

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114153.D
 Acq On : 11 May 2019 13:34
 Operator : JU/SJ
 Sample : K2781-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

Quant Time: May 13 07:32:42 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	6.85	152	283497	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1082196	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	531419	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1002836	20.00	ng	0.00
76) Chrysene-d12	14.00	240	703330	20.00	ng	-0.02
87) Perylene-d12	15.47	264	709094	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	930919	52.84	ng	0.00
7) Phenol-d6	6.48	99	802948	38.54	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1700990	88.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	632081	115.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2827636	80.49	ng	0.00
79) Terphenyl-d14	12.95	244	2986935	87.55	ng	0.00

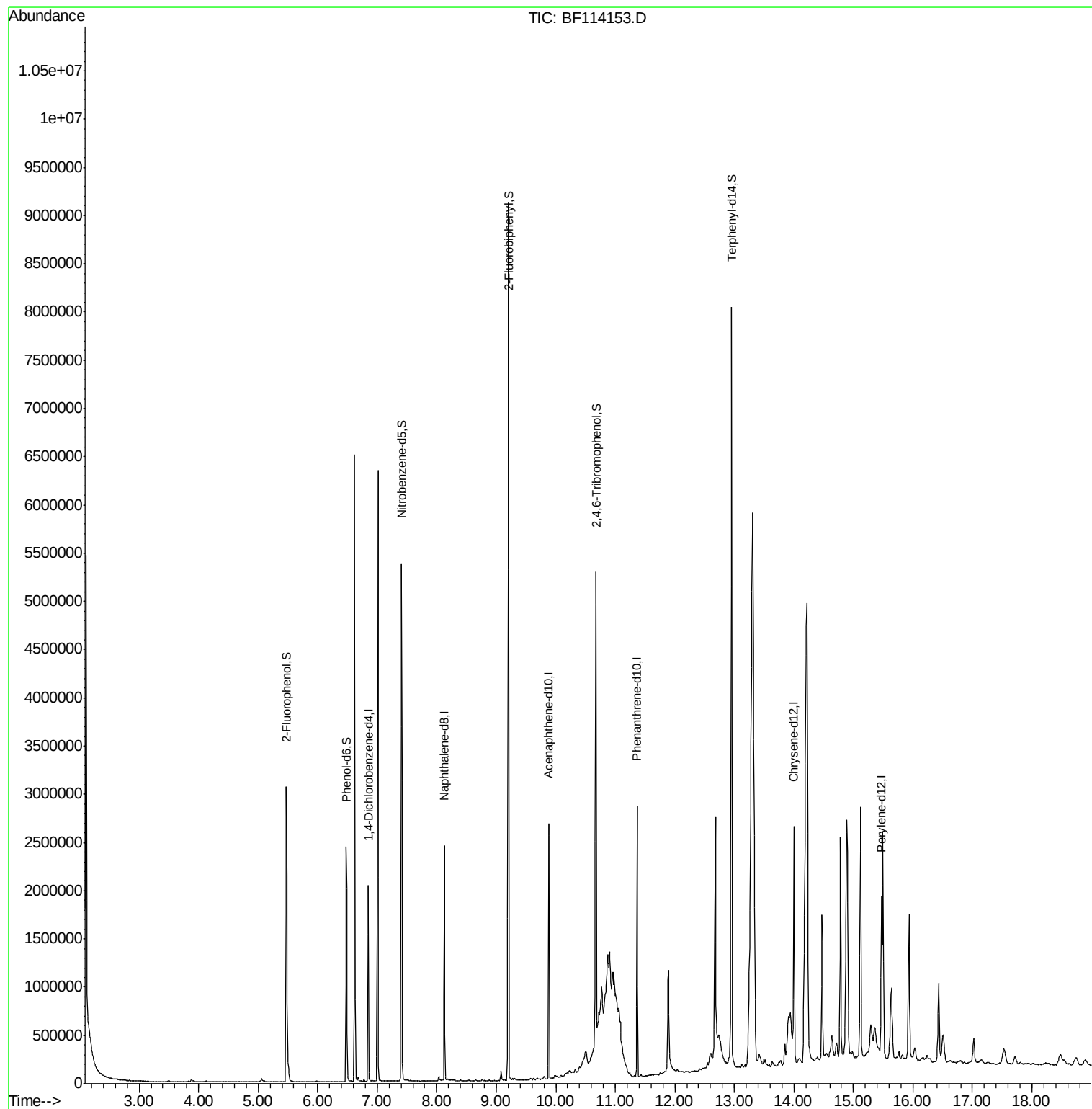
Target Compounds Qvalue

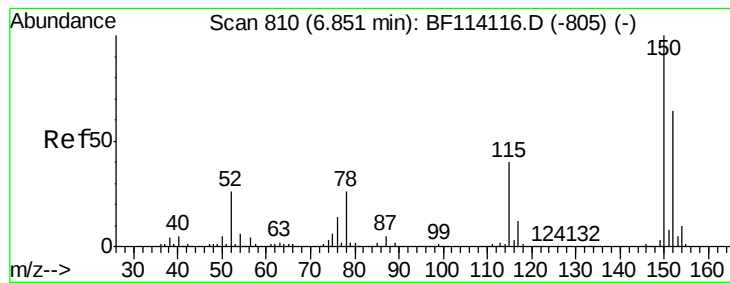
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

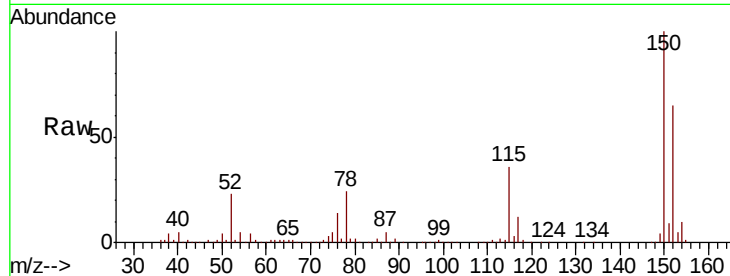
Tot Ion:152 Resp: 283497

Ion Ratio Lower Upper

152 100

150 154.3 124.3 186.5

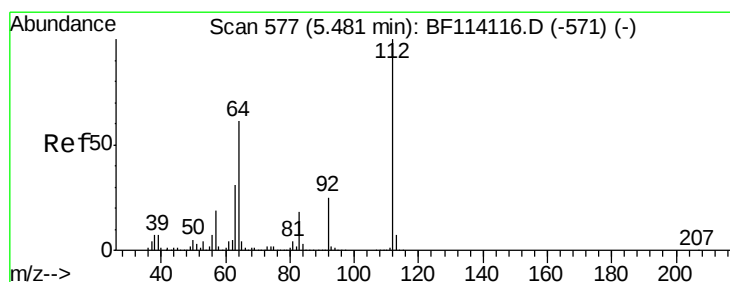
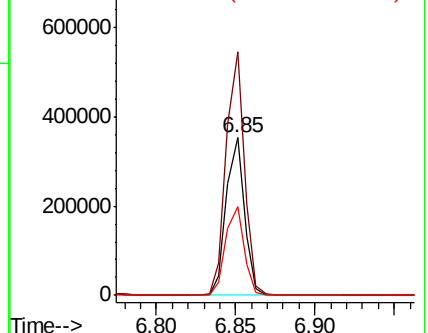
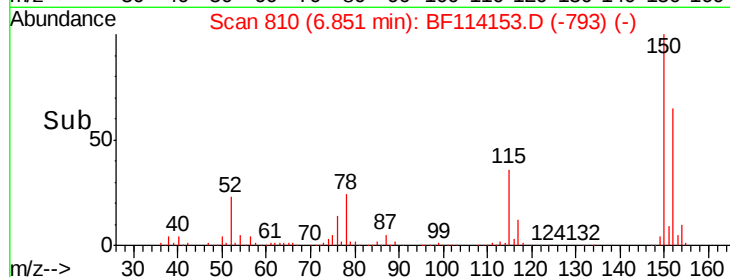
115 56.1 49.1 73.7



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: 52.843 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

