

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128490.D
 Acq On : 26 May 2022 23:54
 Operator : CG\JU
 Sample : PB145002BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145002BL

Quant Time: May 27 04:25:34 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)

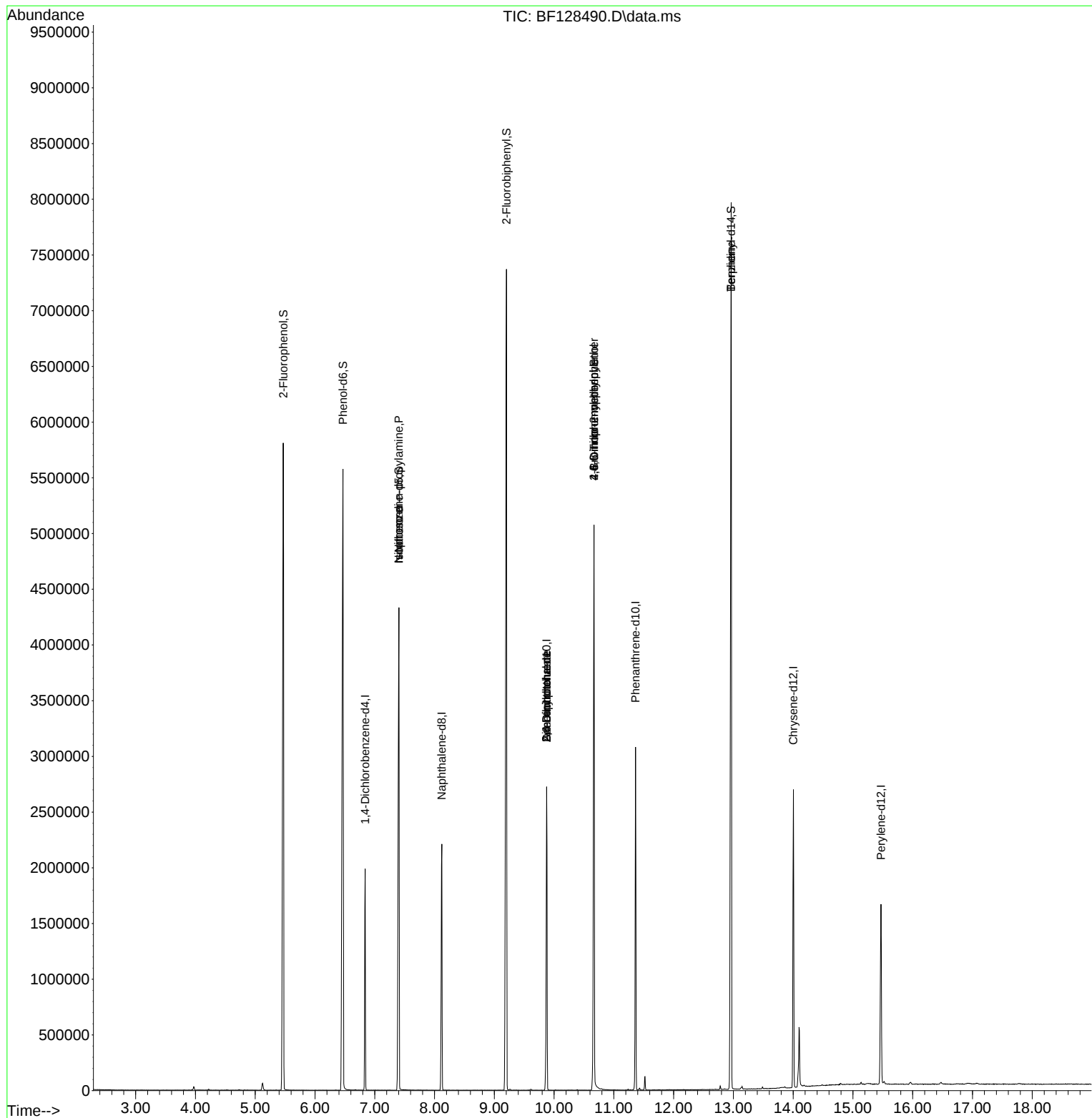
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	270828	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1081615	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	613888	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	1117952	20.000	ng	0.00
76) Chrysene-d12	14.004	240	889540	20.000	ng	0.00
86) Perylene-d12	15.468	264	737928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1996747	122.123	ng	0.02
7) Phenol-d6	6.469	99	2508109	120.309	ng	0.00
23) Nitrobenzene-d5	7.404	82	1715550	91.499	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	713193	122.056	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	3066679	81.159	ng	0.00
79) Terphenyl-d14	12.963	244	3391638	73.662	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	4641	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	235362	18.413	ng	# 78
25) Isophorone	7.404	82	1704553	49.282	ng	# 65
50) Dimethylphthalate	9.875	163	102853	2.583	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	77672	10.643	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	77672	8.896	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1912	5.830	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	47042	4.073	ng	# 1
77) Benzidine	12.963	184	47551	2.318	ng	# 95

