

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114956.D
 Acq On : 11 Jun 2019 21:08
 Operator : HP/JU
 Sample : K3163-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-A

Quant Time: Jun 12 05:14:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

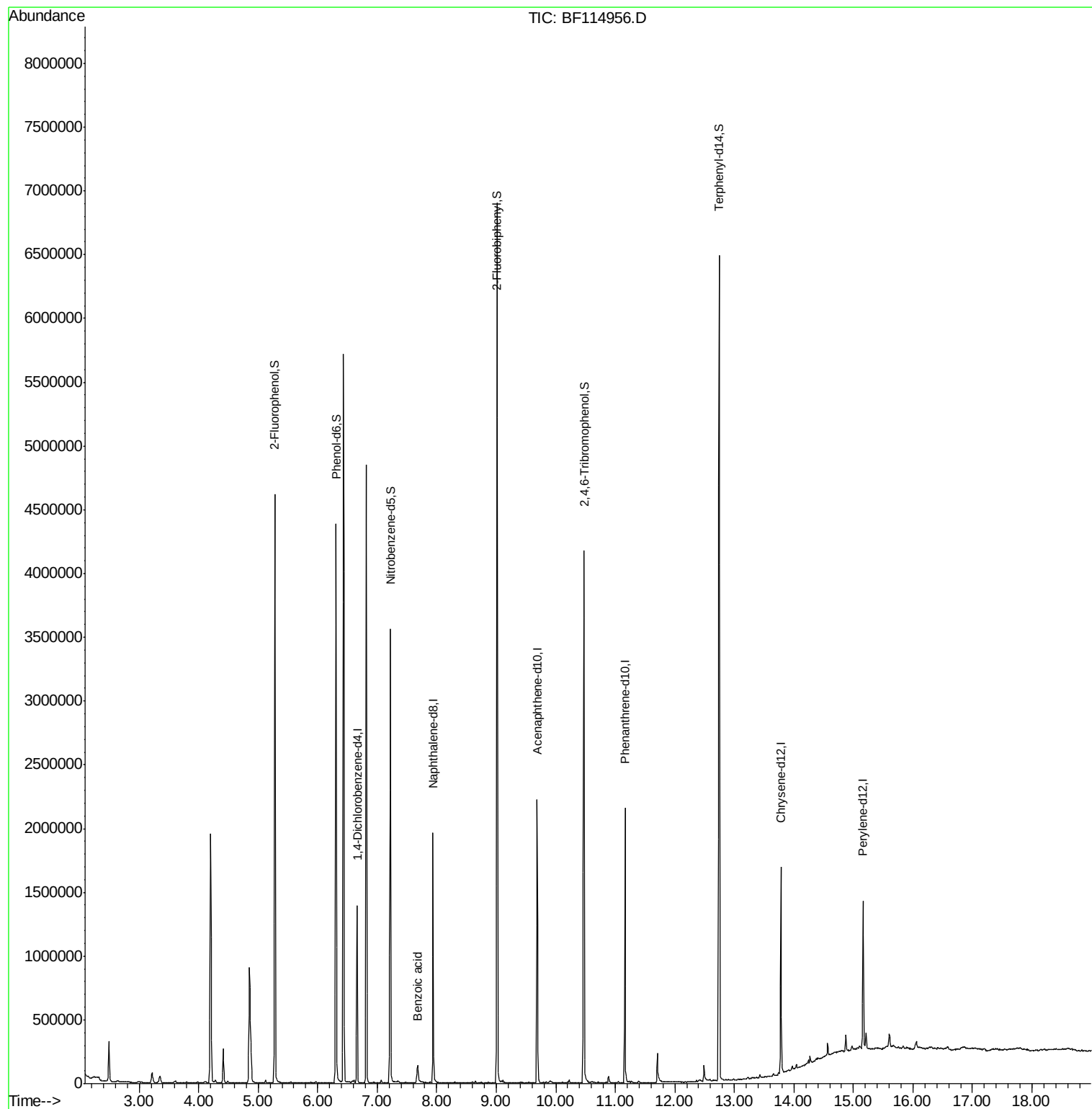
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	225588	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	852267	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	411816	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	755224	20.00	ng	0.00
76) Chrysene-d12	13.78	240	540533	20.00	ng	-0.01
87) Perylene-d12	15.16	264	505642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1499133	112.47	ng	0.01
7) Phenol-d6	6.31	99	1642913	102.19	ng	0.00
23) Nitrobenzene-d5	7.22	82	1243998	89.68	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	563851	125.87	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2283663	88.01	ng	0.00
79) Terphenyl-d14	12.74	244	2307313	84.89	ng	0.00
Target Compounds						
32) Benzoic acid	7.68	122	54262	6.192	ng	Qvalue 95