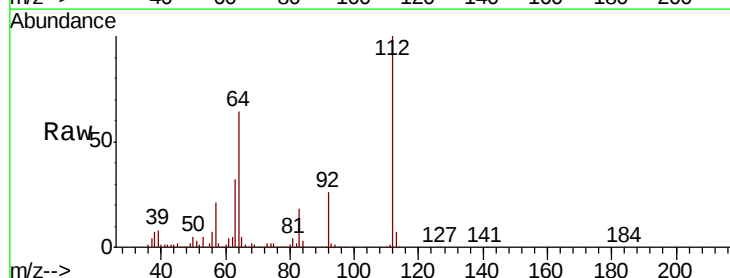
Tgt Ion:112 Resp: 930919

Ion Ratio Lower Upper

112 100

64 64.0 49.0 73.6

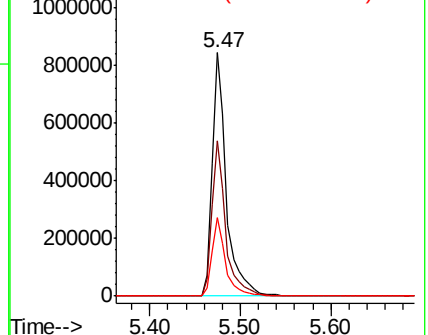
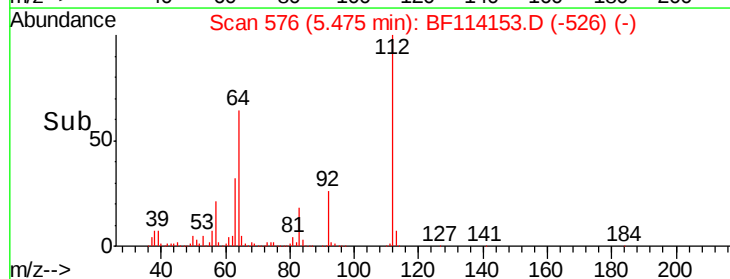
63 32.0 24.6 37.0



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: 38.537 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

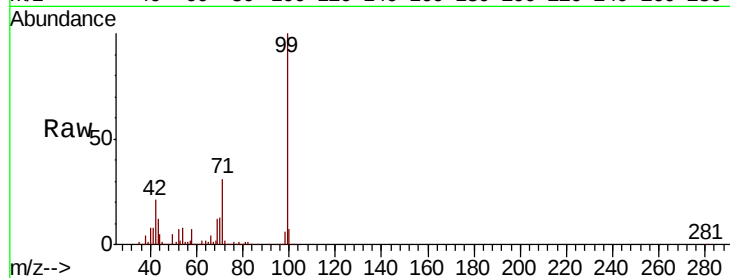
Tot Ion: 99 Resp: 802948

Ion Ratio Lower Upper

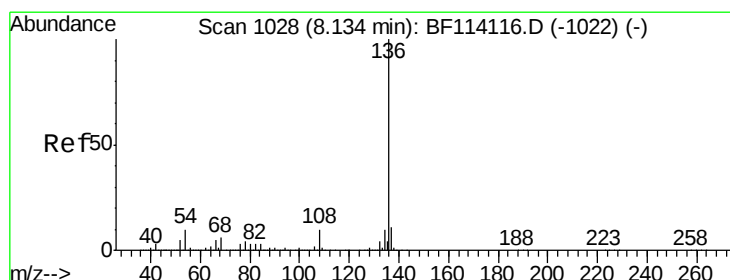
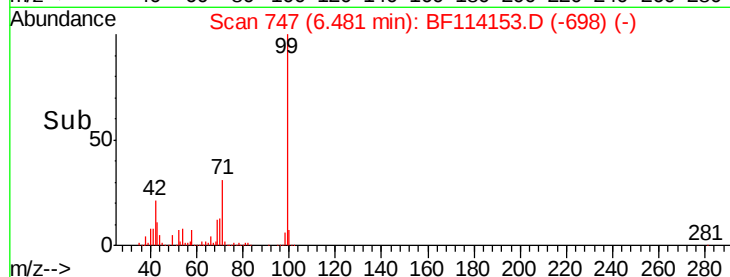
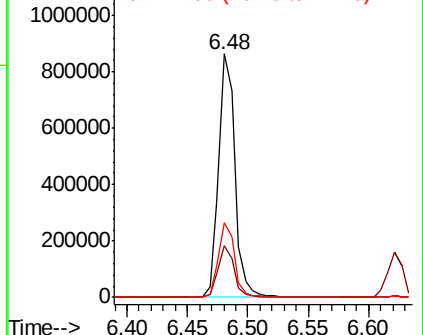
99 100

42 21.3 17.9 26.9

71 30.7 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Tgt Ion: 136 Resp: 1082196

