

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114343.D
 Acq On : 17 May 2019 12:21
 Operator : JU/SJ
 Sample : K2865-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

Quant Time: May 18 05:03:53 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	190231	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	730913	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	346348	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	728185	20.00	ng	0.00
76) Chrysene-d12	14.01	240	540737	20.00	ng	-0.01
87) Perylene-d12	15.50	264	526764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1351288	114.31	ng	0.00
7) Phenol-d6	6.49	99	1620956	115.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	1177677	90.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	494174	138.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2008466	87.72	ng	-0.01
79) Terphenyl-d14	12.95	244	2243852	85.54	ng	0.00

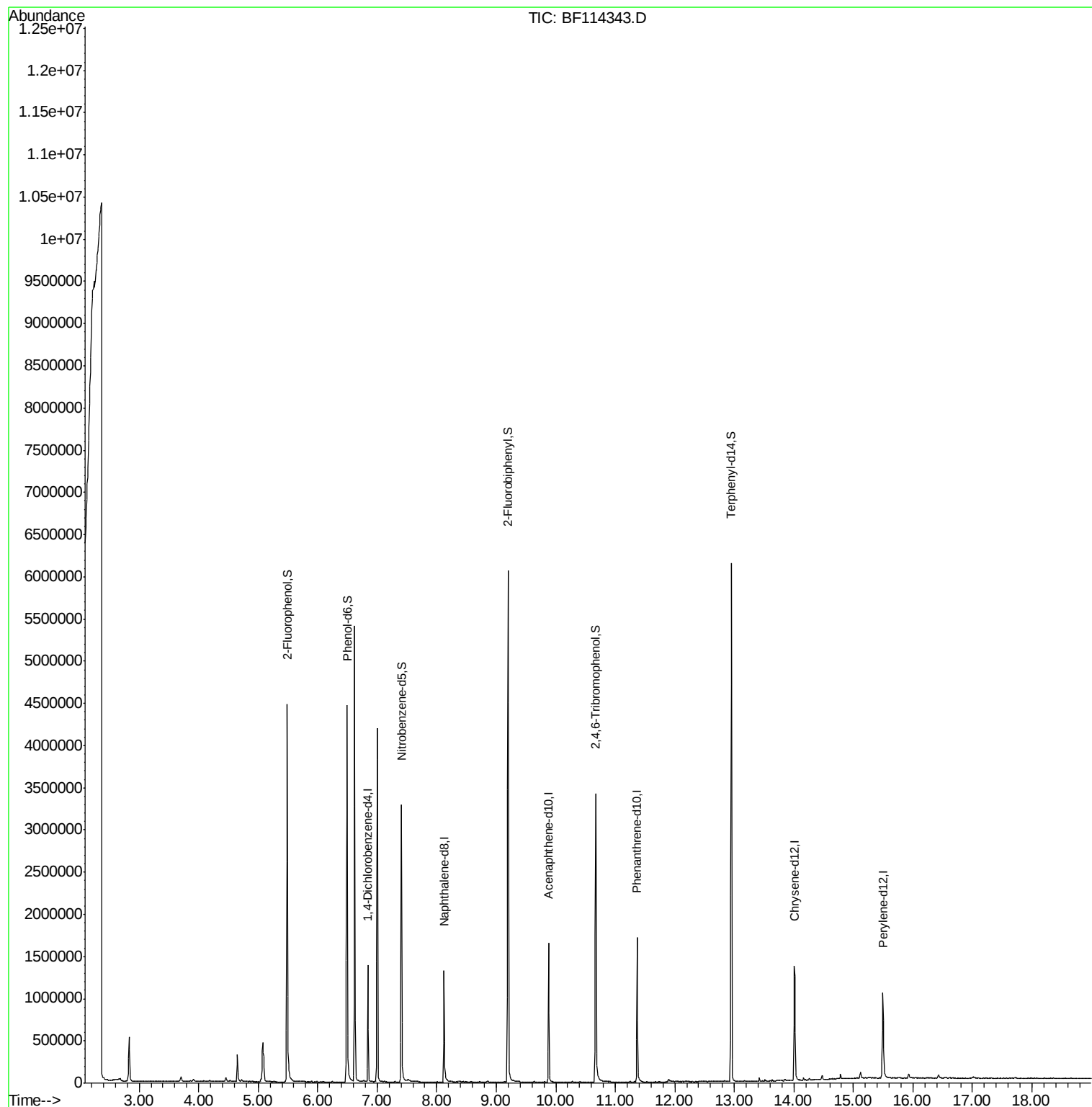
Target Compounds	Qvalue
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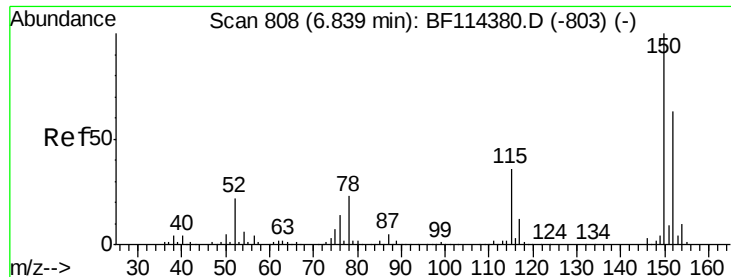
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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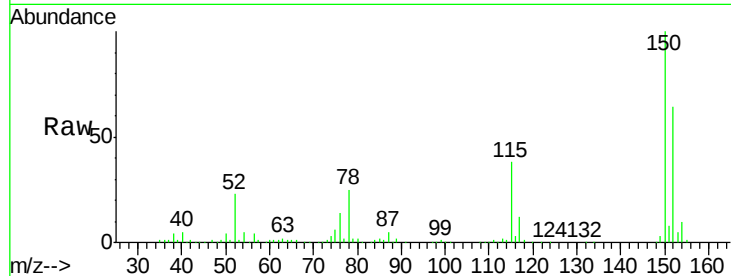




