

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114314.D
 Acq On : 16 May 2019 17:34
 Operator : JU/SJ
 Sample : K2644-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-A

Quant Time: May 17 08:36:32 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	238536	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	924477	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	437719	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	848218	20.00	ng	0.00
76) Chrysene-d12	14.02	240	503428	20.00	ng	0.00
87) Perylene-d12	15.52	264	590651	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1436116	96.89	ng	0.02
7) Phenol-d6	6.50	99	1705020	97.26	ng	0.00
23) Nitrobenzene-d5	7.41	82	1295499	78.64	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	500865	110.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2231813	77.13	ng	0.00
79) Terphenyl-d14	12.96	244	1946743	79.72	ng	0.00

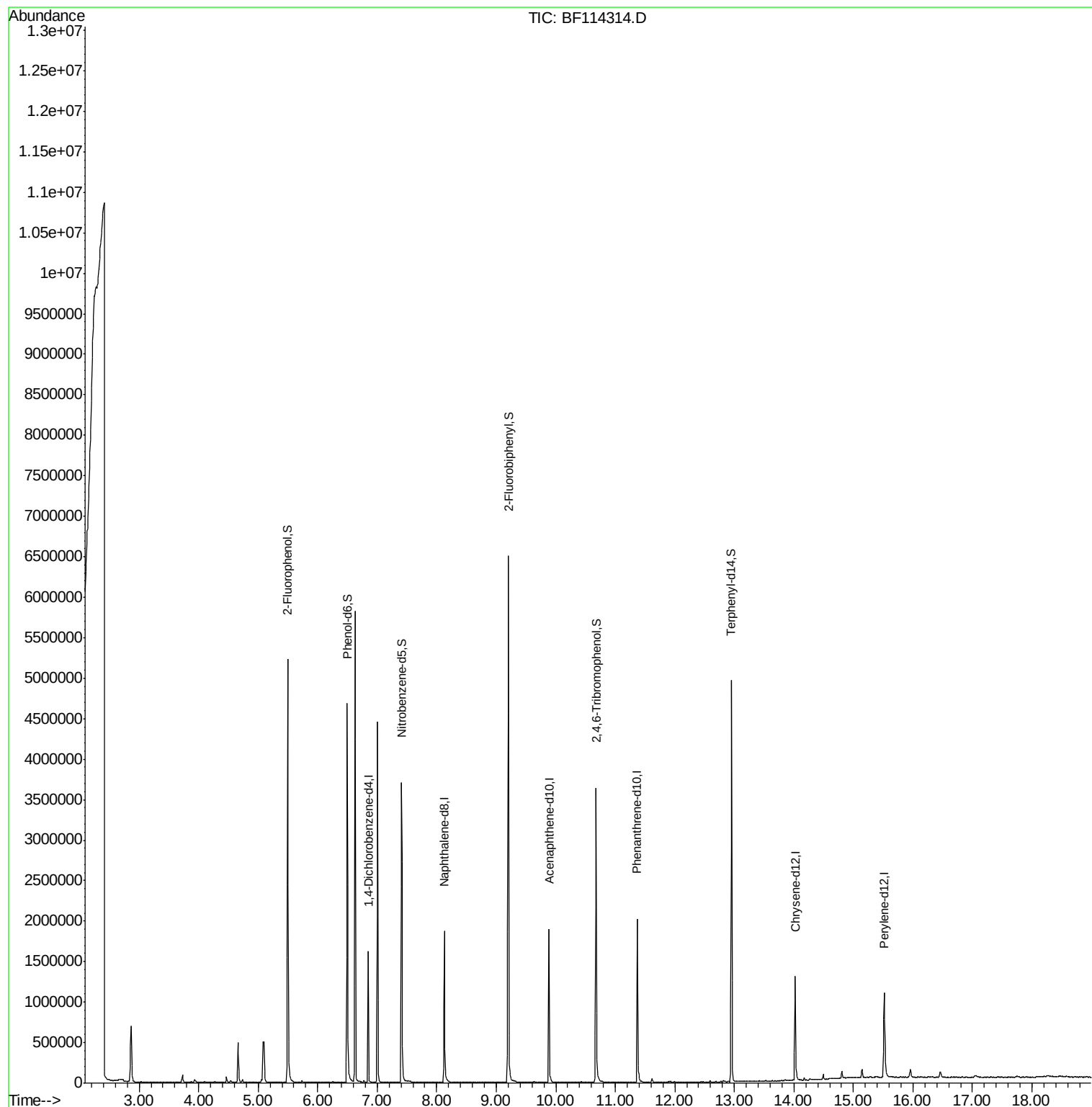
Target Compounds Qvalue

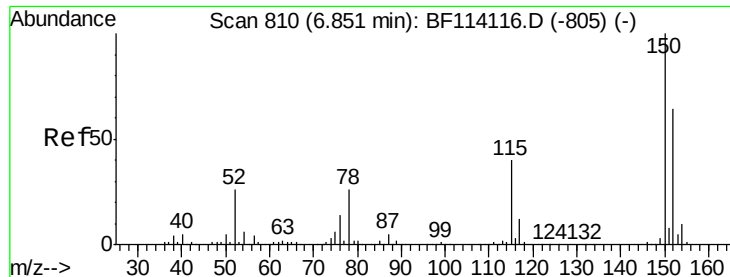
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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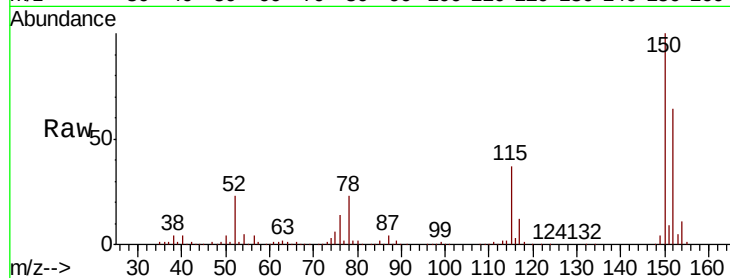


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	58.3	49.1	73.7

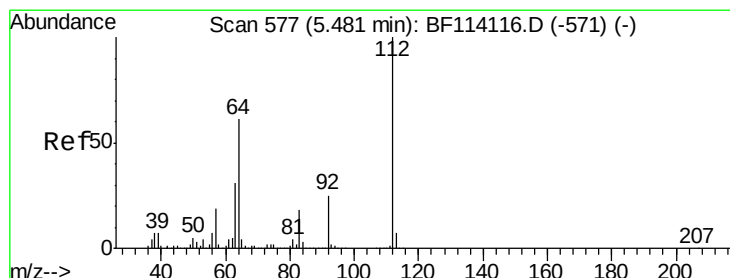
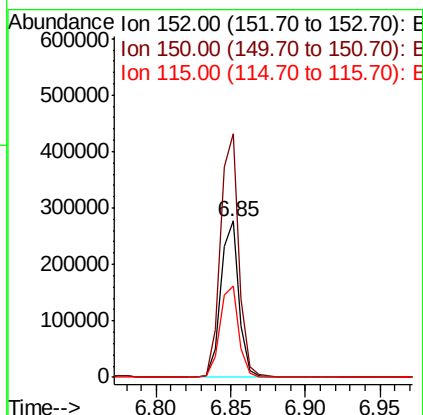
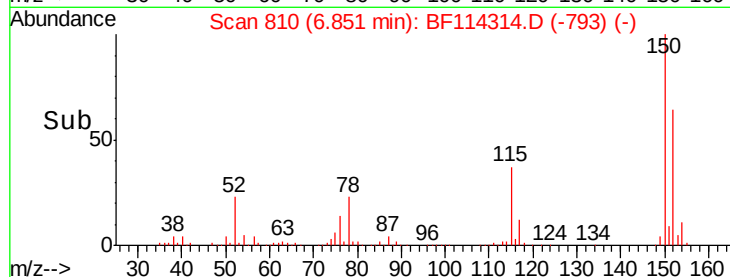


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

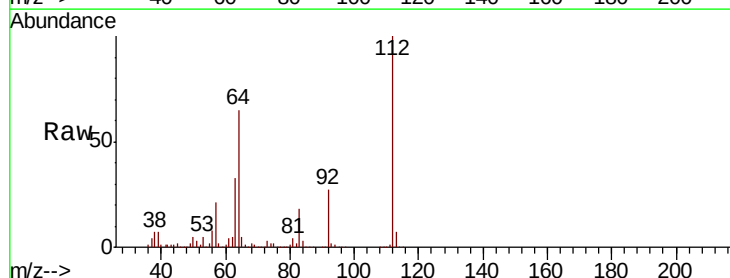
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.886 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.0	73.6
63	32.9	24.6	37.0

