

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114460.D
 Acq On : 21 May 2019 17:10
 Operator : JU/SJ
 Sample : K2641-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719

Quant Time: May 22 06:36:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	199956	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	771777	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	357914	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	638841	20.00	ng	0.00
76) Chrysene-d12	14.00	240	376038	20.00	ng	0.00
87) Perylene-d12	15.47	264	389981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1477044	118.87	ng	0.00
7) Phenol-d6	6.48	99	1759522	119.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	1286244	93.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	493774	133.44	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2170096	91.72	ng	0.00
79) Terphenyl-d14	12.94	244	1769624	97.01	ng	0.00

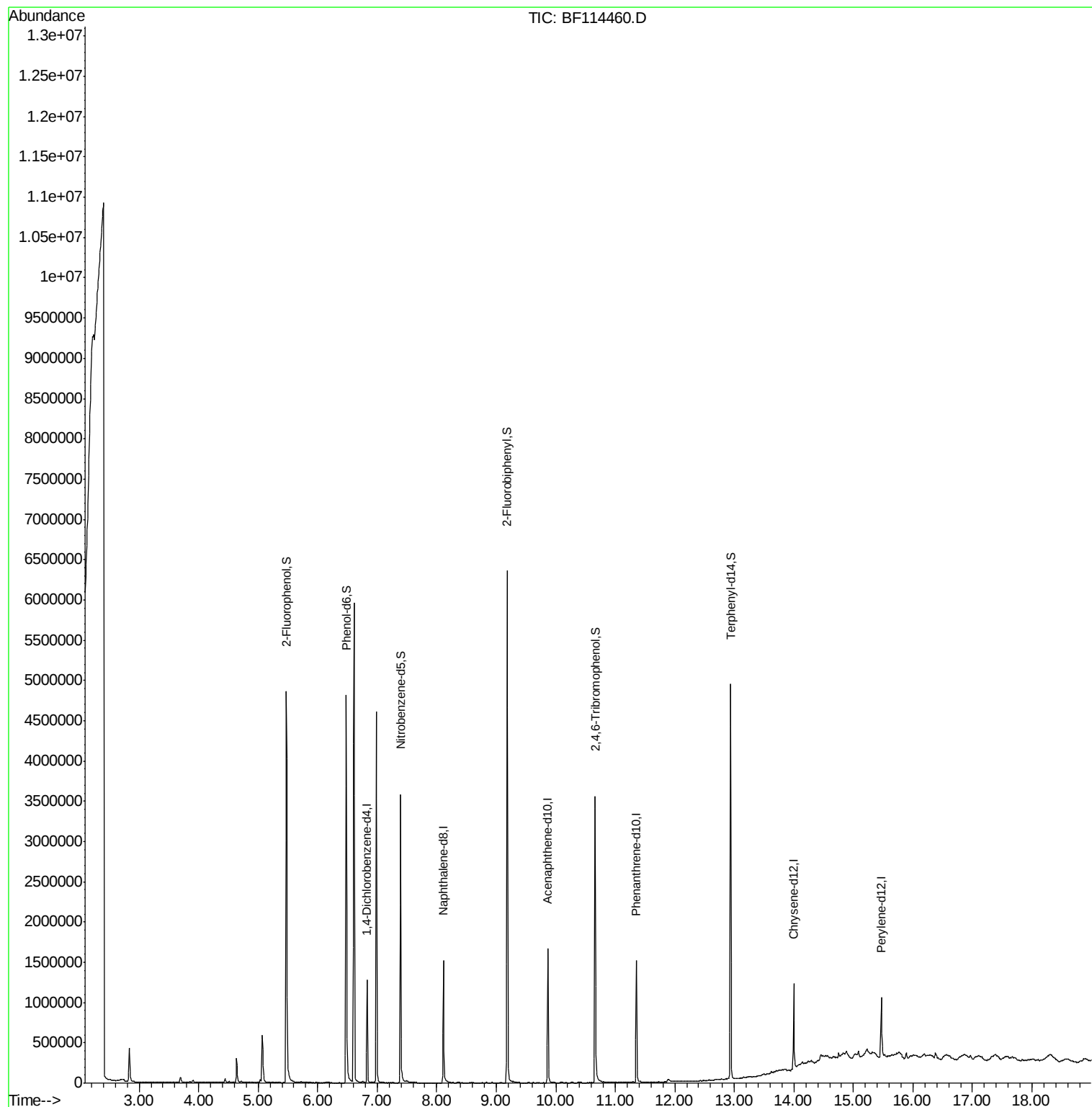
Target Compounds	Qvalue
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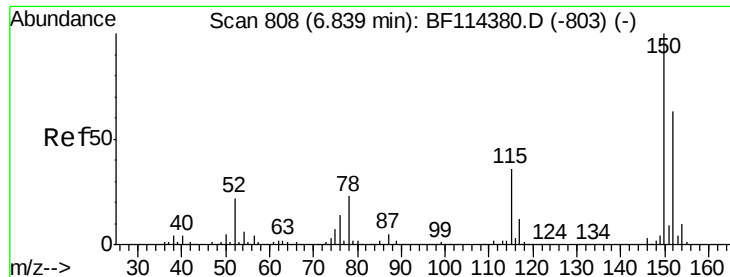
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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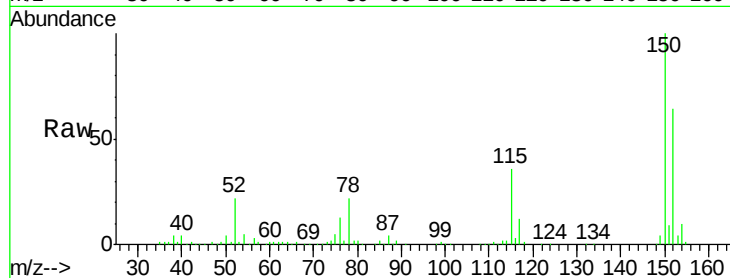


