

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114809.D
 Acq On : 5 Jun 2019 9:59
 Operator : HP/JU
 Sample : K2641-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jun 05 12:09:28 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	352582	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1355255	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	691034	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1423991	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1192305	20.00	ng	0.00
87) Perylene-d12	15.16	264	1149542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2047763	101.48	ng	0.02
7) Phenol-d6	6.30	99	2137556	87.06	ng	0.00
23) Nitrobenzene-d5	7.23	82	1827645	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	940956	126.35	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3277711	88.85	ng	0.00
79) Terphenyl-d14	12.75	244	4108110	67.01	ng	0.00

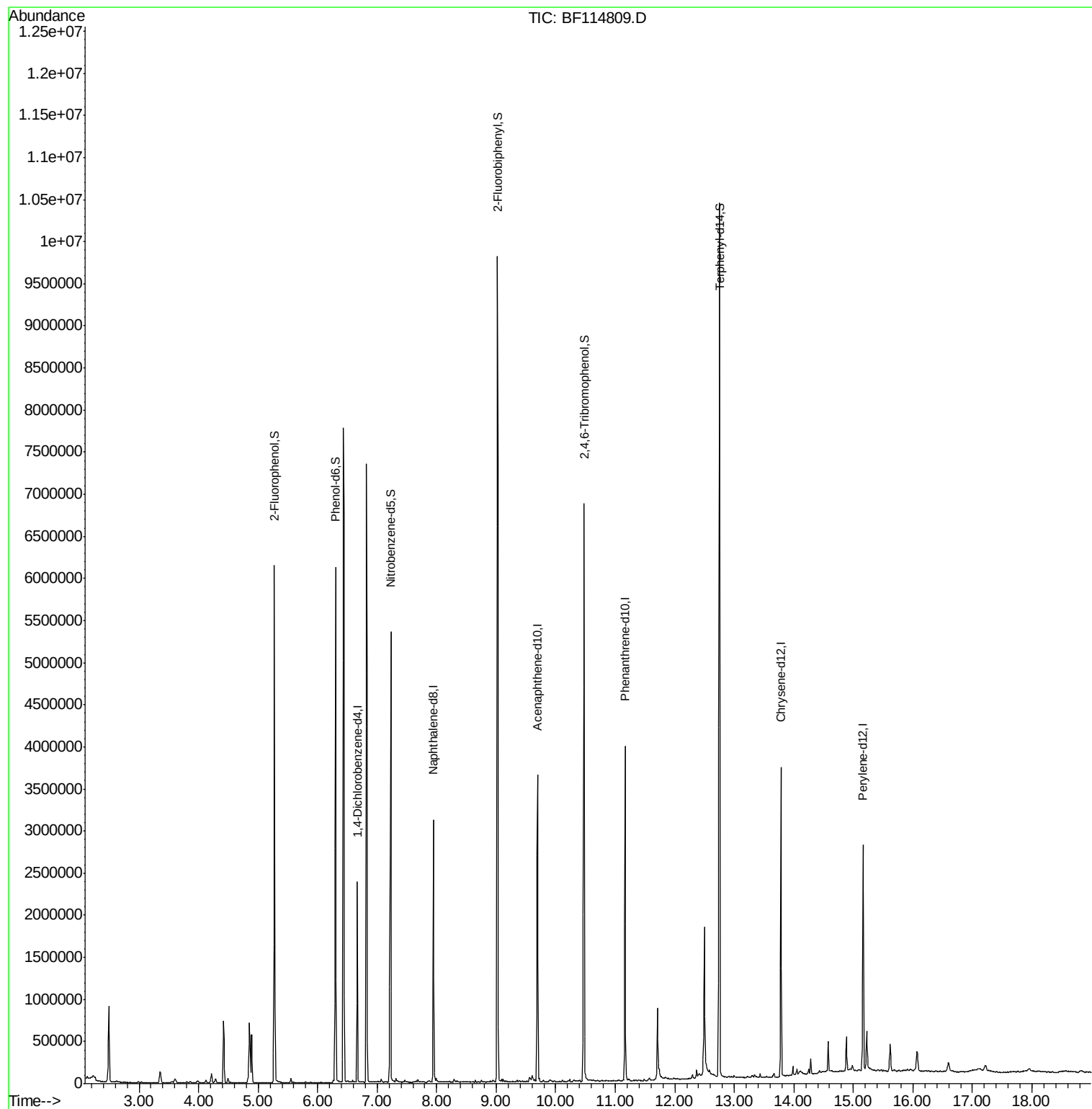
Target Compounds Qvalue

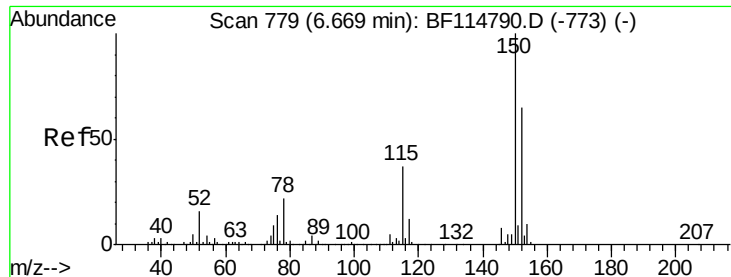
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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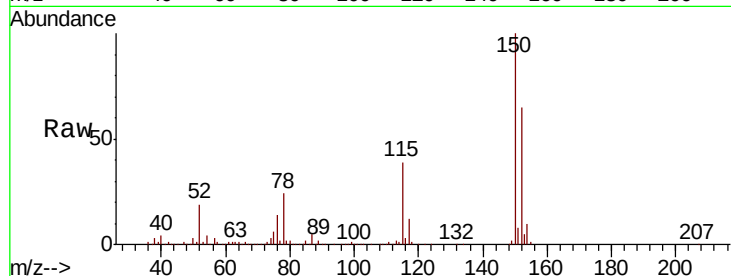


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.0	186.0
115	59.7	46.3	69.5

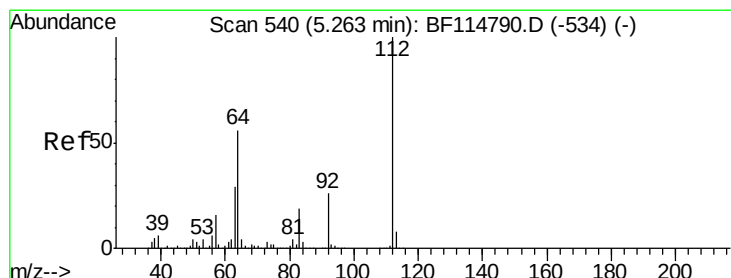
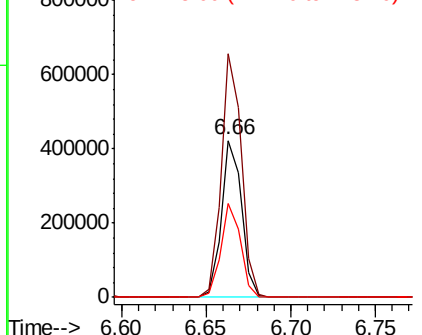
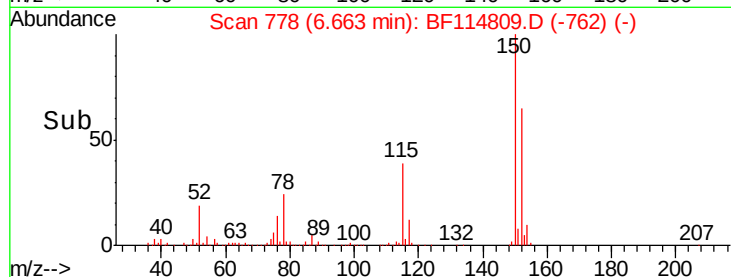


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

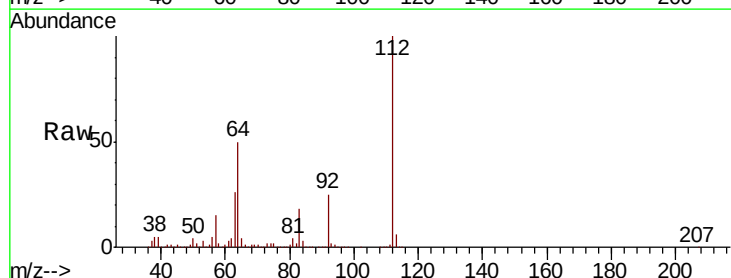
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.485 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	44.6	66.8
63	25.9	23.0	34.4

