

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124479.D
 Acq On : 28 Jun 2021 20:54
 Operator : JU/CG
 Sample : M2856-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Jun 29 05:12:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

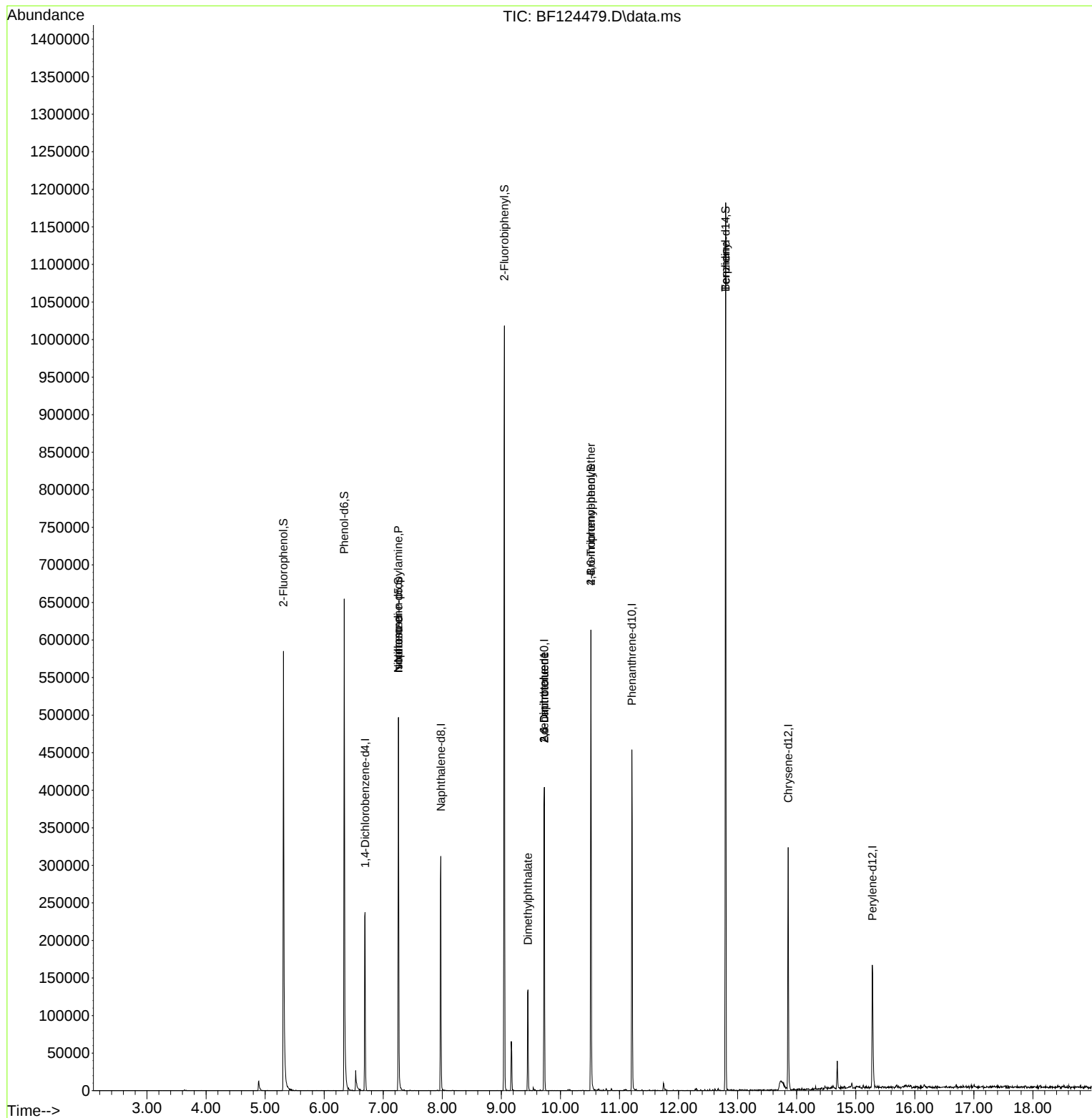
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	35189	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	129929	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	82195	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	151483	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	99606	20.00	ng	-0.01
86) Perylene-d12	15.280	264	70085	20.00	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	145979	65.24	ng	-0.02
7) Phenol-d6	6.339	99	176300	60.35	ng	-0.02
23) Nitrobenzene-d5	7.257	82	131699	42.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	61698	62.83	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	279000	41.58	ng	-0.02
79) Terphenyl-d14	12.798	244	333259	50.11	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	18726	9.53	ng	# 61
25) Isophorone	7.257	82	131697	24.44	ng	# 69
50) Dimethylphthalate	9.451	163	55090	8.50	ng	# 97
51) 2,6-Dinitrotoluene	9.727	165	10216	6.82	ng	# 11
57) 2,4-Dinitrotoluene	9.727	165	10216	5.15	ng	# 17
67) 4-Bromophenyl-phenylether	10.516	248	4784	2.35	ng	# 1
77) Benzidine	12.798	184	5236	2.62	ng	# 81

