

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123138.D
 Acq On : 5 Feb 2021 16:39
 Operator : JU/CG
 Sample : M1317-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-C

Quant Time: Feb 05 16:58:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

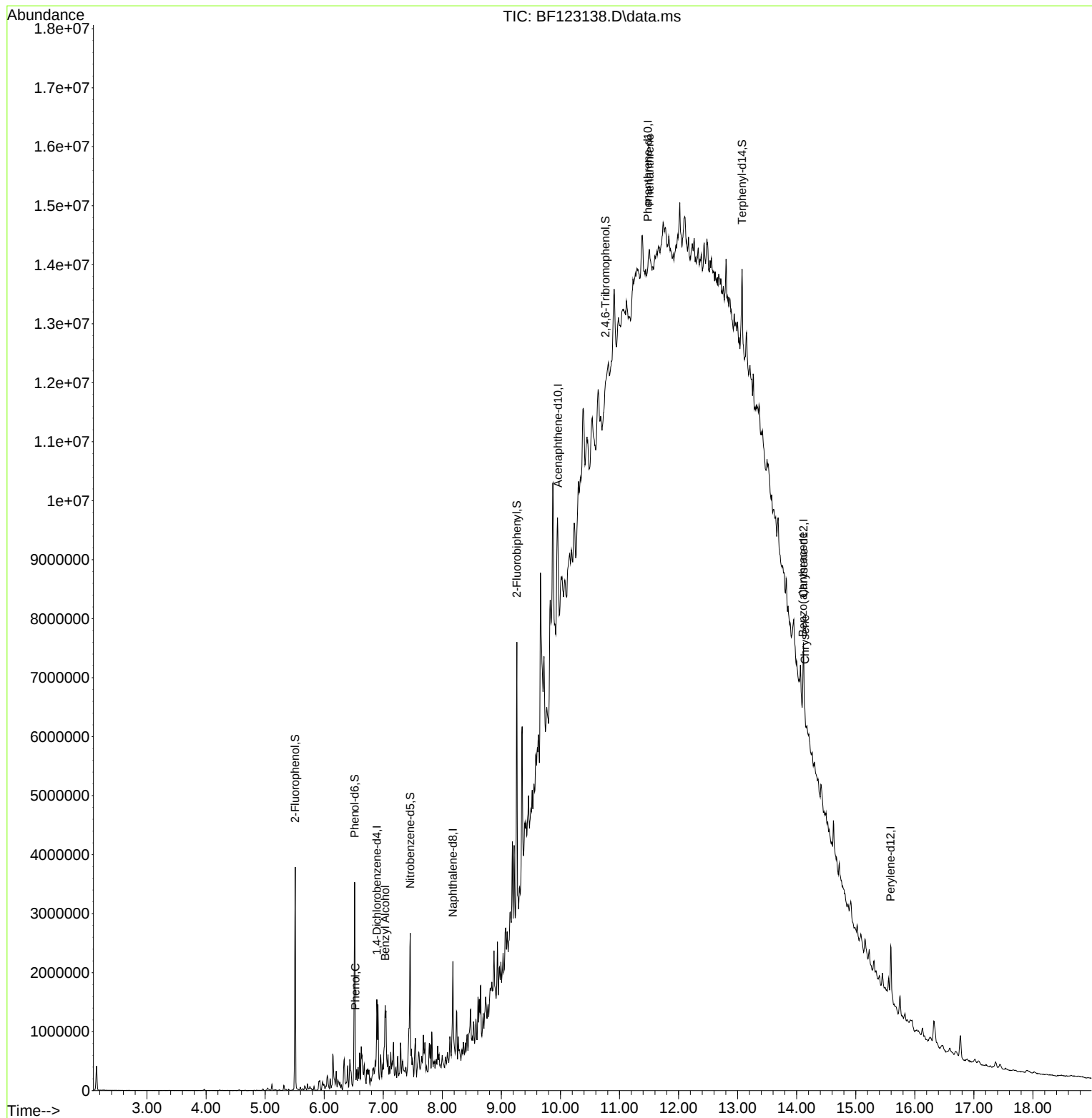
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	170487	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	633244	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	259493	20.00	ng	0.02
64) Phenanthrene-d10	11.480	188	334750	20.00	ng	# 0.05
76) Chrysene-d12	14.116	240	446352	20.00	ng	0.03
86) Perylene-d12	15.592	264	452252	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1030399	93.23	ng	0.00
7) Phenol-d6	6.516	99	1284746	85.76	ng	0.00
23) Nitrobenzene-d5	7.457	82	806926	64.13	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	326079	115.76	ng	0.03
45) 2-Fluorobiphenyl	9.263	172	1291633	73.99	ng	0.00
79) Terphenyl-d14	13.074	244	1050518	46.24	ng	0.05
Target Compounds						
10) Phenol	6.528	94	46679	3.14	ng	Qvalue 95
15) Benzyl Alcohol	7.034	79	318423	30.32	ng	98
71) Phenanthrene	11.510	178	229363	11.03	ng	# 28
81) Benzo(a)anthracene	14.104	228	85340	2.83	ng	# 75
83) Chrysene	14.139	228	89935	2.97	ng	# 76

