

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130289.D
 Acq On : 16 Sep 2022 13:43
 Operator : CG\JU
 Sample : N4656-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Sep 17 02:31:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

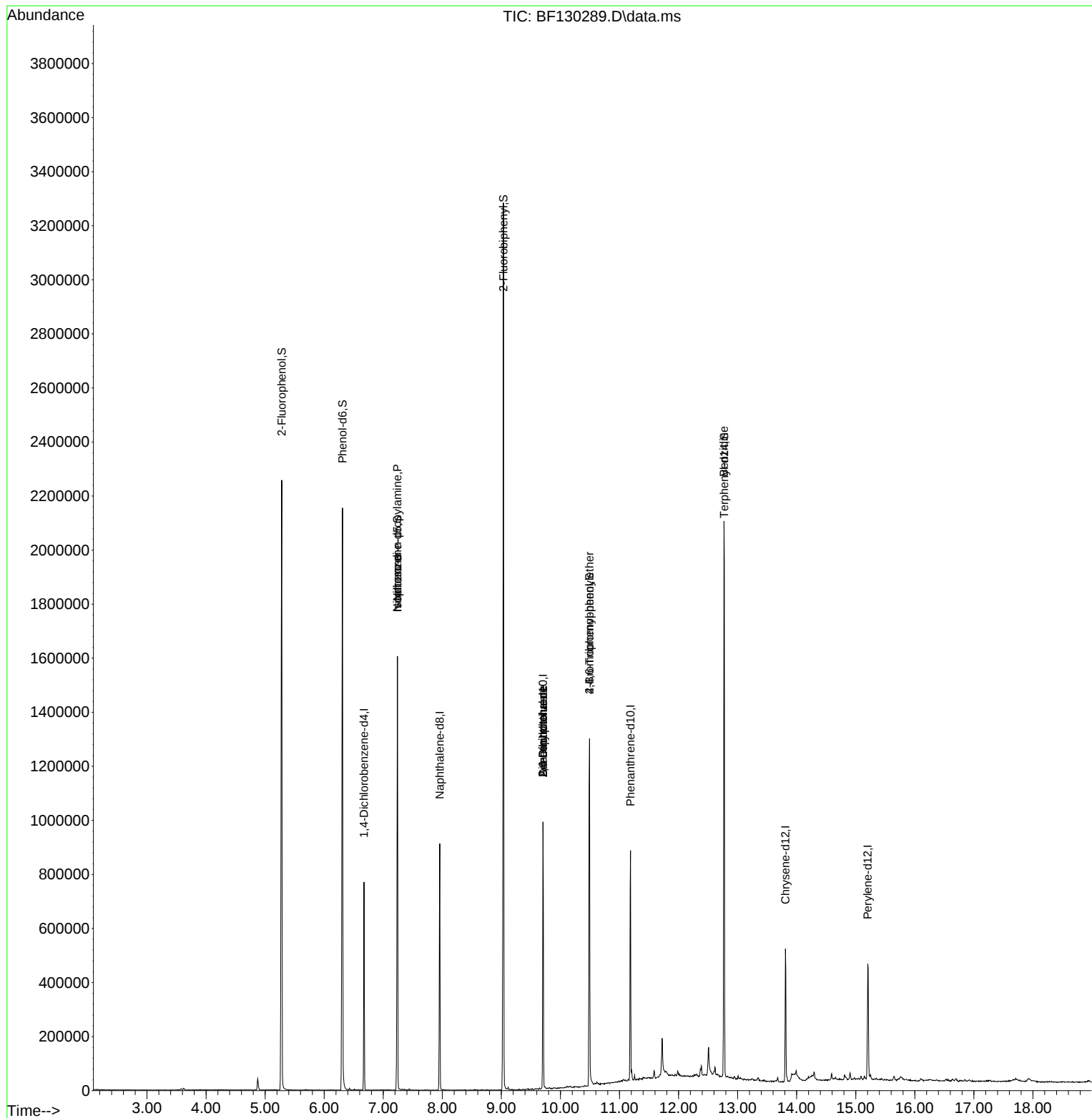
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	91713	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	366242	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	191268	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	289978	20.000	ng	0.00
76) Chrysene-d12	13.810	240	158284	20.000	ng	-0.01
86) Perylene-d12	15.204	264	191156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	605578	114.526	ng	0.00
7) Phenol-d6	6.310	99	752748	113.775	ng	0.00
23) Nitrobenzene-d5	7.240	82	492271	68.669	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	146086	79.710	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	913899	69.578	ng	0.00
79) Terphenyl-d14	12.774	244	678098	70.965	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.240	70	68663	15.380	ng	# 74
25) Isophorone	7.240	82	492267	42.604	ng	# 66
50) Dimethylphthalate	9.704	163	35834	2.712	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	24740	8.954	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	24740	7.006	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	8761	2.739	ng	# 1
77) Benzidine	12.769	184	11031	2.401	ng	# 90

