

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114397.D
 Acq On : 18 May 2019 17:56
 Operator : JU/SJ
 Sample : K2643-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

Quant Time: May 20 07:18:57 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	225741	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	903643	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	426963	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	825060	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	501991	20.00	ng	-0.03
87) Perylene-d12	15.46	264	538830	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	217824	15.53	ng	-0.02
7) Phenol-d6	6.48	99	297505	17.93	ng	-0.01
23) Nitrobenzene-d5	7.40	82	173649	10.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	65293	14.79	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	355758	12.60	ng	-0.02
79) Terphenyl-d14	12.93	244	335592	13.78	ng	-0.03

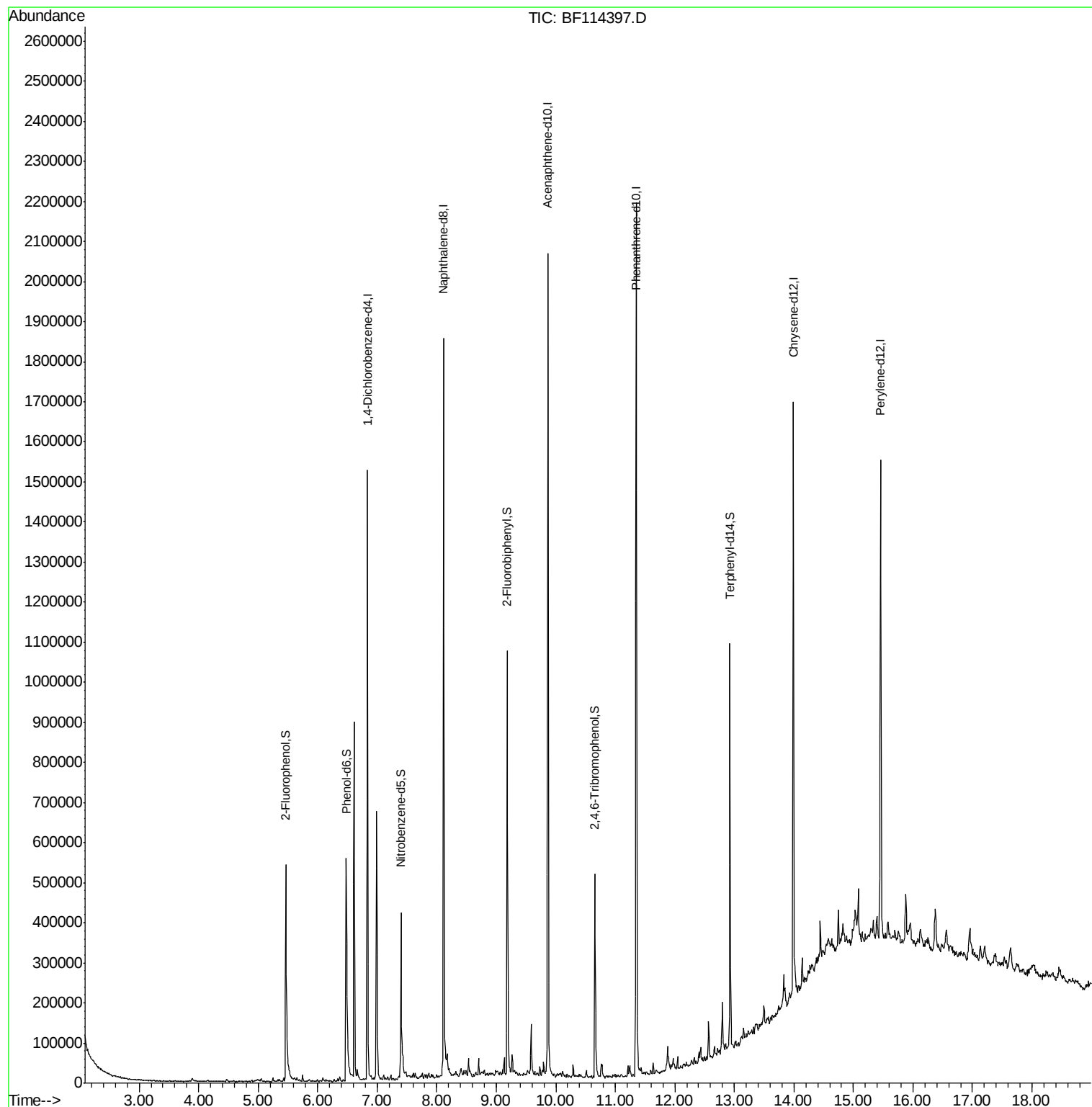
Target Compounds	Qvalue
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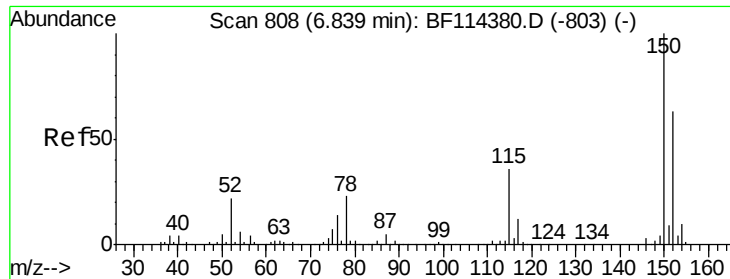
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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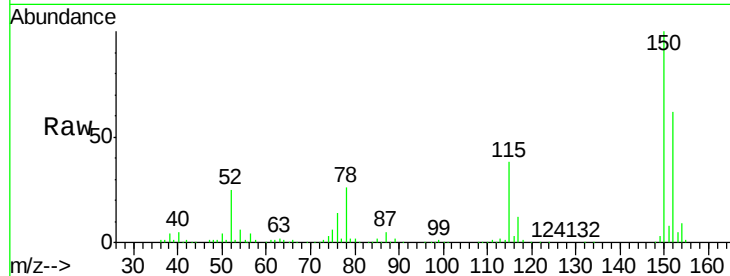


