

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114813.D
 Acq On : 5 Jun 2019 11:45
 Operator : HP/JU
 Sample : K2641-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

Quant Time: Jun 05 12:26:44 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	448072	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1714240	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	882838	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1798951	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1583194	20.00	ng	0.00
87) Perylene-d12	15.17	264	1597620	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2556744	99.71	ng	0.02
7) Phenol-d6	6.30	99	2754596	88.28	ng	0.00
23) Nitrobenzene-d5	7.23	82	2220189	79.73	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1133065	119.09	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3883374	82.40	ng	0.00
79) Terphenyl-d14	12.75	244	4773892	58.64	ng	0.00

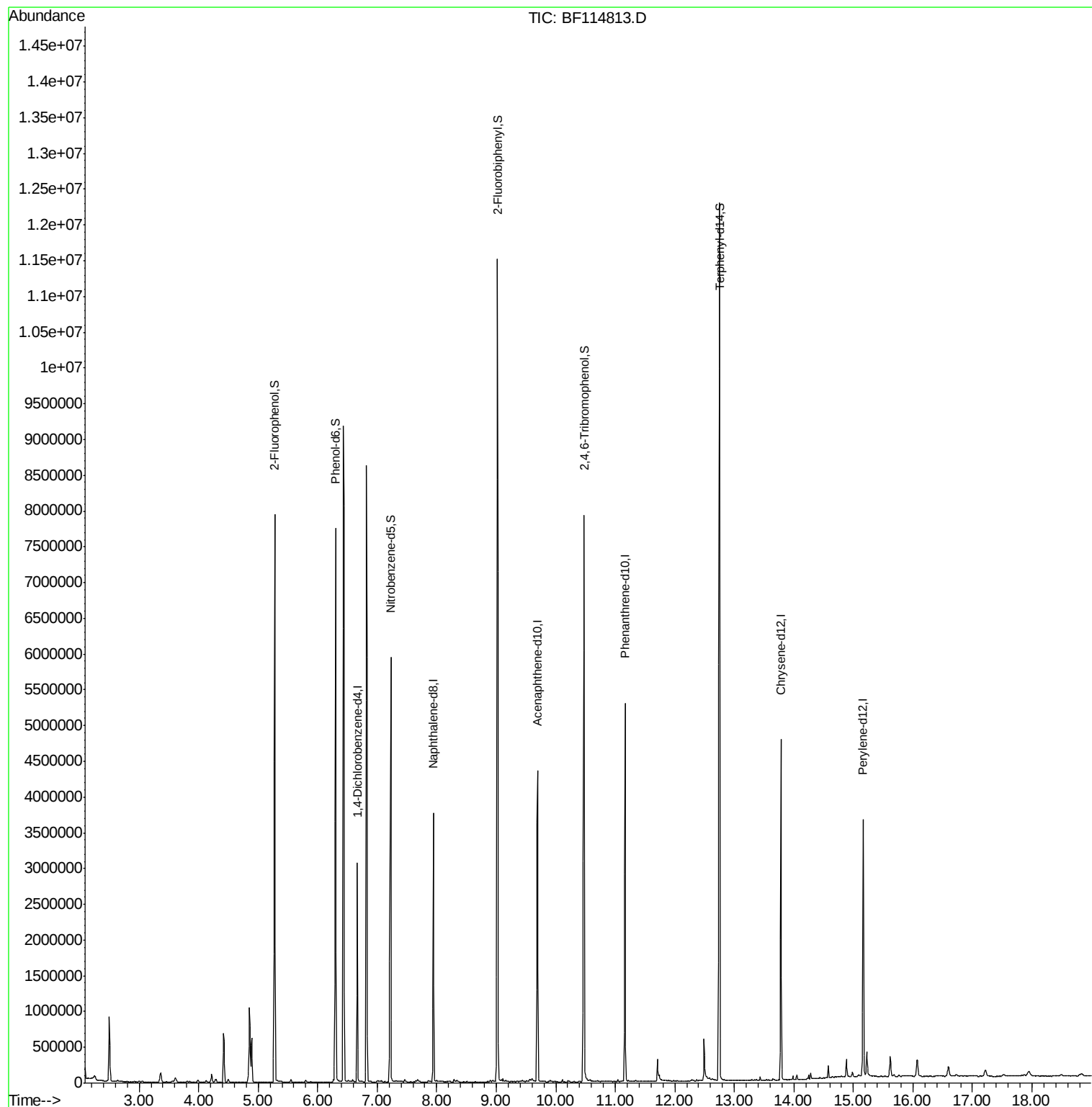
Target Compounds Qvalue

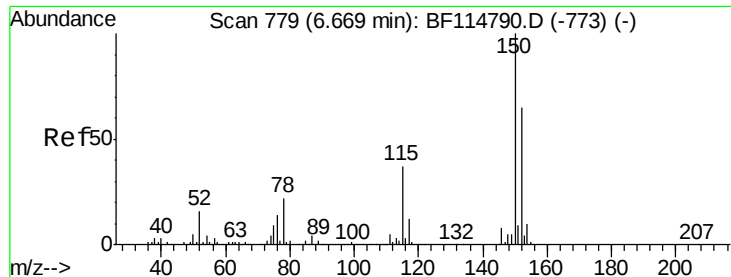
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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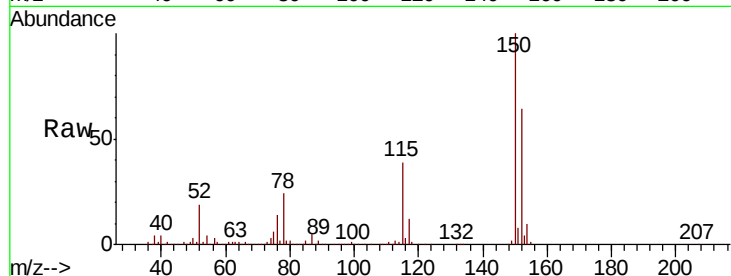


#1

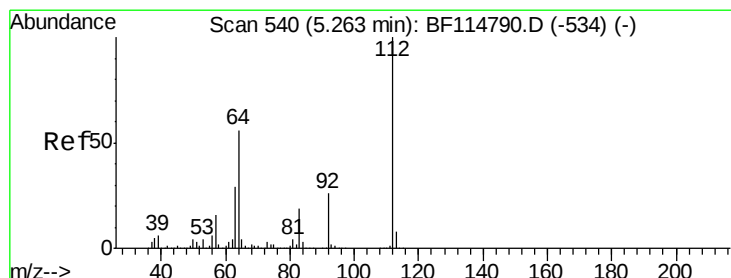
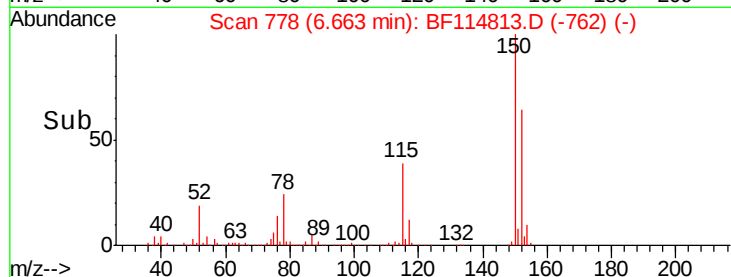
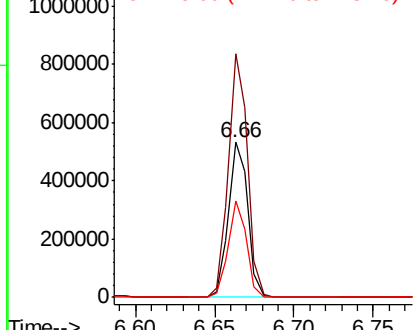
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

Tot Ion:152 Resp: 448072
Ion Ratio Lower Upper
152 100
150 157.3 124.0 186.0
115 61.9 46.3 69.5



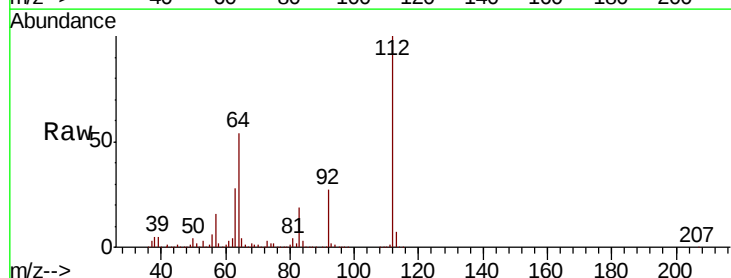
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