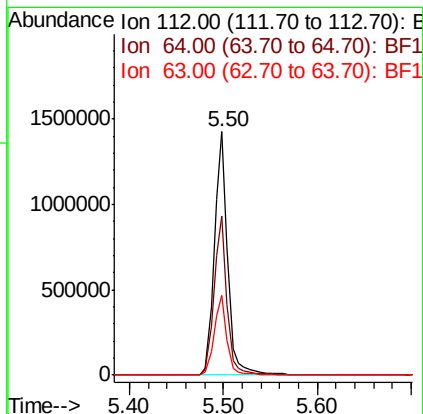
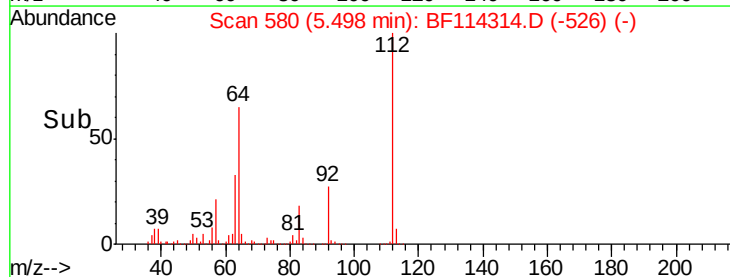


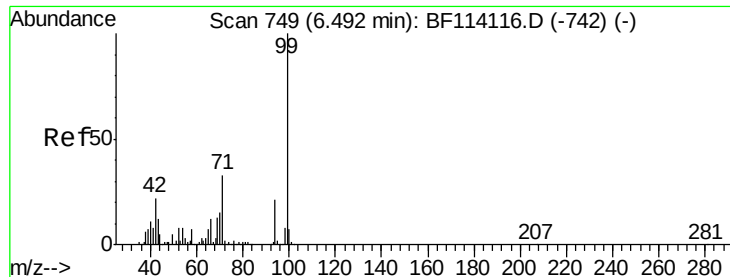
Abundance

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: 97.256 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-A

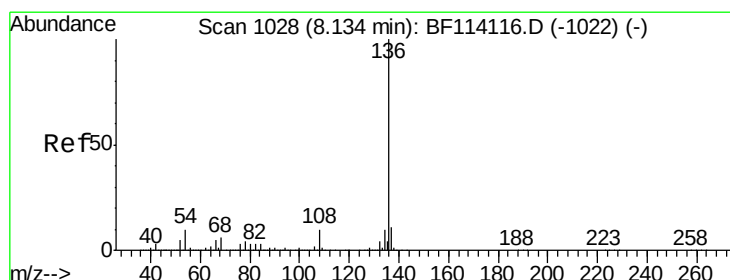
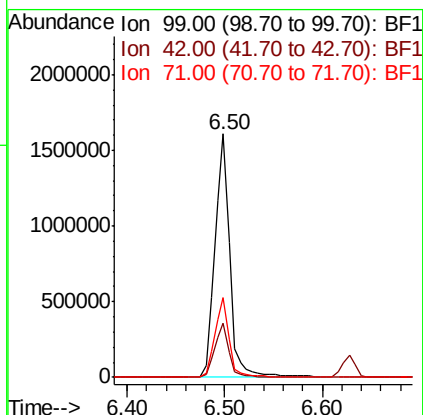
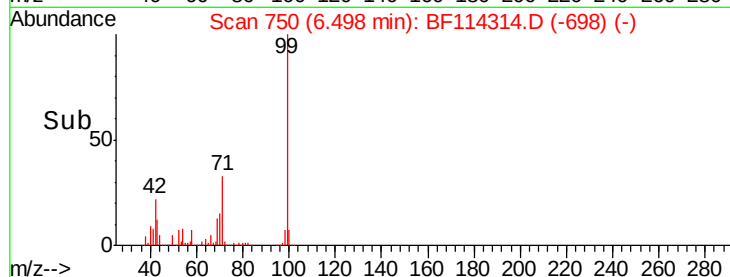
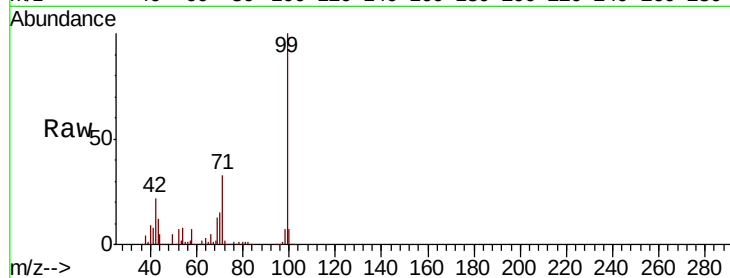
Tot Ion: 99 Resp: 1705020

