

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114812.D
 Acq On : 5 Jun 2019 11:19
 Operator : HP/JU
 Sample : K3139-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Quant Time: Jun 05 12:25:22 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	6.66	152	492442	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1581661	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	819069	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1672951	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1447096	20.00	ng	0.00
87) Perylene-d12	15.16	264	1437085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2457320	87.19	ng	0.02
7) Phenol-d6	6.30	99	3128185	91.22	ng	0.00
23) Nitrobenzene-d5	7.23	82	2387781	92.93	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1106378	125.34	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3825436	87.49	ng	0.00
79) Terphenyl-d14	12.76	244	4716847	63.39	ng	0.00

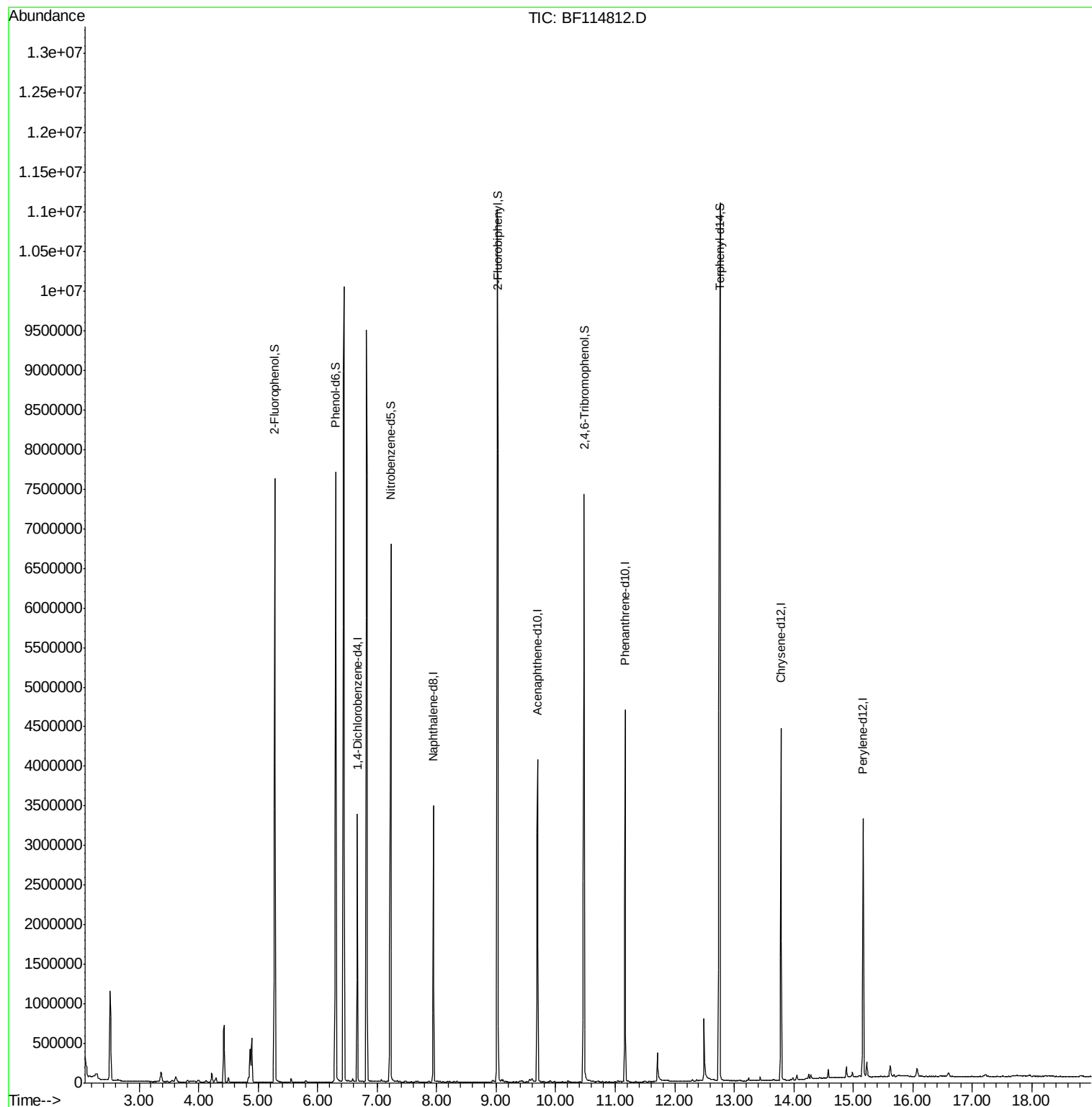
Target Compounds Qvalue

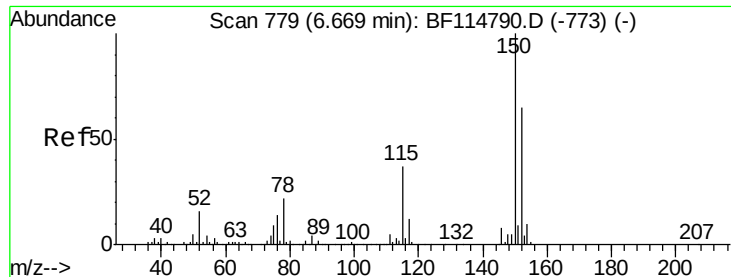
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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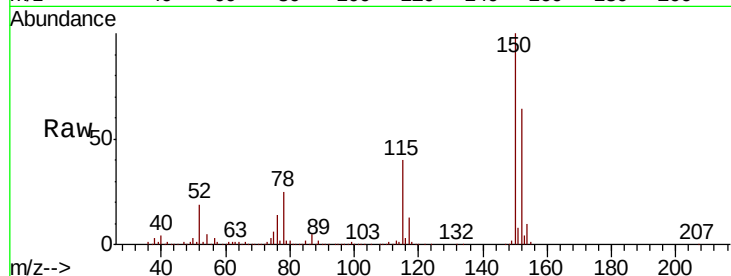


#1

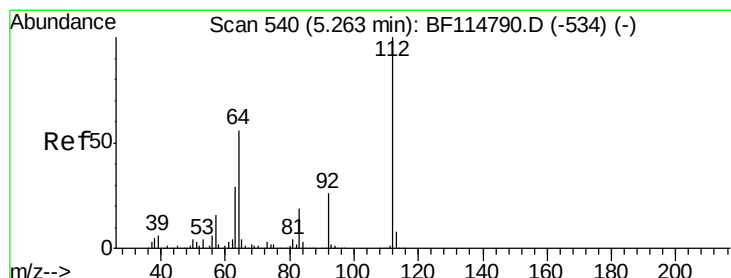
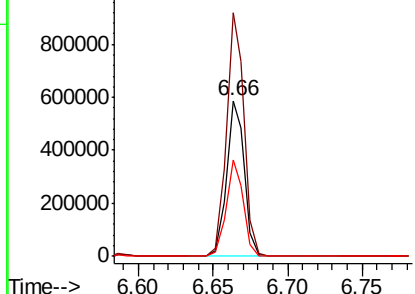
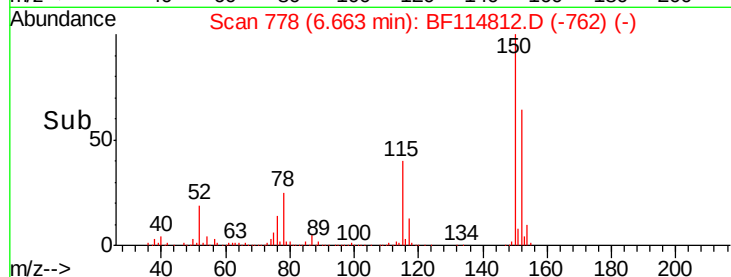
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tot Ion:152 Resp: 492442
Ion Ratio Lower Upper
152 100
150 156.6 124.0 186.0
115 62.2 46.3 69.5



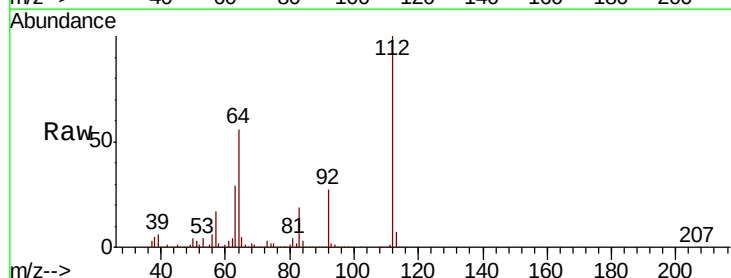
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



