

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128488.D
 Acq On : 26 May 2022 22:55
 Operator : CG\JU
 Sample : PB145123BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145123BL

Quant Time: May 27 04:25:17 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)

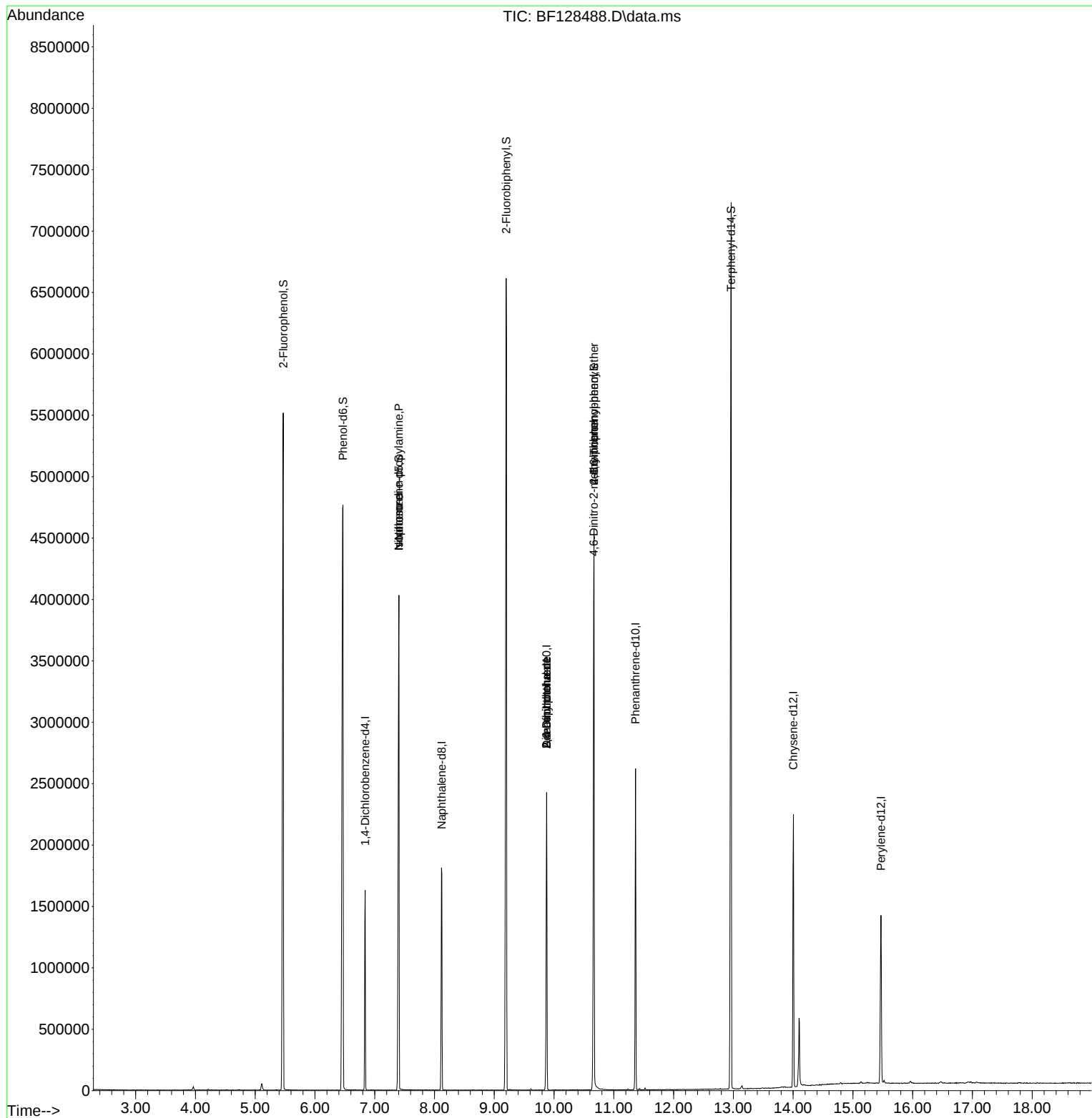
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	227822	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	894347	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	504277	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	935330	20.000	ng	0.00
76) Chrysene-d12	14.004	240	744988	20.000	ng	0.00
86) Perylene-d12	15.468	264	625946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1717080	124.842	ng	0.02
7) Phenol-d6	6.469	99	2199822	125.440	ng	0.00
23) Nitrobenzene-d5	7.404	82	1460958	94.236	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	612289	127.564	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2654781	85.530	ng	0.00
79) Terphenyl-d14	12.963	244	2897112	75.130	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	131	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	199199	18.526	ng	# 78
25) Isophorone	7.404	82	1453159	50.811	ng	# 65
50) Dimethylphthalate	9.875	163	89905	2.749	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	65886	10.990	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	65886	9.186	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1475	5.804	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	40999	4.243	ng	# 1