#1

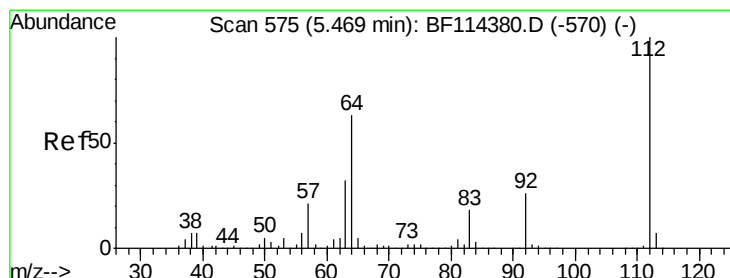
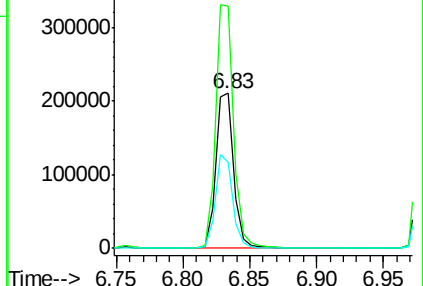
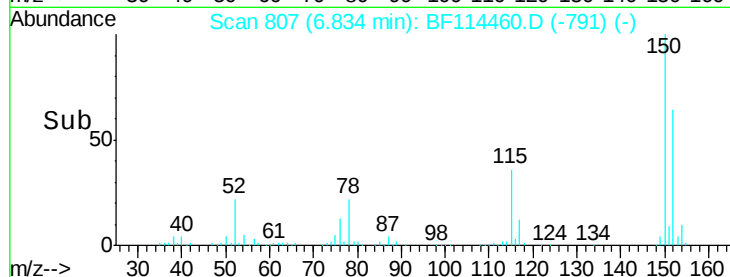
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719

Tgt Ion:152 Resp: 199956
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.3 186.5
 115 55.6 49.1 73.7



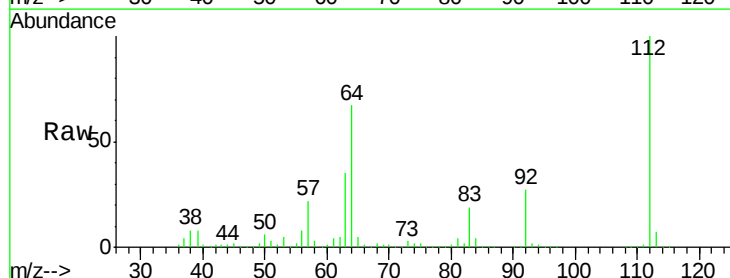
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



