

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114425.D
 Acq On : 19 May 2019 7:35
 Operator : JU/SJ
 Sample : PB119867BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119867BL

Quant Time: May 20 09:11:06 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	235005	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	871987	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	384430	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	676290	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	444961	20.00	ng	-0.03
87) Perylene-d12	15.46	264	433114	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1466670	100.43	ng	0.00
7) Phenol-d6	6.48	99	1910927	110.64	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1177573	75.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	359489	90.45	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2066650	81.32	ng	-0.02
79) Terphenyl-d14	12.93	244	1648147	76.36	ng	-0.02

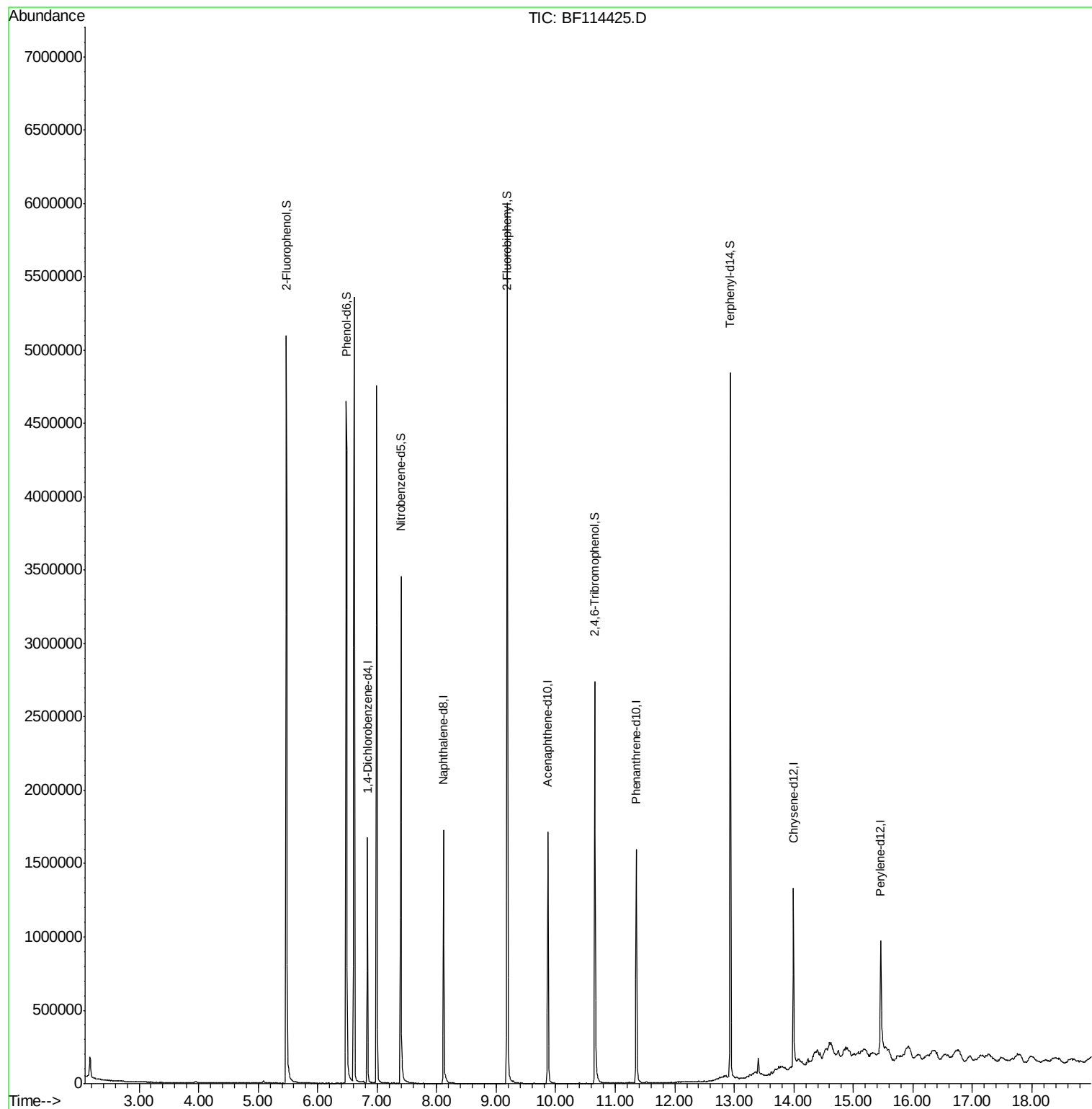
Target Compounds	Qvalue
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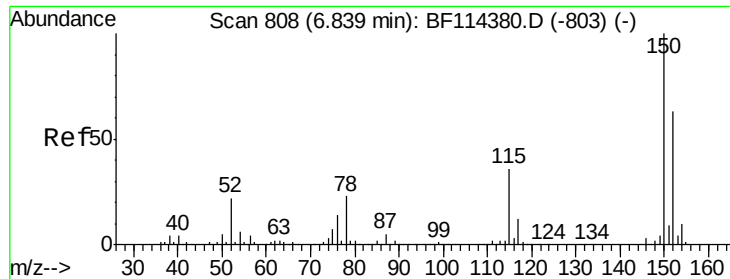
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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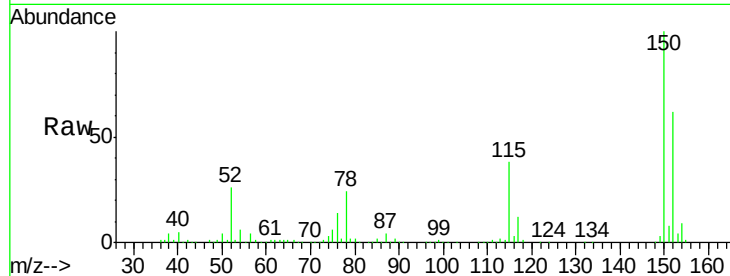


