

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130789.D
 Acq On : 26 Oct 2022 18:23
 Operator : CG\JU
 Sample : N5281-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Oct 27 09:04:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

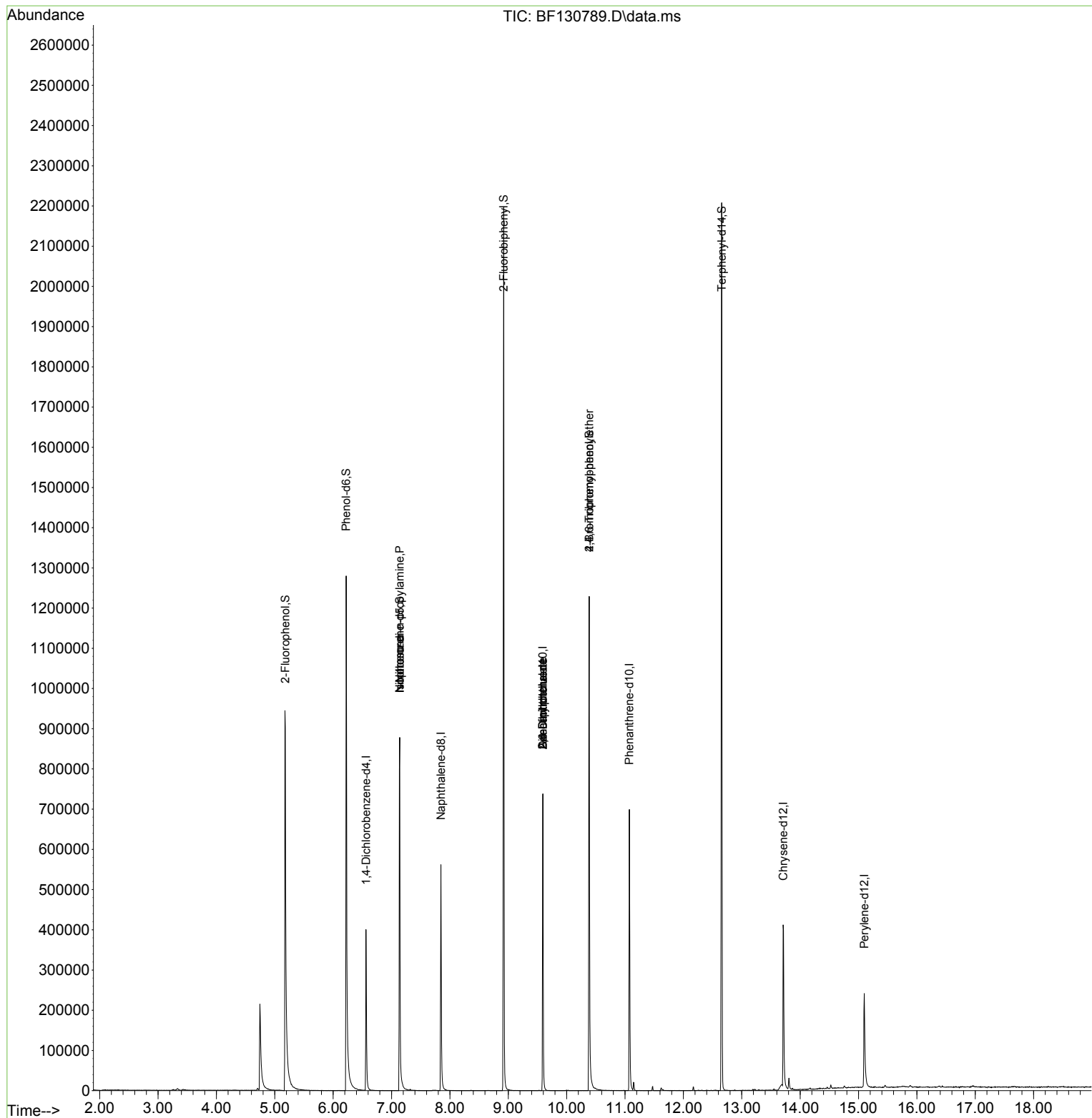
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	63895	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	258029	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	144107	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	259031	20.000	ng	0.00
76) Chrysene-d12	13.710	240	163201	20.000	ng	0.00
86) Perylene-d12	15.098	264	122408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	401021	108.228	ng	0.00
7) Phenol-d6	6.222	99	514508	114.765	ng	0.00
23) Nitrobenzene-d5	7.139	82	321281	66.052	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	158635	115.754	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	635426	67.196	ng	0.00
79) Terphenyl-d14	12.657	244	711591	73.478	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	41814	13.803	ng	# 77
25) Isophorone	7.139	82	321281	40.089	ng	# 65
50) Dimethylphthalate	9.592	163	26455	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	18322	8.441	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	18322	6.266	ng	# 28
67) 4-Bromophenyl-phenylether	10.386	248	9657	3.099	ng	# 1
77) Benzidine	12.657	184	9467	Below Cal		# 95