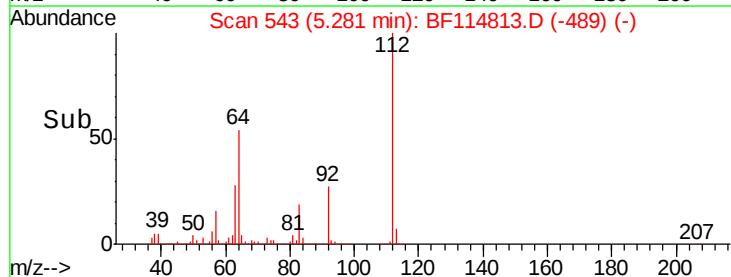
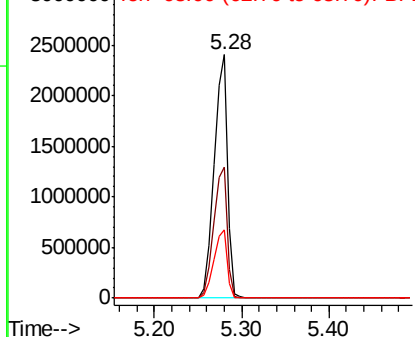
#5

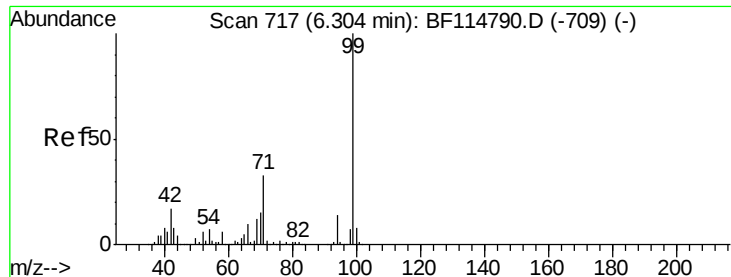
2-Fluorophenol
Concen: 99.706 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion:112 Resp: 2556744
Ion Ratio Lower Upper
112 100
64 53.9 44.6 66.8
63 27.9 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: 88.282 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

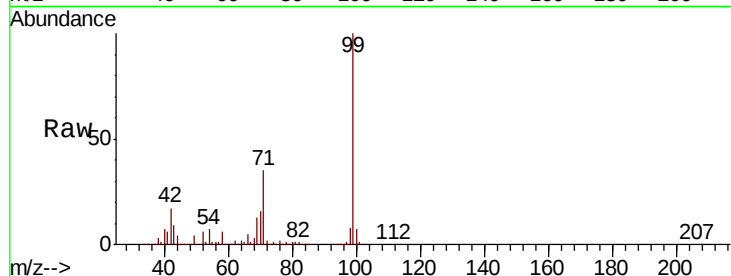
Tot Ion: 99 Resp: 2754596

Ion Ratio Lower Upper

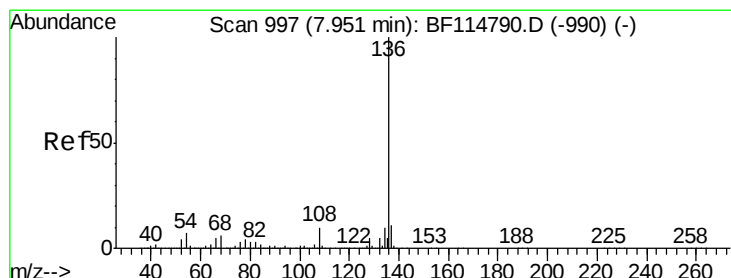
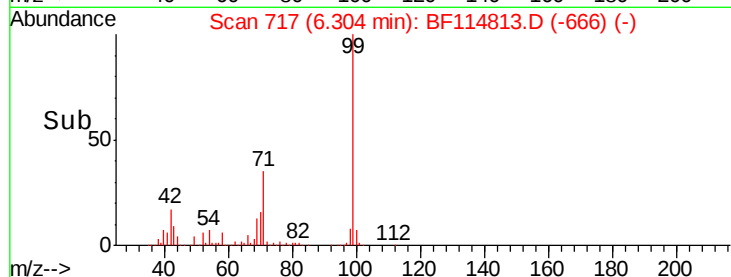
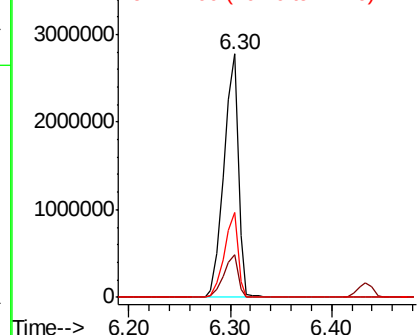
99 100

