

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114442.D
 Acq On : 20 May 2019 16:55
 Operator : JU/SJ
 Sample : K2894-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-1RE

Quant Time: May 20 17:26:37 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

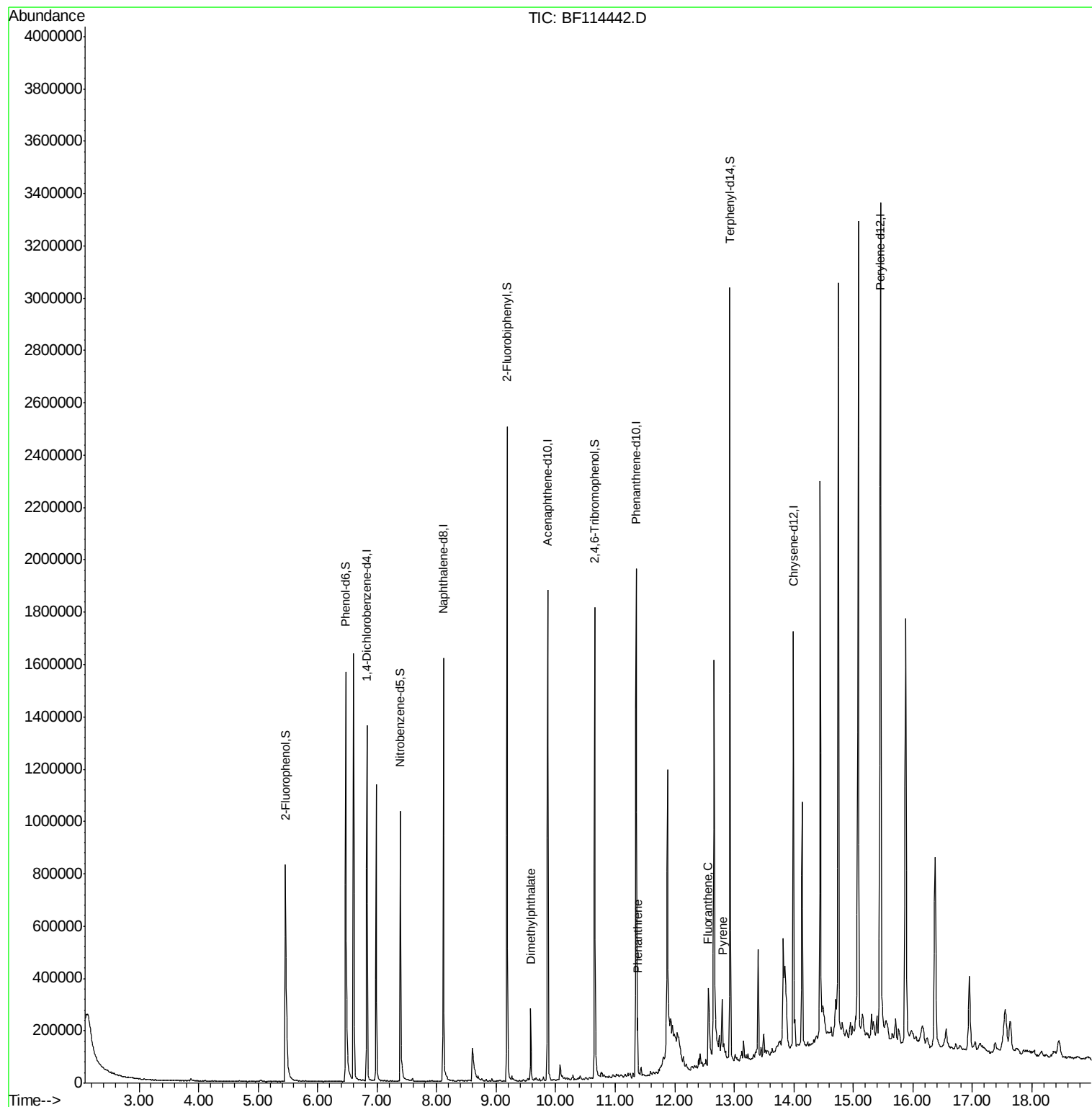
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	192107	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	760104	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	355385	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	710236	20.00	ng	0.00
76) Chrysene-d12	13.99	240	510189	20.00	ng	-0.01
87) Perylene-d12	15.46	264	506754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	388770	32.57	ng	-0.01
7) Phenol-d6	6.47	99	636613	45.09	ng	-0.02
23) Nitrobenzene-d5	7.39	82	358305	26.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	227607	61.95	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	791404	33.69	ng	-0.01
79) Terphenyl-d14	12.93	244	993175	40.13	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.58	163	116167	4.453	ng	98
71) Phenanthrene	11.37	178	73814	2.136	ng	96
75) Fluoranthene	12.56	202	94493	2.539	ng	97
78) Pyrene	12.79	202	87607	2.135	ng	95

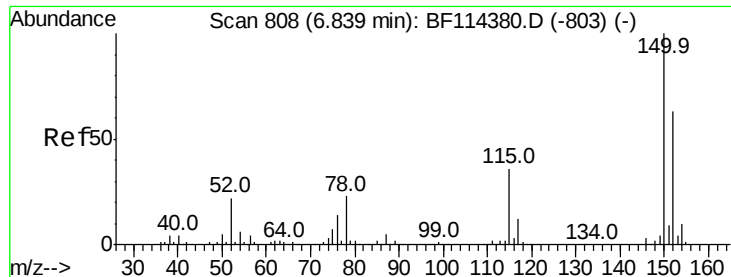
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