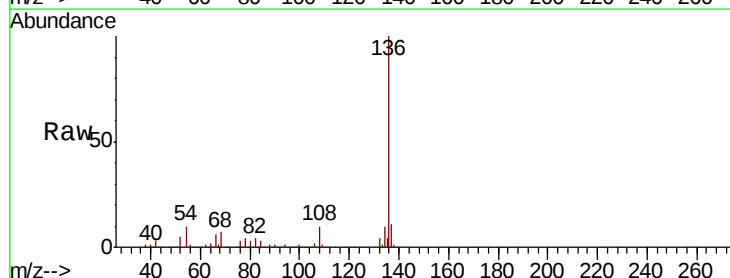
Ion Ratio Lower Upper

136 100

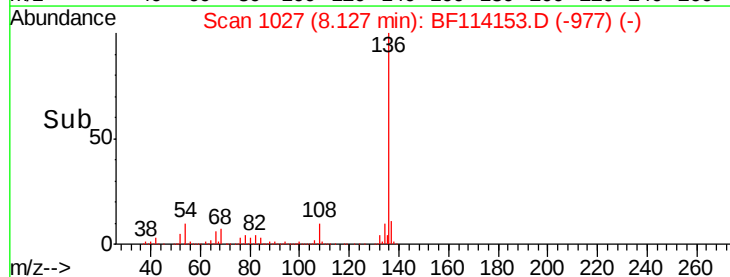
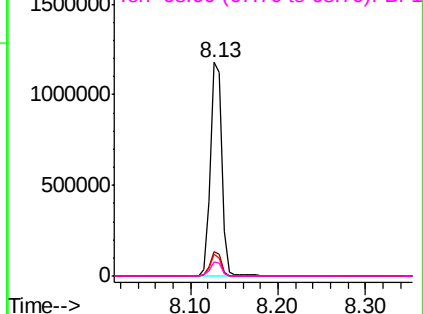
137 11.3 8.8 13.2

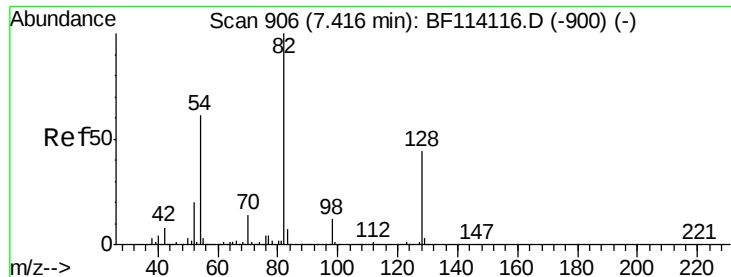
54 10.1 7.8 11.8

68 6.9 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

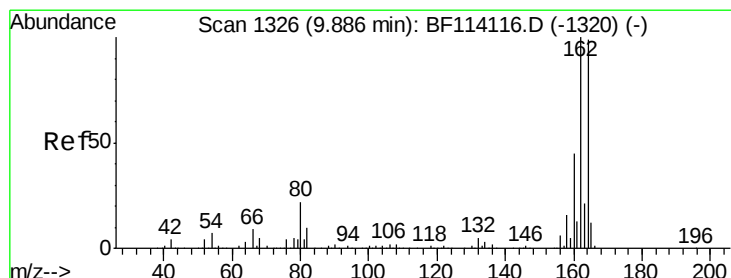
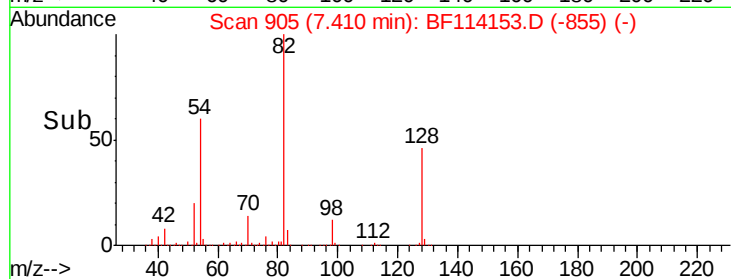
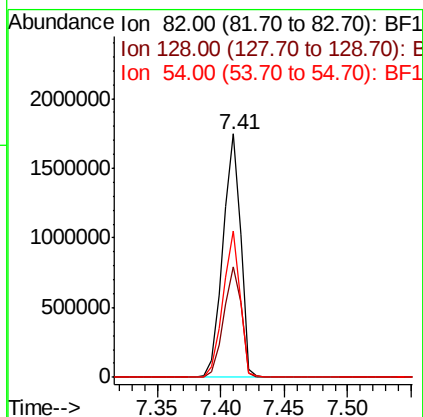
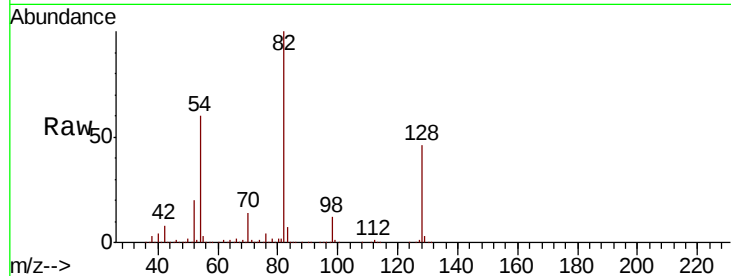




