

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128486.D
 Acq On : 26 May 2022 21:56
 Operator : CG\JU
 Sample : PB145086BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145086BL

Quant Time: May 27 04:24:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

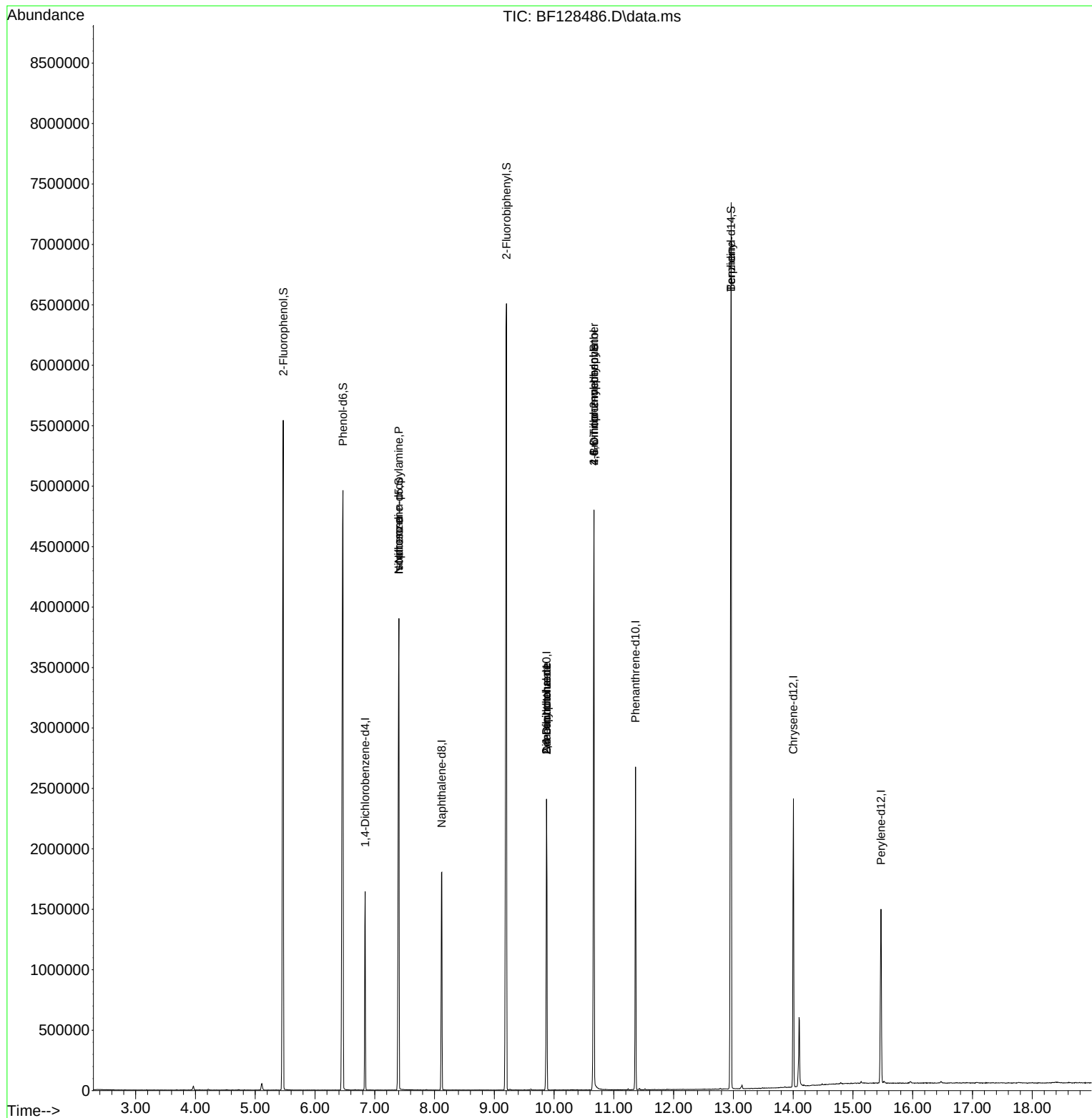
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	225284	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	898393	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	510149	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	953321	20.000	ng	0.00
76) Chrysene-d12	14.004	240	779522	20.000	ng	0.00
86) Perylene-d12	15.468	264	653177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1710273	125.748	ng	0.02
7) Phenol-d6	6.469	99	2190837	126.336	ng	0.00
23) Nitrobenzene-d5	7.404	82	1451507	93.205	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	626740	129.072	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2660516	84.728	ng	0.00
79) Terphenyl-d14	12.963	244	3008888	74.572	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	211	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	199049	18.721	ng	# 77
25) Isophorone	7.404	82	1445147	50.303	ng	# 65
50) Dimethylphthalate	9.875	163	88088	2.662	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	65747	10.841	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	65747	9.061	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1582	5.820	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	41446	4.208	ng	# 1
77) Benzidine	12.963	184	43031	2.393	ng	# 93

