

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114475.D
 Acq On : 22 May 2019 00:41
 Operator : JU/SJ
 Sample : K2945-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH55-3E-2SB-2CTR2-GY-G2

Quant Time: May 22 08:12:08 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	250832	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	988432	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	456292	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	820016	20.00	ng	0.00
76) Chrysene-d12	14.00	240	514958	20.00	ng	0.00
87) Perylene-d12	15.47	264	457862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1392323	89.33	ng	0.00
7) Phenol-d6	6.48	99	1665193	90.33	ng	0.00
23) Nitrobenzene-d5	7.39	82	1228572	69.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	459375	97.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2081234	69.00	ng	0.00
79) Terphenyl-d14	12.94	244	1763861	70.61	ng	0.00

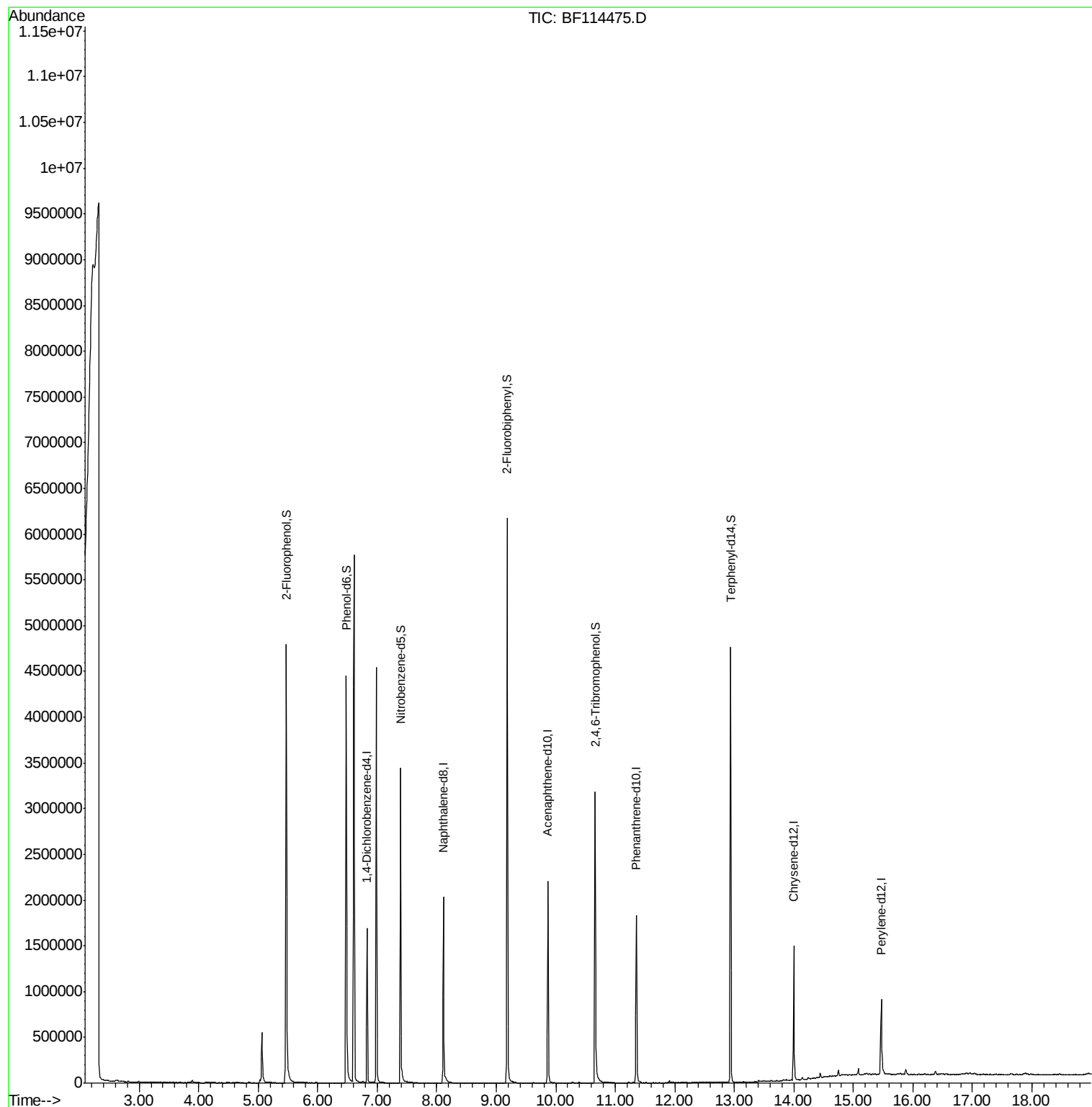
Target Compounds	Qvalue
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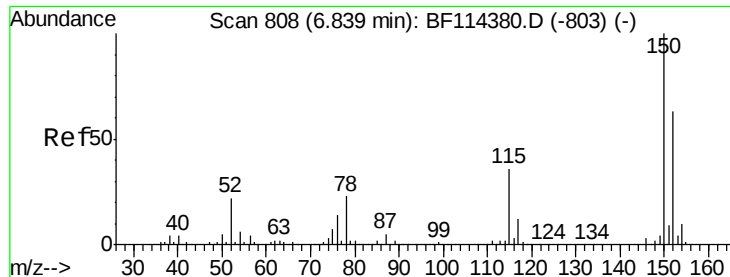
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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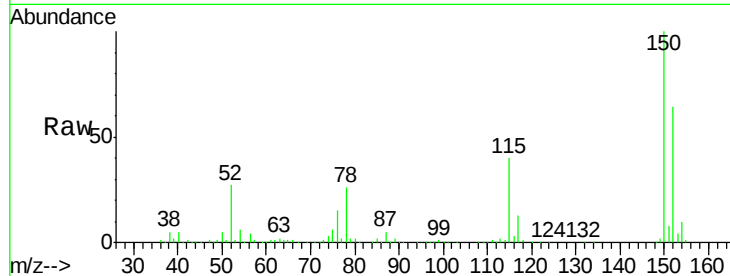