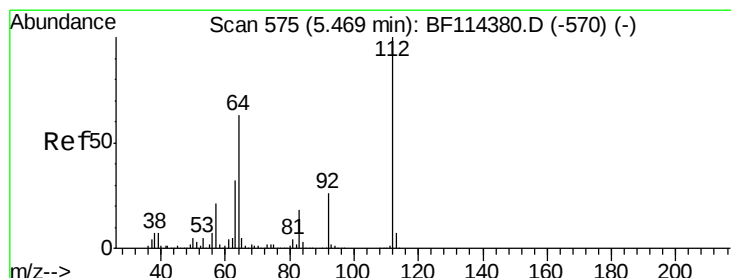
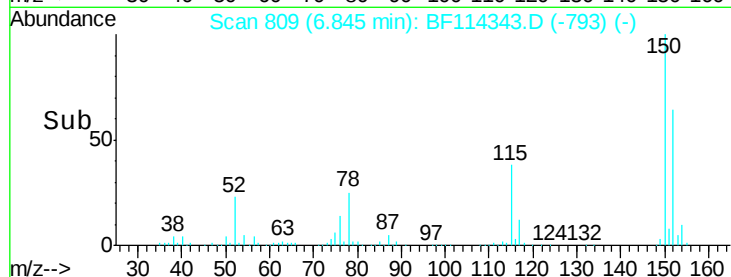
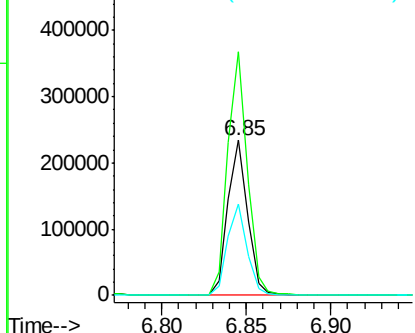
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

Tgt Ion:152 Resp: 190231
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.3 186.5
 115 59.0 49.1 73.7