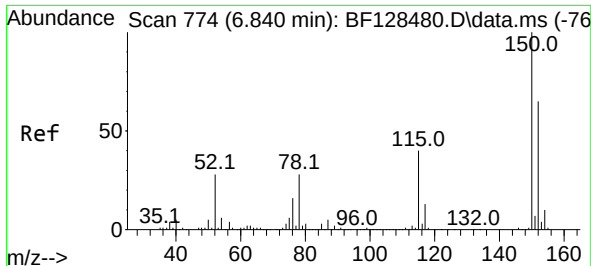
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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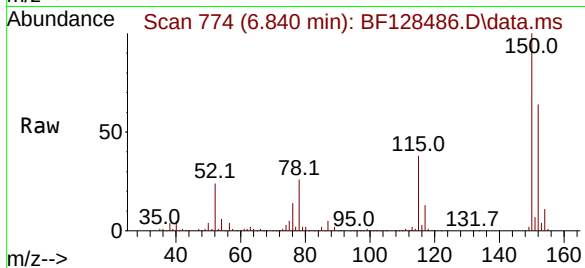
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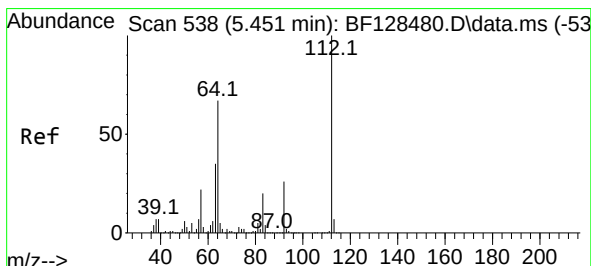
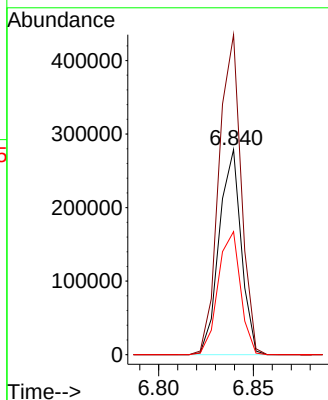
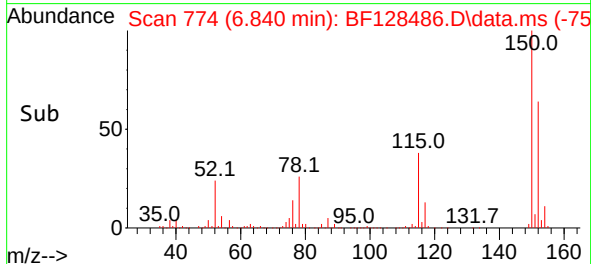


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128486.D
 Acq: 26 May 2022 21:56

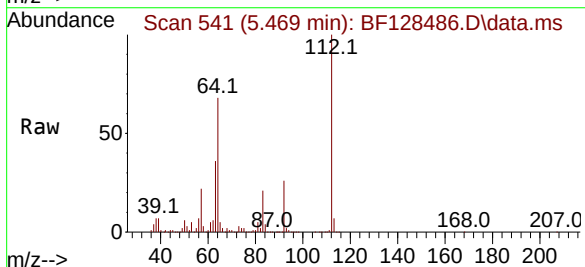
Instrument :
 BNA_F
 ClientSampleId :
 PB145086BL



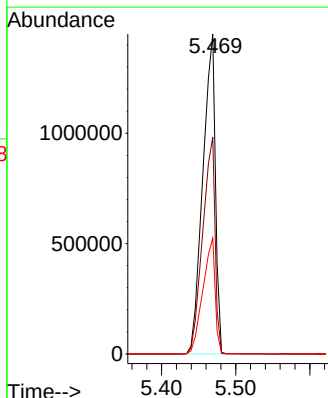
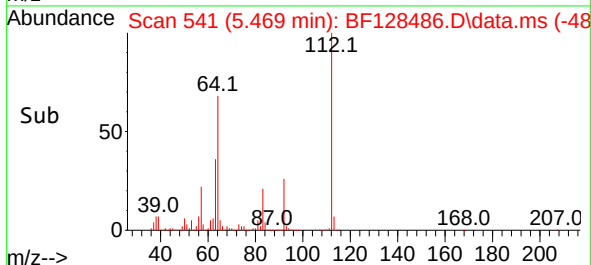
Tgt Ion:152 Resp: 225284
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.7 185.5
 115 60.0 49.9 74.9

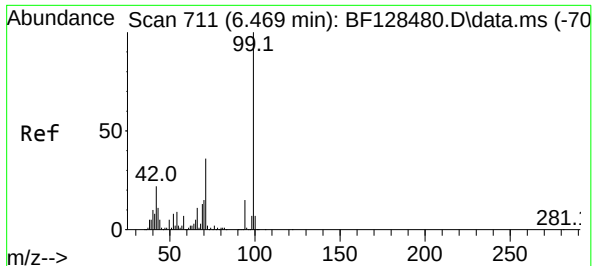


#5
 2-Fluorophenol
 Concen: 125.748 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.018 min
 Lab File: BF128486.D
 Acq: 26 May 2022 21:56



Tgt Ion:112 Resp: 1710273
 Ion Ratio Lower Upper
 112 100
 64 67.8 53.3 79.9
 63 36.2 28.0 42.0

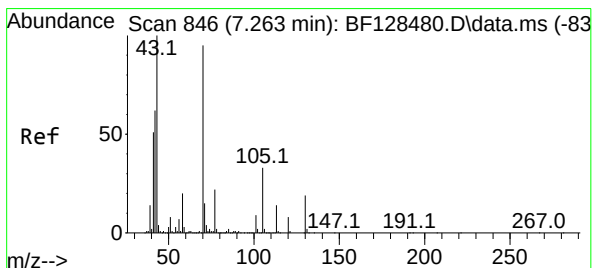
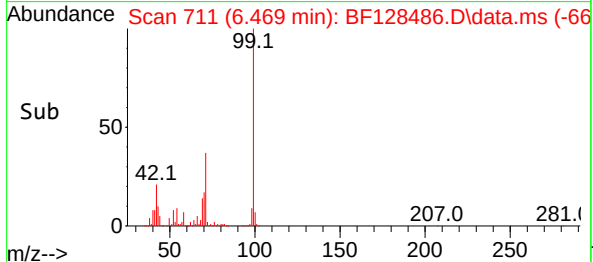
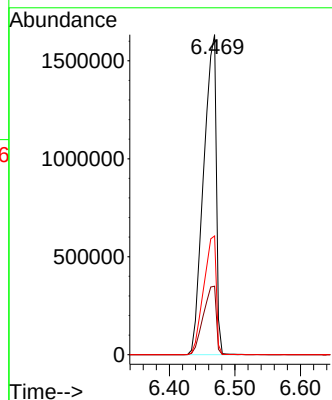
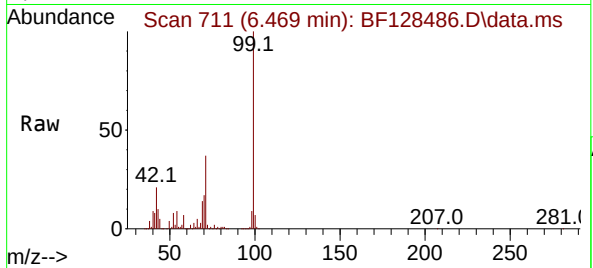