#1

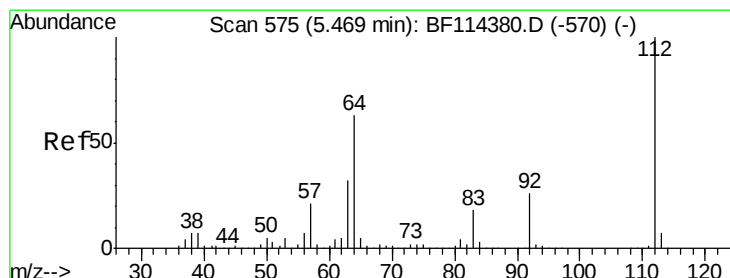
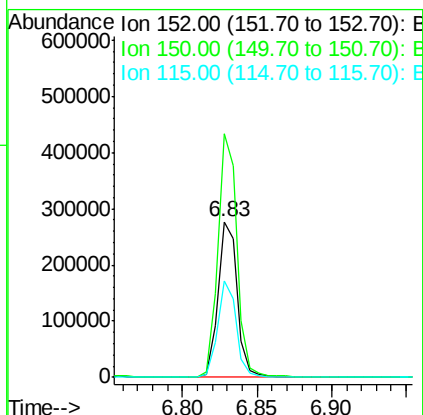
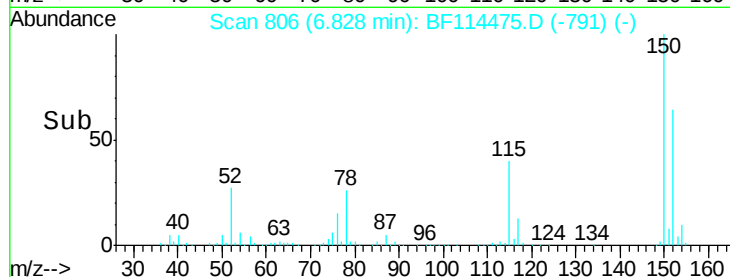
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

Instrument :
BNA_F
ClientSampleId :
OH55-3E-2SB-2CTR2-GY-G2

Tgt Ion:152 Resp: 250832
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 62.1 49.1 73.7



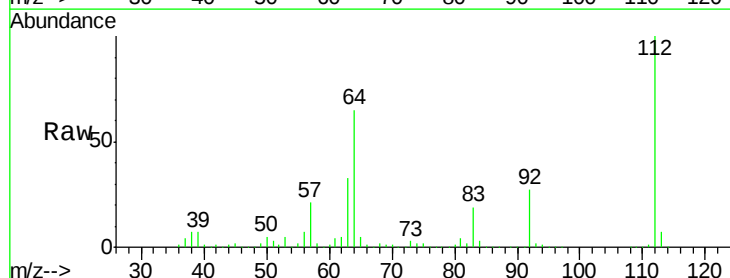
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