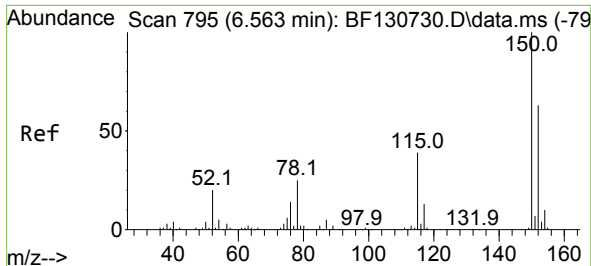
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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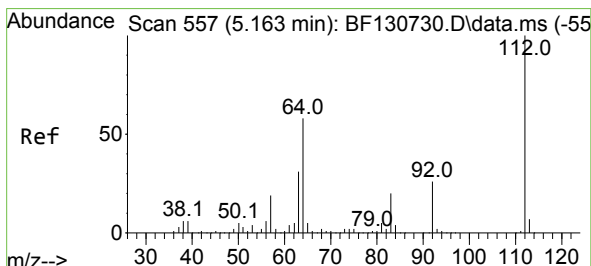
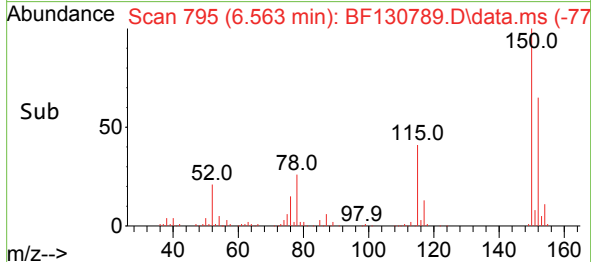
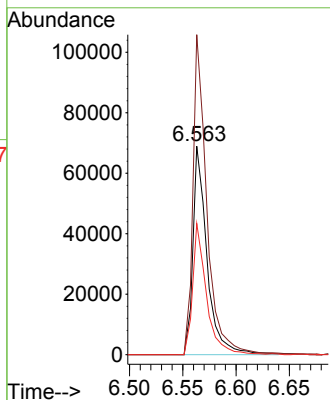
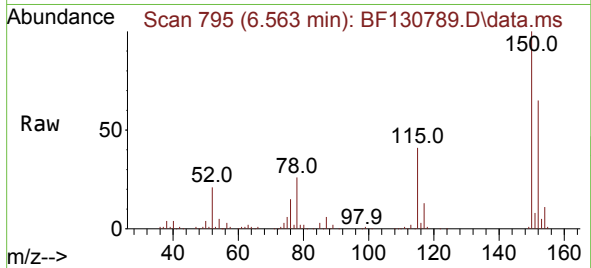