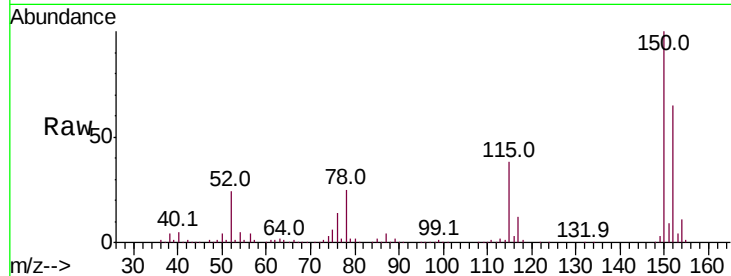


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	58.3	49.1	73.7

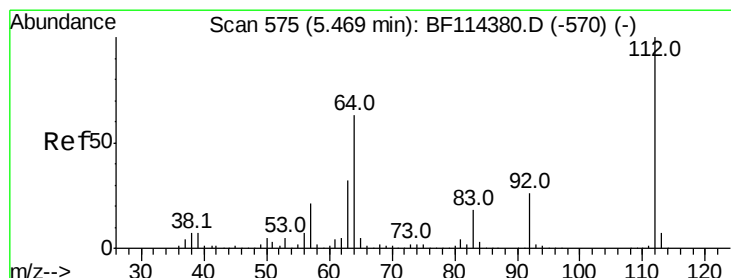
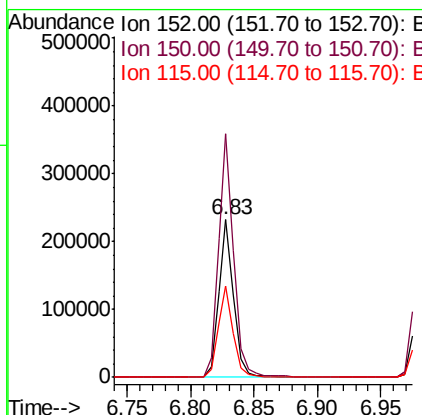
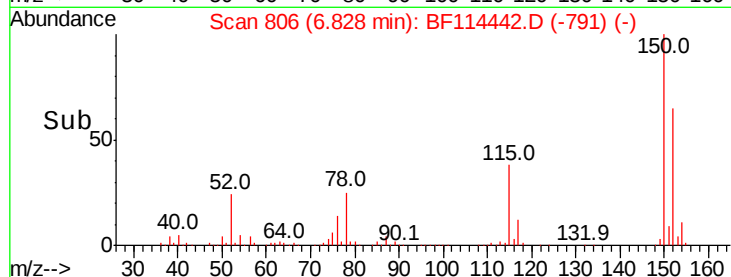


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

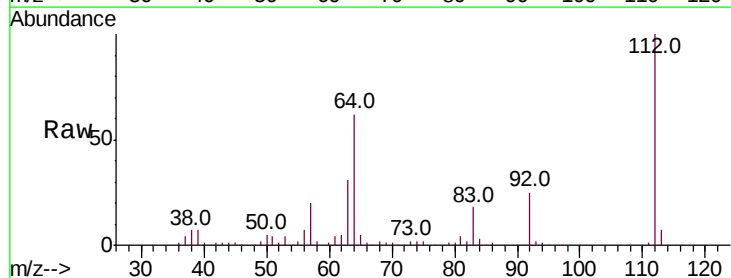
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.567 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.0	73.6
63	31.2	24.6	37.0

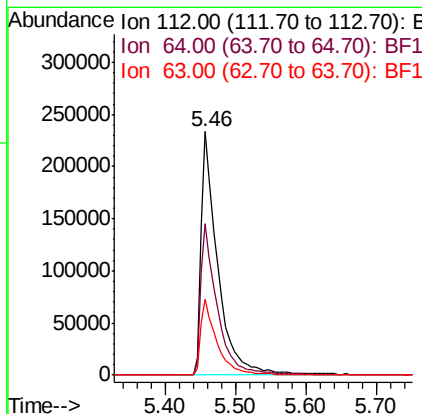
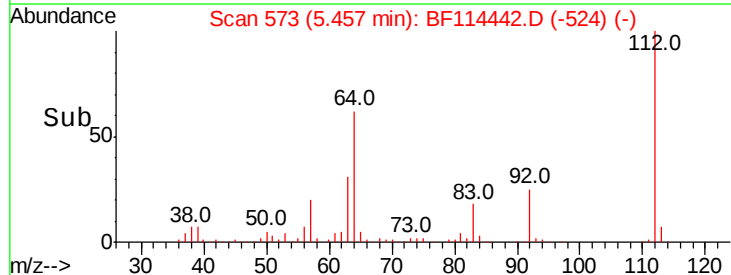


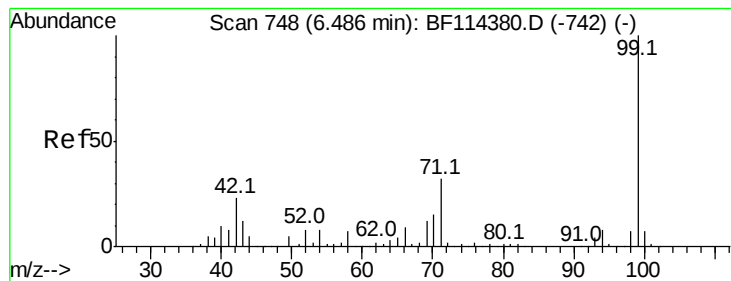
Abundance

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: 45.089 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-05-0-1RE