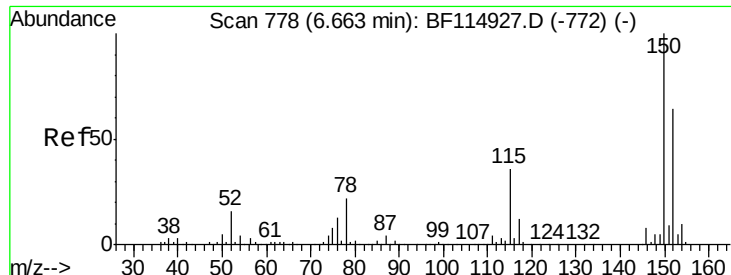
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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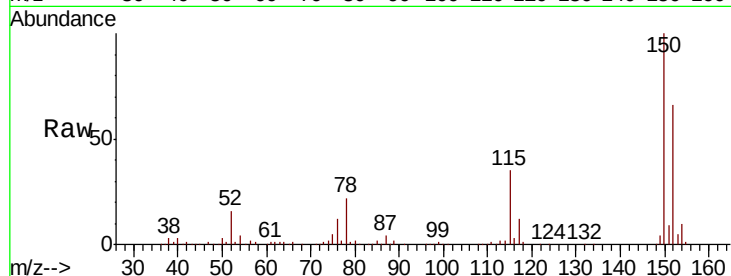


#1

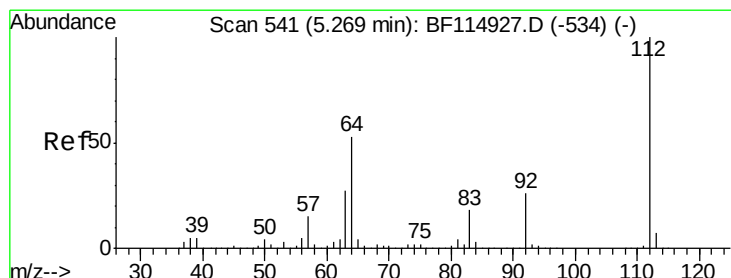
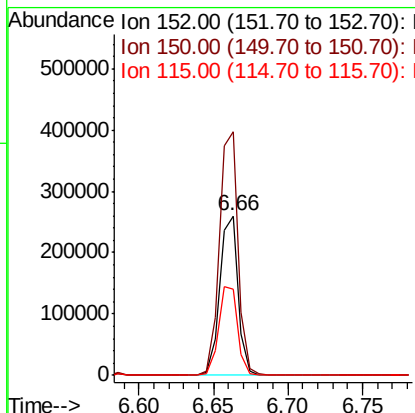
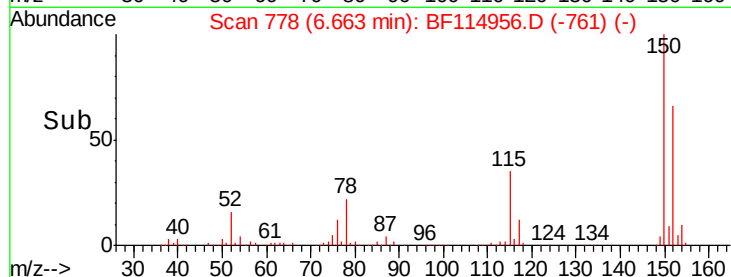
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tot Ion:152 Resp: 225588
Ion Ratio Lower Upper
152 100
150 152.5 125.2 187.8
115 54.1 45.0 67.4



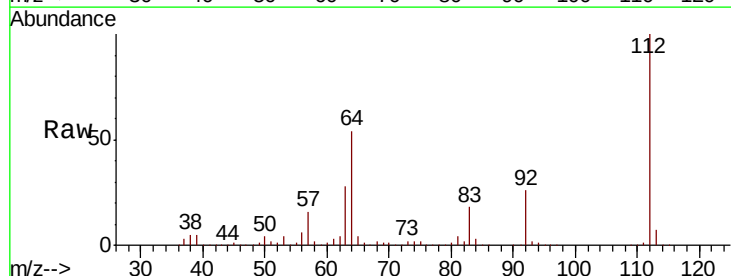
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



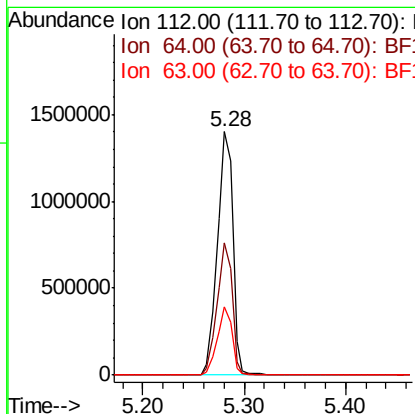
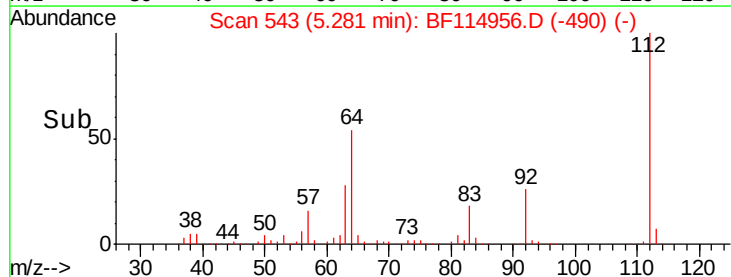
#5