42 17.4 13.3 19.9

71 34.9 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: BF114813.D

Acq: 5 Jun 2019 11:45

Tgt Ion: 136 Resp: 1714240

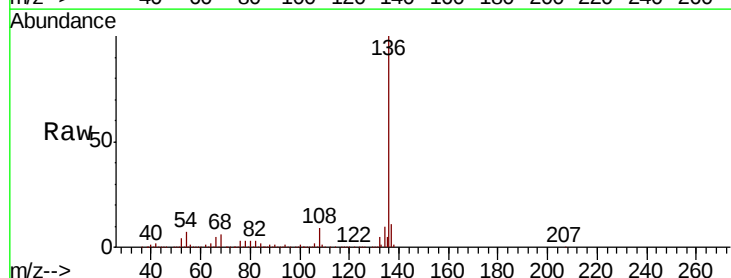
Ion Ratio Lower Upper

136 100

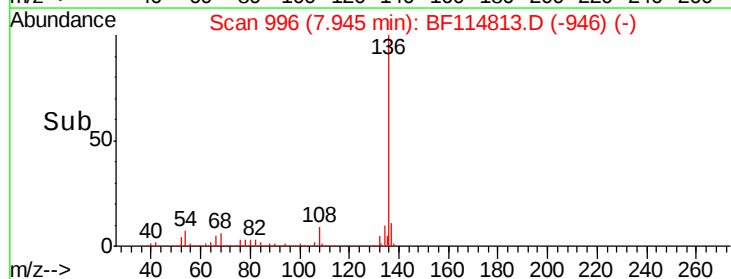
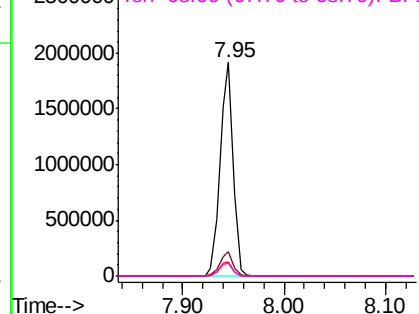
137 11.5 9.1 13.7

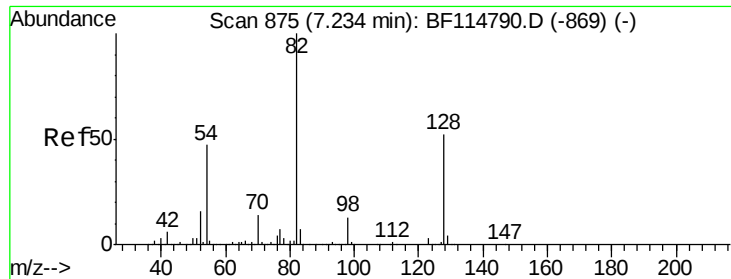
54 6.7 5.4 8.0

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

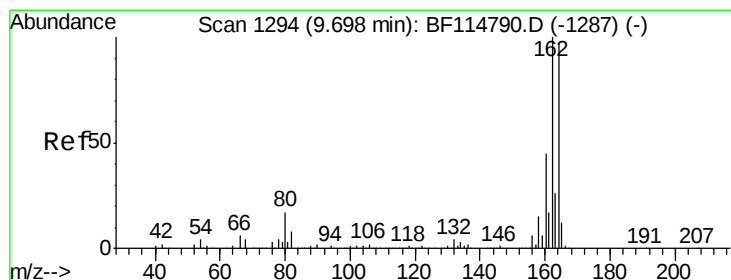
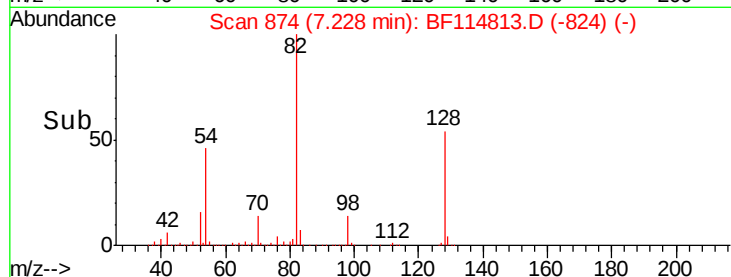
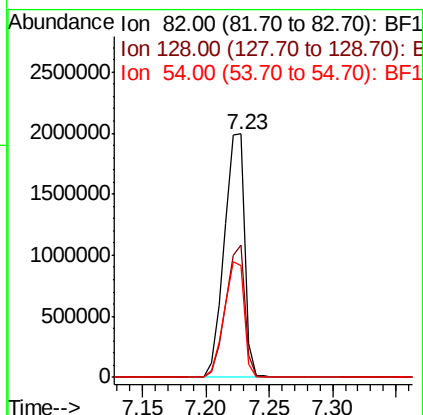
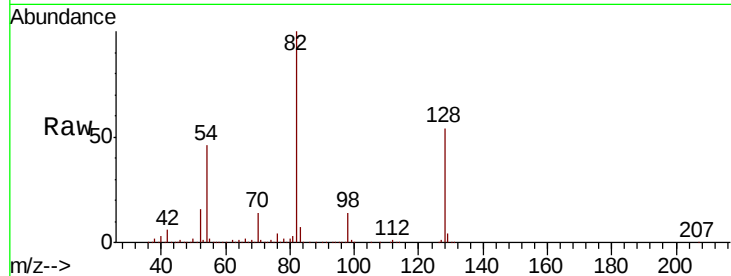