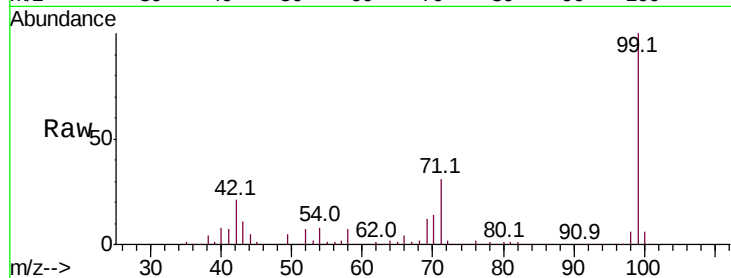
Tot Ion: 99 Resp: 636613

Ion Ratio Lower Upper

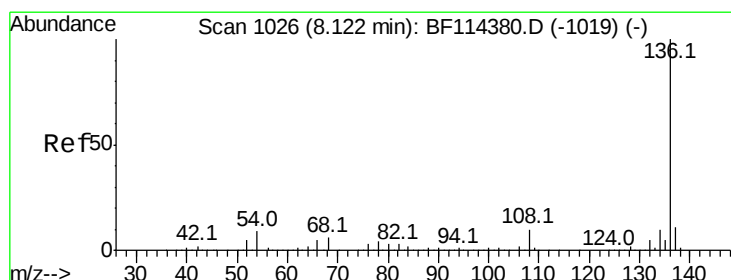
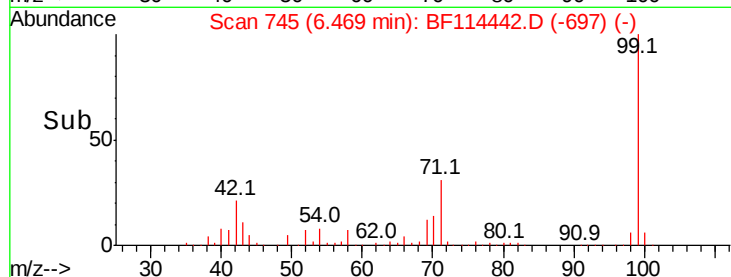
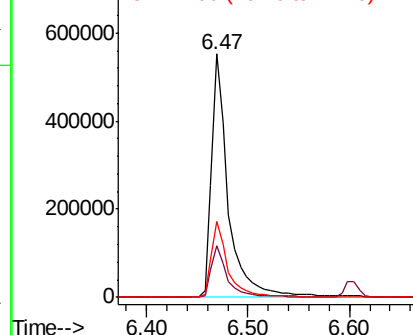
99 100

42 21.3 17.9 26.9

71 31.4 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: BF114442.D

Acq: 20 May 2019 16:55

Tgt Ion: 136 Resp: 760104

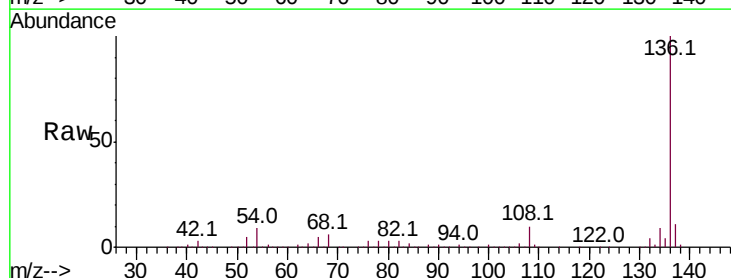
Ion Ratio Lower Upper

136 100

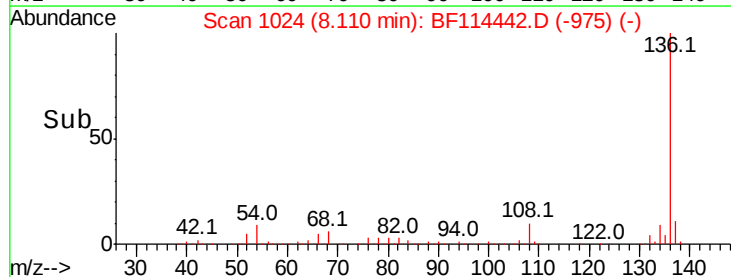
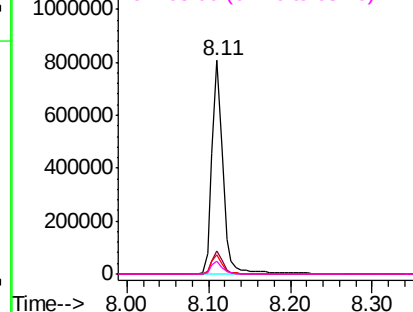
137 10.8 8.8 13.2