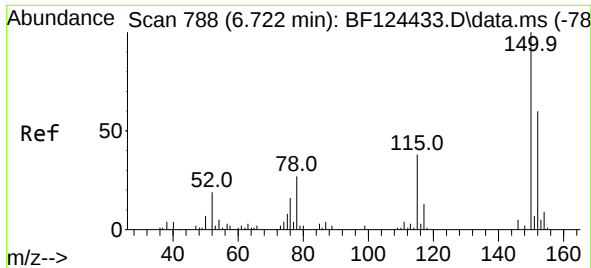
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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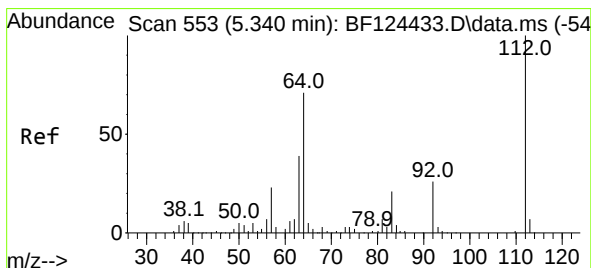
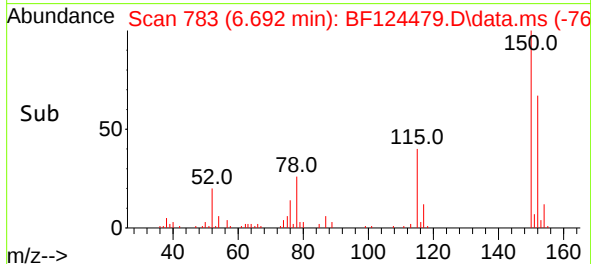
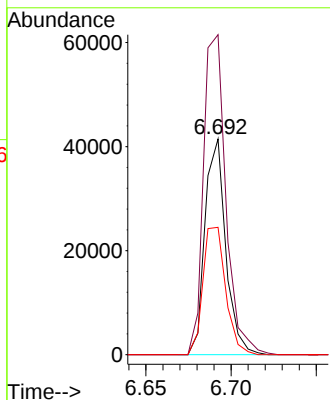
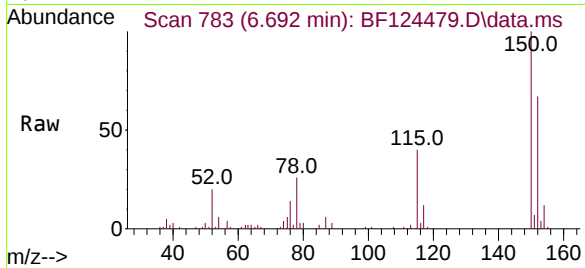




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.692 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: BF124479.D
 Acq: 28 Jun 2021 20:54

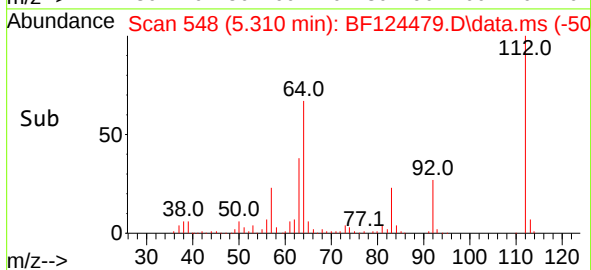
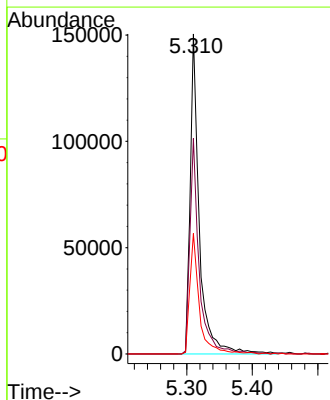
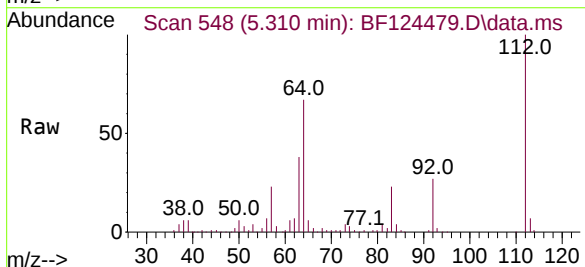
Instrument :
 BNA_F
 ClientSampleId :
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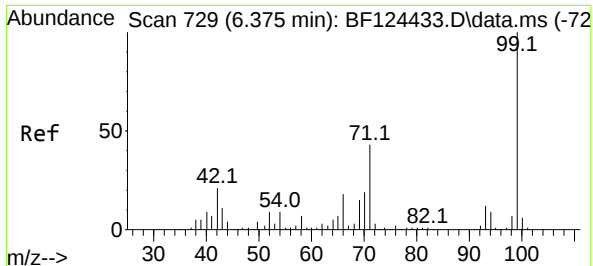
Tgt Ion:152 Resp: 35189
 Ion Ratio Lower Upper
 152 100
 150 148.4 127.0 190.6
 115 59.0 54.3 81.5



#5
 2-Fluorophenol
 Concen: 65.24 ng
 RT: 5.310 min Scan# 548
 Delta R.T. -0.018 min
 Lab File: BF124479.D
 Acq: 28 Jun 2021 20:54

Tgt Ion:112 Resp: 145979
 Ion Ratio Lower Upper
 112 100
 64 67.3 61.4 92.0
 63 37.7 33.0 49.4

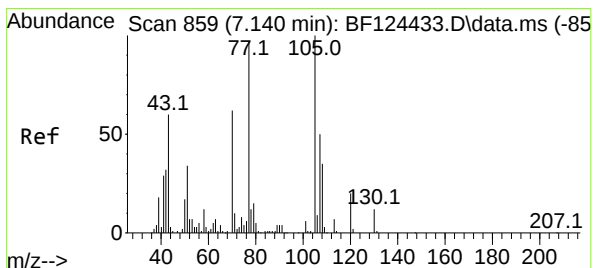
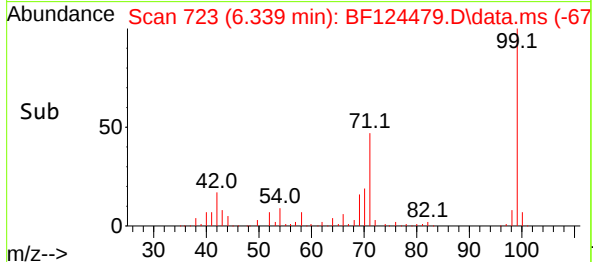
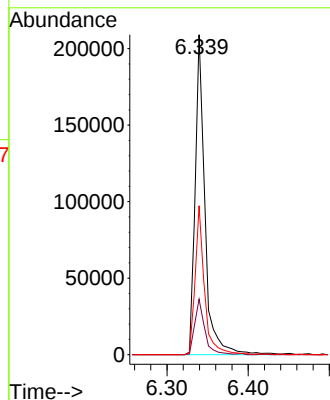
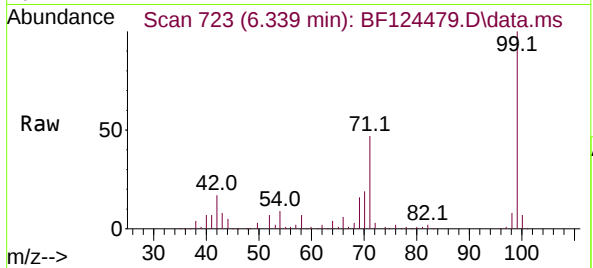