#23
Nitrobenzene-d5
Concen: 79.727 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

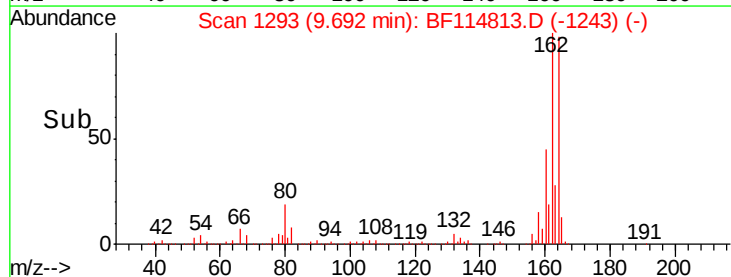
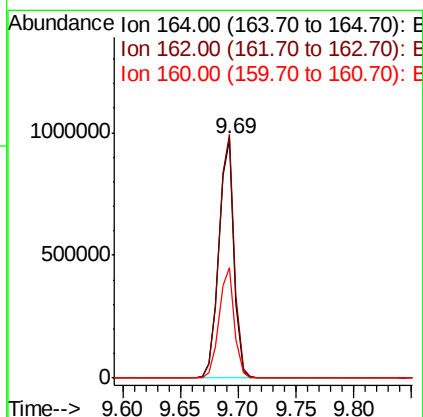
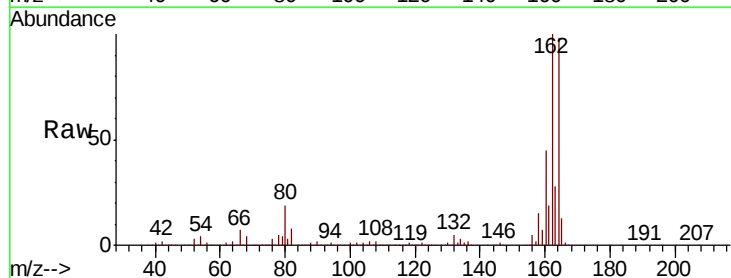
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

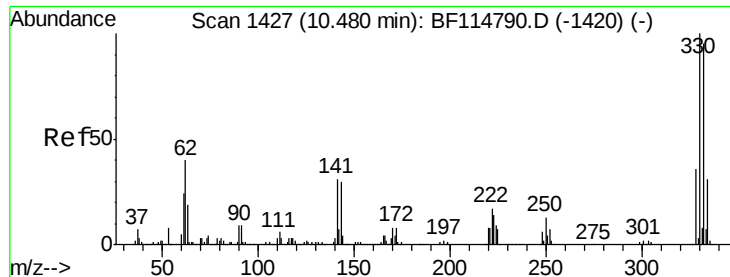
Tot Ion: 82 Resp: 2220189
Ion Ratio Lower Upper
82 100
128 54.2 41.8 62.6
54 46.1 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion: 164 Resp: 882838
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 46.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 119.095 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