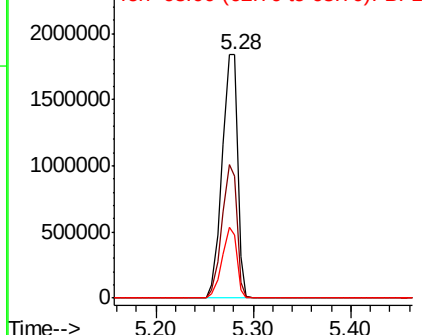
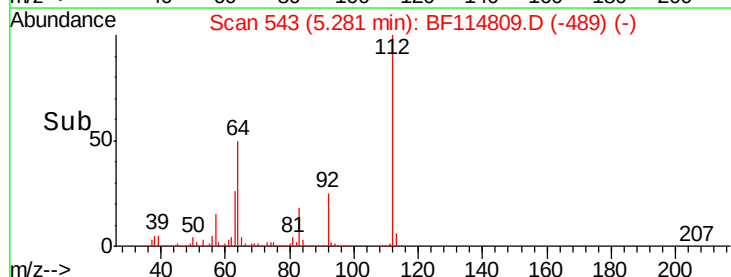


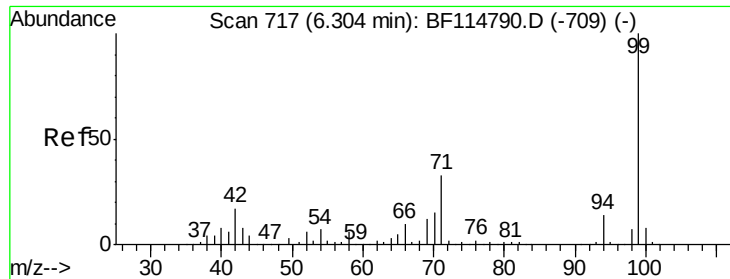
Abundance

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: 87.060 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

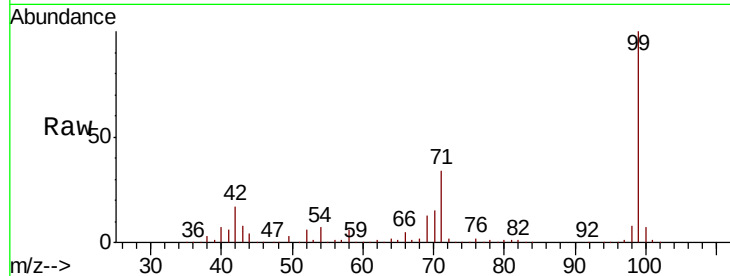
BNA_F

ClientSampleId :

CL-02-053119-C

Tot Ion: 99 Resp: 2137556

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.3	19.9
71	34.1	26.3	39.5



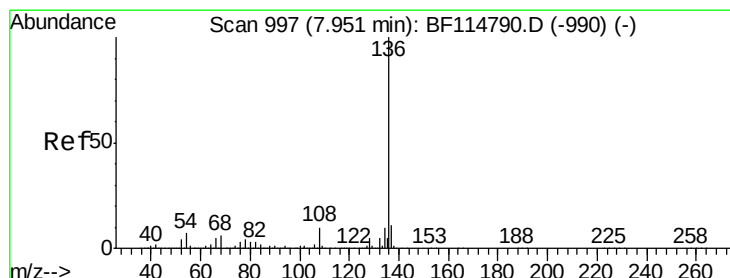
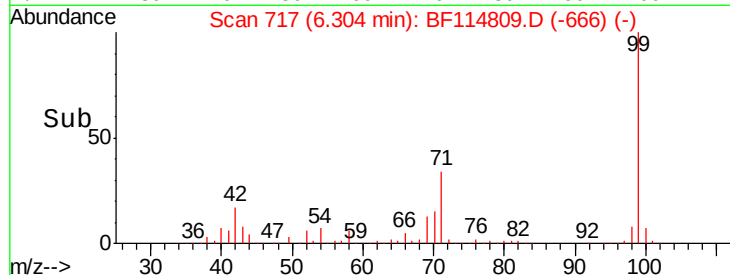
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

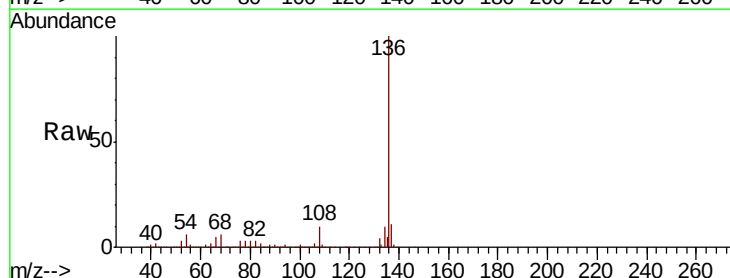
Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Tgt Ion: 136 Resp: 1355255