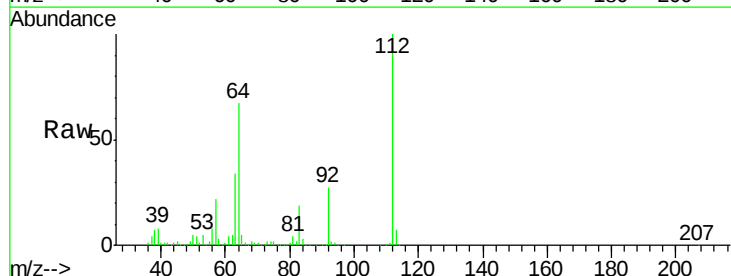


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

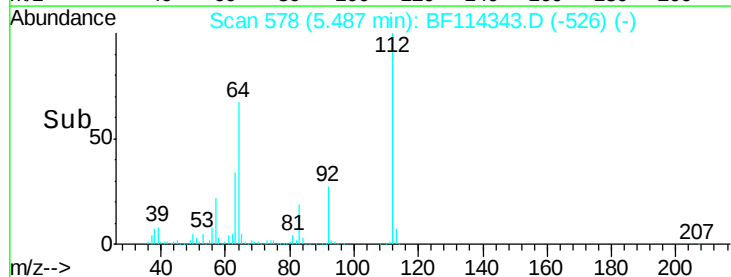
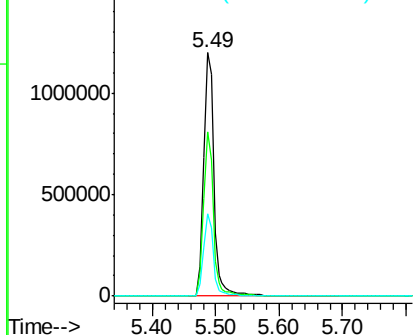


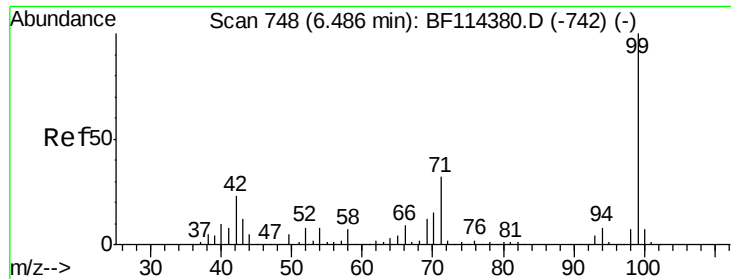
#5
 2-Fluorophenol
 Concen: 114.312 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion:112 Resp: 1351288
 Ion Ratio Lower Upper
 112 100
 64 67.2 49.0 73.6
 63 33.7 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: 115.939 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

Instrument :

BNA_F

ClientSampleId :

TP-22-S

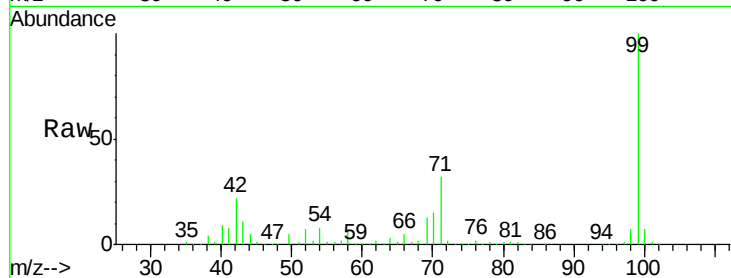
Tgt Ion: 99 Resp: 1620956

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

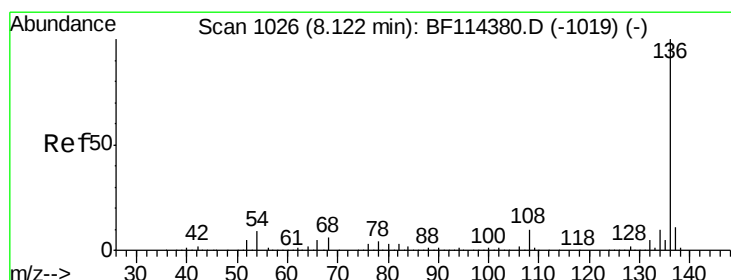
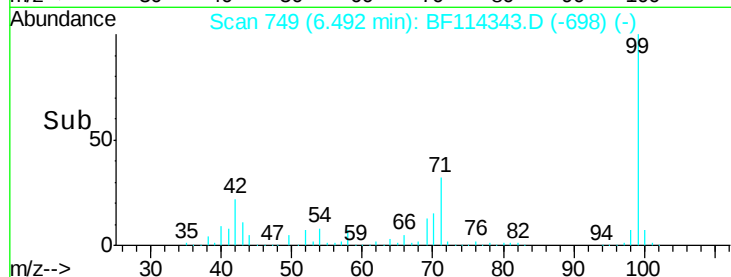
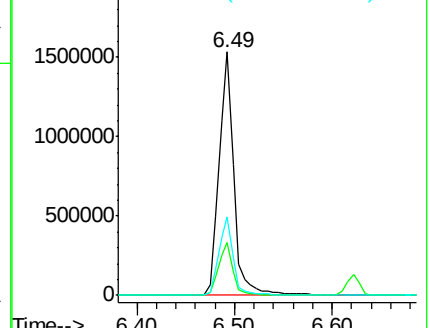
71 32.2 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