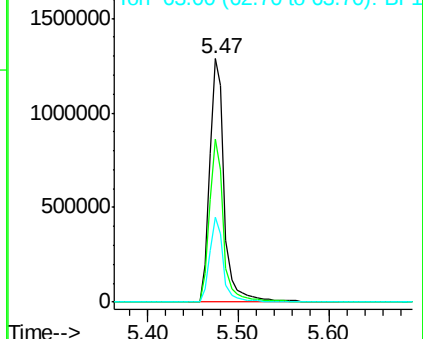
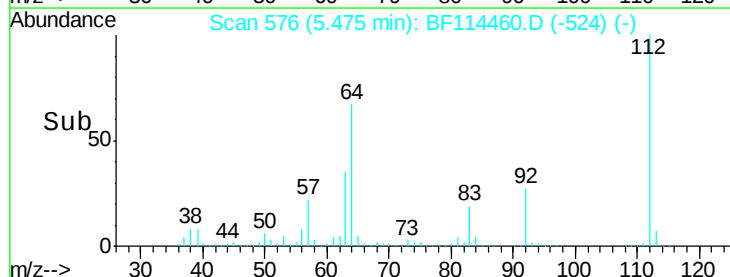
#5

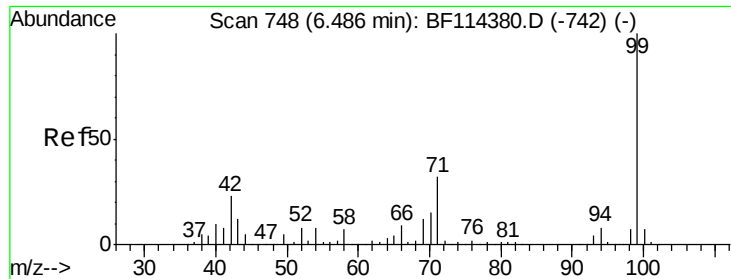
2-Fluorophenol
 Concen: 118.874 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

Tgt Ion:112 Resp: 1477044
 Ion Ratio Lower Upper
 112 100
 64 66.9 49.0 73.6
 63 34.7 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: 119.729 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114460.D

Acq: 21 May 2019 17:10

Instrument :

BNA_F

ClientSampleId :

CL-03-051719

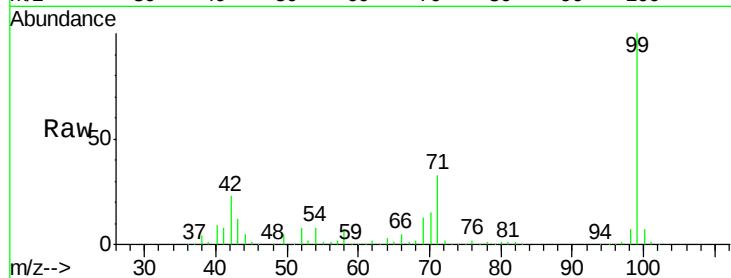
Tgt Ion: 99 Resp: 1759522

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

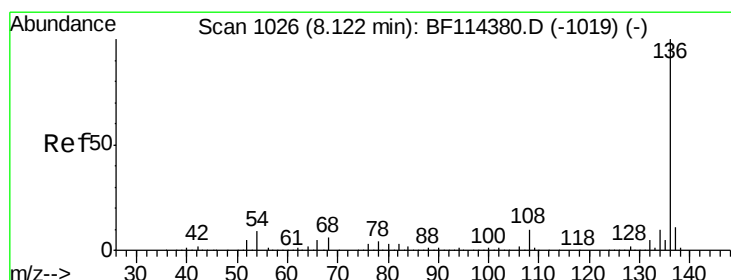
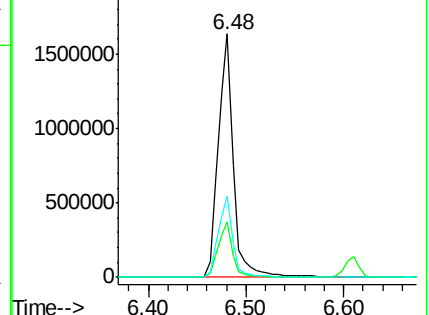
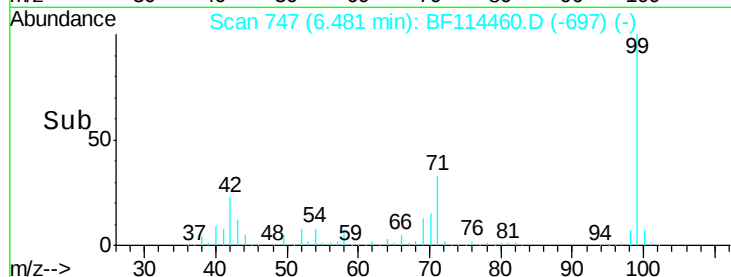
71 33.3 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114460.D