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.4	5.4	8.0
68	5.5	4.6	6.8



Abundance Ion 136.00 (135.70 to 136.70): E

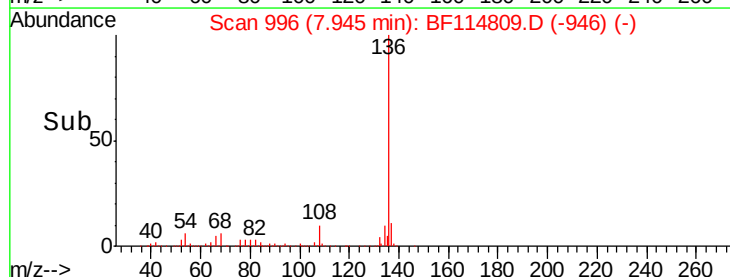
Ion 137.00 (136.70 to 137.70): E

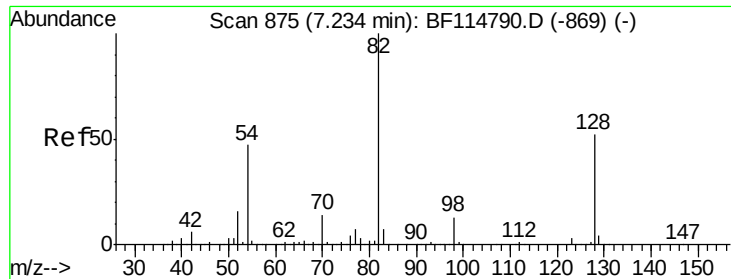
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

7.95

Time-->

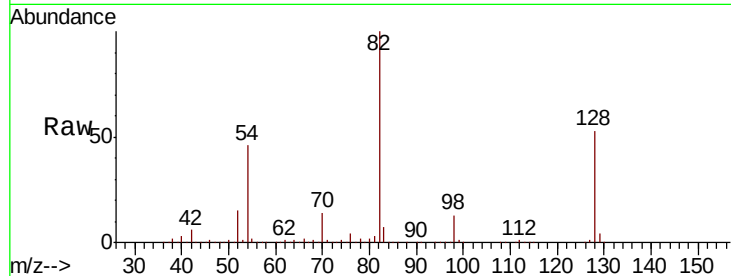




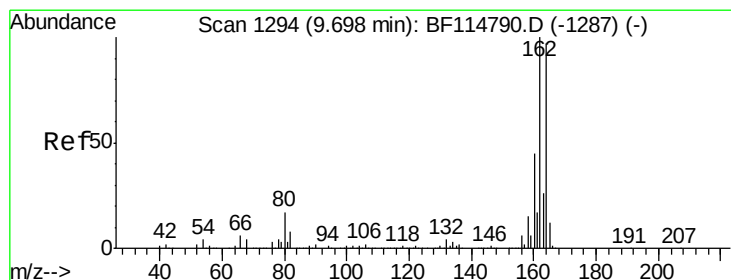
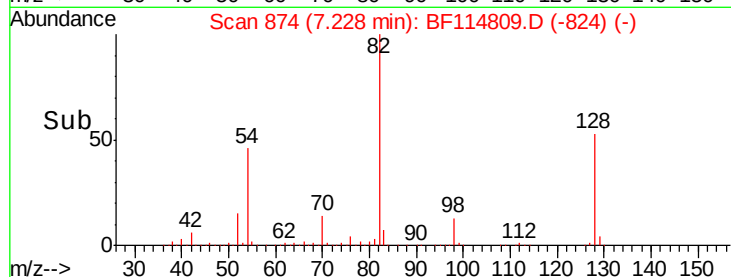
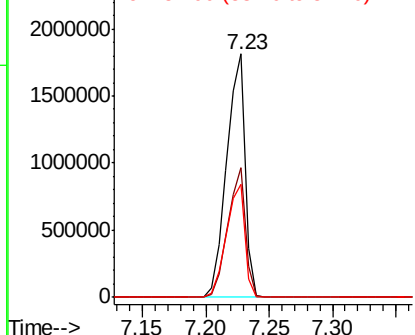
#23
 Nitrobenzene-d5
 Concen: 83.015 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