#1

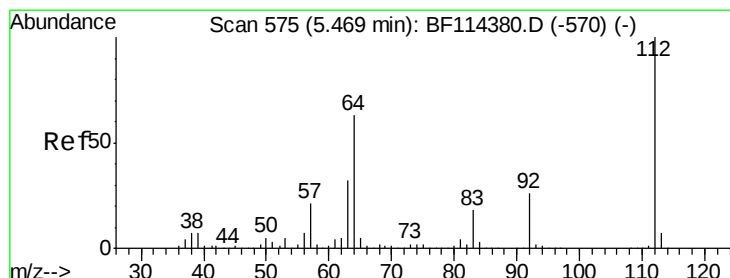
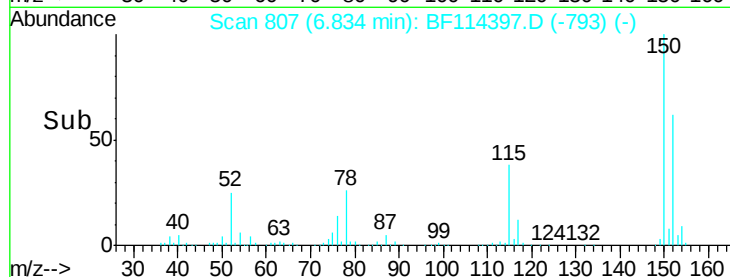
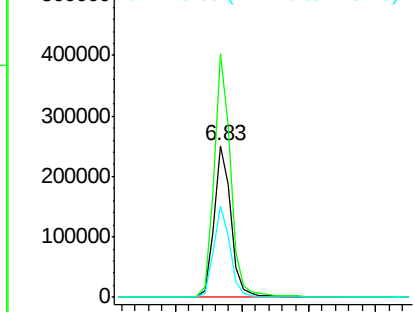
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114397.D
Acq: 18 May 2019 17:56

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-A

Tgt Ion:152 Resp: 225741
Ion Ratio Lower Upper
152 100
150 160.1 124.3 186.5
115 60.1 49.1 73.7



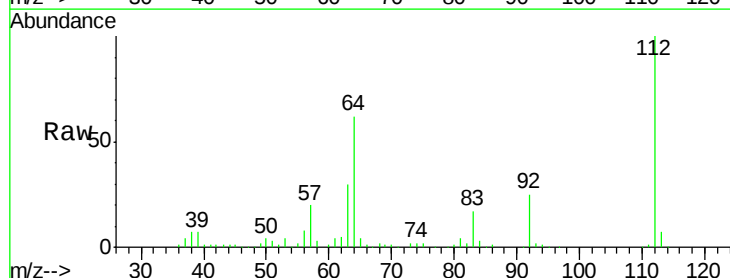
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