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

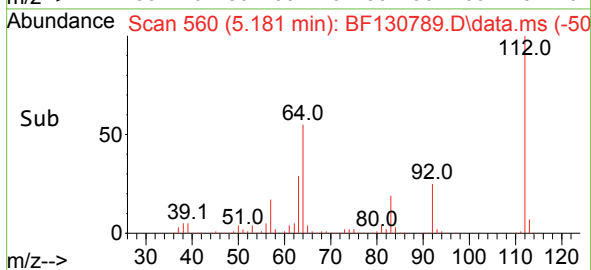
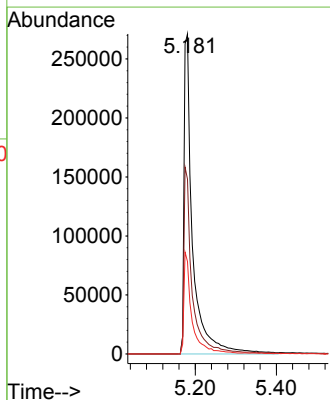
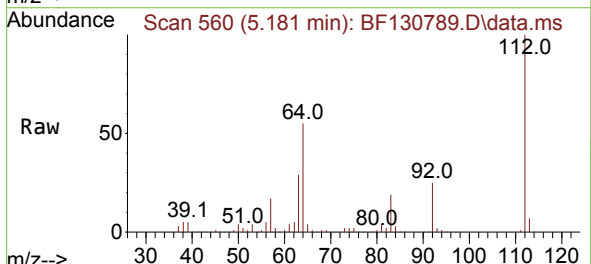
Instrument :
BNA_F
ClientSampleId :
SB-4

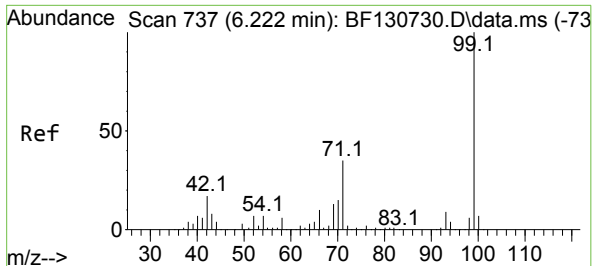
Tgt Ion:152 Resp: 63895
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 108.228 ng
RT: 5.181 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion:112 Resp: 401021
Ion Ratio Lower Upper
112 100
64 54.6 46.2 69.4
63 28.9 25.1 37.7

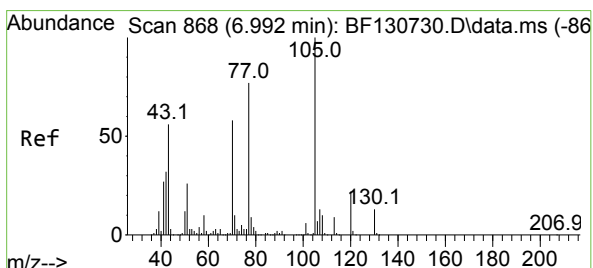
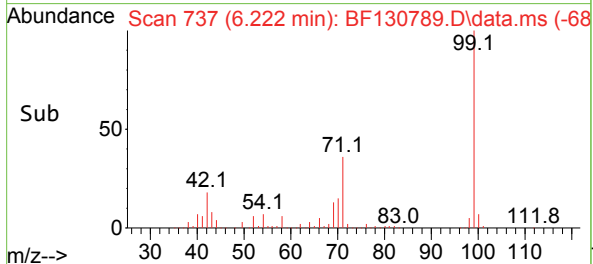
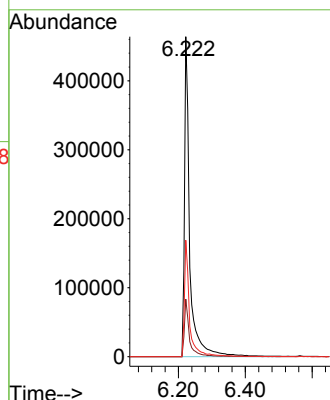
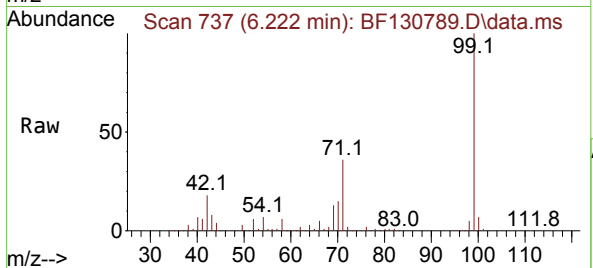