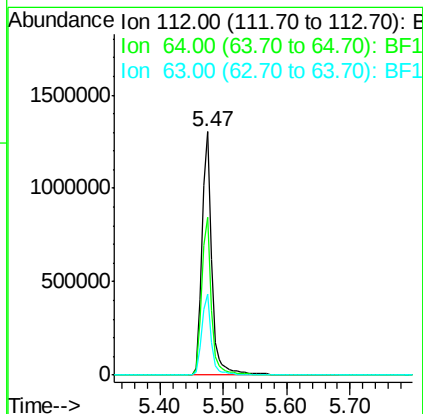
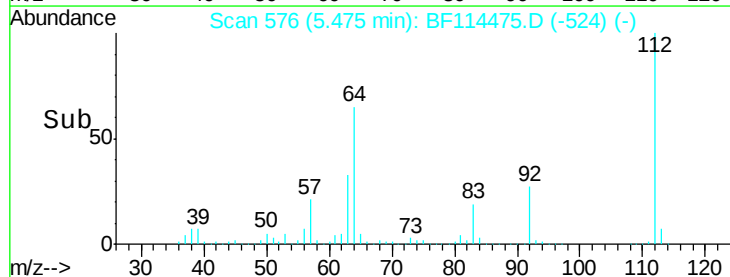
#5

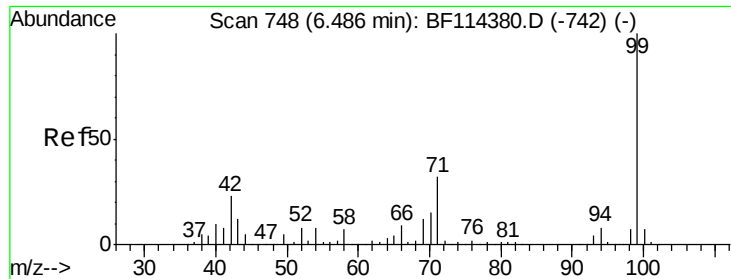
2-Fluorophenol
Concen: 89.327 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

Tgt Ion:112 Resp: 1392323
Ion Ratio Lower Upper
112 100
64 64.7 49.0 73.6
63 33.1 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: 90.328 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114475.D

Acq: 22 May 2019 00:41

Instrument :

BNA_F

ClientSampleId :

OH55-3E-2SB-2CTR2-GY-G2

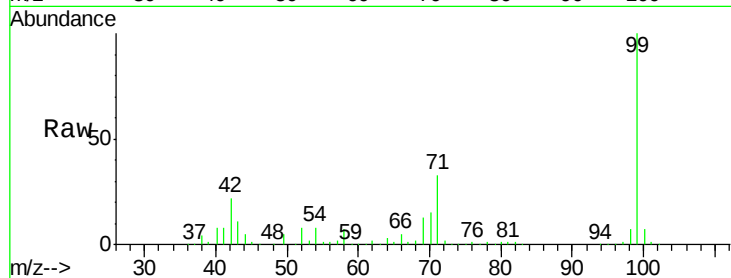
Tgt Ion: 99 Resp: 1665193

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

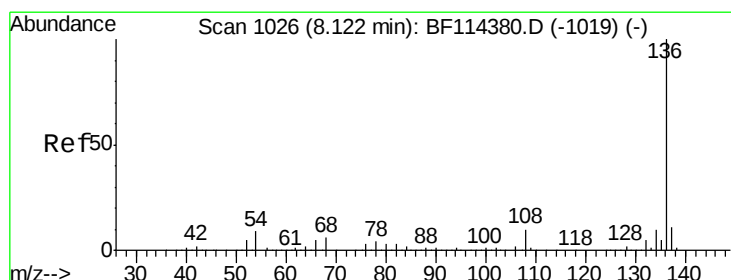
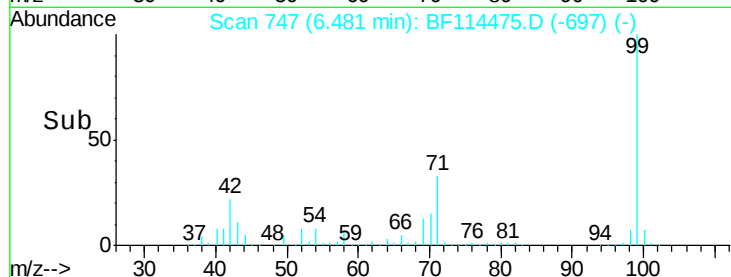
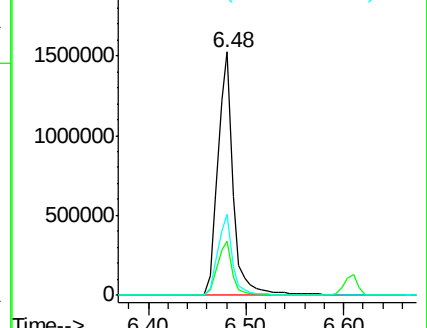
71 33.3 26.2 39.2



