

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114808.D
 Acq On : 5 Jun 2019 9:33
 Operator : HP/JU
 Sample : K2641-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jun 05 11:46:42 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	388599	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1480192	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	765617	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1554750	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1286524	20.00	ng	0.00
87) Perylene-d12	15.16	264	1227926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2305978	103.69	ng	0.02
7) Phenol-d6	6.30	99	2525739	93.34	ng	0.00
23) Nitrobenzene-d5	7.23	82	1954925	81.30	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1016725	123.23	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3553497	86.95	ng	0.00
79) Terphenyl-d14	12.76	244	4241525	64.12	ng	0.00

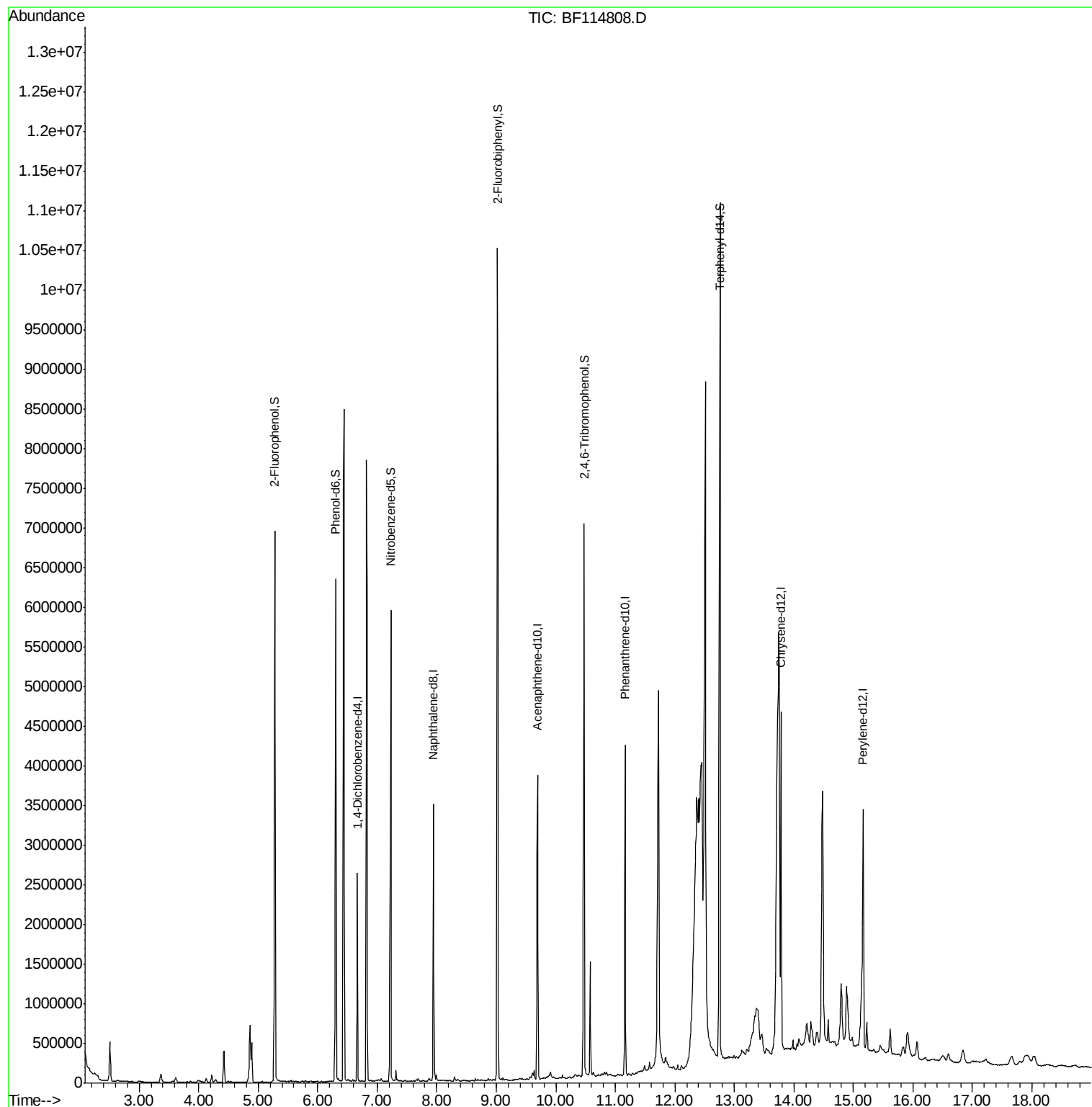
Target Compounds Qvalue

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

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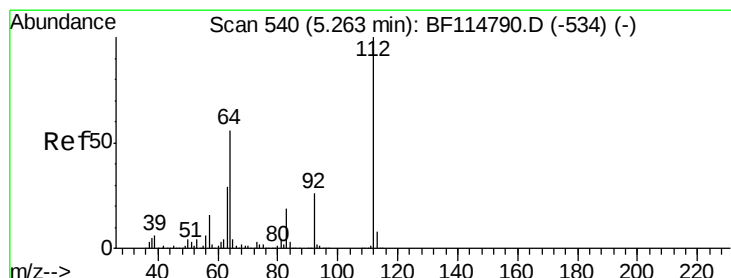
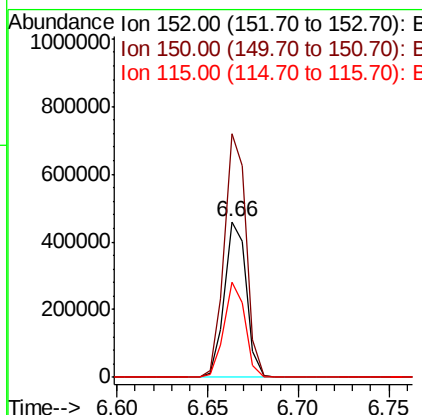
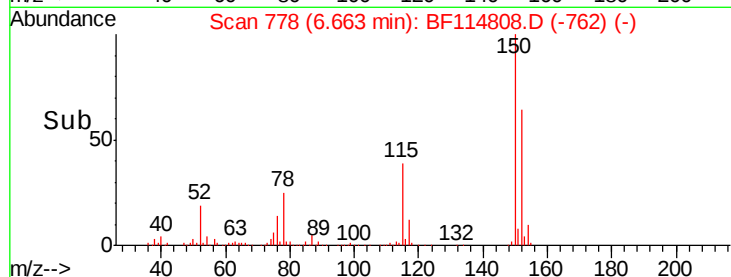
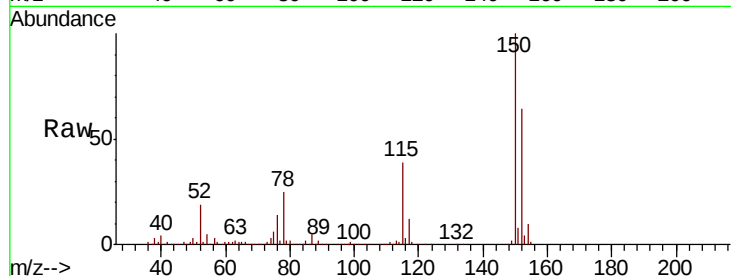


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

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

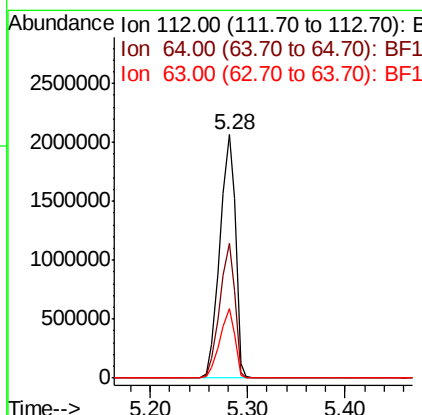
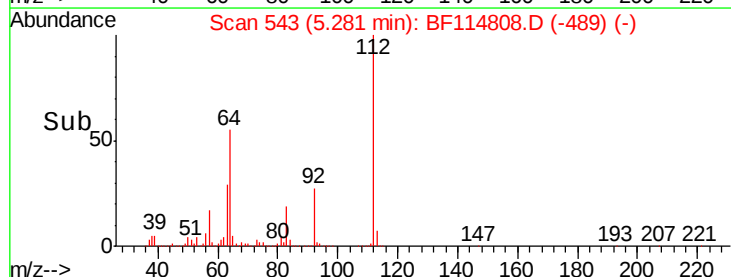
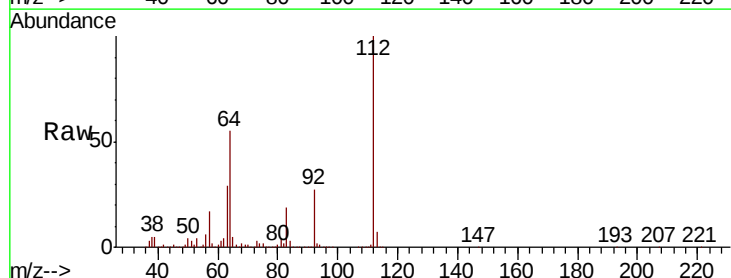
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.0	186.0
115	61.4	46.3	69.5