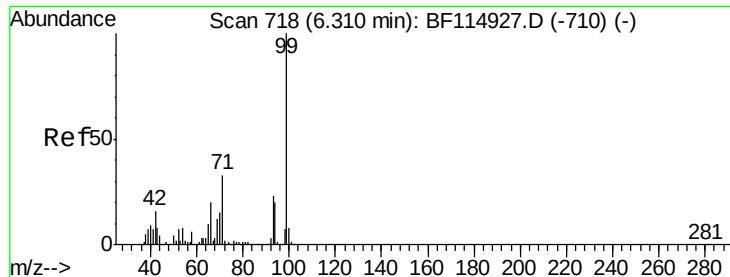
2-Fluorophenol
Concen: 112.469 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:112 Resp: 1499133
Ion Ratio Lower Upper
112 100
64 54.4 42.1 63.1
63 28.0 21.8 32.8



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: 102.186 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_F

ClientSampleId :

SU-04-060719-A

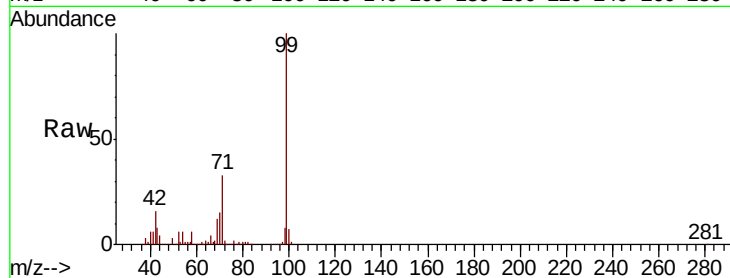
Tot Ion: 99 Resp: 1642913

Ion Ratio Lower Upper

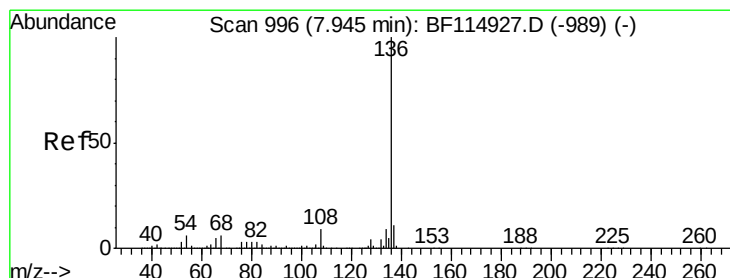
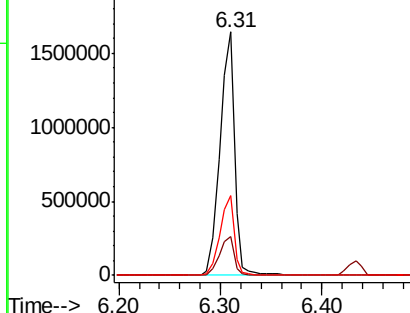
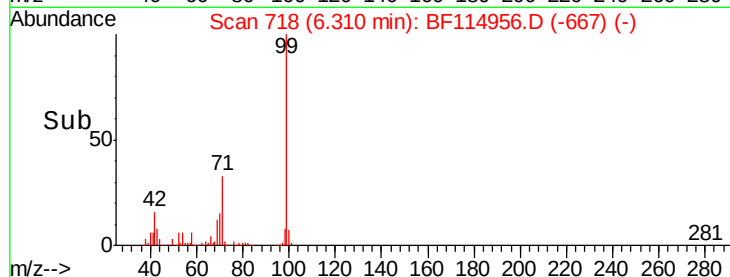
99 100

42 15.8 13.1 19.7

71 32.8 26.8 40.2



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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114956.D