#7
Phenol-d6
Concen: 60.35 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.024 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

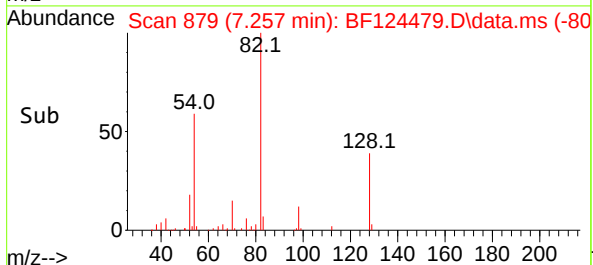
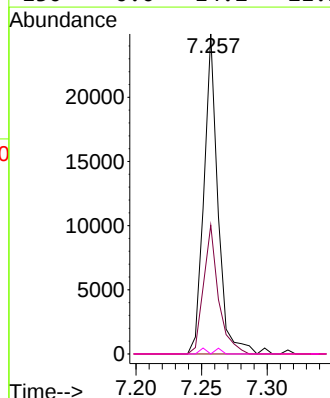
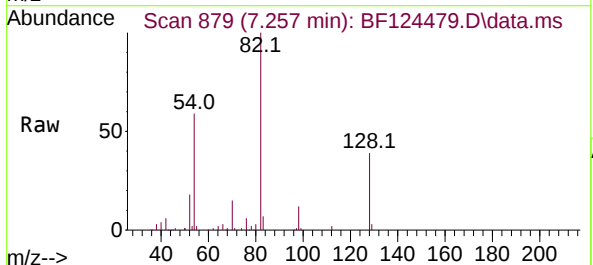
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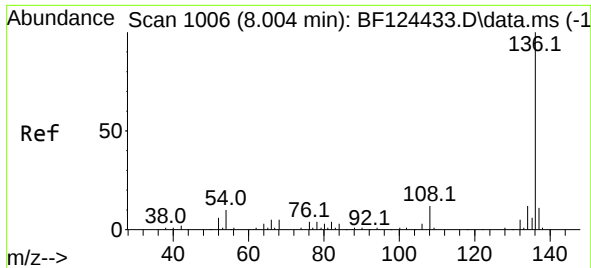
Tgt Ion: 99 Resp: 176300
Ion Ratio Lower Upper
99 100
42 17.4 19.8 29.8#
71 46.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.53 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion: 70 Resp: 18726
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

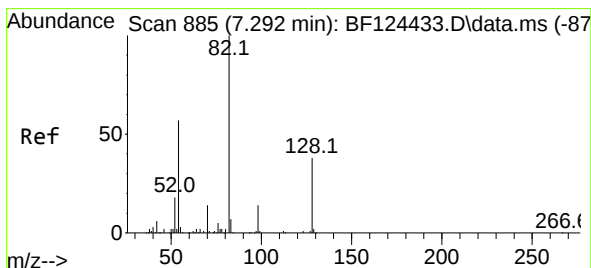
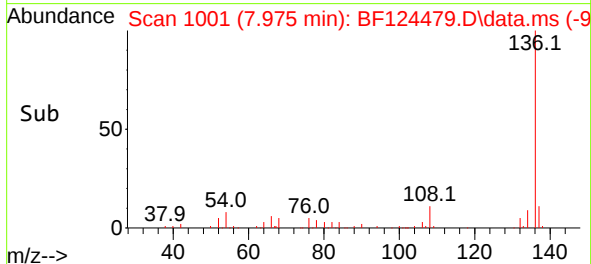
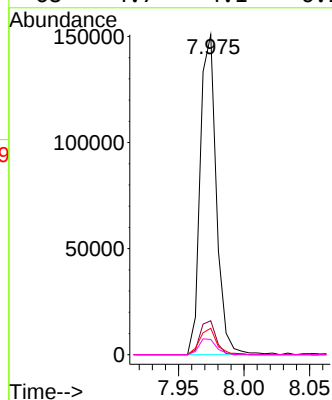
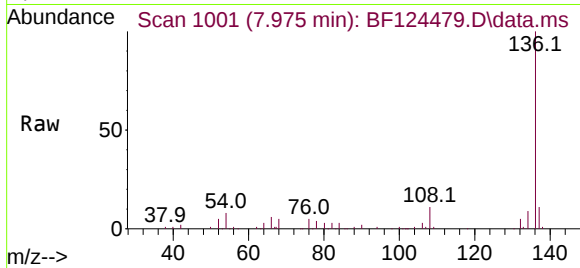