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 32.6 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114314.D

Acq: 16 May 2019 17:34

Tgt Ion: 136 Resp: 924477

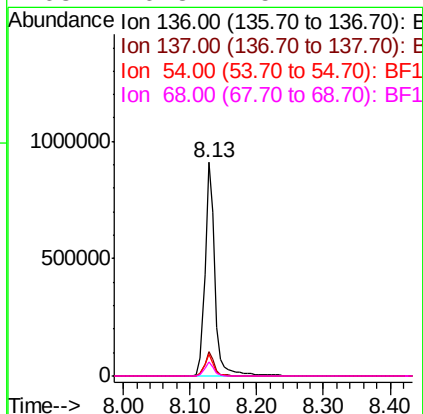
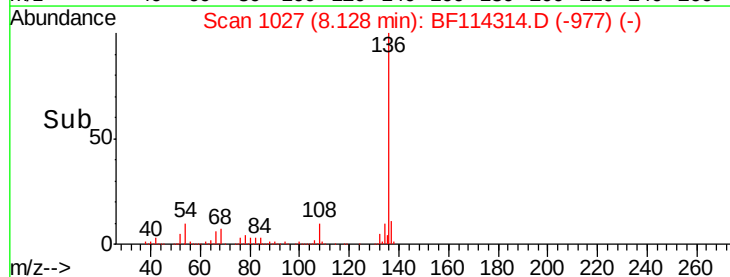
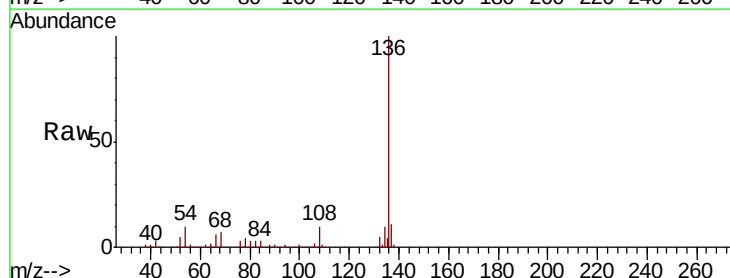
Ion Ratio Lower Upper