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: BF114475.D

Acq: 22 May 2019 00:41

Tgt Ion: 136 Resp: 988432

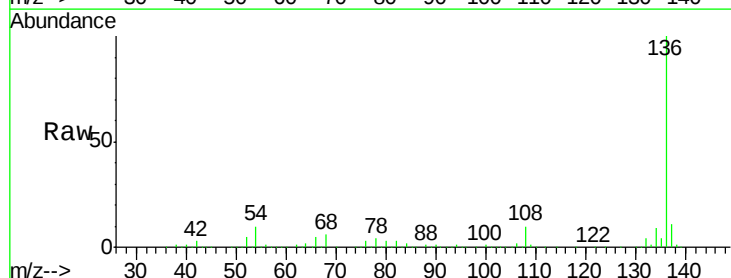
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.8 7.8 11.8

68 6.2 5.1 7.7

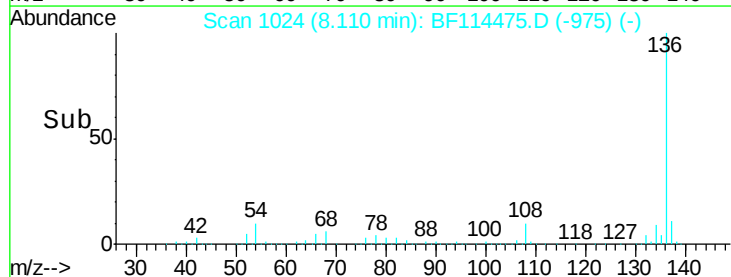
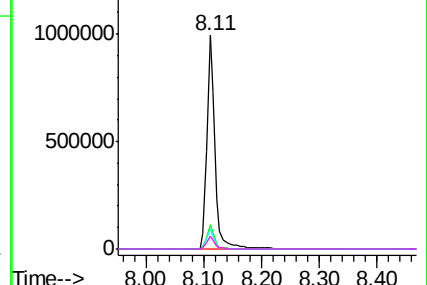


Abundance Ion 136.00 (135.70 to 136.70): E

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

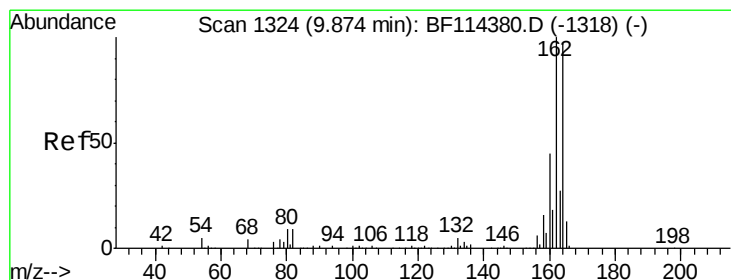
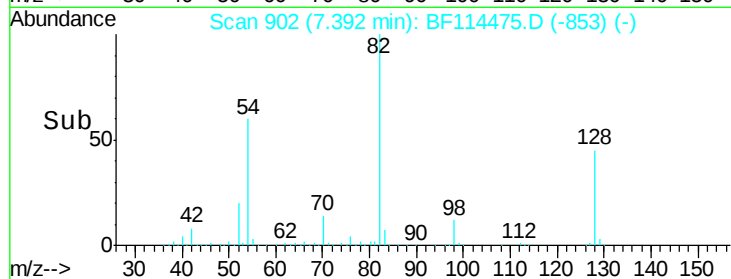
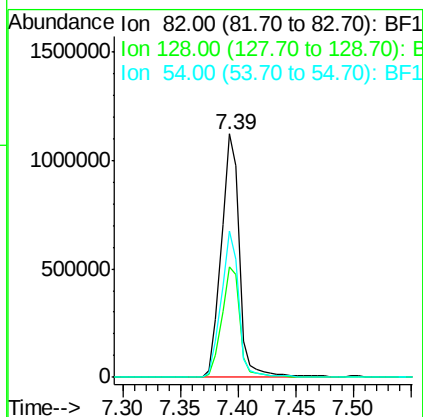
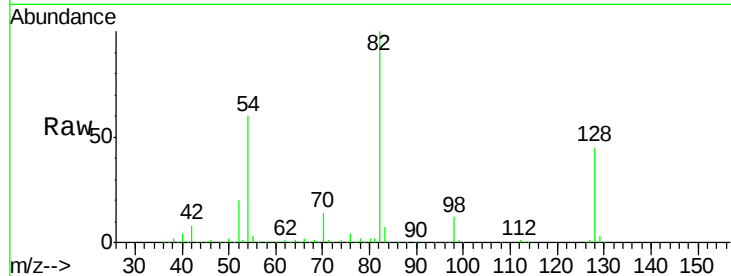