#23
Nitrobenzene-d5
Concen: 88.209 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

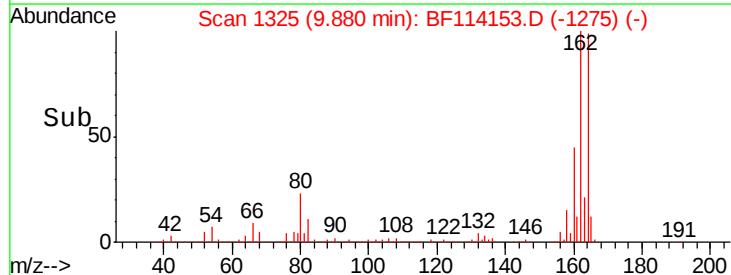
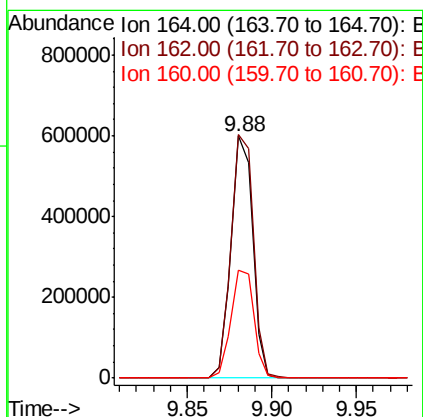
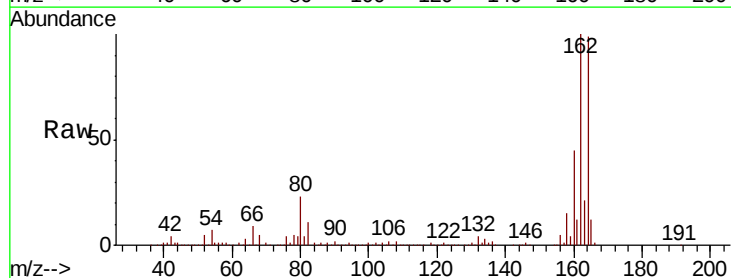
Instrument :
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OUTFALL001-WK-2

Tot Ion: 82 Resp: 1700990
Ion Ratio Lower Upper
82 100
128 45.6 35.5 53.3
54 60.1 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114153.D
Acq: 11 May 2019 13:34

Tgt Ion: 164 Resp: 531419
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.8 36.5 54.7

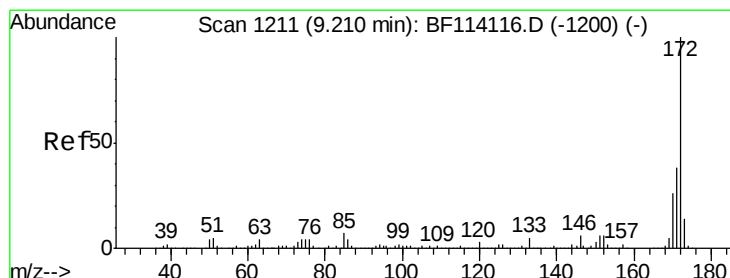
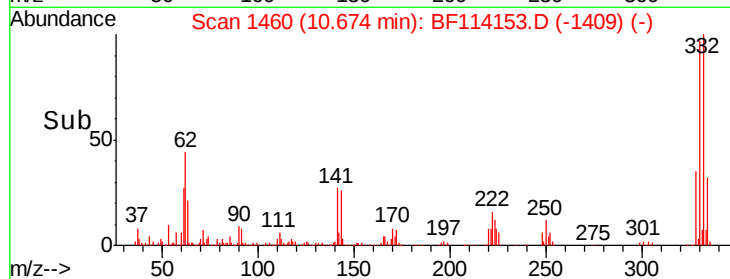
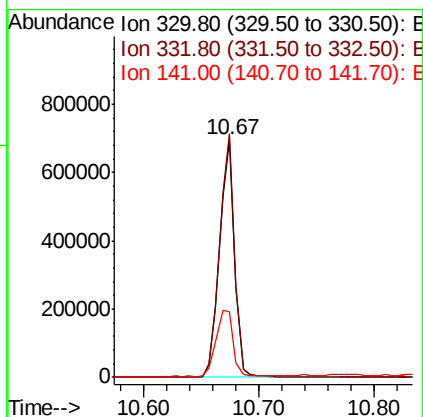
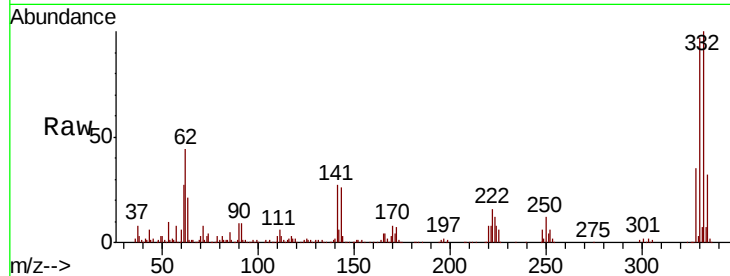