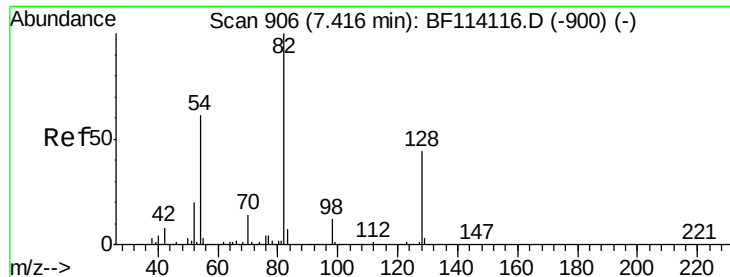
136 100

137 11.2 8.8 13.2

54 10.1 7.8 11.8

68 6.8 5.1 7.7

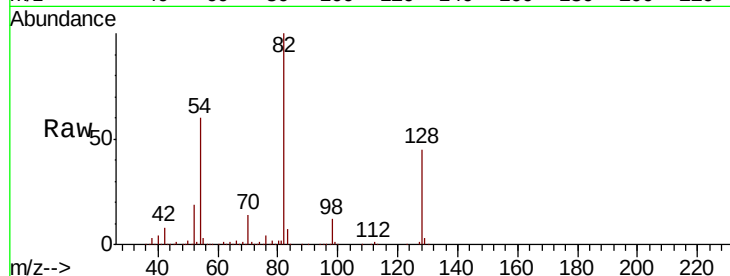




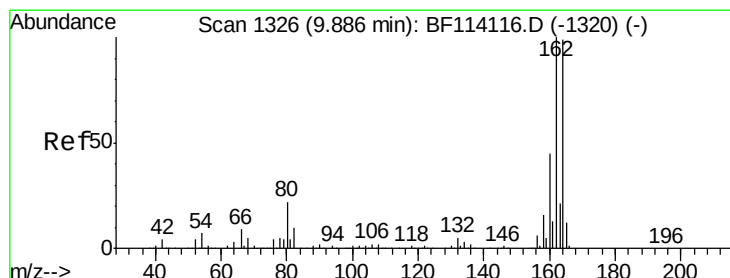
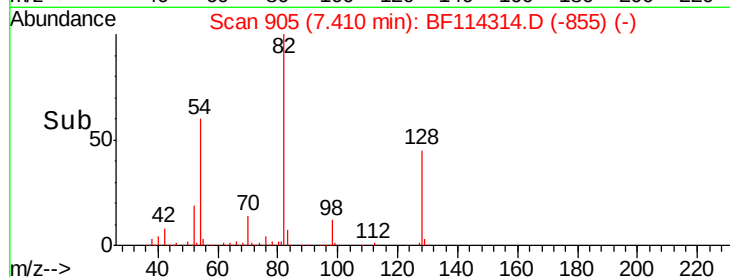
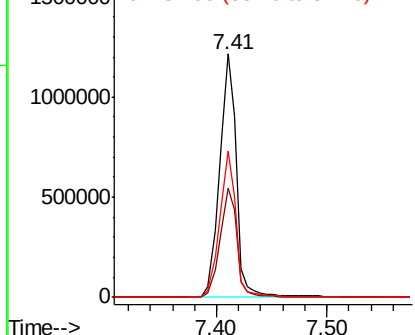
#23
Nitrobenzene-d5
Concen: 78.643 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-A

Tot Ion: 82 Resp: 1295499
Ion Ratio Lower Upper
82 100
128 45.0 35.5 53.3
54 60.3 48.5 72.7

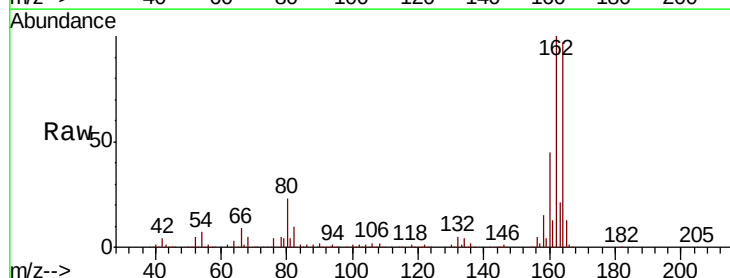


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

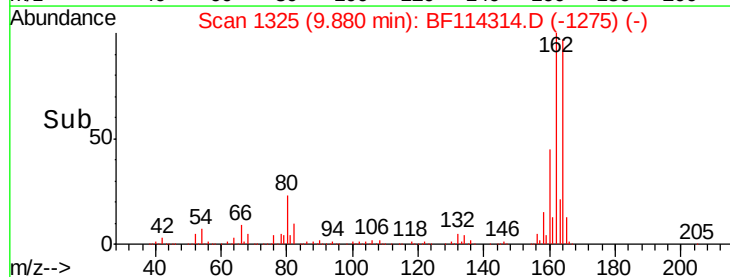
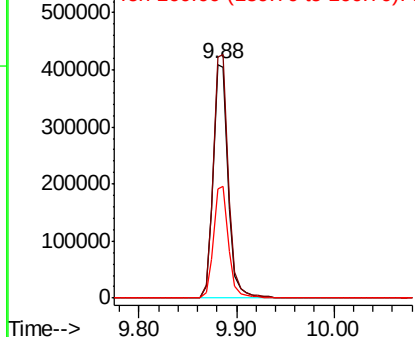


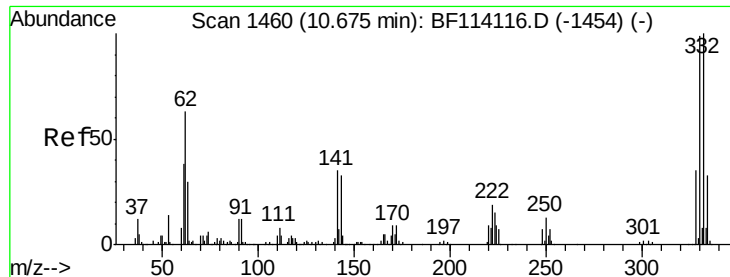
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Tgt Ion:164 Resp: 437719
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 46.5 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