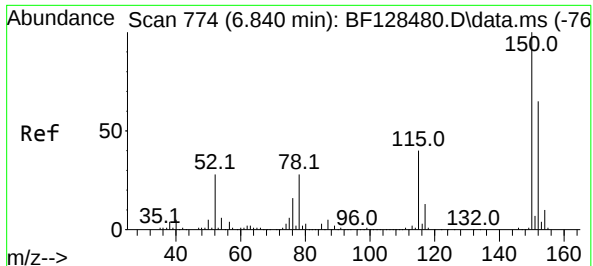
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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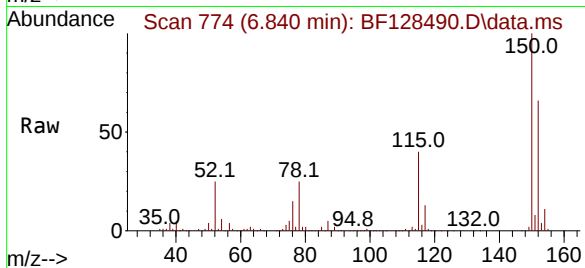
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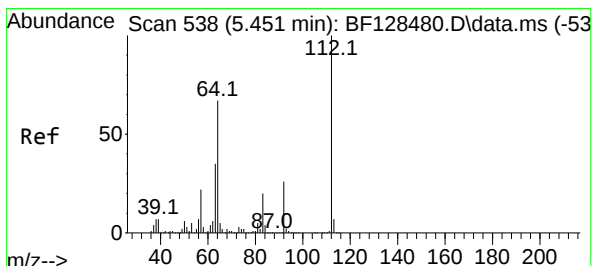
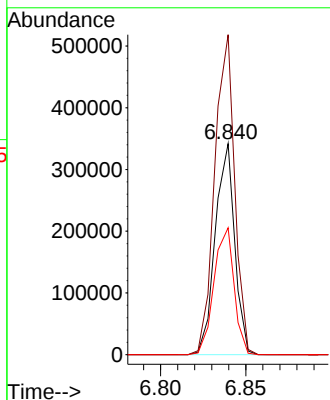
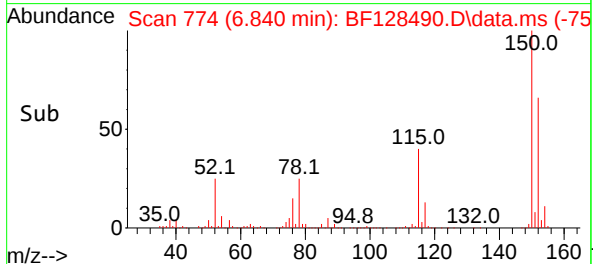


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

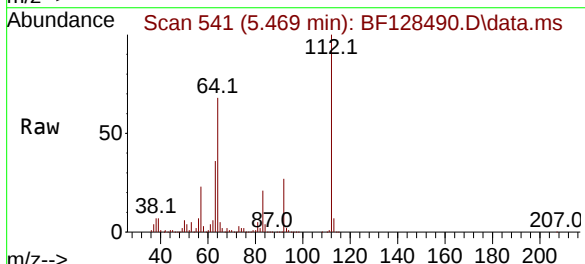
Instrument :
BNA_F
ClientSampleId :
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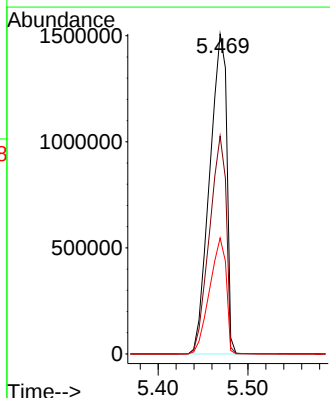
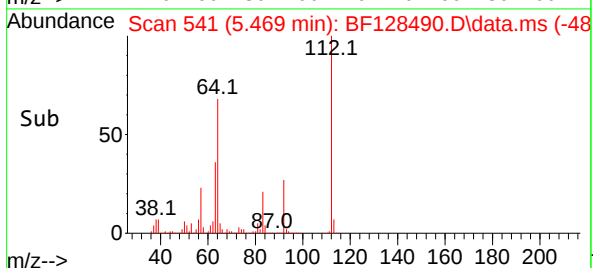
Tgt Ion:152 Resp: 270828
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 60.1 49.9 74.9

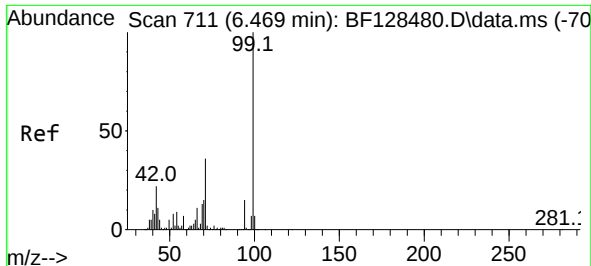


#5
2-Fluorophenol
Concen: 122.123 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54



Tgt Ion:112 Resp: 1996747
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 36.3 28.0 42.0

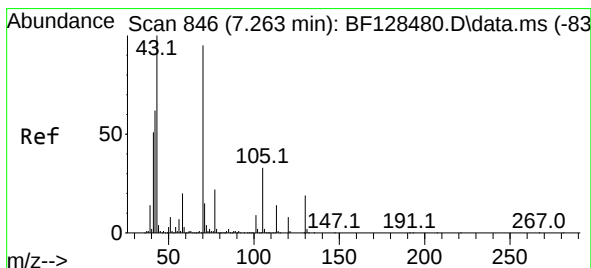
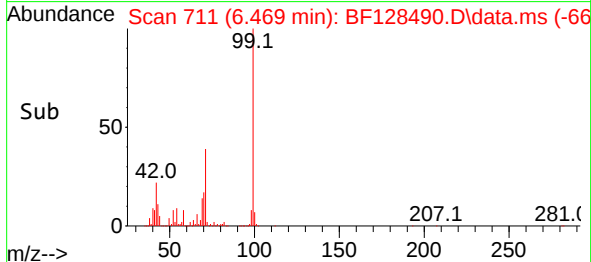
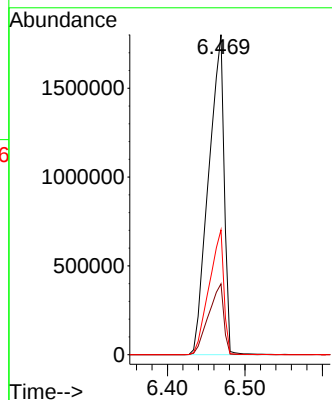
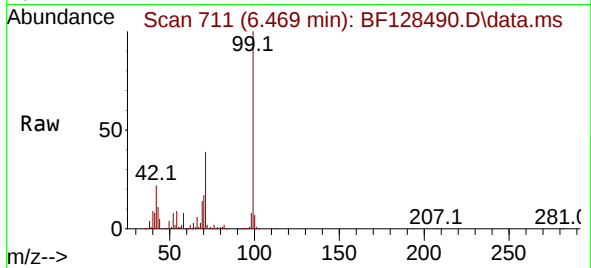