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

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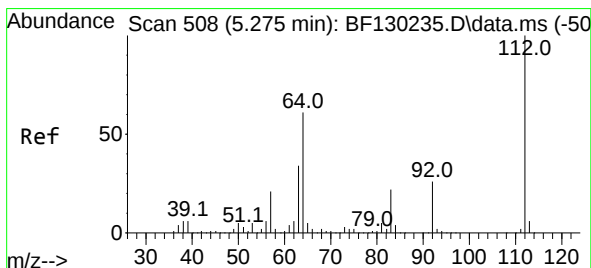
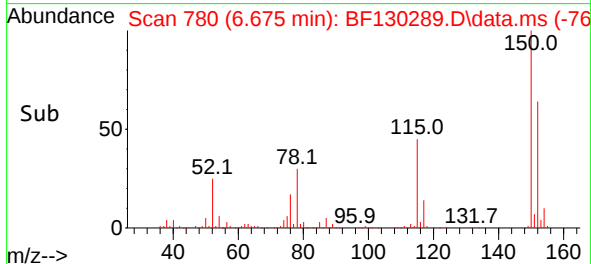
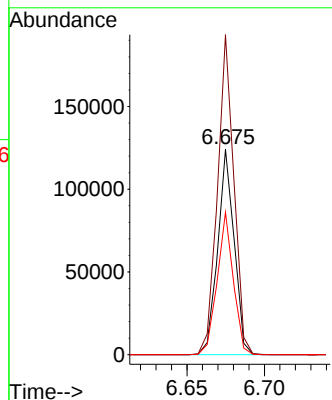
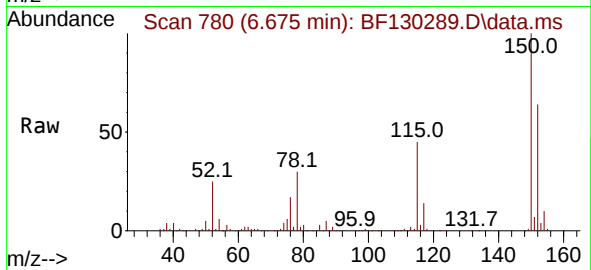




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130289.D
 Acq: 16 Sep 2022 13:43

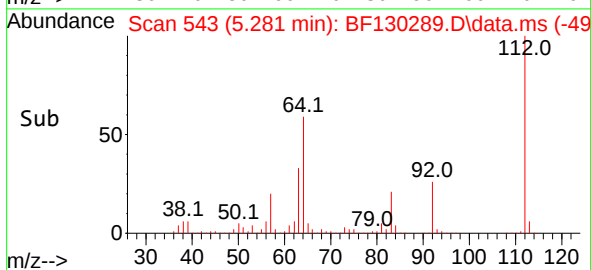
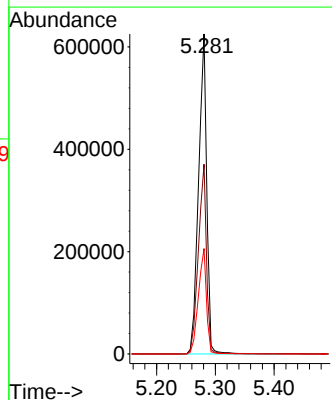
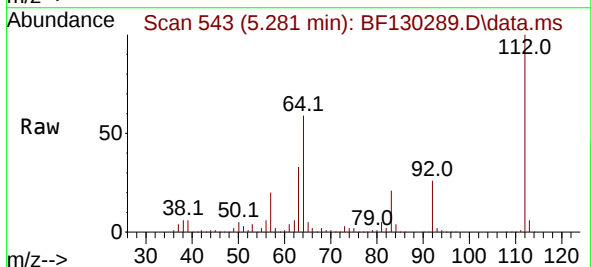
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

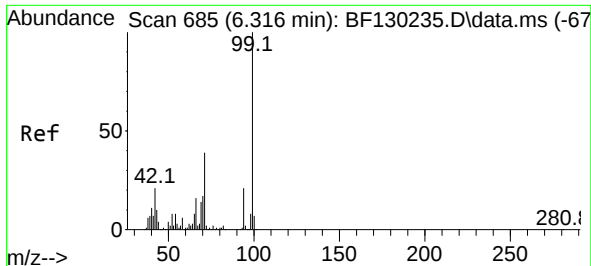
Tgt Ion:152 Resp: 91713
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.8 184.2
 115 69.4 53.8 80.8



#5
 2-Fluorophenol
 Concen: 114.526 ng
 RT: 5.281 min Scan# 543
 Delta R.T. 0.006 min
 Lab File: BF130289.D
 Acq: 16 Sep 2022 13:43

Tgt Ion:112 Resp: 605578
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.4 77.0
 63 32.9 28.8 43.2





#7
Phenol-d6
Concen: 113.775 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

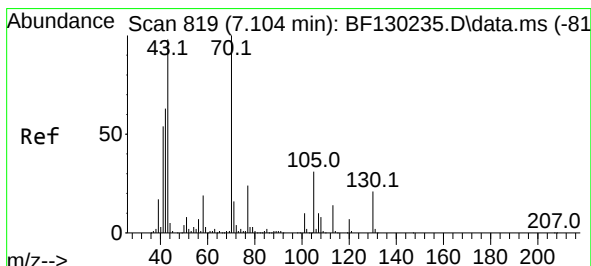
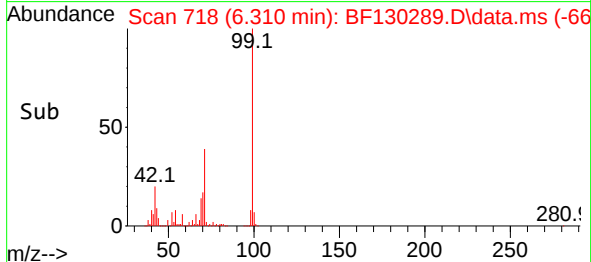
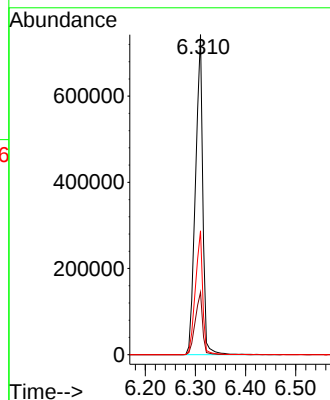
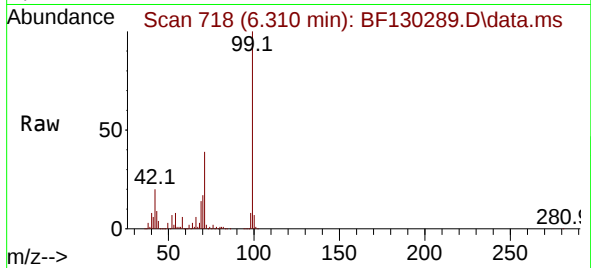
Instrument :

