

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123973.D
 Acq On : 17 May 2021 20:26
 Operator : JU/CG
 Sample : M2404-02 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600494644

Quant Time: May 18 00:57:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

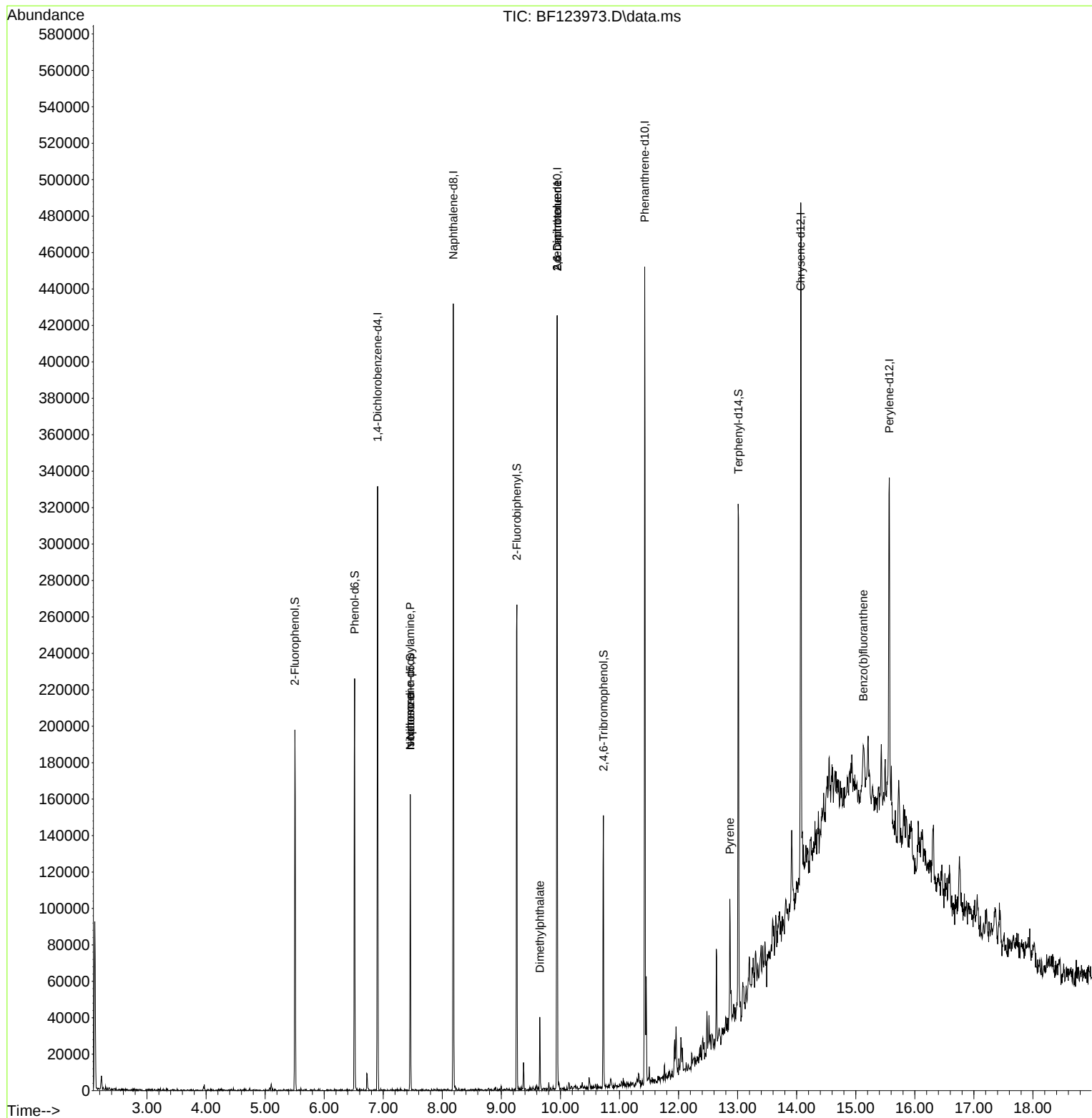
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	35416	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	140509	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	75609	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	140723	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	116779	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	76648	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	40071	15.89	ng	0.00
7) Phenol-d6	6.516	99	51768	15.82	ng	0.00
23) Nitrobenzene-d5	7.457	82	37046	11.36	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	14191	15.63	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	70686	11.50	ng	0.00
79) Terphenyl-d14	13.016	244	78246	10.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	5724	2.59	ng	# 80
25) Isophorone	7.457	82	37045	5.91	ng	# 69
50) Dimethylphthalate	9.651	163	12770	2.12	ng	# 97
51) 2,6-Dinitrotoluene	9.945	165	9299	7.62	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	9299	6.21	ng	# 17
78) Pyrene	12.869	202	24677	2.38	ng	98
88) Benzo(b)fluoranthene	15.127	252	12065	2.03	ng	# 63