#1

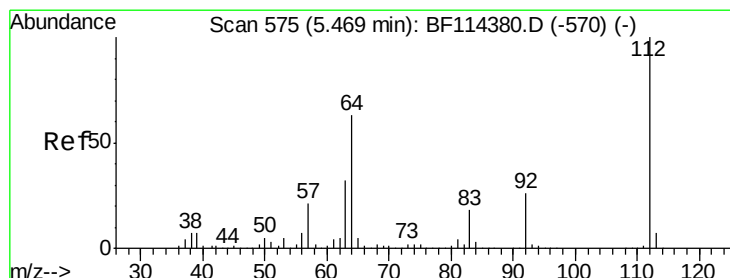
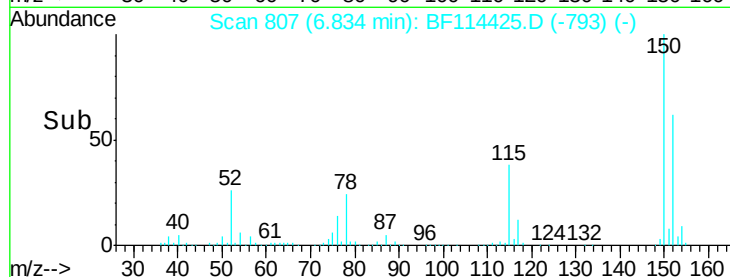
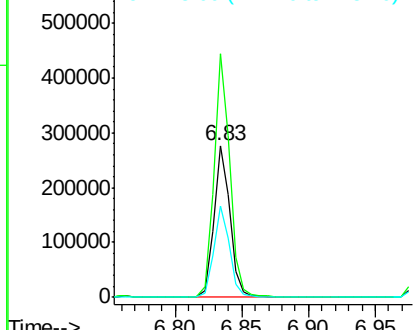
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Instrument :
BNA_F
ClientSampleId :
PB119867BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.3	186.5
115	60.6	49.1	73.7



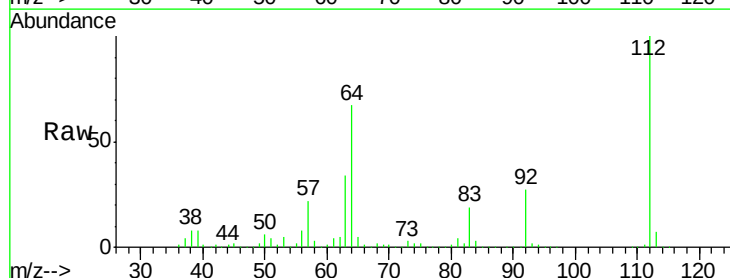
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