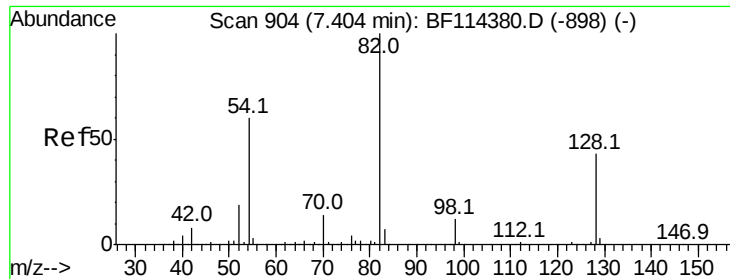
54 9.3 7.8 11.8

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

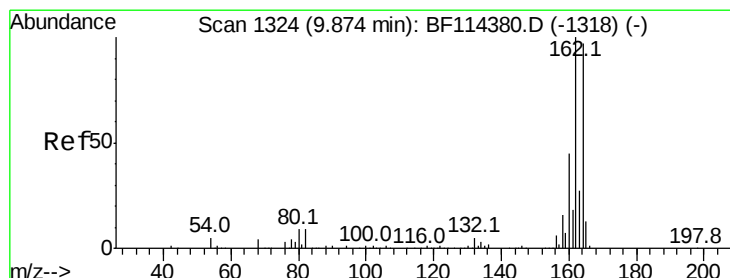
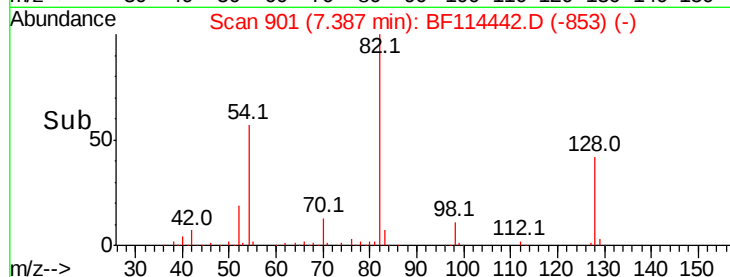
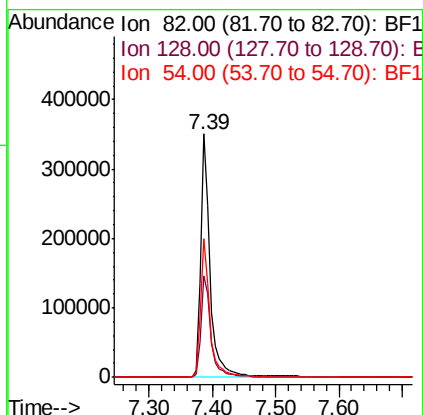
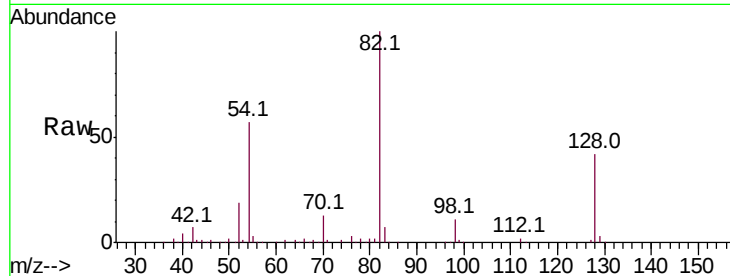




#23
Nitrobenzene-d5
Concen: 26.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

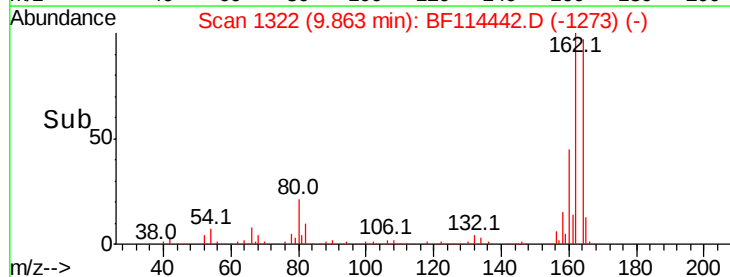
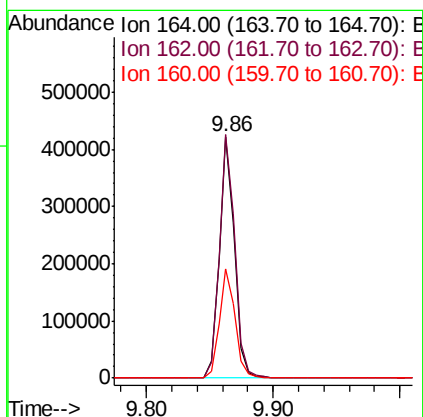
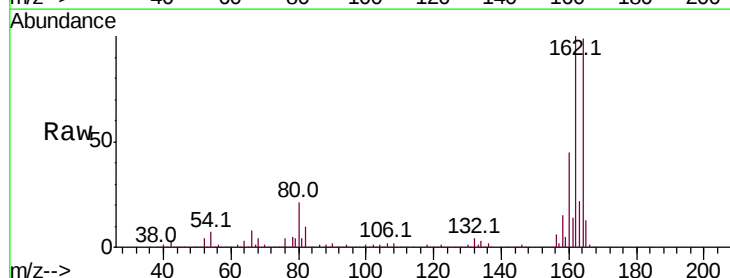
Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

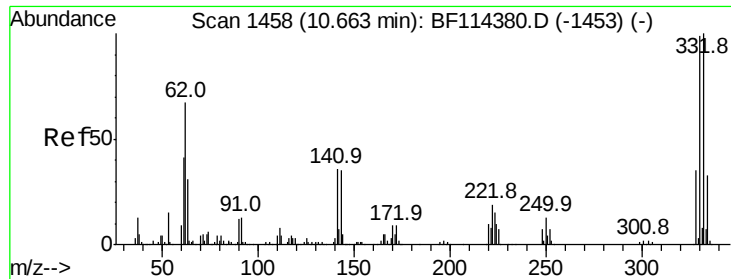
Tot Ion	82	Resp	358305
Ion Ratio	100	Lower	Upper
128	41.9	35.5	53.3
54	57.0	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion	164	Resp	355385
Ion Ratio	100	Lower	Upper
162	100.9	80.6	120.8
160	45.2	36.5	54.7

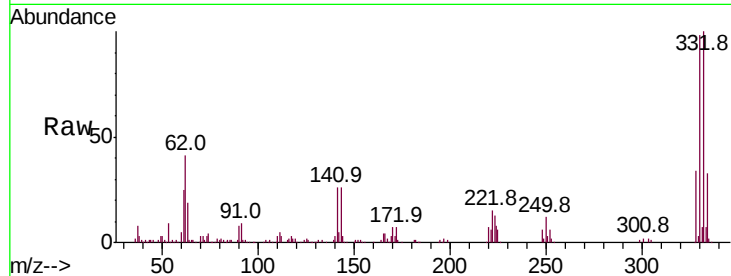




#42
 2,4,6-Tribromophenol
 Concen: 61.949 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114442.D
 Acq: 20 May 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-1RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.0	81.4	122.2
141	33.4	26.6	40.0