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

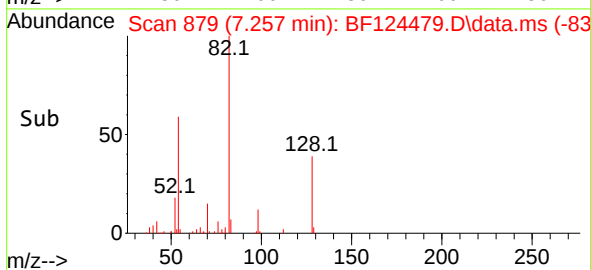
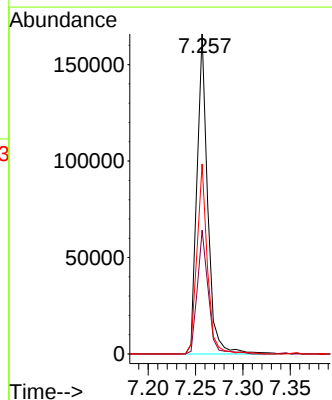
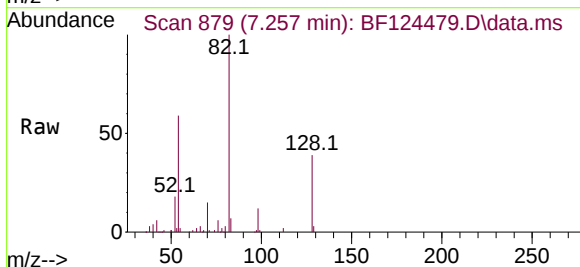
Instrument :
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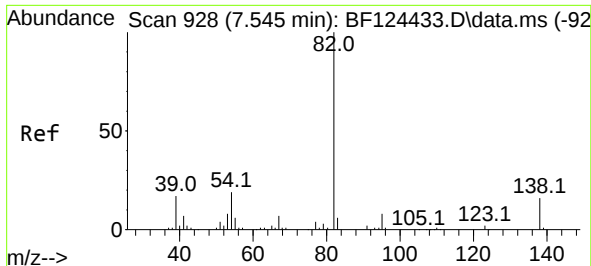
Tgt Ion:136	Resp: 129929
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 8.3	9.8 14.6#
68 4.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 42.03 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion: 82	Resp: 131699
Ion Ratio	Lower Upper
82 100	
128 38.7	29.4 44.2
54 59.4	54.1 81.1

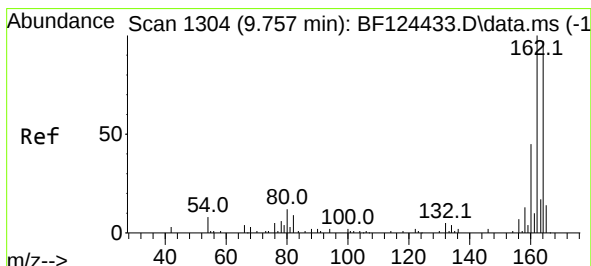
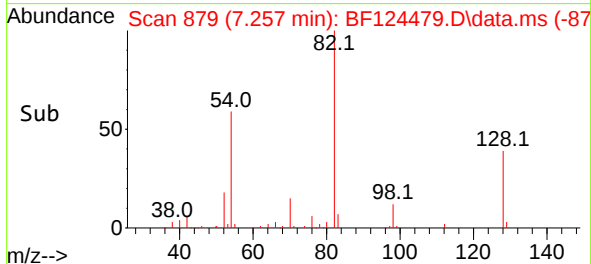
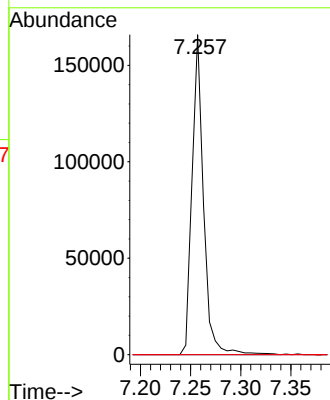
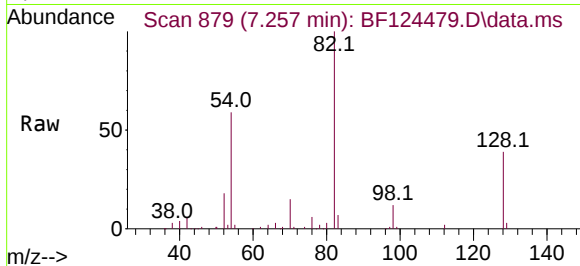




#25
Isophorone
Concen: 24.44 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.277 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

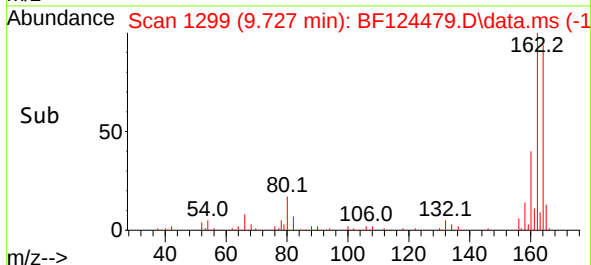
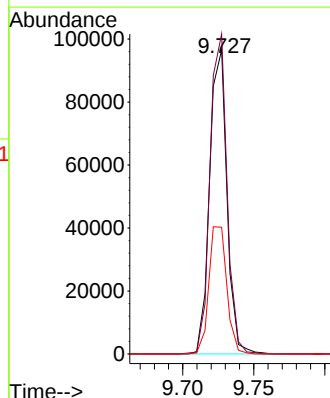
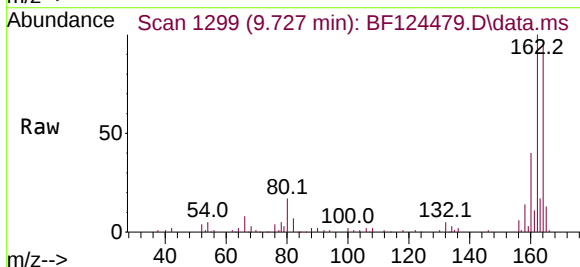
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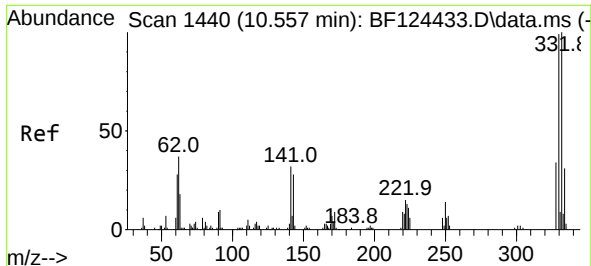
Tgt Ion: 82 Resp: 131697
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion: 164 Resp: 82195
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 41.7 37.3 55.9