Acq: 11 Jun 2019 21:08

Tgt Ion: 136 Resp: 852267

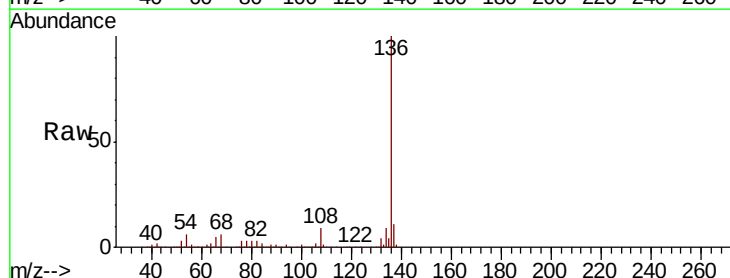
Ion Ratio Lower Upper

136 100

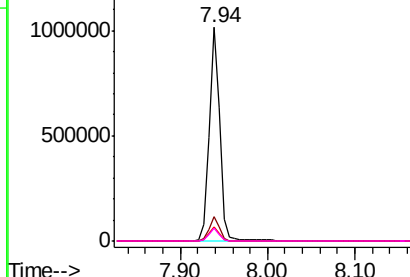
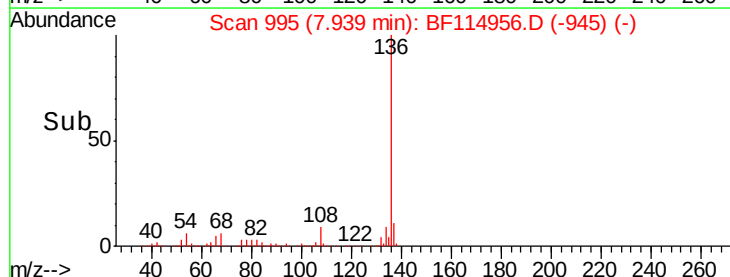
137 11.4 9.0 13.6

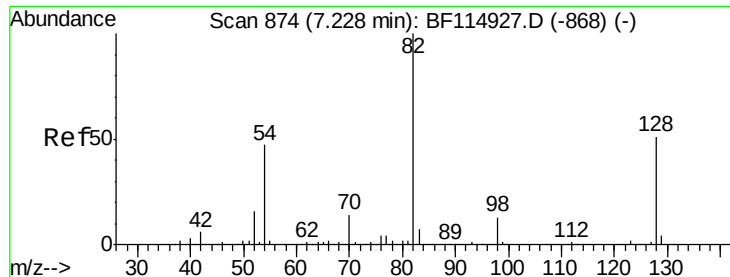
54 6.5 5.2 7.8

68 6.0 4.6 7.0



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



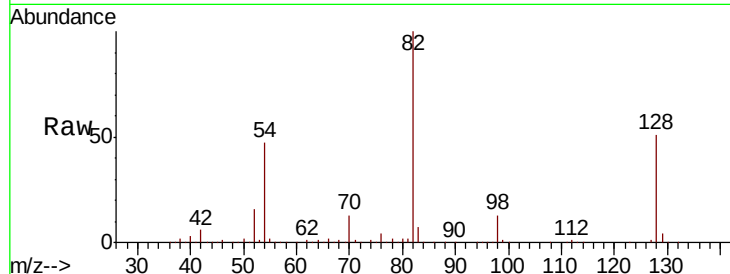


#23
 Nitrobenzene-d5
 Concen: 89.683 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

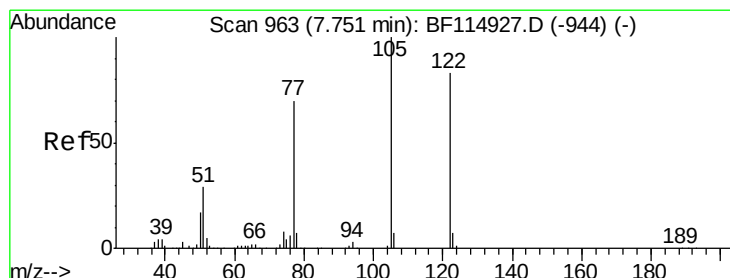
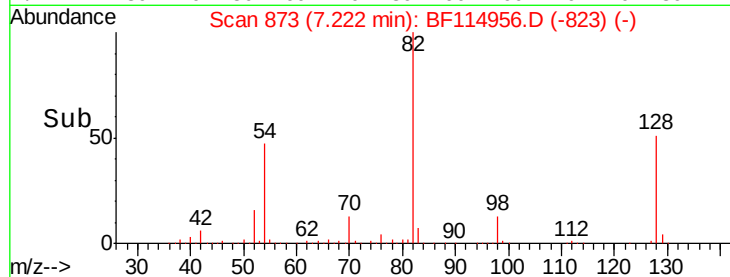
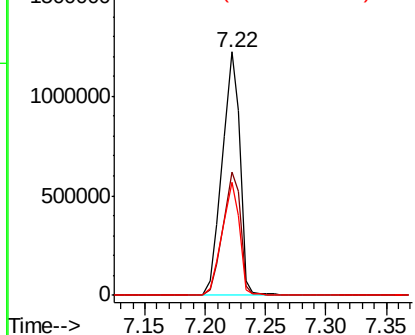
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-A

Tot Ion: 82 Resp: 1243998

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.9	61.3
54	46.6	37.4	56.0



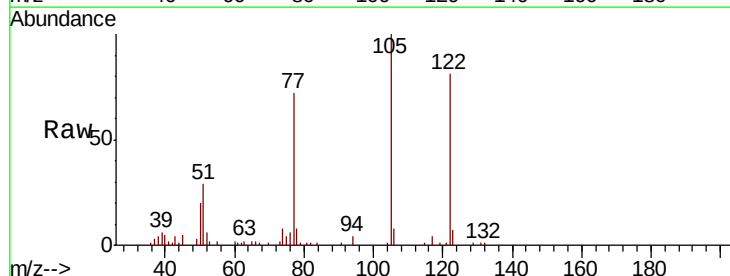
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



