

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114417.D
 Acq On : 19 May 2019 4:04
 Operator : JU/SJ
 Sample : K2643-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: May 20 08:52:27 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	6.84	152	262610	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	931629	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	425068	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	771251	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	486947	20.00	ng	-0.03
87) Perylene-d12	15.46	264	511997	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2839625	174.01	ng	0.02
7) Phenol-d6	6.50	99	3457779	179.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	2669489	160.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	893320	203.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	4001827	142.41	ng	-0.02
79) Terphenyl-d14	12.94	244	3323656	140.70	ng	-0.02

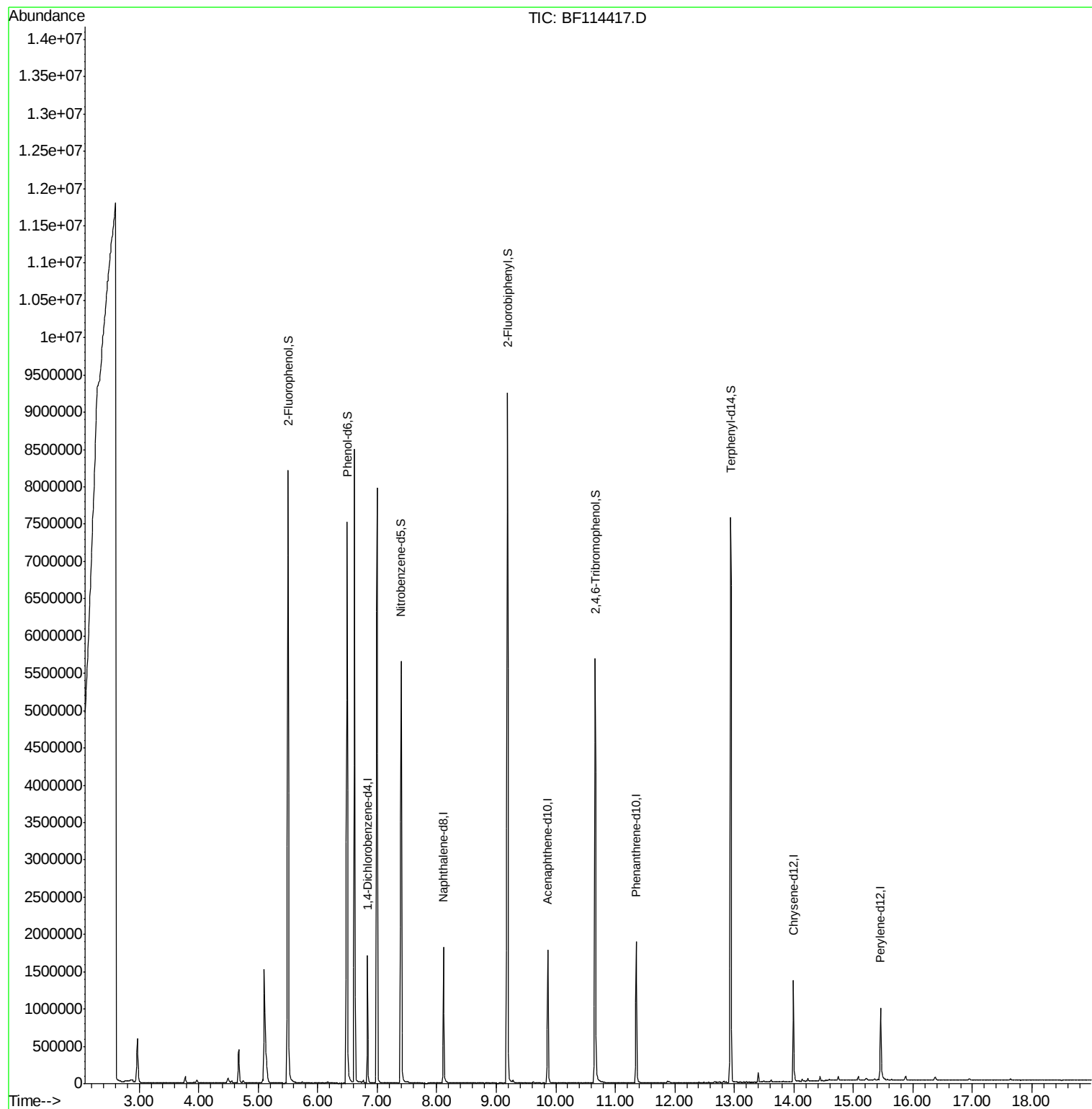
Target Compounds	Qvalue
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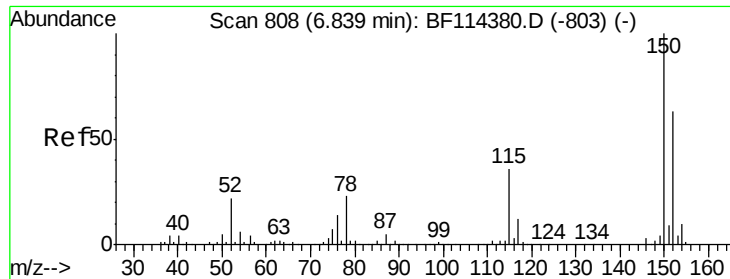
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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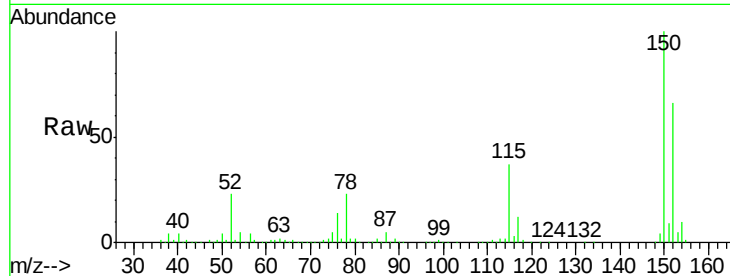