Acq: 21 May 2019 17:10

Tgt Ion: 136 Resp: 771777

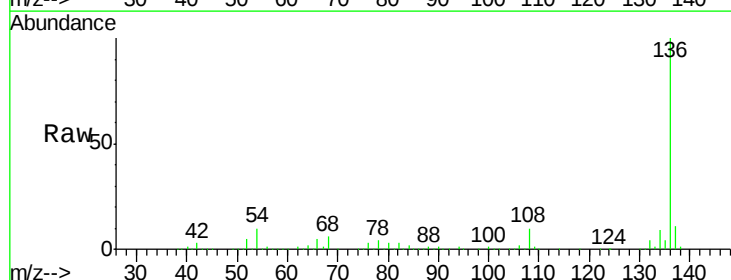
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.8 7.8 11.8

68 6.1 5.1 7.7

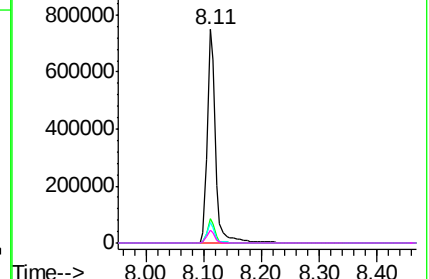
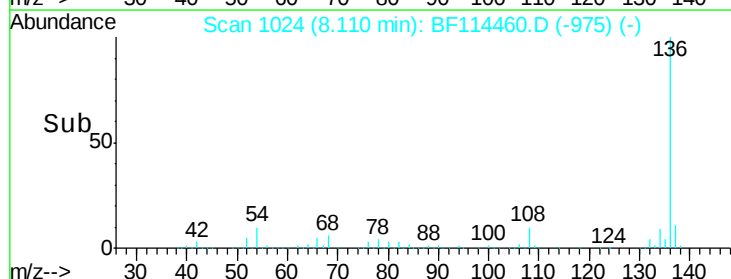


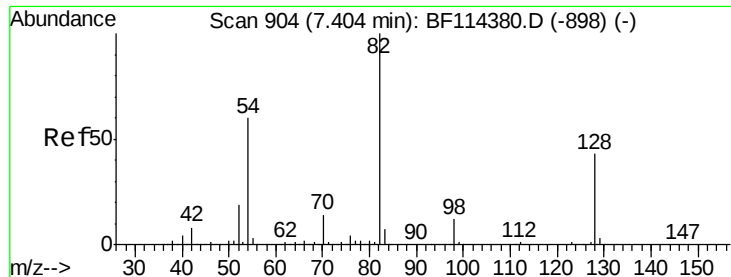
Abundance Ion 136.00 (135.70 to 136.70): E

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

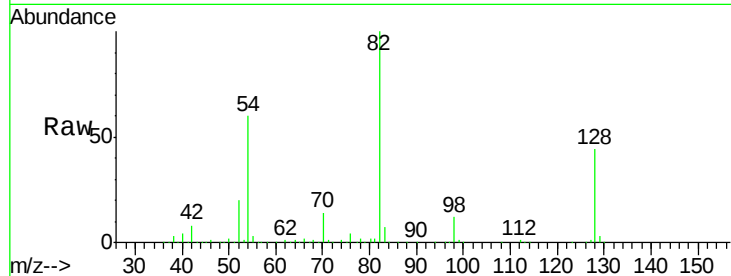




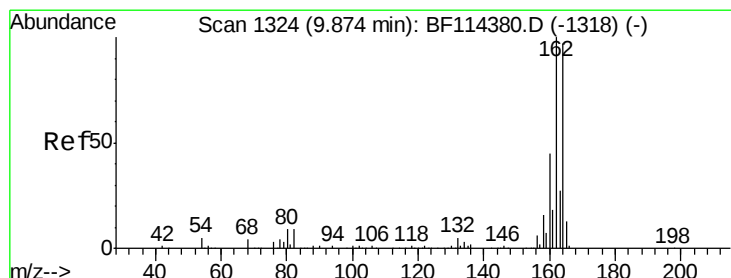
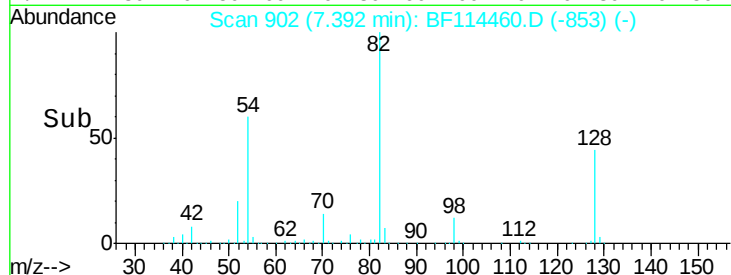
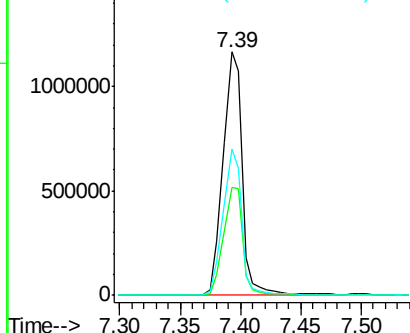
#23
 Nitrobenzene-d5
 Concen: 93.530 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719