Tgt Ion: 136 Resp: 730913

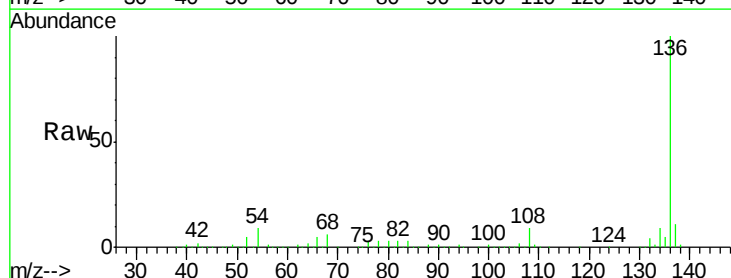
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 7.8 11.8

68 6.0 5.1 7.7

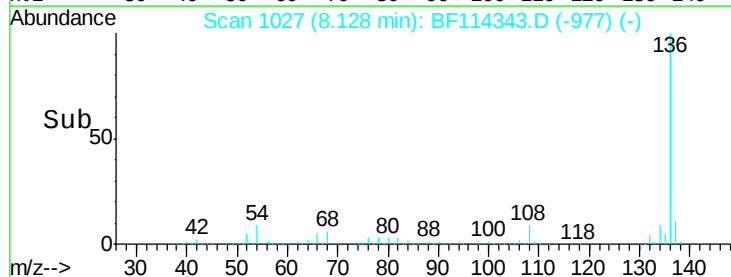
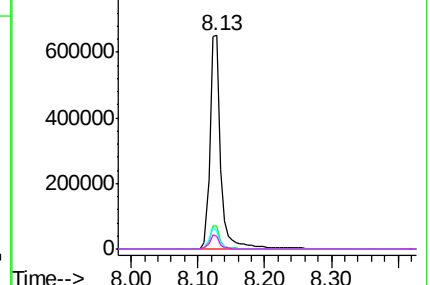


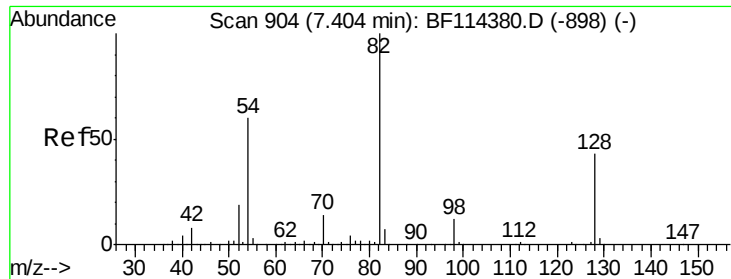
Abundance Ion 136.00 (135.70 to 136.70): E

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



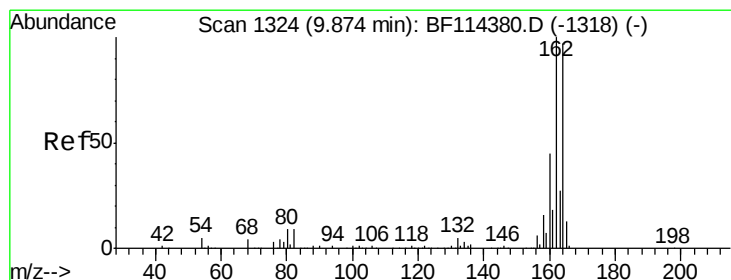
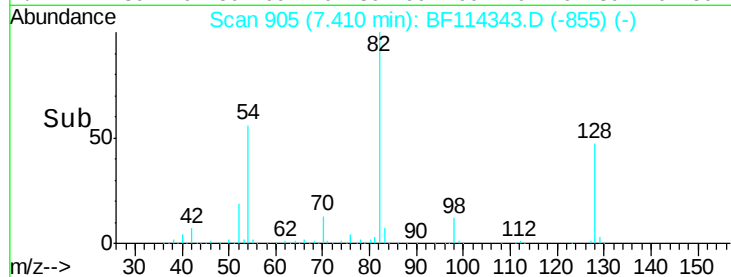
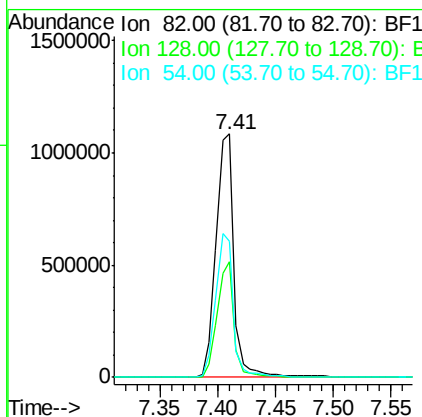
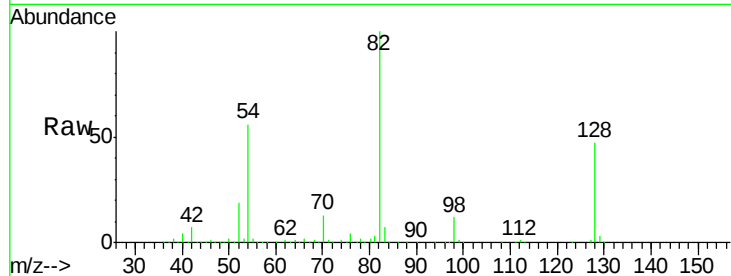