#7
Phenol-d6
Concen: 126.336 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

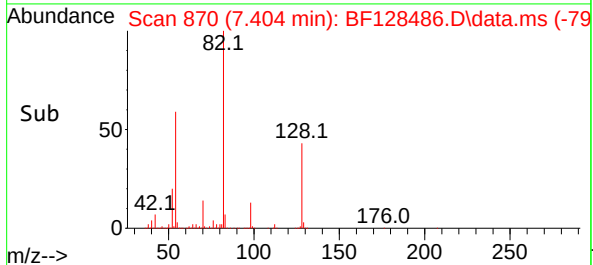
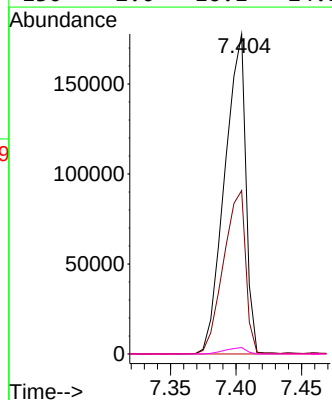
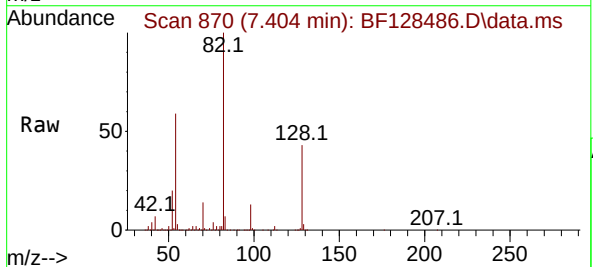
Instrument :
BNA_F
ClientSampleId :
PB145086BL

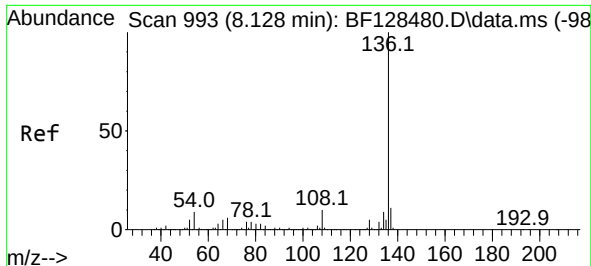
Tgt Ion: 99 Resp: 2190837
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 37.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.721 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Tgt Ion: 70 Resp: 199049
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



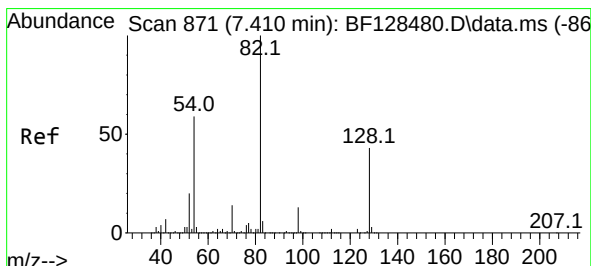
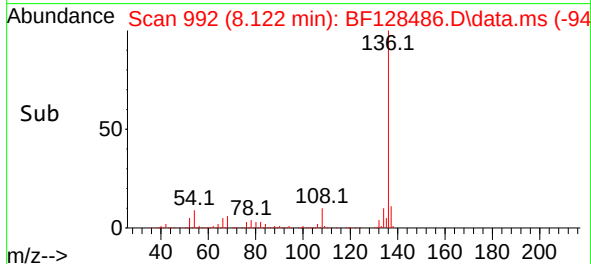
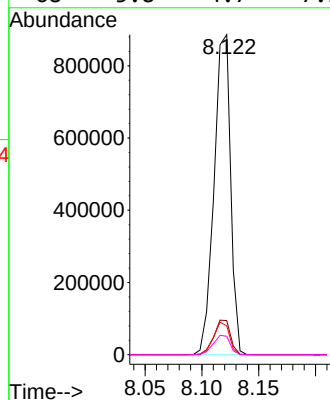
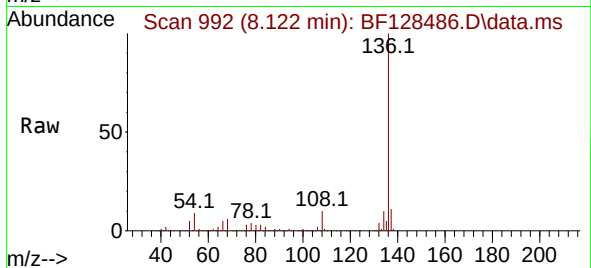


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Instrument :
BNA_F
ClientSampleId :
PB145086BL

Tgt Ion:136 Resp: 898393

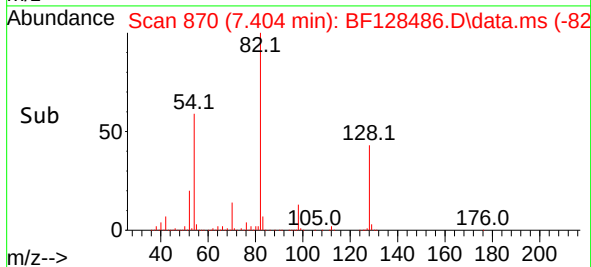
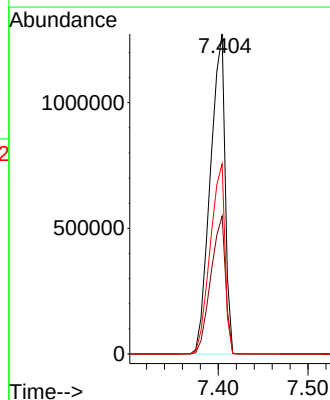
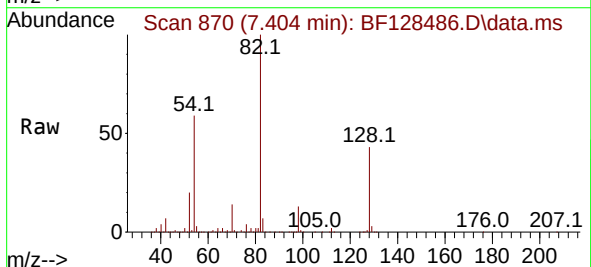
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.0	7.5	11.3
68	5.8	4.7	7.1