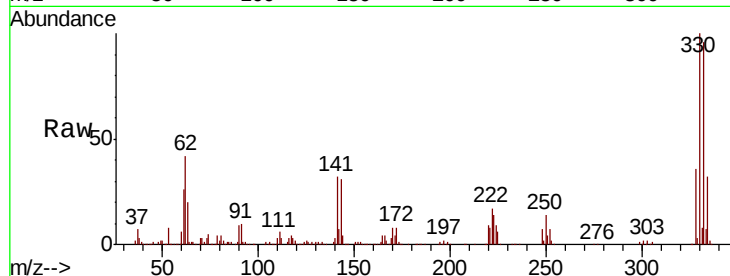
Tot Ion:330 Resp: 1133065

Ion Ratio Lower Upper

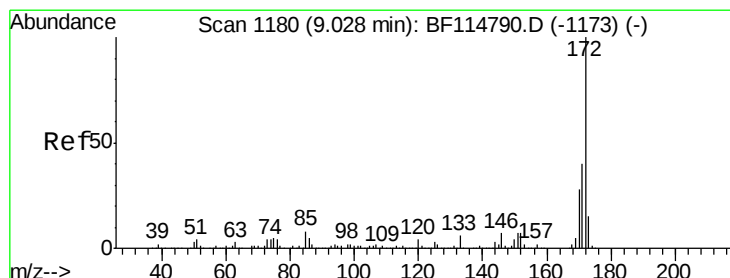
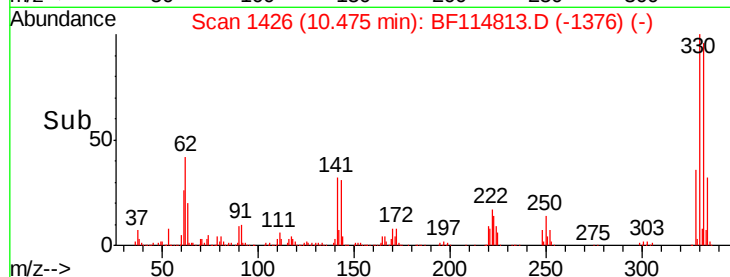
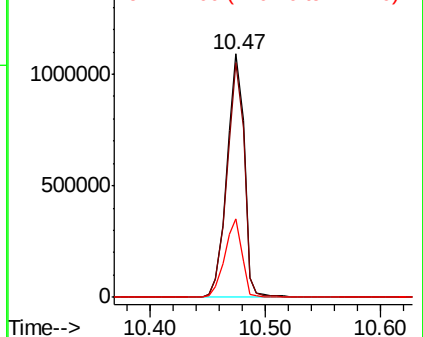
330 100

332 96.2 77.3 115.9

141 32.5 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: 82.400 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114813.D

Acq: 5 Jun 2019 11:45

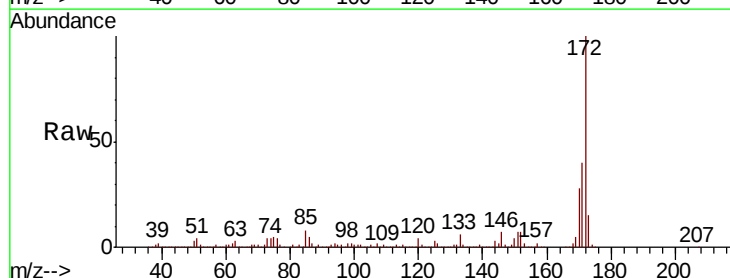
Tgt Ion:172 Resp: 3883374

Ion Ratio Lower Upper

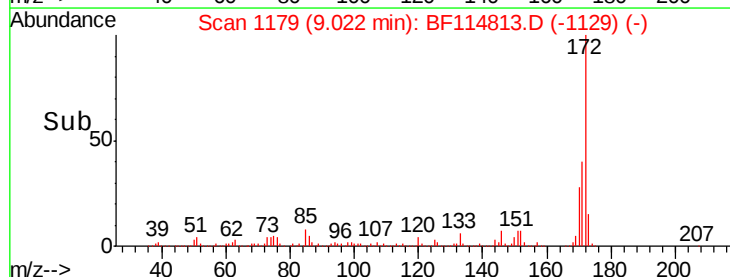
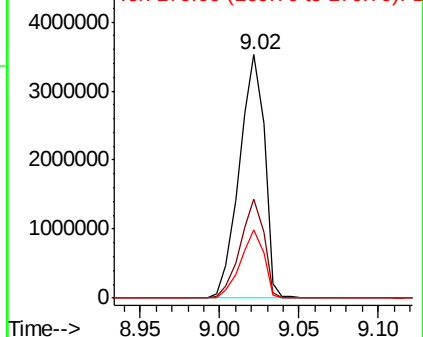
172 100