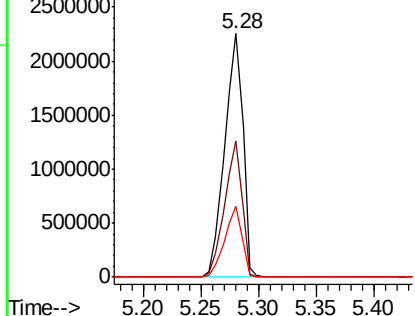
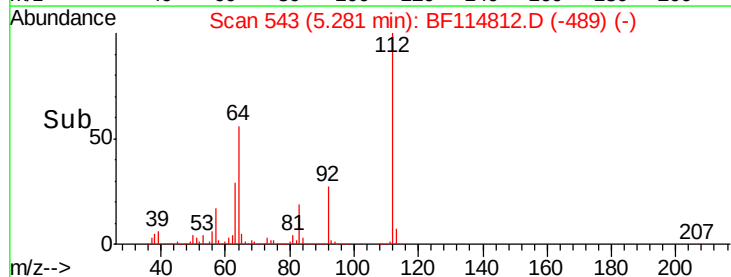
#5

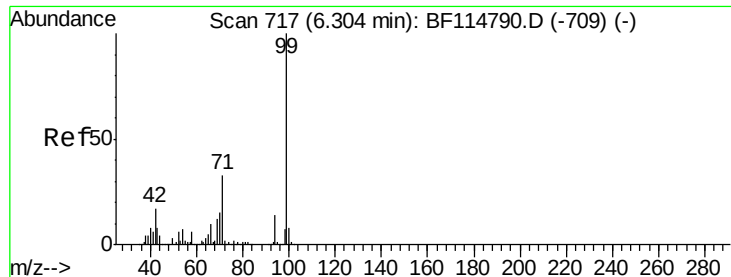
2-Fluorophenol
Concen: 87.194 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114812.D
Acq: 5 Jun 2019 11:19

Tgt Ion:112 Resp: 2457320
Ion Ratio Lower Upper
112 100
64 55.7 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: 91.222 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

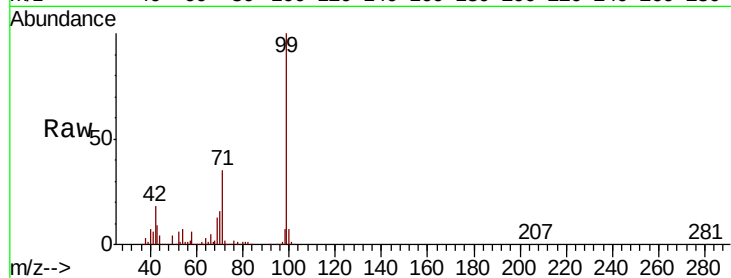
BNA_F

ClientSampleId :

TP-1A-D

Tot Ion: 99 Resp: 3128185

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.3	19.9
71	35.2	26.3	39.5

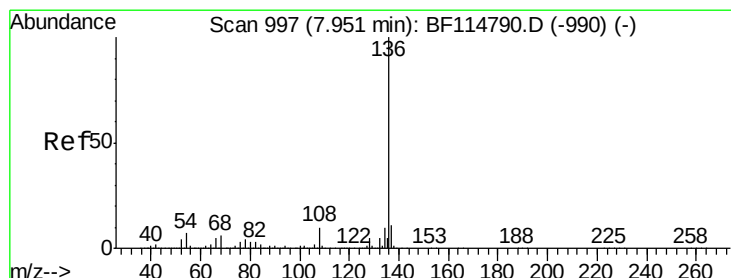
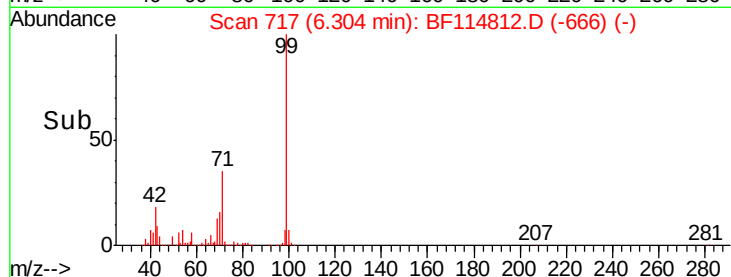
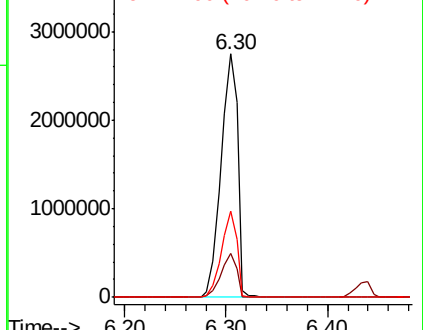