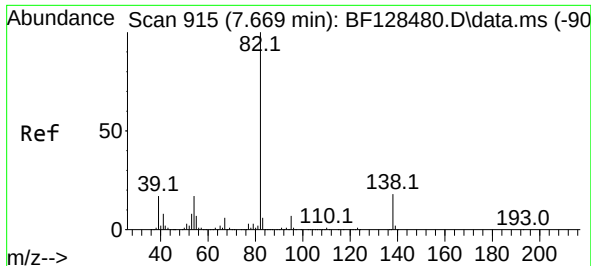


#23
Nitrobenzene-d5
Concen: 93.205 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Tgt Ion: 82 Resp: 1451507

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	59.4	46.9	70.3

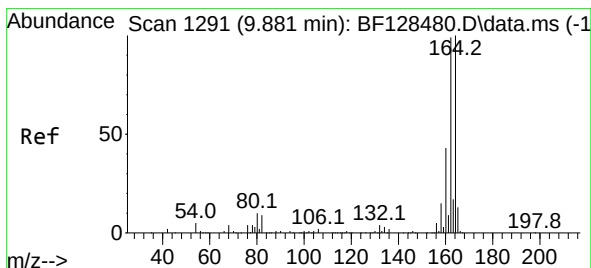
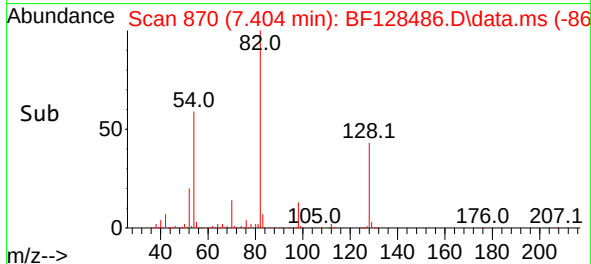
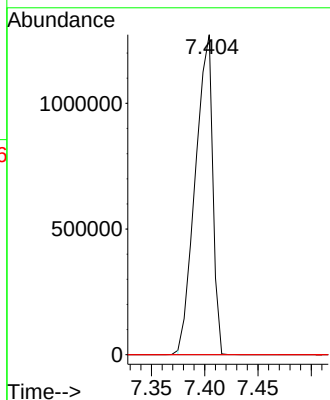
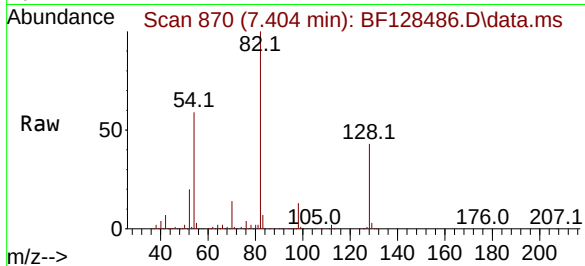




#25
Isophorone
Concen: 50.303 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

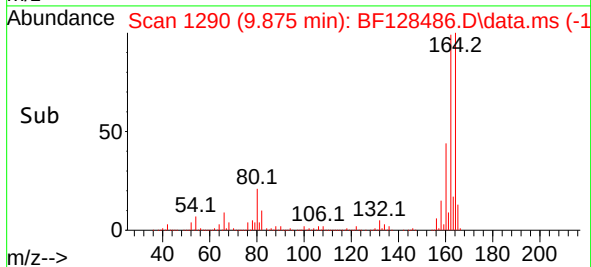
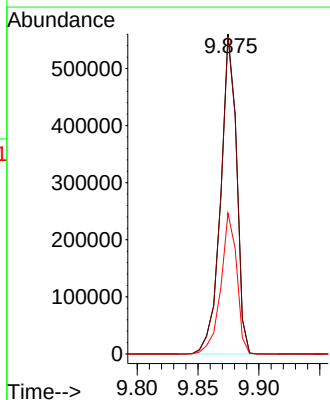
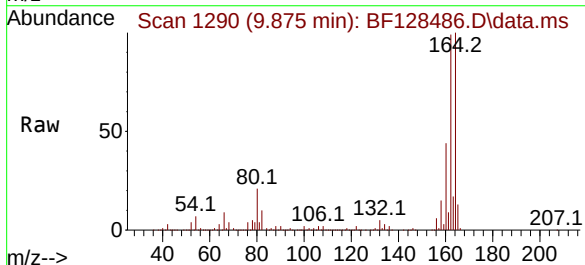
Instrument :
BNA_F
ClientSampleId :
PB145086BL

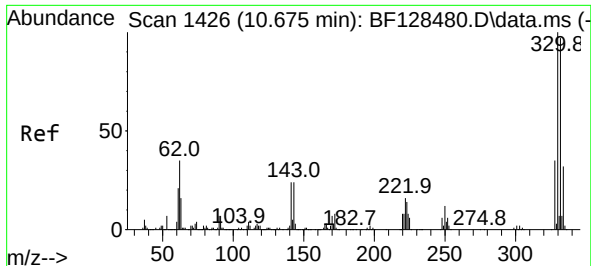
Tgt Ion: 82 Resp: 1445147
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Tgt Ion:164 Resp: 510149
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.072 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128486.D

Acq: 26 May 2022 21:56

Instrument :

BNA_F

ClientSampleId :