#7
Phenol-d6
Concen: 114.765 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

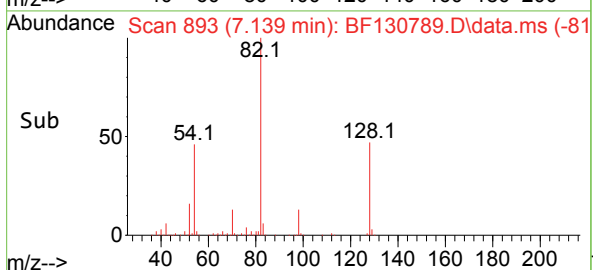
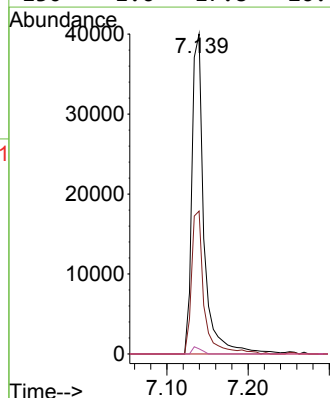
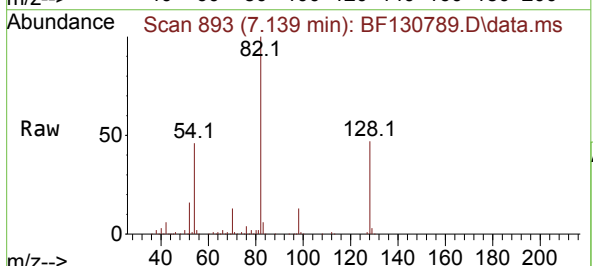
Instrument :
BNA_F
ClientSampleId :
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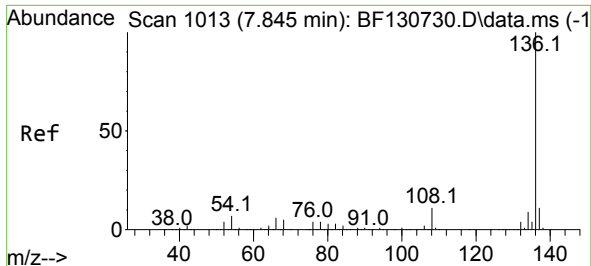
Tgt Ion: 99 Resp: 514508
Ion Ratio Lower Upper
99 100
42 18.0 13.8 20.8
71 36.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.803 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion: 70 Resp: 41814
Ion Ratio Lower Upper
70 100
42 44.6 44.1 66.1
101 0.0 8.3 12.5#
130 1.6 17.8 26.6#

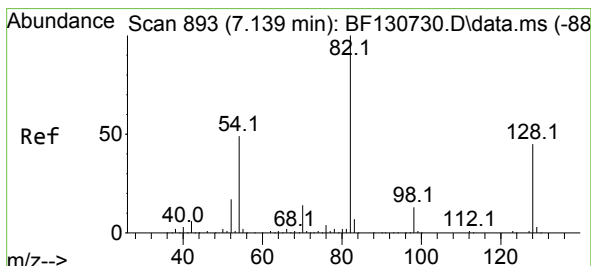
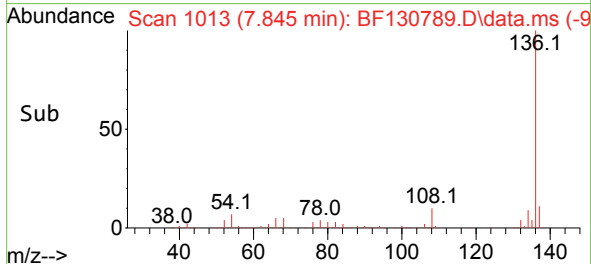
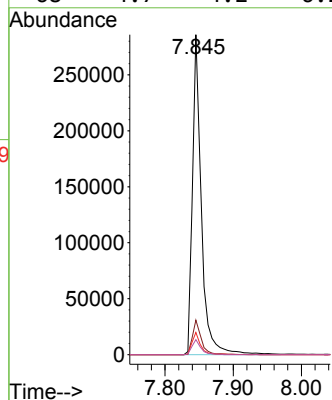
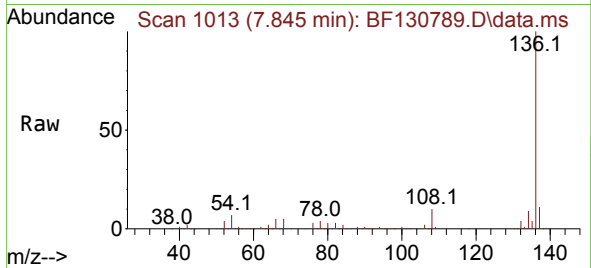