Abundance

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# 996

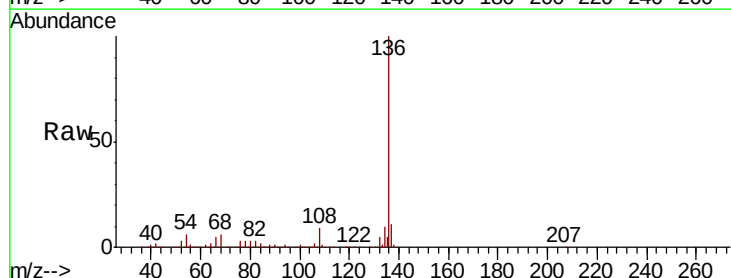
Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Tgt Ion: 136 Resp: 1581661

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.5	5.4	8.0
68	5.8	4.6	6.8



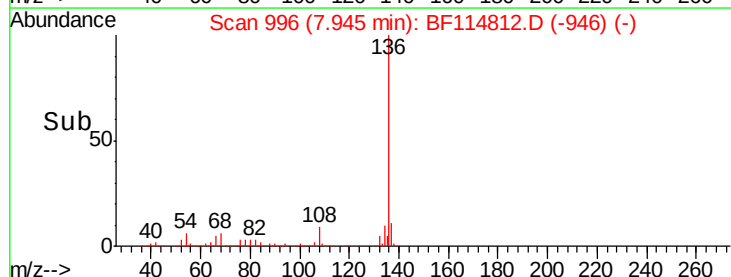
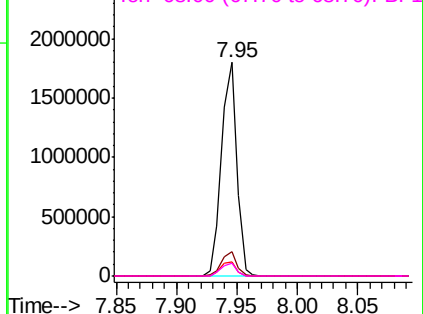
Abundance

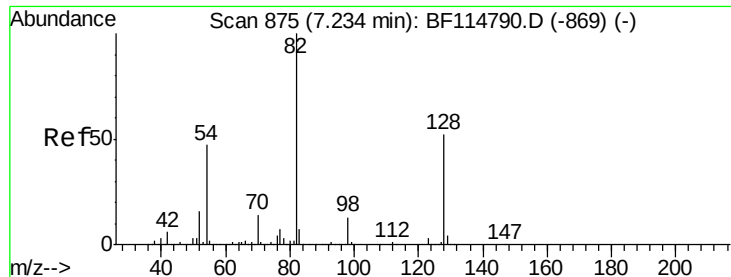
Ion 136.00 (135.70 to 136.70): E

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

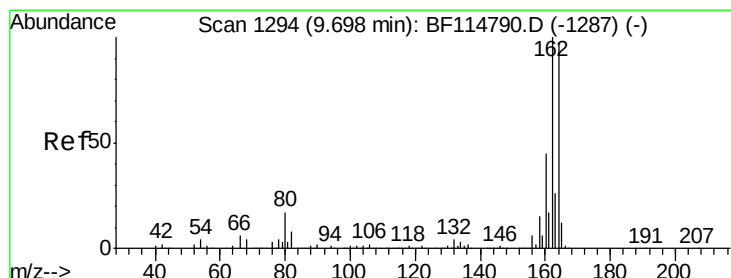
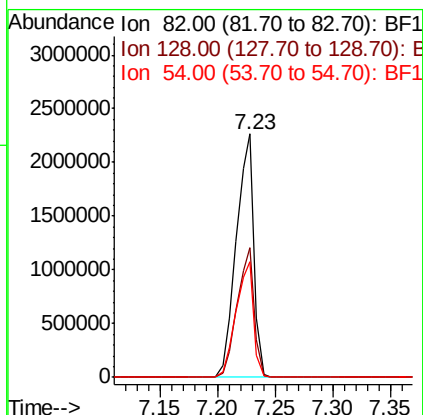
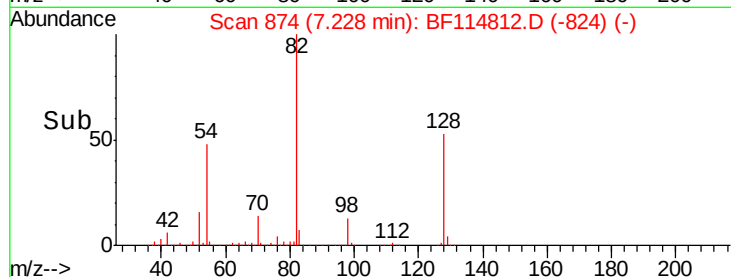
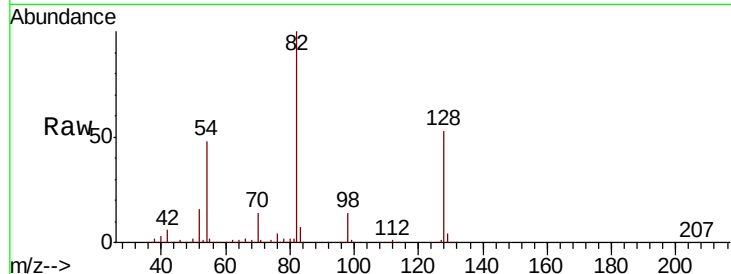




