

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114406.D
 Acq On : 18 May 2019 23:14
 Operator : JU/SJ
 Sample : K2869-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

Quant Time: May 20 08:02:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	240571	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	932505	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	437971	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	860135	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	476345	20.00	ng	-0.03
87) Perylene-d12	15.46	264	508687	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1152147	77.07	ng	0.00
7) Phenol-d6	6.48	99	1671328	94.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1072535	64.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	218692	48.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1893599	65.40	ng	-0.02
79) Terphenyl-d14	12.93	244	1786884	77.33	ng	-0.02

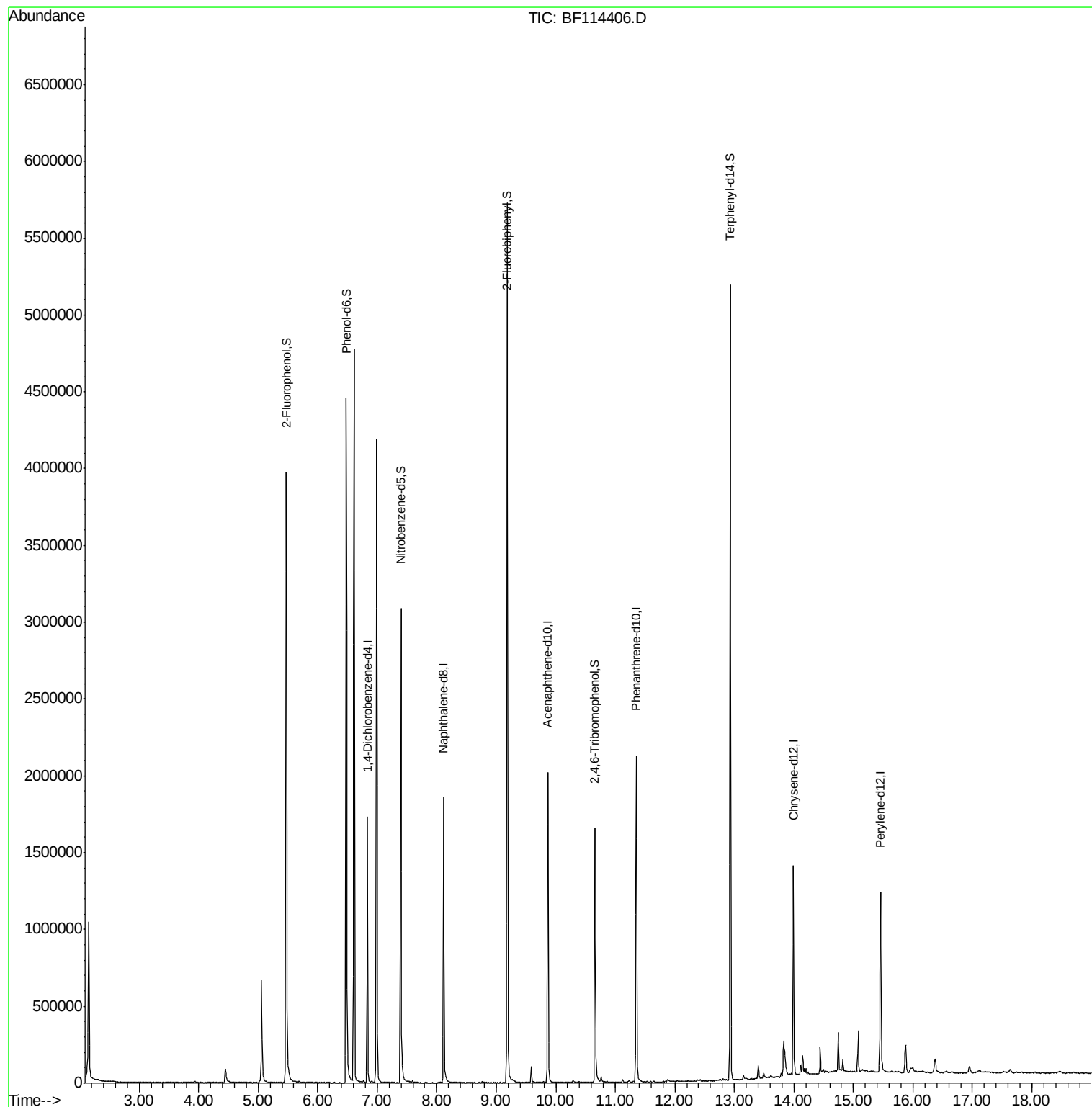
Target Compounds	Qvalue
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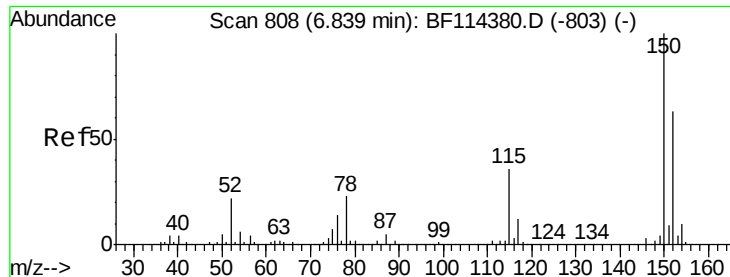
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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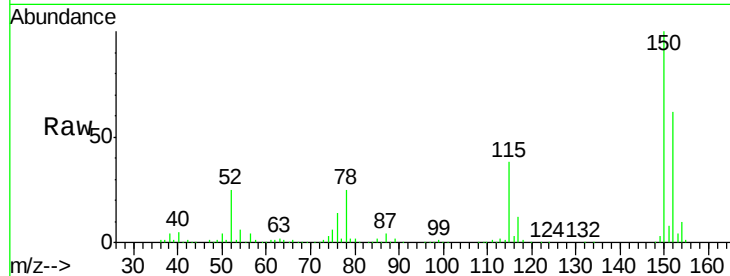


