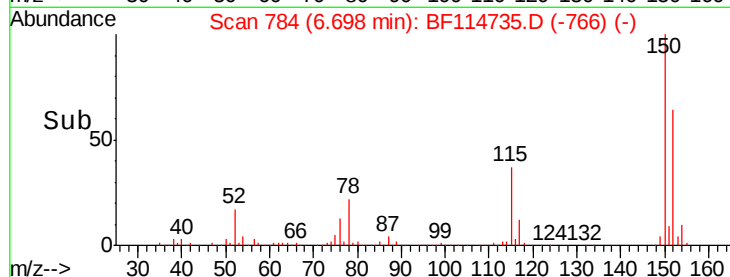
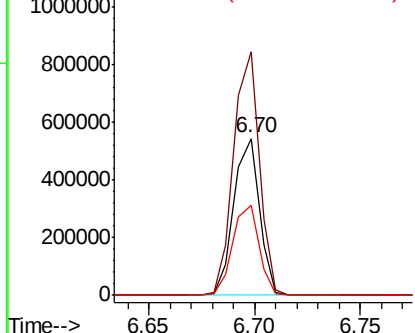
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tot Ion:152 Resp: 456687
Ion Ratio Lower Upper
152 100
150 155.1 124.4 186.6
115 57.8 48.7 73.1



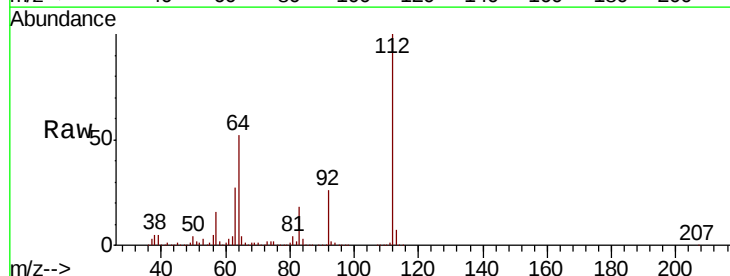
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



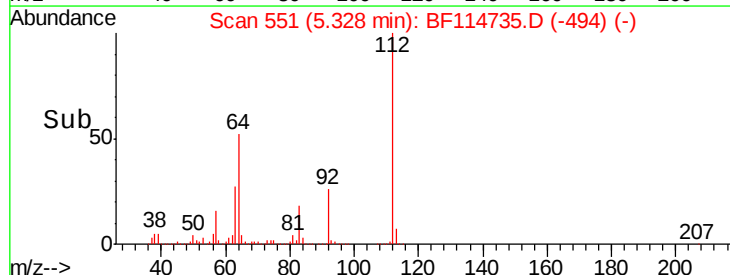
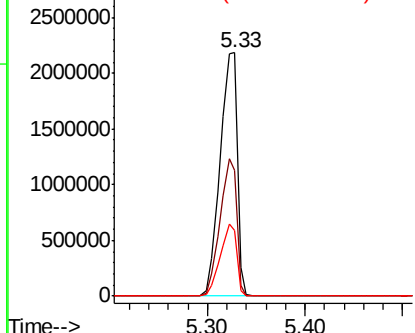
#5

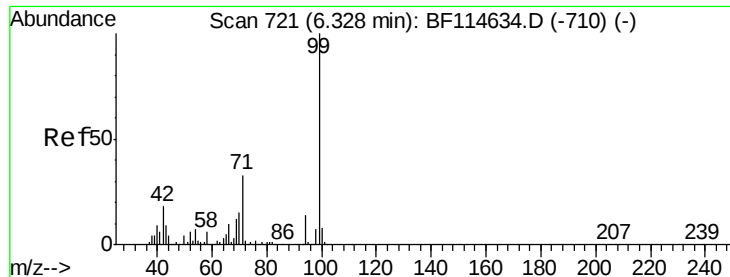
2-Fluorophenol
Concen: 103.235 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.04 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Tgt Ion:112 Resp: 2685314
Ion Ratio Lower Upper
112 100
64 51.9 46.1 69.1
63 27.2 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: 91.870 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