PB145086BL

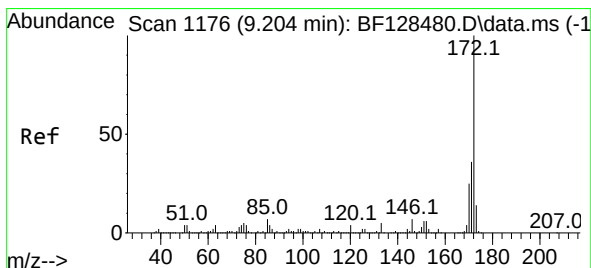
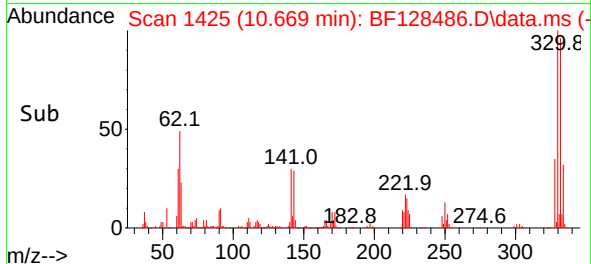
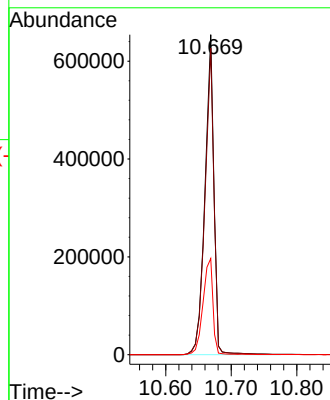
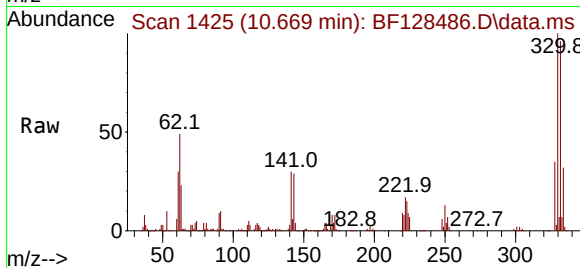
Tgt Ion:330 Resp: 626740

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.728 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128486.D

Acq: 26 May 2022 21:56

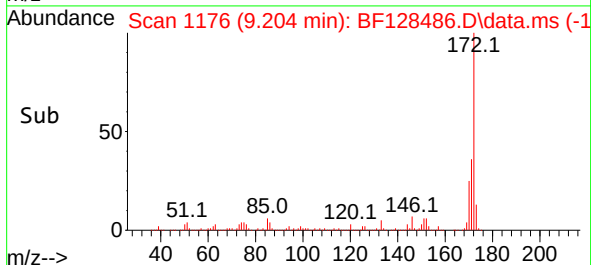
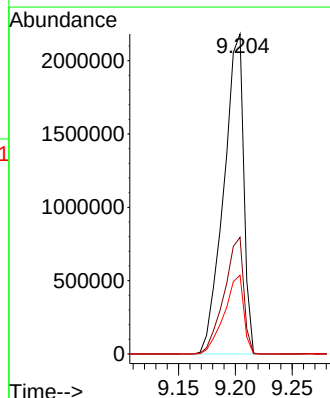
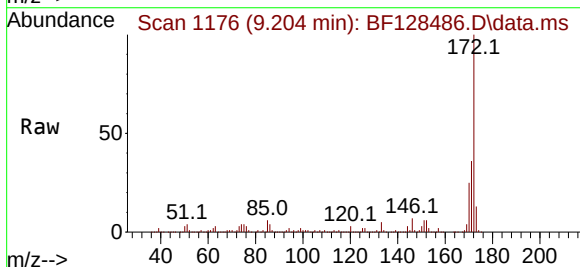
Tgt Ion:172 Resp: 2660516

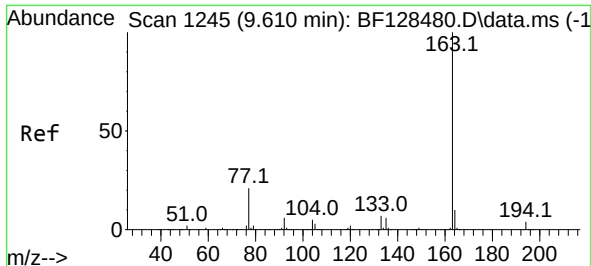
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.6 19.8 29.8

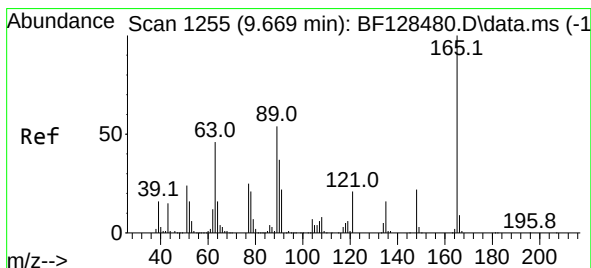
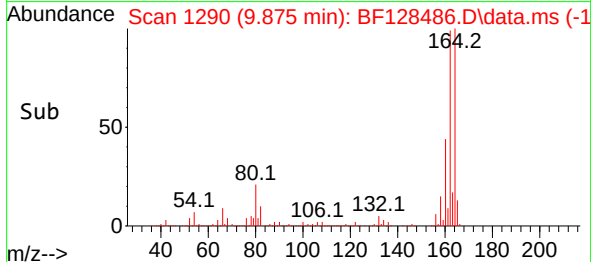
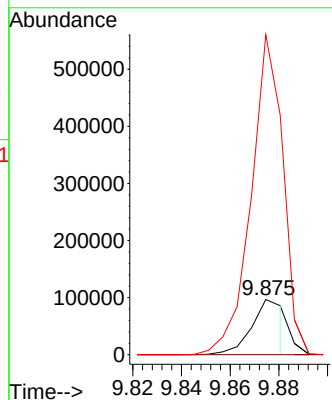
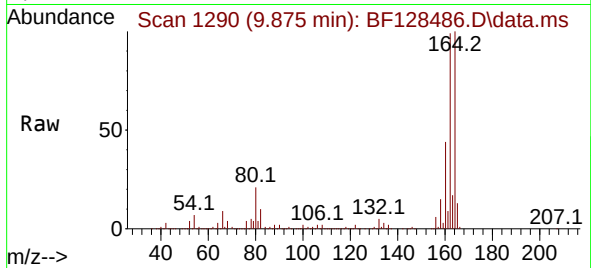




#50
Dimethylphthalate
Concen: 2.662 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