#23
Nitrobenzene-d5
Concen: 69.754 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

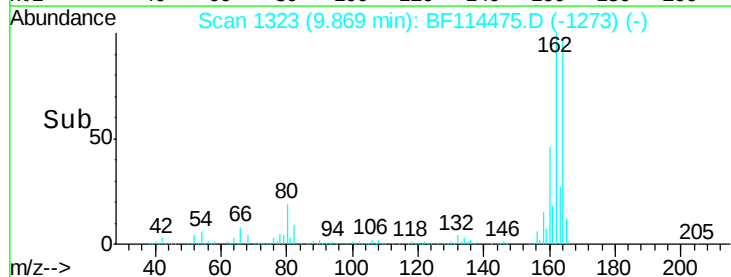
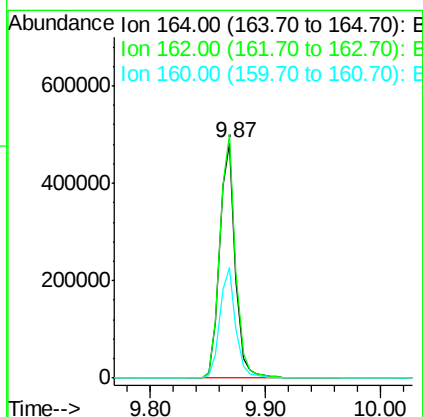
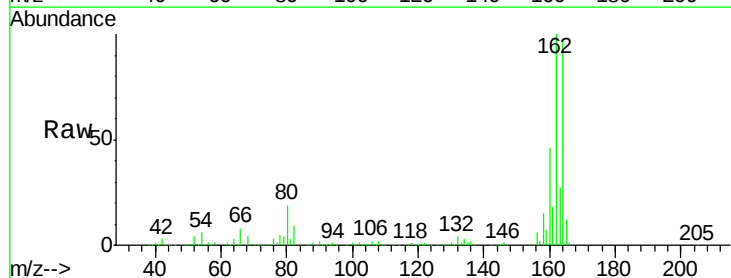
Instrument :
BNA_F
ClientSampleId :
OH55-3E-2SB-2CTR2-GY-G2

Tgt Ion: 82 Resp: 1228572
Ion Ratio Lower Upper
82 100
128 45.3 35.5 53.3
54 60.3 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

Tgt Ion: 164 Resp: 456292
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 47.1 36.5 54.7