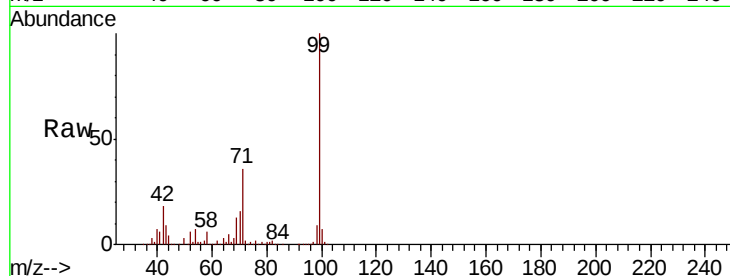
Tot Ion: 99 Resp: 2879649

Ion Ratio Lower Upper

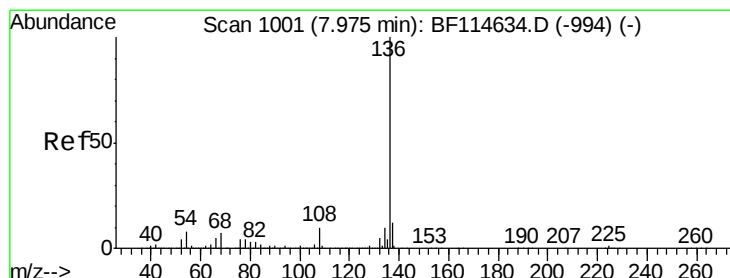
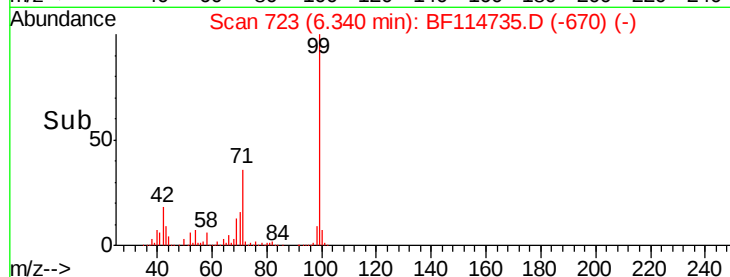
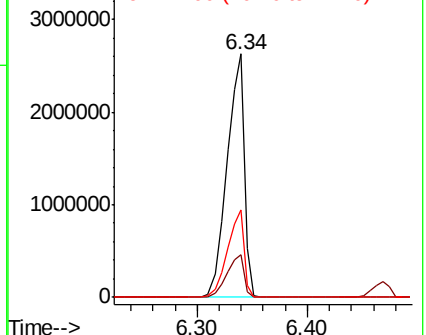
99 100

42 17.6 14.7 22.1

71 35.7 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: BF114735.D

Acq: 1 Jun 2019 4:06

Tgt Ion: 136 Resp: 1647273

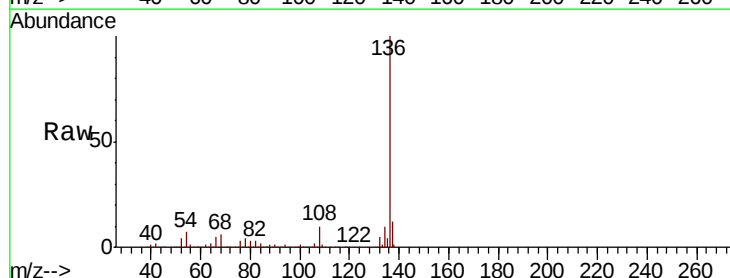
Ion Ratio Lower Upper

136 100

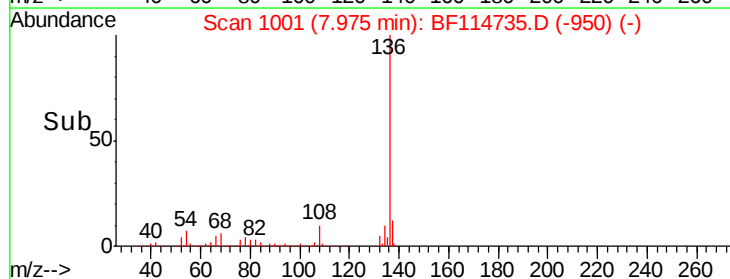
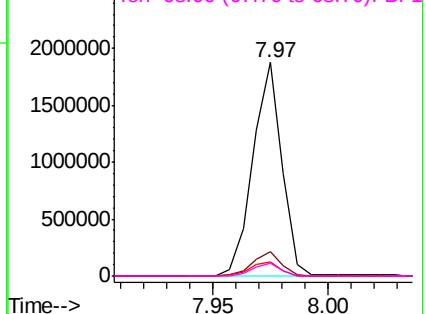
137 11.6 9.3 13.9