Tgt Ion: 82 Resp: 1286244
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.5 53.3
 54 60.3 48.5 72.7

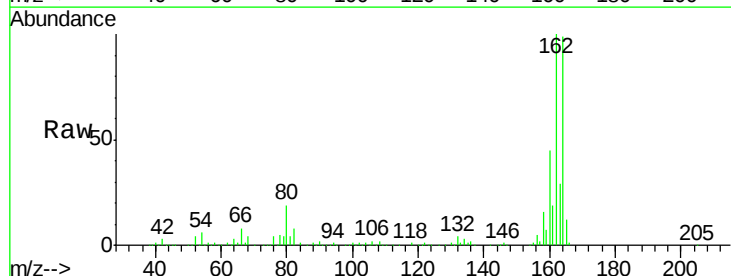


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

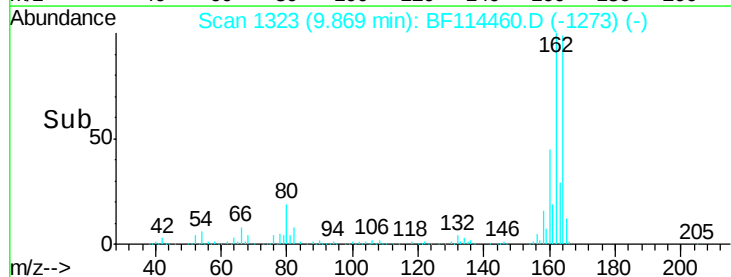
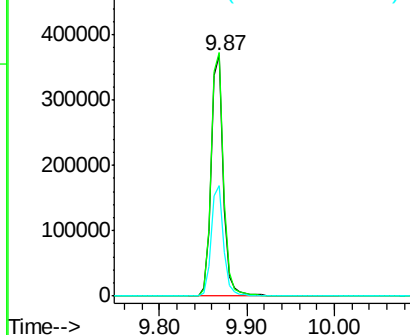


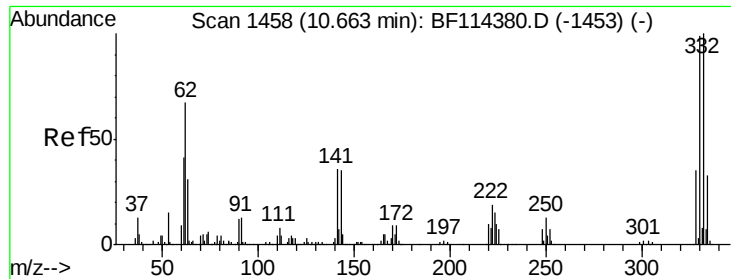
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

Tgt Ion: 164 Resp: 357914
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.6 120.8
 160 45.8 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

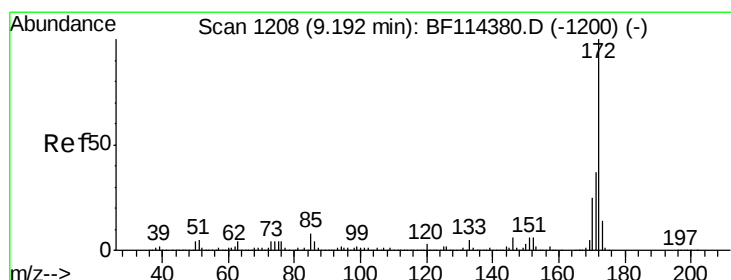
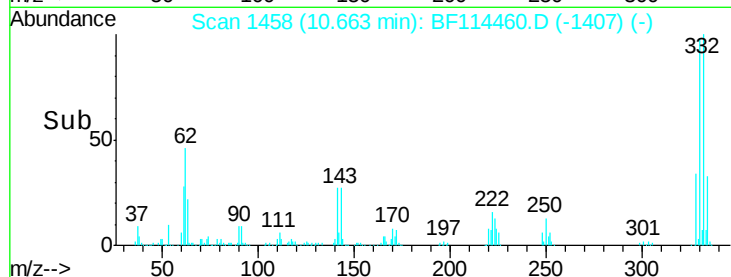
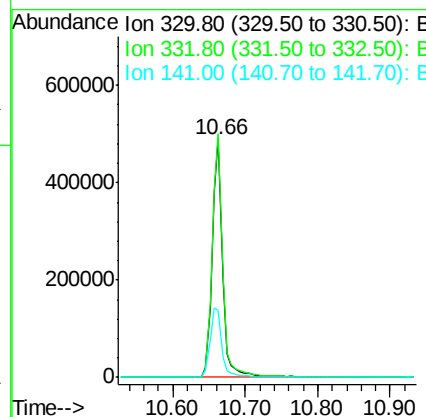
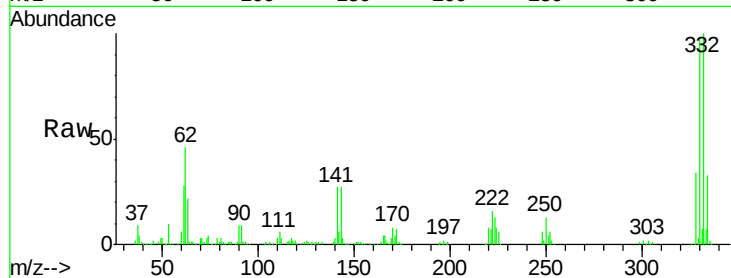