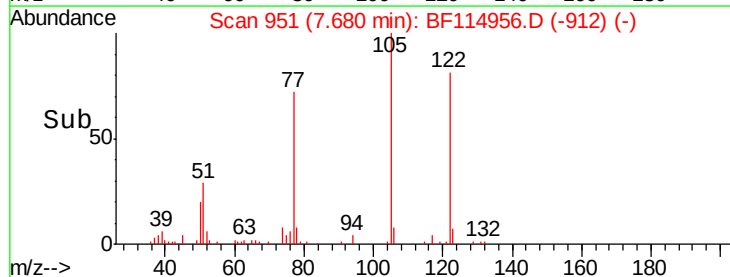
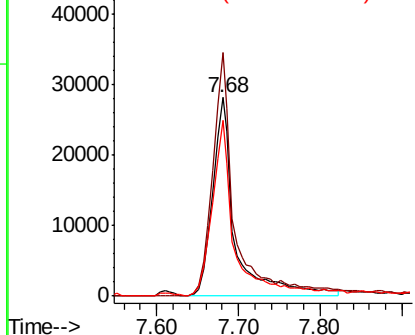
#32
 Benzoic acid
 Concen: 6.192 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.07 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

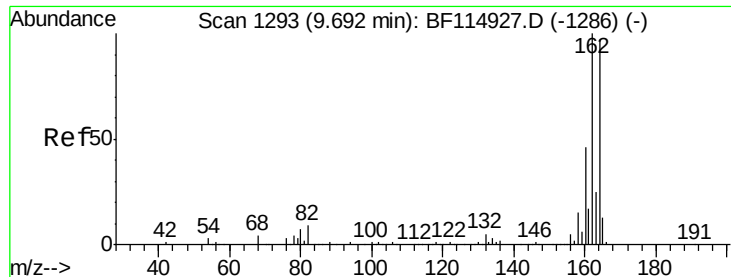
Tgt Ion: 122 Resp: 54262

Ion	Ratio	Lower	Upper
122	100		
105	122.7	97.7	137.7
77	88.5	63.0	103.0



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

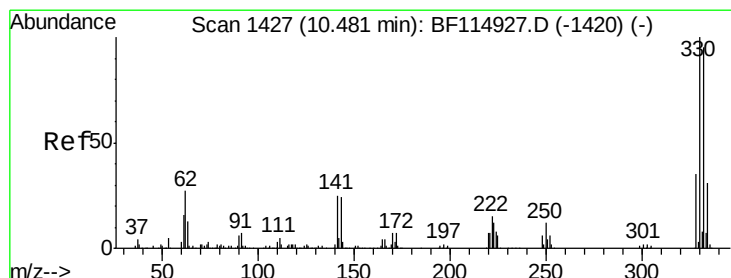
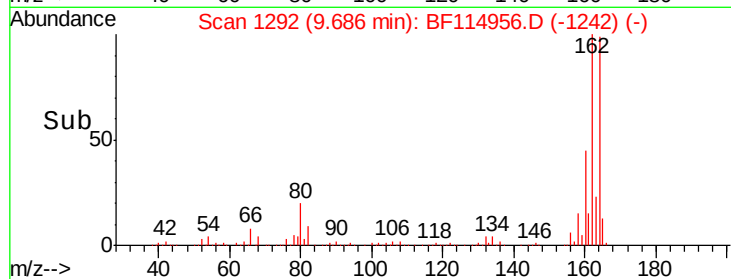
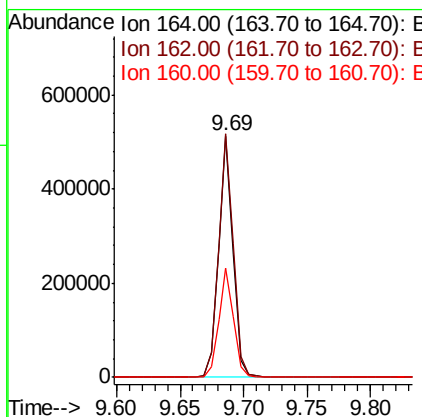
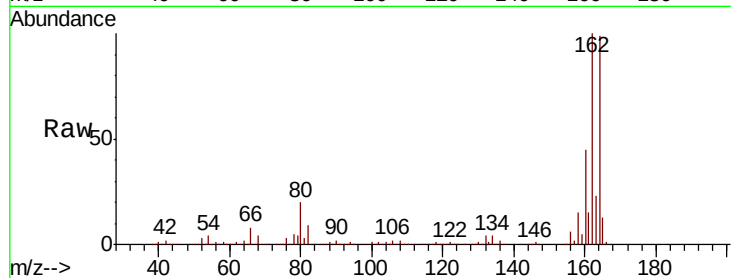