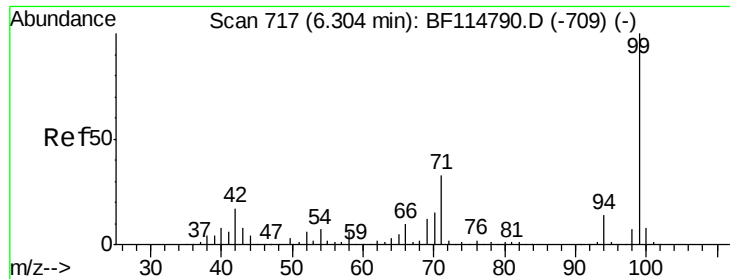


#5

2-Fluorophenol
Concen: 103.689 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.6	66.8
63	28.7	23.0	34.4





#7

Phenol-d6

Concen: 93.336 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-A

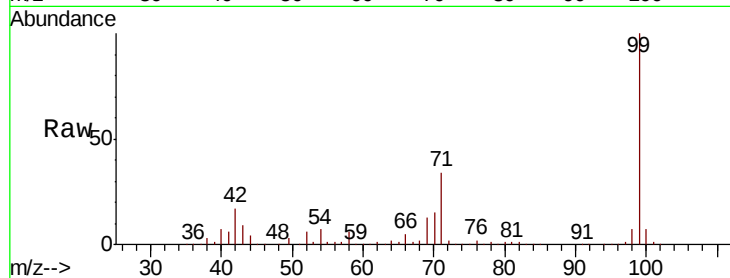
Tot Ion: 99 Resp: 2525739

Ion Ratio Lower Upper

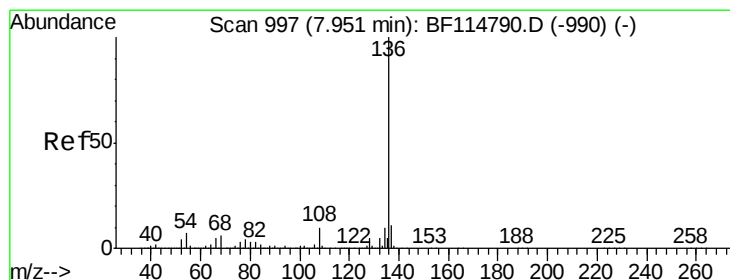
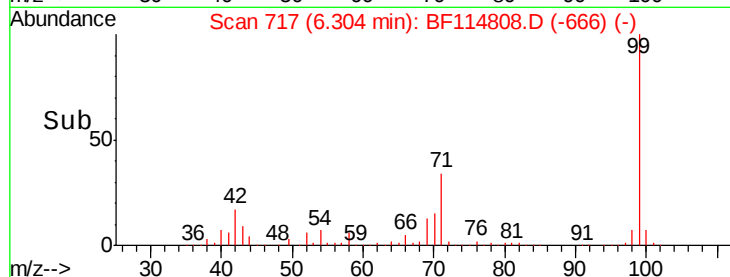
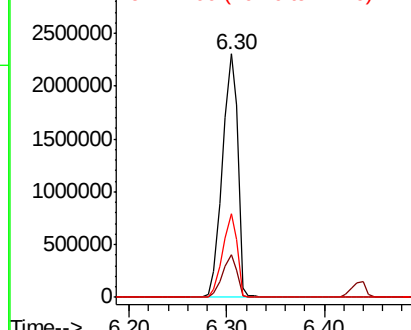
99 100