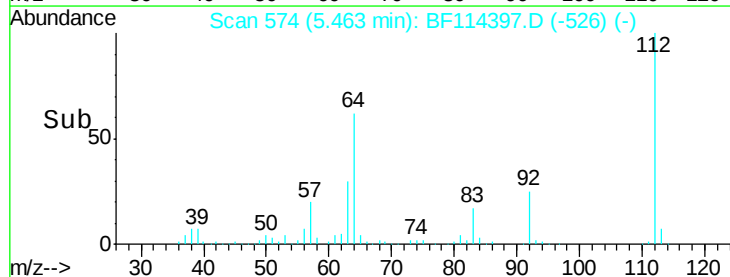
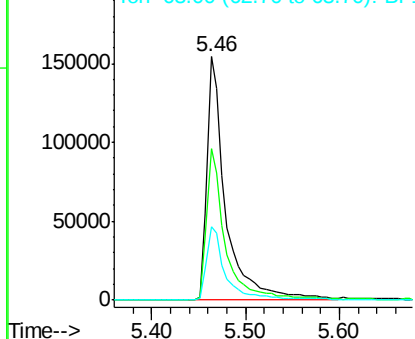
#5

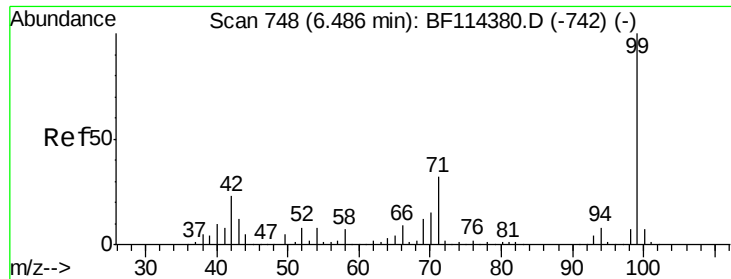
2-Fluorophenol
Concen: 15.528 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF114397.D
Acq: 18 May 2019 17:56

Tgt Ion:112 Resp: 217824
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.6
63 30.1 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: 17.932 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114397.D

Acq: 18 May 2019 17:56

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-A

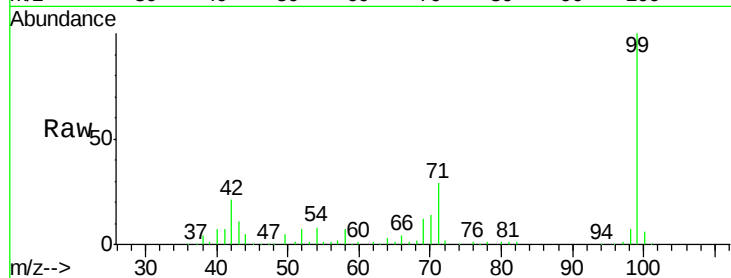
Tgt Ion: 99 Resp: 297505

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

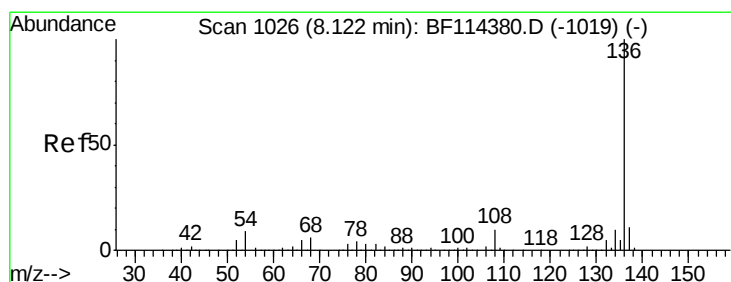
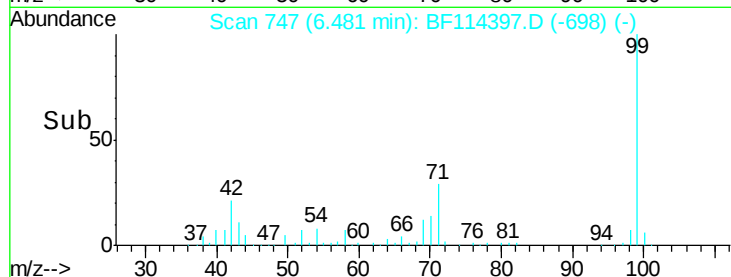
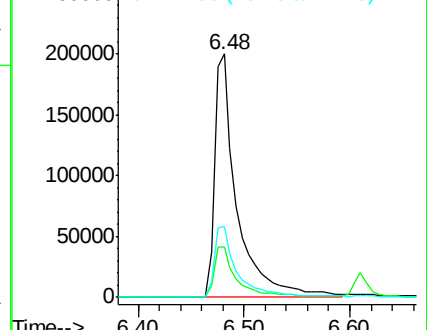
71 29.1 26.2 39.2