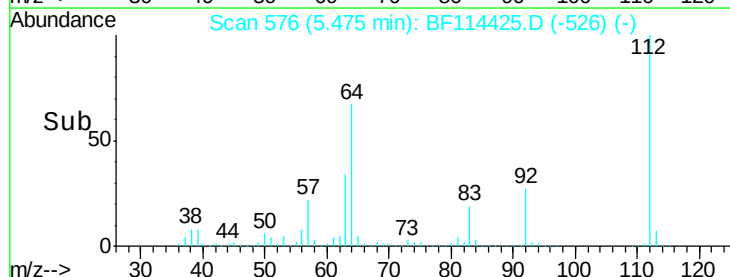
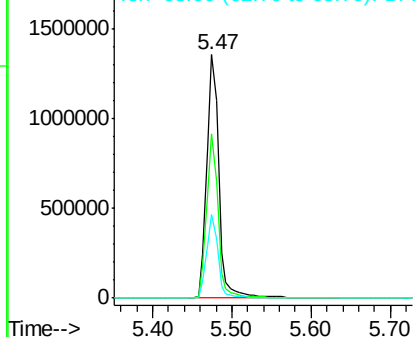
#5

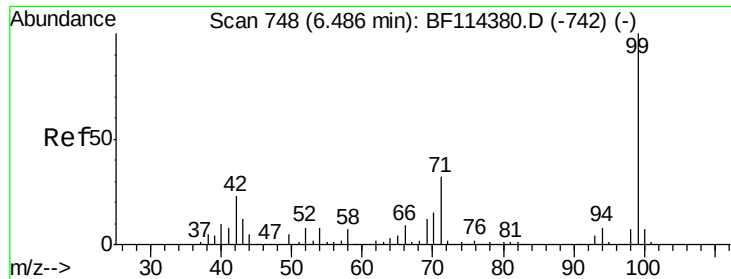
2-Fluorophenol
Concen: 100.434 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114425.D
Acq: 19 May 2019 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	49.0	73.6
63	34.1	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: 110.639 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

PB119867BL

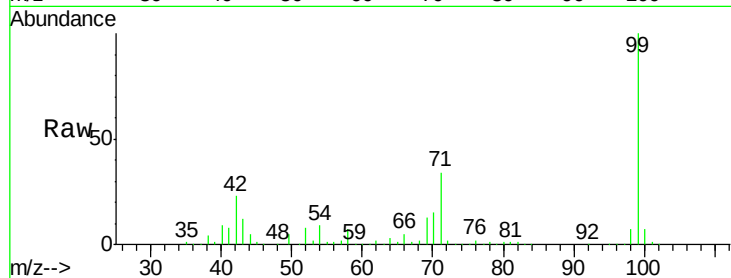
Tgt Ion: 99 Resp: 1910927

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

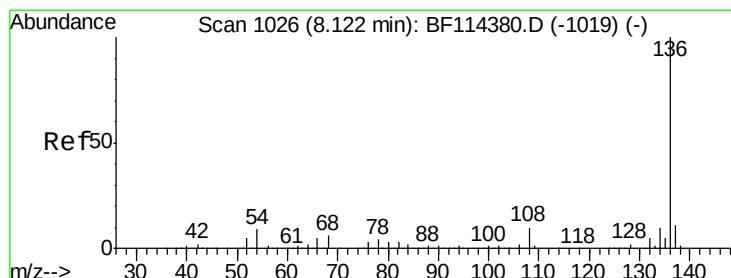
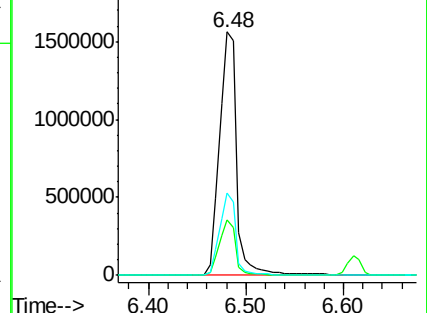
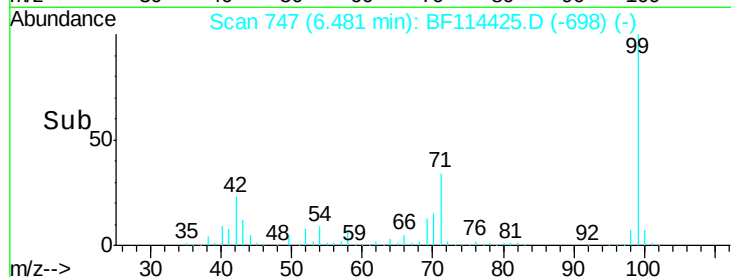
71 33.6 26.2 39.2