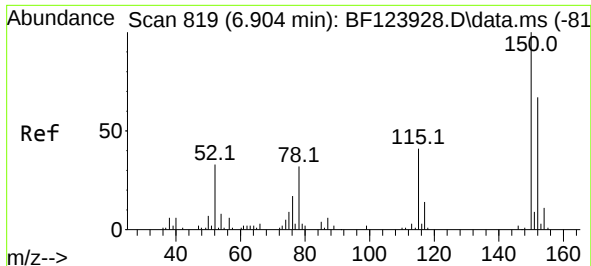
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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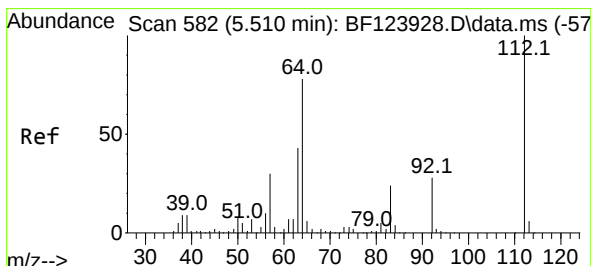
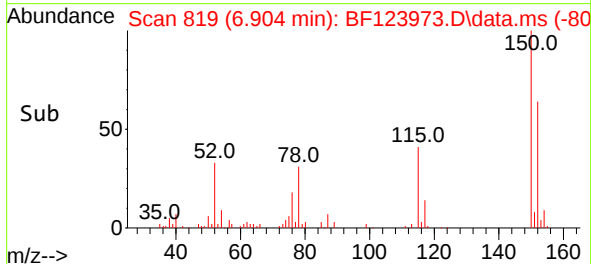
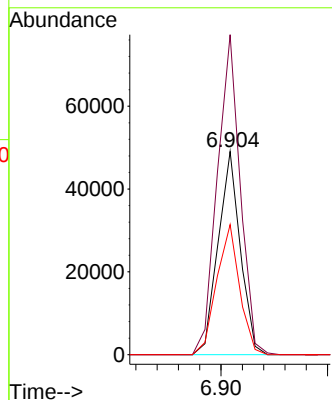
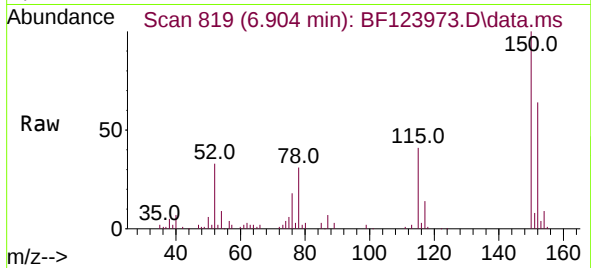




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

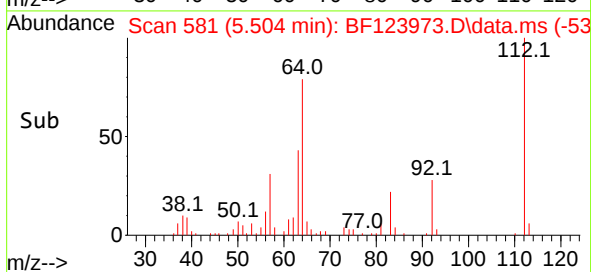
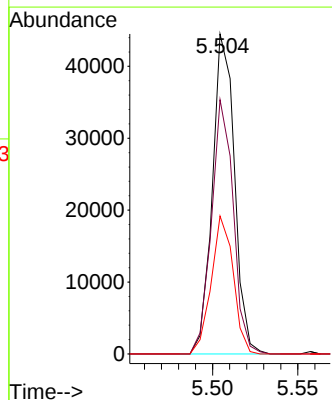
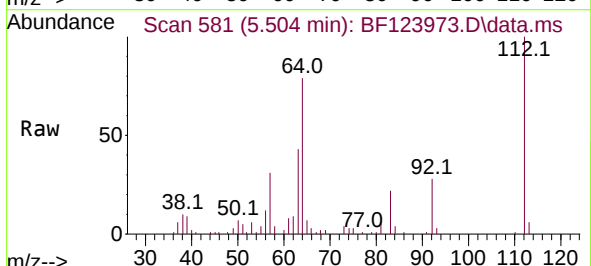
Instrument :
BNA_F
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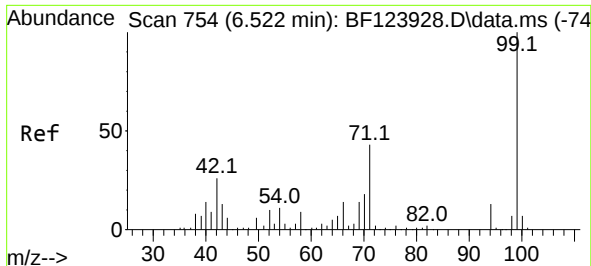
Tgt Ion:152 Resp: 35416
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 15.89 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion:112 Resp: 40071
Ion Ratio Lower Upper
112 100
64 79.5 61.4 92.0
63 43.1 33.0 49.4

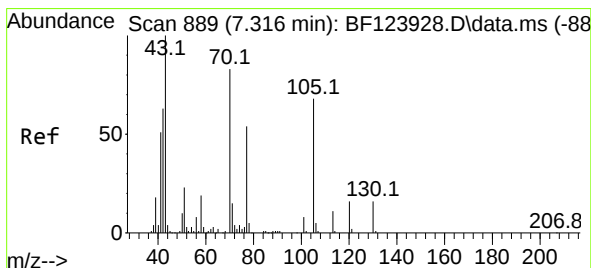
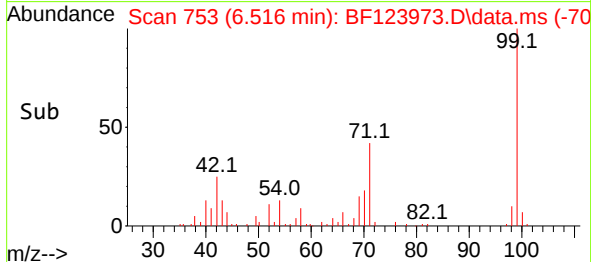
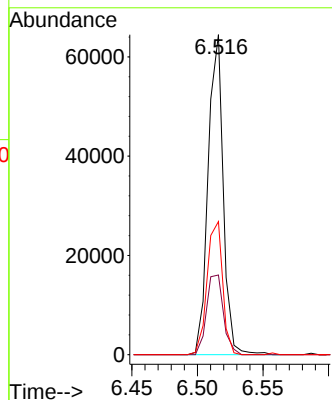
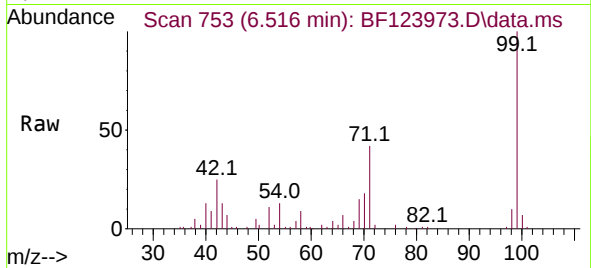