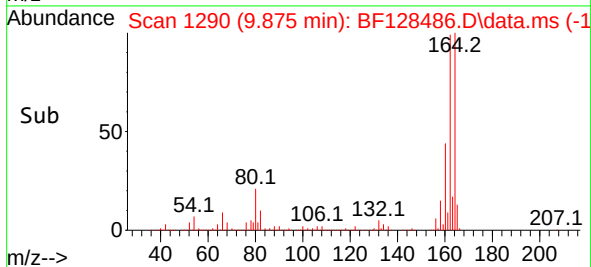
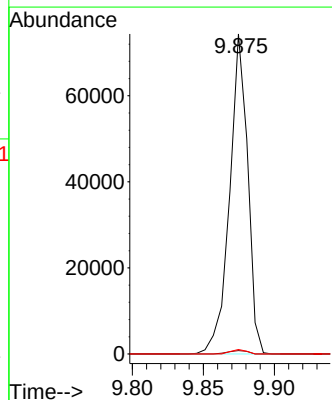
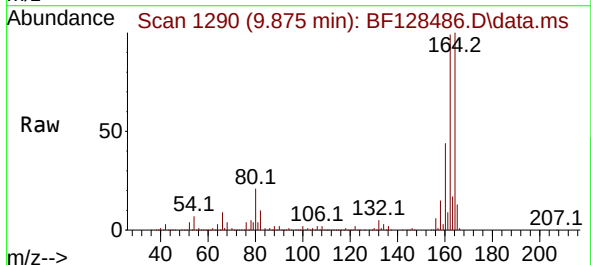
Instrument :
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PB145086BL

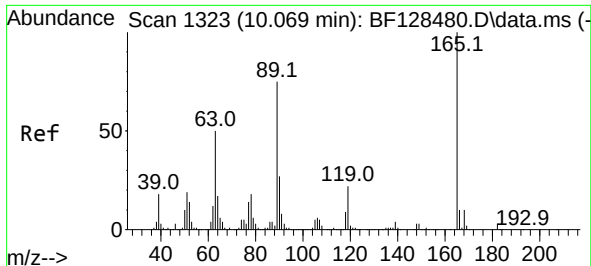
Tgt Ion:163 Resp: 88088
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 579.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.841 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

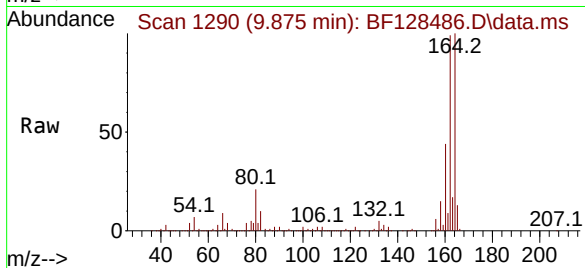
Tgt Ion:165 Resp: 65747
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.4 43.6 65.4#



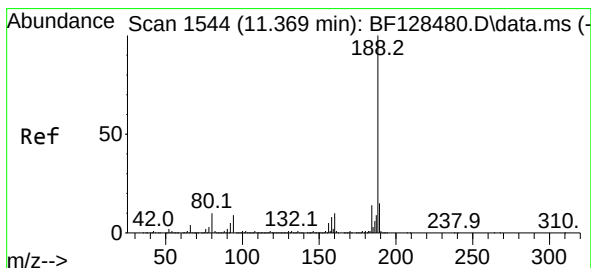
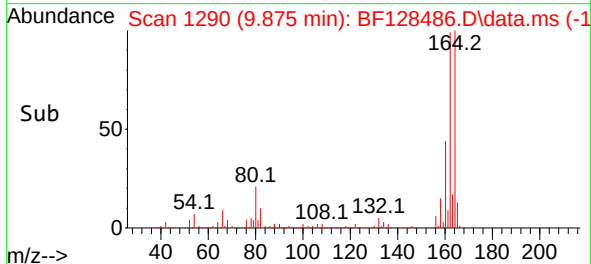
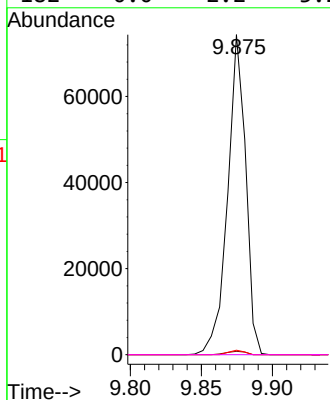


#57
2,4-Dinitrotoluene
Concen: 9.061 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Instrument :
BNA_F
ClientSampleId :
PB145086BL

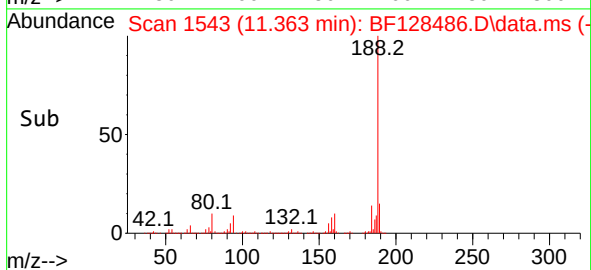
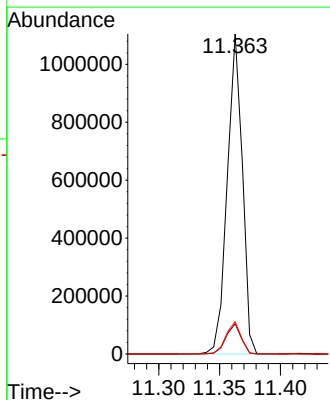
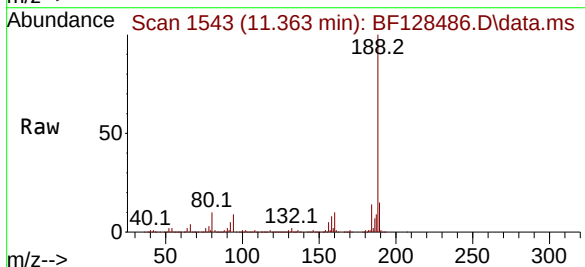