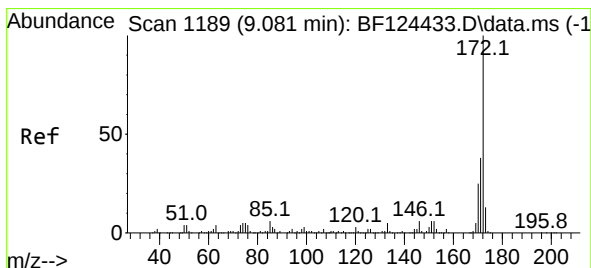
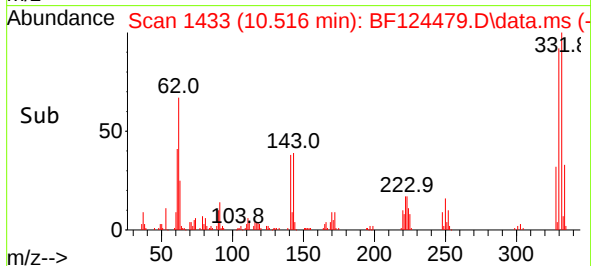
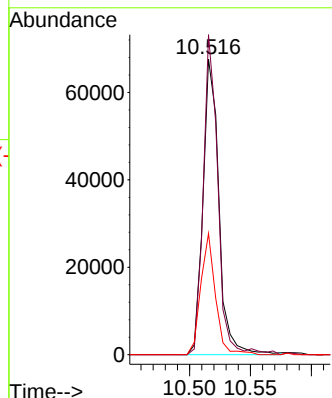
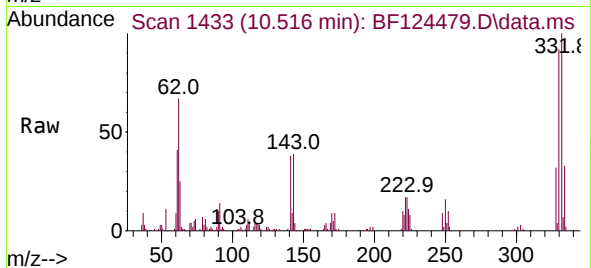




#42
2,4,6-Tribromophenol
Concen: 62.83 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

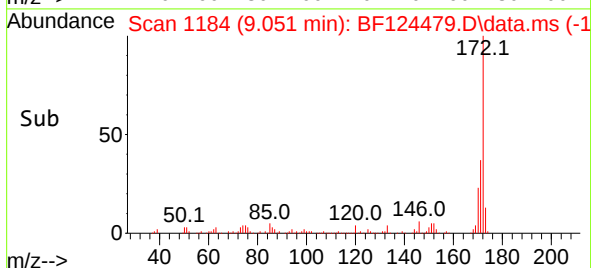
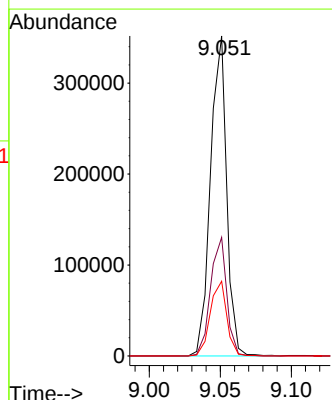
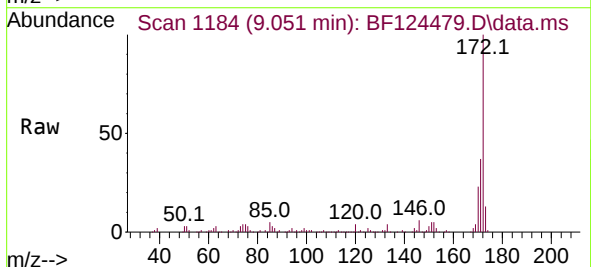
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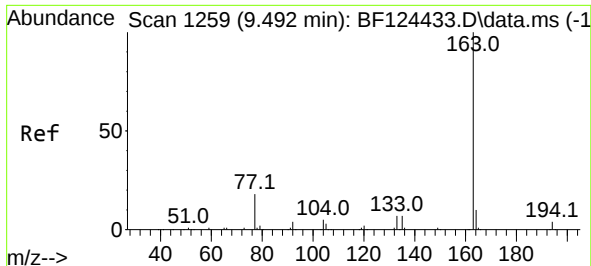
Tgt Ion: 330 Resp: 61698
Ion Ratio Lower Upper
330 100
332 99.5 77.1 115.7
141 38.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 41.58 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion: 172 Resp: 279000
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.3 19.2 28.8