#7
Phenol-d6
Concen: 15.82 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

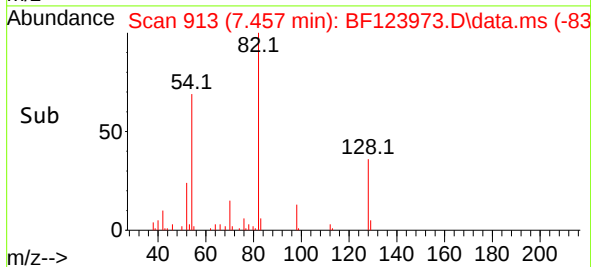
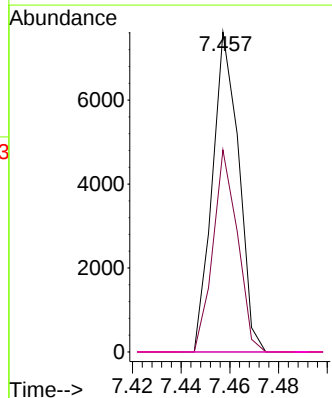
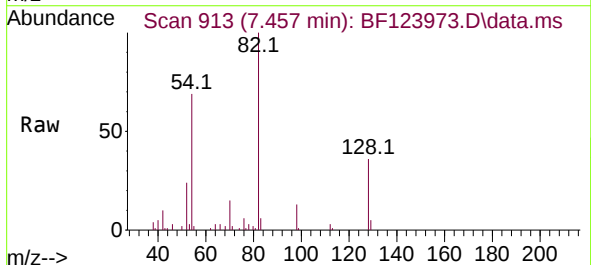
Instrument :
BNA_F
ClientSampleId :
600494644

Tgt Ion: 99 Resp: 51768
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 41.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.59 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion: 70 Resp: 5724
Ion Ratio Lower Upper
70 100
42 63.2 60.1 90.1
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

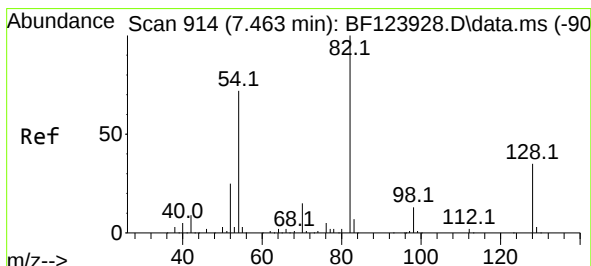
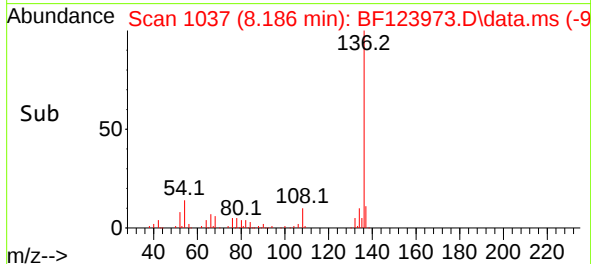
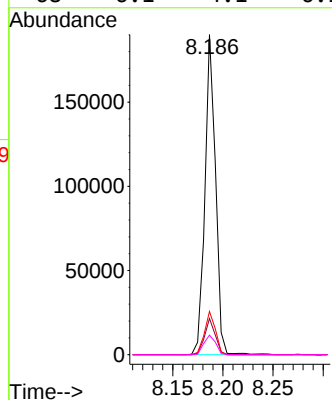
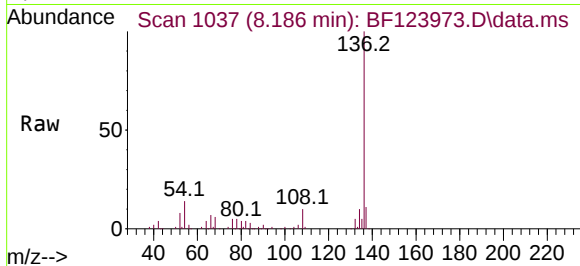




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

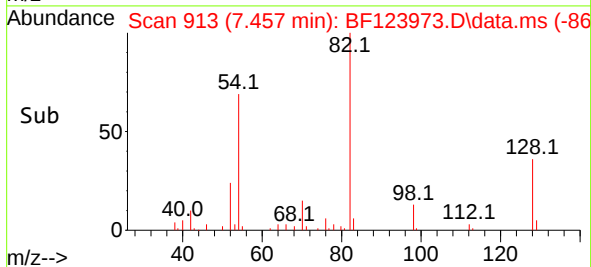
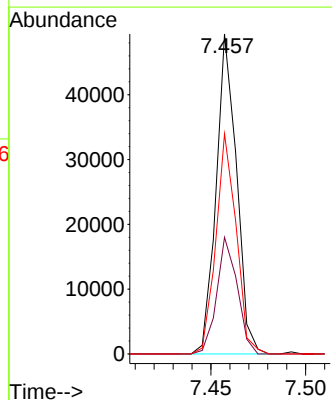
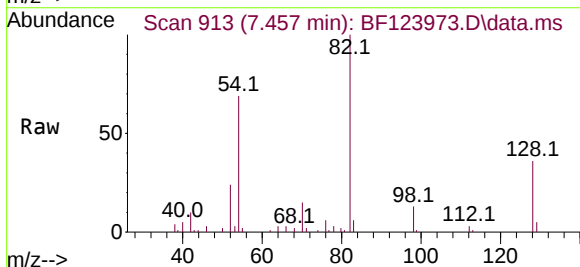
Instrument :
BNA_F
ClientSampleId :
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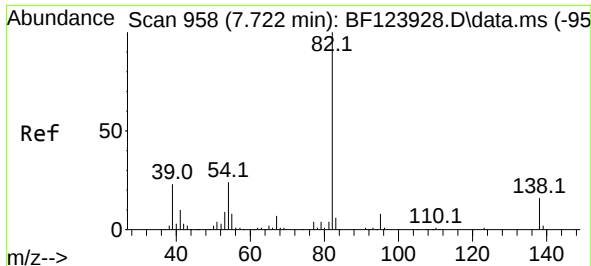
Tgt Ion:	136	Resp:	140509
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	13.5	9.8	14.6
68	6.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 11.36 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion:	82	Resp:	37046
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.4	44.2
54	68.8	54.1	81.1