BNA_F

ClientSampleId :

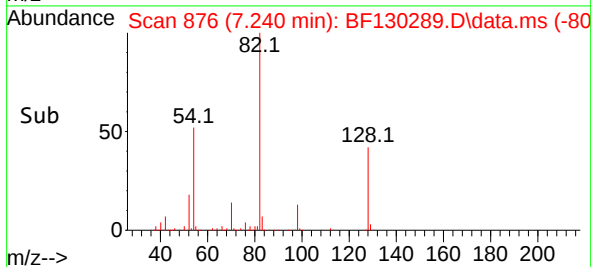
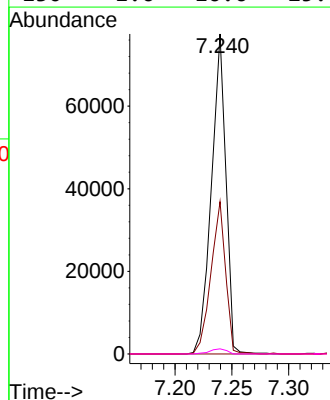
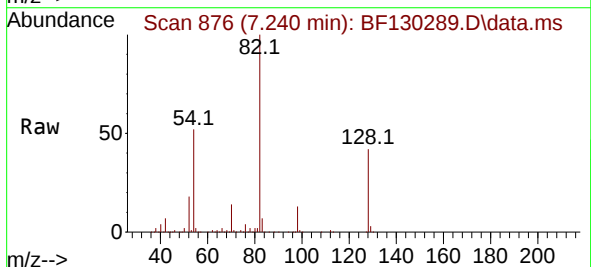
SP-2

Tgt Ion: 99 Resp: 752748
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 38.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.380 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.135 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 70 Resp: 68663
Ion Ratio Lower Upper
70 100
42 47.6 50.8 76.2#
101 0.0 8.2 12.4#
130 1.6 16.6 25.0#

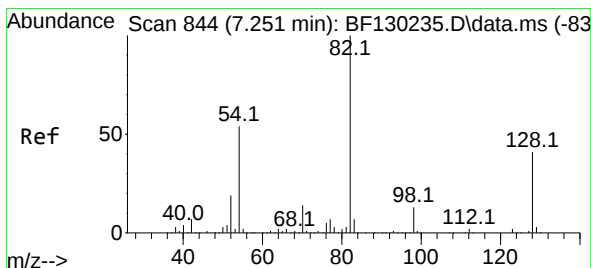
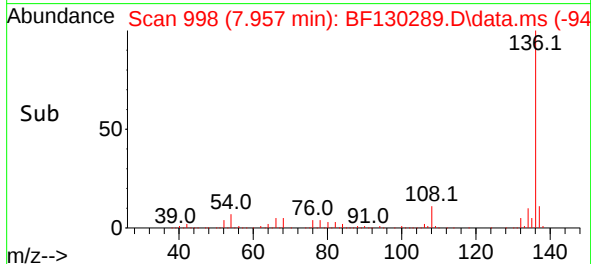
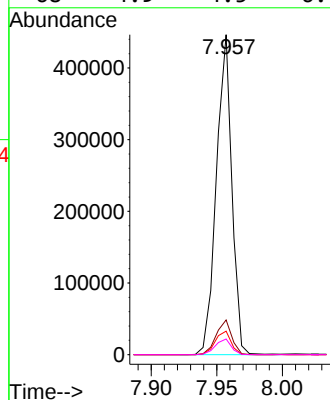
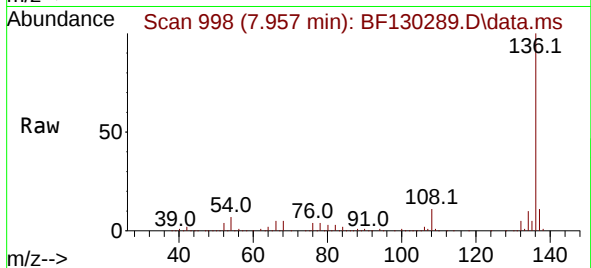




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

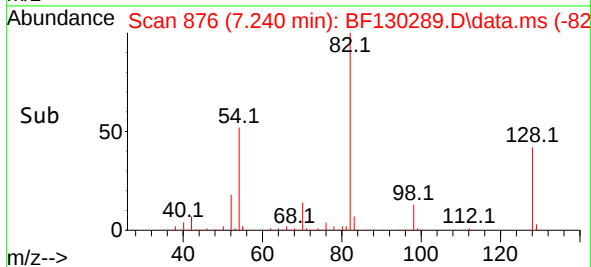
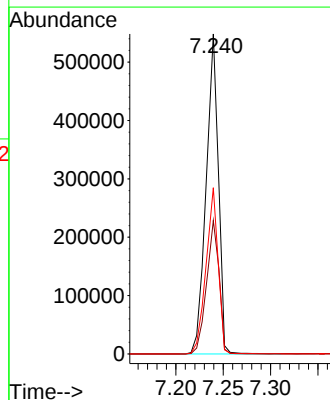
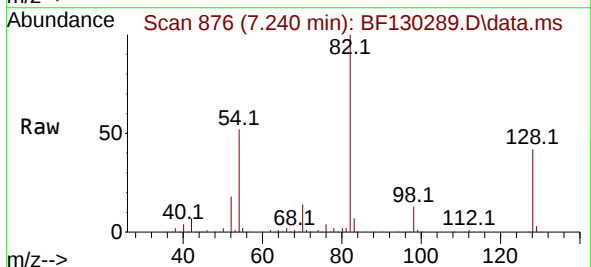
Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion	136	Resp:	366242
	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.3	7.1	10.7
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 68.669 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 82	Resp: 492271
Ion Ratio	Lower Upper
82 100	
128 41.7	32.6 49.0
54 51.9	43.8 65.6