#23
 Nitrobenzene-d5
 Concen: 92.933 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

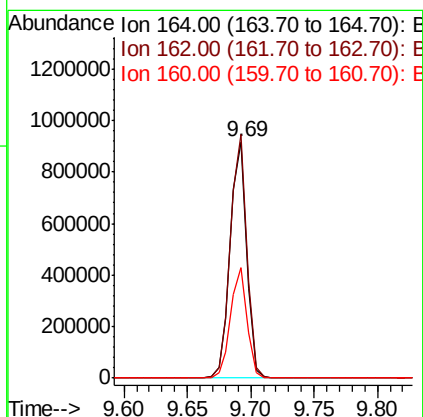
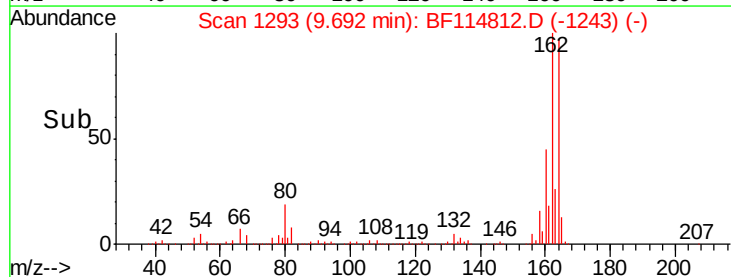
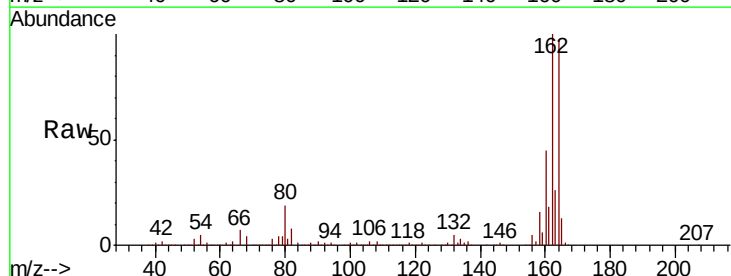
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

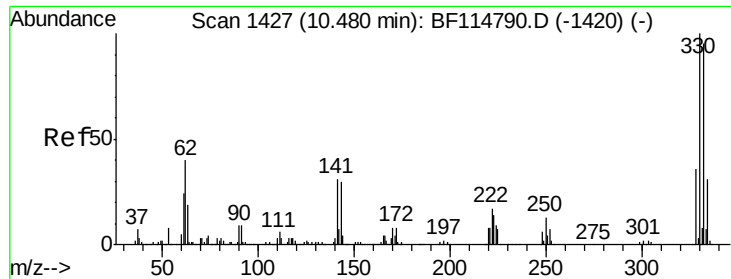
Tot Ion: 82 Resp: 2387781
 Ion Ratio Lower Upper
 82 100
 128 53.3 41.8 62.6
 54 47.7 37.9 56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

Tgt Ion: 164 Resp: 819069
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.3 123.5
 160 46.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 125.344 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