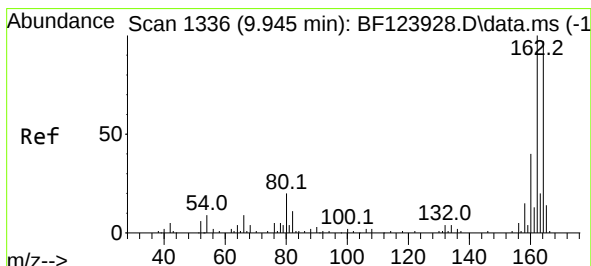
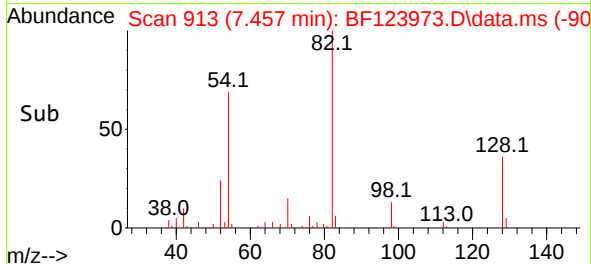
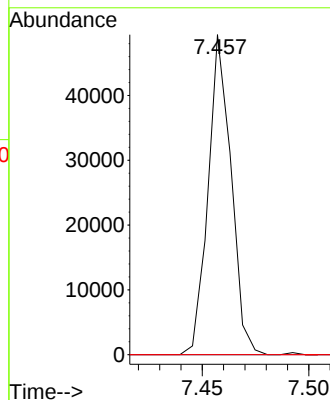
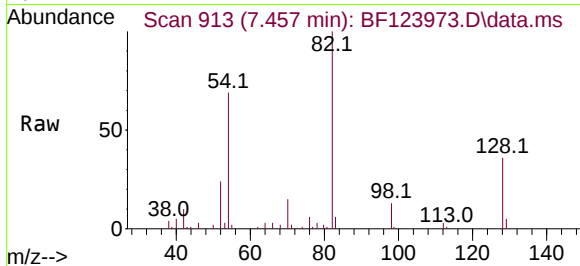




#25
Isophorone
Concen: 5.91 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

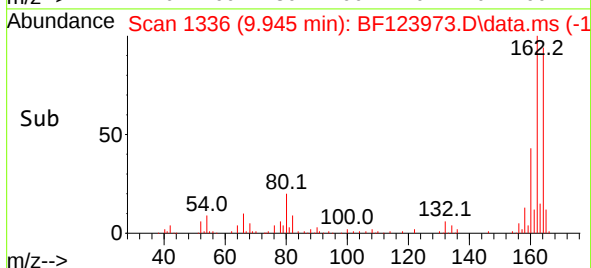
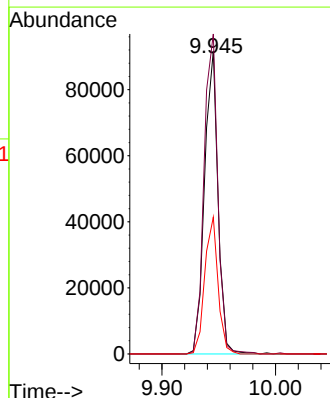
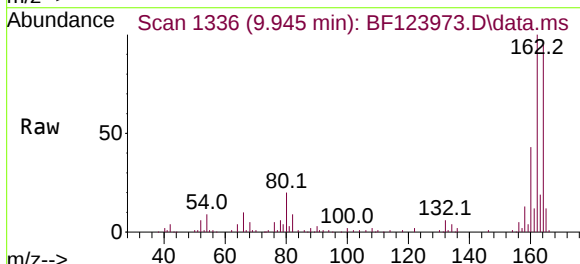
Instrument :
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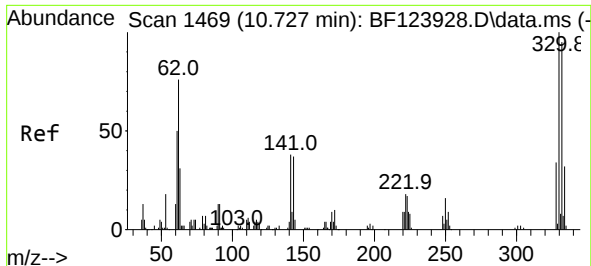
Tgt Ion: 82 Resp: 37045
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion: 164 Resp: 75609
Ion Ratio Lower Upper
164 100
162 105.6 80.7 121.1
160 45.1 37.3 55.9