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: BF114397.D

Acq: 18 May 2019 17:56

Tgt Ion: 136 Resp: 903643

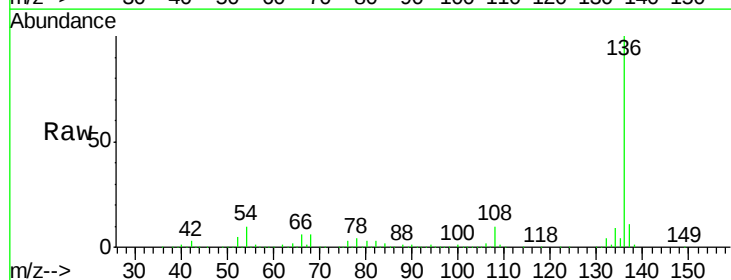
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 6.5 5.1 7.7

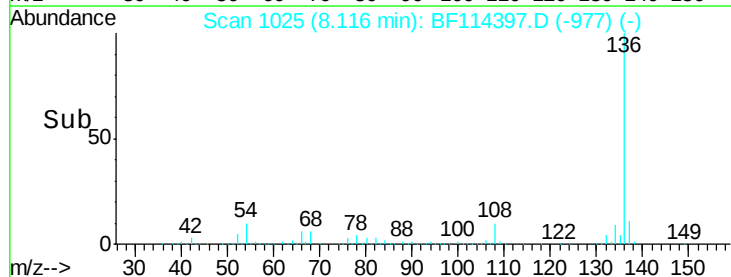
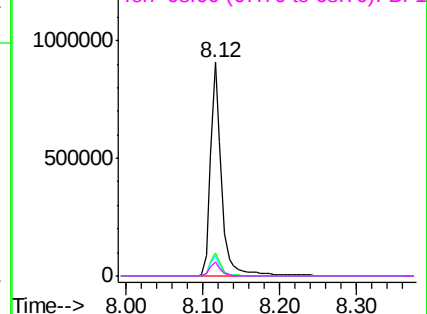