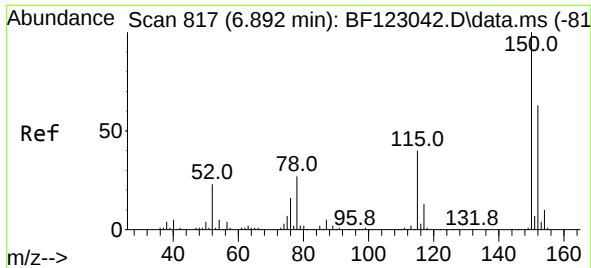
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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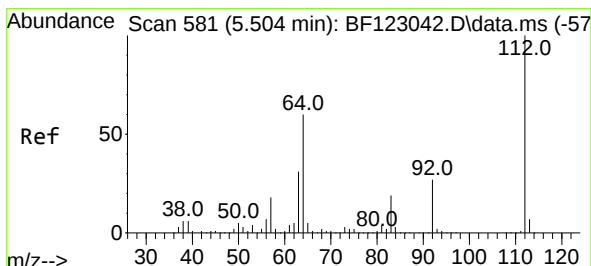
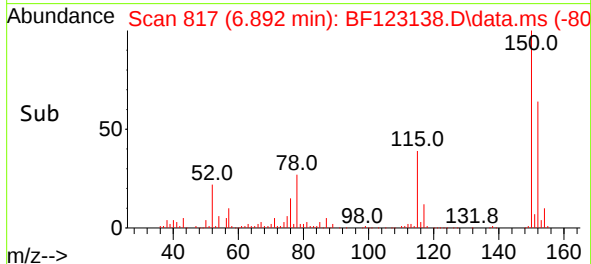
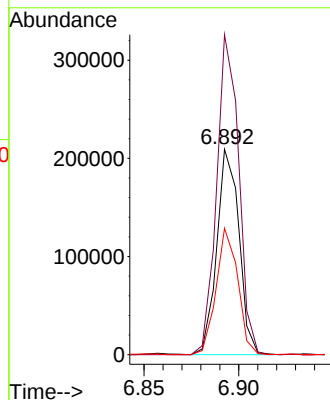
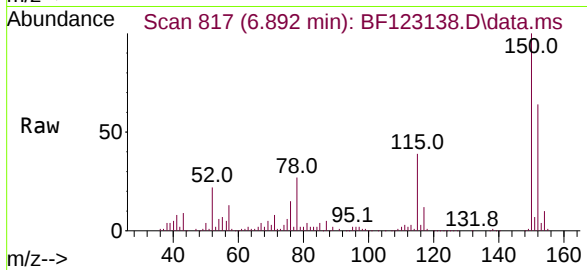




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

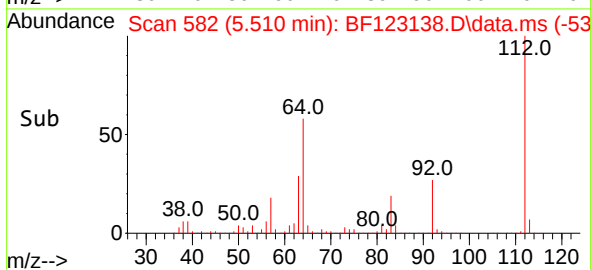
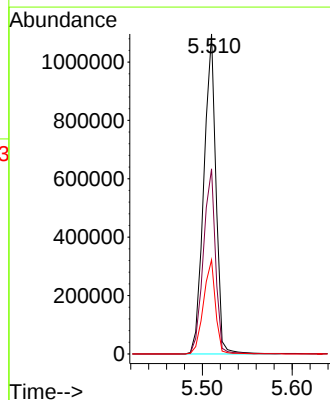
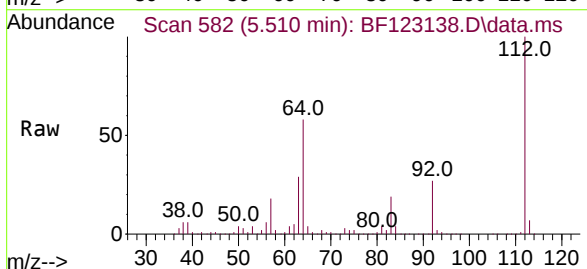
Instrument :
BNA_F
ClientSampleId :
R-C

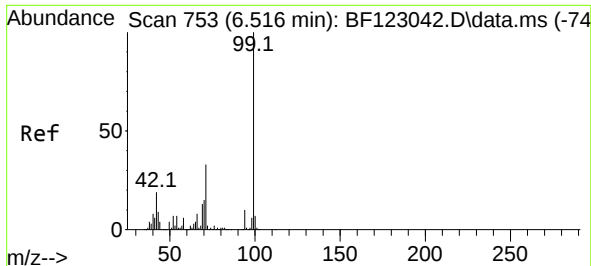
Tgt Ion:152 Resp: 170487
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 93.23 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:112 Resp: 1030399
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 29.4 24.5 36.7