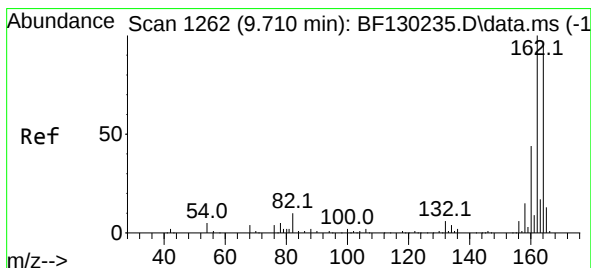
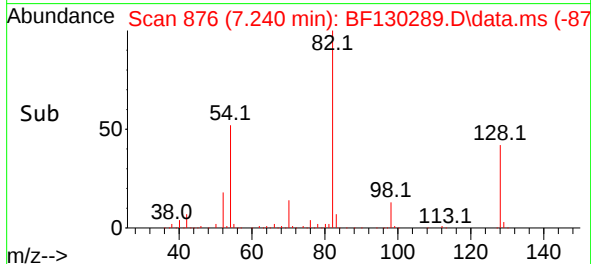
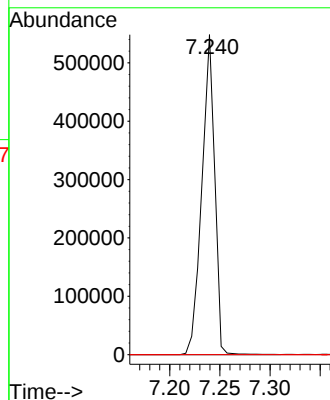
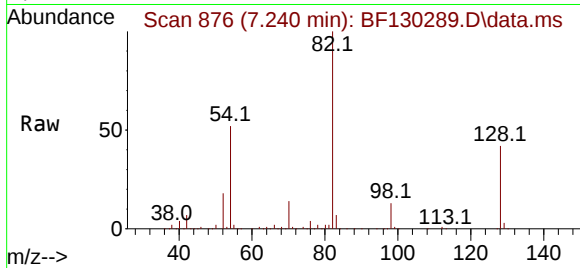




#25
Isophorone
Concen: 42.604 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

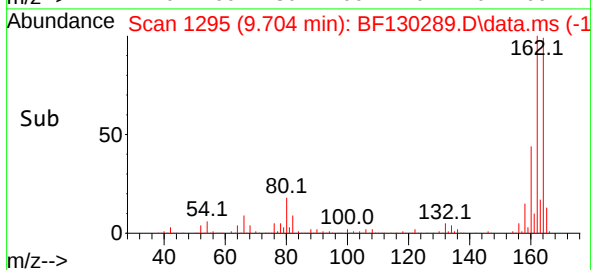
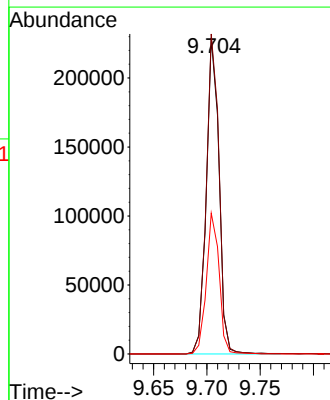
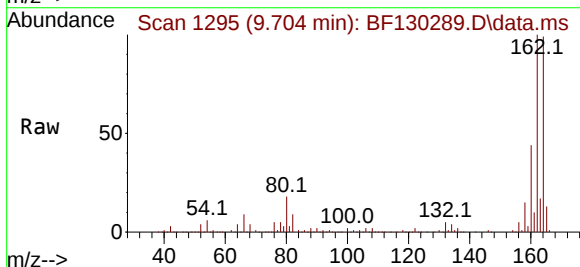
Instrument :
BNA_F
ClientSampleId :
SP-2

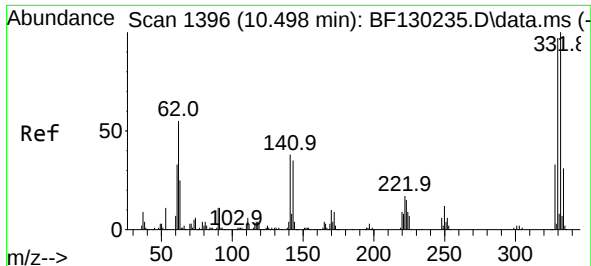
Tgt Ion: 82 Resp: 492267
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 164 Resp: 191268
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.5 36.2 54.4