#7
Phenol-d6
Concen: 120.309 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

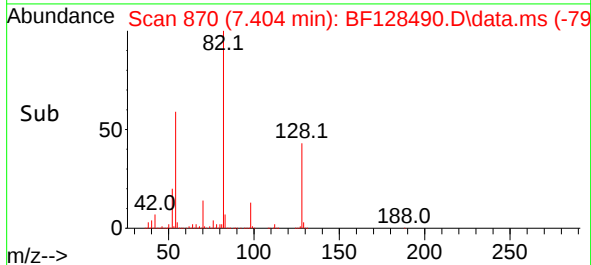
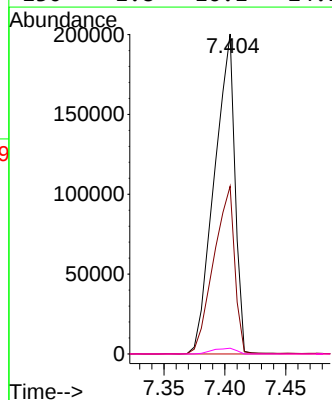
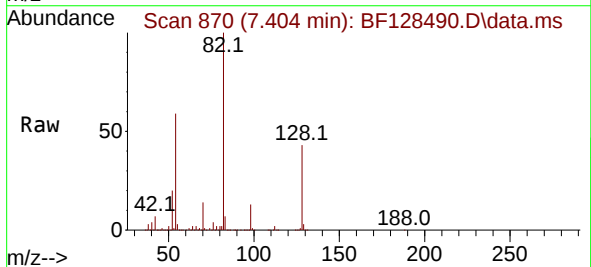
Instrument :
BNA_F
ClientSampleId :
PB145002BL

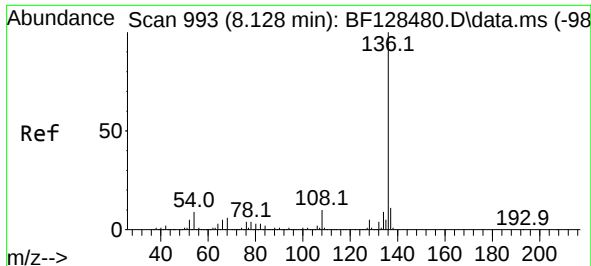
Tgt Ion: 99 Resp: 2508109
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 39.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.413 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion: 70 Resp: 235362
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

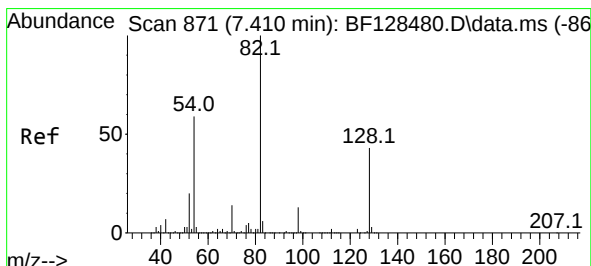
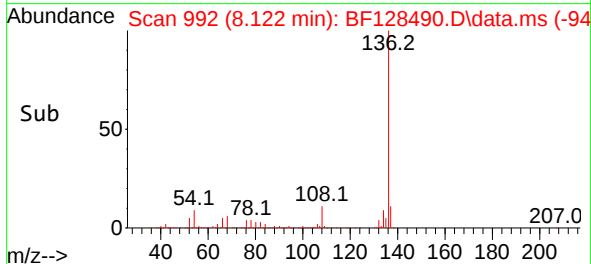
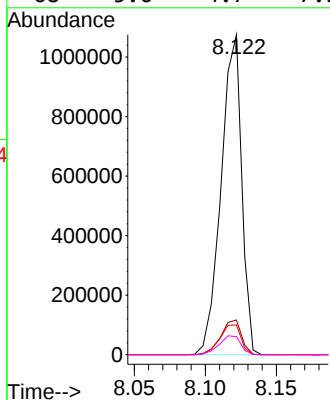
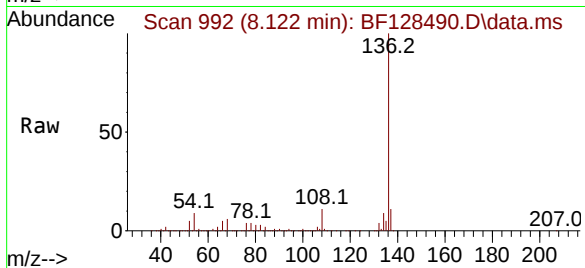