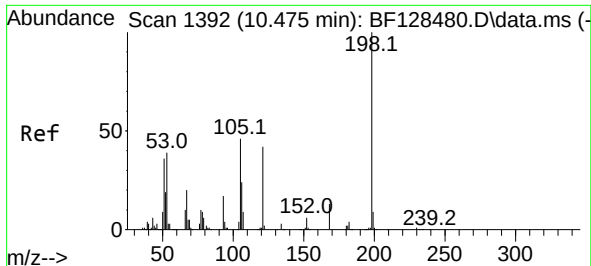
Tgt Ion:165 Resp: 65747
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Tgt Ion:188 Resp: 953321
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.0 7.6 11.4

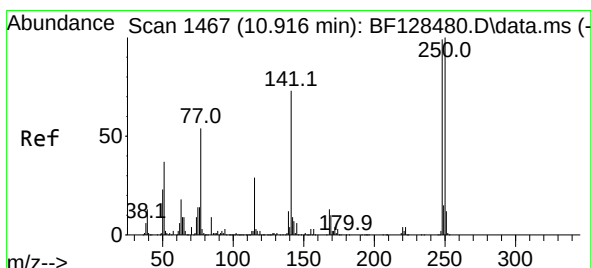
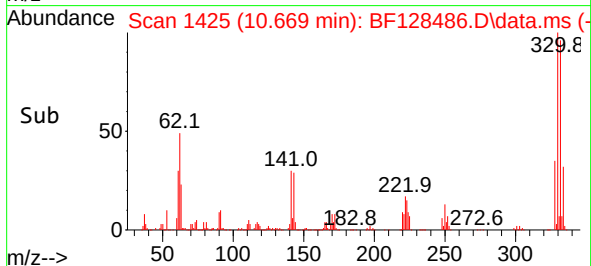
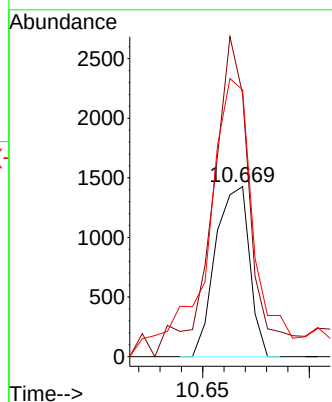
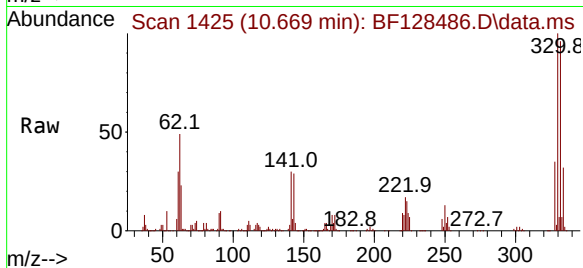




#65
4,6-Dinitro-2-methylphenol
Concen: 5.820 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

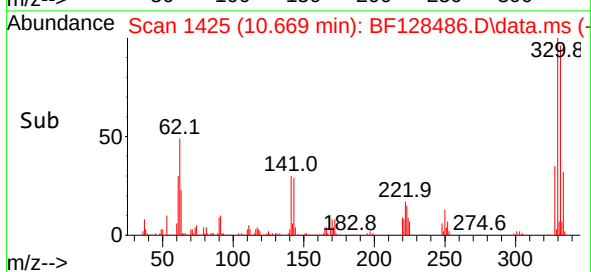
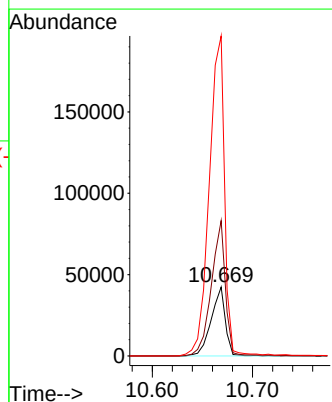
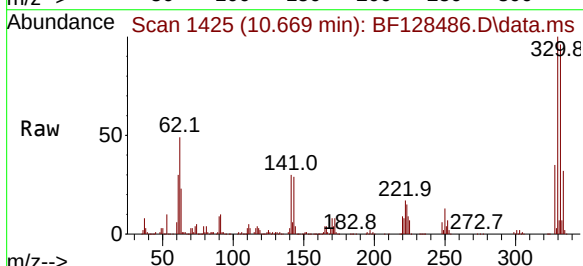
Instrument :
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ClientSampleId :
PB145086BL

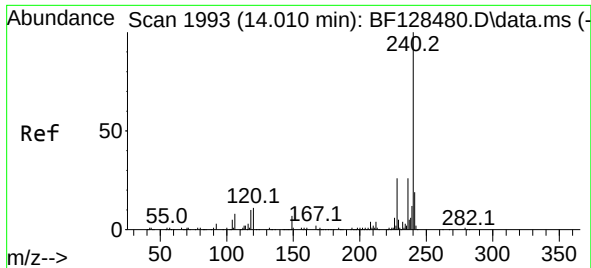
Tgt Ion:198 Resp: 1582
Ion Ratio Lower Upper
198 100
51 154.4 37.6 77.6#
105 157.0 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

Tgt Ion:248 Resp: 41446
Ion Ratio Lower Upper
248 100
250 196.2 80.6 120.8#
141 463.8 58.9 88.3#