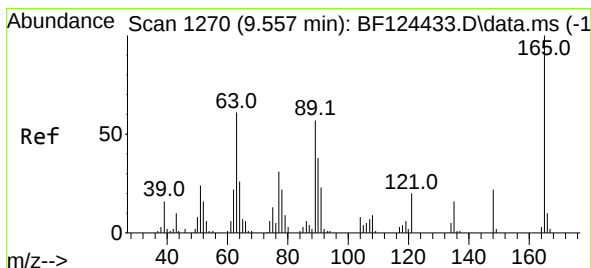
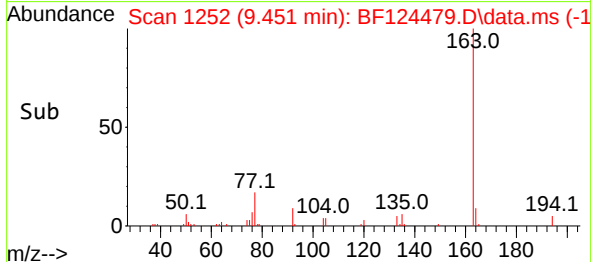
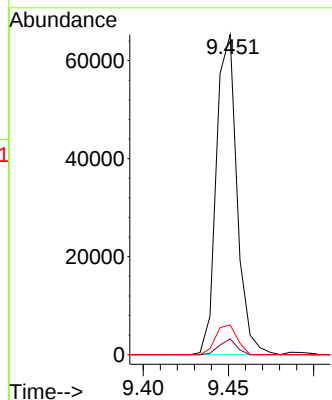
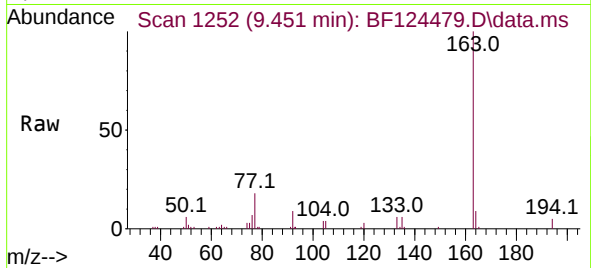




#50
Dimethylphthalate
Concen: 8.50 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

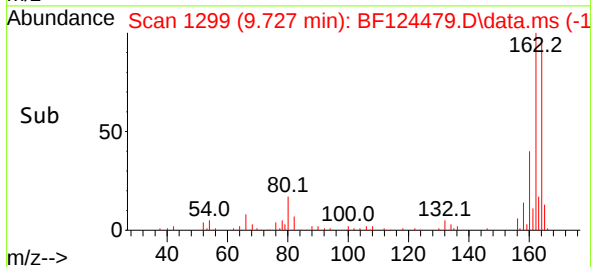
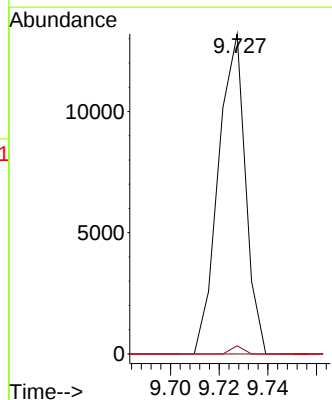
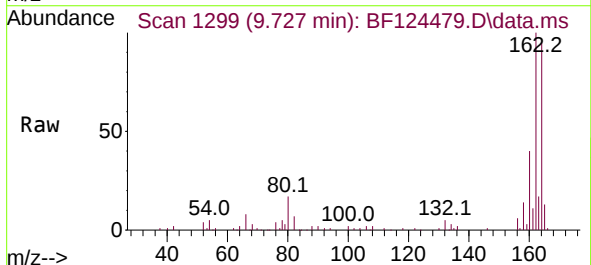
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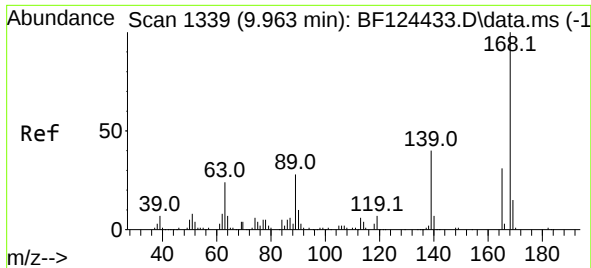
Tgt Ion:163 Resp: 55090
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 9.3 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 6.82 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.188 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion:165 Resp: 10216
Ion Ratio Lower Upper
165 100
63 2.6 67.7 101.5#
89 0.0 58.8 88.2#

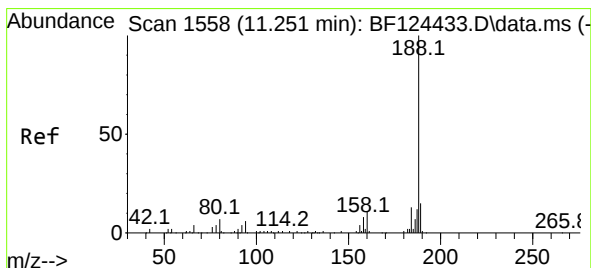
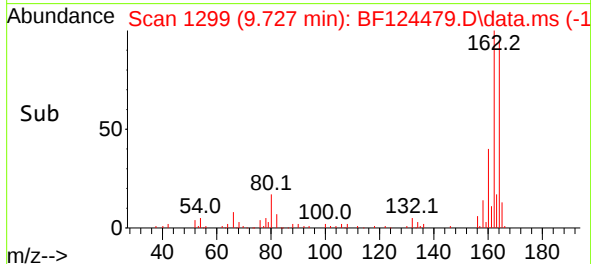
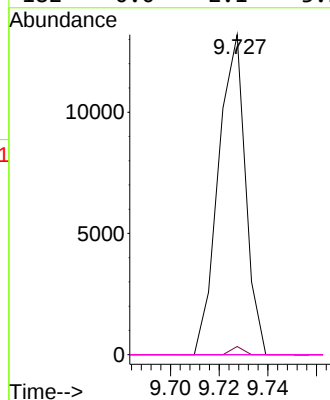
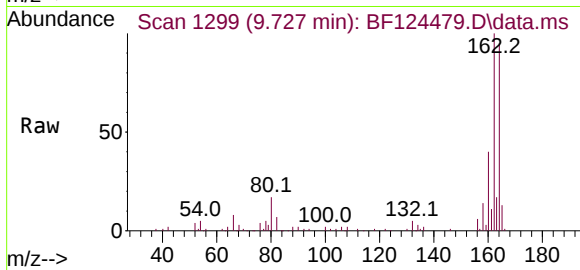