#1

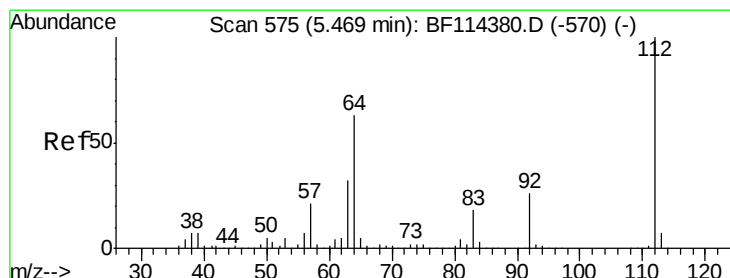
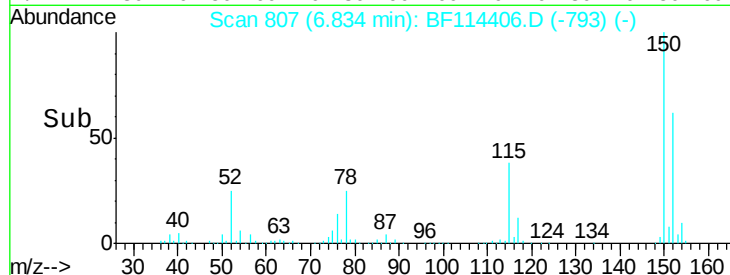
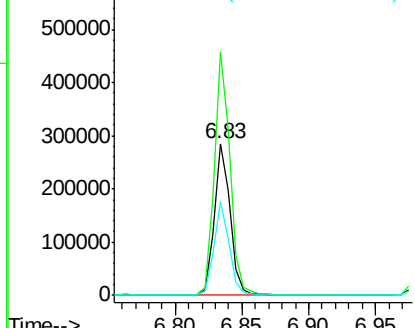
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114406.D
Acq: 18 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB

Tgt Ion:152 Resp: 240571
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 61.5 49.1 73.7



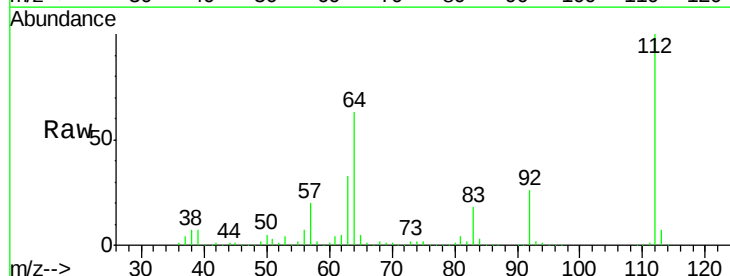
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