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

Tot Ion: 82 Resp: 1827645
 Ion Ratio Lower Upper
 82 100
 128 53.0 41.8 62.6
 54 46.2 37.9 56.9

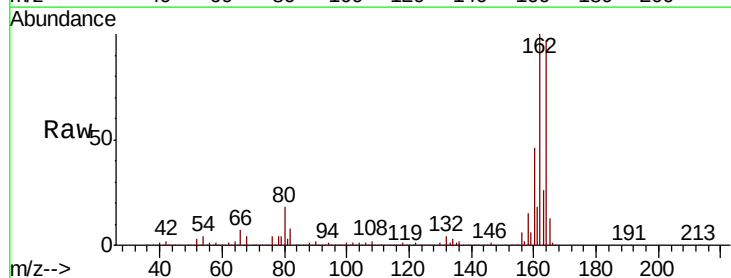


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

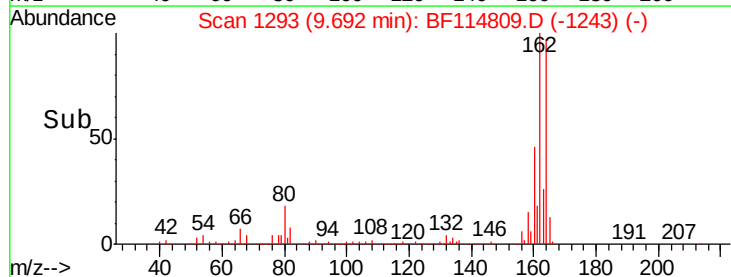
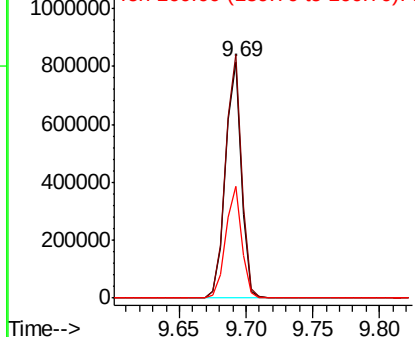


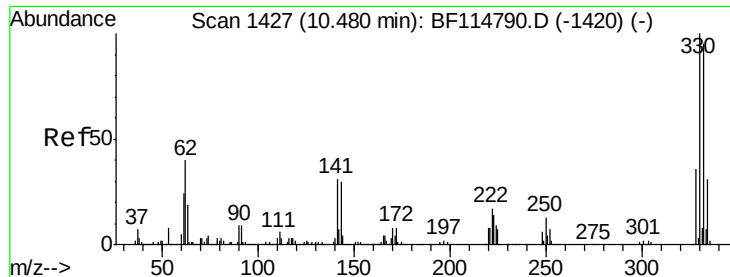
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF114809.D
 Acq: 5 Jun 2019 9:59

Tgt Ion:164 Resp: 691034
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.3 123.5
 160 47.0 36.7 55.1



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: 126.354 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-C