#42
 2,4,6-Tribromophenol
 Concen: 115.050 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

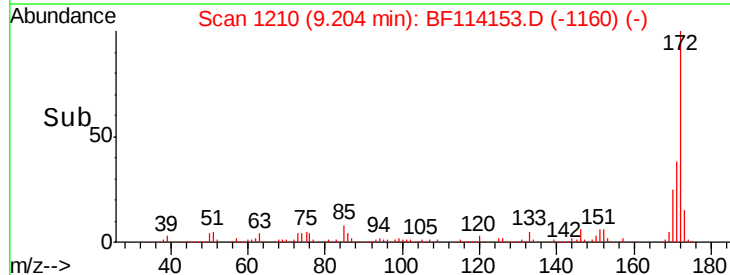
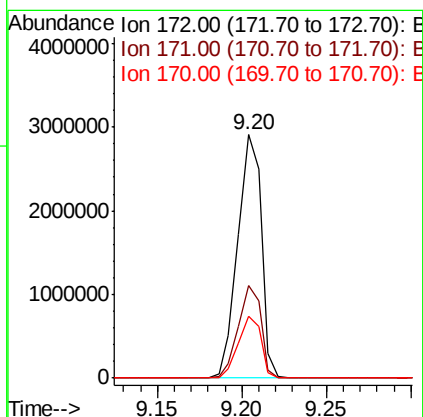
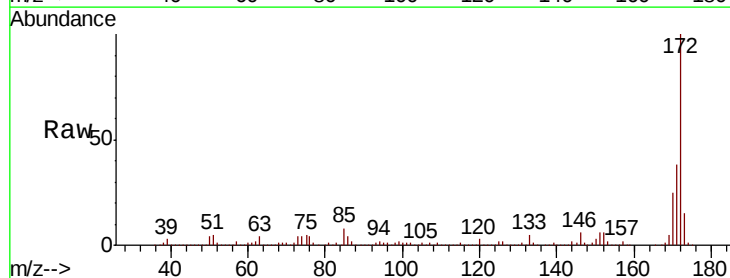
Instrument :
 BNA_F
 ClientSampleId :
 OUTFALL001-WK-2

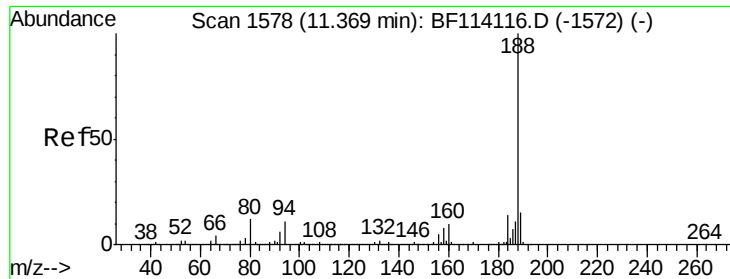
Tot Ion:330 Resp: 632081
 Ion Ratio Lower Upper
 330 100
 332 102.1 81.4 122.2
 141 32.8 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 80.488 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114153.D
 Acq: 11 May 2019 13:34

Tgt Ion:172 Resp: 2827636
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.7 46.1
 170 25.5 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