Abundance Ion 136.00 (135.70 to 136.70): E

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

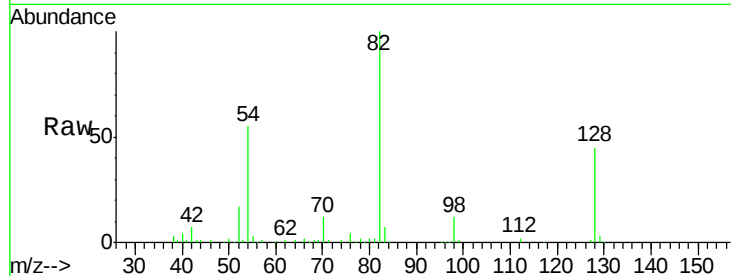




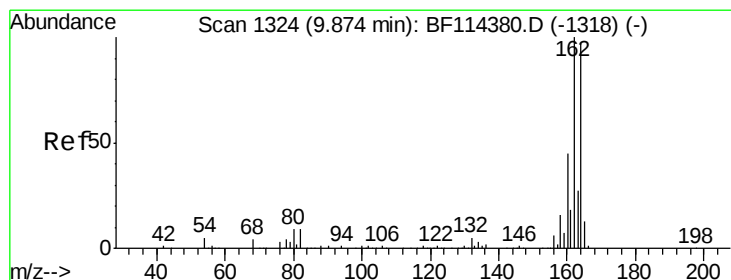
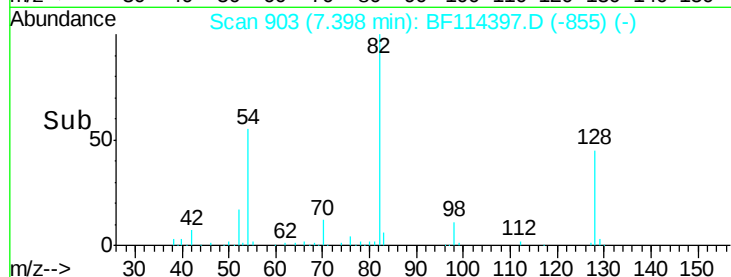
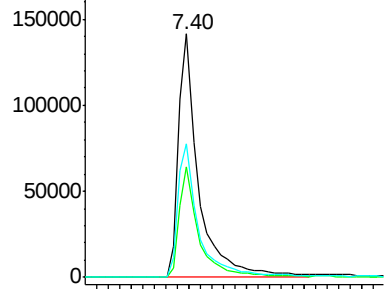
#23
 Nitrobenzene-d5
 Concen: 10.784 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114397.D
 Acq: 18 May 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

Tgt Ion: 82 Resp: 173649
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.5 53.3
 54 55.0 48.5 72.7

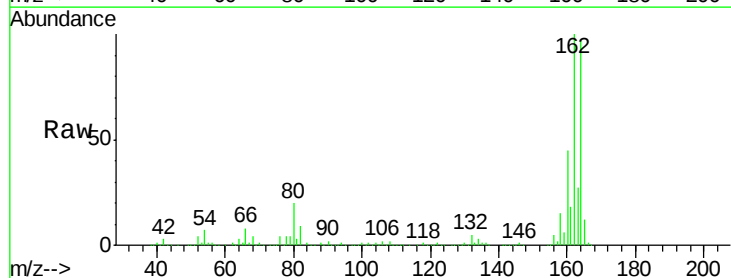


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

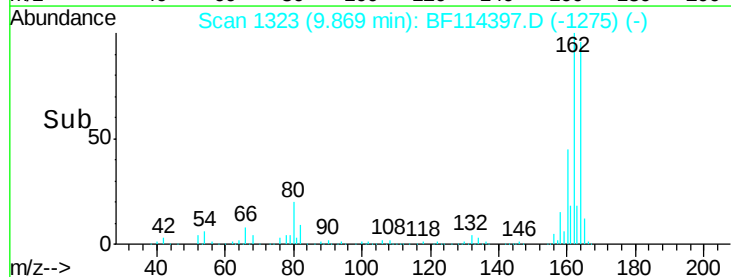
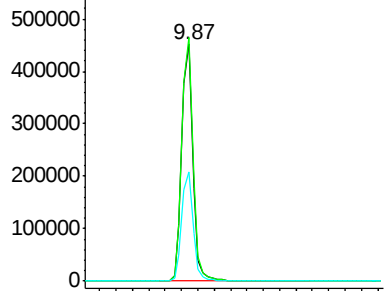


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114397.D
 Acq: 18 May 2019 17:56

Tgt Ion: 164 Resp: 426963
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.6 120.8
 160 46.3 36.5 54.7