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

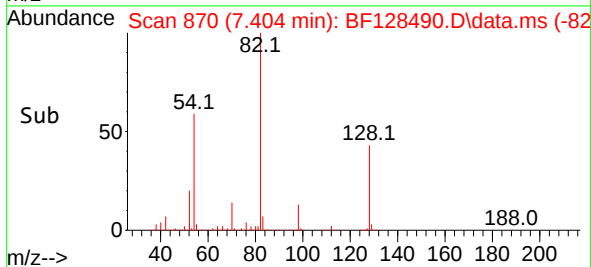
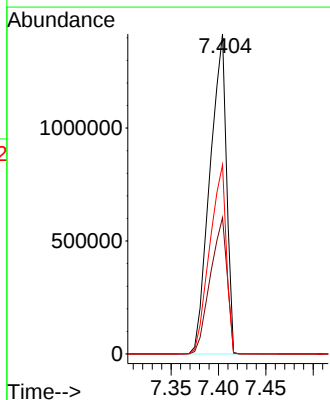
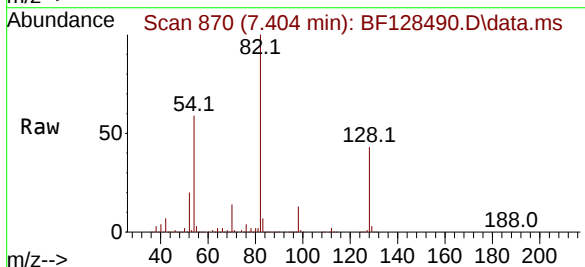
Instrument :
BNA_F
ClientSampleId :
PB145002BL

Tgt Ion:136 Resp: 1081615
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 7.5 11.3
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 91.499 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion: 82 Resp: 1715550
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 59.1 46.9 70.3

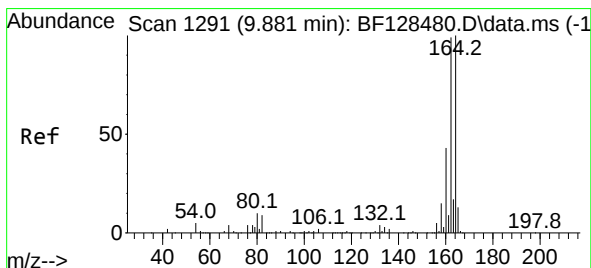
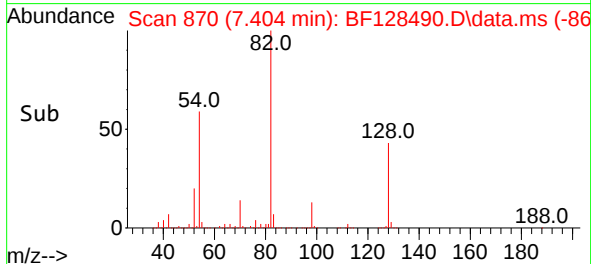
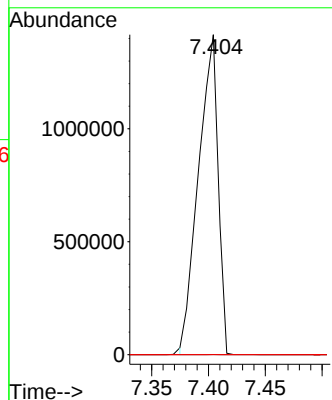
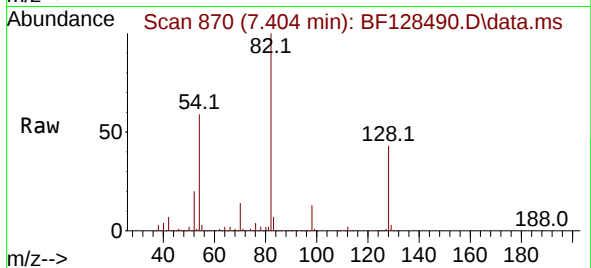




#25
Isophorone
Concen: 49.282 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

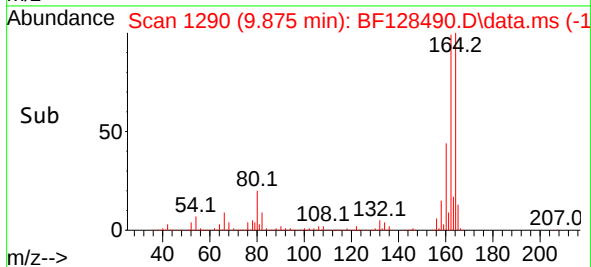
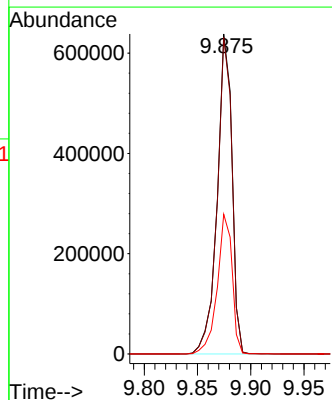
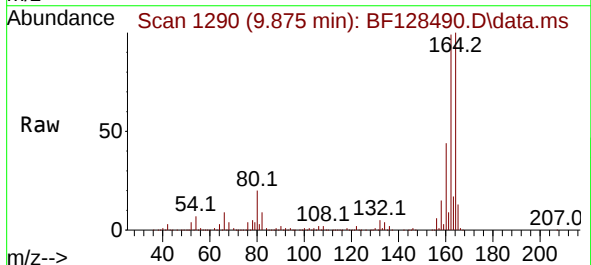
Instrument :
BNA_F
ClientSampleId :
PB145002BL

Tgt Ion: 82 Resp: 1704553
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: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:164 Resp: 613888
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 43.6 34.2 51.4