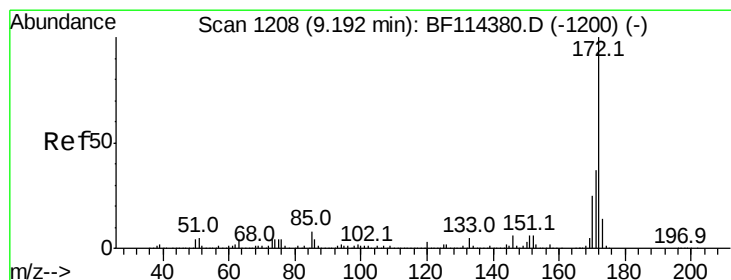
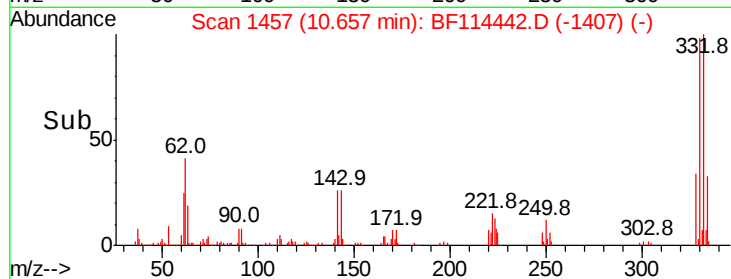
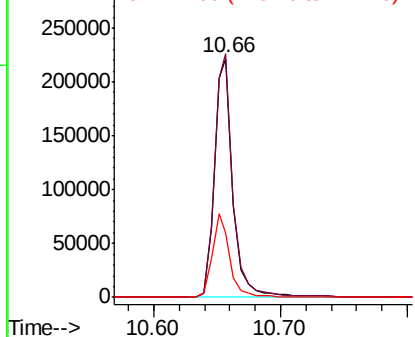


Abundance

Ion 329.80 (329.50 to 330.50): E

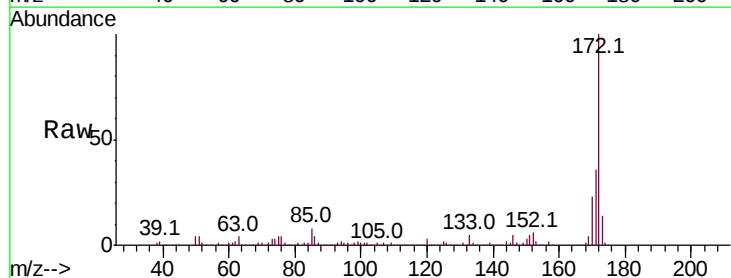
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 33.685 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF114442.D
 Acq: 20 May 2019 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	23.1	20.5	30.7

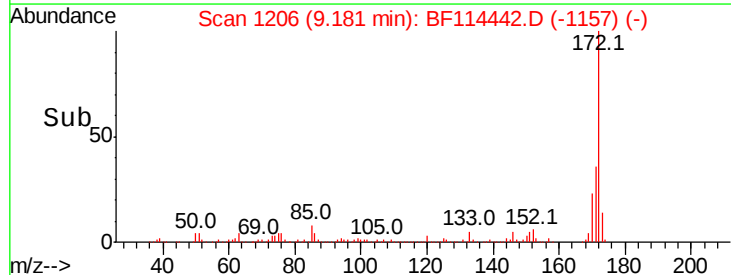
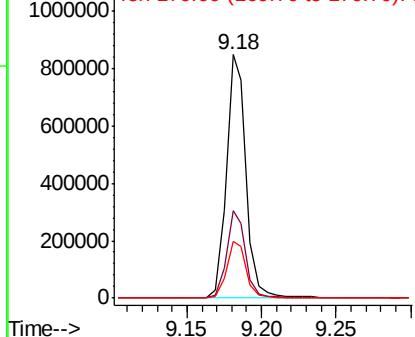


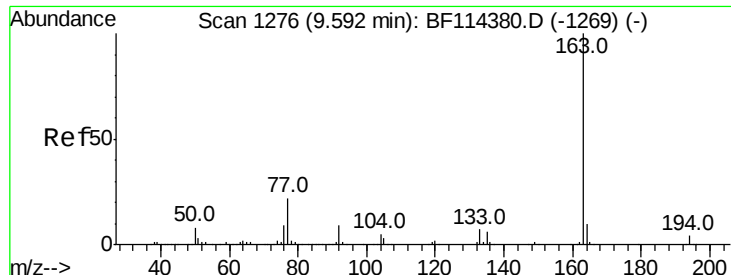
Abundance

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

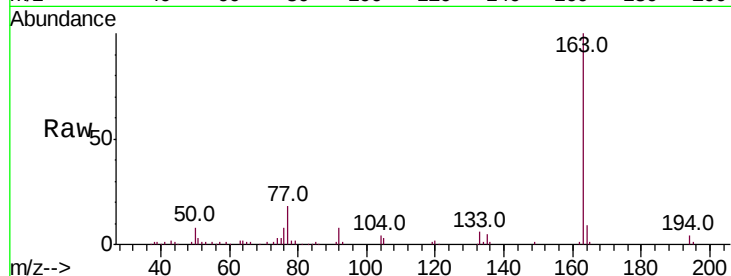




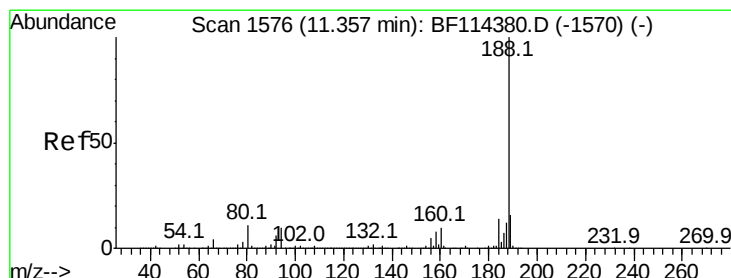
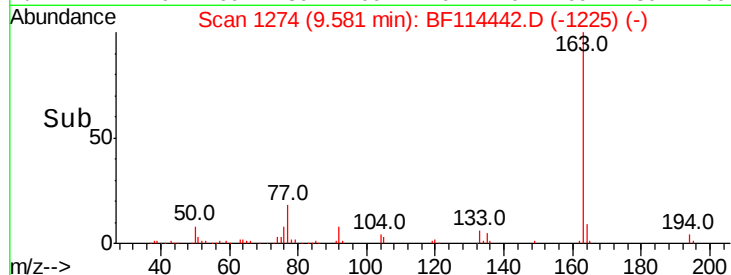
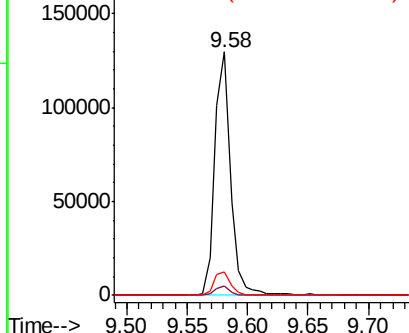
#50
Dimethylphthalate
Concen: 4.453 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-05-0-1RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.4	8.2	12.2