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

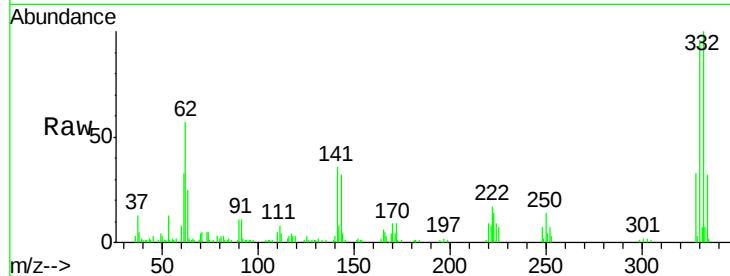




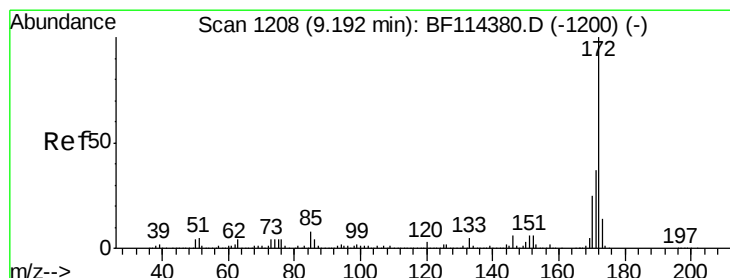
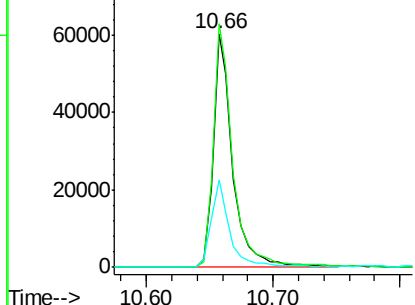
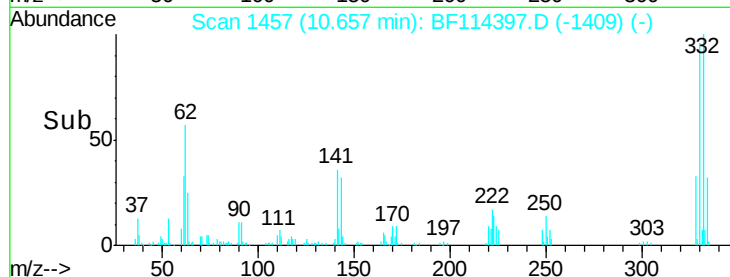
#42
 2,4,6-Tribromophenol
 Concen: 14.792 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114397.D
 Acq: 18 May 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.9	81.4	122.2
141	35.1	26.6	40.0

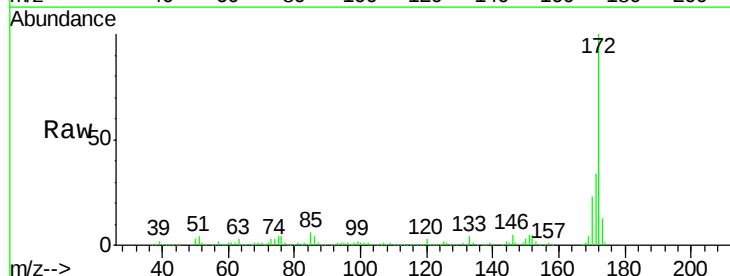


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

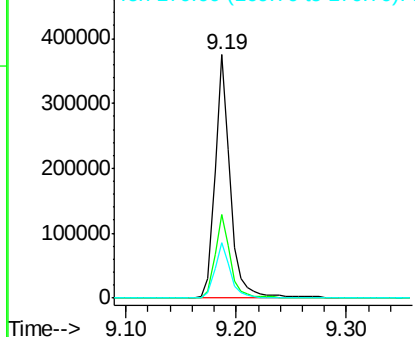
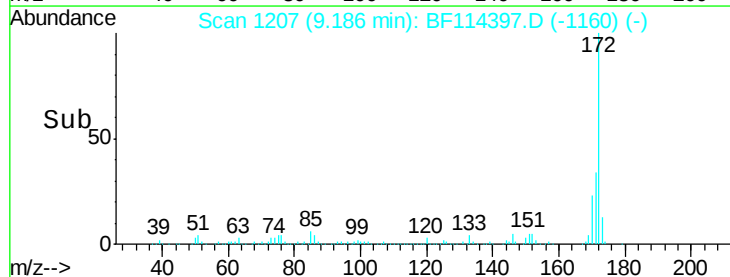


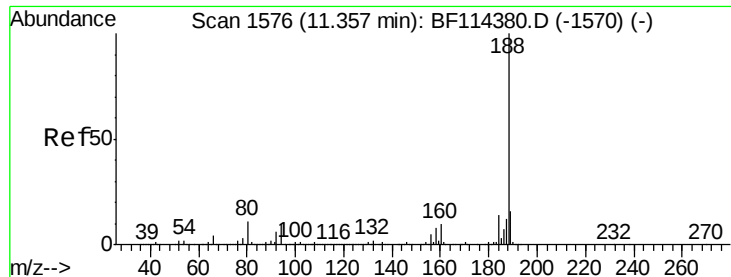
#45
 2-Fluorobiphenyl
 Concen: 12.604 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114397.D
 Acq: 18 May 2019 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.7	46.1
170	22.9	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