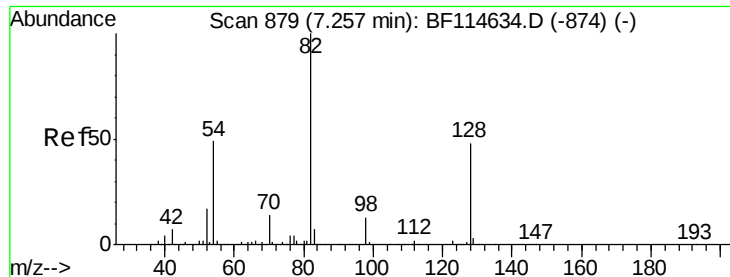
54 6.6 6.3 9.5

68 5.8 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

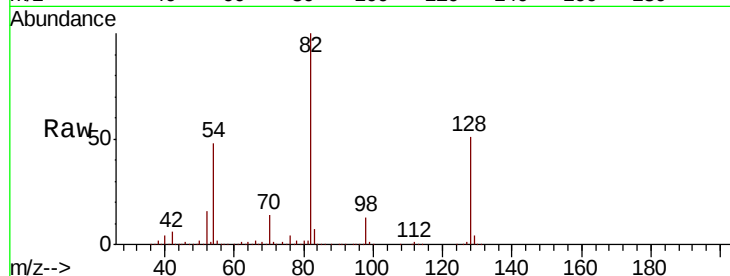




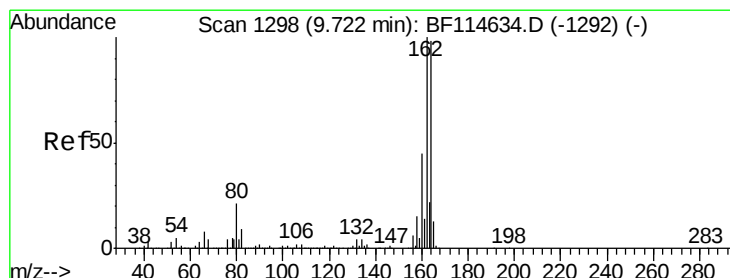
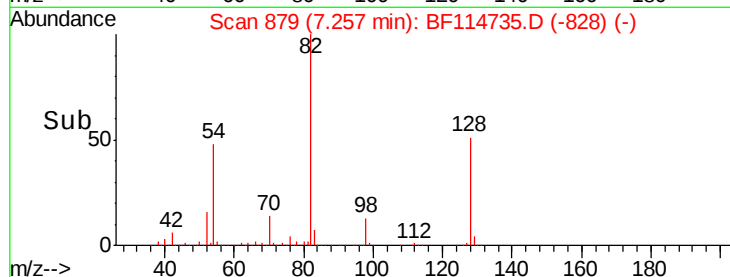
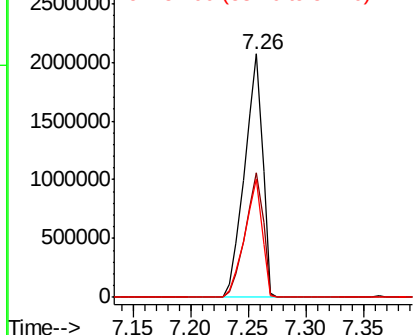
#23
 Nitrobenzene-d5
 Concen: 84.764 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114735.D
 Acq: 1 Jun 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tot Ion: 82 Resp: 2238049
 Ion Ratio Lower Upper
 82 100
 128 51.3 38.5 57.7
 54 48.5 39.1 58.7