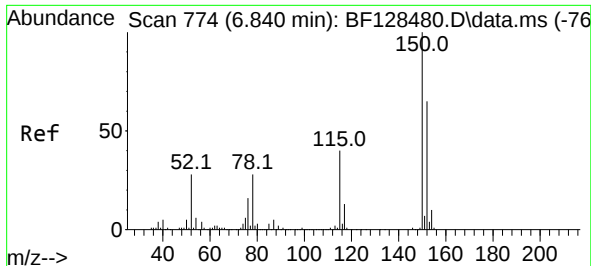
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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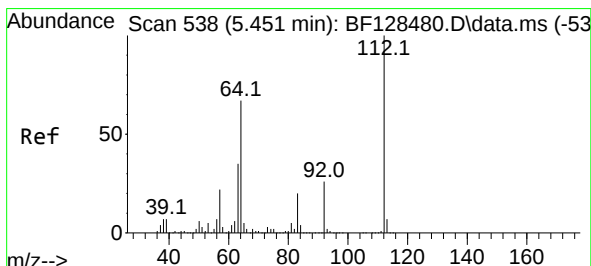
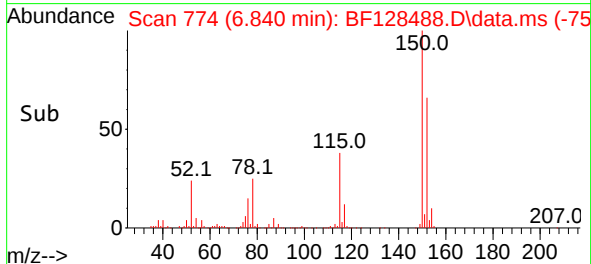
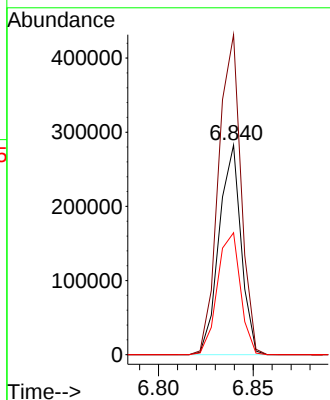
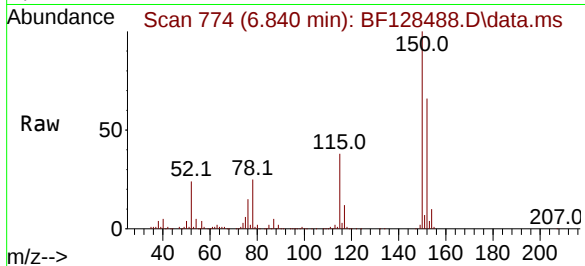




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

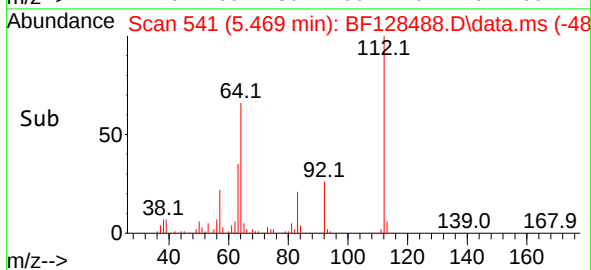
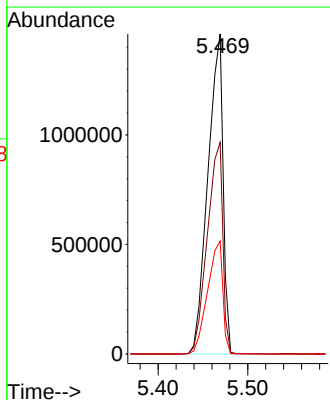
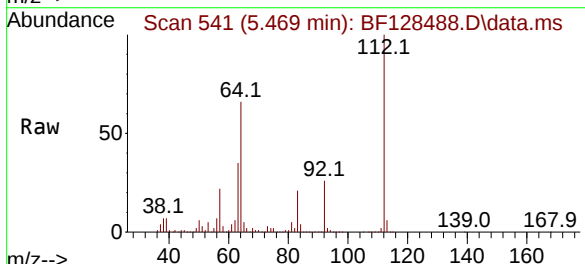
Instrument :
BNA_F
ClientSampleId :
PB145123BL

Tgt Ion:152 Resp: 227822
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 124.842 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:112 Resp: 1717080
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 35.3 28.0 42.0



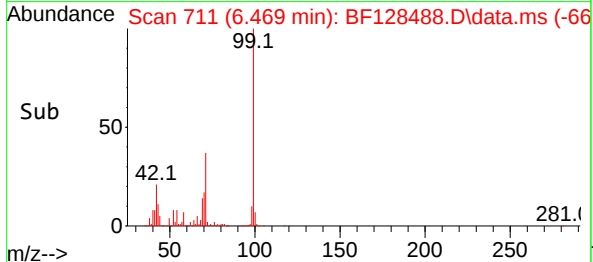
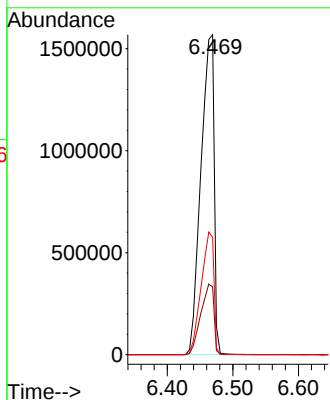
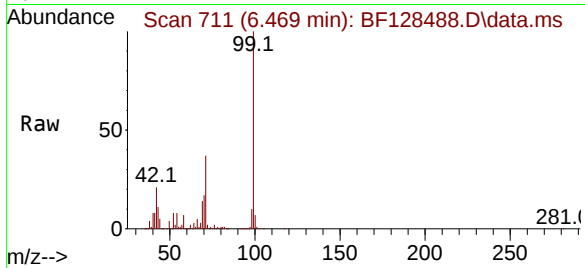


#7
Phenol-d6
Concen: 125.440 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Instrument :
BNA_F
ClientSampleId :
PB145123BL