#23
 Nitrobenzene-d5
 Concen: 90.423 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

Tgt Ion: 82 Resp: 1177677

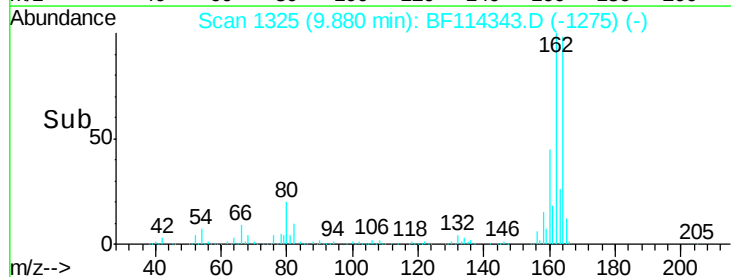
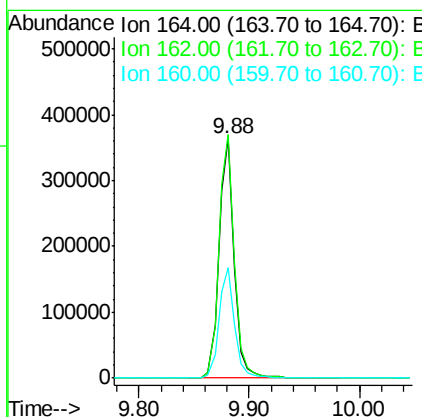
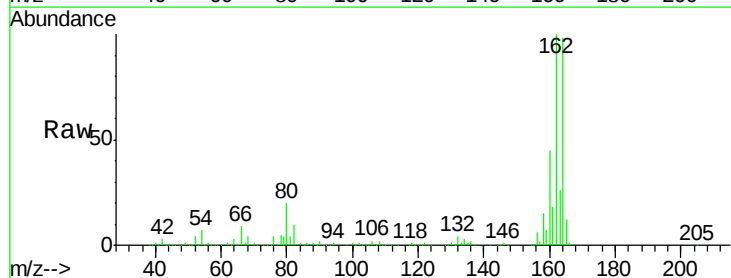
Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.5	53.3
54	56.1	48.5	72.7