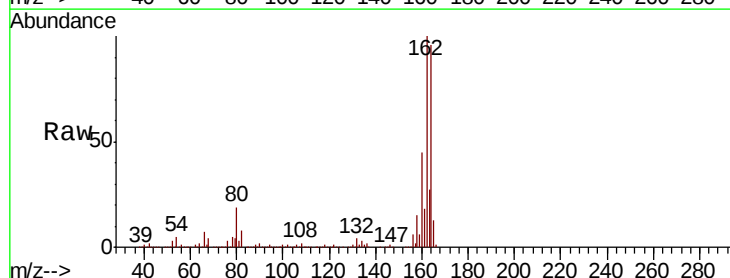


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

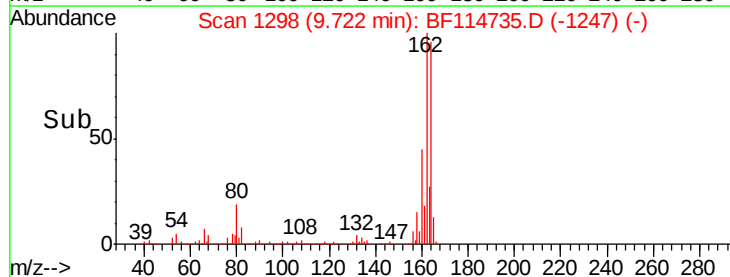
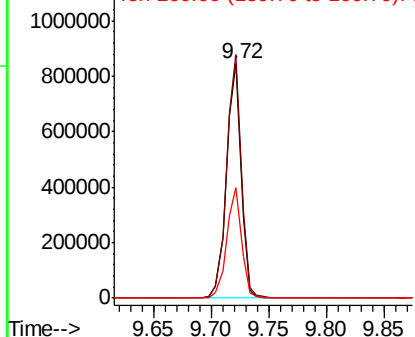


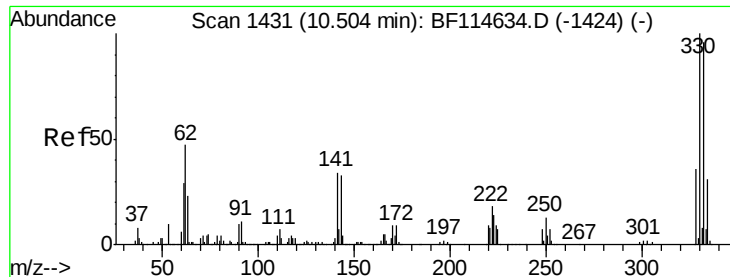
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF114735.D
 Acq: 1 Jun 2019 4:06

Tgt Ion: 164 Resp: 745601
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.2
 160 47.1 36.6 54.8



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

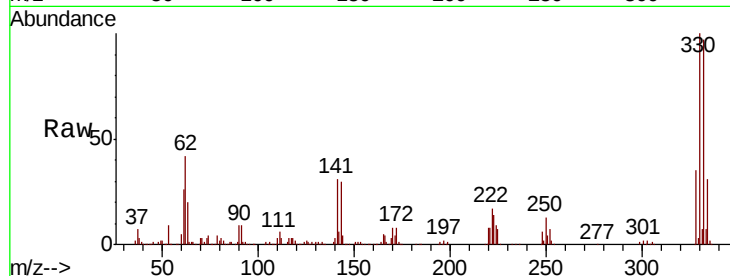




#42
 2,4,6-Tribromophenol
 Concen: 117.322 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114735.D
 Acq: 1 Jun 2019 4:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.8	113.8
141	32.1	27.8	41.8