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

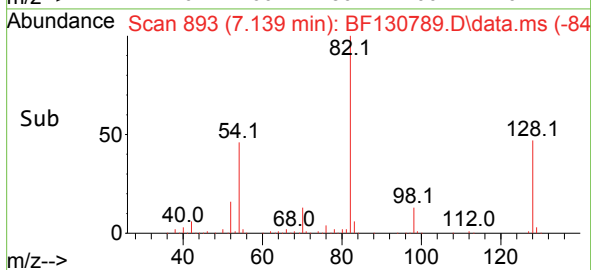
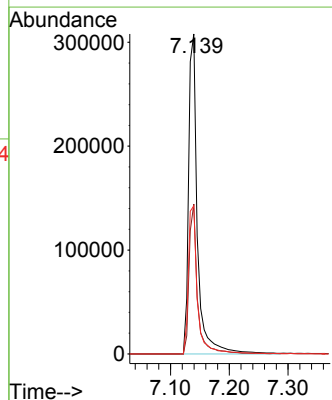
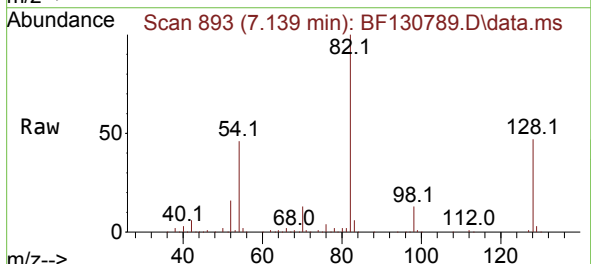
Instrument :
BNA_F
ClientSampleId :
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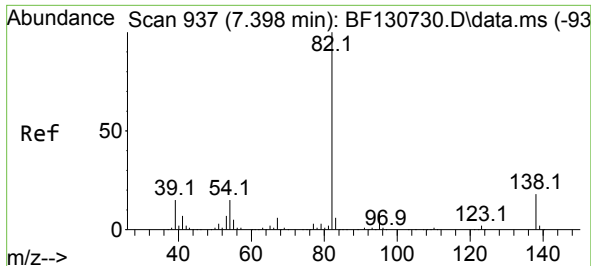
Tgt Ion:136 Resp: 258029
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.9 5.8 8.8
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 66.052 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion: 82 Resp: 321281
Ion Ratio Lower Upper
82 100
128 46.9 35.9 53.9
54 46.3 39.2 58.8