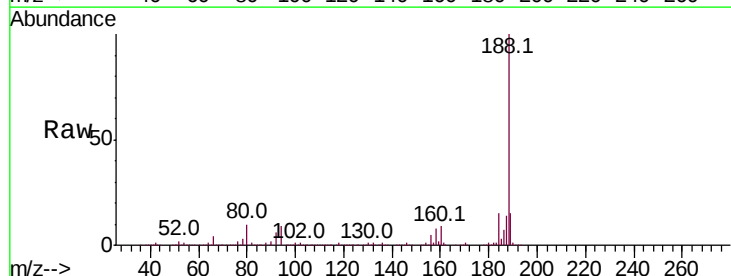


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

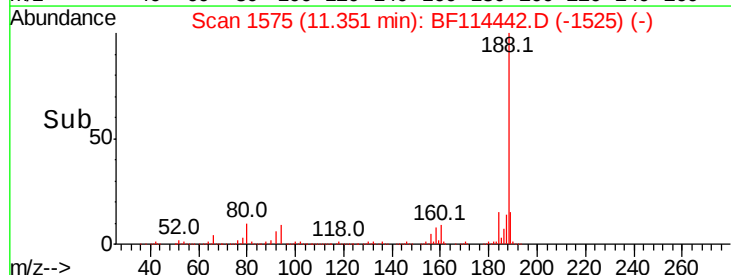
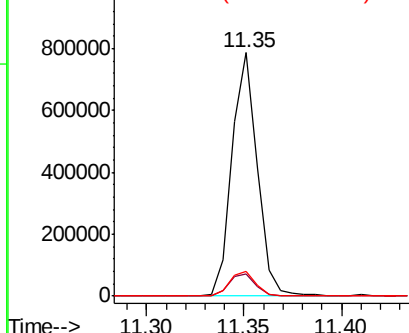


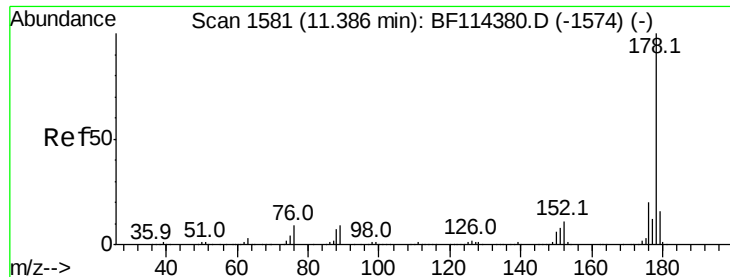
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114442.D
Acq: 20 May 2019 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	10.2	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





#71

Phenanthrene

Concen: 2.136 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-05-0-1RE

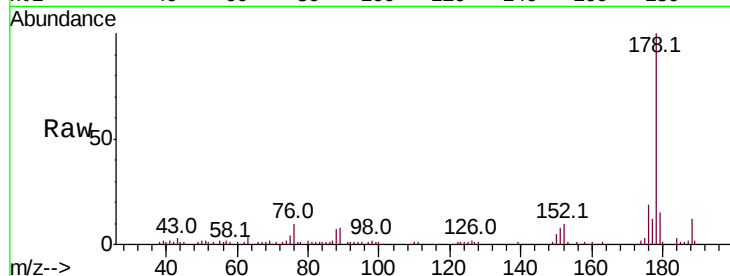
Tot Ion:178 Resp: 73814

Ion Ratio Lower Upper

178 100

176 19.1 16.4 24.6

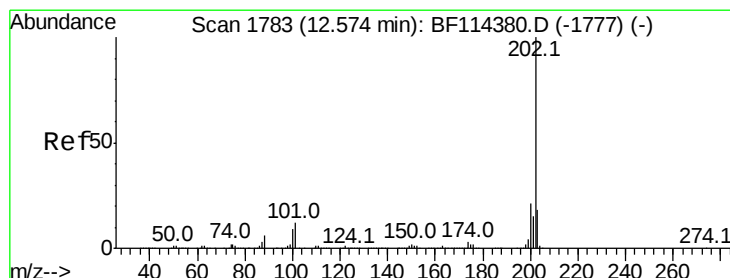
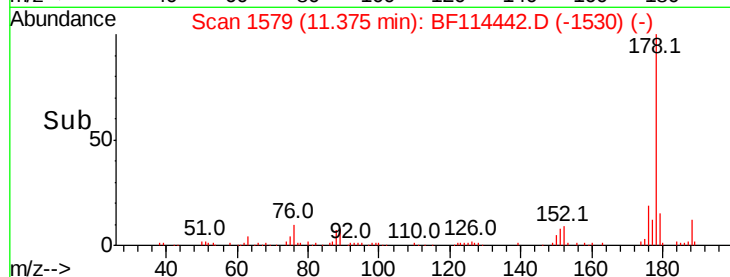
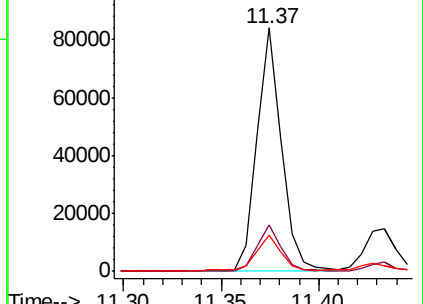
179 14.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.539 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