42 17.4 13.3 19.9

71 34.2 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: BF114808.D

Acq: 5 Jun 2019 9:33

Tgt Ion: 136 Resp: 1480192

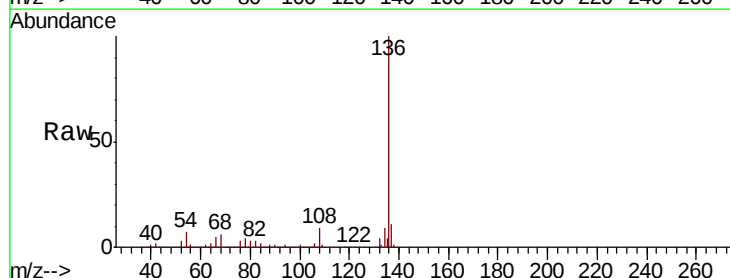
Ion Ratio Lower Upper

136 100

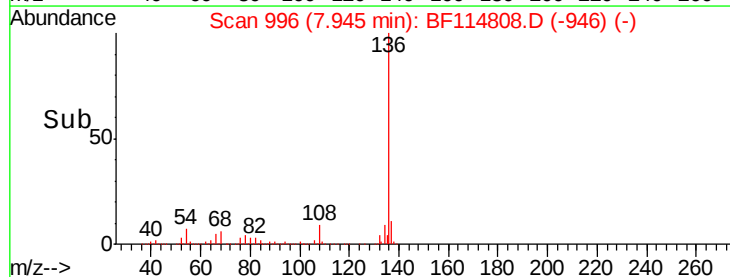
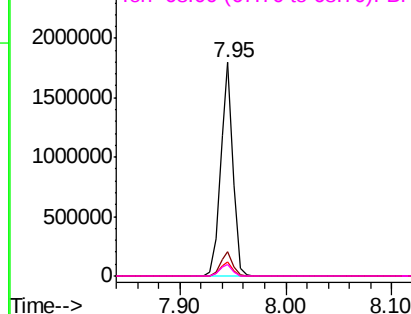
137 11.3 9.1 13.7

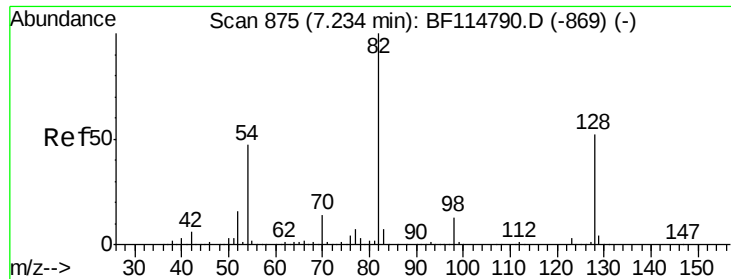
54 6.7 5.4 8.0

68 5.7 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

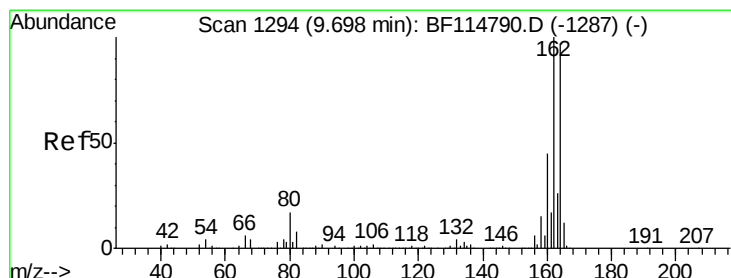
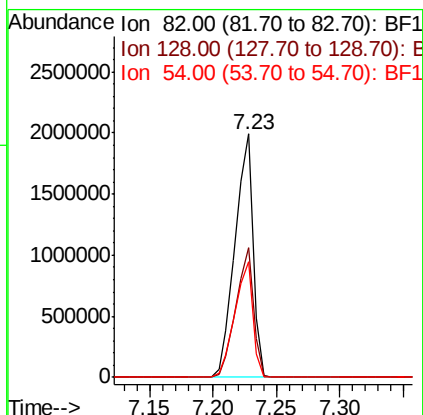
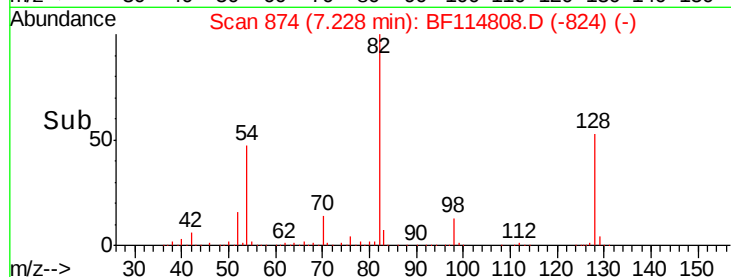
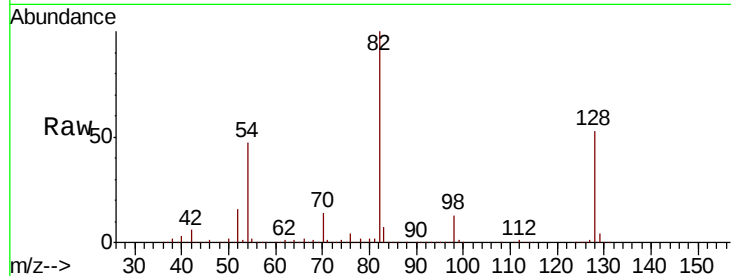