#1

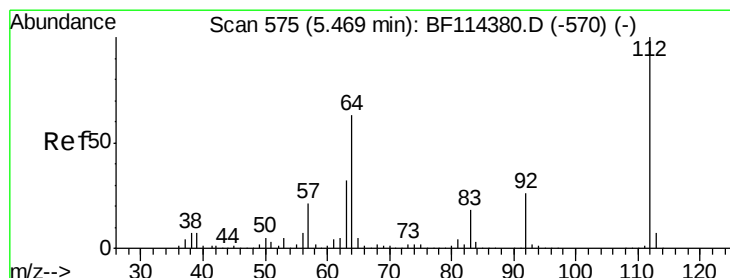
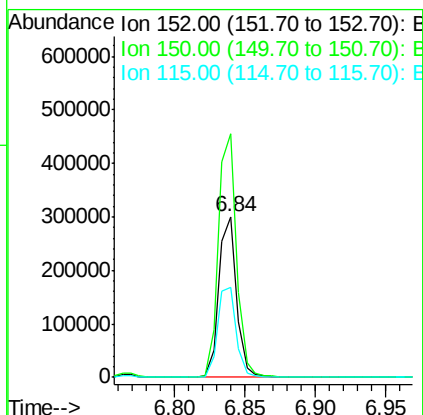
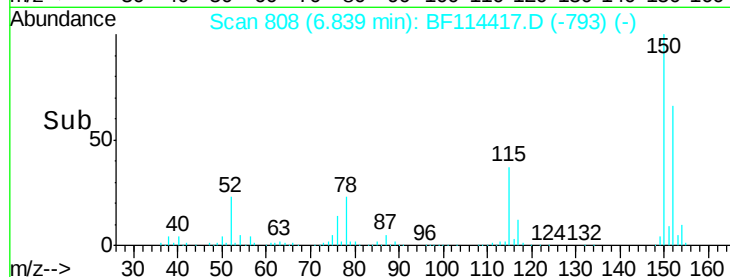
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

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

Tgt Ion:152 Resp: 262610
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 56.1 49.1 73.7



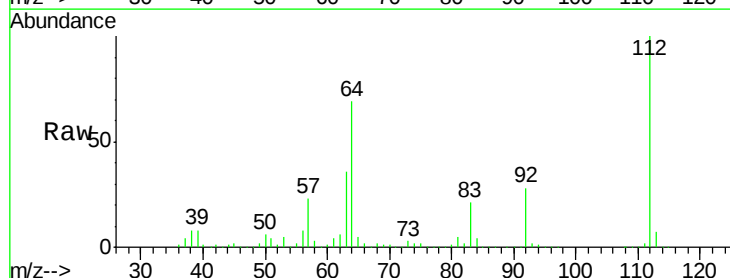
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