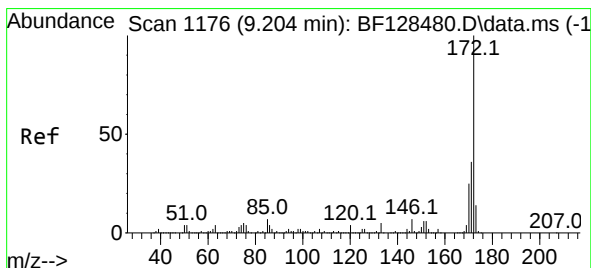
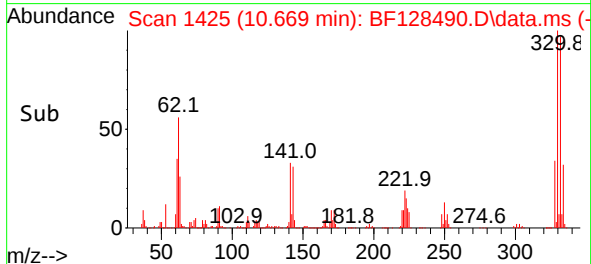
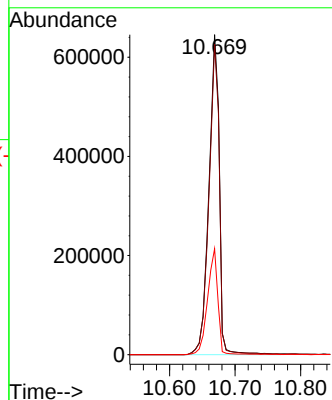
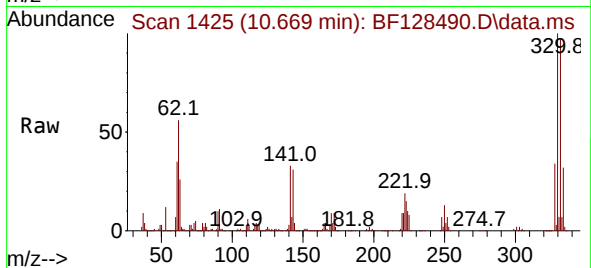




#42
2,4,6-Tribromophenol
Concen: 122.056 ng
RT: 10.669 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

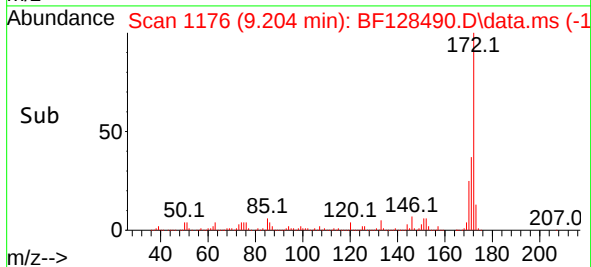
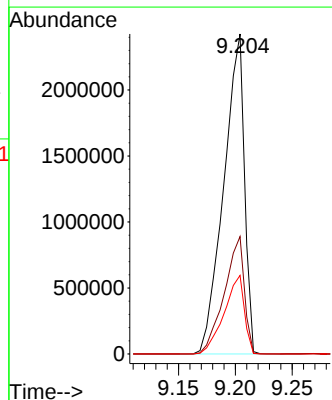
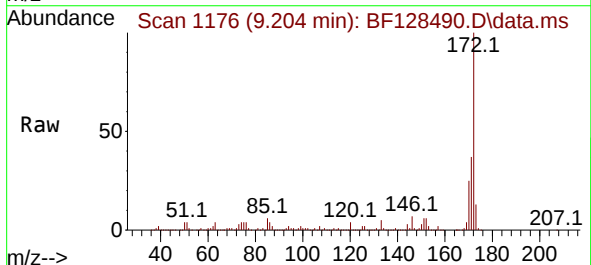
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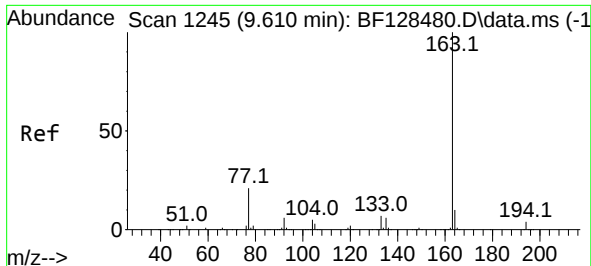
Tgt Ion:330 Resp: 713193
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 32.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.159 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:172 Resp: 3066679
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.5 19.8 29.8

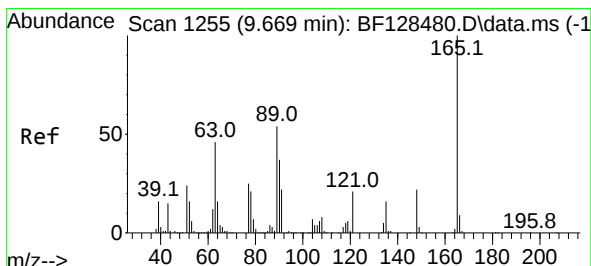
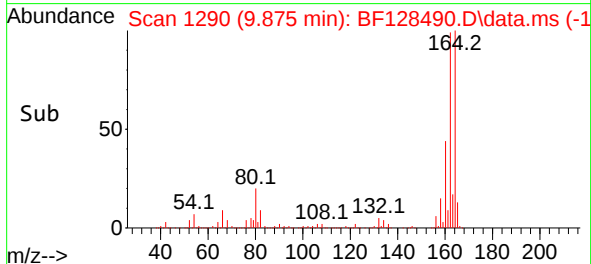
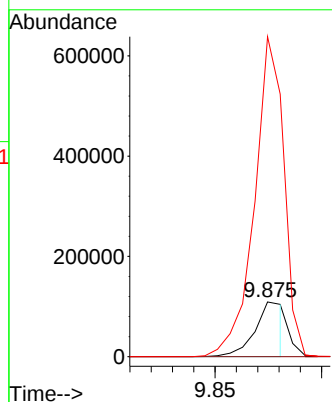
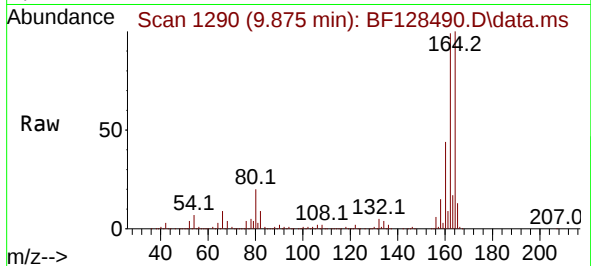