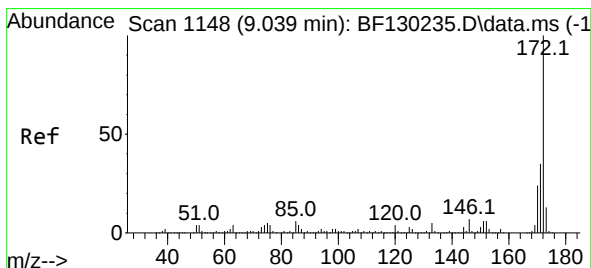
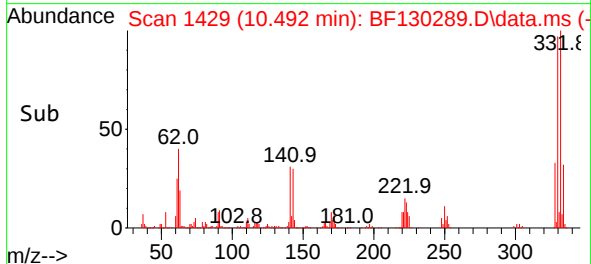
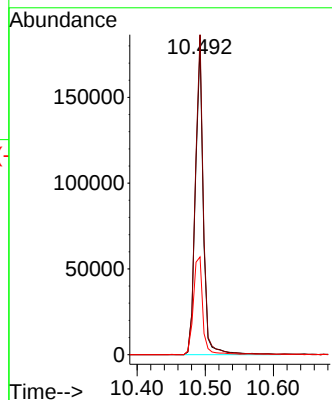
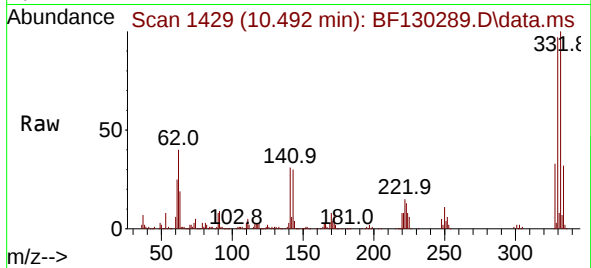




#42
2,4,6-Tribromophenol
Concen: 79.710 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

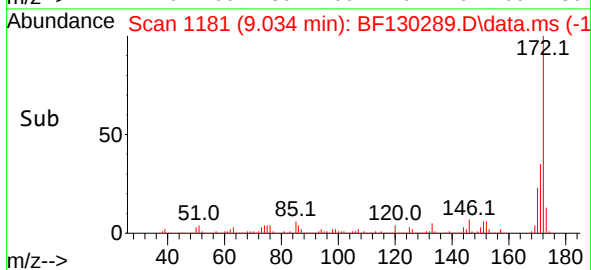
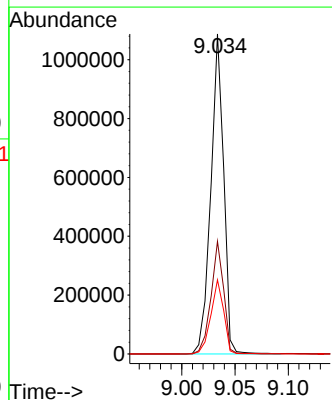
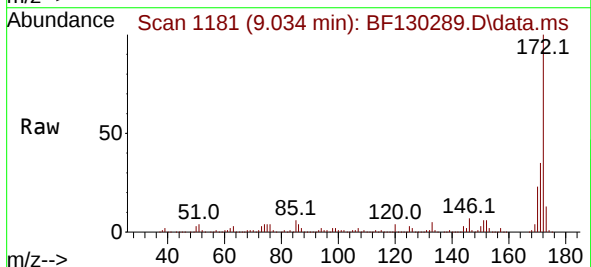
Instrument :
BNA_F
ClientSampleId :
SP-2

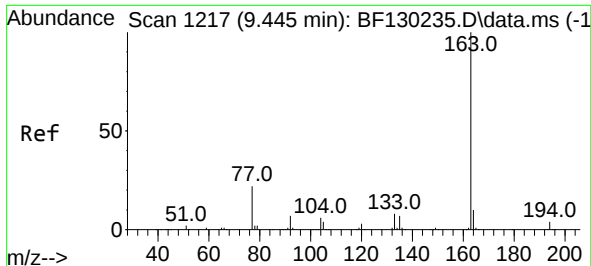
Tgt Ion:330 Resp: 146086
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 37.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 69.578 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:172 Resp: 913899
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 18.7 28.1

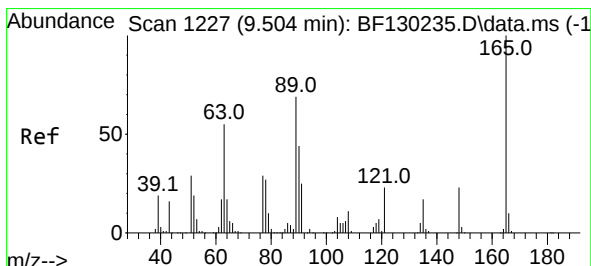
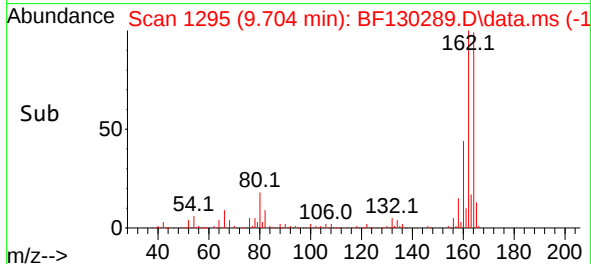
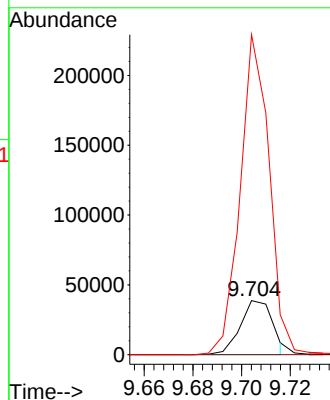
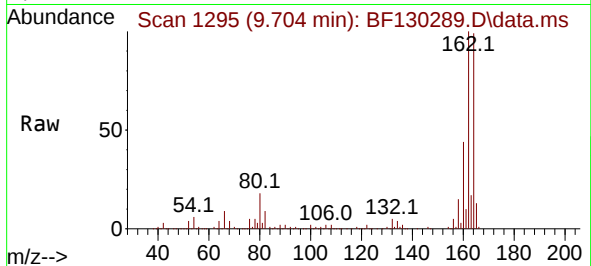