Tgt Ion: 99 Resp: 2199822

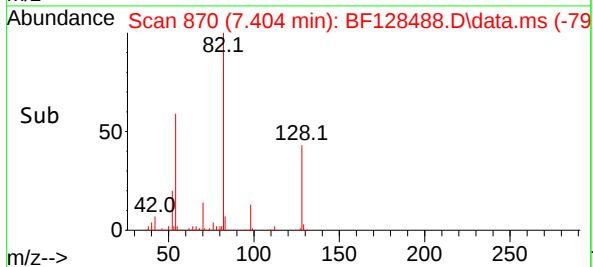
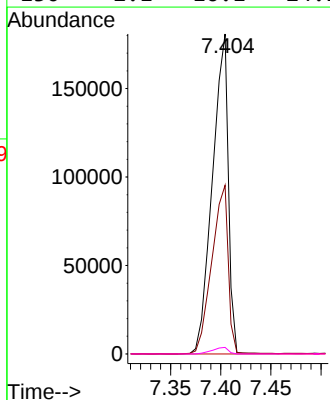
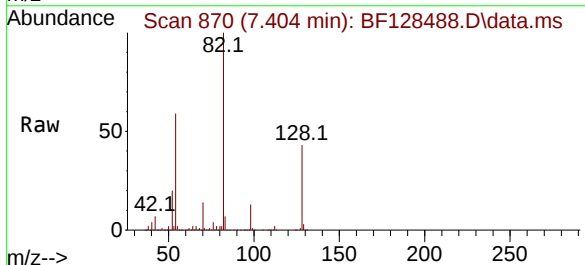
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.3	25.9
71	36.7	28.9	43.3

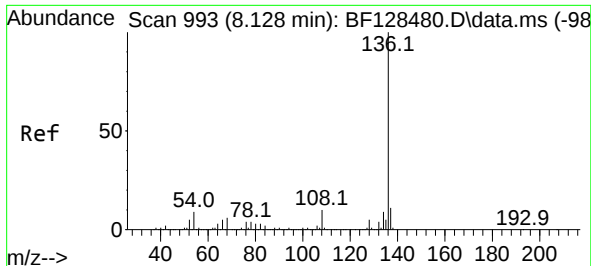


#19
n-Nitroso-di-n-propylamine
Concen: 18.526 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion: 70 Resp: 199199

Ion	Ratio	Lower	Upper
70	100		
42	52.7	52.3	78.5
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#



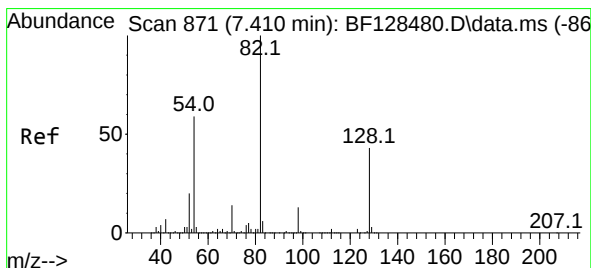
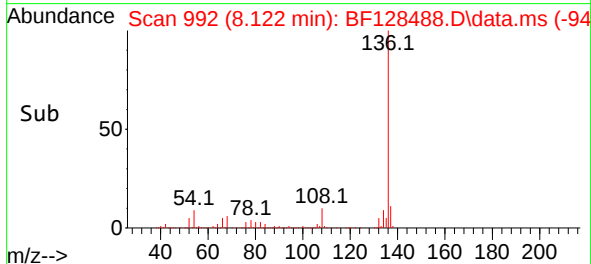
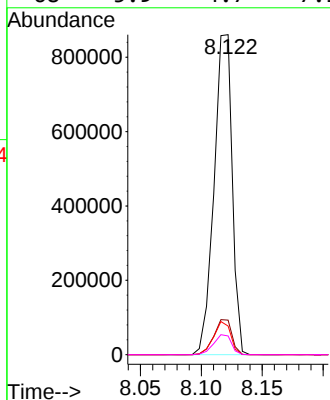
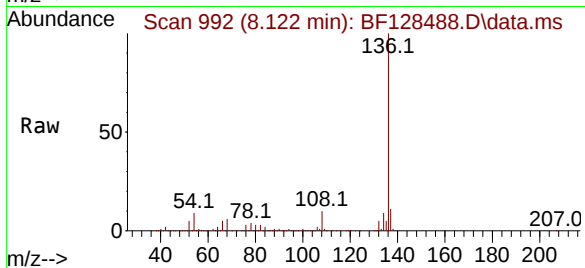


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Instrument :
BNA_F
ClientSampleId :
PB145123BL

Tgt Ion:136 Resp: 894347

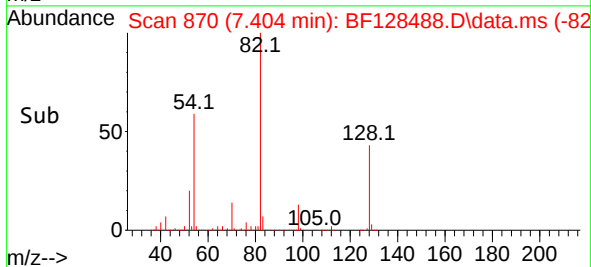
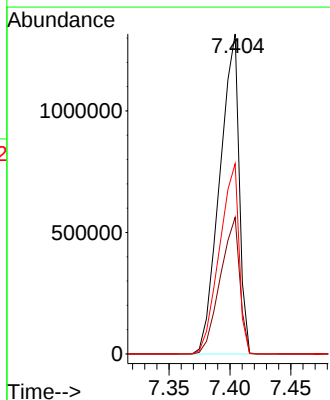
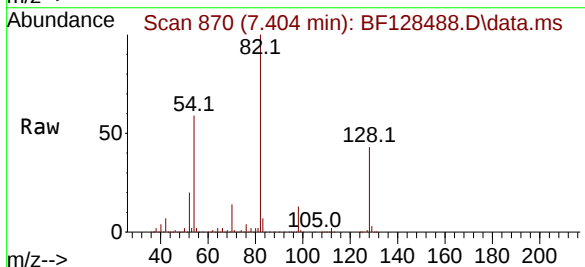
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.0	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 94.236 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion: 82 Resp: 1460958