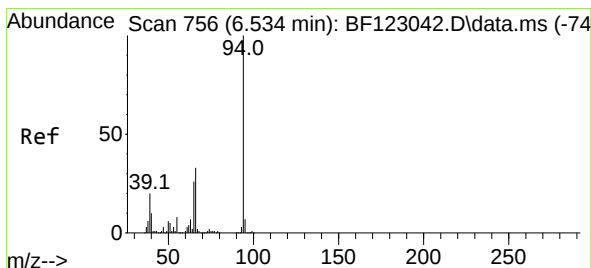
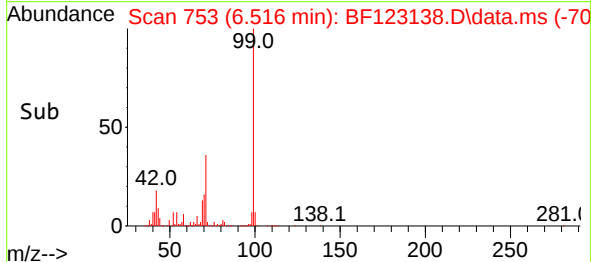
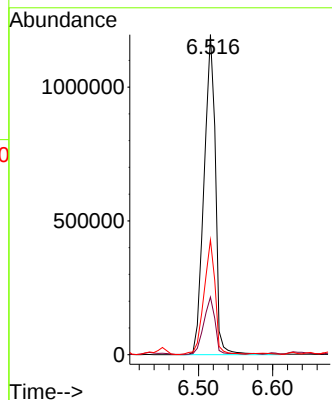
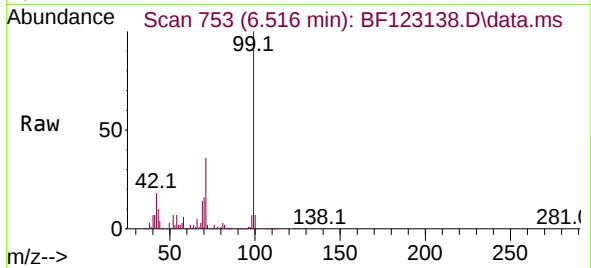




#7
Phenol-d6
Concen: 85.76 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

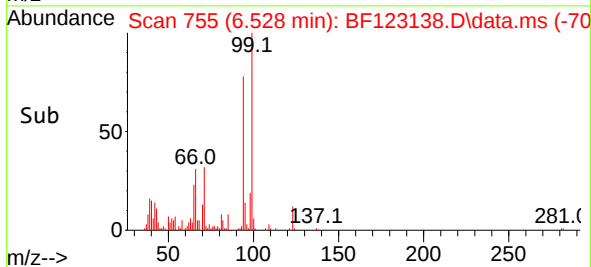
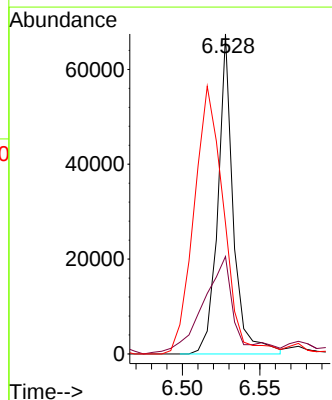
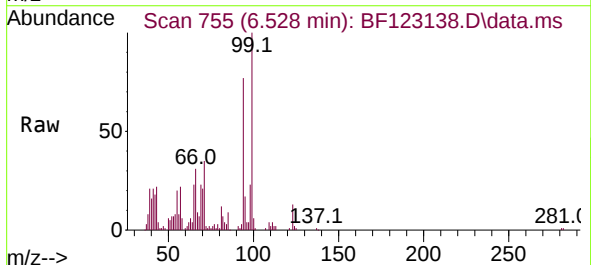
Instrument :
BNA_F
ClientSampleId :
R-C

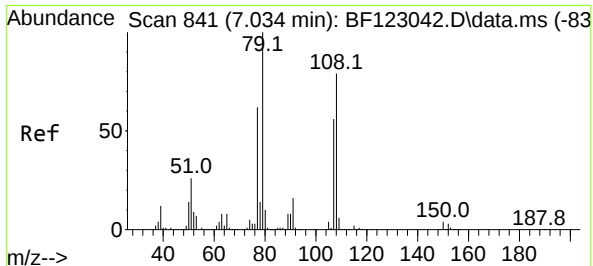
Tgt Ion: 99 Resp: 1284746
Ion Ratio Lower Upper
99 100
42 18.0 13.8 20.6
71 35.8 26.9 40.3



#10
Phenol
Concen: 3.14 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion: 94 Resp: 46679
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 40.9 25.8 65.8





#15

Benzyl Alcohol

Concen: 30.32 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF123138.D

Acq: 5 Feb 2021 16:39

Instrument :

BNA_F

ClientSampleId :