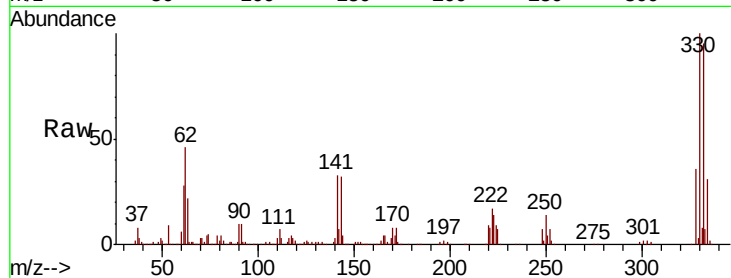
Tot Ion:330 Resp: 1106378

Ion Ratio Lower Upper

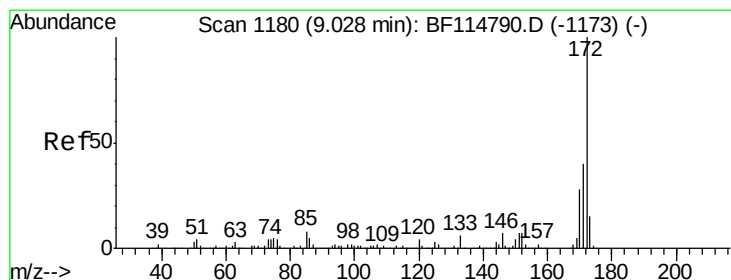
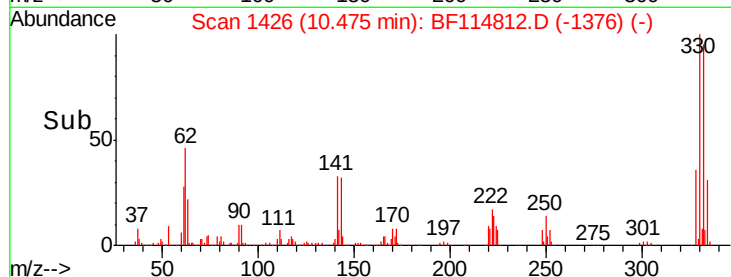
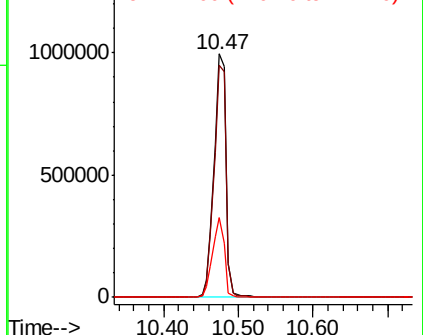
330 100

332 95.5 77.3 115.9

141 32.3 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: 87.491 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

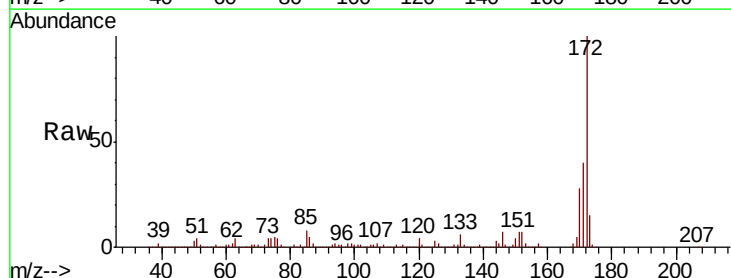
Tgt Ion:172 Resp: 3825436

Ion Ratio Lower Upper

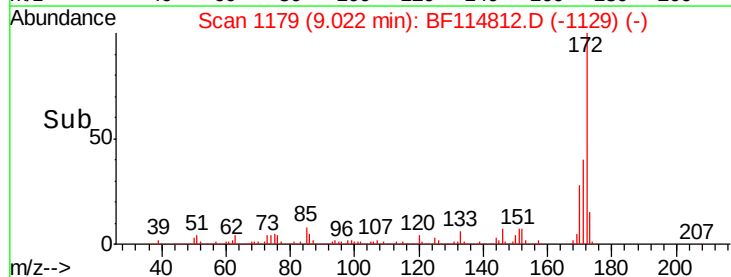
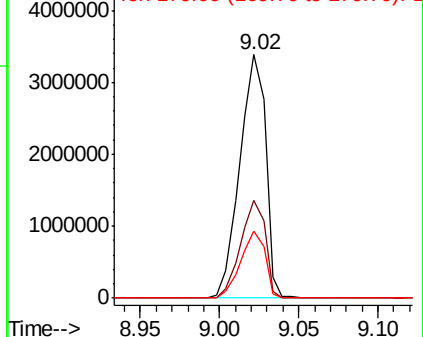
172 100