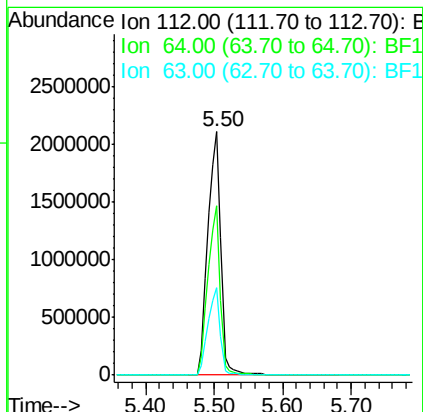
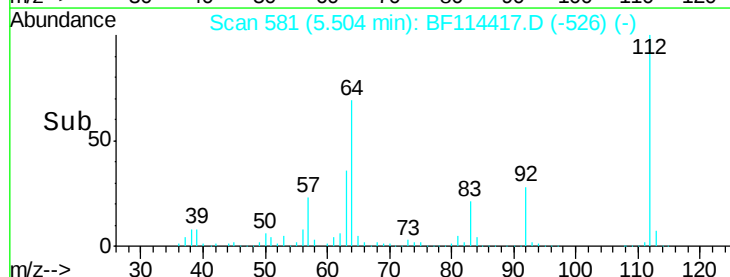
#5

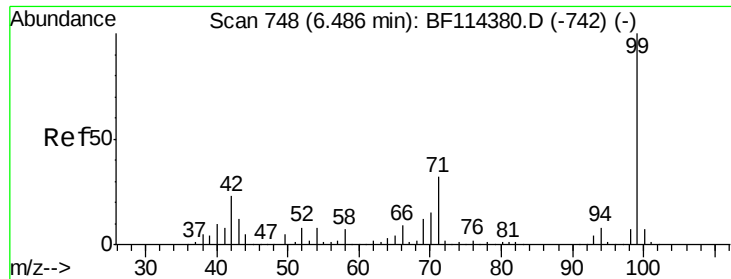
2-Fluorophenol
Concen: 174.011 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion:112 Resp: 2839625
Ion Ratio Lower Upper
112 100
64 69.5 49.0 73.6
63 35.8 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: 179.154 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-B

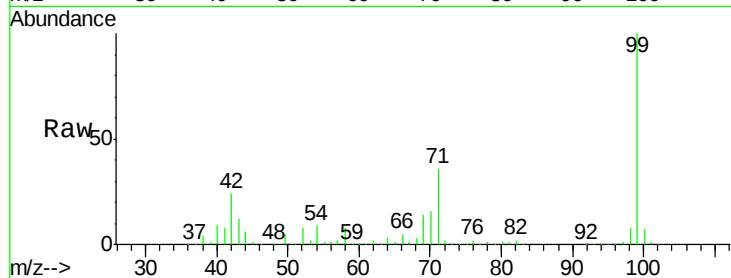
Tgt Ion: 99 Resp: 3457779

Ion Ratio Lower Upper

99 100

42 23.8 17.9 26.9

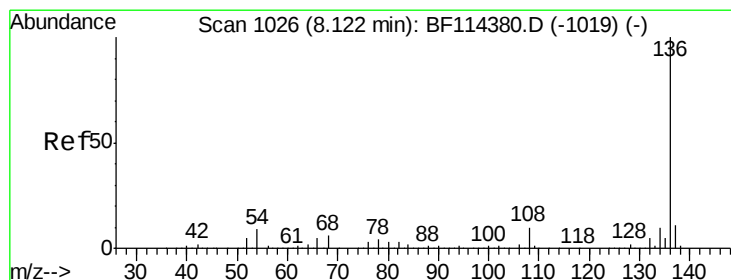
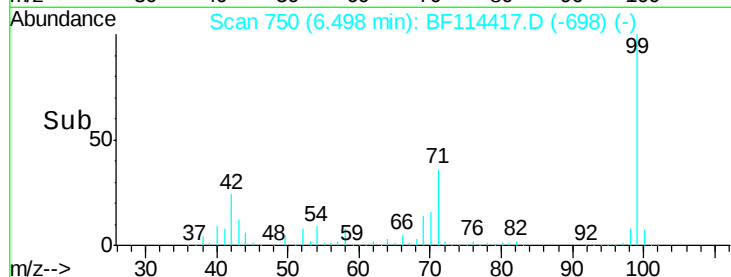
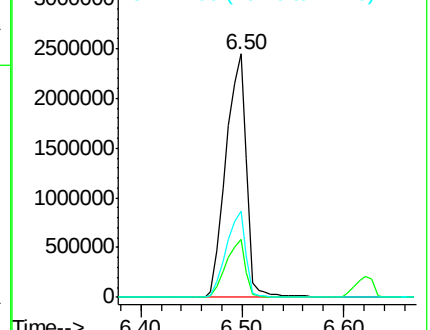
71 35.6 26.2 39.2