#57
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.218 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

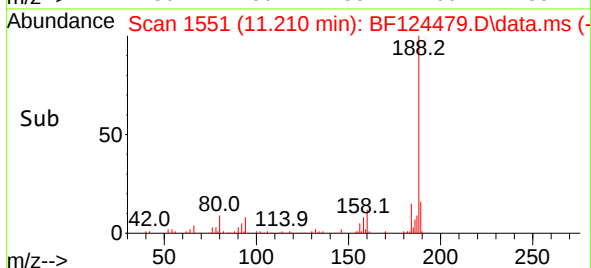
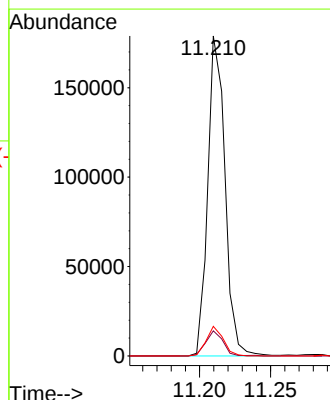
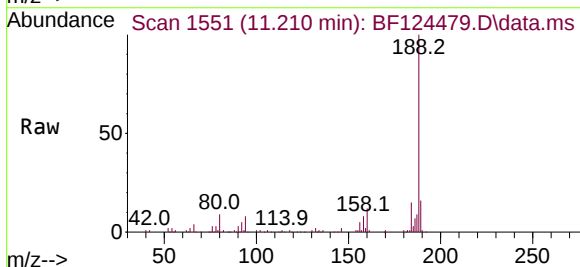
Instrument :
BNA_F
ClientSampleId :
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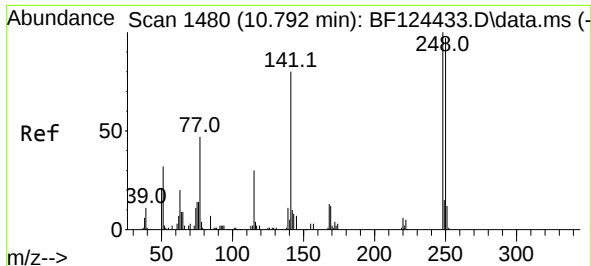
Tgt Ion:165	Resp:	10216
Ion Ratio	Lower	Upper
165	100	
63	2.6	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion:188	Resp:	151483
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.9 10.3
80	9.2	8.2 12.2

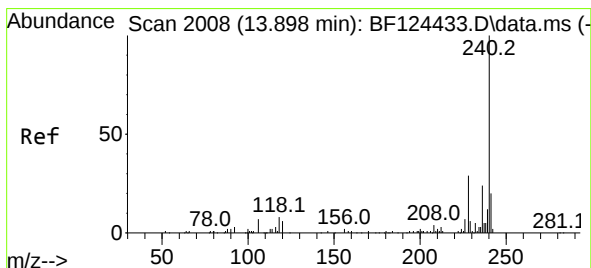
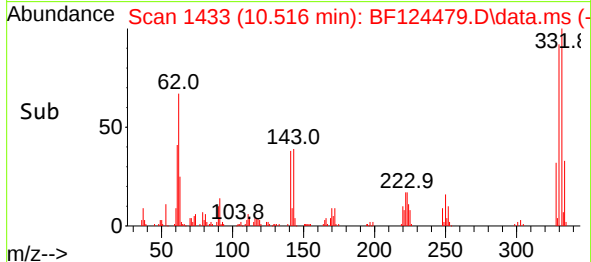
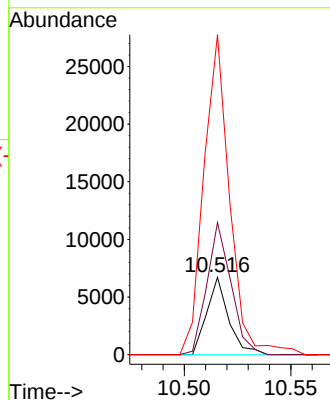
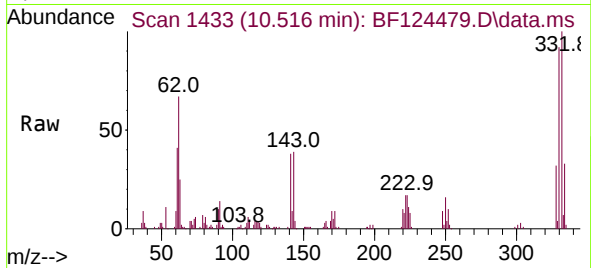




#67
4-Bromophenyl-phenylether
Concen: 2.35 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

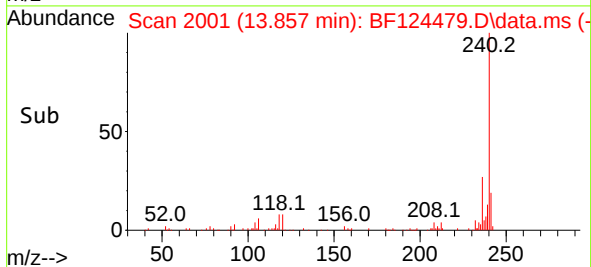
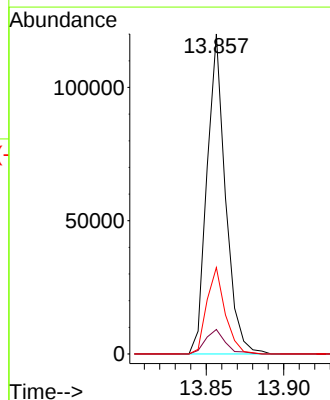
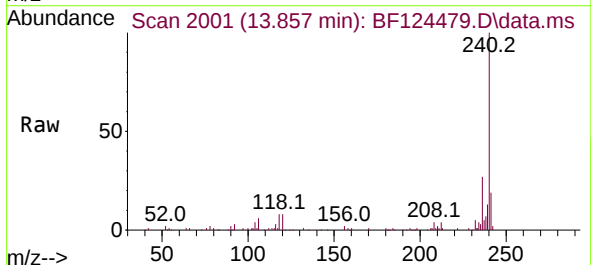
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