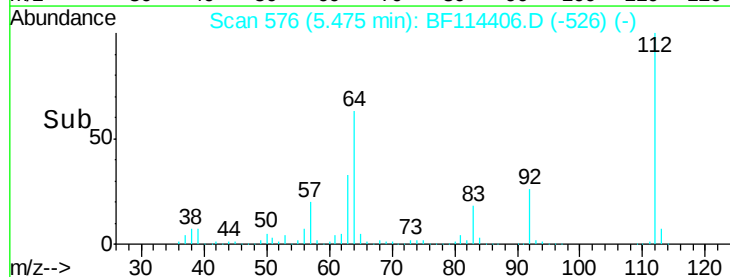
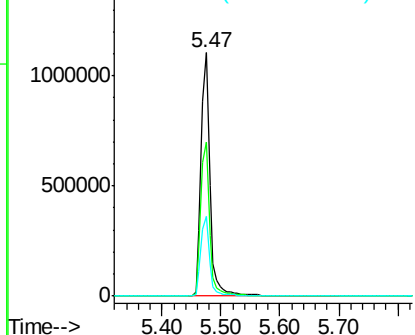
#5

2-Fluorophenol
Concen: 77.071 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114406.D
Acq: 18 May 2019 23:14

Tgt Ion:112 Resp: 1152147
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 32.7 24.6 37.0



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: 94.528 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114406.D

Acq: 18 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB

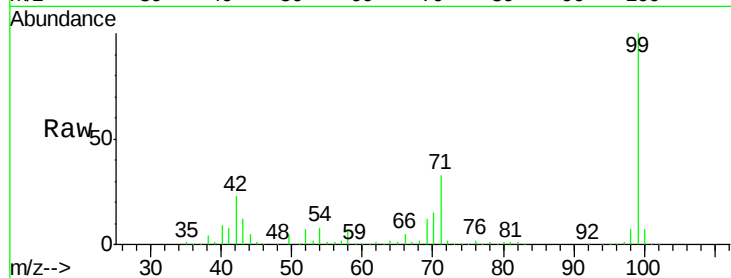
Tgt Ion: 99 Resp: 1671328

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

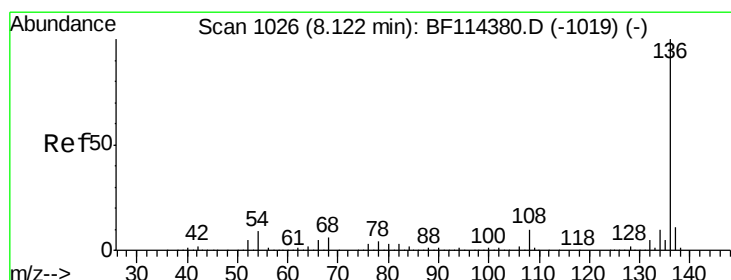
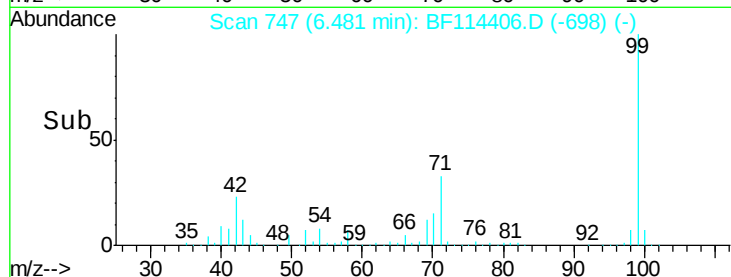
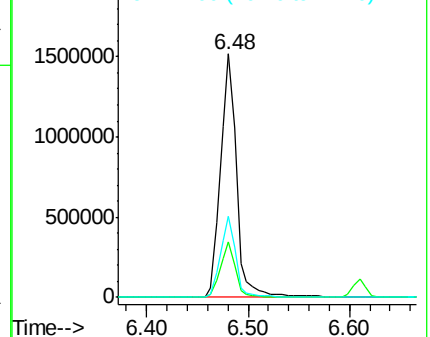
71 33.2 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114406.D