#23
Nitrobenzene-d5
Concen: 81.302 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

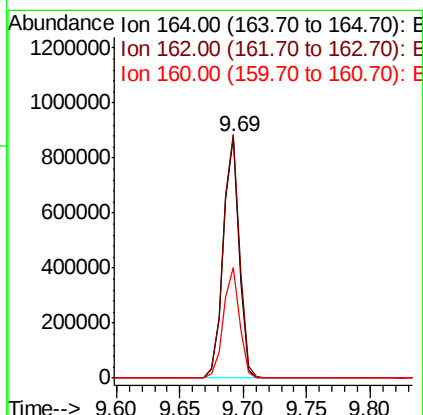
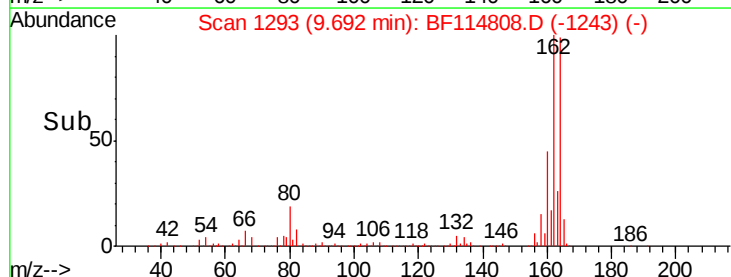
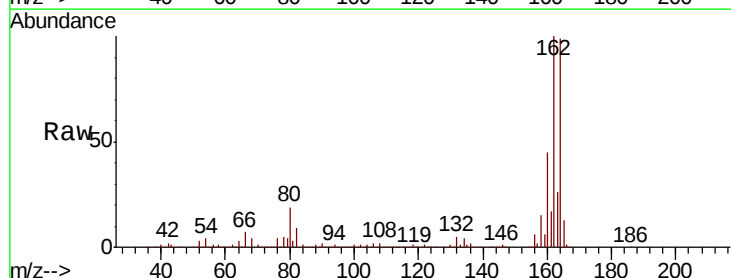
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-A

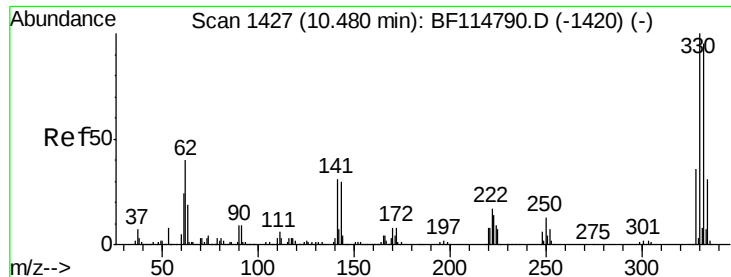
Tot Ion: 82 Resp: 1954925
Ion Ratio Lower Upper
82 100
128 53.4 41.8 62.6
54 47.3 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion:164 Resp: 765617
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 123.228 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-A