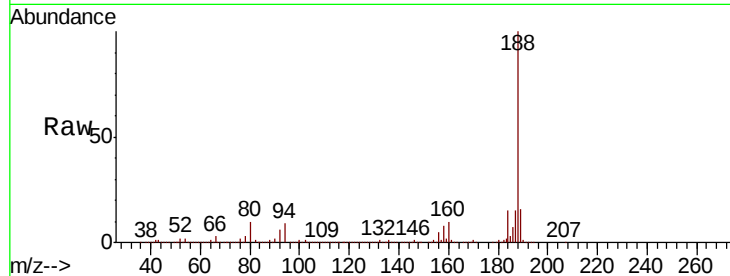
Tot Ion:188 Resp: 1002836

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

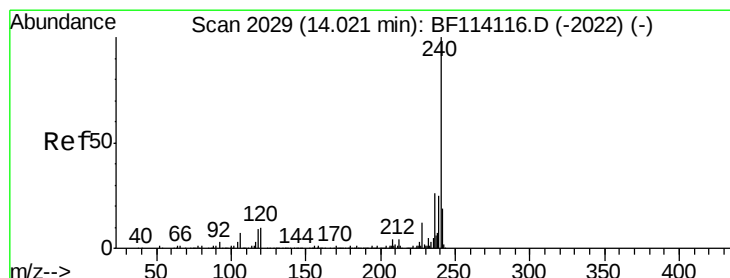
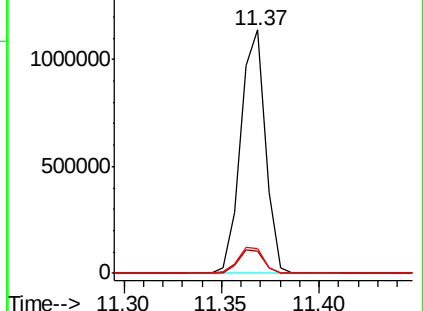
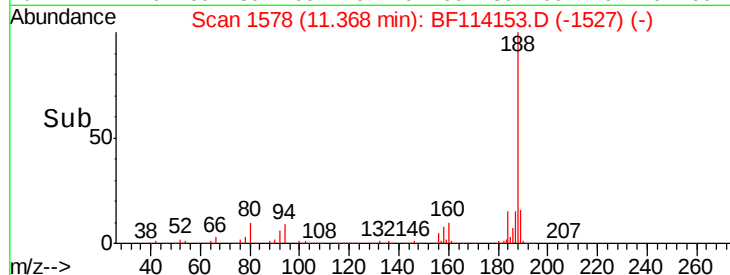
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

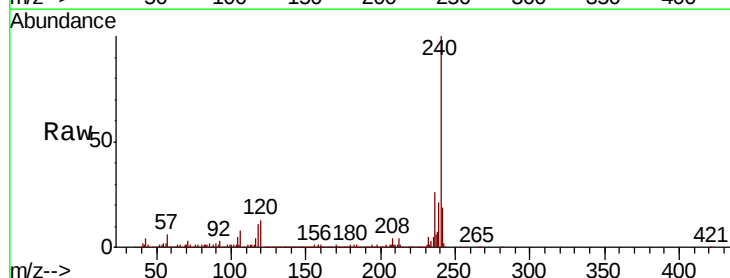
Tgt Ion:240 Resp: 703330

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

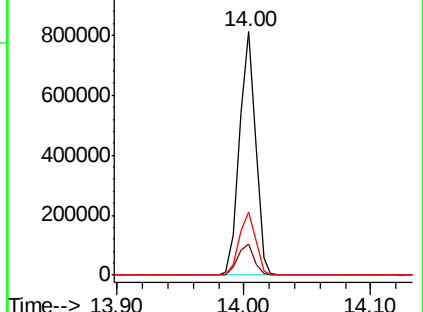
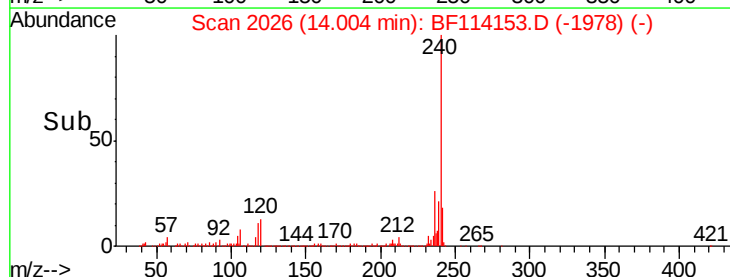
236 25.8 20.8 31.2