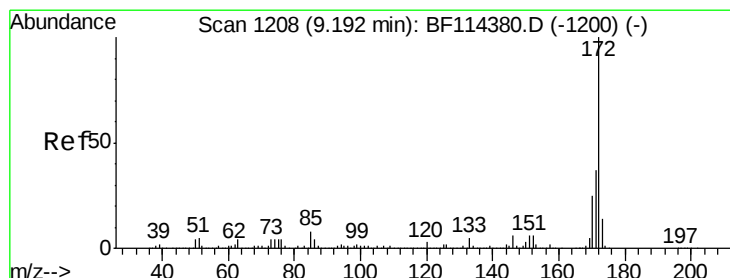
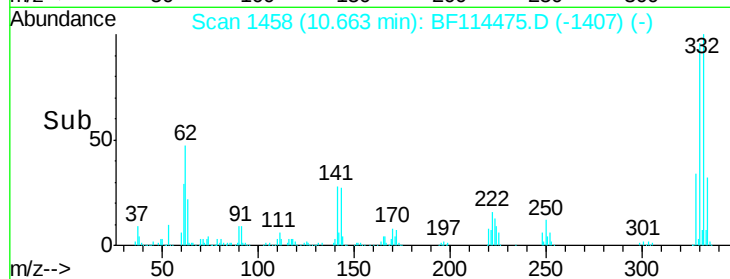
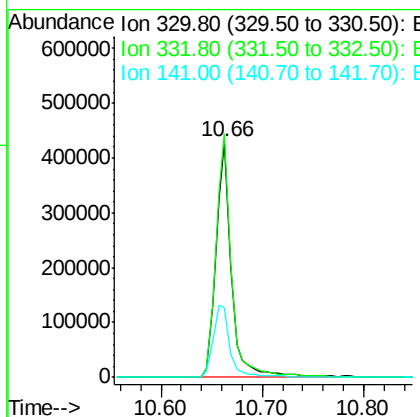
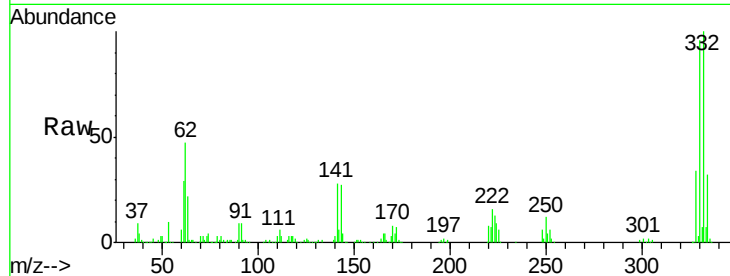




#42
 2,4,6-Tribromophenol
 Concen: 97.381 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114475.D
 Acq: 22 May 2019 00:41

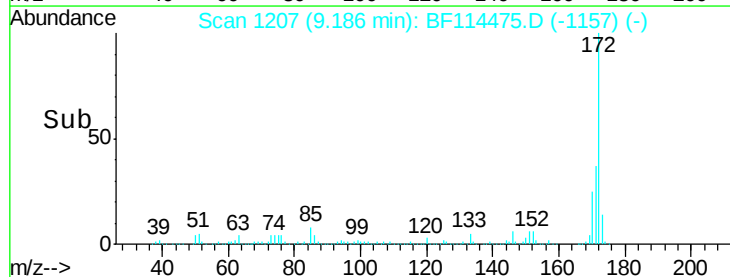
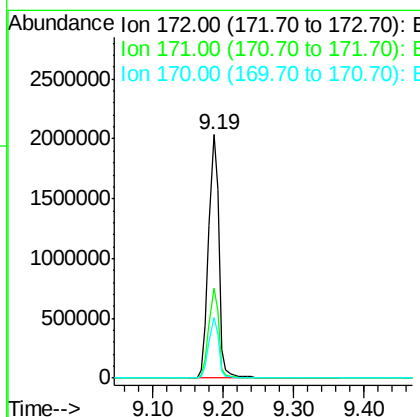
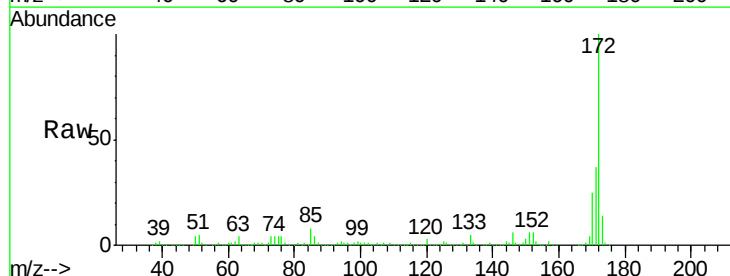
Instrument :
 BNA_F
 ClientSampleId :
 OH55-3E-2SB-2CTR2-GY-G2

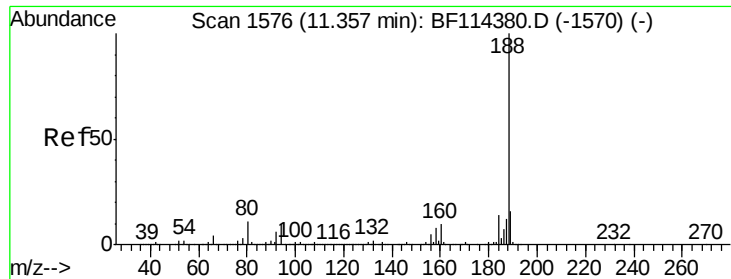
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	81.4	122.2
141	33.9	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 68.996 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114475.D
 Acq: 22 May 2019 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	25.0	20.5	30.7