#50
Dimethylphthalate
Concen: 2.712 ng
RT: 9.704 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

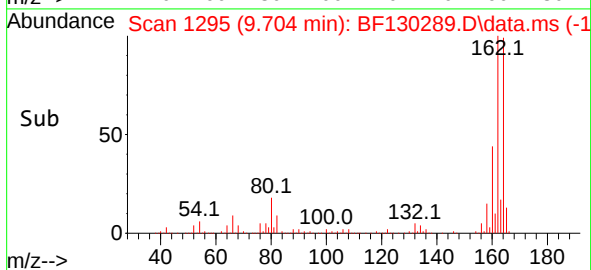
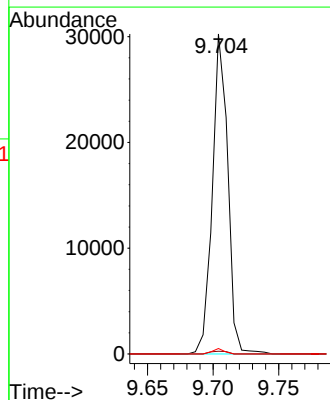
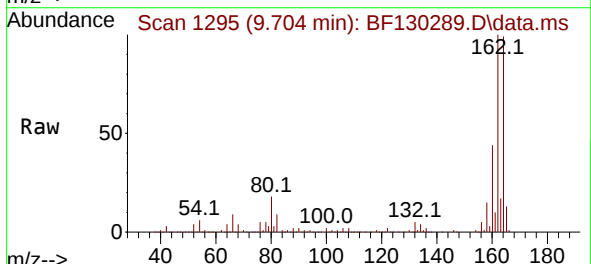
Instrument :
BNA_F
ClientSampleId :
SP-2

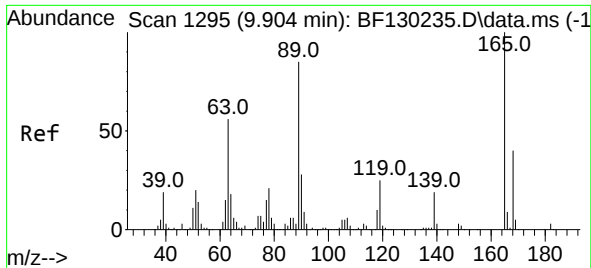
Tgt Ion:163 Resp: 35834
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 591.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.954 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:165 Resp: 24740
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.7 54.5 81.7#

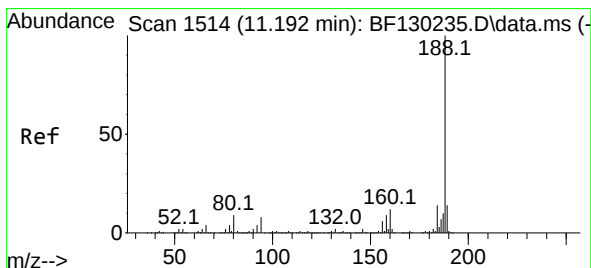
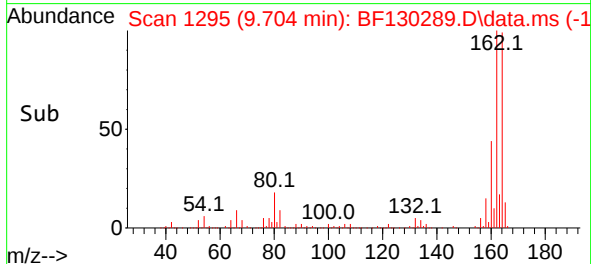
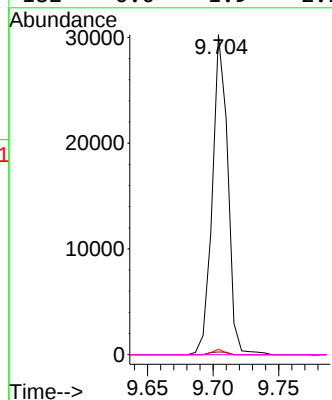
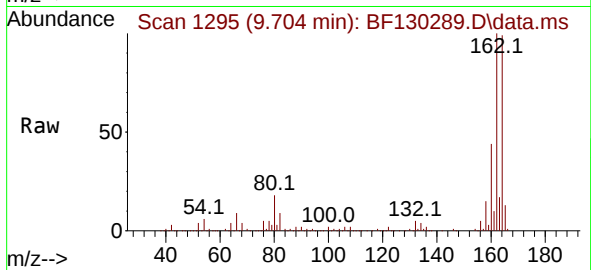




#57
2,4-Dinitrotoluene
Concen: 7.006 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