R-C

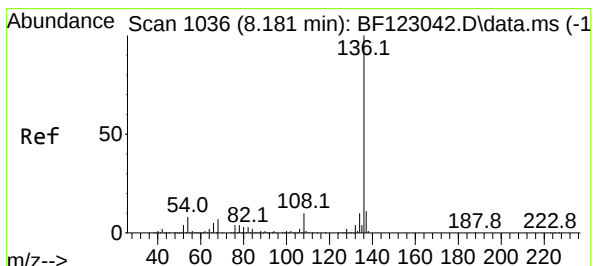
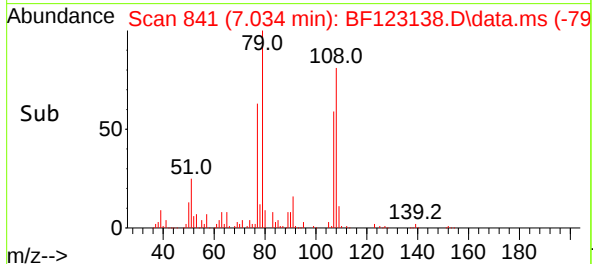
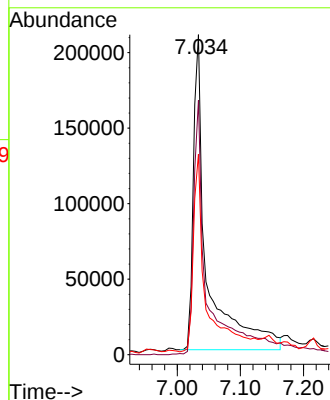
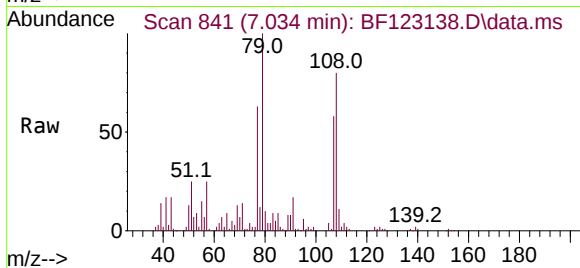
Tgt Ion: 79 Resp: 318423

Ion Ratio Lower Upper

79 100

108 79.5 62.4 93.6

77 62.7 49.0 73.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF123138.D

Acq: 5 Feb 2021 16:39

Tgt Ion: 136 Resp: 633244

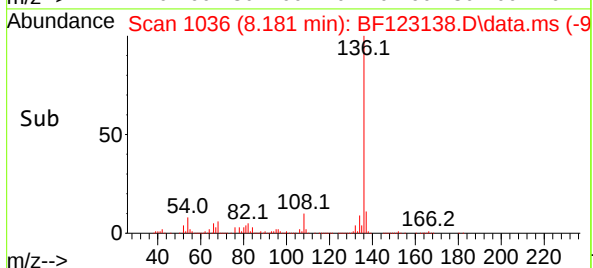
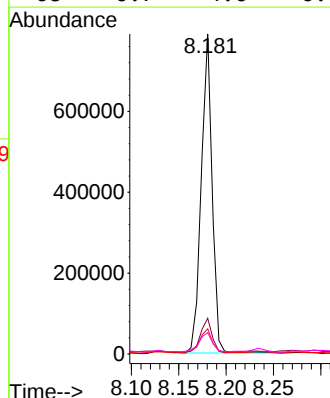
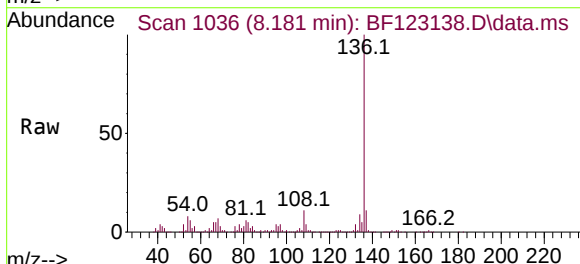
Ion Ratio Lower Upper

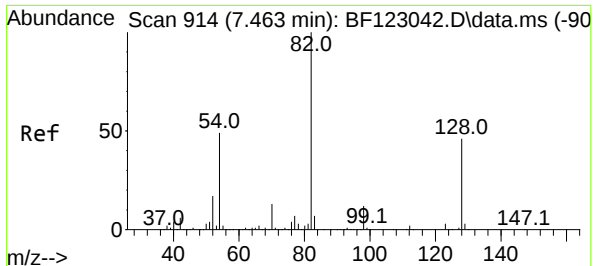
136 100

137 11.1 8.8 13.2

54 7.8 5.5 8.3

68 6.7 4.6 6.8

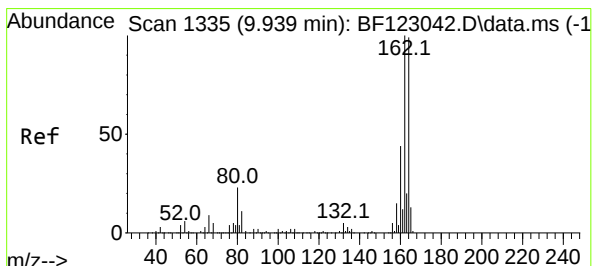
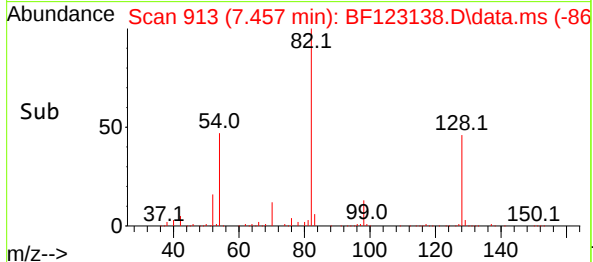
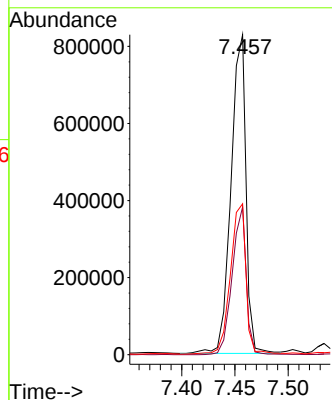
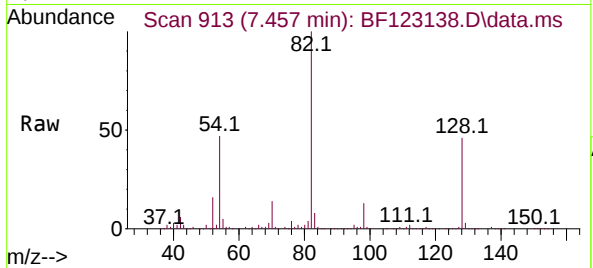