#50
Dimethylphthalate
Concen: 2.583 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

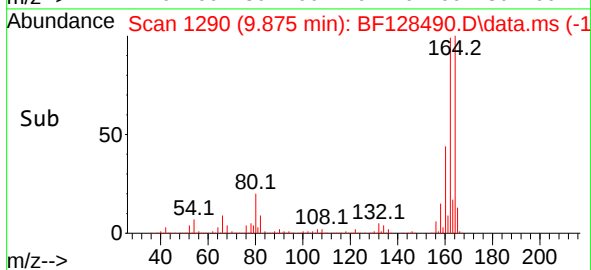
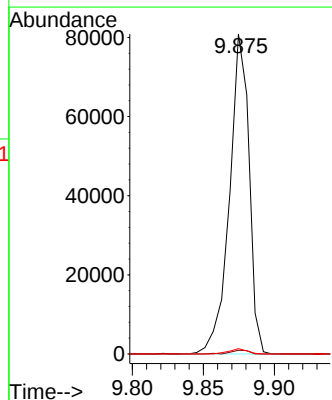
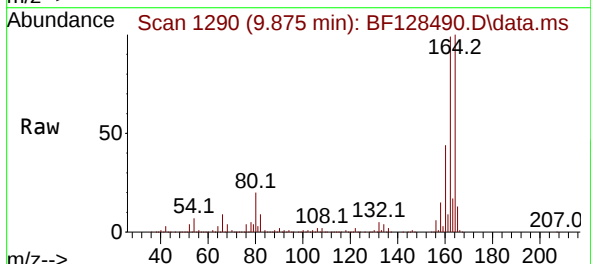
Instrument :
BNA_F
ClientSampleId :
PB145002BL

Tgt Ion:163 Resp: 102853
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 584.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.643 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:165 Resp: 77672
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.7 43.6 65.4#

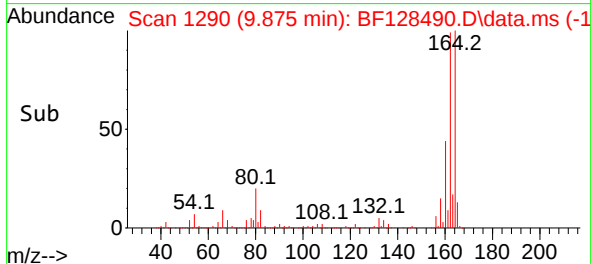
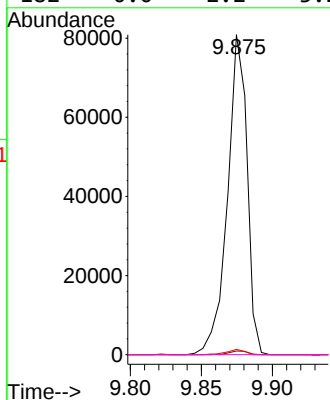
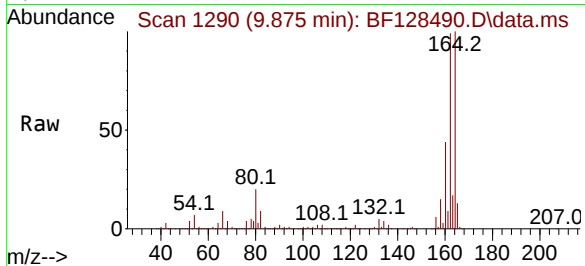




#57
2,4-Dinitrotoluene
Concen: 8.896 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

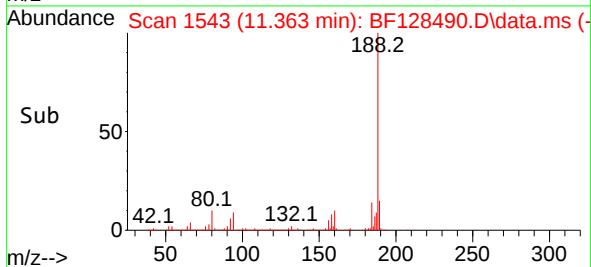
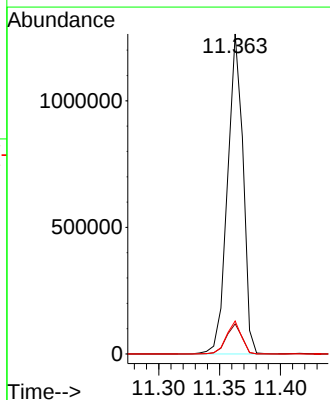
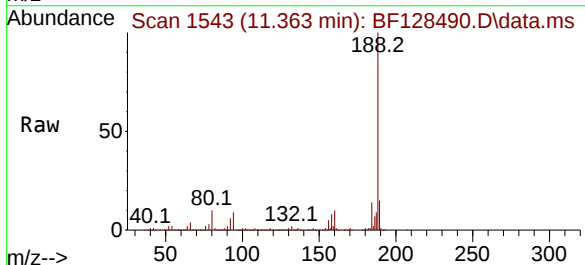
Instrument :
BNA_F
ClientSampleId :
PB145002BL

Tgt Ion:165 Resp: 77672
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.7 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: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:188 Resp: 1117952
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4