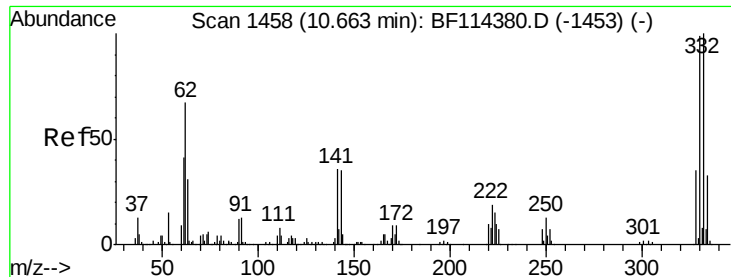


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion: 164 Resp: 346348

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	45.9	36.5	54.7

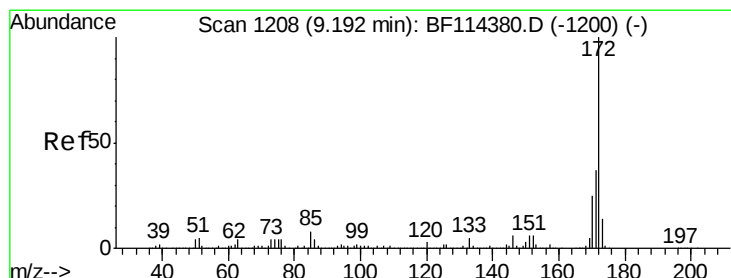
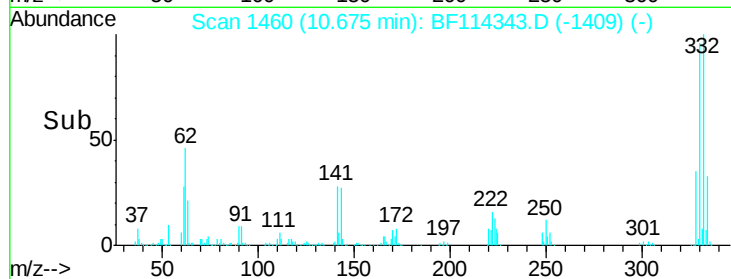
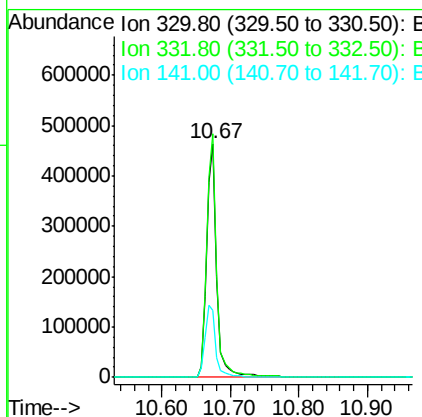
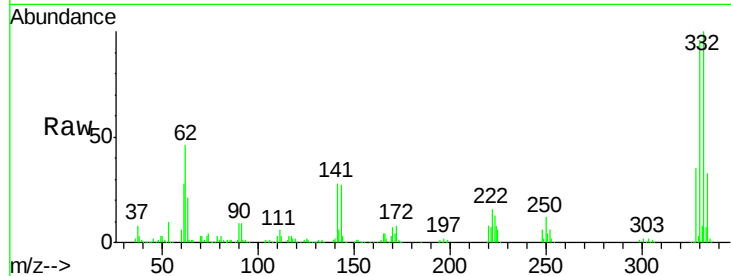




#42
 2,4,6-Tribromophenol
 Concen: 138.012 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

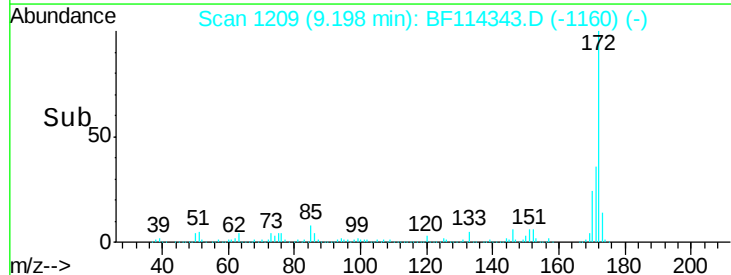
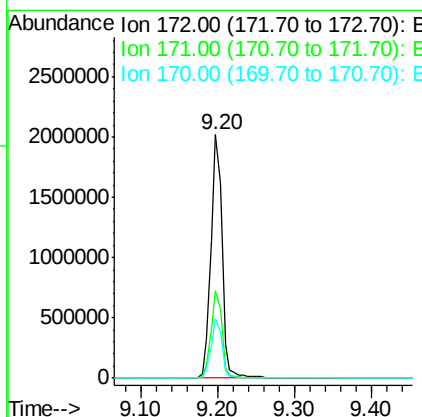
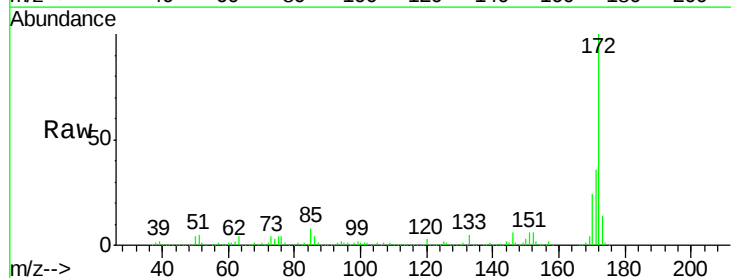
Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