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

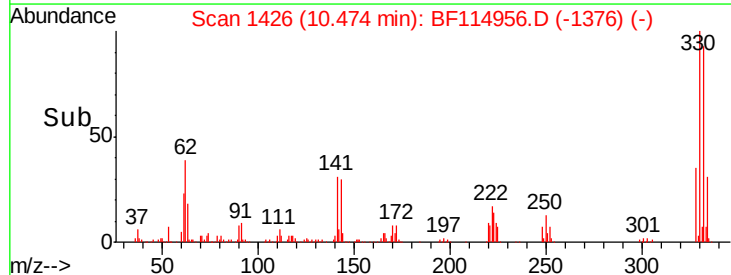
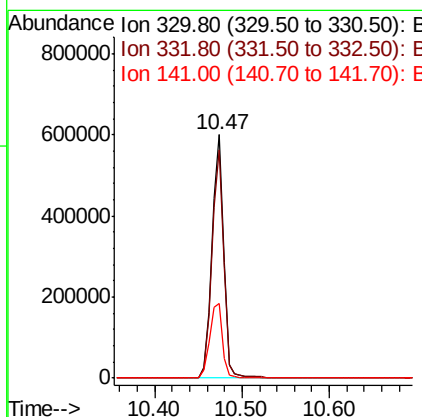
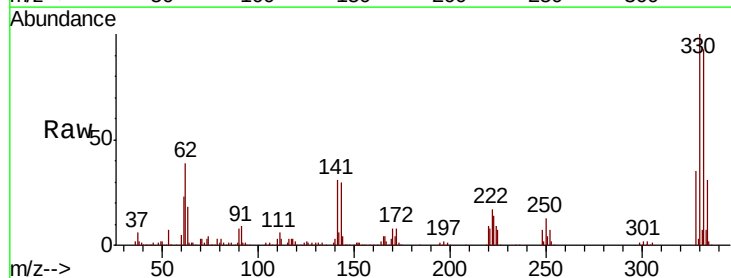
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-A

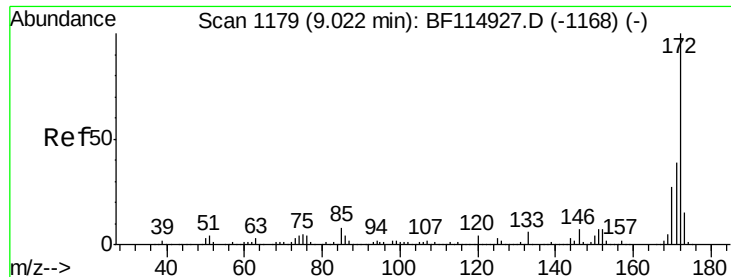
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	45.1	37.5	56.3



#42
 2,4,6-Tribromophenol
 Concen: 125.866 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114956.D
 Acq: 11 Jun 2019 21:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	33.6	26.8	40.2

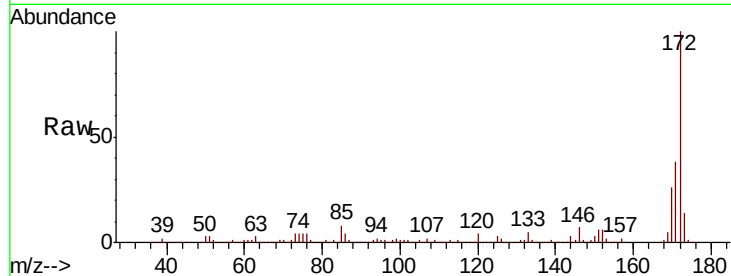




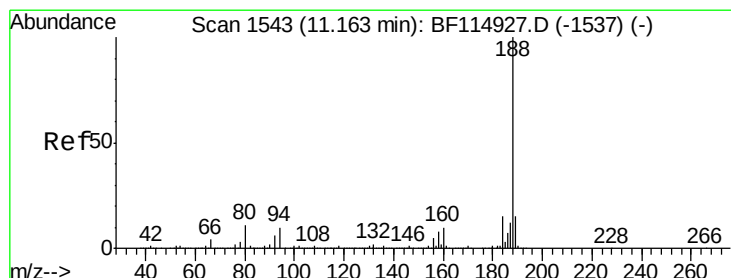
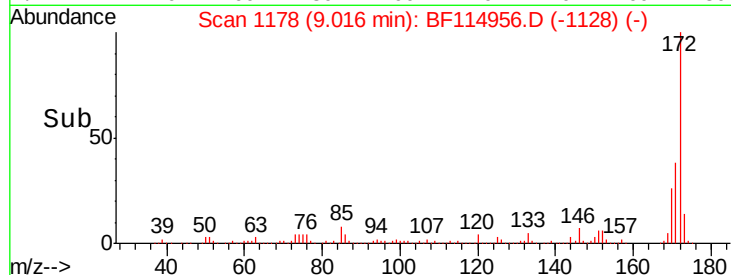
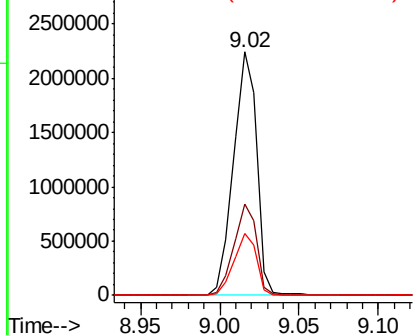
#45
2-Fluorobiphenyl
Concen: 88.008 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tot Ion:172 Resp: 2283663
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.7 21.4 32.0