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	59.5	46.9	70.3

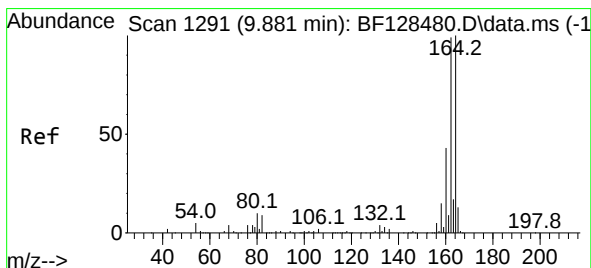
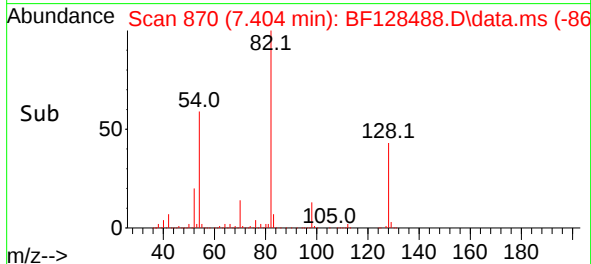
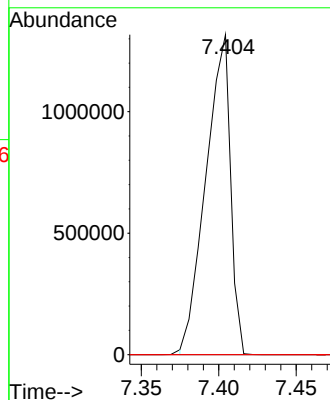
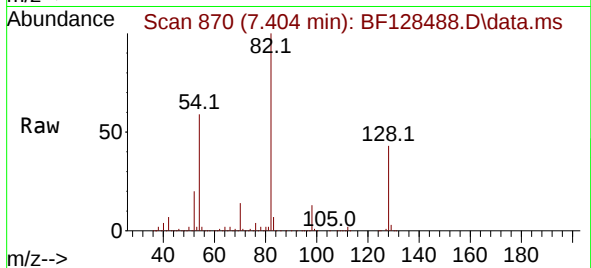




#25
Isophorone
Concen: 50.811 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

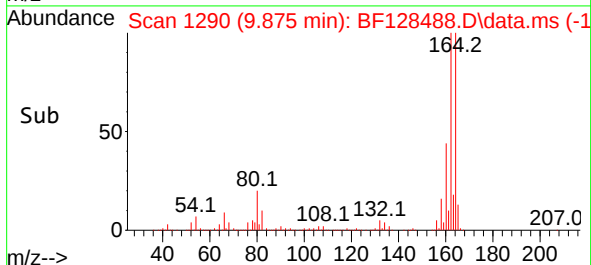
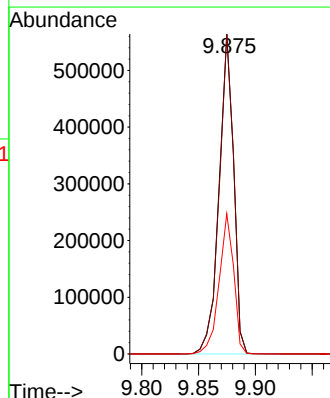
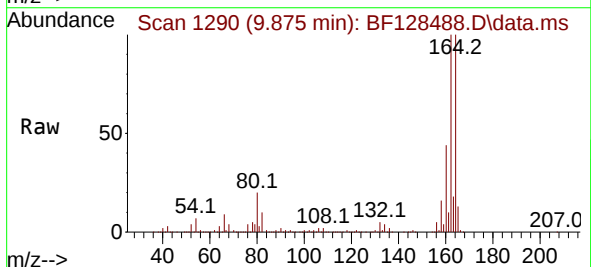
Instrument :
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ClientSampleId :
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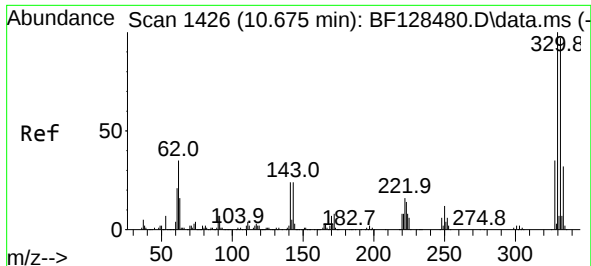
Tgt Ion: 82 Resp: 1453159
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:164 Resp: 504277
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 43.9 34.2 51.4