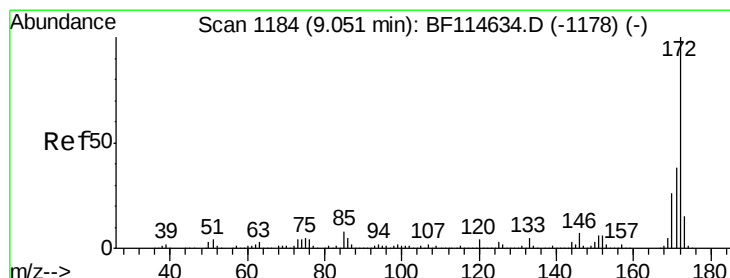
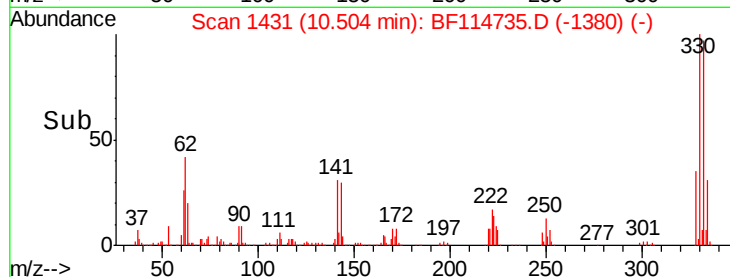
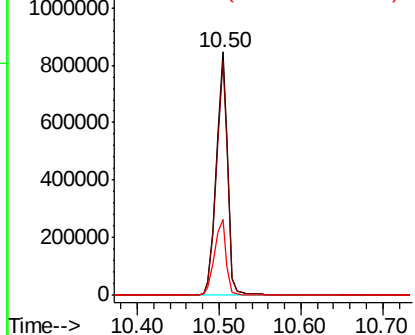


Abundance

Ion 329.80 (329.50 to 330.50): E

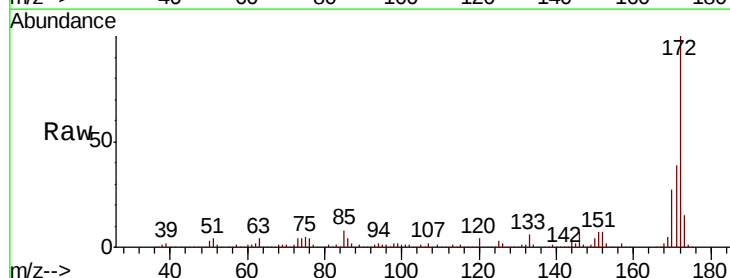
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.649 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114735.D
 Acq: 1 Jun 2019 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.6	45.8
170	27.0	20.7	31.1

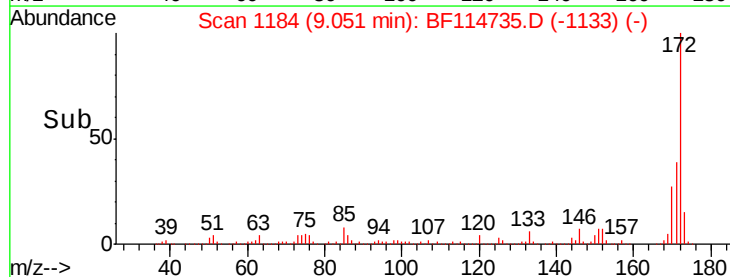
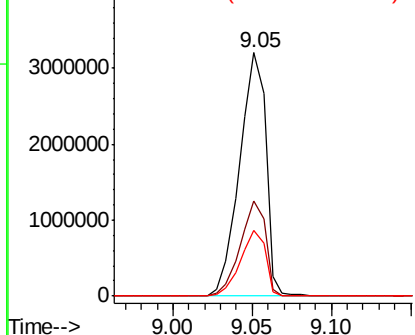


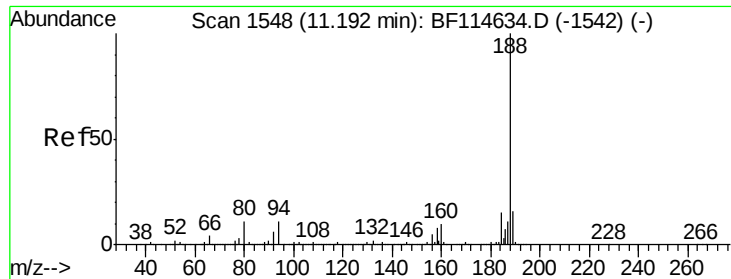
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