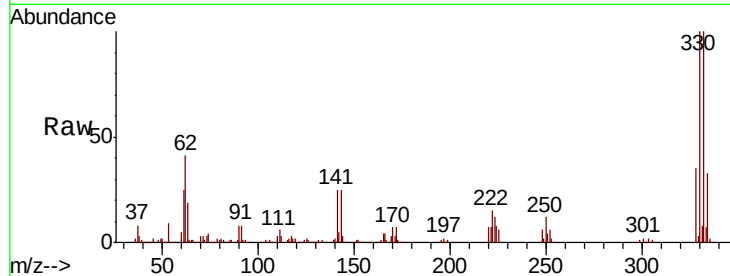




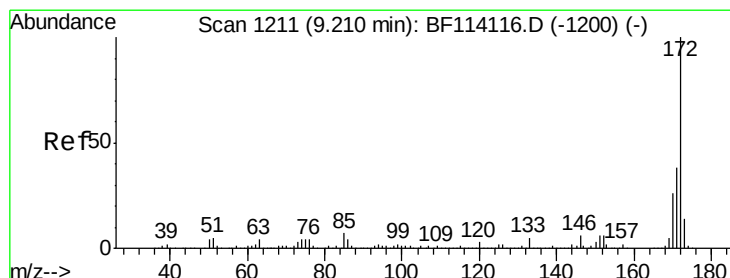
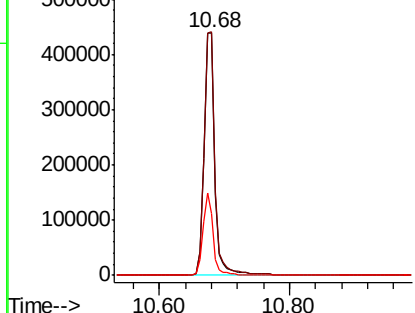
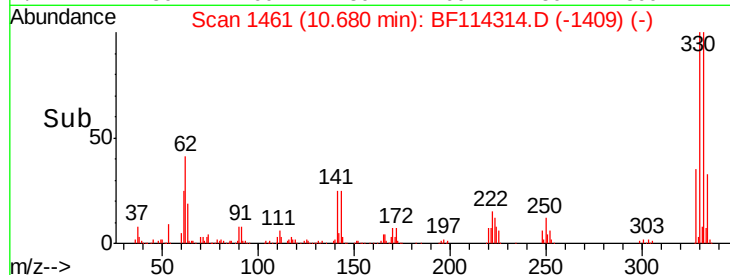
#42
 2,4,6-Tribromophenol
 Concen: 110.682 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.4	81.4	122.2
141	32.0	26.6	40.0

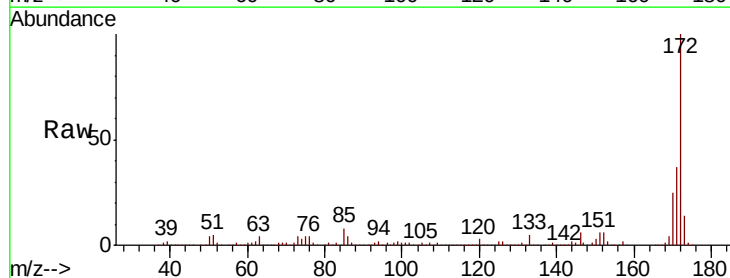


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

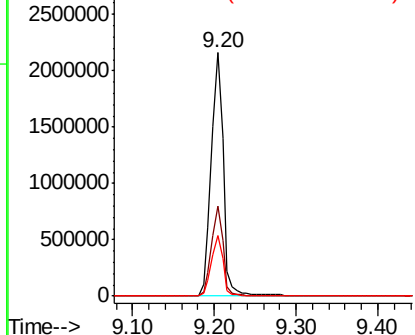
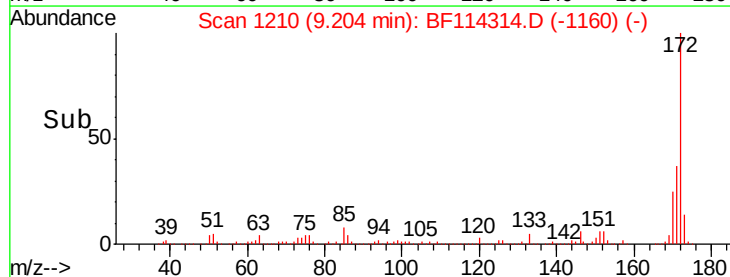