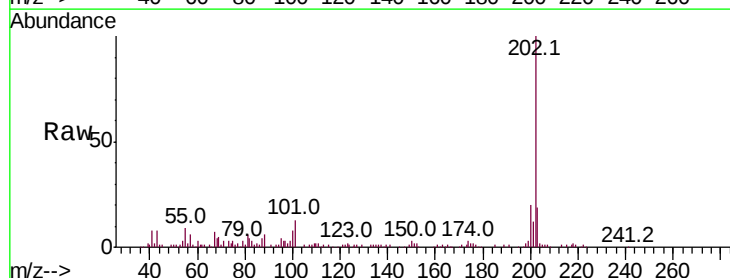
Tgt Ion:202 Resp: 94493

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.0

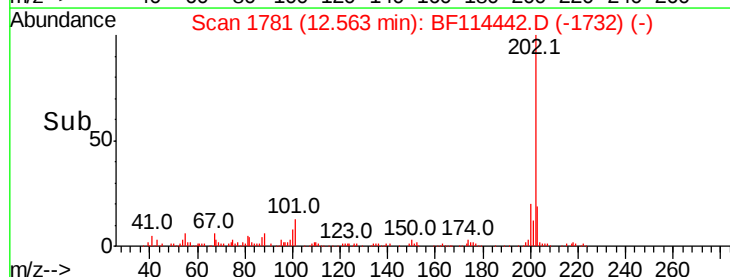
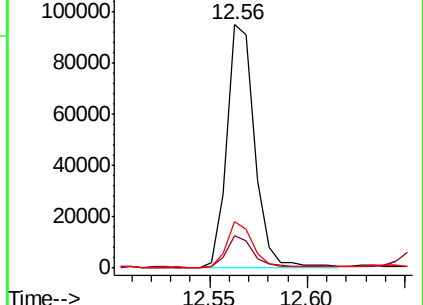
203 18.8 0.0 38.4

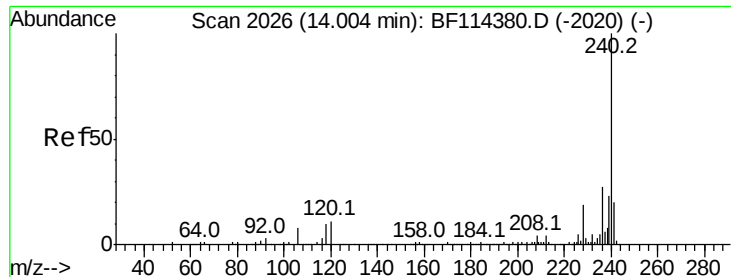


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-05-0-1RE

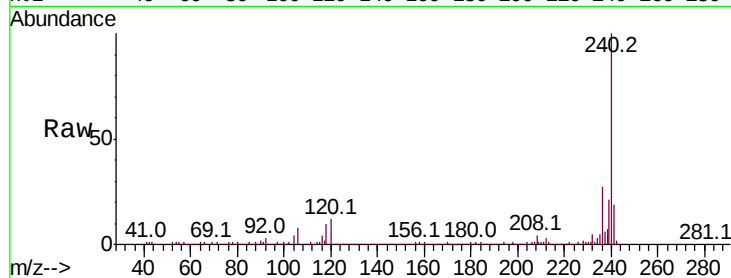
Tot Ion:240 Resp: 510189

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

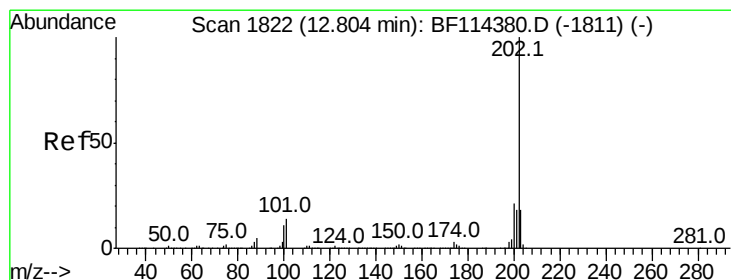
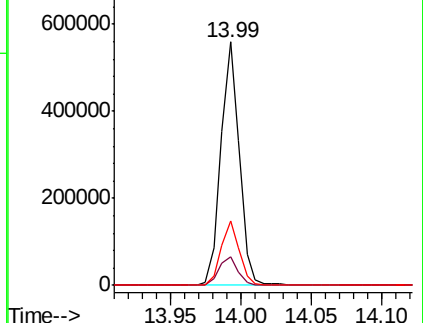
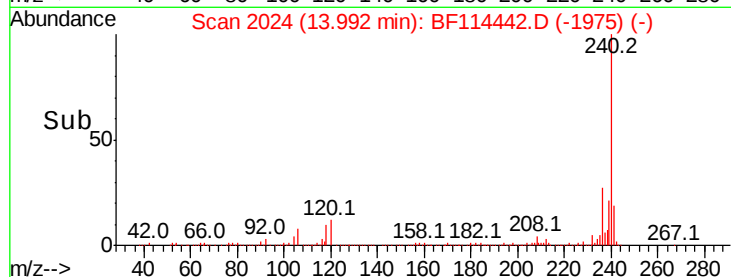
236 26.7 20.8 31.2