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: BF114425.D

Acq: 19 May 2019 7:35

Tgt Ion: 136 Resp: 871987

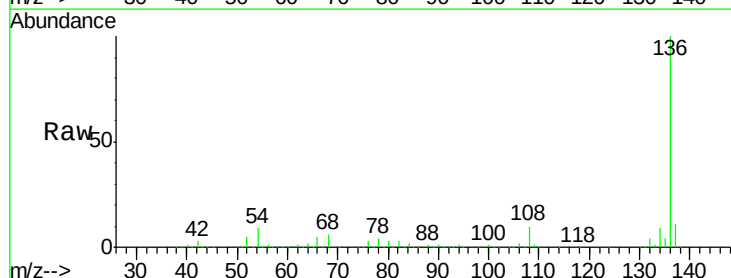
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.0 5.1 7.7

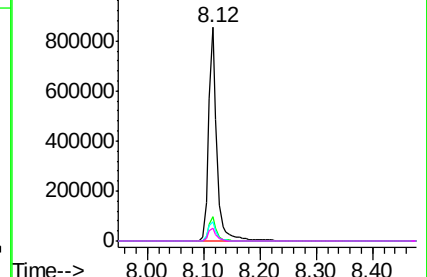
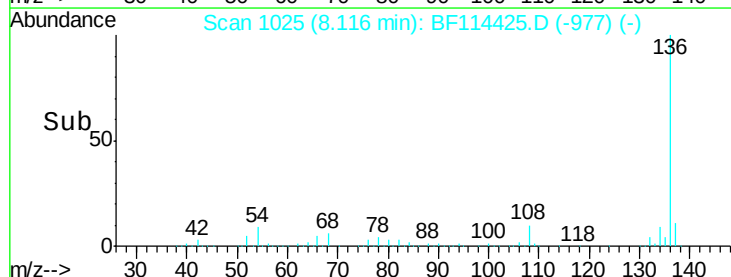


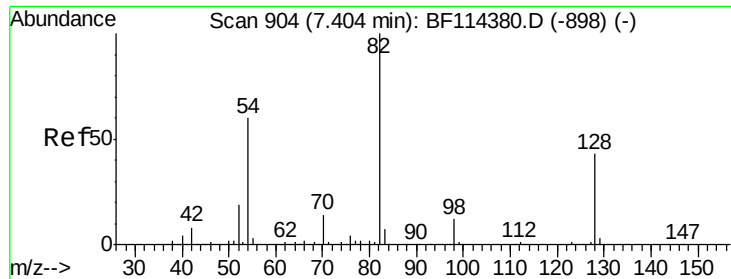
Abundance Ion 136.00 (135.70 to 136.70): E

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

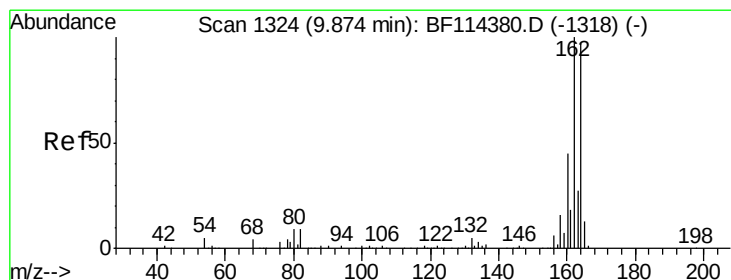
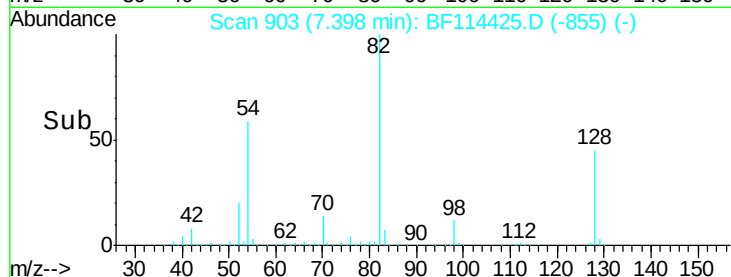
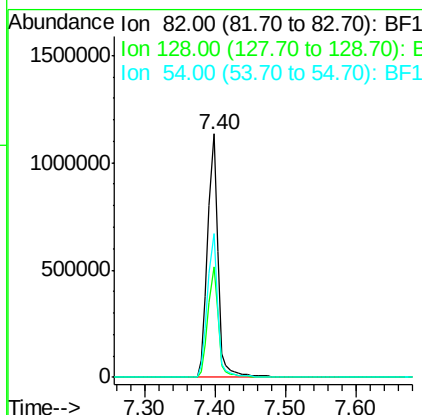
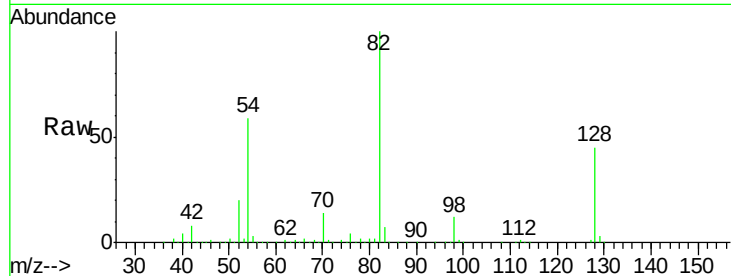