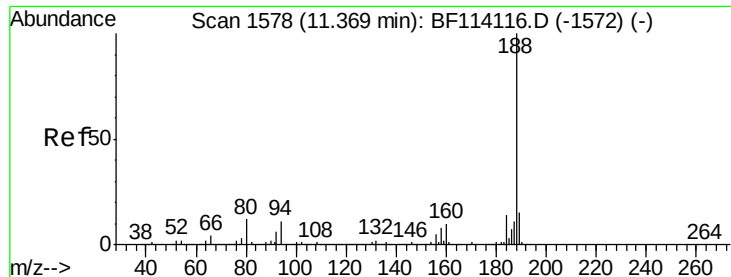
#45
 2-Fluorobiphenyl
 Concen: 77.127 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.7	20.5	30.7



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

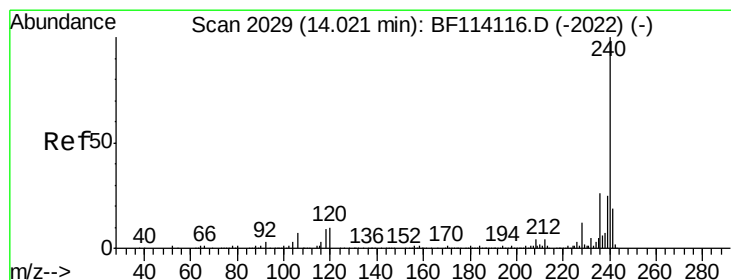
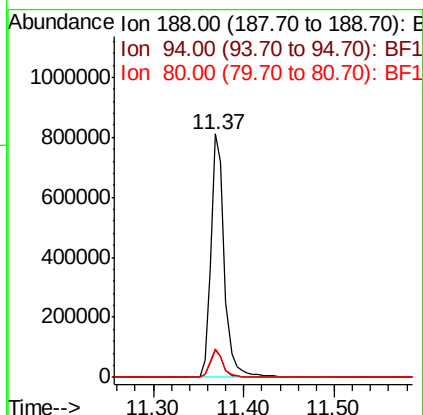
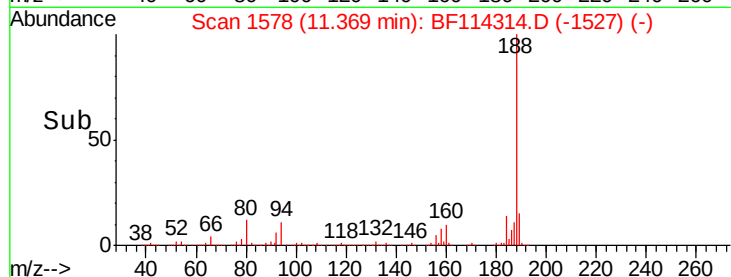
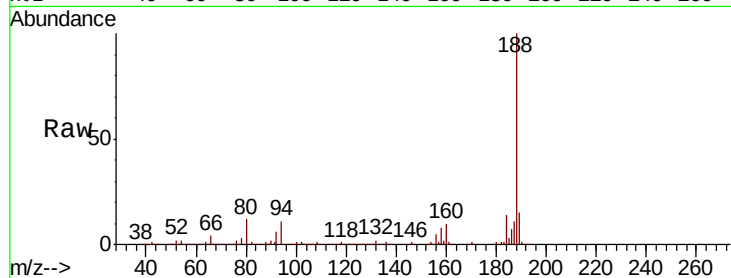




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

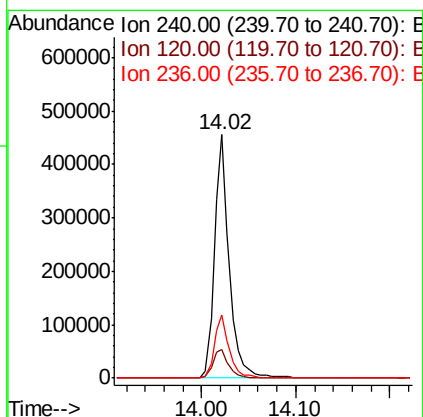
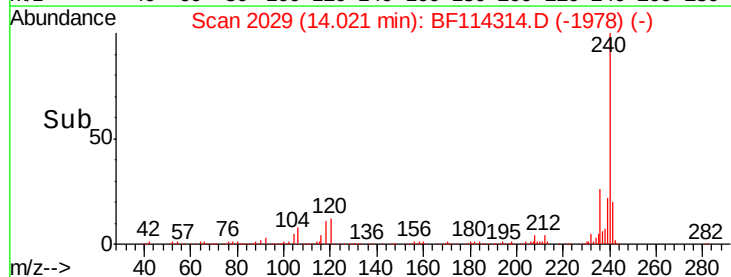
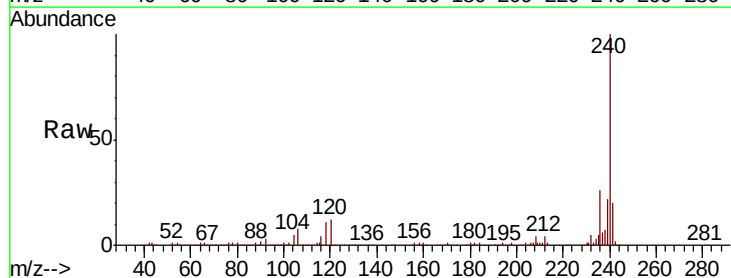
Instrument :
BNA_F
ClientSampleId :
EO-01-051519-A