Acq: 18 May 2019 23:14

Tgt Ion: 136 Resp: 932505

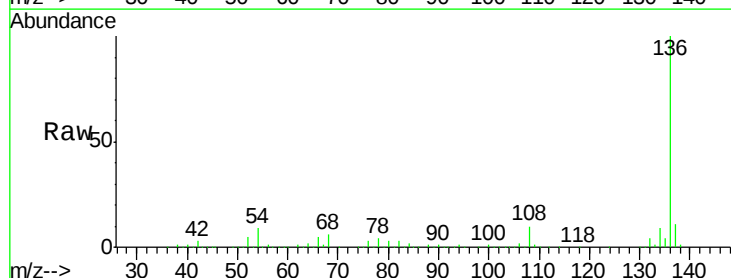
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.8 11.8

68 6.2 5.1 7.7

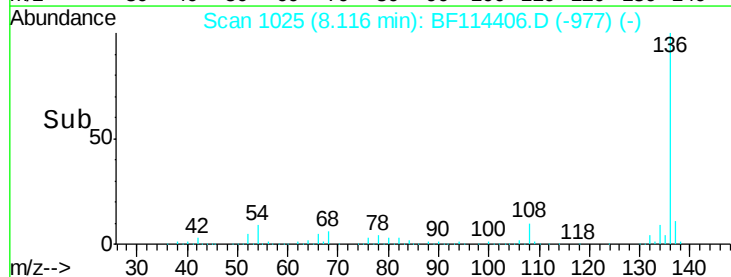
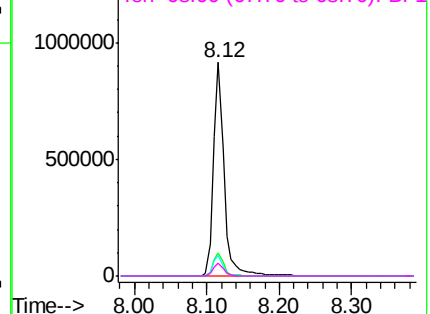


Abundance Ion 136.00 (135.70 to 136.70): E

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

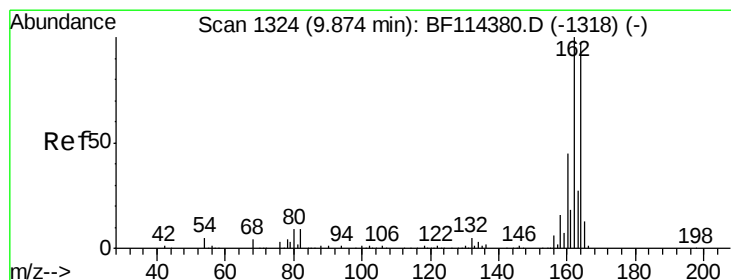
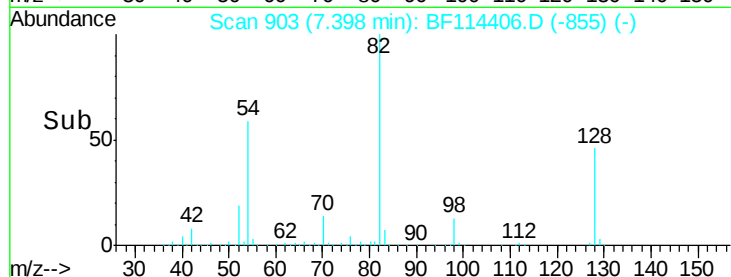
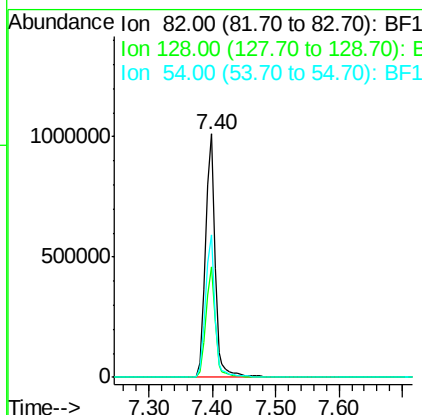
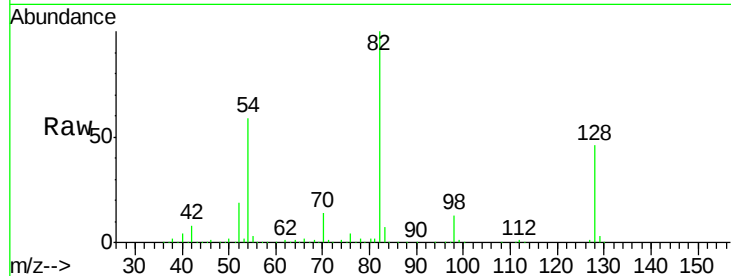