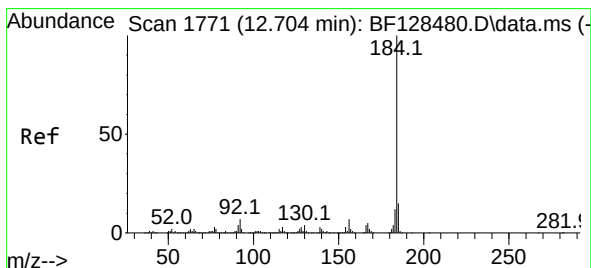
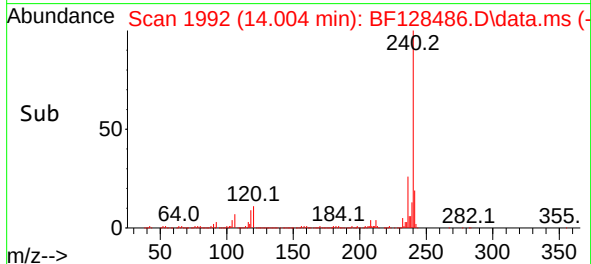
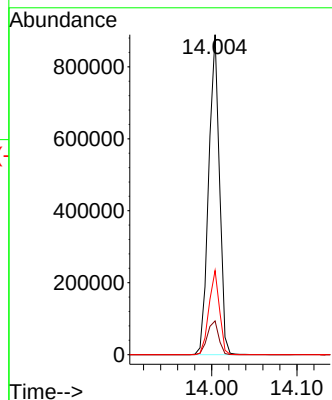
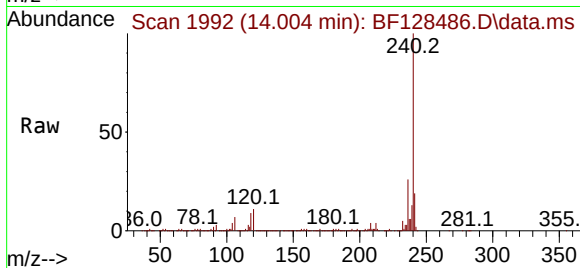




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

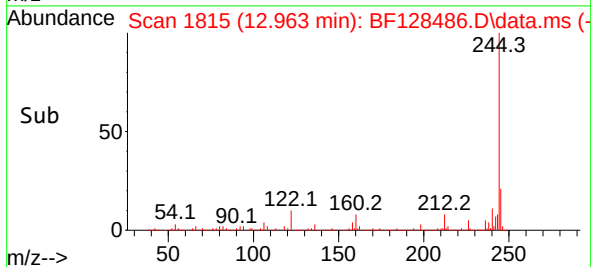
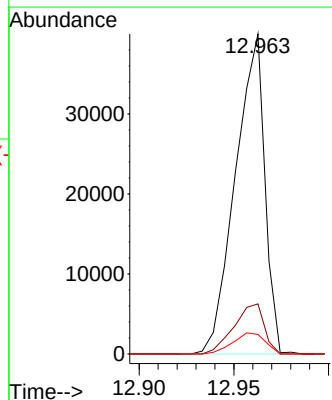
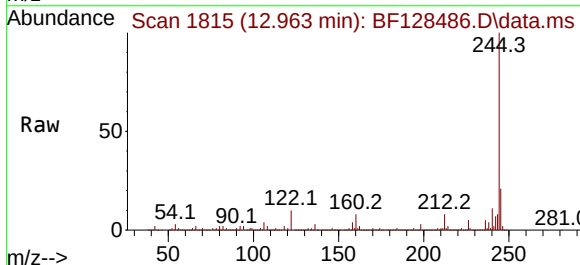
Instrument :
BNA_F
ClientSampleId :
PB145086BL

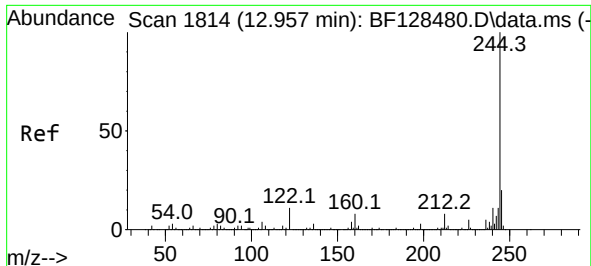
Tgt Ion:240 Resp: 779522
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.393 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128486.D
Acq: 26 May 2022 21:56

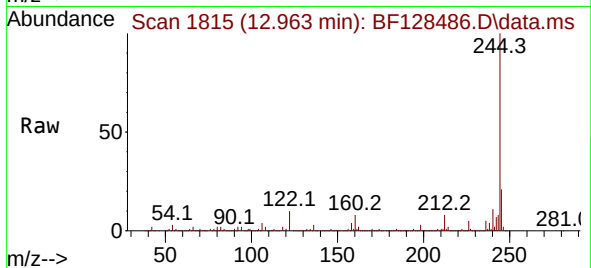
Tgt Ion:184 Resp: 43031
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 6.1 9.3 13.9#





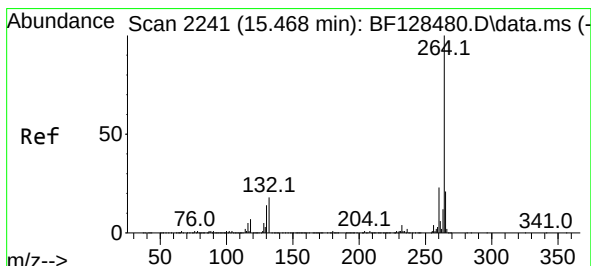
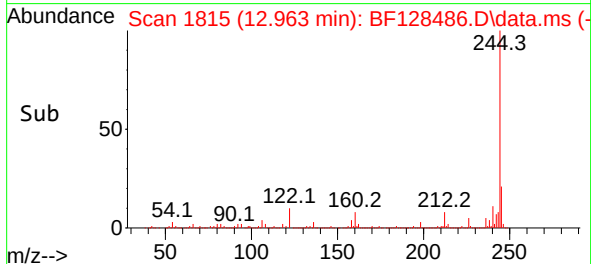
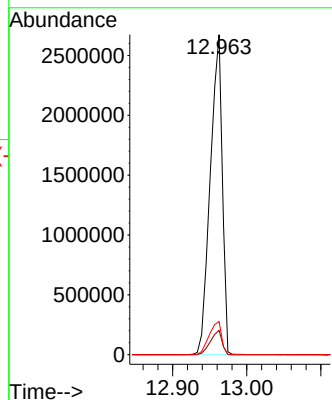
#79
 Terphenyl-d14
 Concen: 74.572 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128486.D
 Acq: 26 May 2022 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB145086BL



Tgt Ion:244 Resp: 3008888

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.3	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128486.D
 Acq: 26 May 2022 21:56

Tgt Ion:264 Resp: 653177

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.5	17.2	25.8