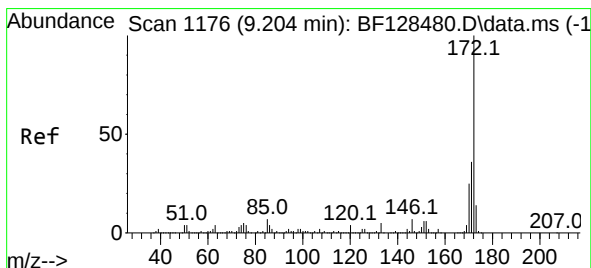
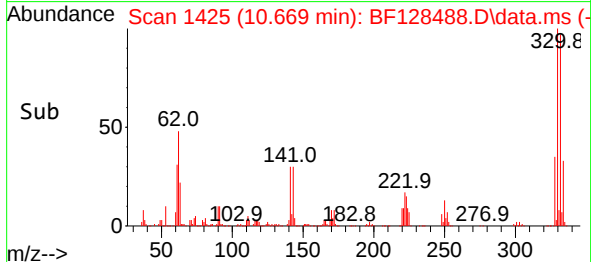
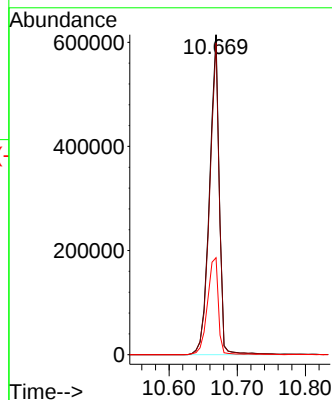
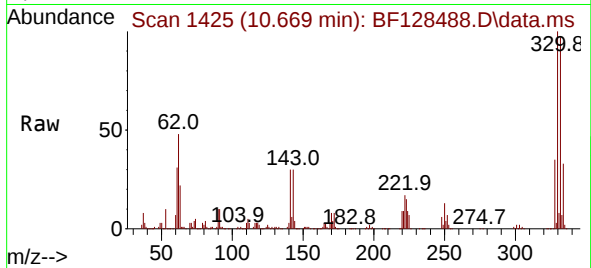




#42
2,4,6-Tribromophenol
Concen: 127.564 ng
RT: 10.669 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

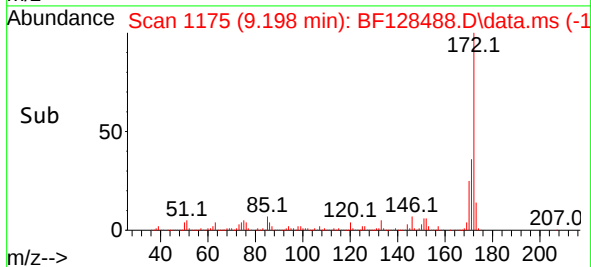
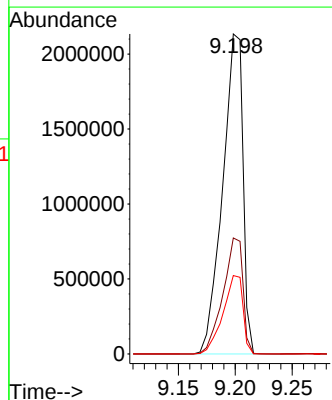
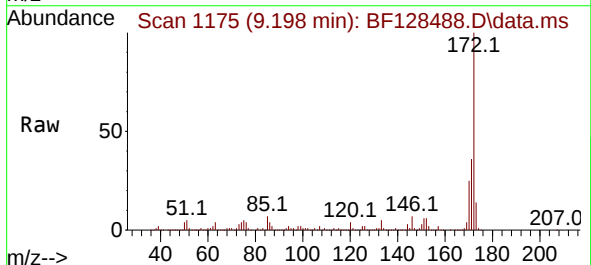
Instrument :
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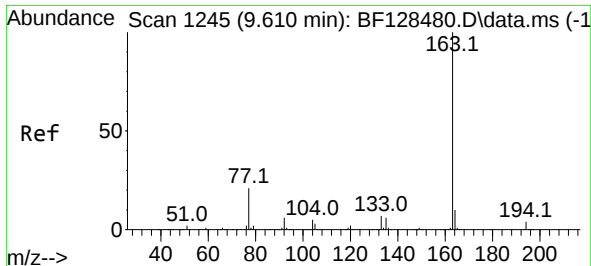
Tgt Ion:330 Resp: 612289
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 34.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.530 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:172 Resp: 2654781
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.5 19.8 29.8

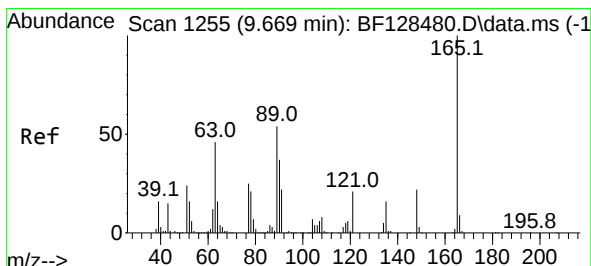
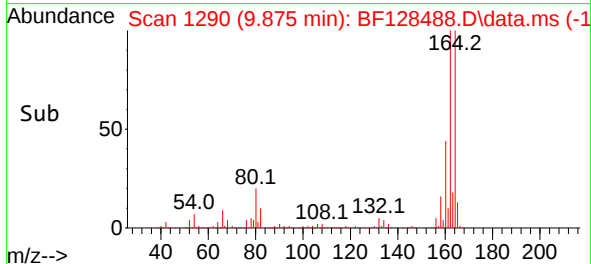
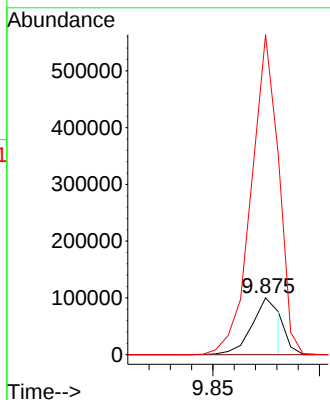
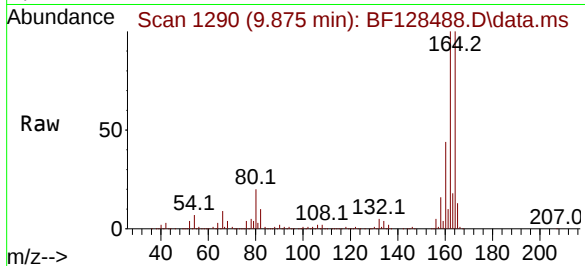