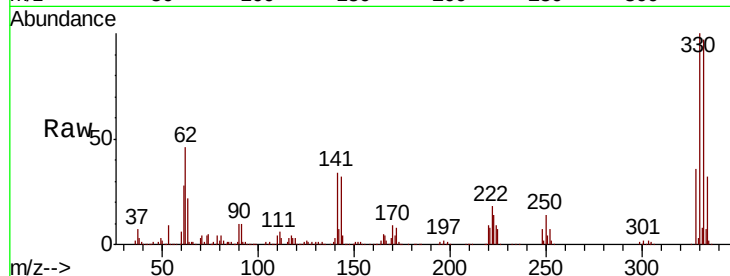
Tot Ion:330 Resp: 940956

Ion Ratio Lower Upper

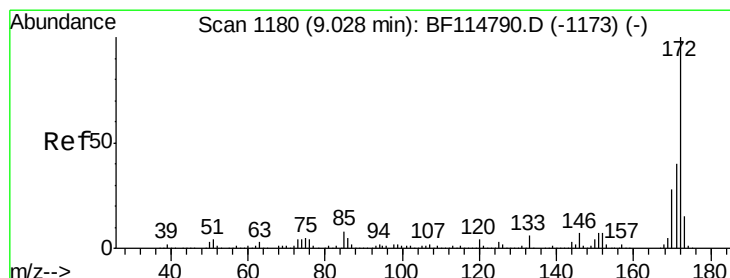
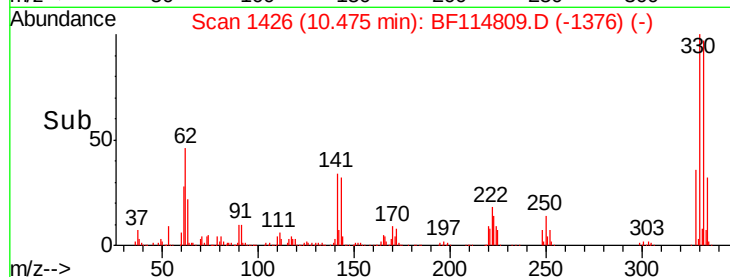
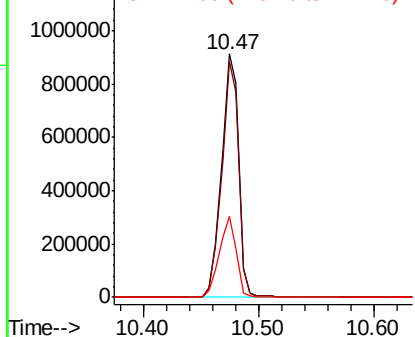
330 100

332 96.0 77.3 115.9

141 33.0 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: 88.853 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

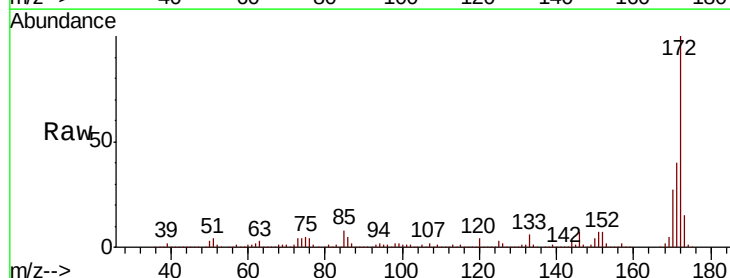
Tgt Ion:172 Resp: 3277711

Ion Ratio Lower Upper

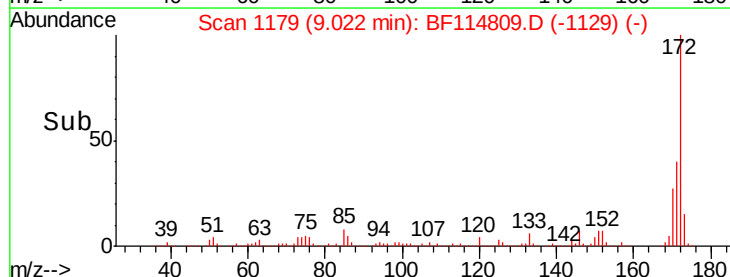
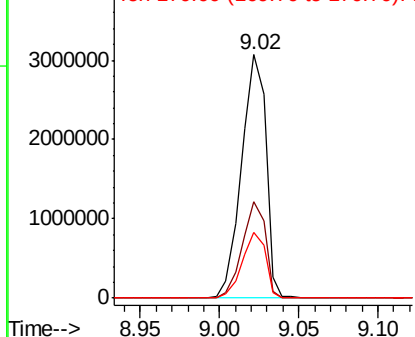
172 100