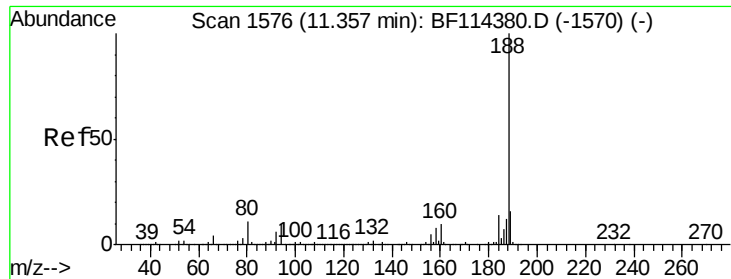
Tgt Ion:330 Resp: 494174
 Ion Ratio Lower Upper
 330 100
 332 103.4 81.4 122.2
 141 32.8 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 87.719 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion:172 Resp: 2008466
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.7 46.1
 170 24.2 20.5 30.7

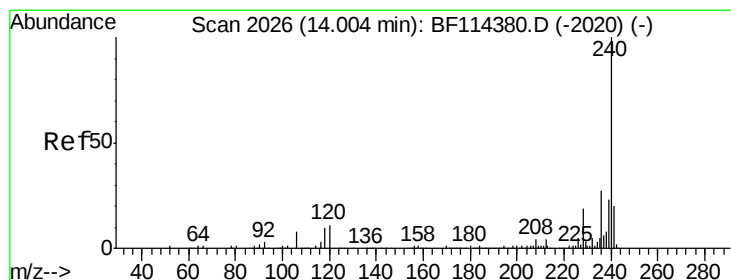
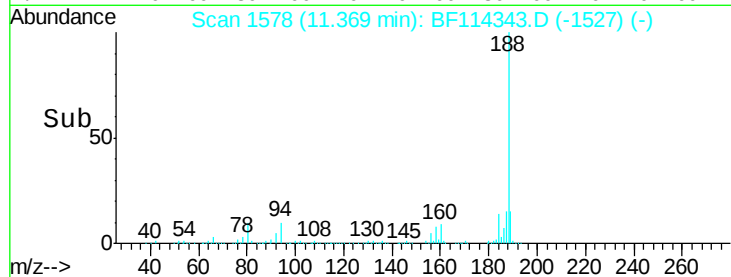
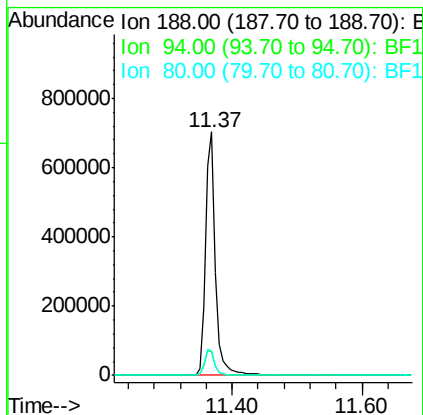
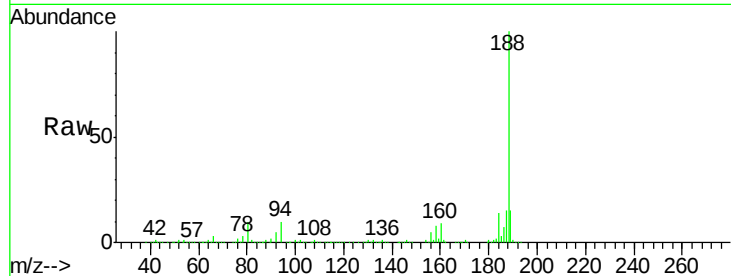