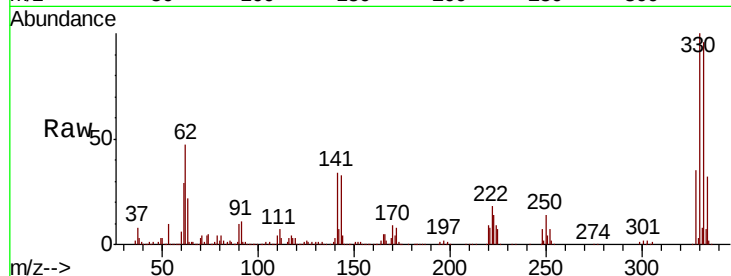
Tot Ion:330 Resp: 1016725

Ion Ratio Lower Upper

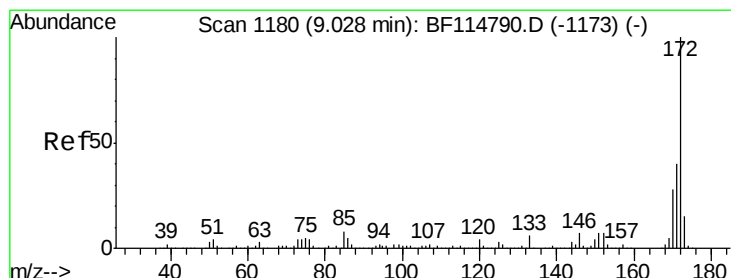
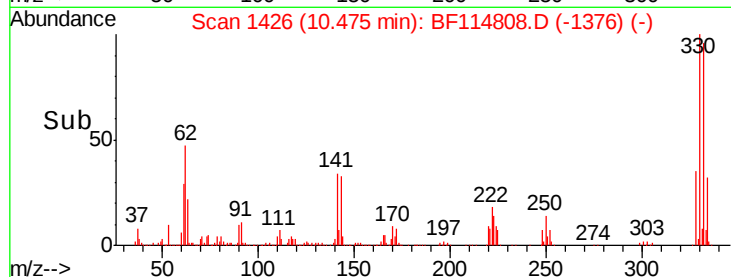
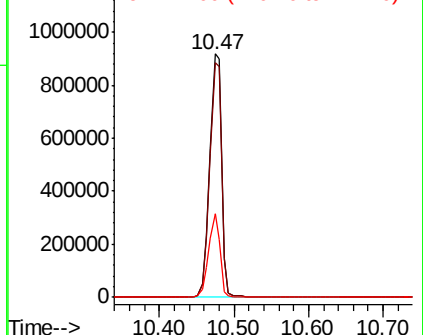
330 100

332 96.2 77.3 115.9

141 32.6 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: 86.945 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

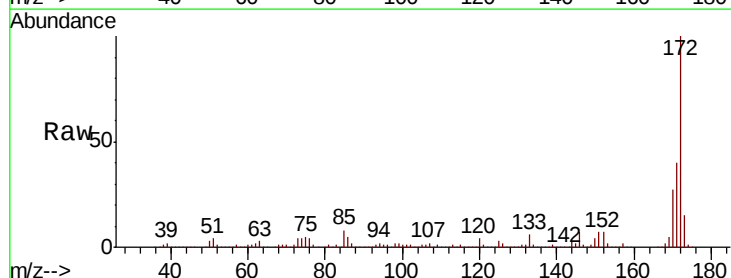
Tgt Ion:172 Resp: 3553497

Ion Ratio Lower Upper

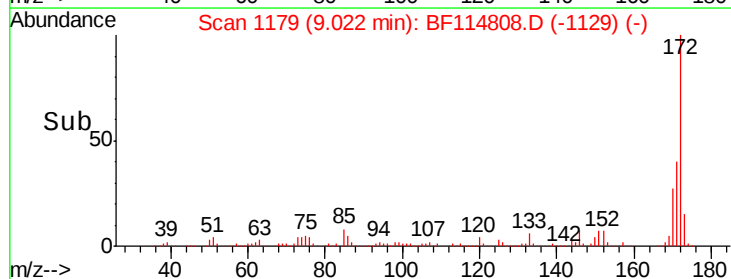
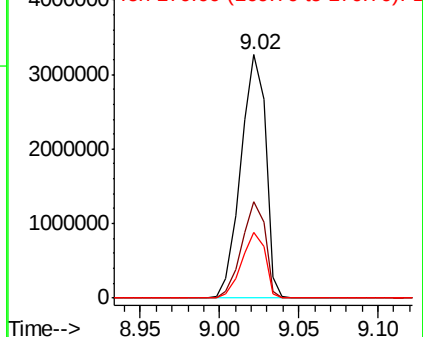
172 100