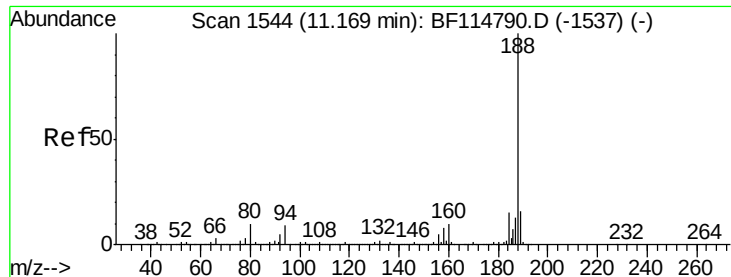
171 39.6 32.3 48.5

170 27.0 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

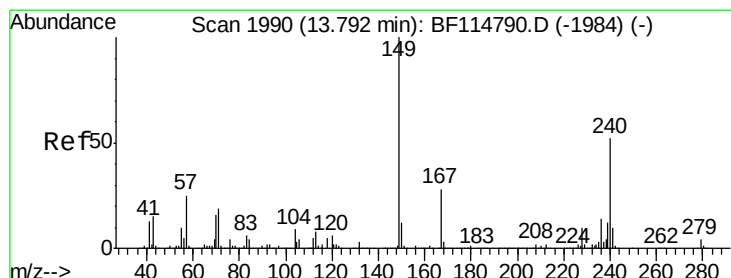
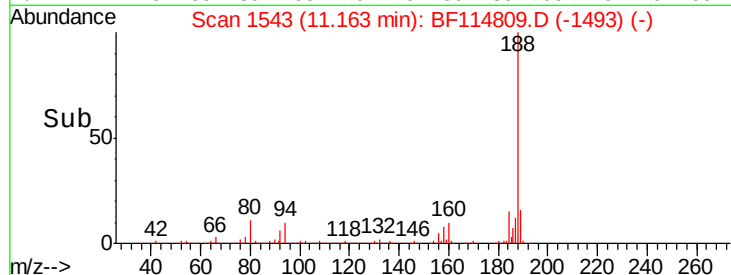
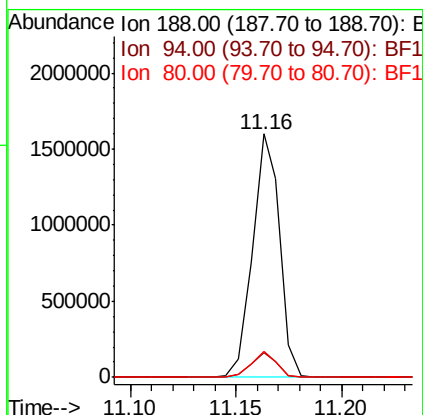
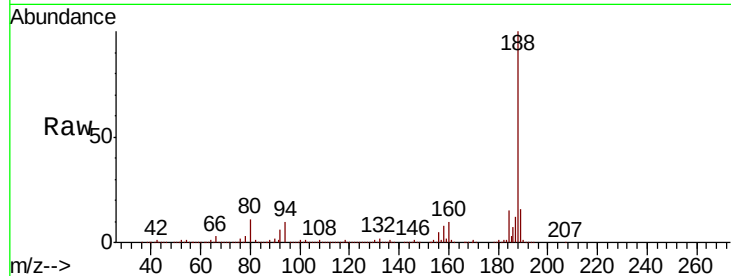




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

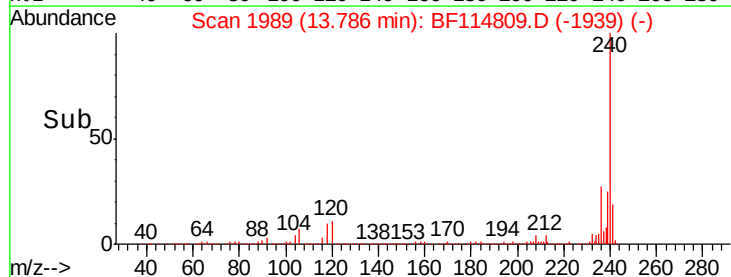
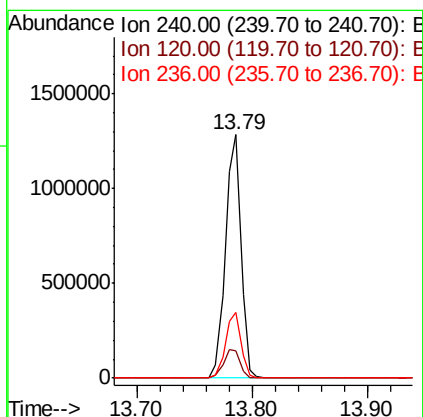
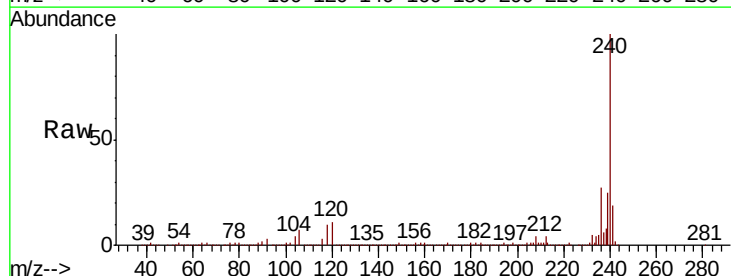
Instrument :
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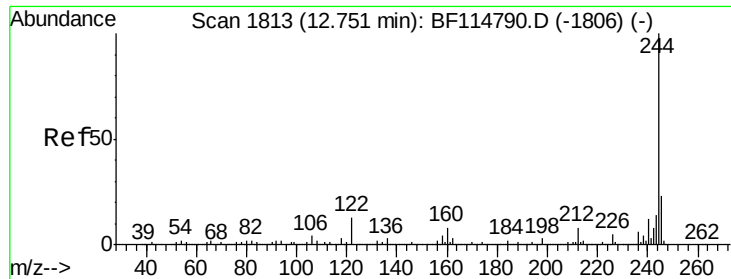
Tot Ion:188 Resp: 1423991
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 10.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114809.D
Acq: 5 Jun 2019 9:59