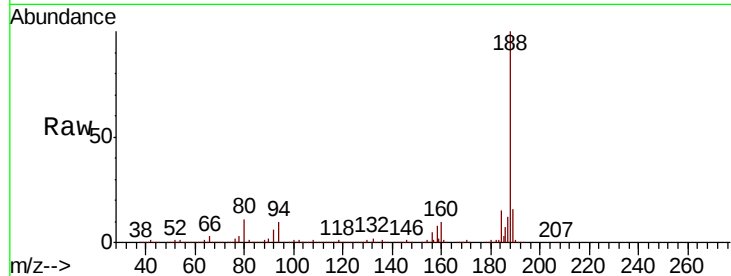
Tot Ion:188 Resp: 1218533

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

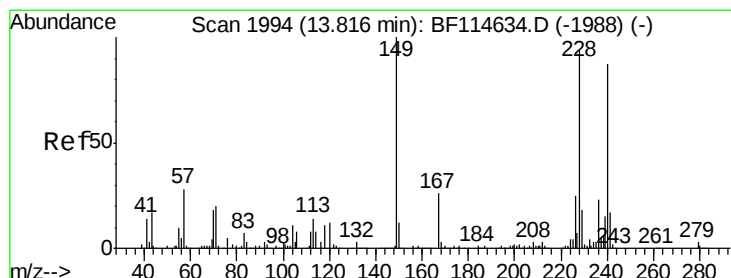
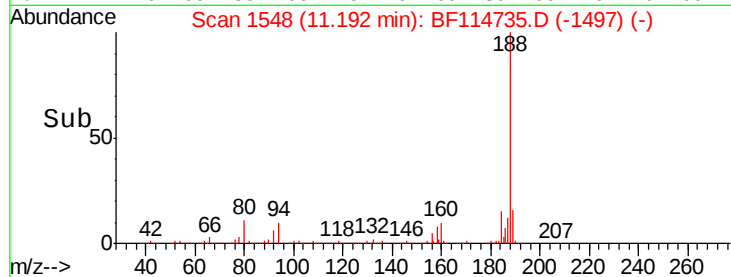
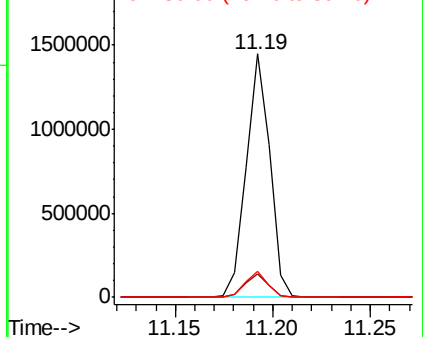
80 10.6 9.0 13.6



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

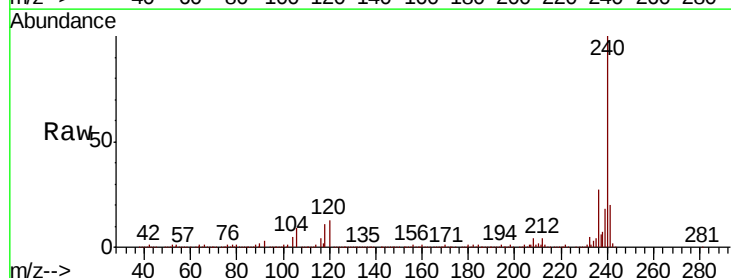
Tgt Ion:240 Resp: 819975

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

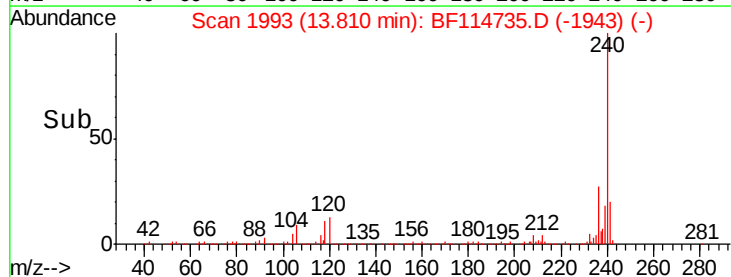
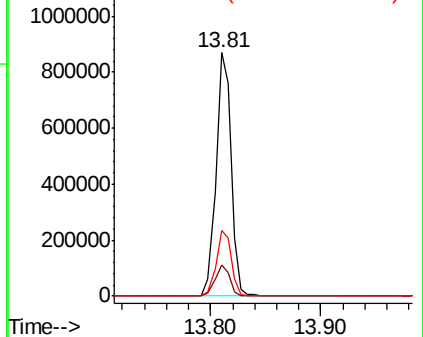
236 26.8 21.2 31.8