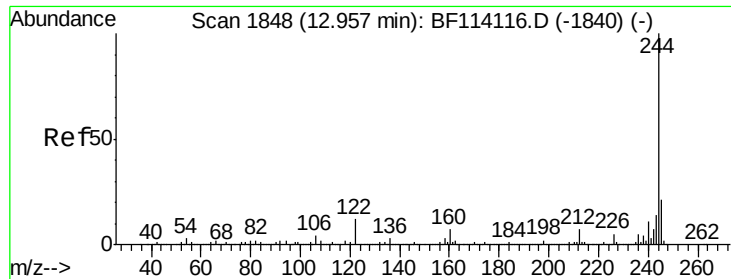
Tot Ion:188 Resp: 848218
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114314.D
Acq: 16 May 2019 17:34

Tgt Ion:240 Resp: 503428
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.7 20.8 31.2

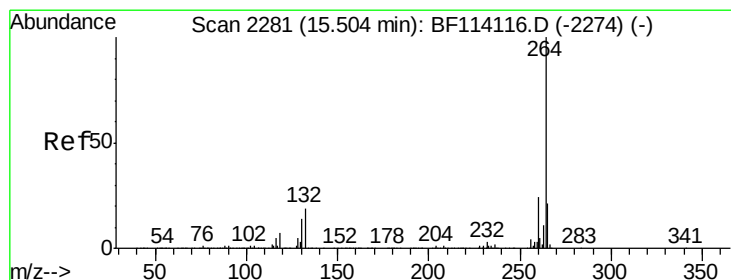
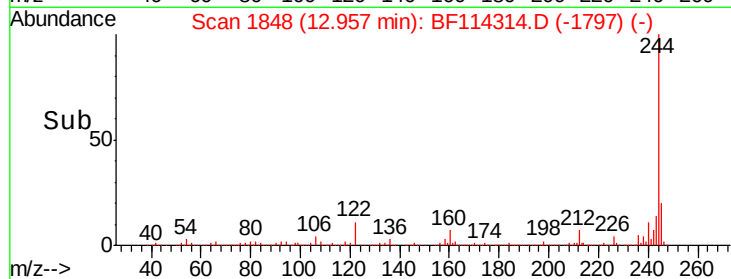
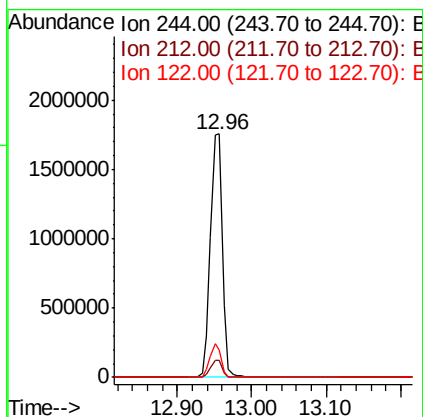
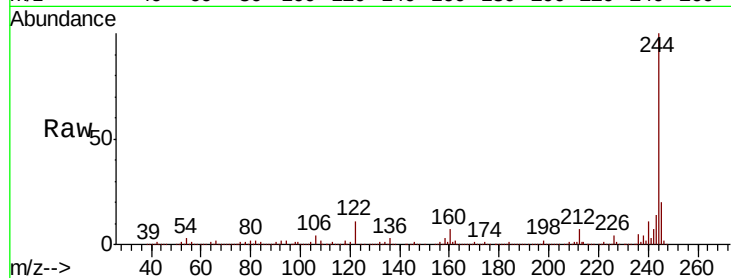




#79
 Terphenyl-d14
 Concen: 79.715 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-A

Tot Ion:244 Resp: 1946743
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.4 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF114314.D
 Acq: 16 May 2019 17:34

Tgt Ion:264 Resp: 590651
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.6 16.9 25.3