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



#78

Pyrene

Concen: 2.135 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

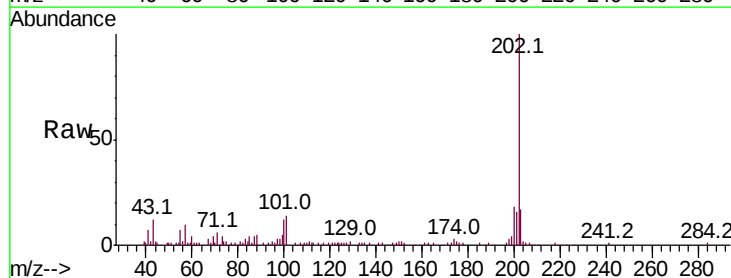
Tgt Ion:202 Resp: 87607

Ion Ratio Lower Upper

202 100

200 17.8 16.9 25.3

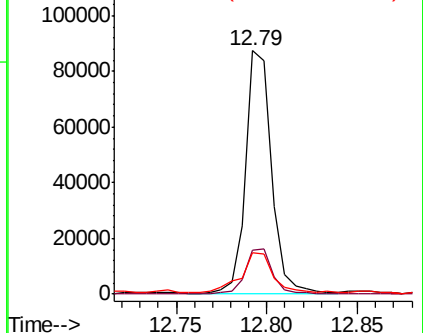
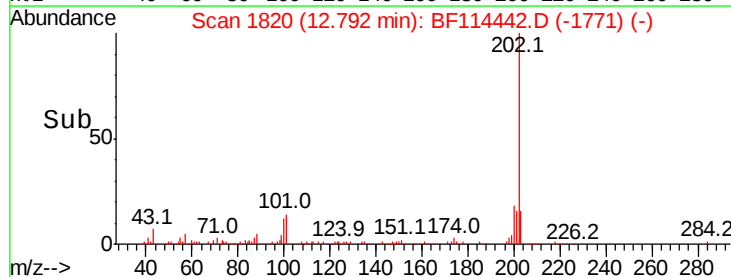
203 17.1 14.5 21.7

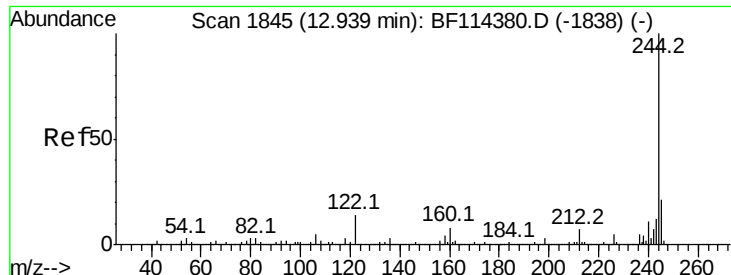


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 40.129 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-05-0-1RE

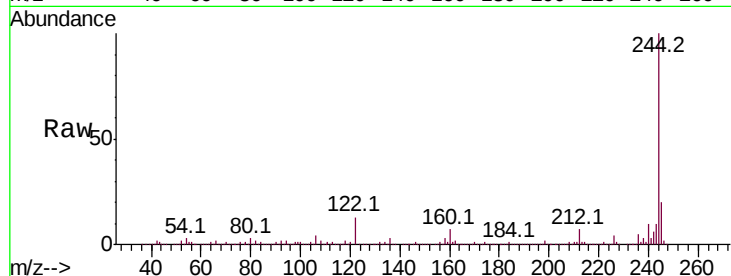
Tot Ion:244 Resp: 993175

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

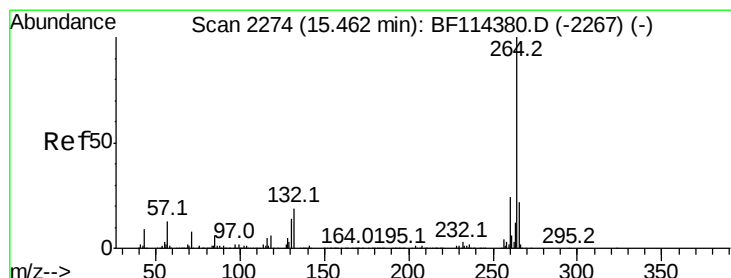
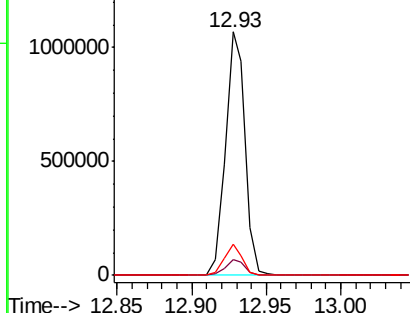
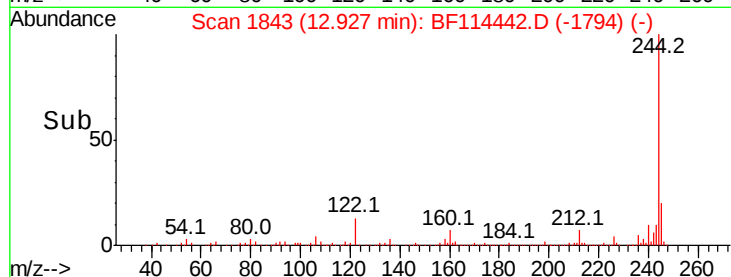
122 13.0 9.4 14.2



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. -0.01 min

Lab File: BF114442.D

Acq: 20 May 2019 16:55

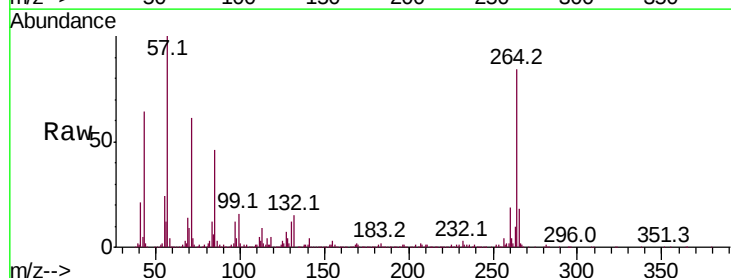
Tgt Ion:264 Resp: 506754

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.8 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