#23
 Nitrobenzene-d5
 Concen: 64.547 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

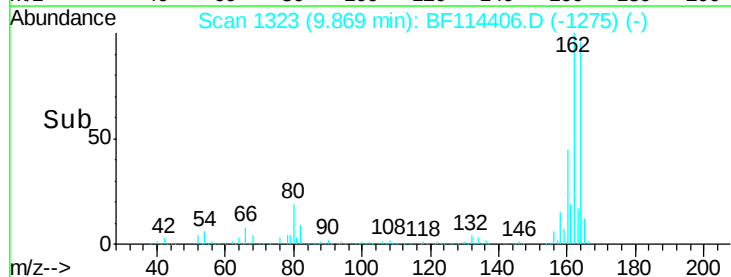
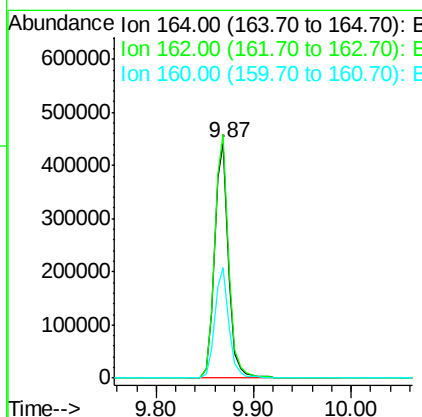
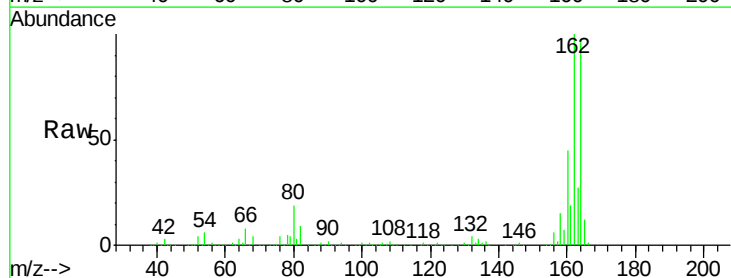
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

Tgt Ion: 82 Resp: 1072535
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.5 53.3
 54 58.7 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

Tgt Ion: 164 Resp: 437971
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.6 120.8
 160 46.9 36.5 54.7

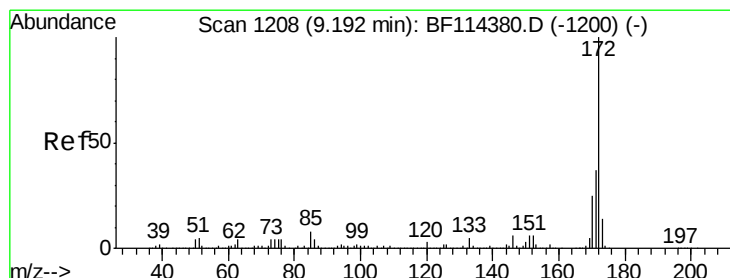
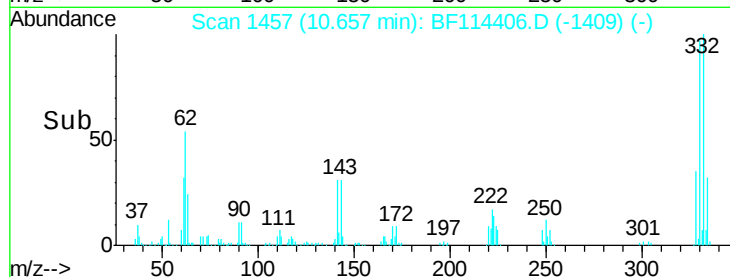
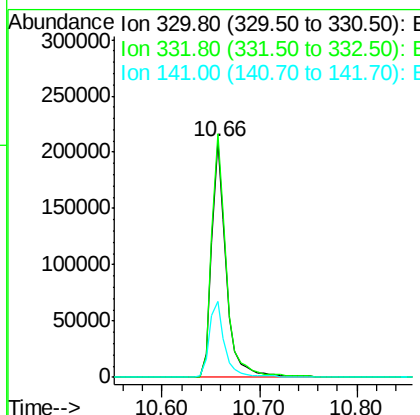
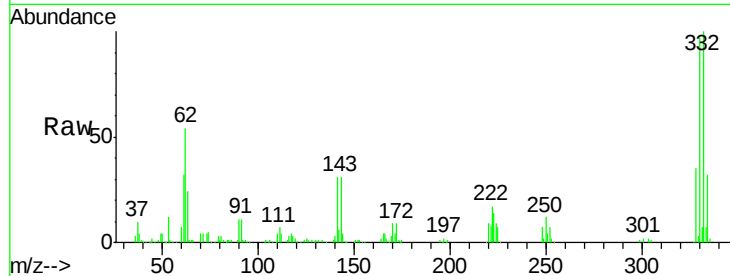