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: BF114417.D

Acq: 19 May 2019 4:04

Tgt Ion: 136 Resp: 931629

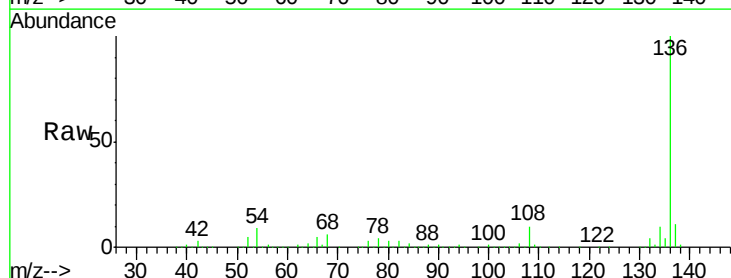
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.4 7.8 11.8

68 6.1 5.1 7.7

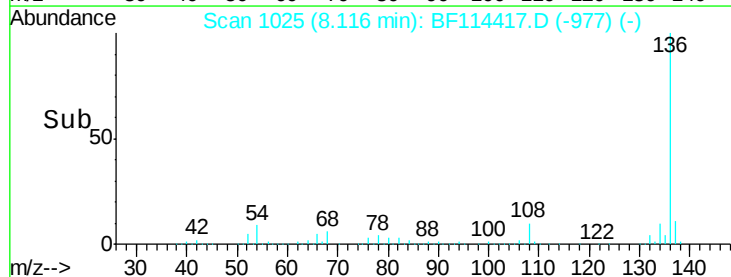
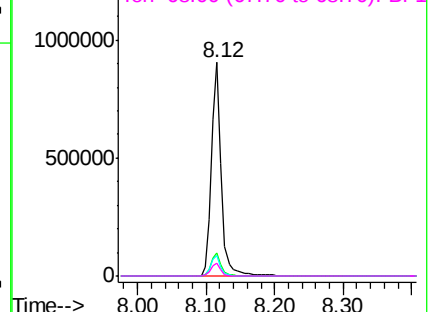


Abundance Ion 136.00 (135.70 to 136.70): E

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

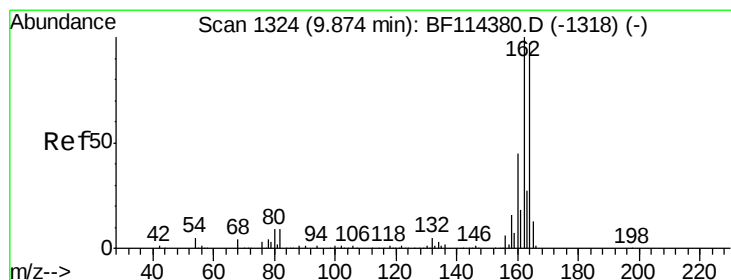
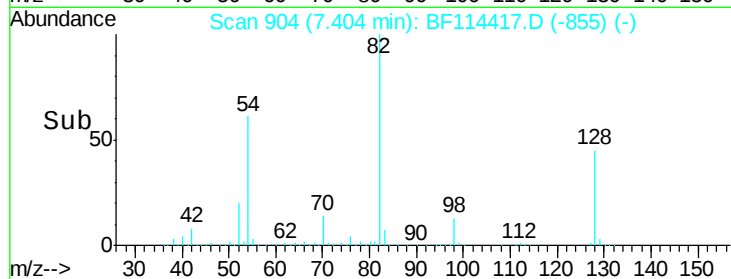
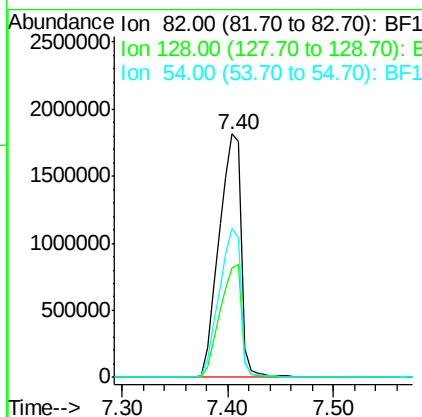
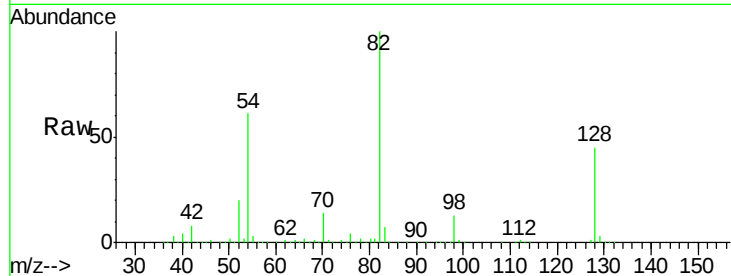