#50
Dimethylphthalate
Concen: 2.749 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

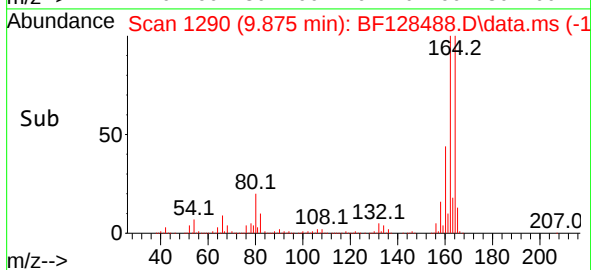
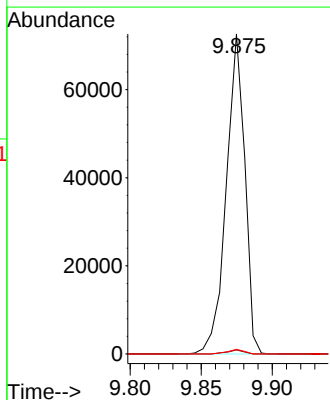
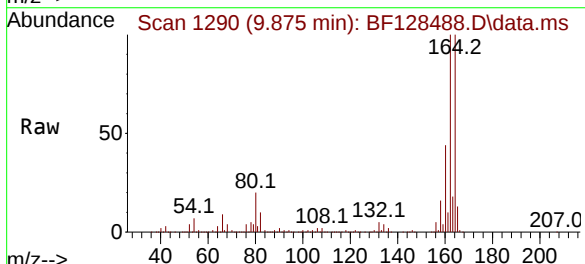
Instrument :
BNA_F
ClientSampleId :
PB145123BL

Tgt Ion:163 Resp: 89905
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 563.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.990 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:165 Resp: 65886
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#

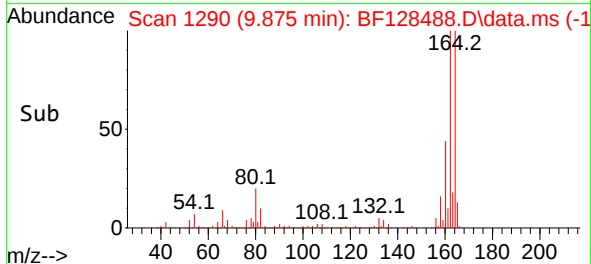
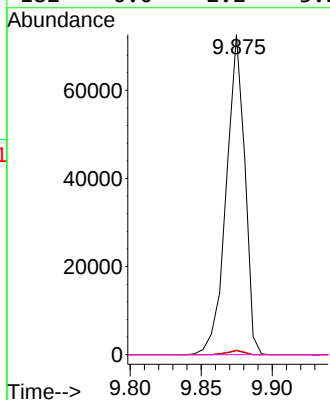
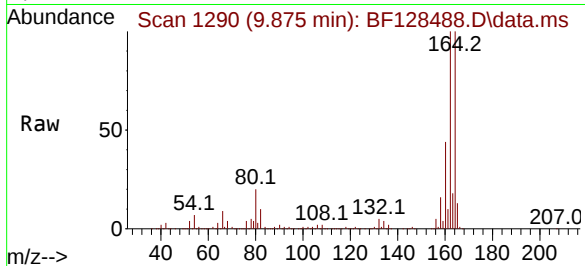




#57
2,4-Dinitrotoluene
Concen: 9.186 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

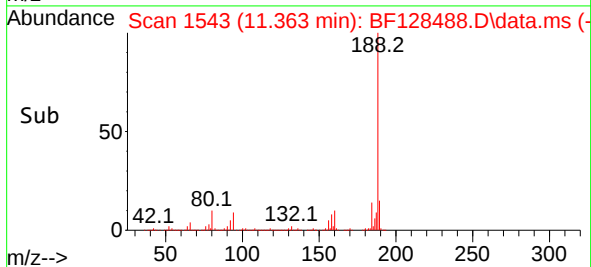
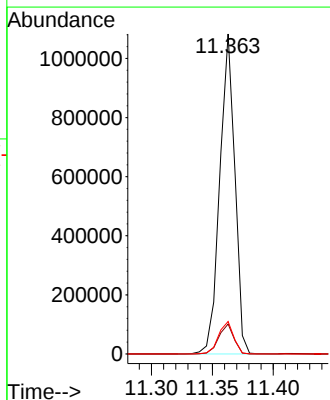
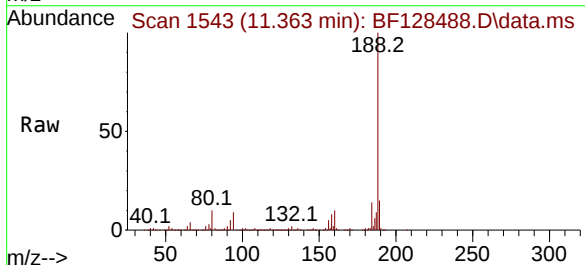
Instrument :
BNA_F
ClientSampleId :
PB145123BL