#23
 Nitrobenzene-d5
 Concen: 75.787 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

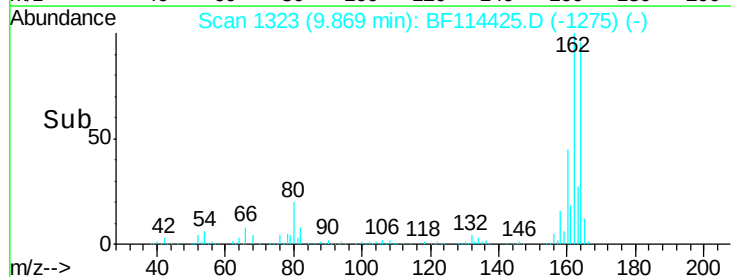
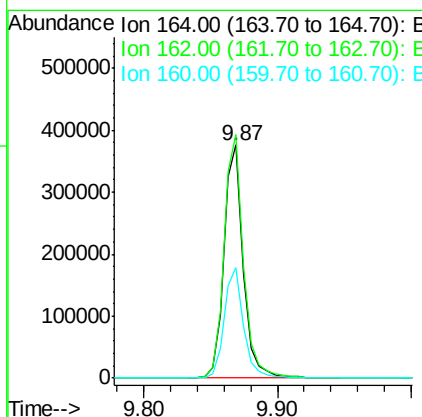
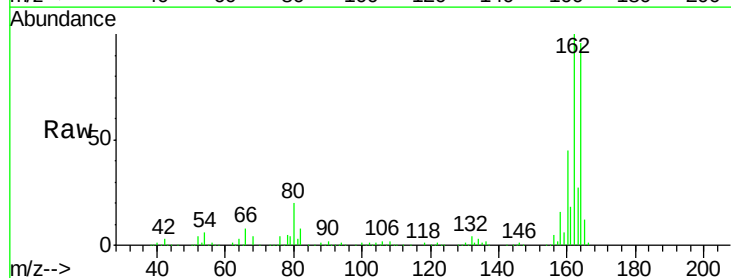
Instrument :
 BNA_F
 ClientSampleId :
 PB119867BL

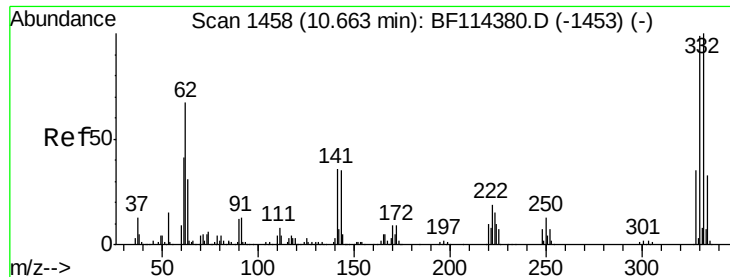
Tgt Ion: 82 Resp: 1177573
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.5 53.3
 54 59.0 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114425.D
 Acq: 19 May 2019 7:35

Tgt Ion: 164 Resp: 384430
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.6 120.8
 160 47.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 90.452 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