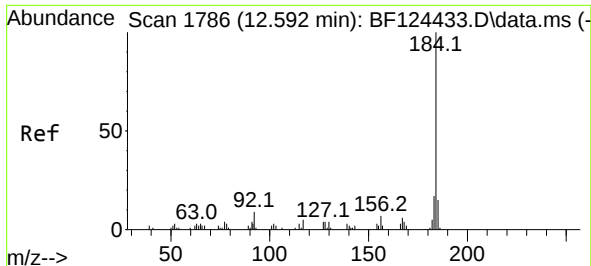
Tgt Ion:248 Resp: 4784
Ion Ratio Lower Upper
248 100
250 170.8 77.4 116.2#
141 413.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion:240 Resp: 99606
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 27.0 19.0 28.4

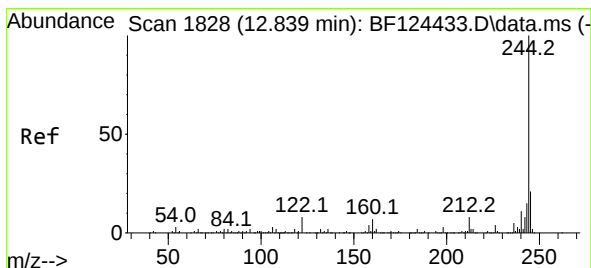
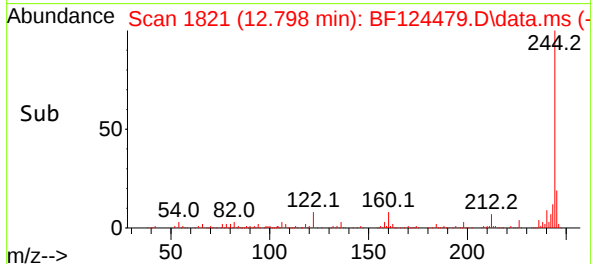
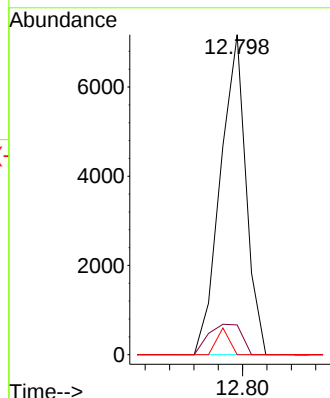
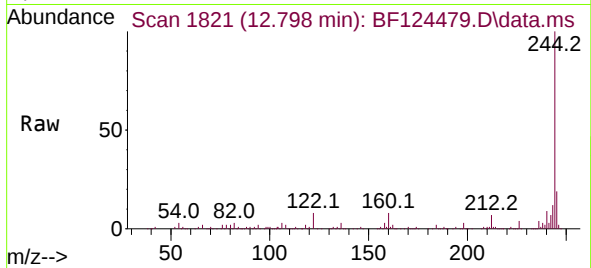




#77
Benzidine
Concen: 2.62 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

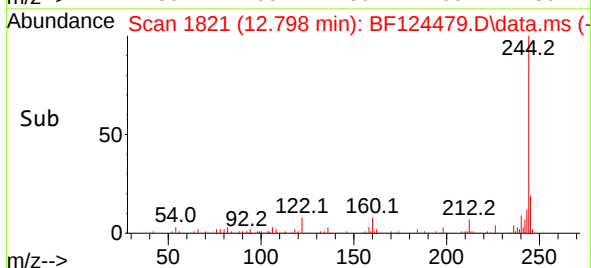
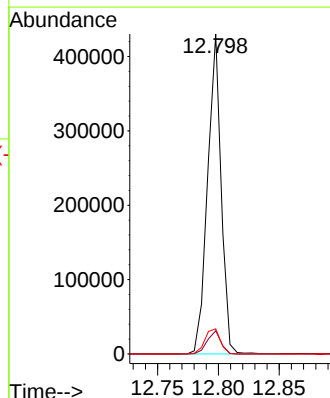
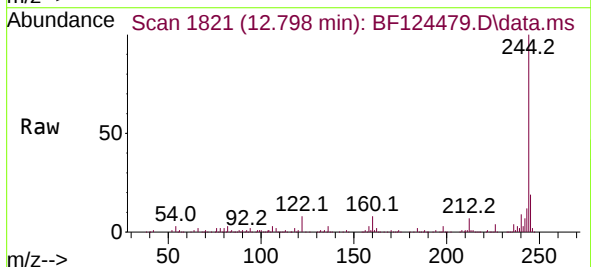
Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

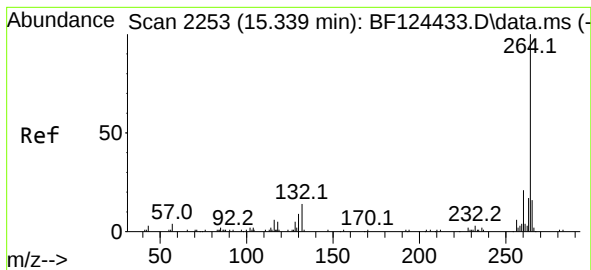
Tgt Ion:184 Resp: 5236
Ion Ratio Lower Upper
184 100
185 9.3 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 50.11 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF124479.D
Acq: 28 Jun 2021 20:54

Tgt Ion:244 Resp: 333259
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 7.9 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.280 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF124479.D
 Acq: 28 Jun 2021 20:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tgt Ion:264 Resp: 70085
 Ion Ratio Lower Upper
 264 100
 260 17.6 18.7 28.1#
 265 18.7 17.8 26.8