#42
 2,4,6-Tribromophenol
 Concen: 133.444 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

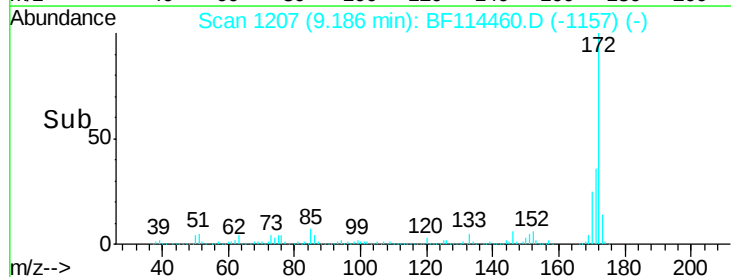
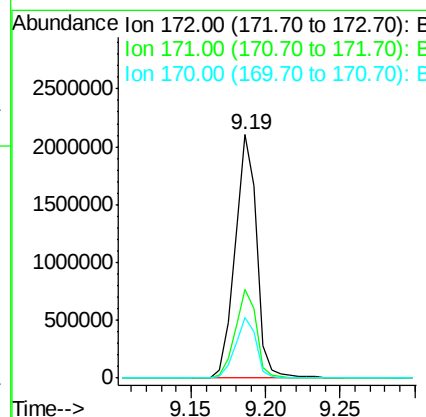
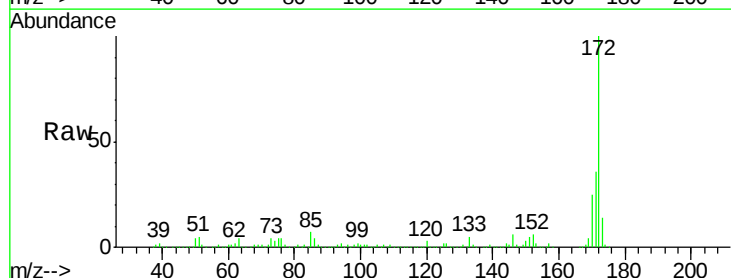
Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719

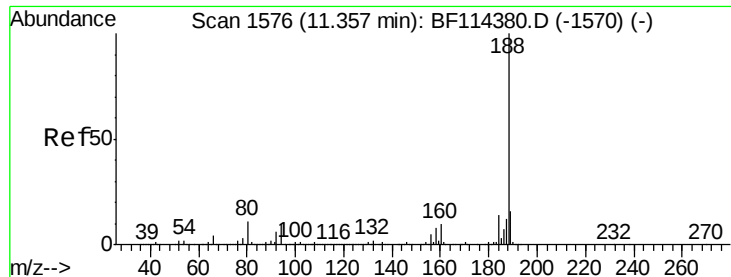
Tgt Ion:330 Resp: 493774
 Ion Ratio Lower Upper
 330 100
 332 102.6 81.4 122.2
 141 32.7 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 91.716 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114460.D
 Acq: 21 May 2019 17:10

Tgt Ion:172 Resp: 2170096
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.7 46.1
 170 24.8 20.5 30.7