PB119867BL

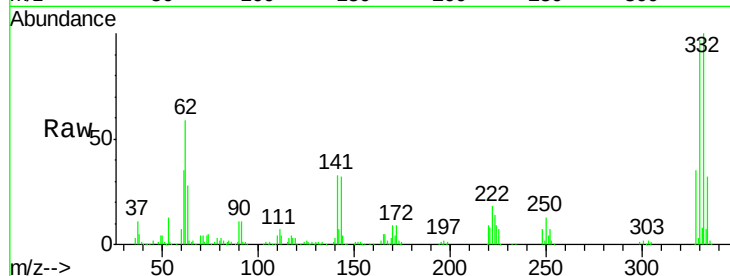
Tgt Ion:330 Resp: 359489

Ion Ratio Lower Upper

330 100

332 103.0 81.4 122.2

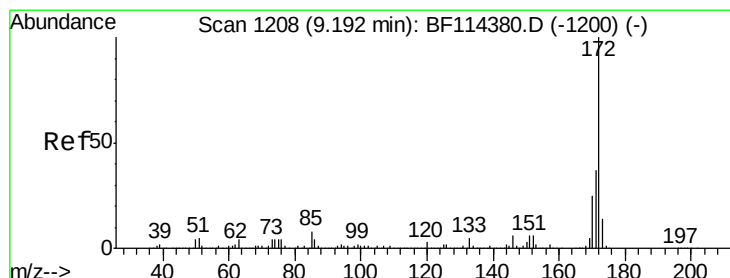
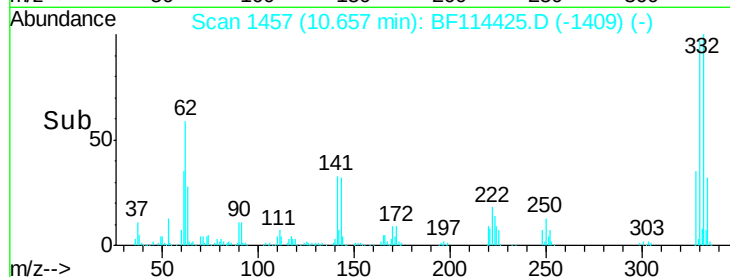
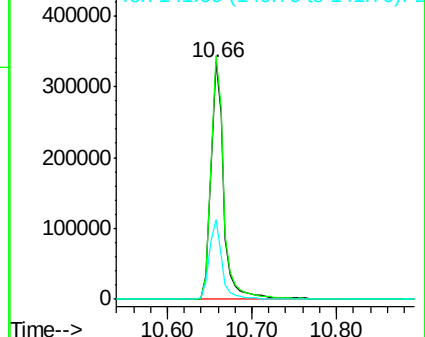
141 33.1 26.6 40.0



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: 81.319 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

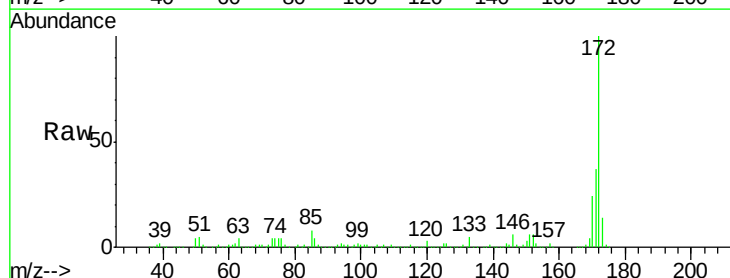
Tgt Ion:172 Resp: 2066650

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

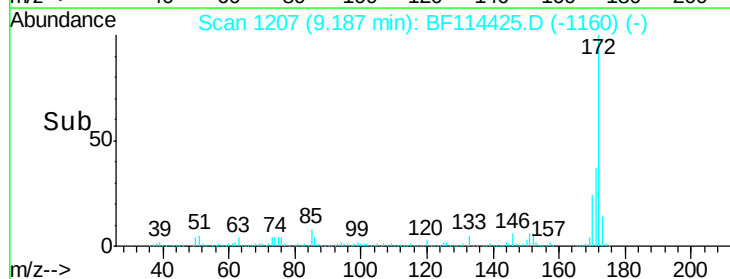
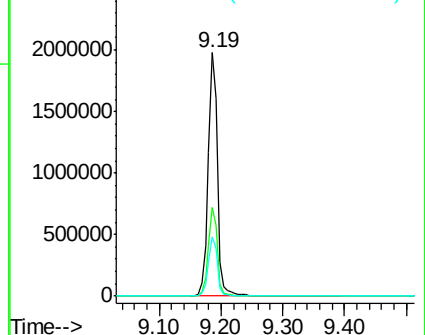
170 24.4 20.5 30.7

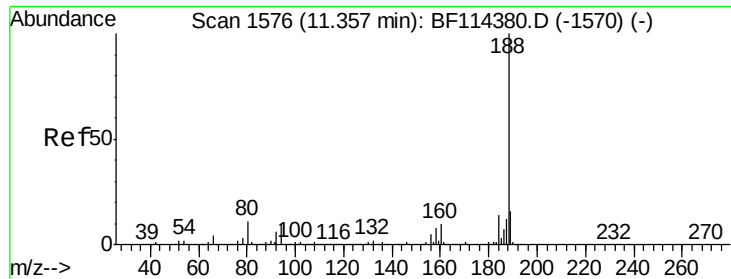


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

BNA_F

ClientSampleId :