Tgt Ion:240 Resp: 1192305
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 27.1 21.4 32.0





#79

Terphenyl-d14

Concen: 67.007 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-C

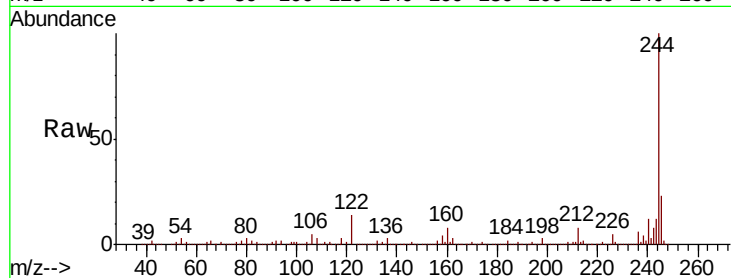
Tot Ion:244 Resp: 4108110

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

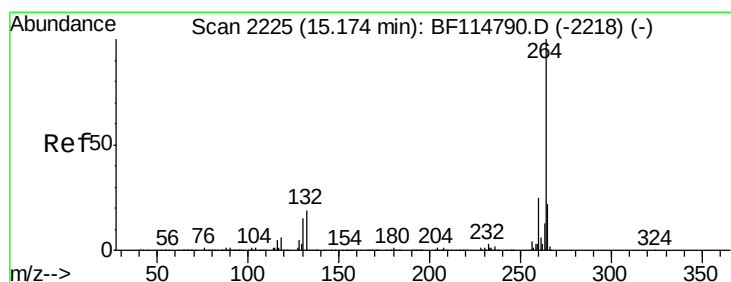
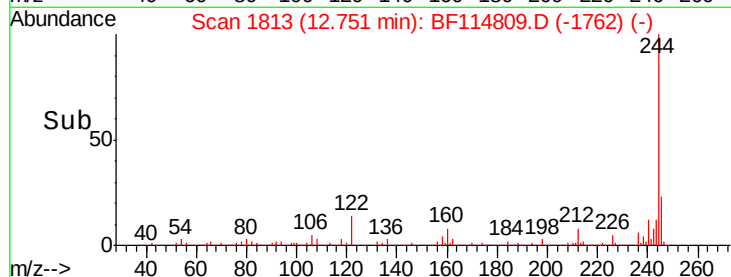
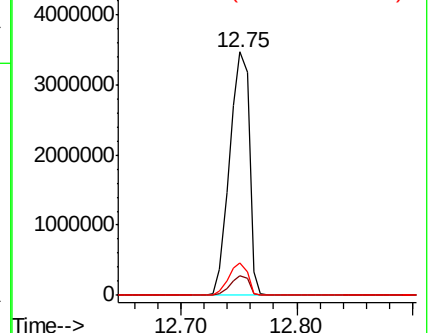
122 13.5 10.5 15.7



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: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114809.D

Acq: 5 Jun 2019 9:59

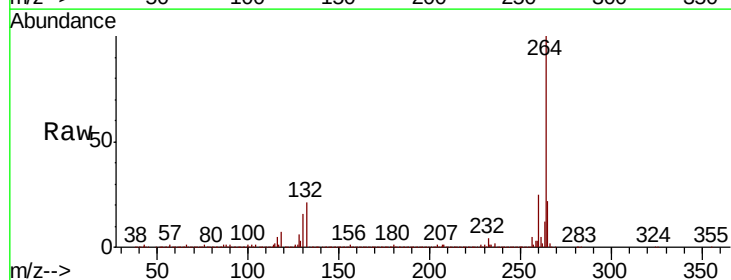
Tgt Ion:264 Resp: 1149542

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

265 22.2 17.7 26.5



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