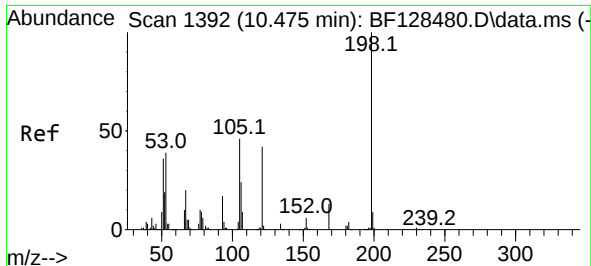
Tgt Ion:165 Resp: 65886
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:188 Resp: 935330
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 7.6 11.4

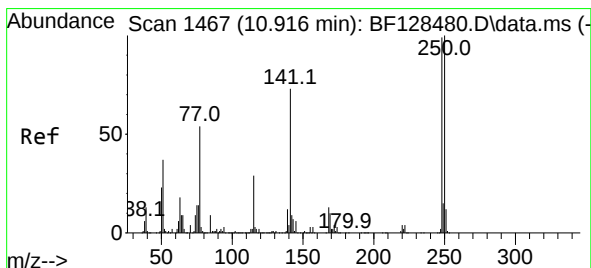
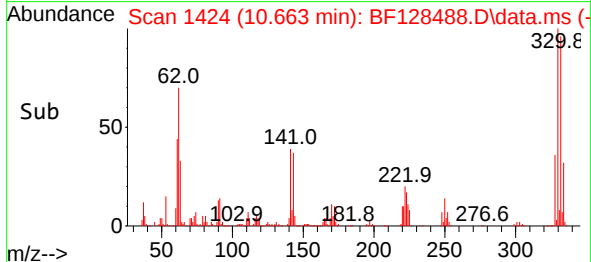
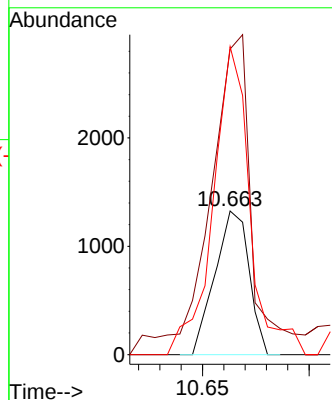
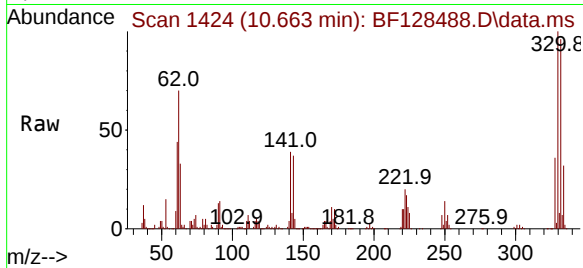




#65
4,6-Dinitro-2-methylphenol
Concen: 5.804 ng
RT: 10.663 min Scan# 1475
Delta R.T. 0.188 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

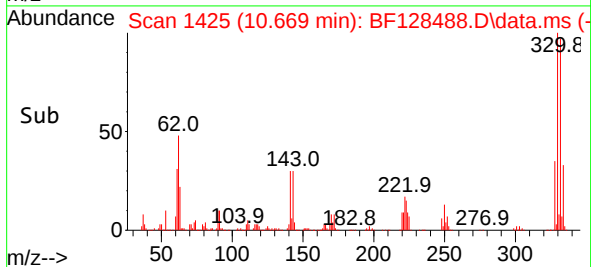
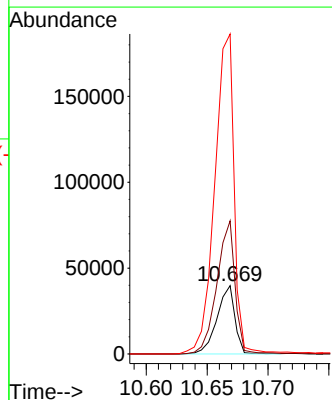
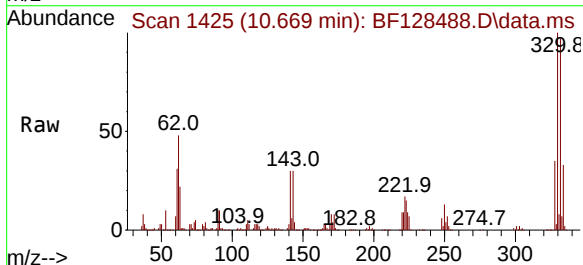
Instrument :
BNA_F
ClientSampleId :
PB145123BL

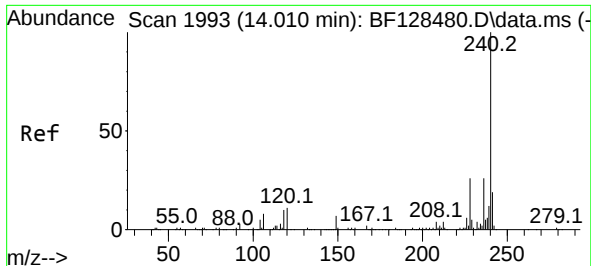
Tgt Ion:198 Resp: 1475
Ion Ratio Lower Upper
198 100
51 212.7 37.6 77.6#
105 214.3 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