#23
Nitrobenzene-d5
Concen: 160.806 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

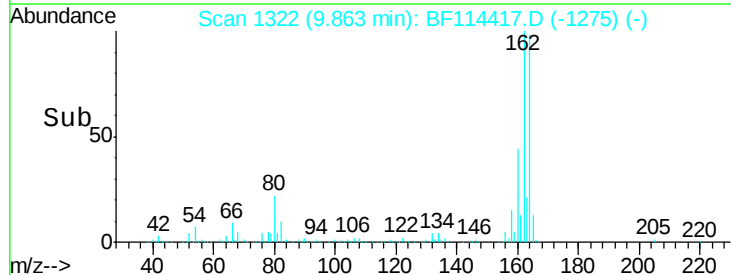
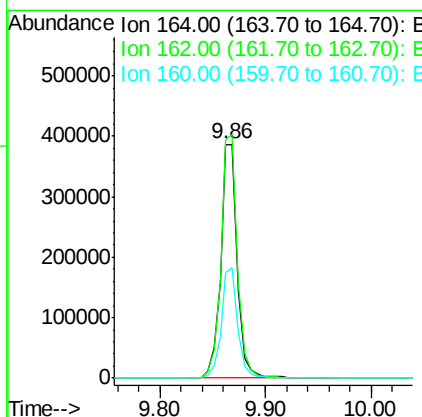
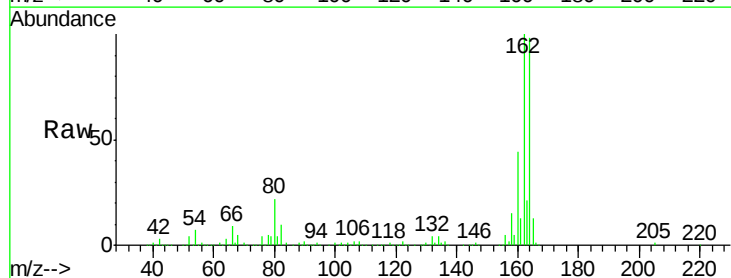
Instrument :
BNA_F
ClientSampleId :
OR-02-051619-B

Tgt Ion: 82 Resp: 2669489
Ion Ratio Lower Upper
82 100
128 45.1 35.5 53.3
54 61.2 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion: 164 Resp: 425068
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.9 36.5 54.7