#23
Nitrobenzene-d5
Concen: 64.13 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

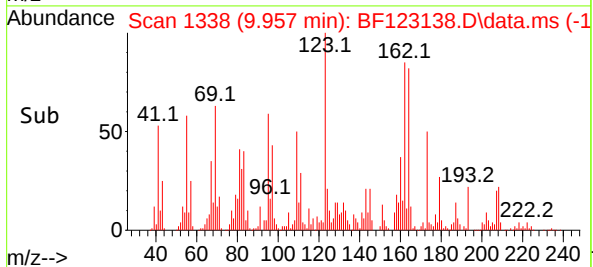
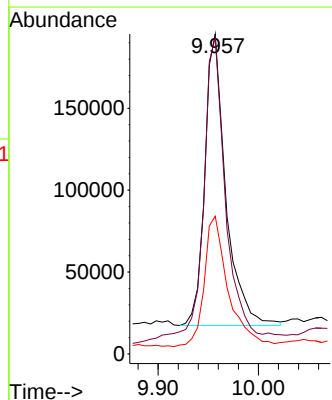
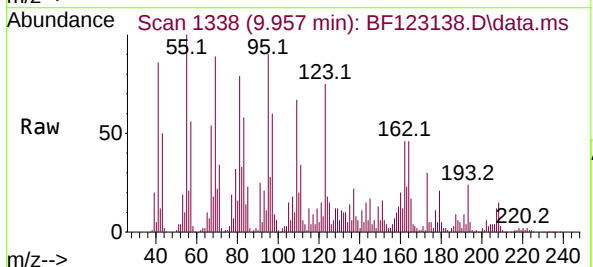
Instrument :
BNA_F
ClientSampleId :
R-C

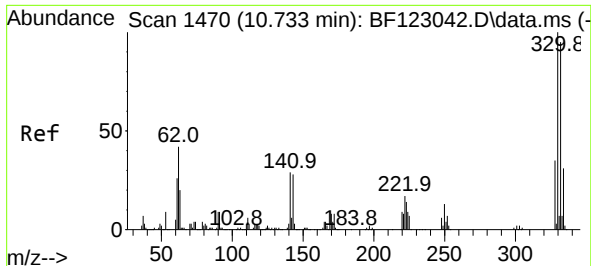
Tgt Ion: 82 Resp: 806926
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 47.1 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.018 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:164 Resp: 259493
Ion Ratio Lower Upper
164 100
162 98.8 80.8 121.2
160 43.1 35.4 53.0

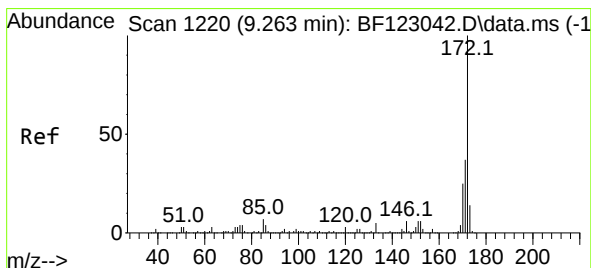
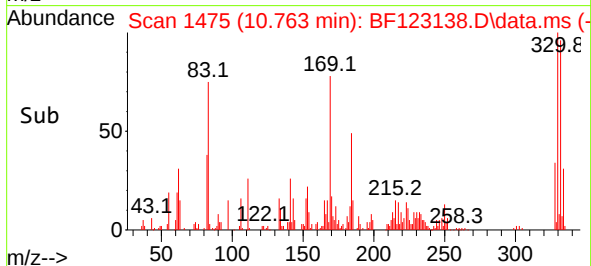
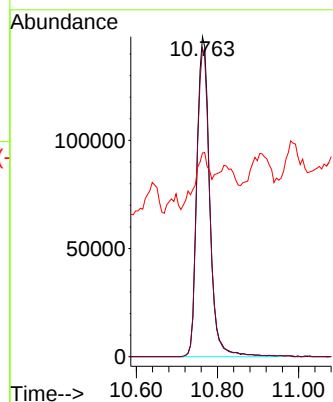
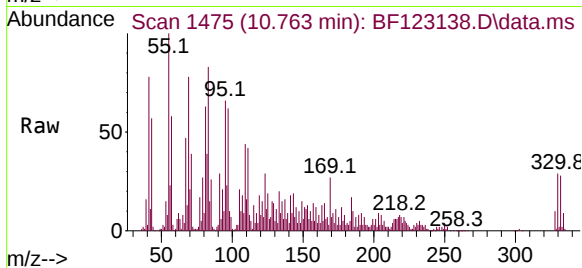




#42
2,4,6-Tribromophenol
Concen: 115.76 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.029 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