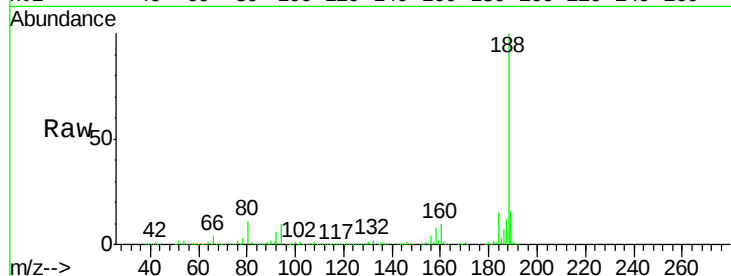




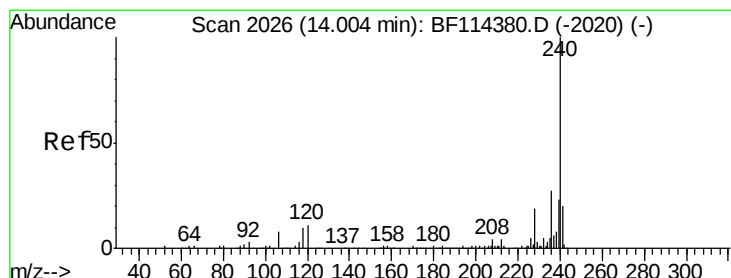
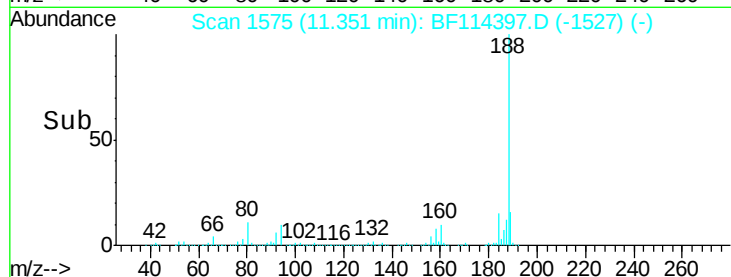
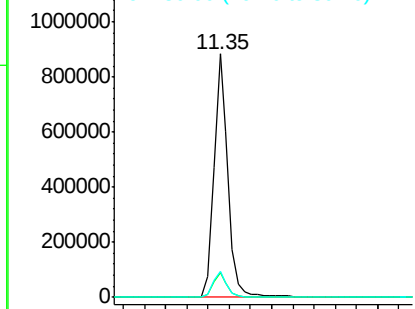
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114397.D
Acq: 18 May 2019 17:56

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-A

Tgt Ion:188 Resp: 825060
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.7 9.2 13.8

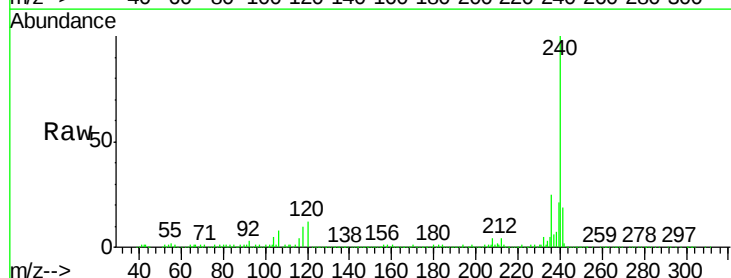


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

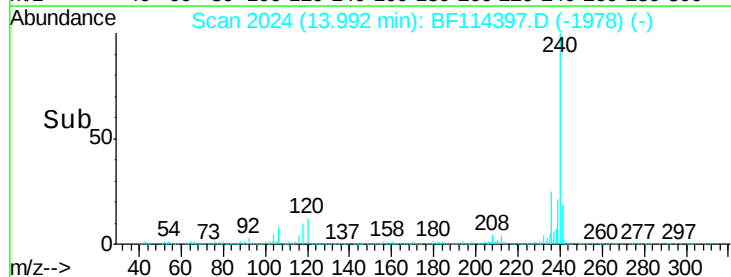
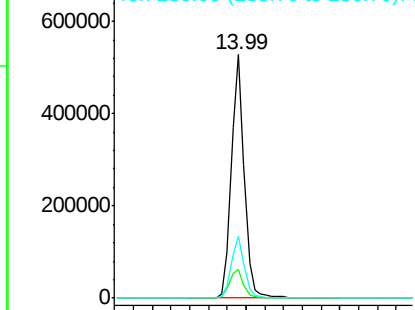