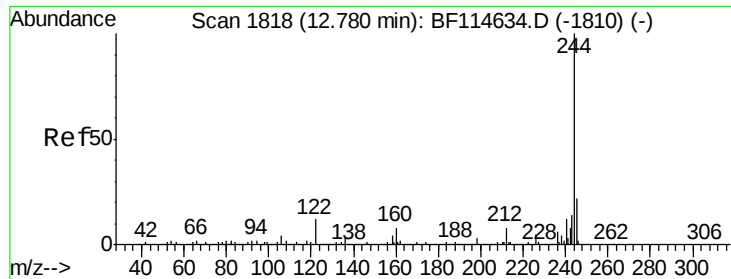


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.829 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

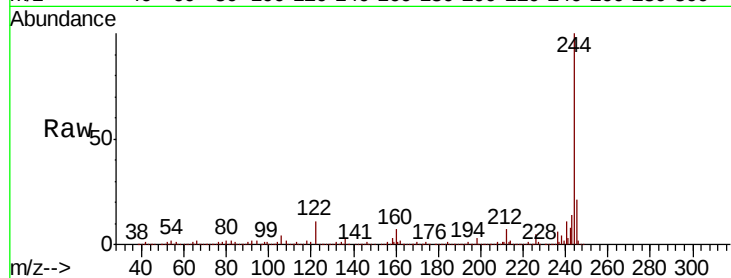
Tot Ion:244 Resp: 3132641

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

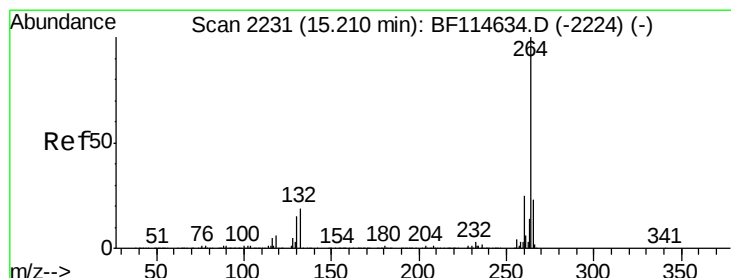
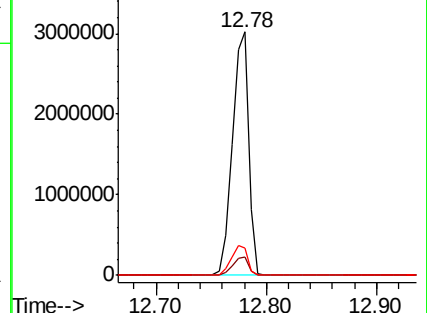
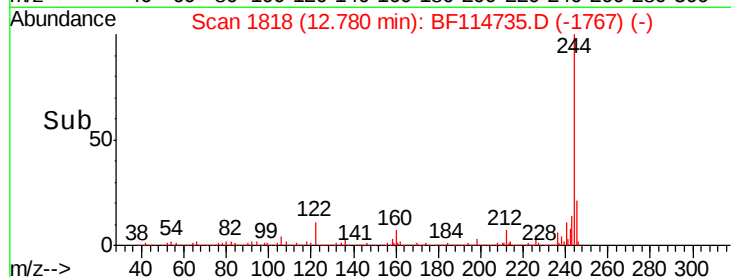
122 11.5 9.8 14.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

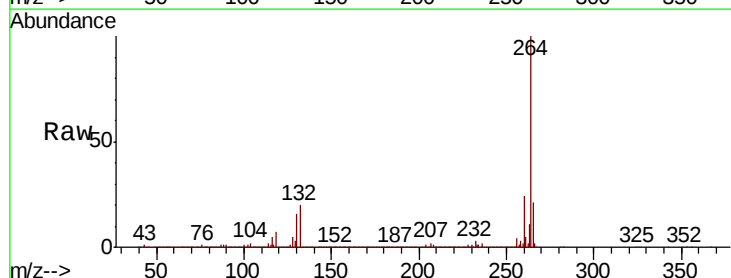
Tgt Ion:264 Resp: 746847

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 18.1 27.1



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