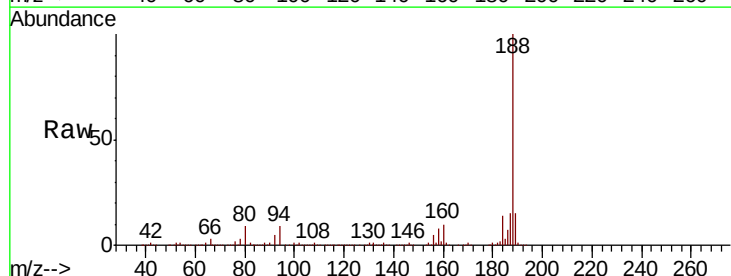


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

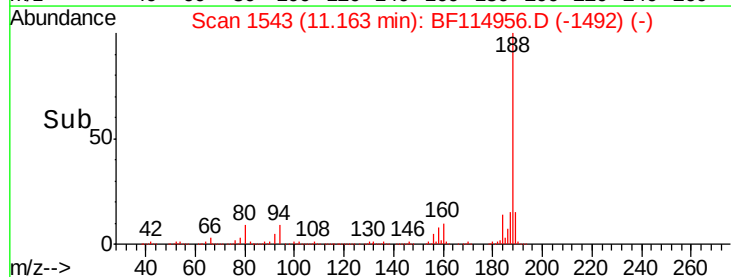
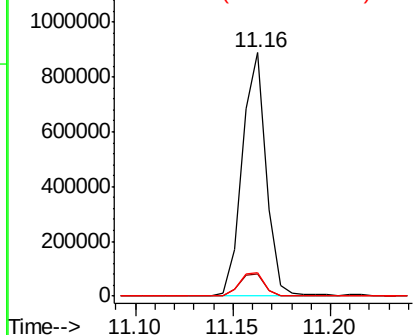


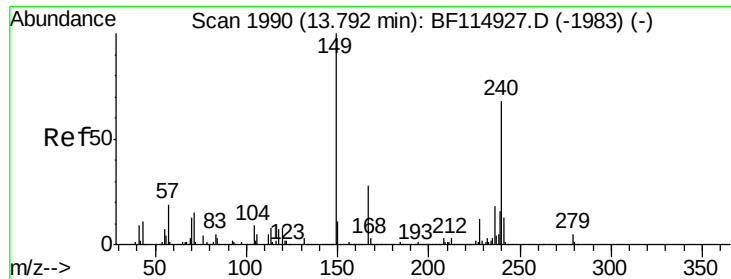
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:188 Resp: 755224
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 9.5 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BF1
1000000 Ion 80.00 (79.70 to 80.70): BF1

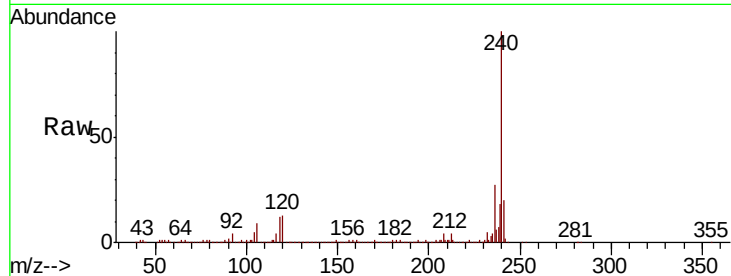




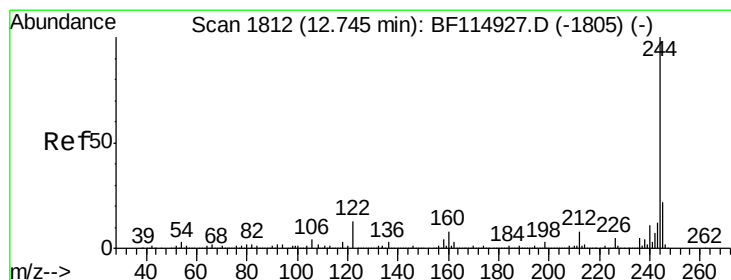
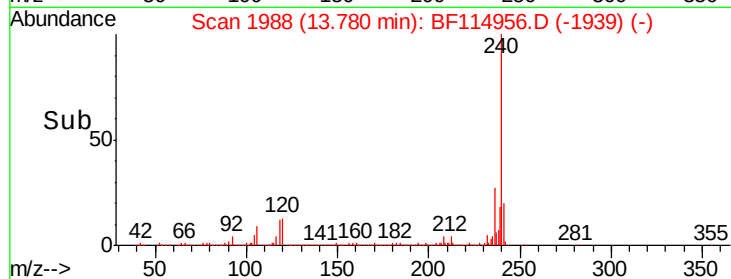
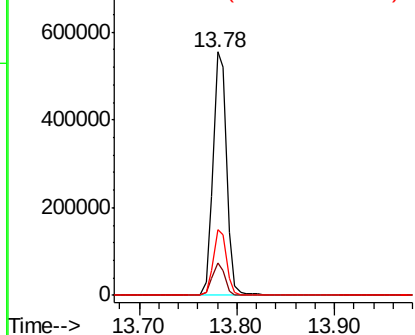
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tot Ion:240 Resp: 540533
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 27.2 21.7 32.5