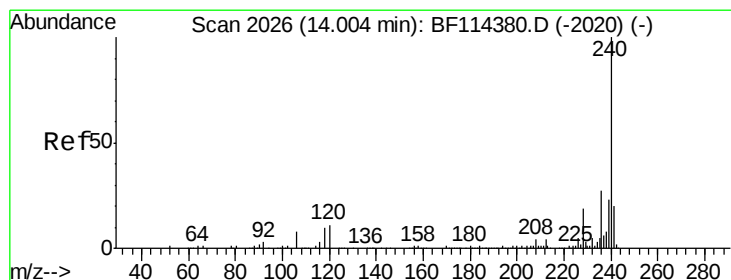
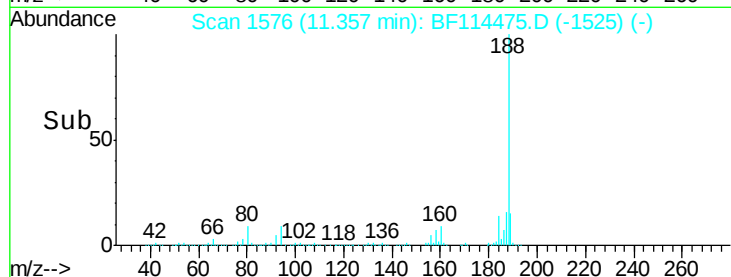
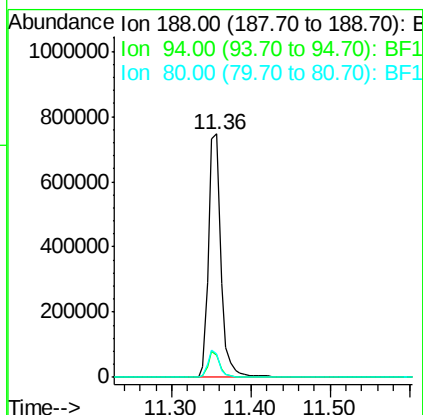
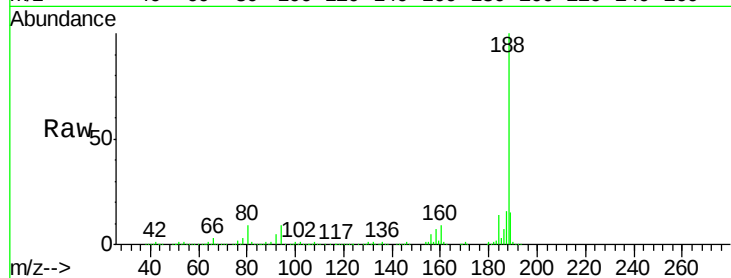




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

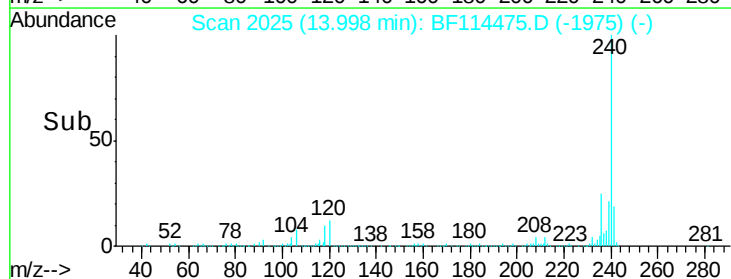
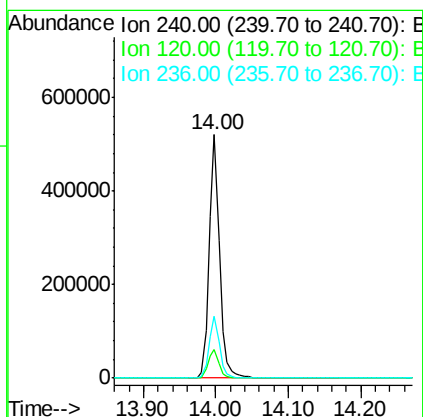
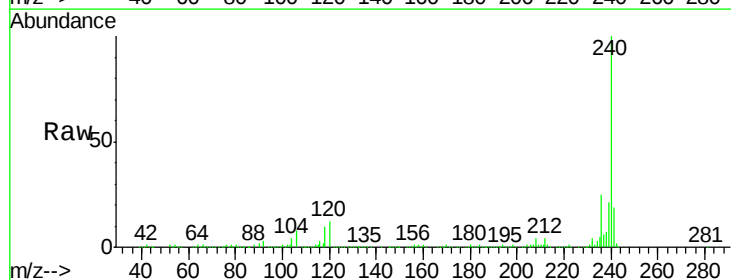
Instrument :
BNA_F
ClientSampleId :
OH55-3E-2SB-2CTR2-GY-G2