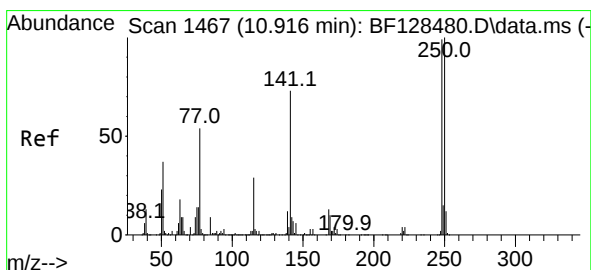
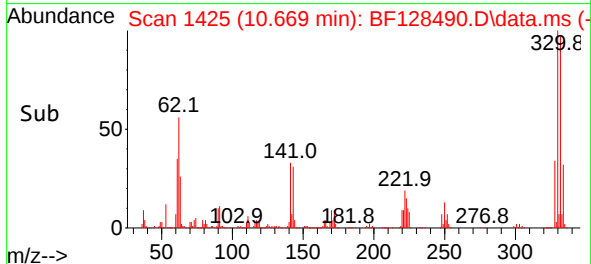
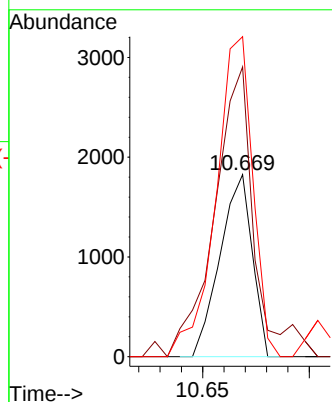
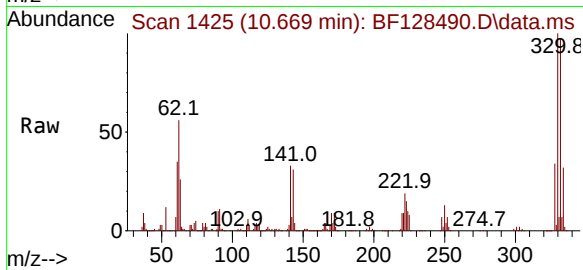




#65
4,6-Dinitro-2-methylphenol
Concen: 5.830 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

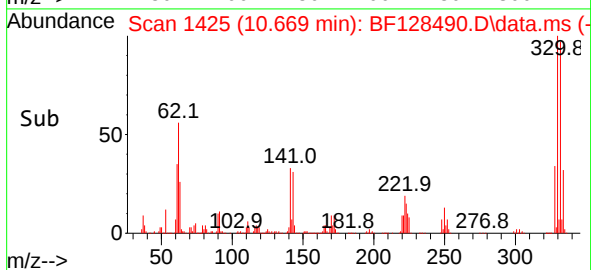
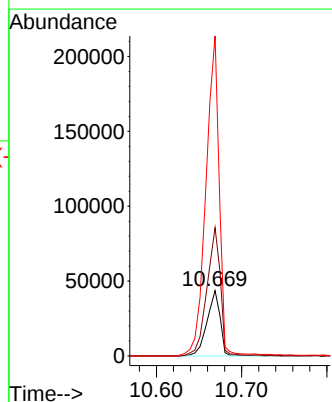
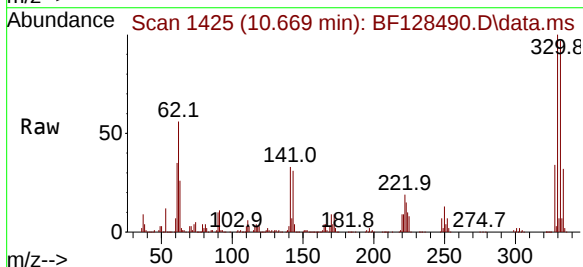
Instrument :
BNA_F
ClientSampleId :
PB145002BL

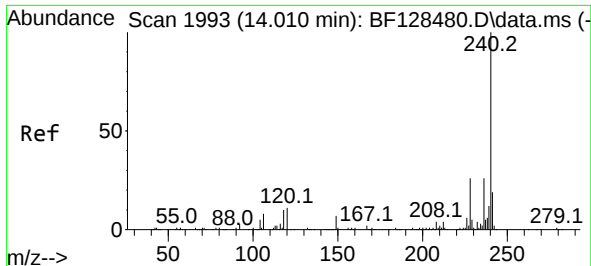
Tgt Ion:198 Resp: 1912
Ion Ratio Lower Upper
198 100
51 159.1 37.6 77.6#
105 175.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.073 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

Tgt Ion:248 Resp: 47042
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 490.3 58.9 88.3#

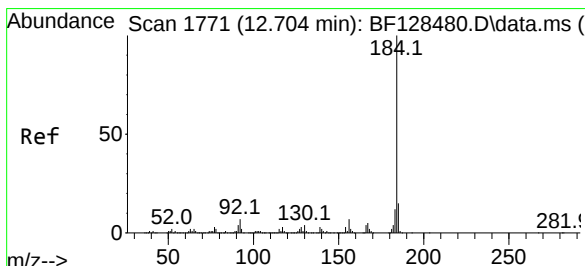
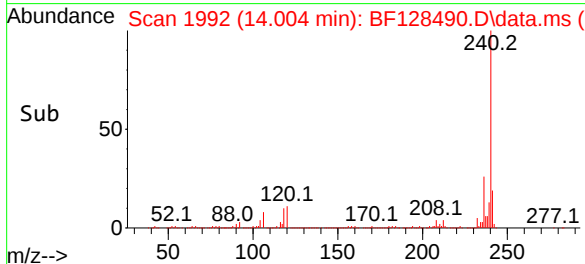
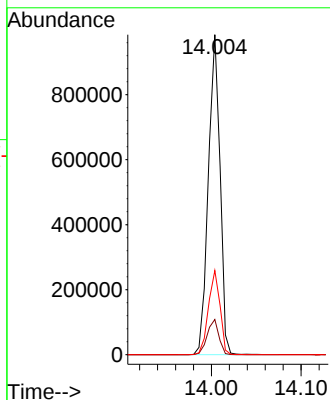
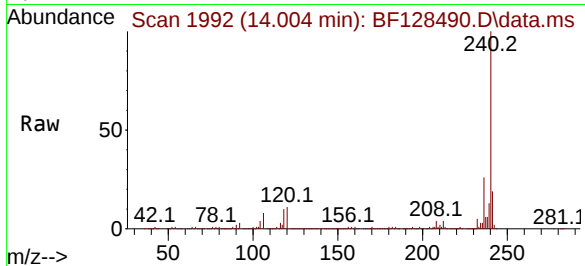