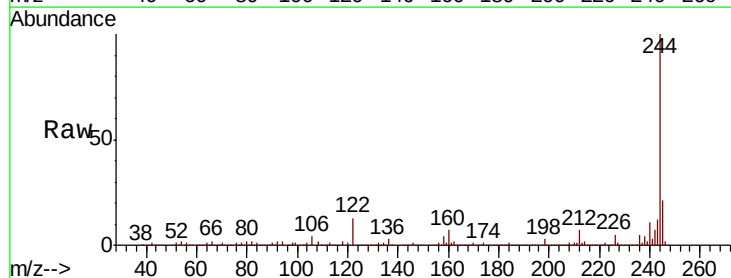


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

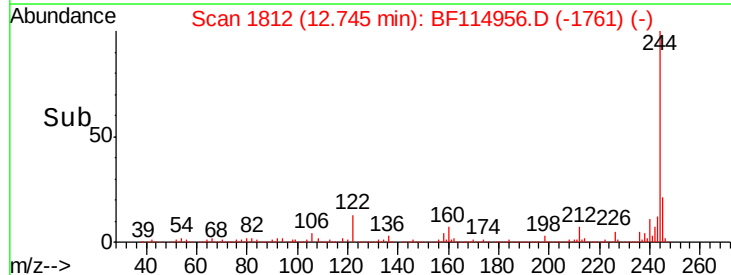
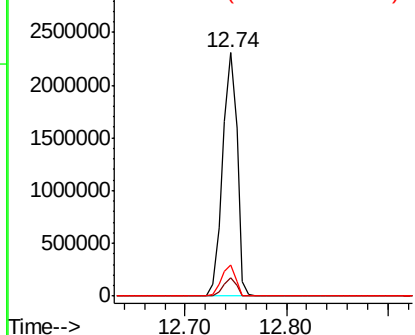


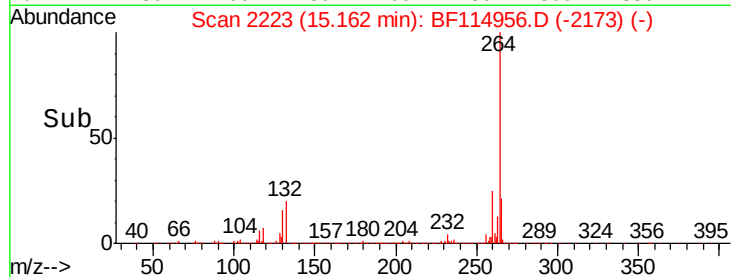
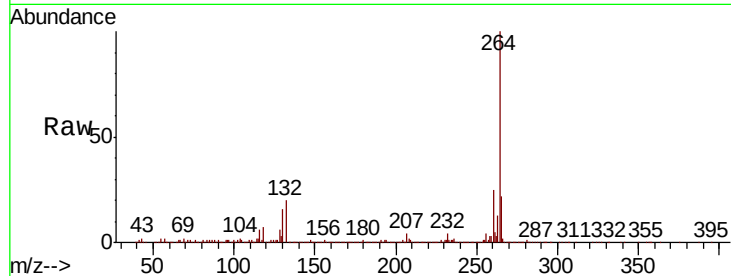
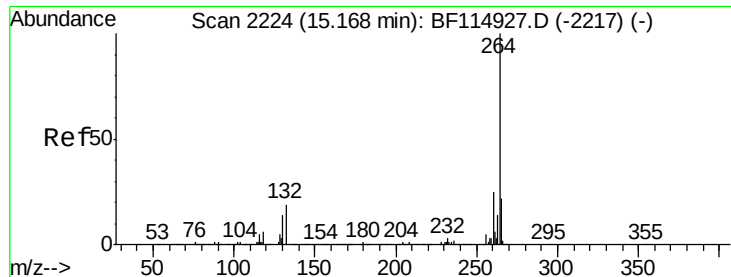
#79
Terphenyl-d14
Concen: 84.890 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Tgt Ion:244 Resp: 2307313
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 12.5 10.2 15.4



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: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114956.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.5	26.3