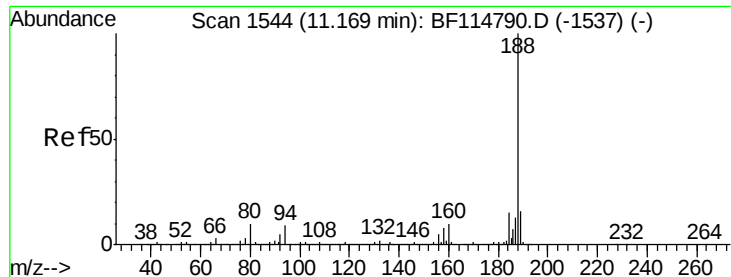
171 40.4 32.3 48.5

170 28.0 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

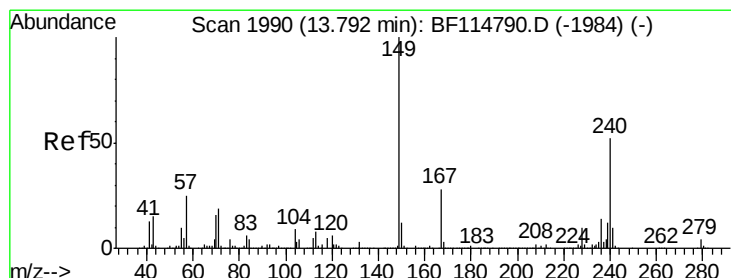
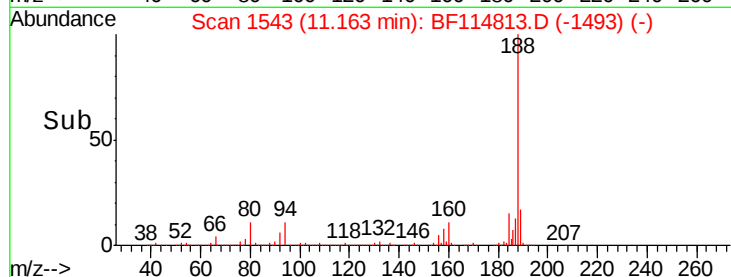
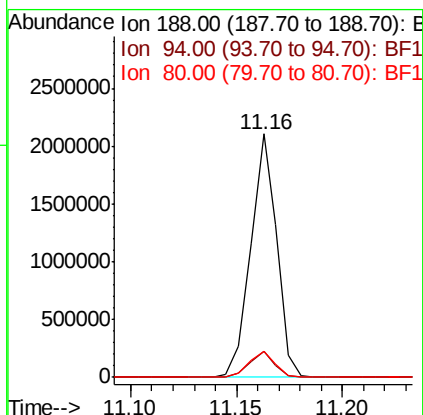
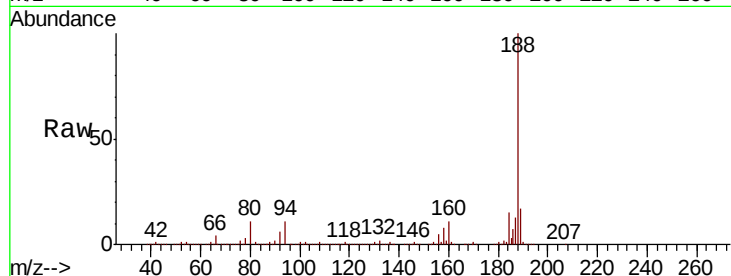