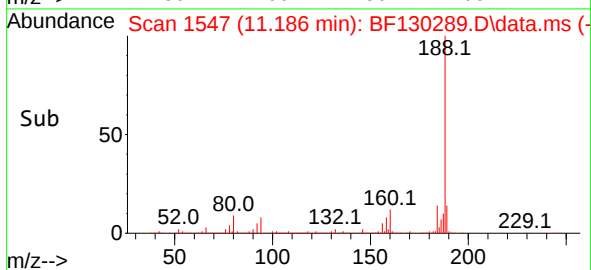
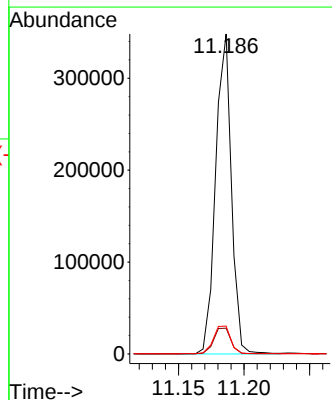
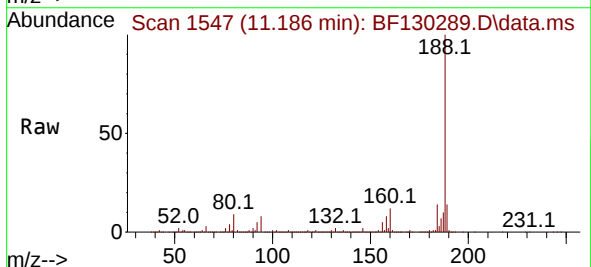
Instrument :
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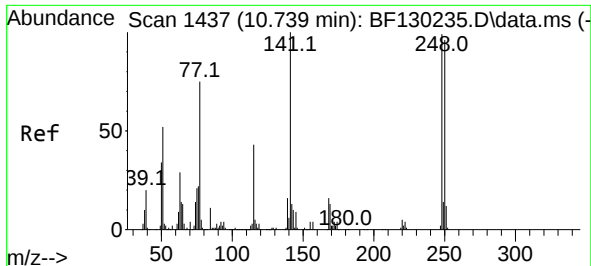
Tgt Ion:165 Resp: 24740
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:188 Resp: 289978
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.7 7.9 11.9

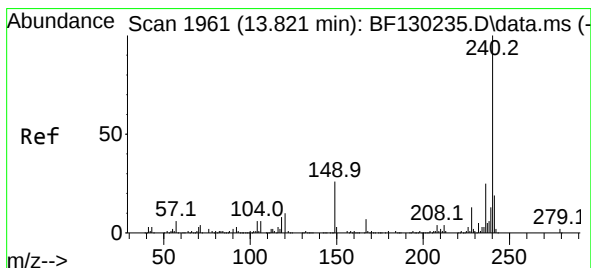
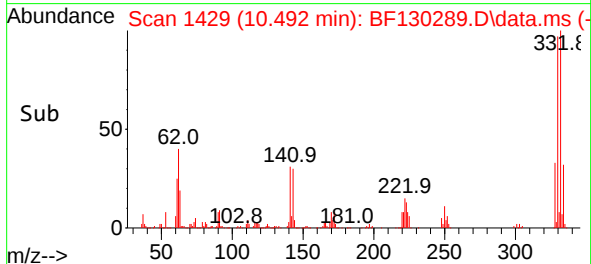
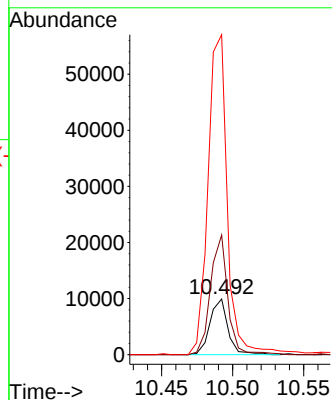
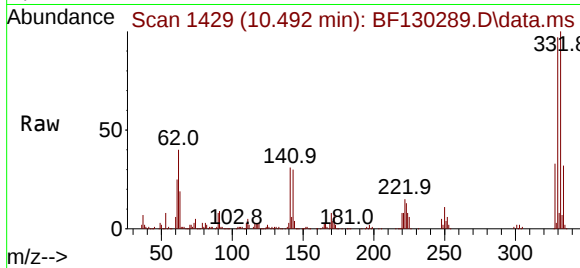




#67
4-Bromophenyl-phenylether
Concen: 2.739 ng
RT: 10.492 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

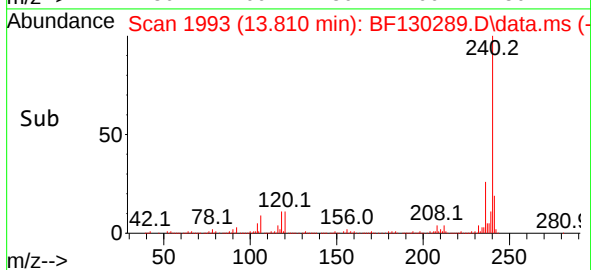
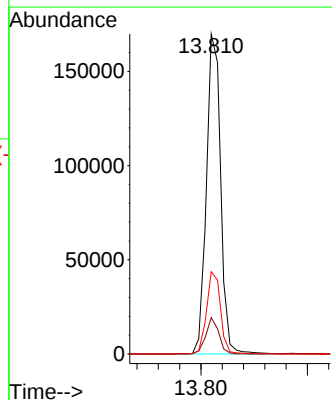
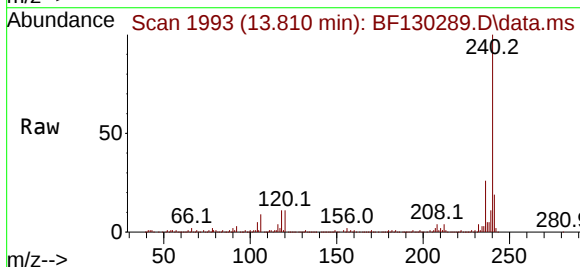
Instrument :
BNA_F
ClientSampleId :
SP-2

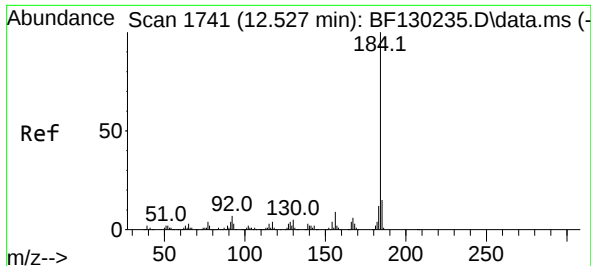
Tgt Ion:248 Resp: 8761
Ion Ratio Lower Upper
248 100
250 215.0 80.0 120.0#
141 574.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.810 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Tgt Ion:240 Resp: 158284
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.7 20.9 31.3