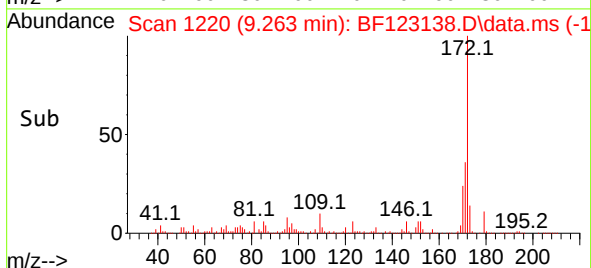
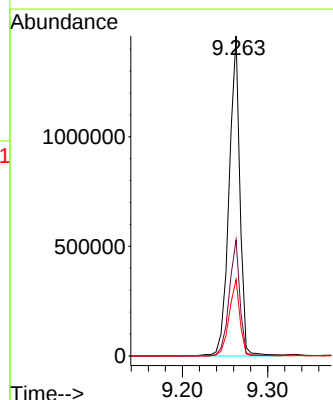
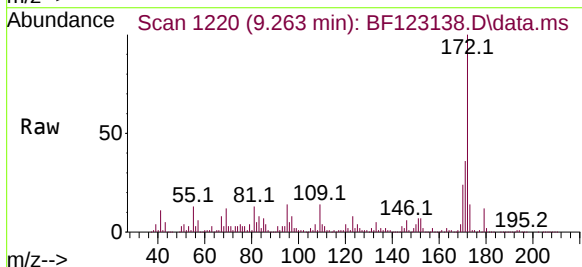
Instrument :
BNA_F
ClientSampleId :
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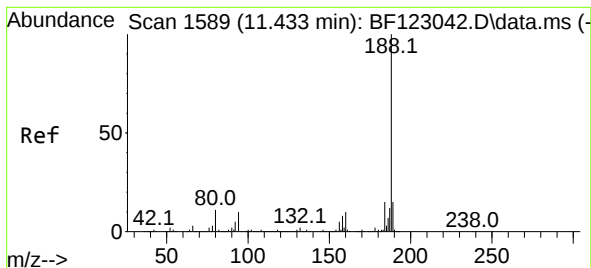
Tgt Ion:330 Resp: 326079
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 20.4 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 73.99 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:172 Resp: 1291633
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.9 19.5 29.3

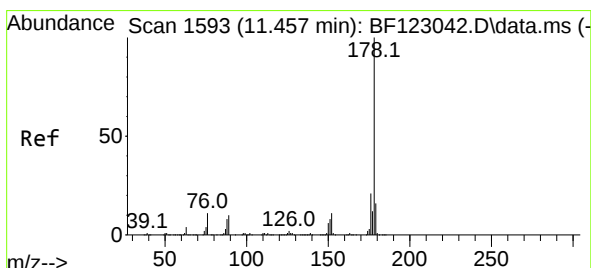
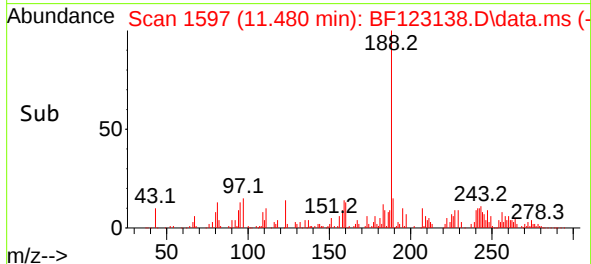
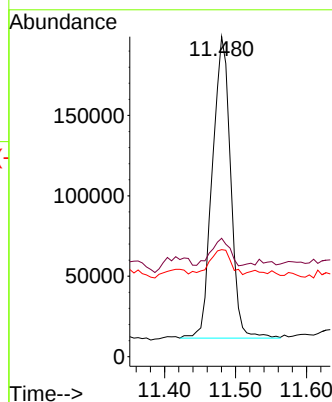
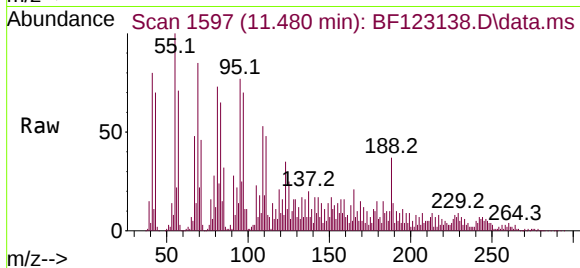




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.047 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

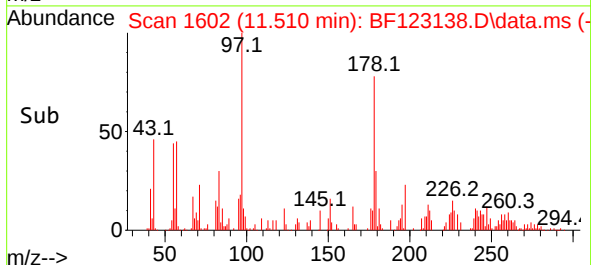
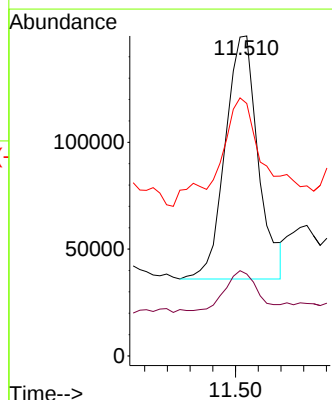
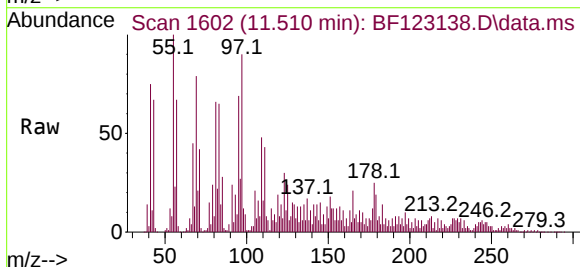
Instrument :
BNA_F
ClientSampled :
R-C