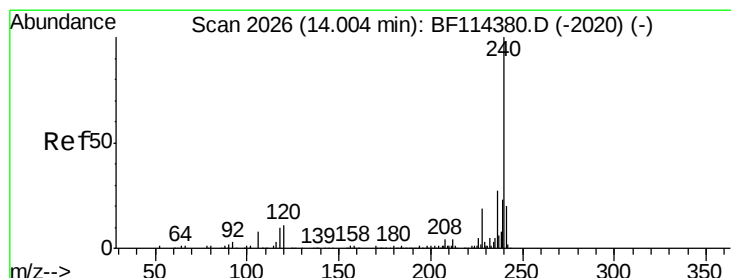
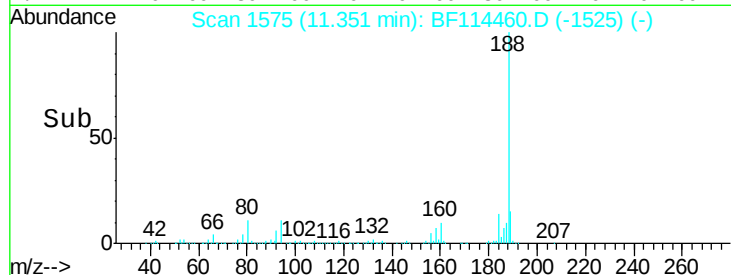
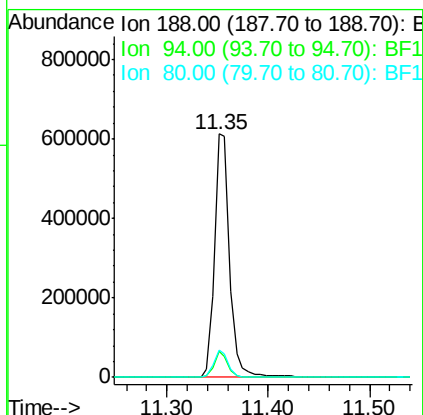
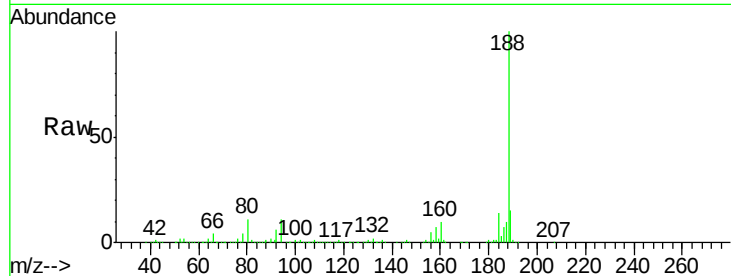




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114460.D
Acq: 21 May 2019 17:10

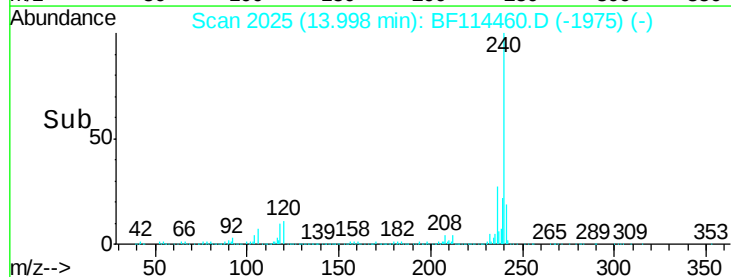
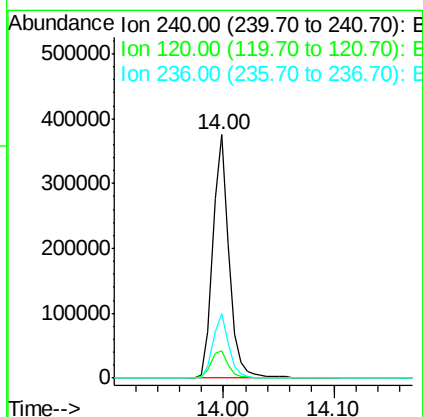
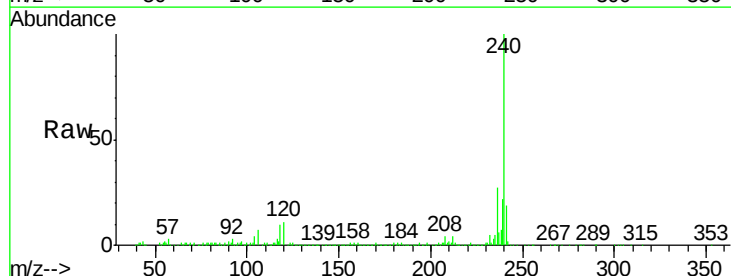
Instrument :
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CL-03-051719