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

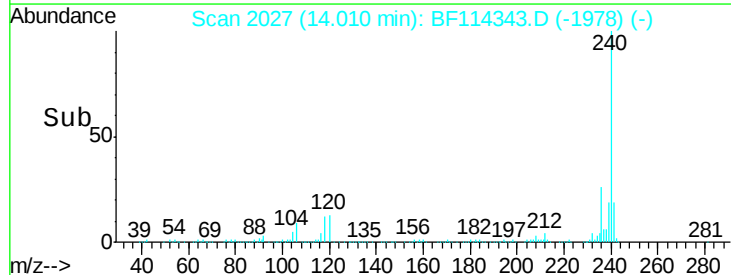
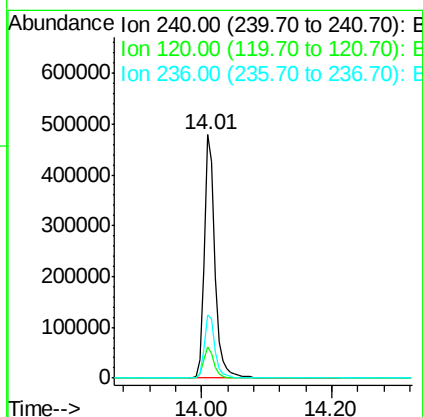
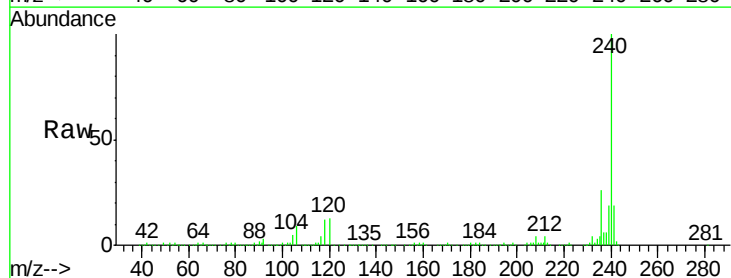
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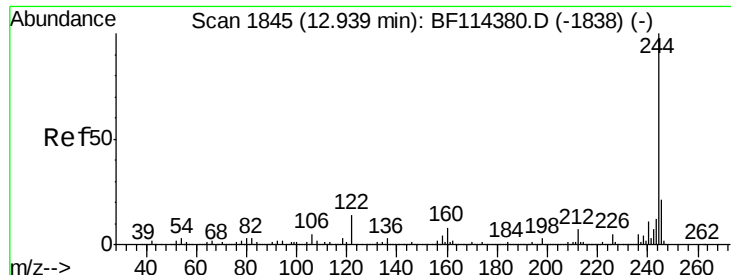
Tgt Ion:188 Resp: 728185
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Tgt Ion:240 Resp: 540737
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.0 20.8 31.2

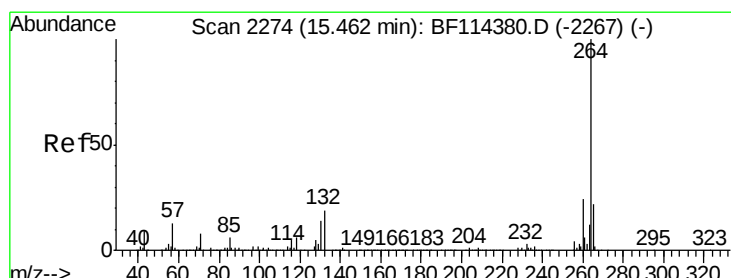
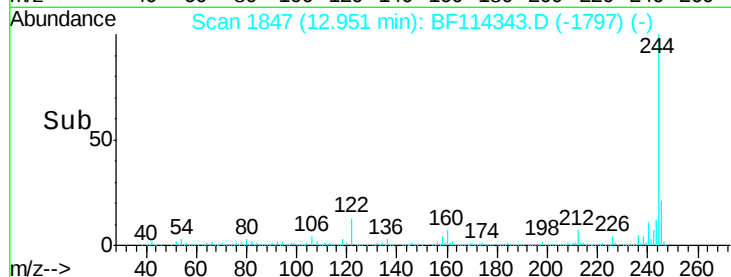
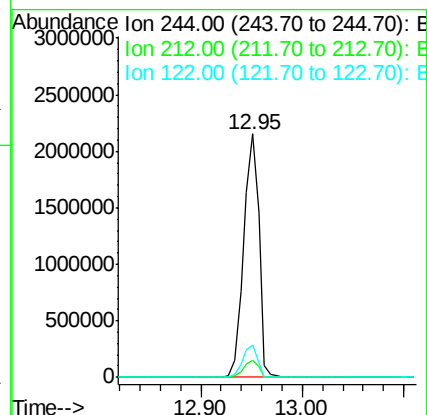
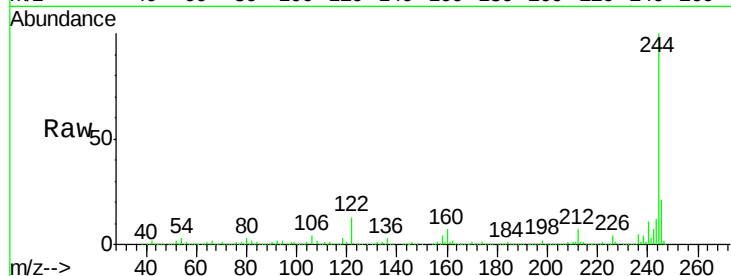




#79
 Terphenyl-d14
 Concen: 85.542 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-S

Tgt Ion:244 Resp: 2243852
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion:264 Resp: 526764
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.7 16.9 25.3