#42
 2,4,6-Tribromophenol
 Concen: 48.299 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

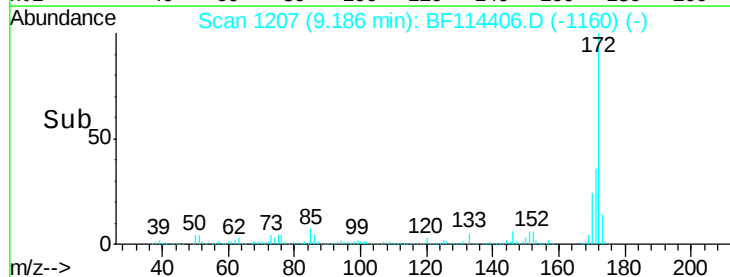
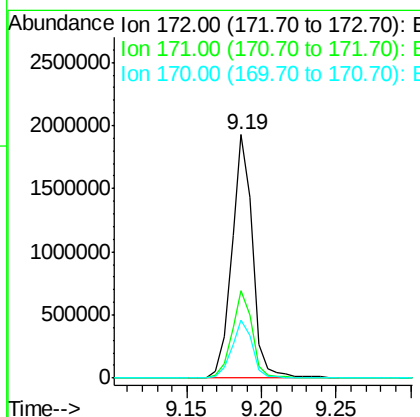
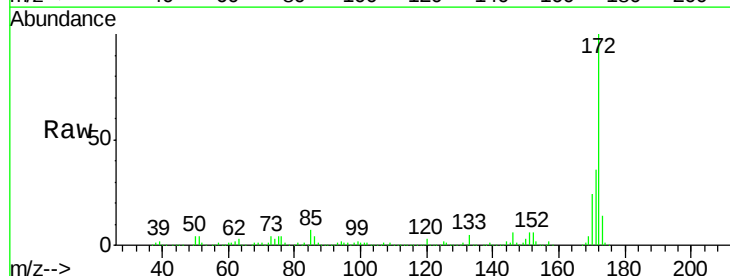
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

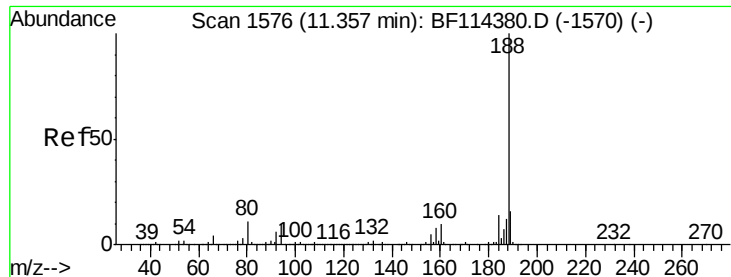
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	104.0	218692	81.4	122.2
141	33.8		26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 65.401 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1893599		
171	36.0		30.7	46.1
170	23.7		20.5	30.7