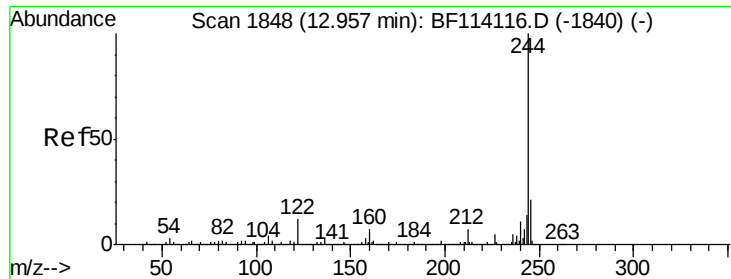


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.546 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

Instrument :

BNA_F

ClientSampleId :

OUTFALL001-WK-2

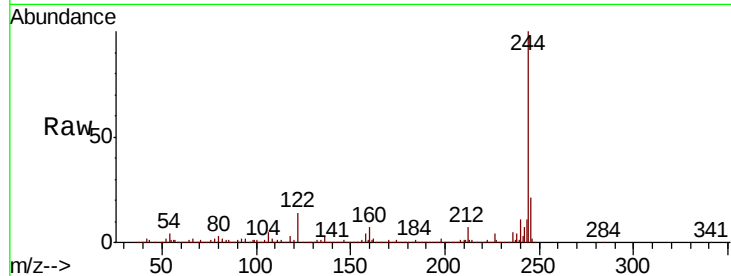
Tot Ion:244 Resp: 2986935

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

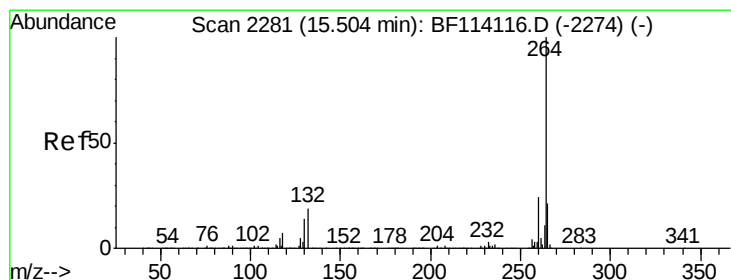
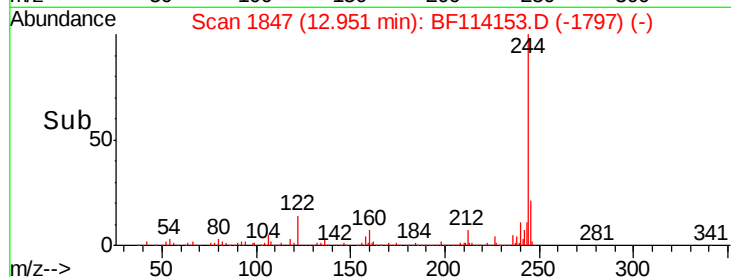
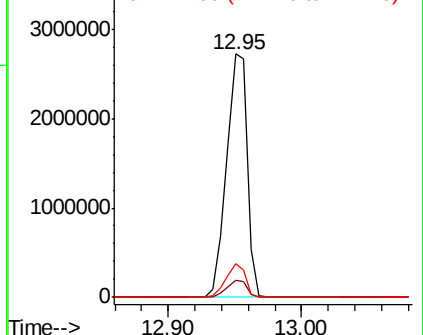
122 13.7 9.4 14.2



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# 2276

Delta R.T. -0.03 min

Lab File: BF114153.D

Acq: 11 May 2019 13:34

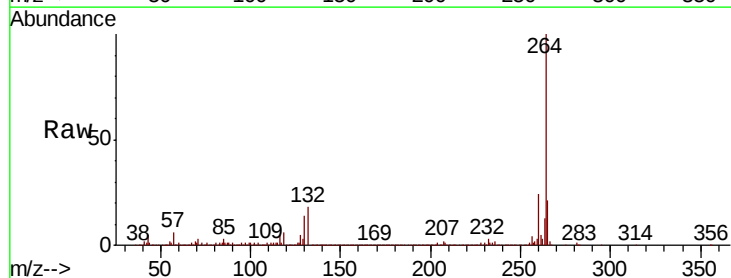
Tgt Ion:264 Resp: 709094

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.3 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