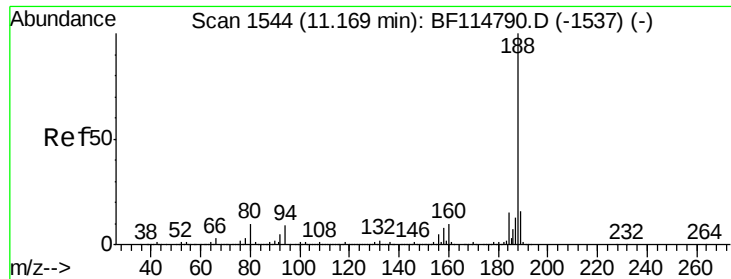
171 39.5 32.3 48.5

170 27.2 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

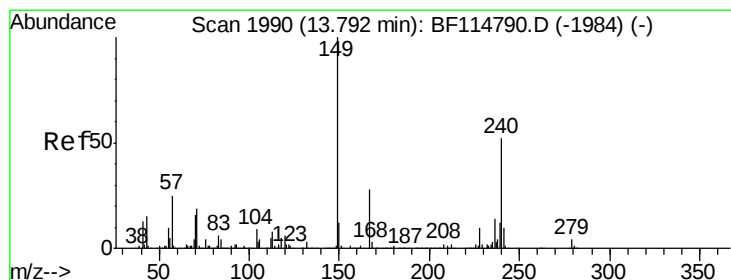
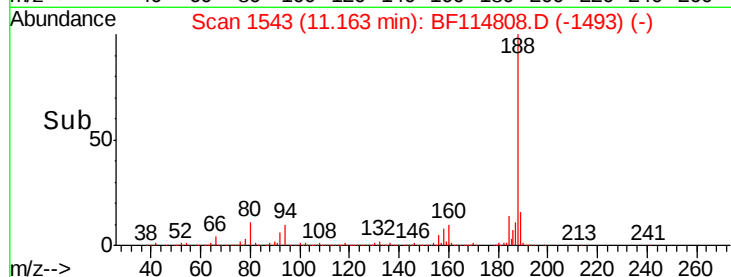
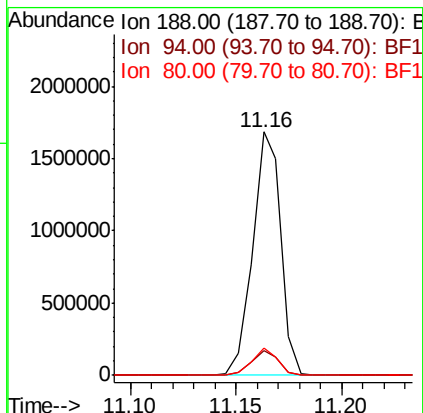
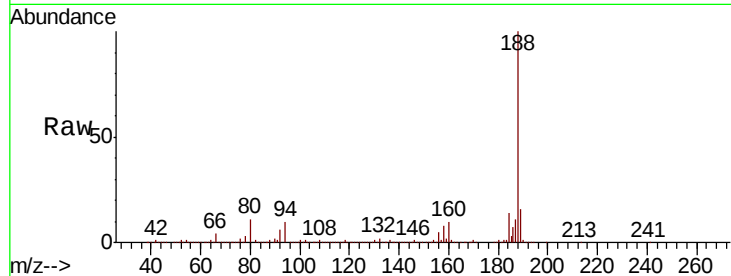




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

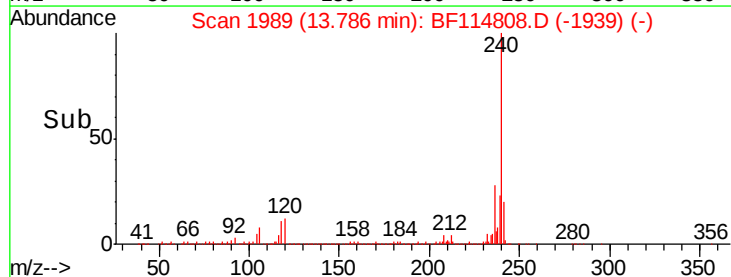
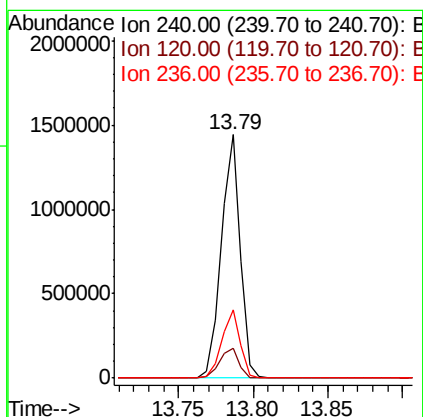
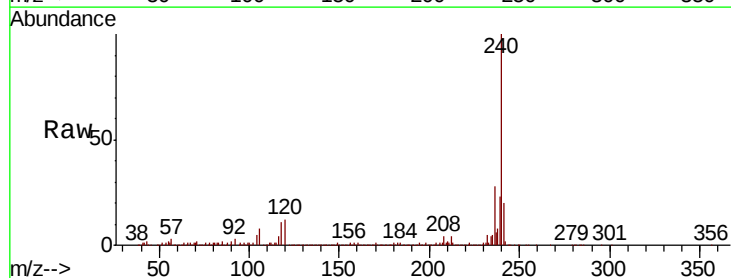
Instrument :
BNA_F
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CL-02-053119-A