PB119867BL

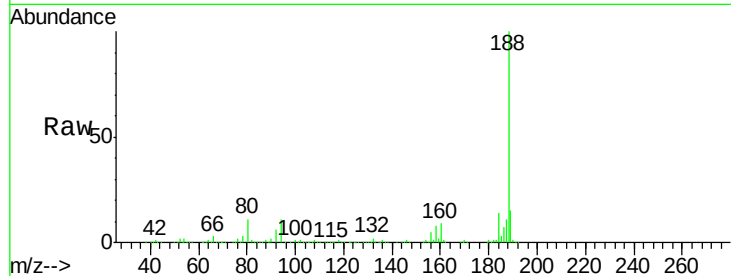
Tgt Ion:188 Resp: 676290

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

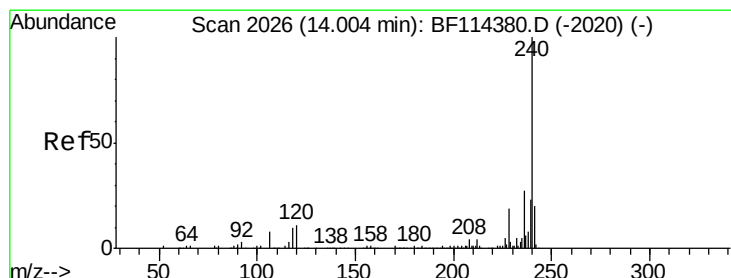
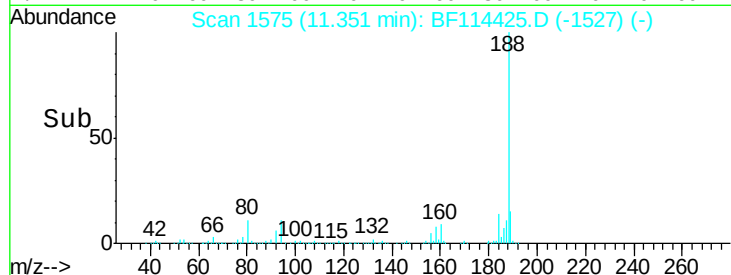
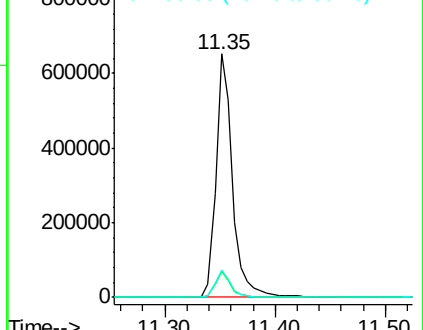
80 11.0 9.2 13.8



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: BF114425.D

Acq: 19 May 2019 7:35

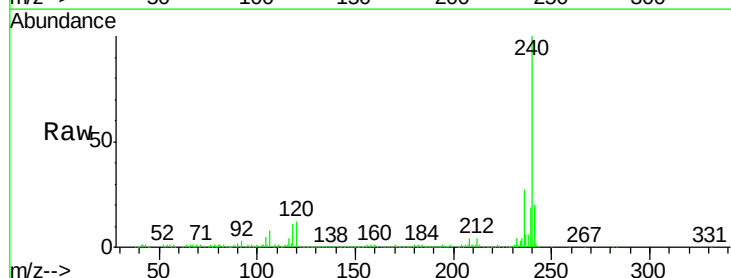
Tgt Ion:240 Resp: 444961

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

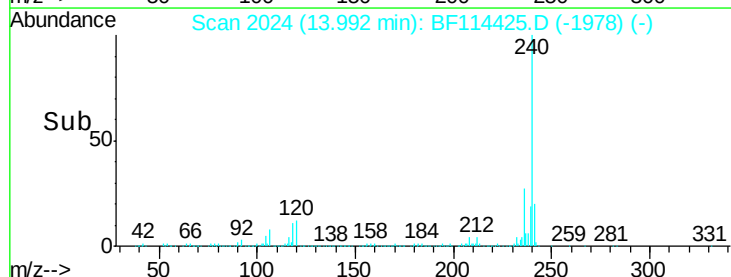
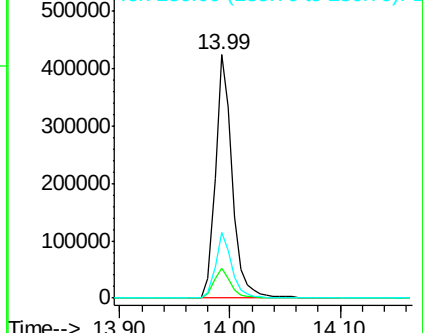
236 27.0 20.8 31.2