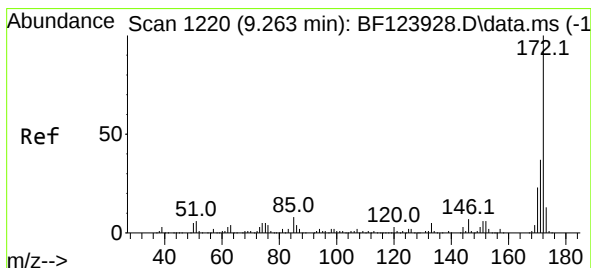
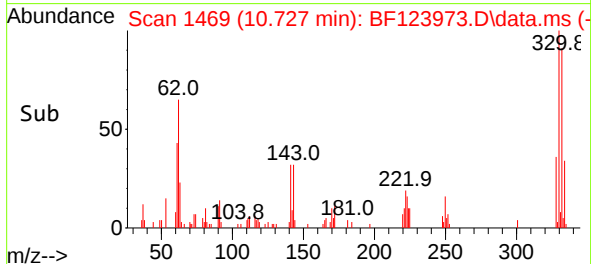
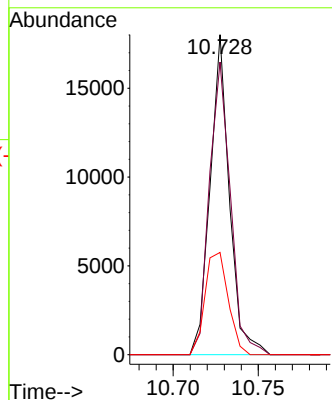
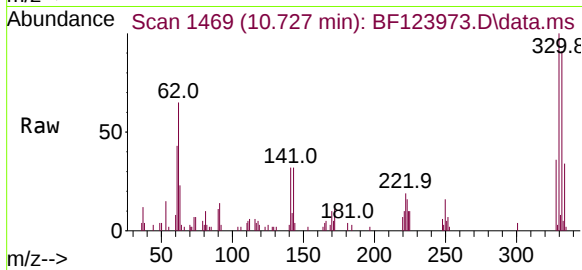




#42
2,4,6-Tribromophenol
Concen: 15.63 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

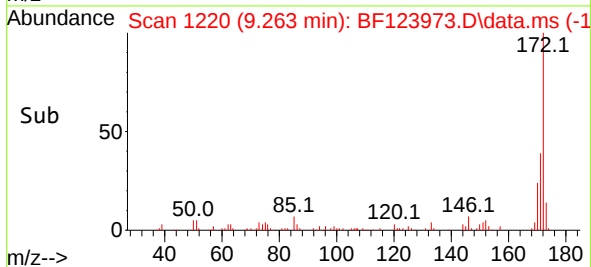
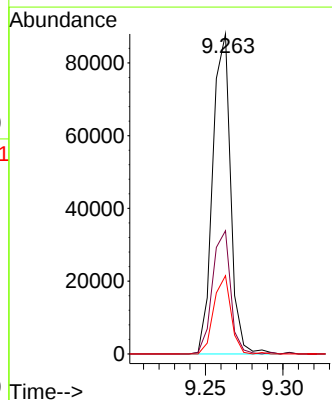
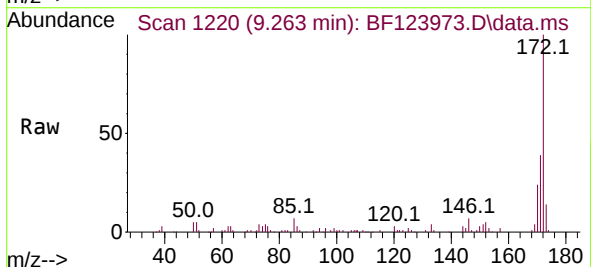
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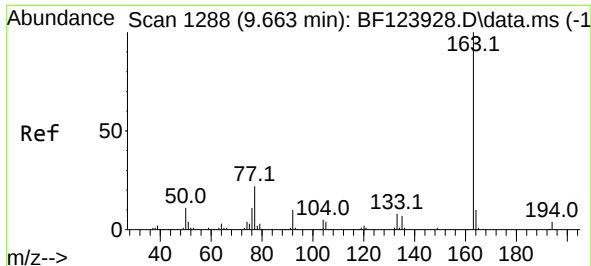
Tgt Ion: 330 Resp: 14191
Ion Ratio Lower Upper
330 100
332 99.5 77.1 115.7
141 38.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 11.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion: 172 Resp: 70686
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 24.5 19.2 28.8

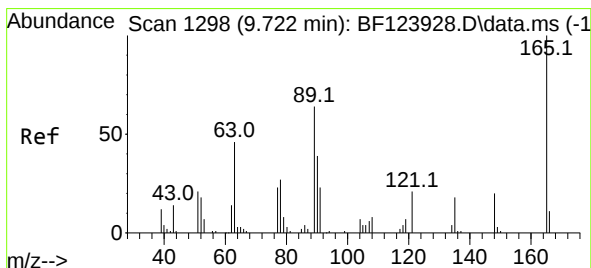
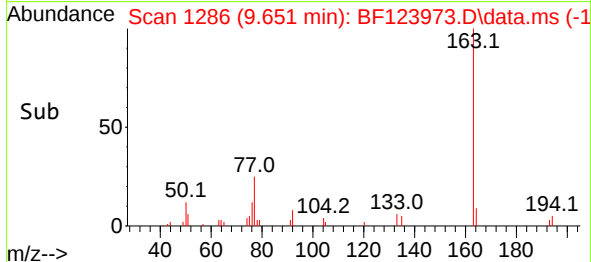
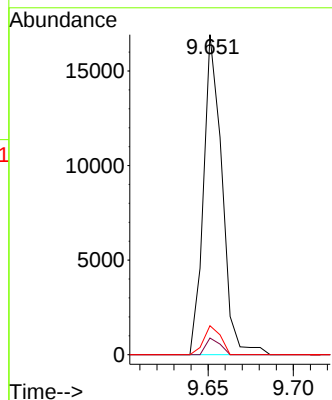
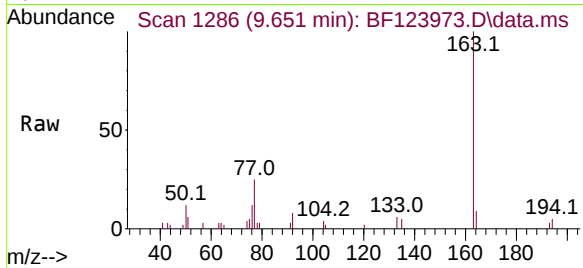