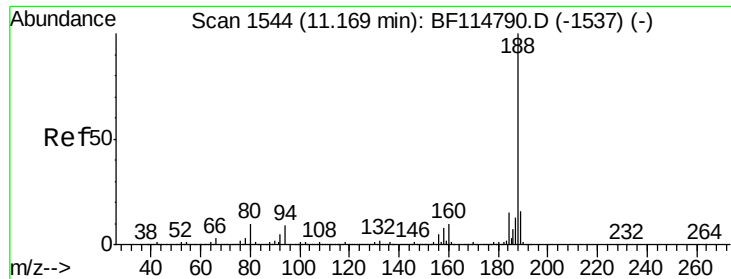
171 40.2 32.3 48.5

170 27.5 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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

TP-1A-D

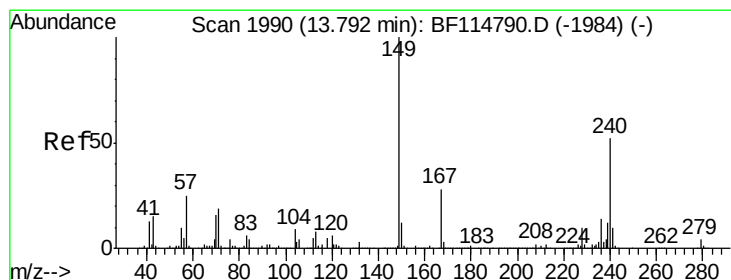
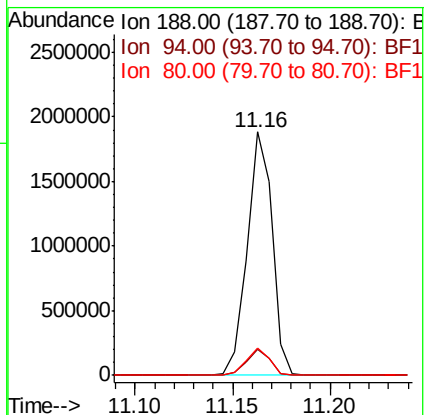
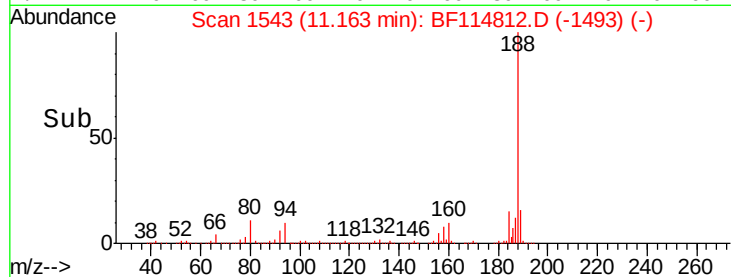
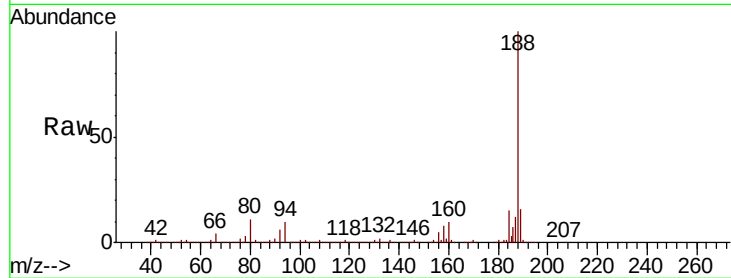
Tot Ion:188 Resp: 1672951

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

80 11.1 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114812.D

Acq: 5 Jun 2019 11:19

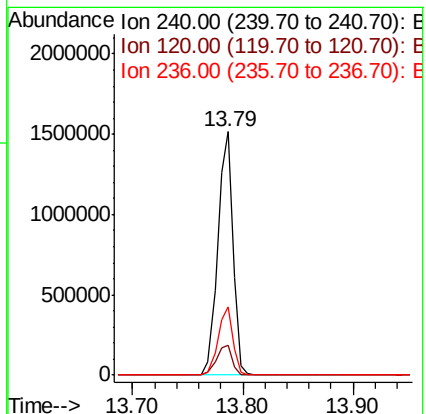
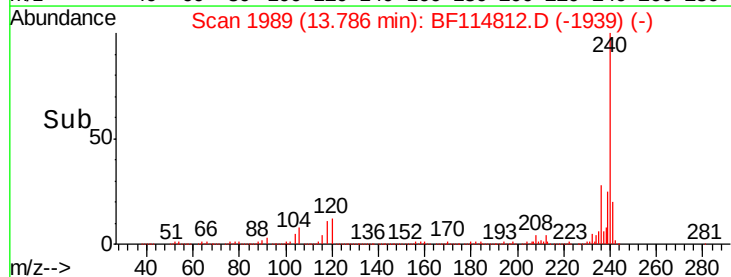
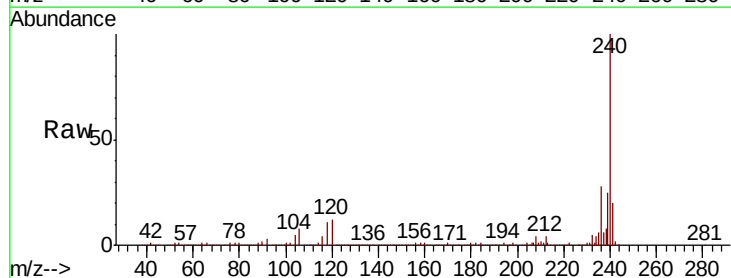
Tgt Ion:240 Resp: 1447096