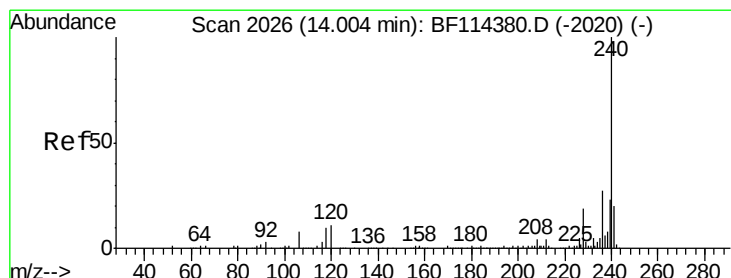
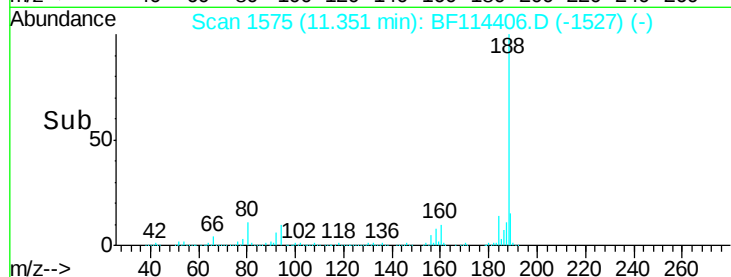
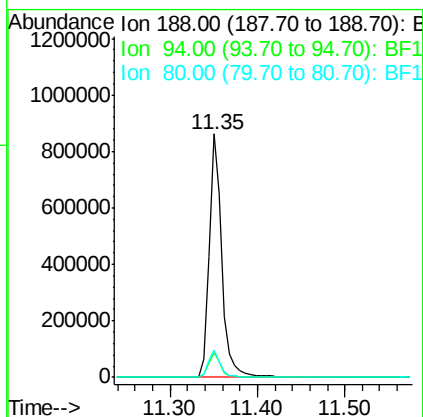
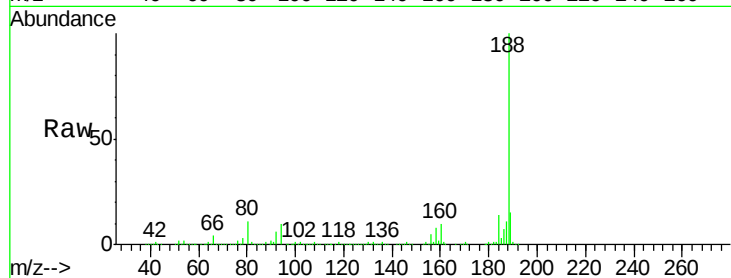




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114406.D
Acq: 18 May 2019 23:14

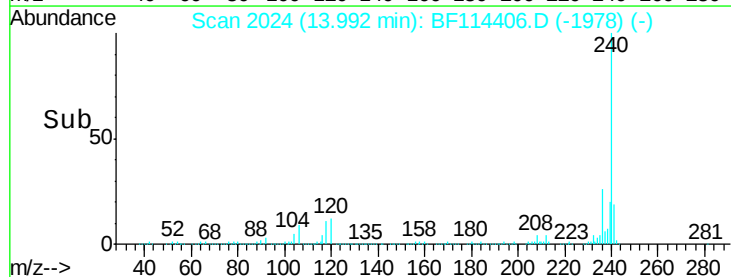
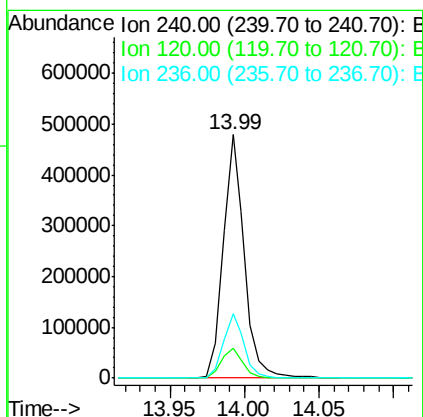
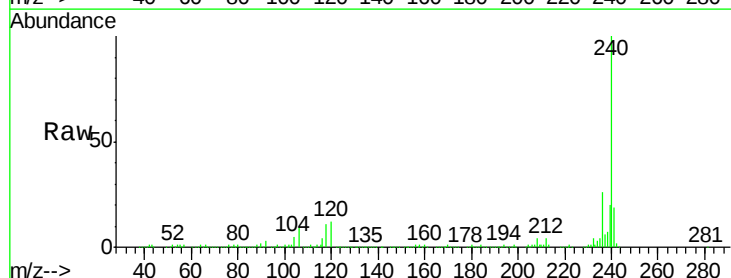
Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB