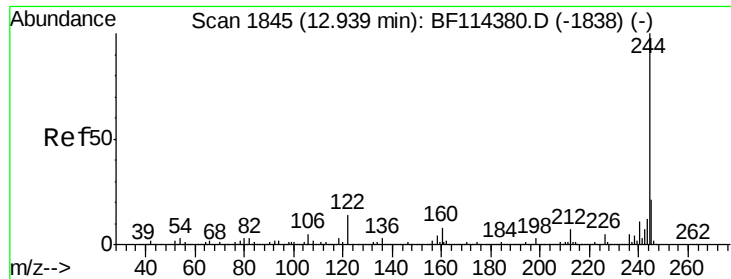
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114397.D
Acq: 18 May 2019 17:56

Tgt Ion:240 Resp: 501991
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.3 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

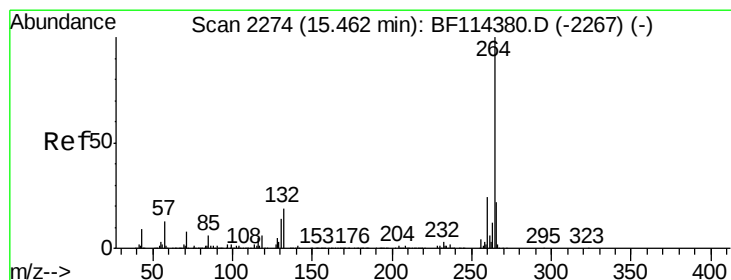
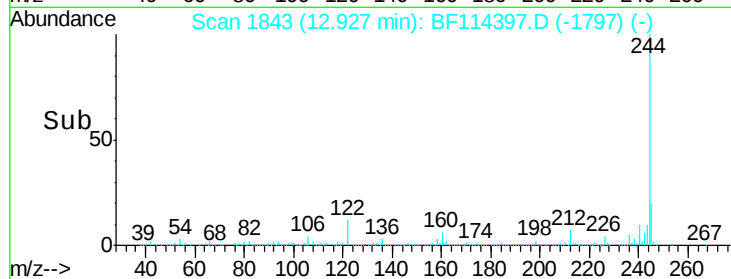
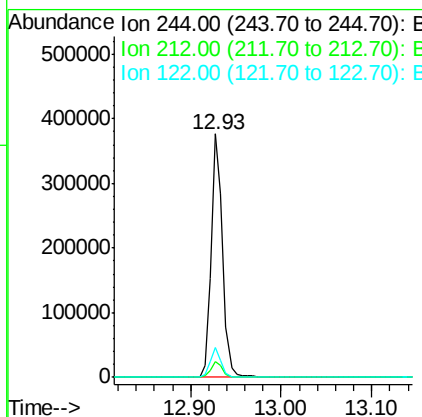
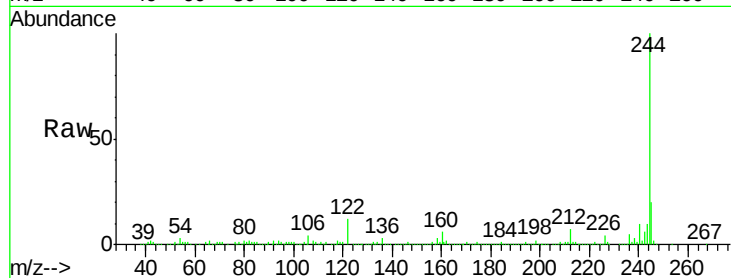




#79
 Terphenyl-d14
 Concen: 13.781 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BF114397.D
 Acq: 18 May 2019 17:56

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-A

Tgt Ion: 244 Resp: 335592
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 12.4 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: BF114397.D
 Acq: 18 May 2019 17:56

Tgt Ion: 264 Resp: 538830
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.3 16.9 25.3