#50
Dimethylphthalate
Concen: 2.12 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

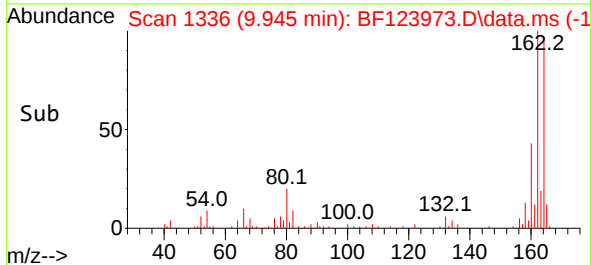
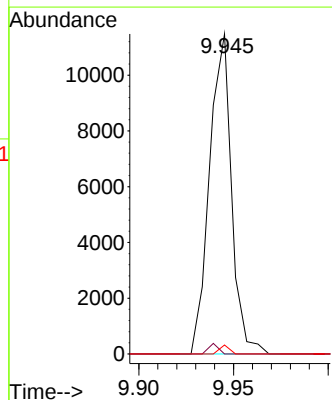
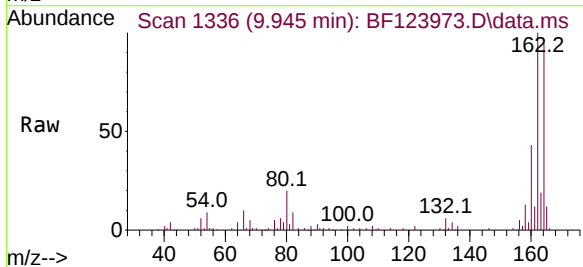
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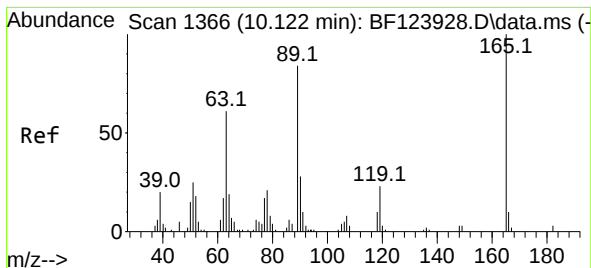
Tgt Ion:163 Resp: 12770
Ion Ratio Lower Upper
163 100
194 5.2 3.1 4.7#
164 9.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.224 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion:165 Resp: 9299
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.8 58.8 88.2#

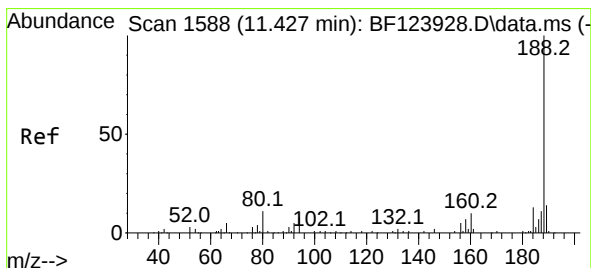
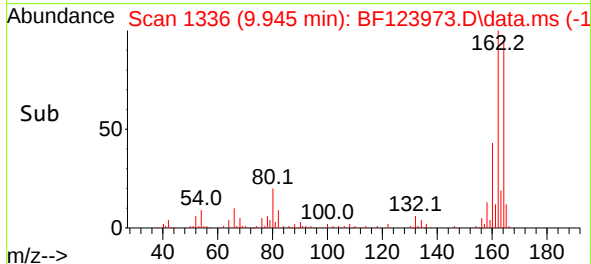
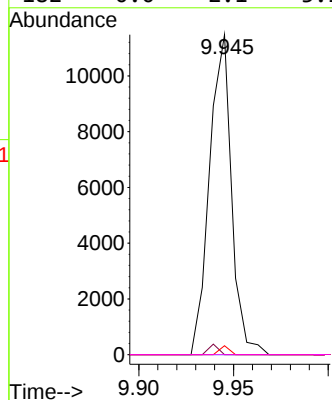
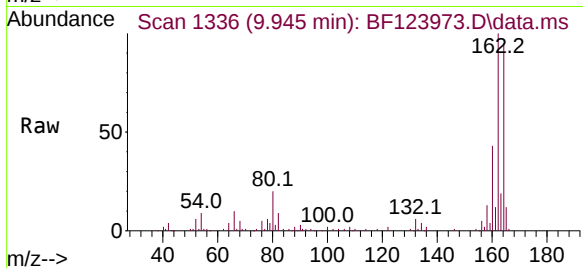