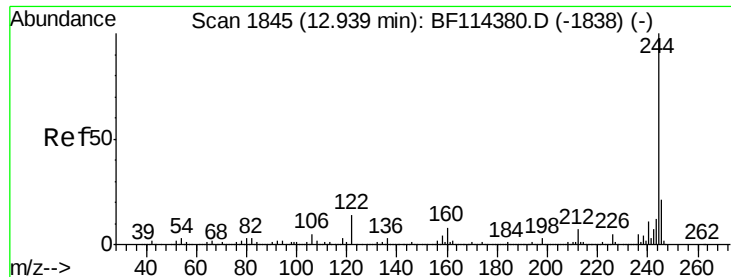
Tgt Ion:188 Resp: 820016
Ion Ratio Lower Upper
188 100
94 8.9 8.4 12.6
80 9.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114475.D
Acq: 22 May 2019 00:41

Tgt Ion:240 Resp: 514958
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.3 20.8 31.2

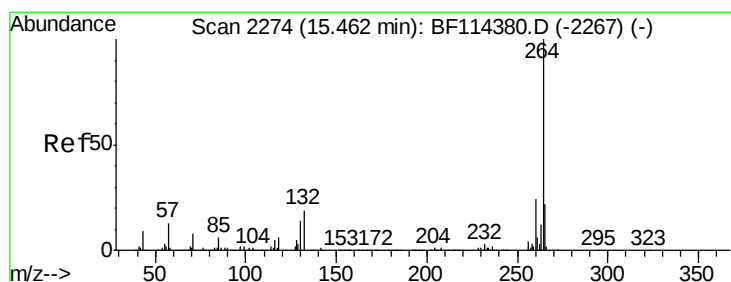
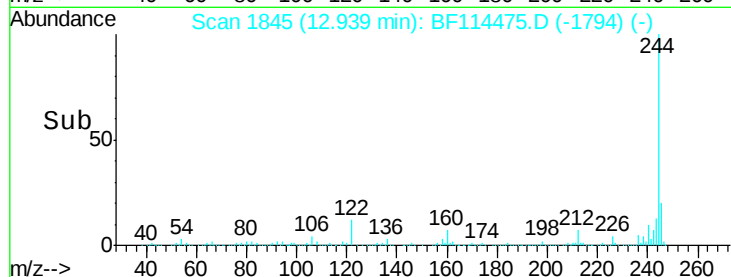
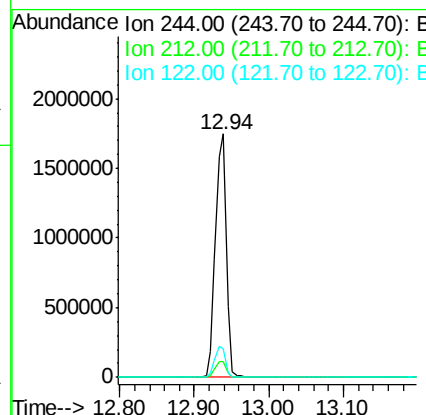
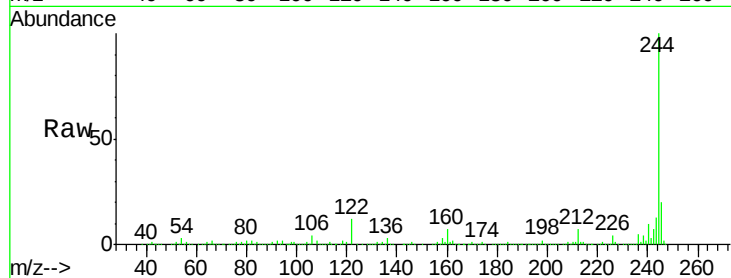




#79
 Terphenyl-d14
 Concen: 70.609 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114475.D
 Acq: 22 May 2019 00:41

Instrument :
 BNA_F
 ClientSampleId :
 OH55-3E-2SB-2CTR2-GY-G2

Tgt Ion:244 Resp: 1763861
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF114475.D
 Acq: 22 May 2019 00:41

Tgt Ion:264 Resp: 457862
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 20.9 16.9 25.3