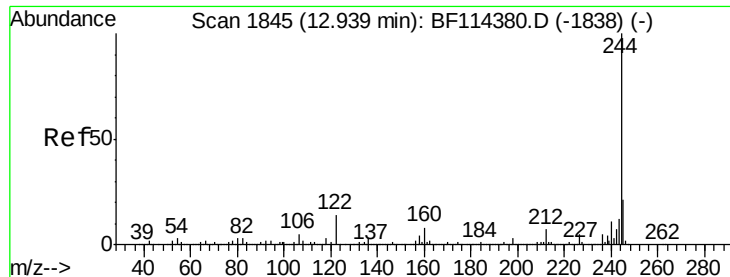


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.356 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114425.D

Acq: 19 May 2019 7:35

Instrument :

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PB119867BL

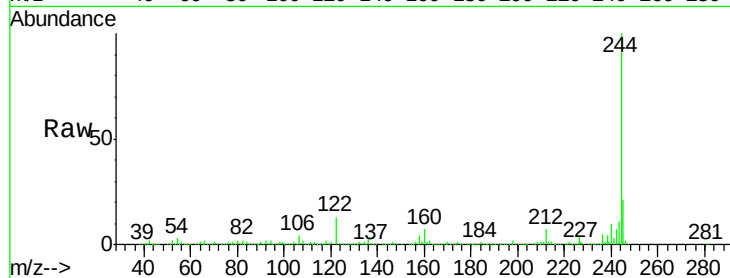
Tgt Ion:244 Resp: 1648147

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

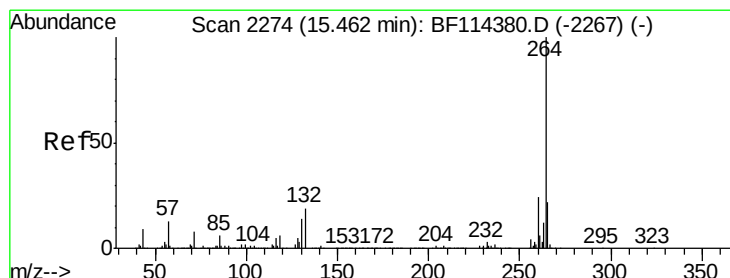
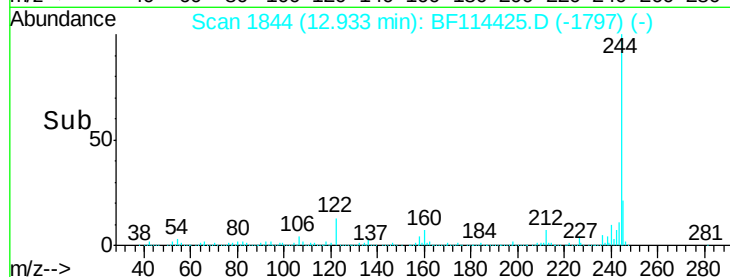
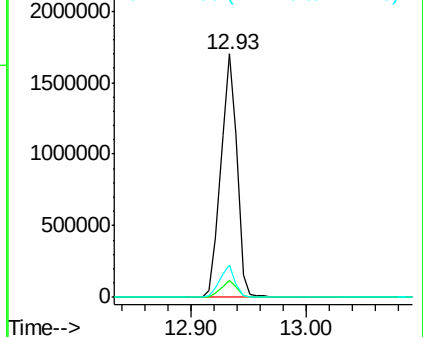
122 13.4 9.4 14.2



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: BF114425.D

Acq: 19 May 2019 7:35

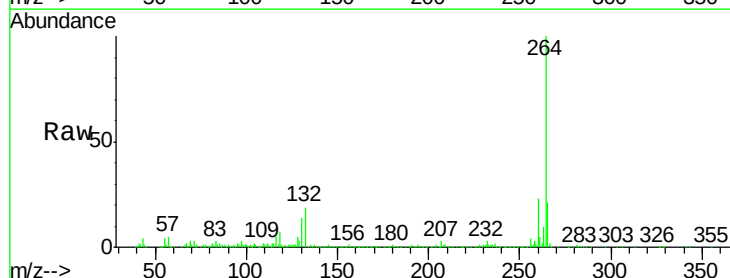
Tgt Ion:264 Resp: 433114

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.0

265 21.3 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