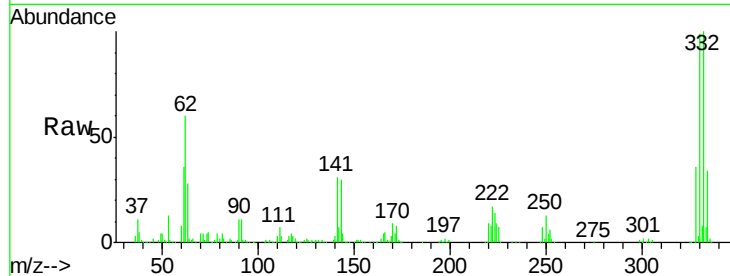




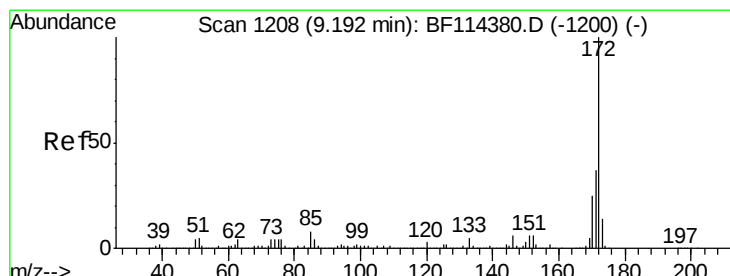
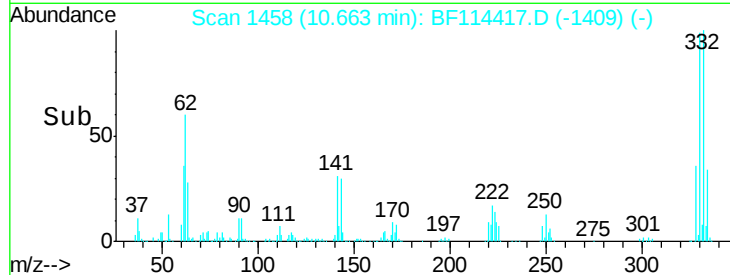
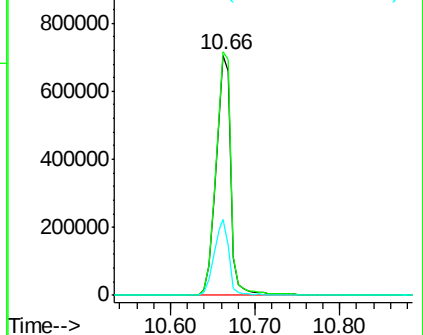
#42
 2,4,6-Tribromophenol
 Concen: 203.282 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.6	81.4	122.2
141	32.0	26.6	40.0

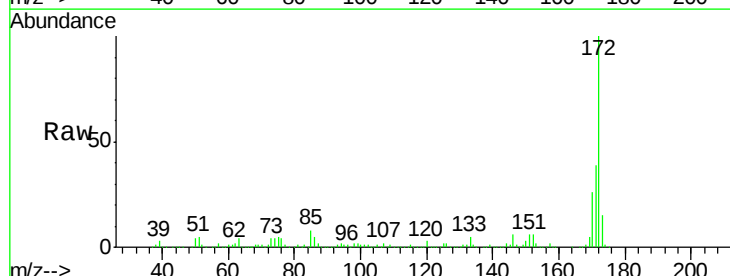


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

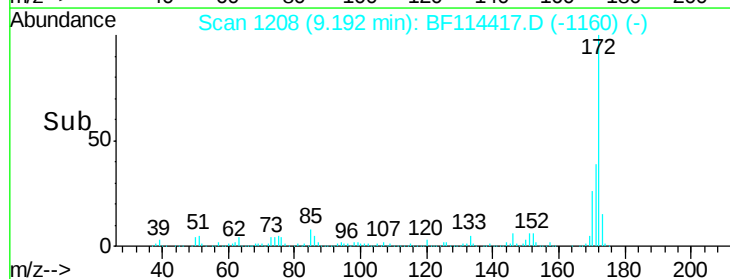
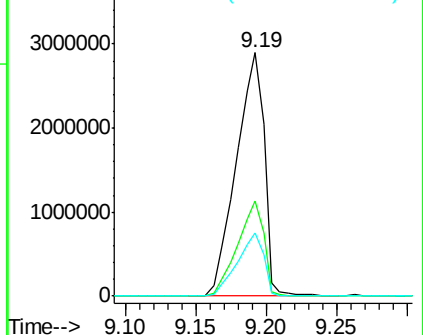


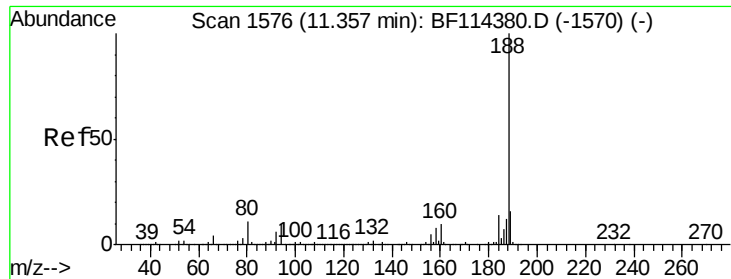
#45
 2-Fluorobiphenyl
 Concen: 142.411 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.7	46.1
170	26.1	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