Tgt Ion:248 Resp: 40999
Ion Ratio Lower Upper
248 100
250 194.7 80.6 120.8#
141 467.8 58.9 88.3#

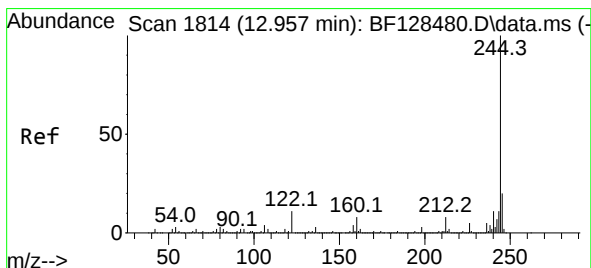
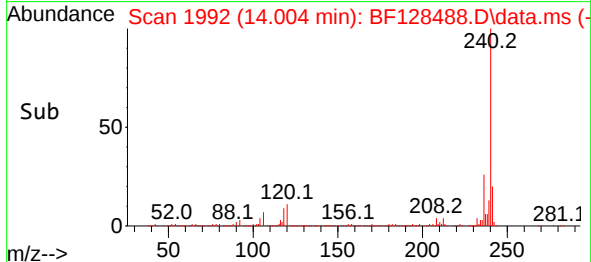
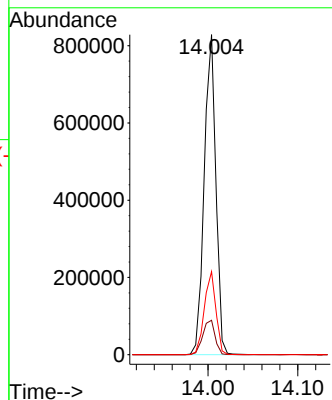
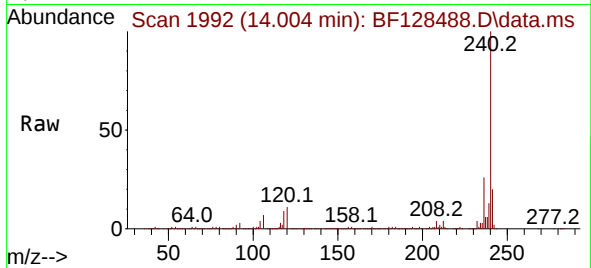




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

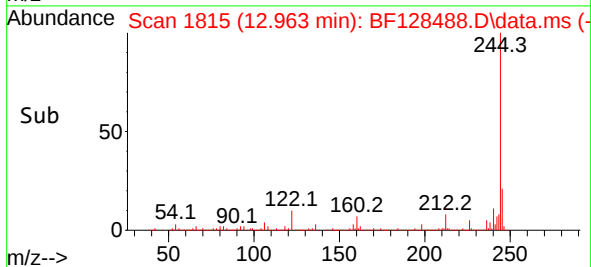
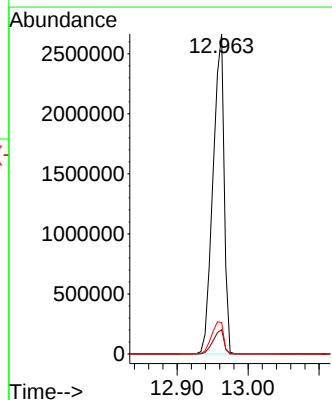
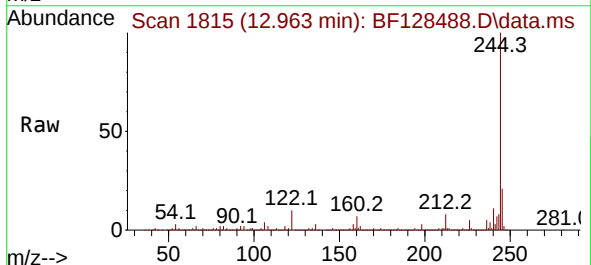
Instrument :
BNA_F
ClientSampleId :
PB145123BL

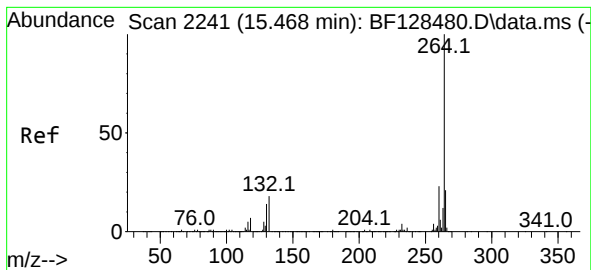
Tgt Ion:240 Resp: 744988
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 75.130 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128488.D
Acq: 26 May 2022 22:55

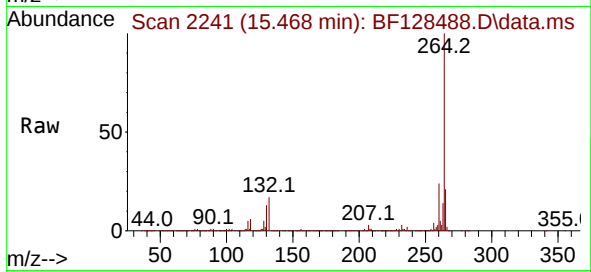
Tgt Ion:244 Resp: 2897112
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128488.D
 Acq: 26 May 2022 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB145123BL



Tgt Ion:264 Resp: 625946
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.1 17.2 25.8