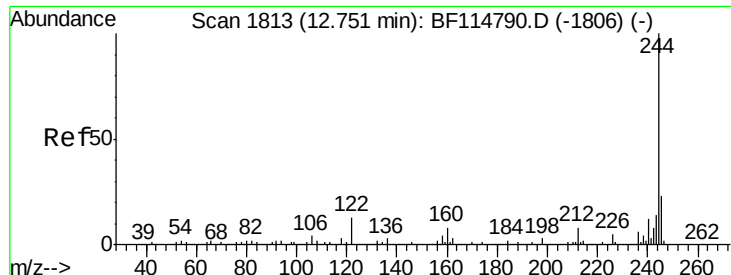
Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

236 28.0 21.4 32.0

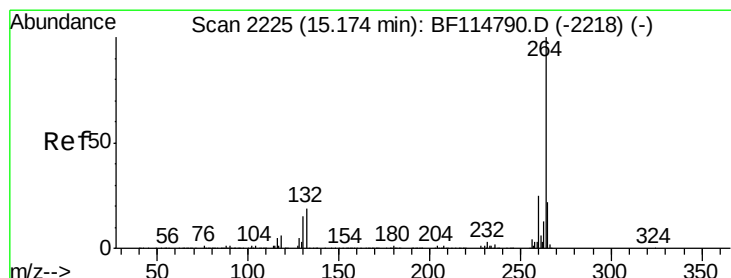
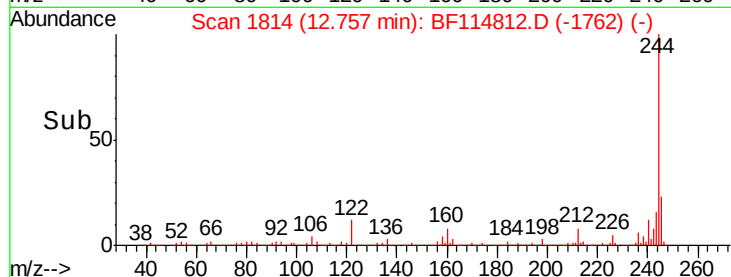
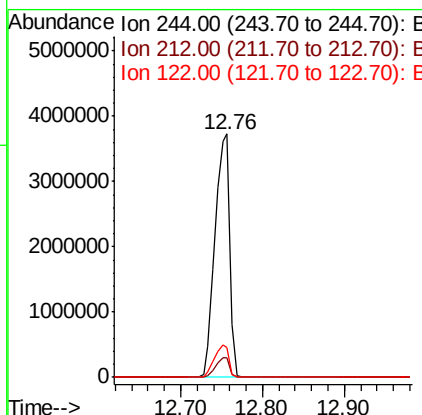
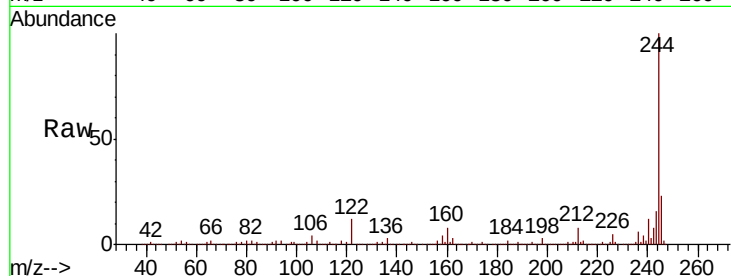




#79
 Terphenyl-d14
 Concen: 63.390 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tot Ion:244 Resp: 4716847
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 12.3 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF114812.D
 Acq: 5 Jun 2019 11:19

Tgt Ion:264 Resp: 1437085
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.3 17.7 26.5