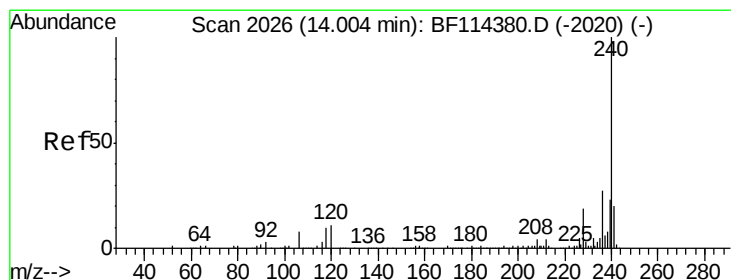
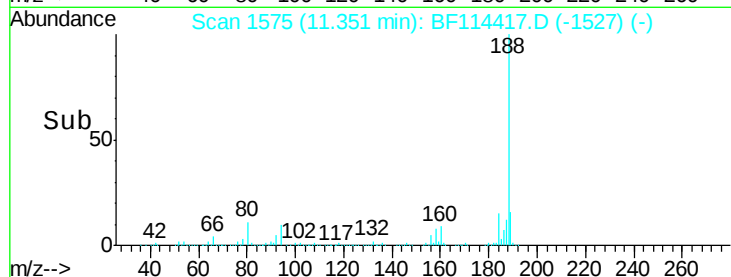
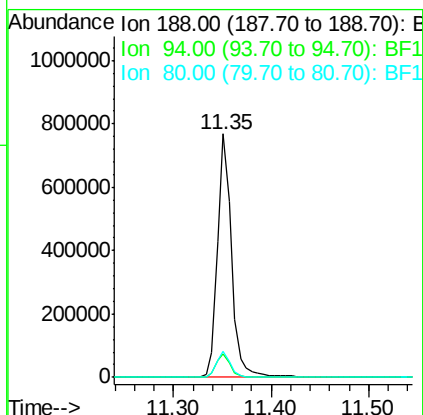
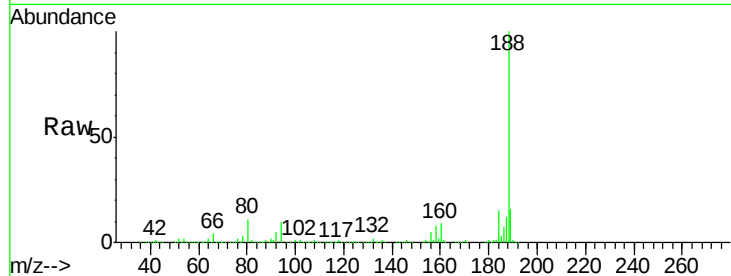




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

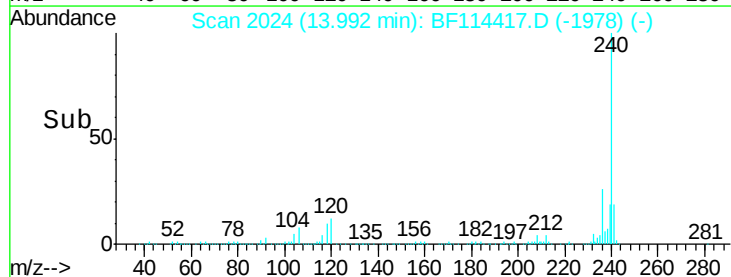
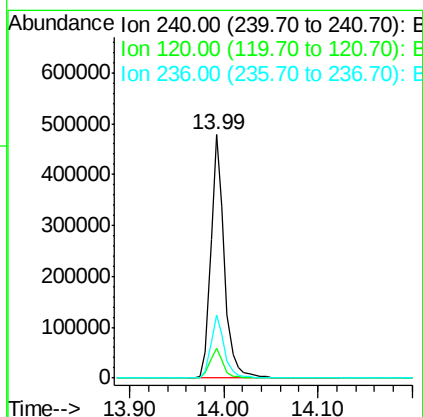
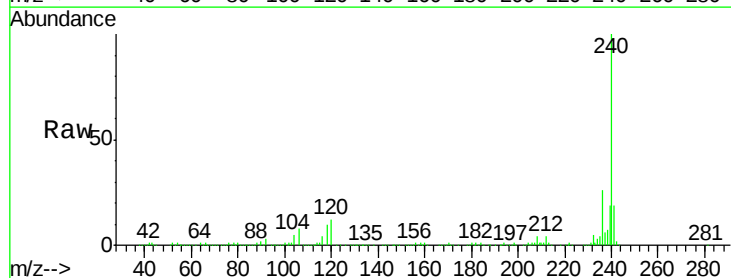
Instrument :
BNA_F
ClientSampleId :
OR-02-051619-B