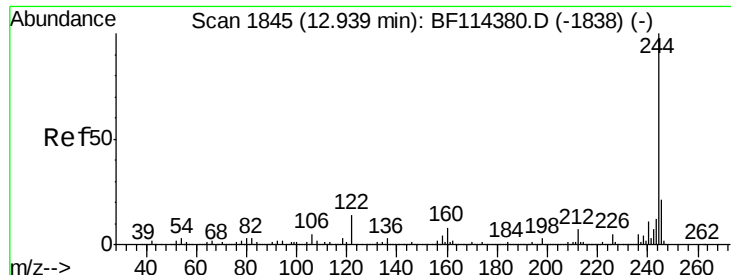
Tgt Ion:188 Resp: 638841
Ion Ratio Lower Upper
188 100
94 10.8 8.4 12.6
80 11.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114460.D
Acq: 21 May 2019 17:10

Tgt Ion:240 Resp: 376038
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.6 20.8 31.2





#79

Terphenyl-d14

Concen: 97.010 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114460.D

Acq: 21 May 2019 17:10

Instrument :

BNA_F

ClientSampleId :

CL-03-051719

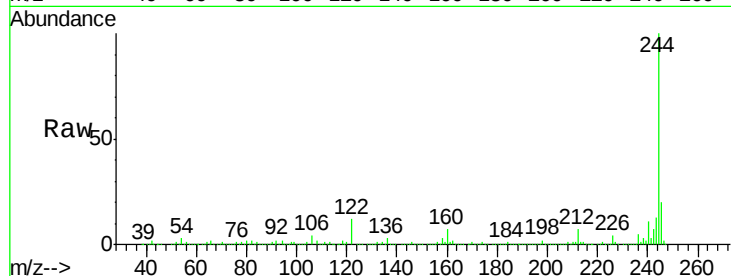
Tgt Ion:244 Resp: 1769624

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

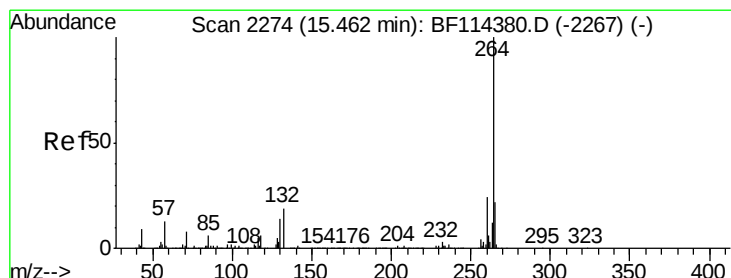
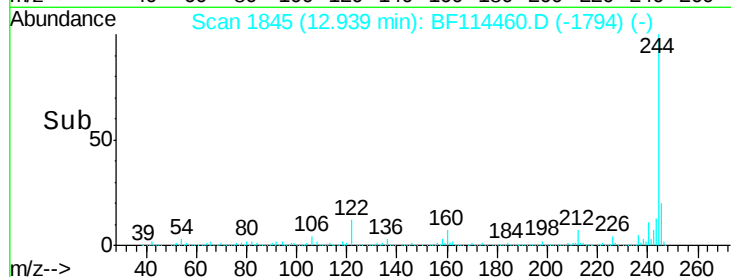
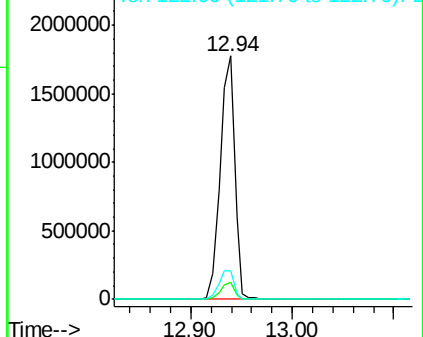
122 11.8 9.4 14.2



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: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114460.D

Acq: 21 May 2019 17:10

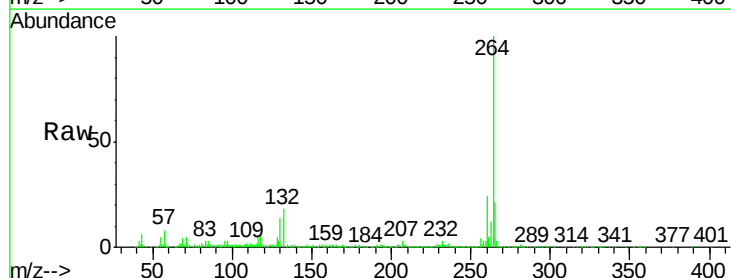
Tgt Ion:264 Resp: 389981

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 20.8 16.9 25.3



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