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

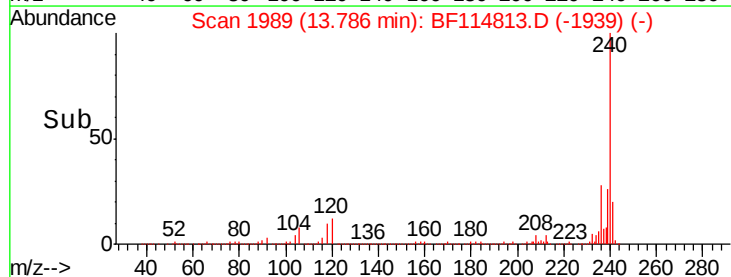
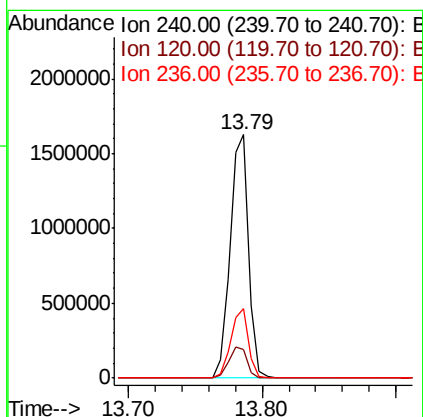
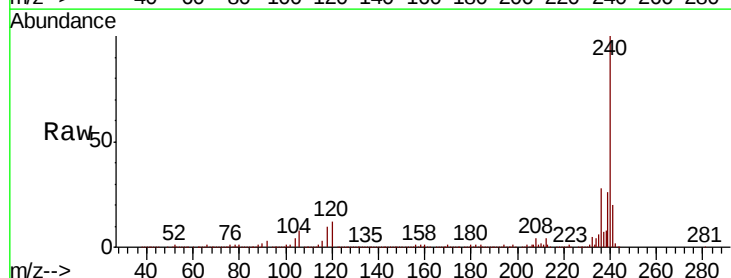
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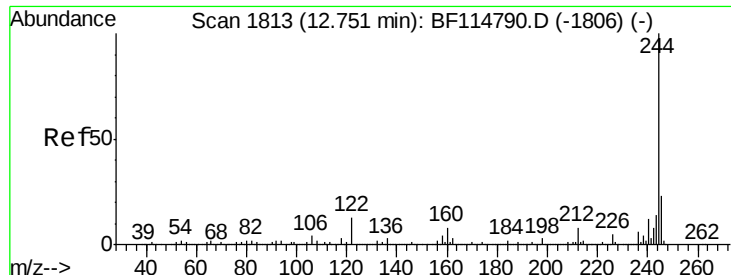
Tot Ion:188 Resp: 1798951
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 10.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114813.D
Acq: 5 Jun 2019 11:45

Tgt Ion:240 Resp: 1583194
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 28.4 21.4 32.0

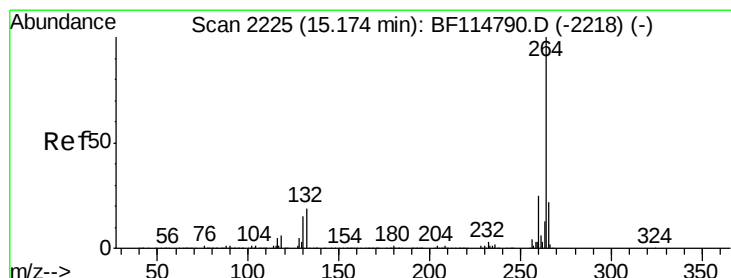
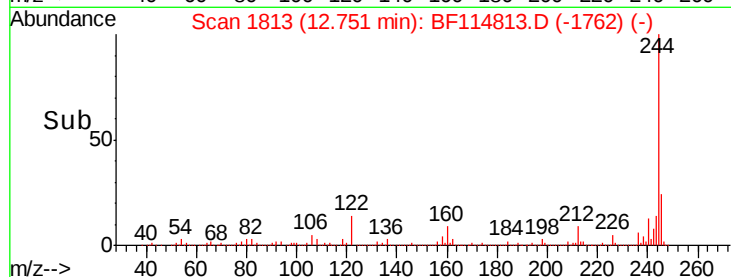
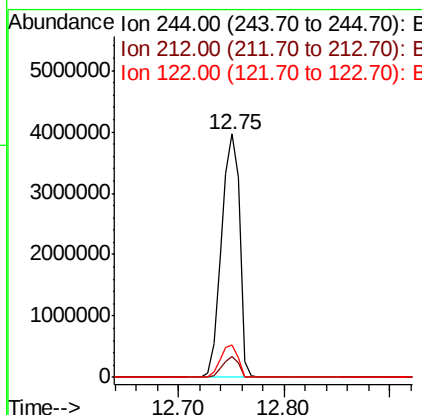
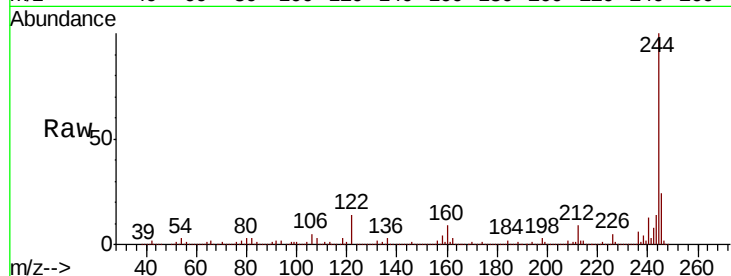




#79
 Terphenyl-d14
 Concen: 58.641 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

Tot Ion:244 Resp: 4773892
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 13.5 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF114813.D
 Acq: 5 Jun 2019 11:45

Tgt Ion:264 Resp: 1597620
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.0 17.7 26.5