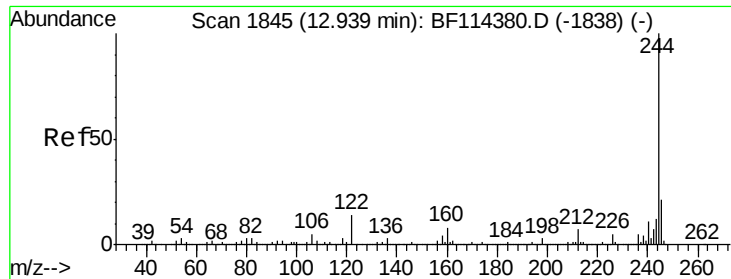
Tgt Ion:188 Resp: 771251
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion:240 Resp: 486947
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 140.703 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-B

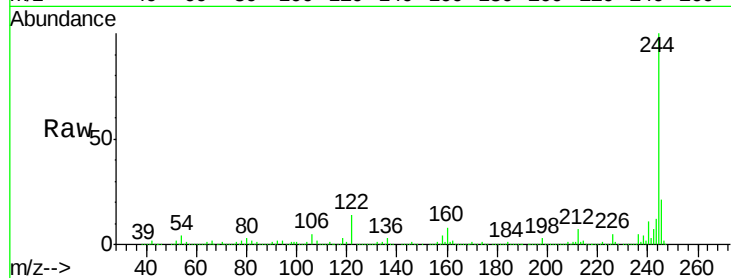
Tgt Ion:244 Resp: 3323656

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

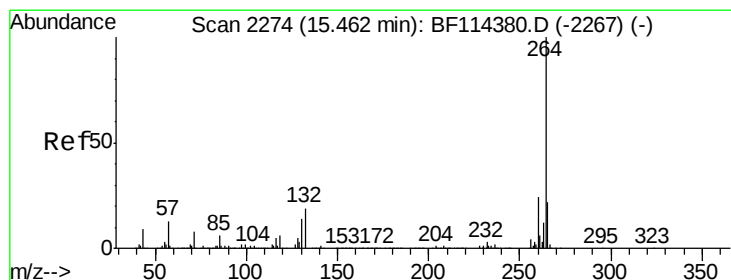
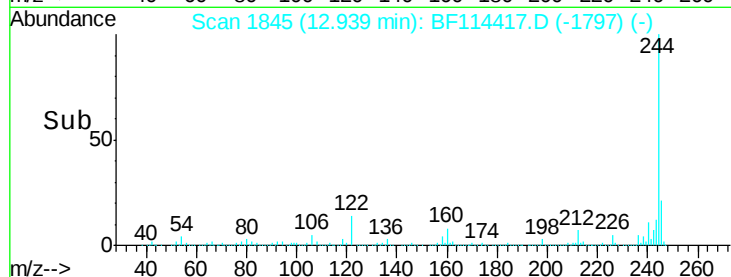
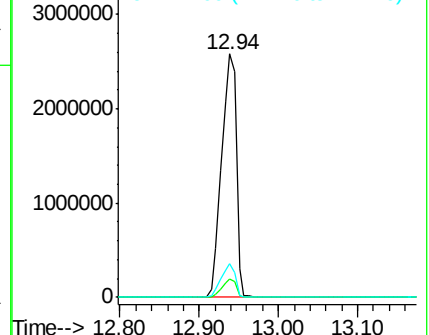
122 13.6 9.4 14.2



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

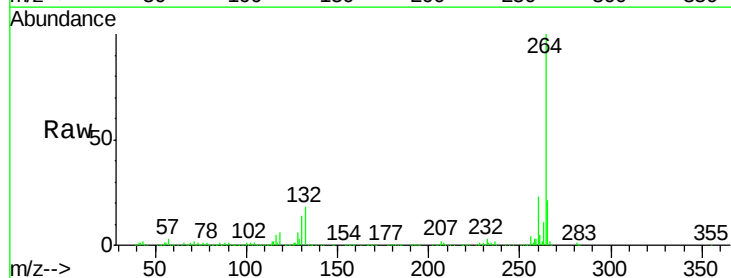
Tgt Ion:264 Resp: 511997

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.0

265 21.0 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