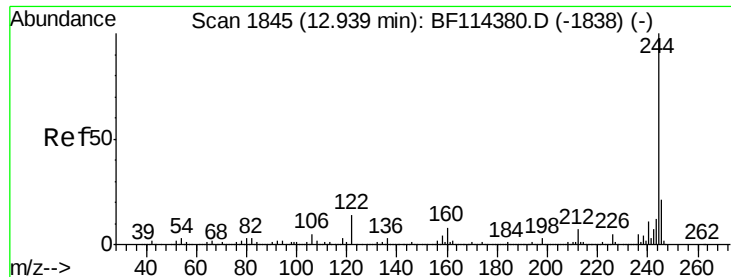
Tgt Ion:188 Resp: 860135
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114406.D
Acq: 18 May 2019 23:14

Tgt Ion:240 Resp: 476345
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 26.3 20.8 31.2

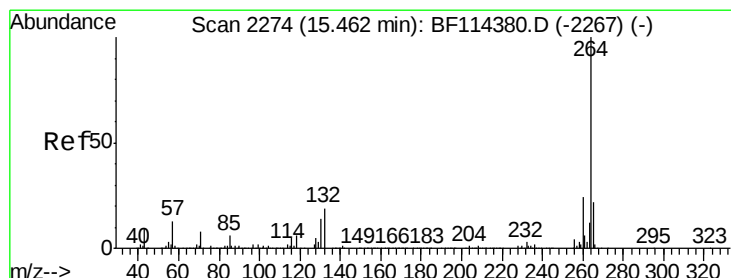
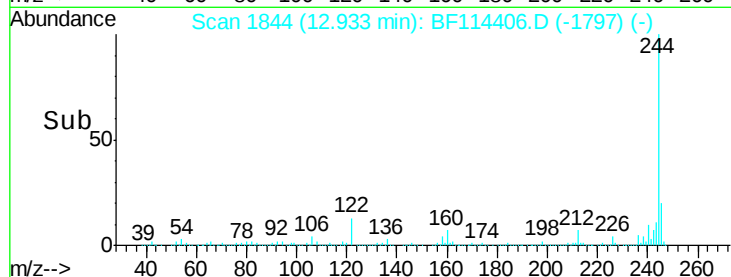
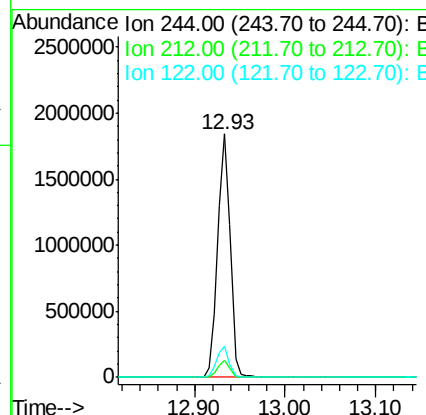
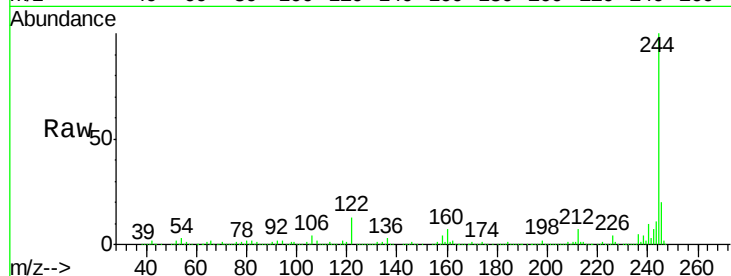




#79
 Terphenyl-d14
 Concen: 77.329 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

Tgt Ion:244 Resp: 1786884
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.7 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.05 min
 Lab File: BF114406.D
 Acq: 18 May 2019 23:14

Tgt Ion:264 Resp: 508687
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.3 16.9 25.3