#57
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

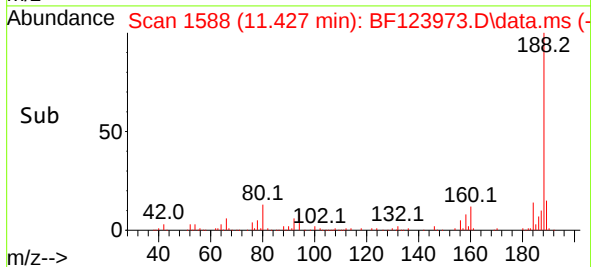
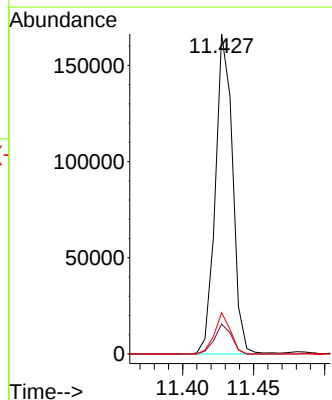
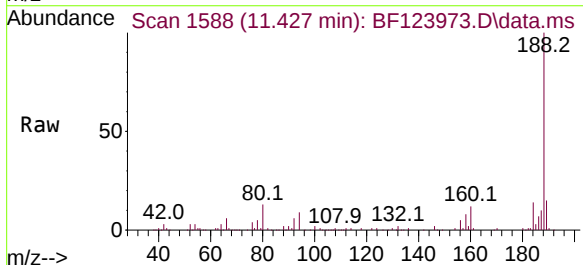
Instrument :
BNA_F
ClientSampleId :
600494644

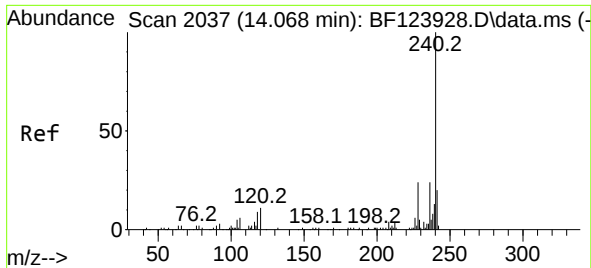
Tgt Ion:165	Resp:	9299
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.5 65.3#
89	2.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion:188	Resp:	140723
Ion Ratio	Lower	Upper
188	100	
94	9.3	6.9 10.3
80	12.9	8.2 12.2#

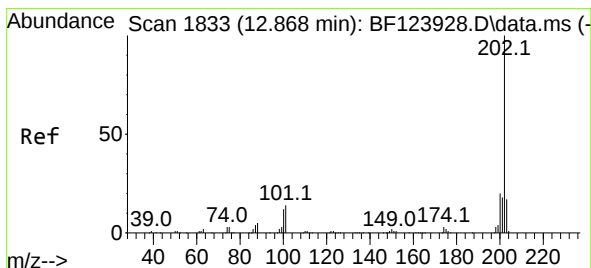
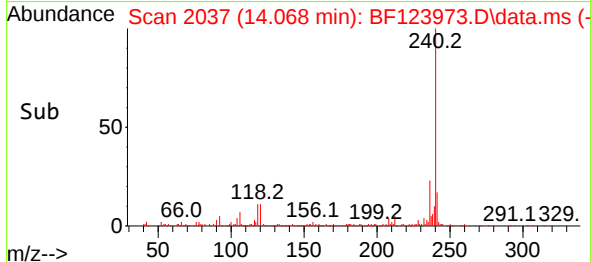
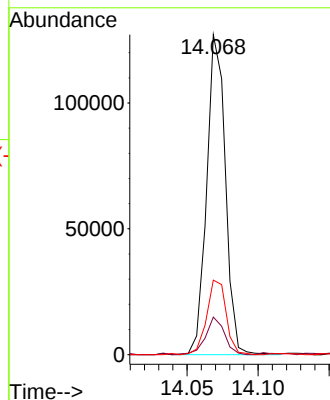
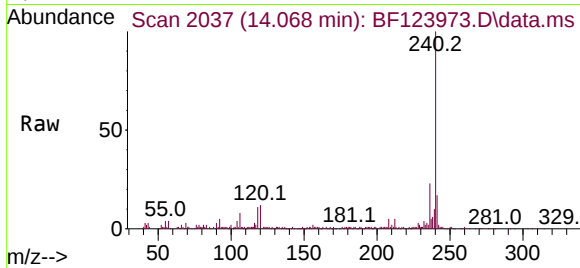




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

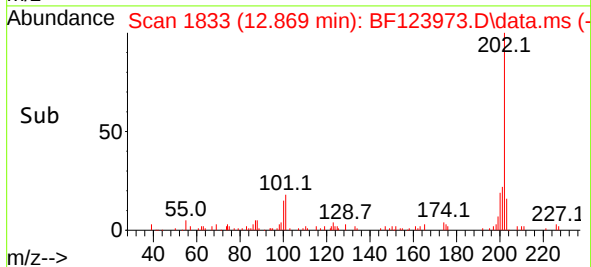
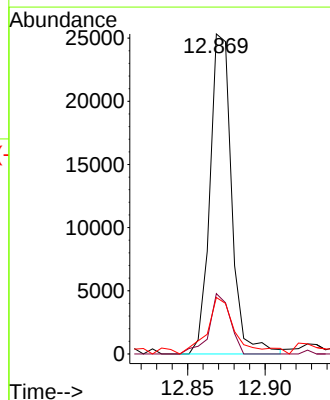
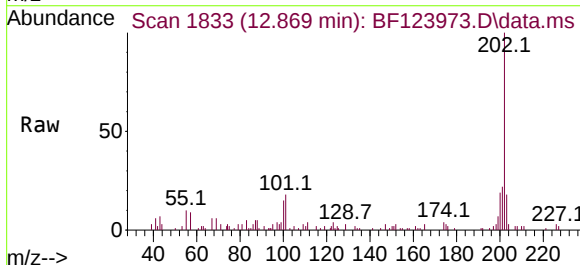
Instrument :
BNA_F
ClientSampleId :
600494644

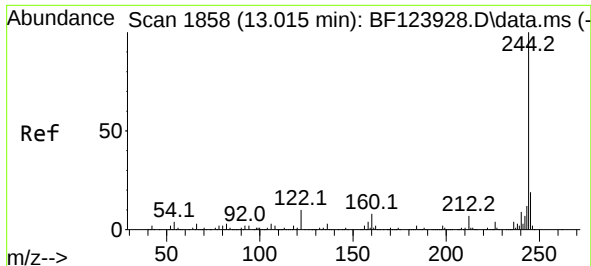
Tgt Ion:240 Resp: 116779
Ion Ratio Lower Upper
240 100
120 11.7 7.2 10.8#
236 23.3 19.0 28.4