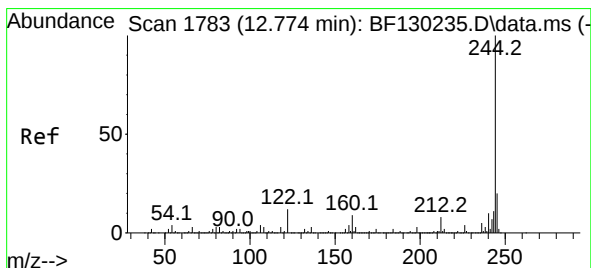
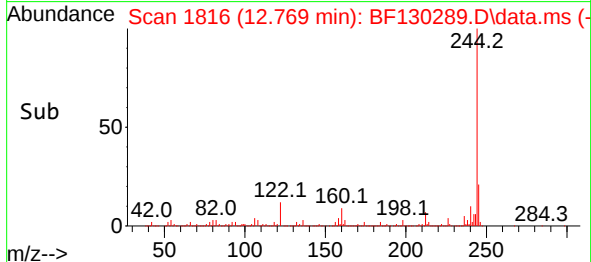
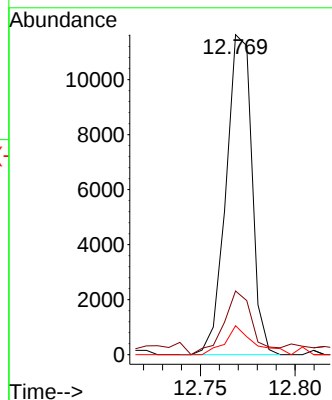
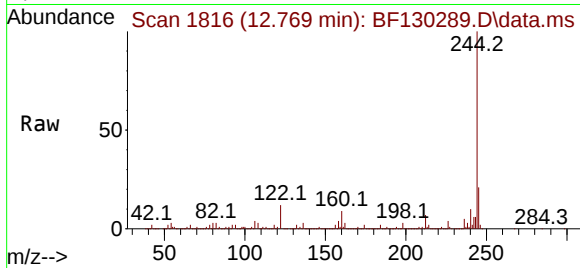




#77
Benzidine
Concen: 2.401 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.241 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

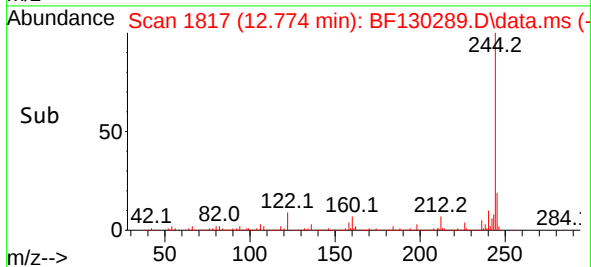
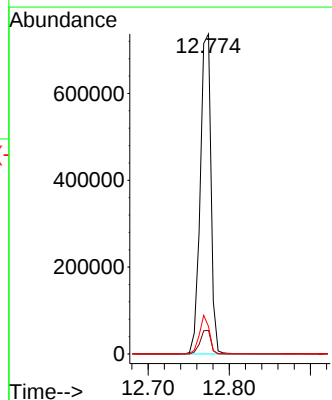
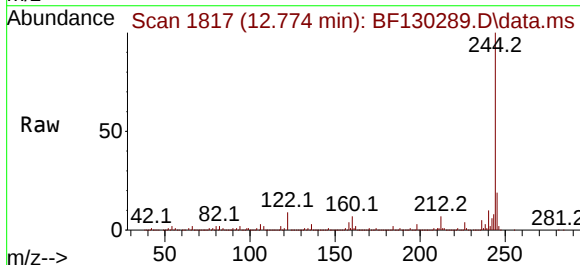
Instrument :
BNA_F
ClientSampleId :
SP-2

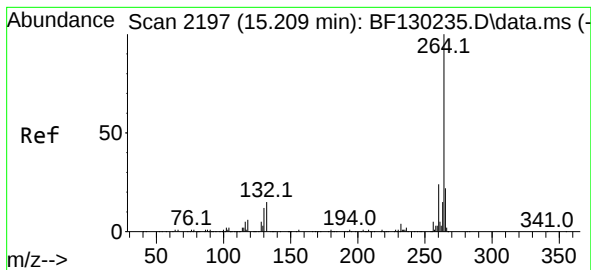
Tgt Ion:184 Resp: 11031
Ion Ratio Lower Upper
184 100
185 19.9 11.8 17.6#
183 9.1 9.1 13.7#



#79
Terphenyl-d14
Concen: 70.965 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

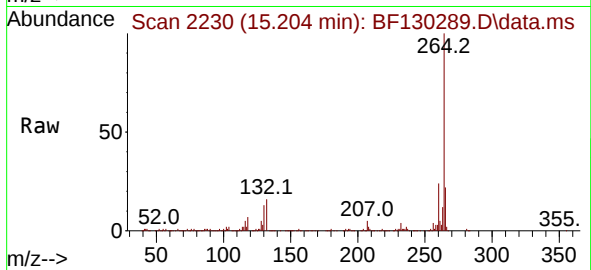
Tgt Ion:244 Resp: 678098
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130289.D
Acq: 16 Sep 2022 13:43

Instrument :
BNA_F
ClientSampleId :
SP-2



Tgt Ion:264 Resp: 191156
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.1 17.0 25.4