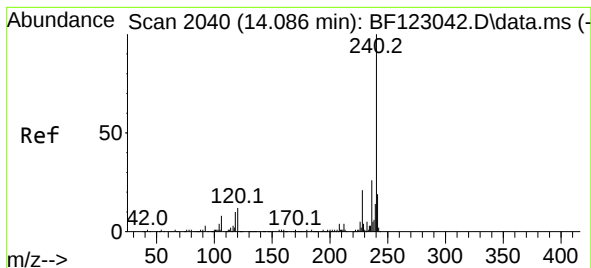
Tgt Ion:188 Resp: 334750
Ion Ratio Lower Upper
188 100
94 37.0 7.4 11.2#
80 33.5 8.2 12.4#



#71
Phenanthrene
Concen: 11.03 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.053 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:178 Resp: 229363
Ion Ratio Lower Upper
178 100
176 25.6 16.2 24.2#
179 78.9 12.7 19.1#

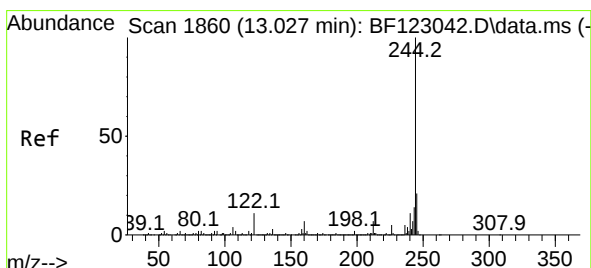
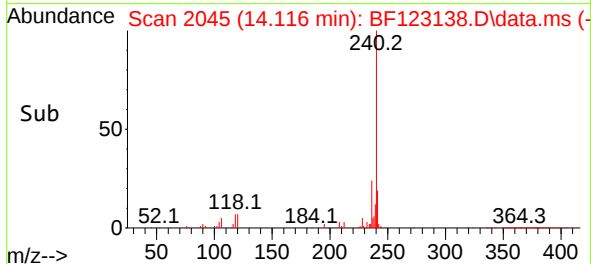
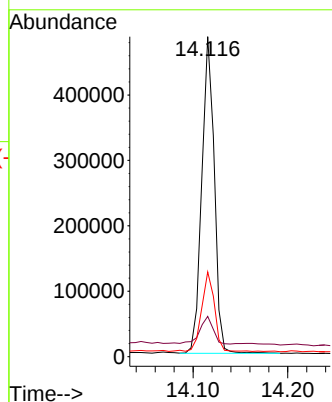
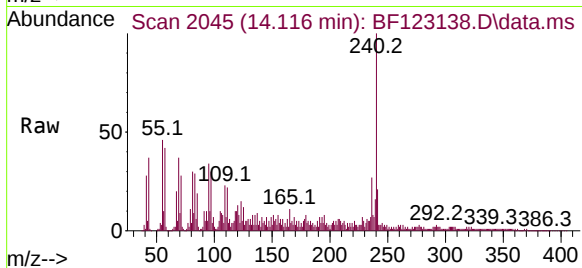




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.029 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

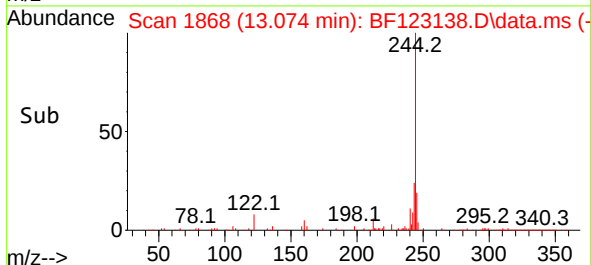
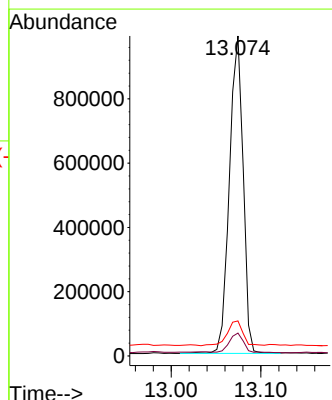
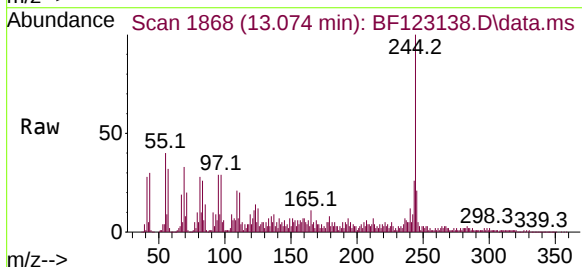
Instrument :
BNA_F
ClientSampled :
R-C

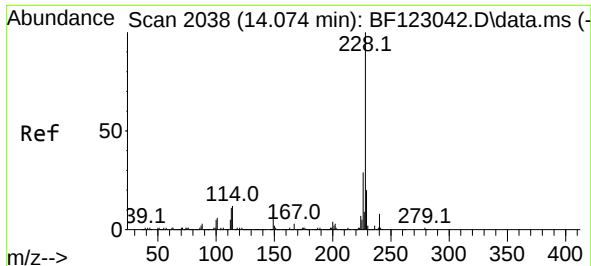
Tgt Ion:240 Resp: 446352
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 46.24 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.047 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:244 Resp: 1050518
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.3 12.5