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

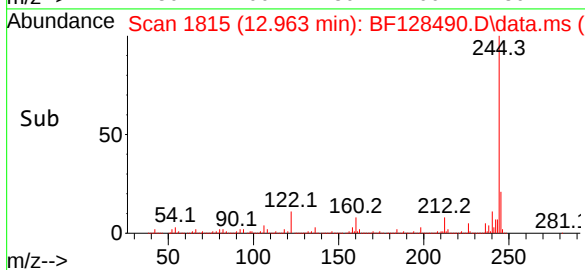
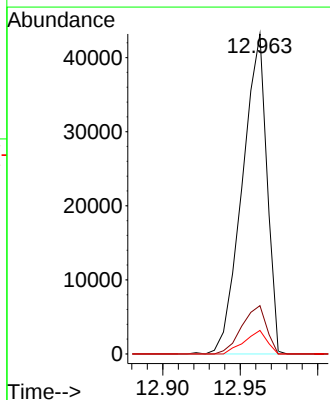
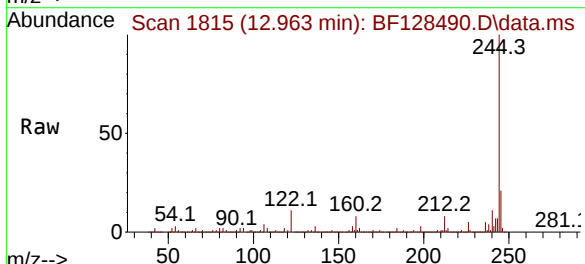
Instrument :
BNA_F
ClientSampleId :
PB145002BL

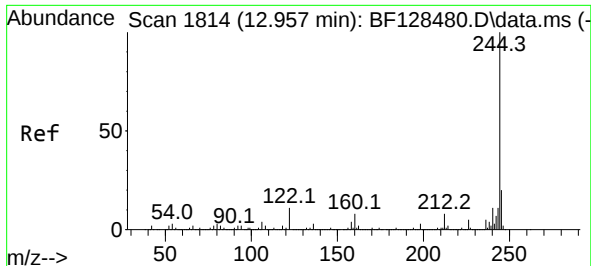
Tgt Ion:240 Resp: 889540
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 20.8 31.2



#77
Benidine
Concen: 2.318 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128490.D
Acq: 26 May 2022 23:54

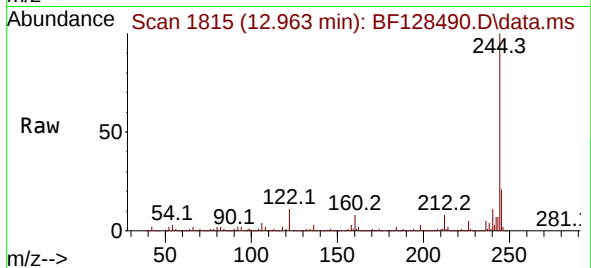
Tgt Ion:184 Resp: 47551
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 7.4 9.3 13.9#



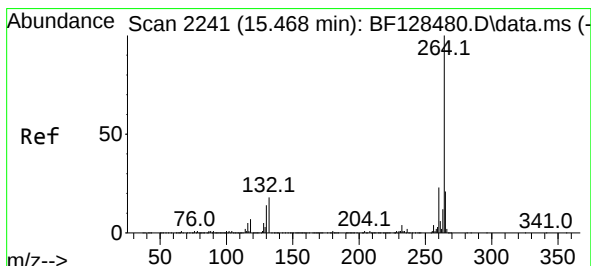
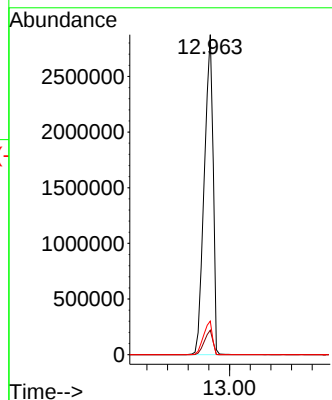
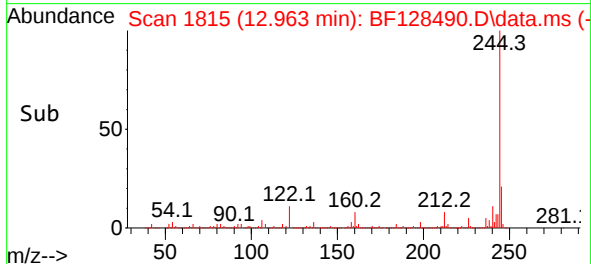


#79
 Terphenyl-d14
 Concen: 73.662 ng
 RT: 12.963 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: BF128490.D
 Acq: 26 May 2022 23:54

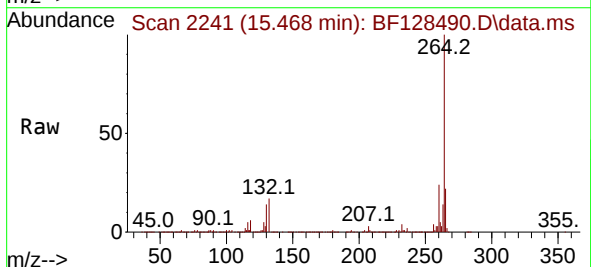
Instrument :
 BNA_F
 ClientSampleId :
 PB145002BL



Tgt Ion:244 Resp: 3391638
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.5 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: BF128490.D
 Acq: 26 May 2022 23:54



Tgt Ion:264 Resp: 737928
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.4 17.2 25.8