#78
Pyrene
Concen: 2.38 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Tgt Ion:202 Resp: 24677
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 17.6 14.8 22.2

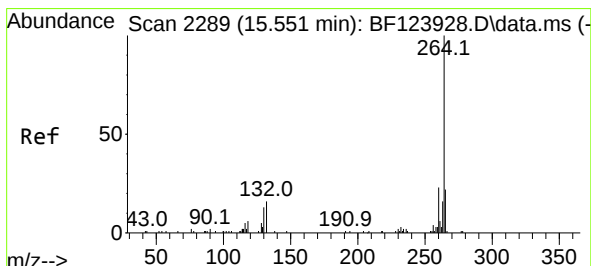
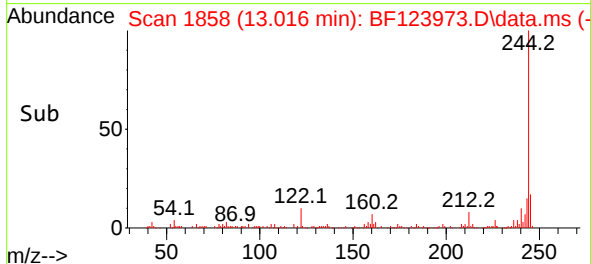
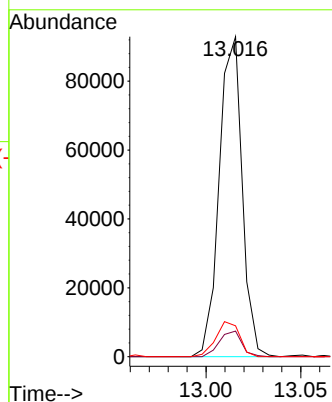
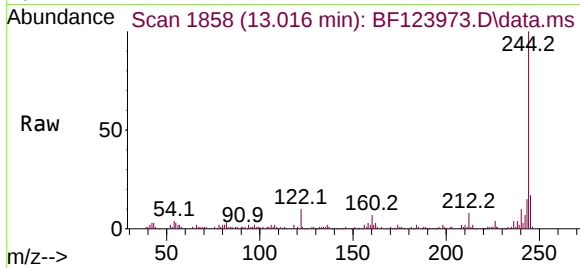




#79
 Terphenyl-d14
 Concen: 10.15 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF123973.D
 Acq: 17 May 2021 20:26

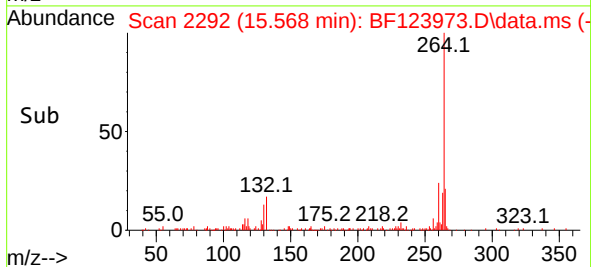
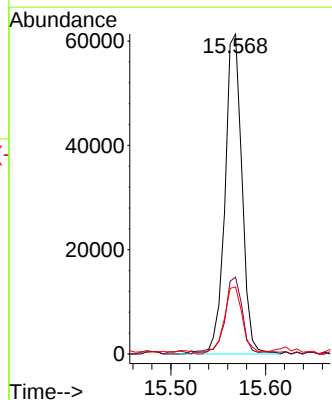
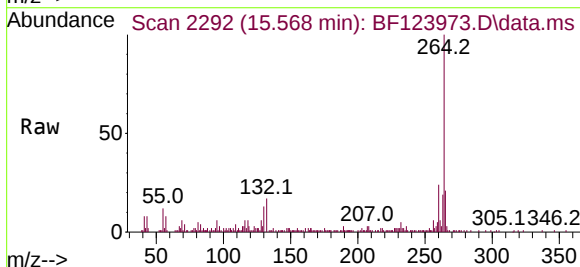
Instrument :
 BNA_F
 ClientSampleId :
 600494644

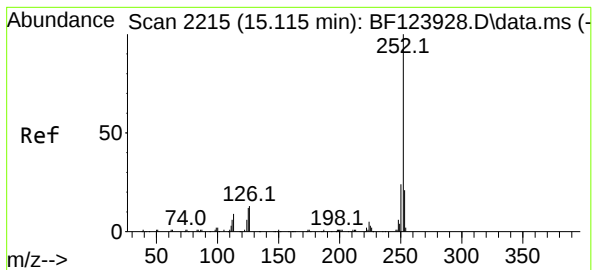
Tgt Ion:244 Resp: 78246
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF123973.D
 Acq: 17 May 2021 20:26

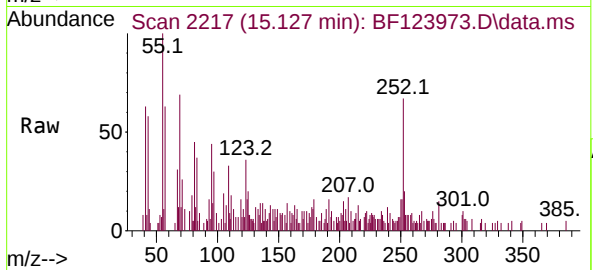
Tgt Ion:264 Resp: 76648
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.0 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.012 min
Lab File: BF123973.D
Acq: 17 May 2021 20:26

Instrument :
BNA_F
ClientSampleId :
600494644



Tgt Ion:	252	Resp:	12065
Ion Ratio	100	Lower	Upper
252	100		
253	29.9	18.1	27.1#
125	42.4	6.2	9.4#