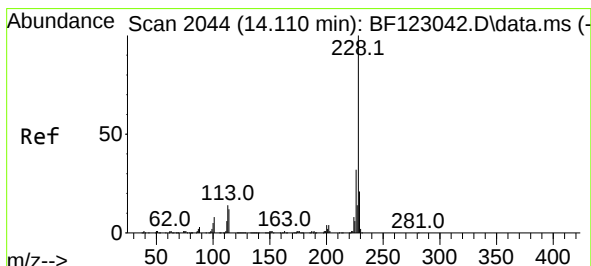
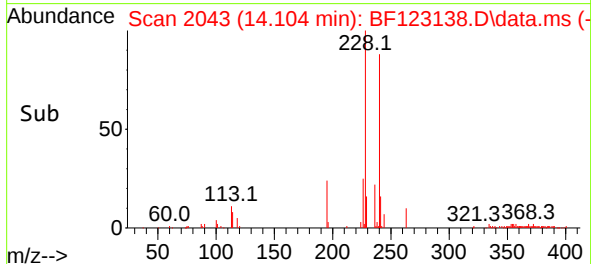
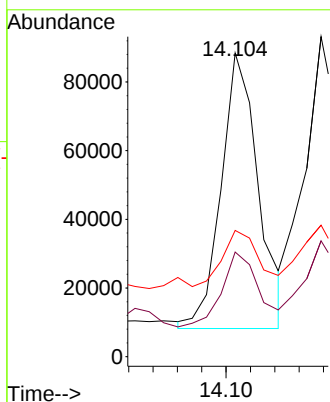
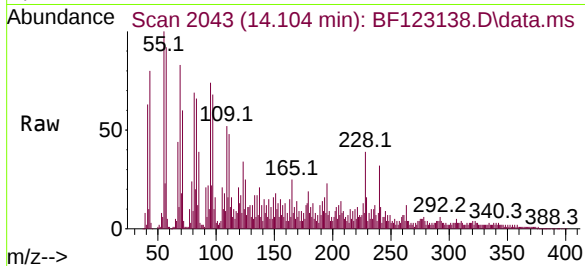




#81
Benzo(a)anthracene
Concen: 2.83 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.029 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

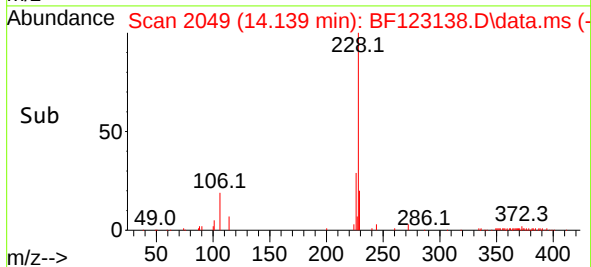
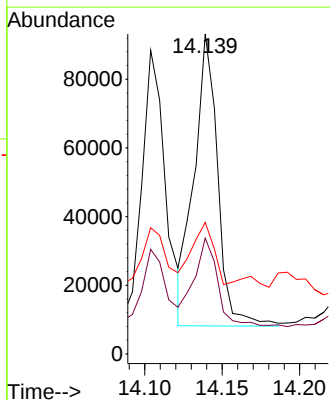
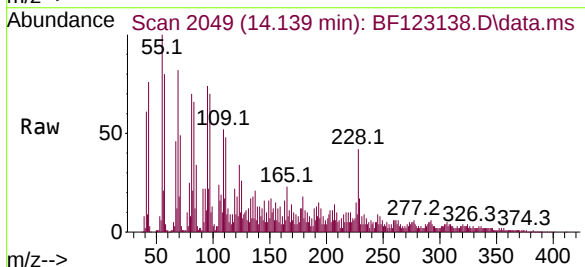
Instrument :
BNA_F
ClientSampled :
R-C

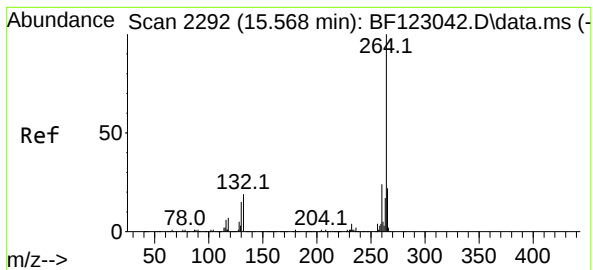
Tgt Ion:228 Resp: 85340
Ion Ratio Lower Upper
228 100
226 34.5 23.0 34.4#
229 41.6 16.6 24.8#



#83
Chrysene
Concen: 2.97 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.029 min
Lab File: BF123138.D
Acq: 5 Feb 2021 16:39

Tgt Ion:228 Resp: 89935
Ion Ratio Lower Upper
228 100
226 36.2 24.6 36.8
229 41.1 15.8 23.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.024 min
 Lab File: BF123138.D
 Acq: 5 Feb 2021 16:39

Instrument :
 BNA_F
 ClientSampleId :
 R-C

Tgt Ion:264 Resp: 452252
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.9 17.0 25.6