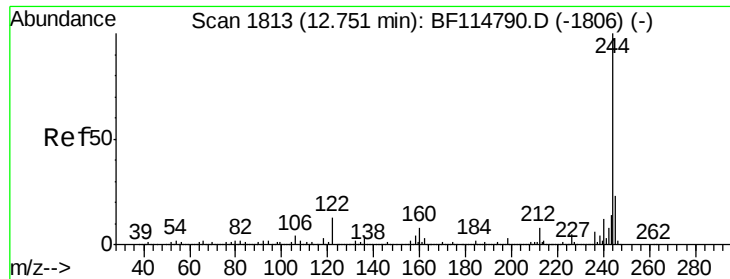
Tot Ion:188 Resp: 1554750
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114808.D
Acq: 5 Jun 2019 9:33

Tgt Ion:240 Resp: 1286524
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 28.0 21.4 32.0





#79

Terphenyl-d14

Concen: 64.117 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114808.D

Acq: 5 Jun 2019 9:33

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-A

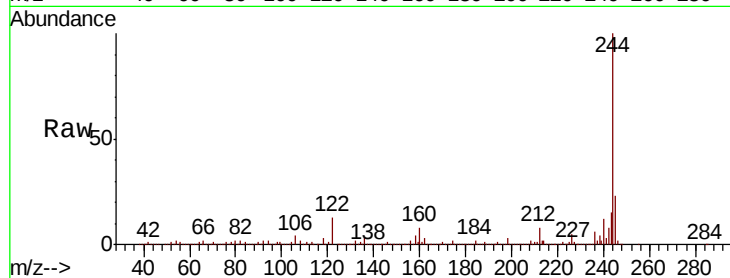
Tot Ion:244 Resp: 4241525

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

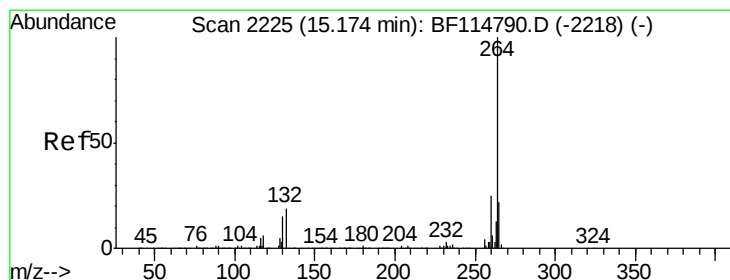
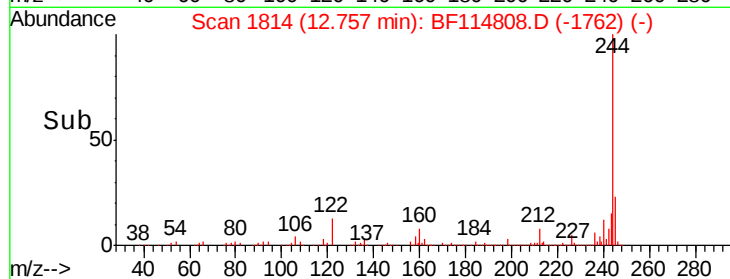
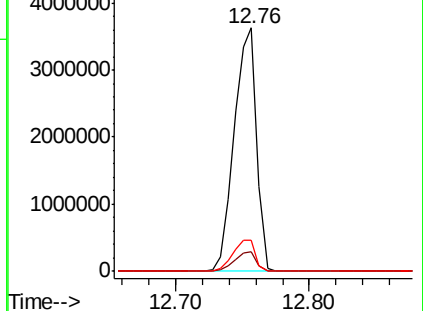
122 12.7 10.5 15.7



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: BF114808.D

Acq: 5 Jun 2019 9:33

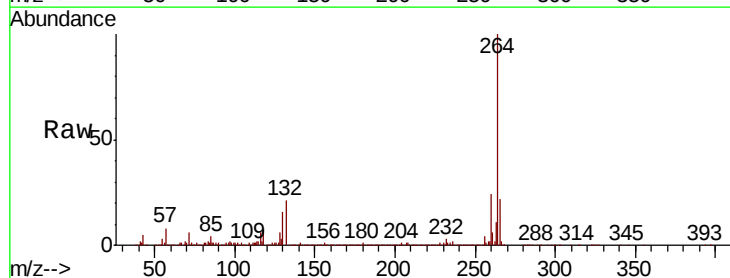
Tgt Ion:264 Resp: 1227926

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.9 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