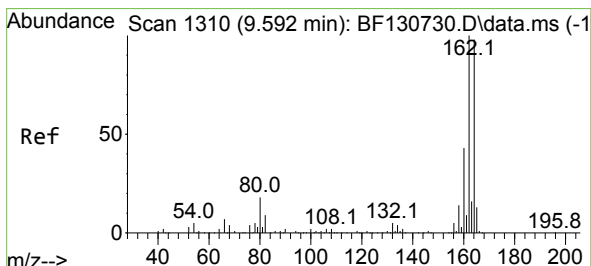
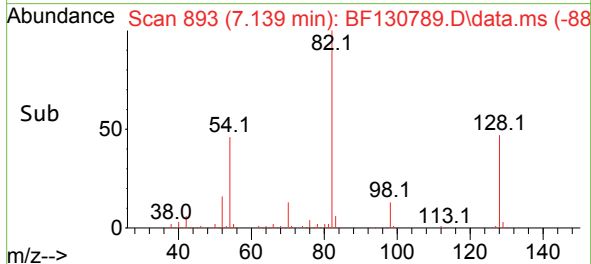
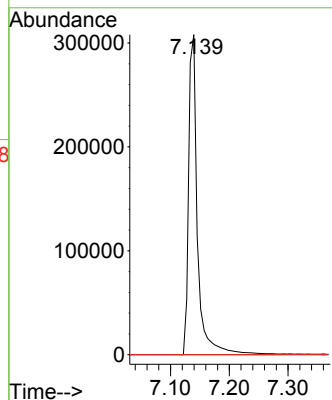
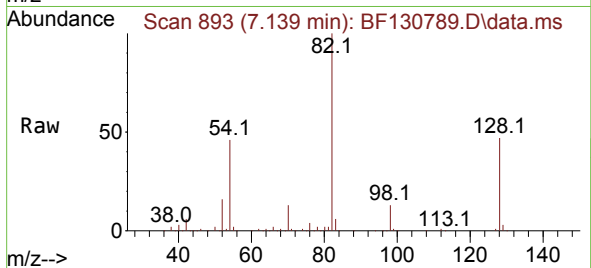




#25
Isophorone
Concen: 40.089 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

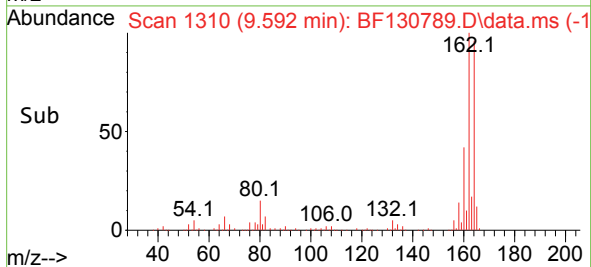
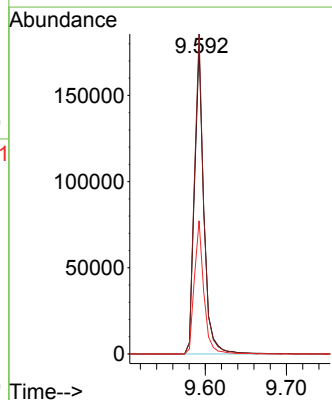
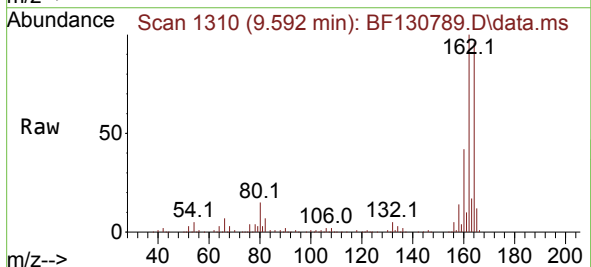
Instrument :
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ClientSampleId :
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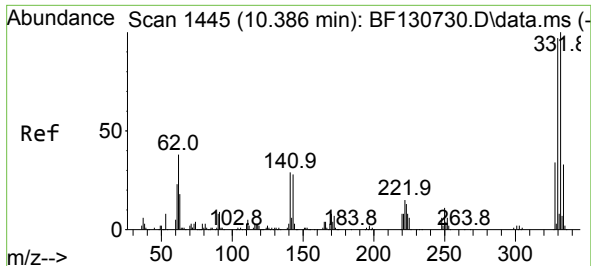
Tgt Ion: 82 Resp: 321281
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion:164 Resp: 144107
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 43.3 35.0 52.4

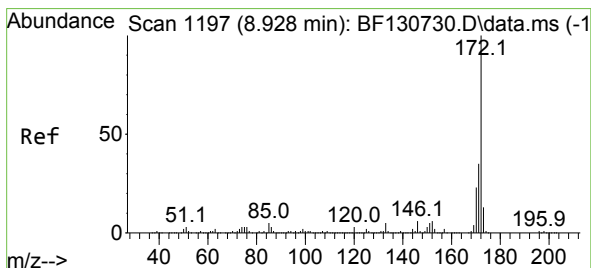
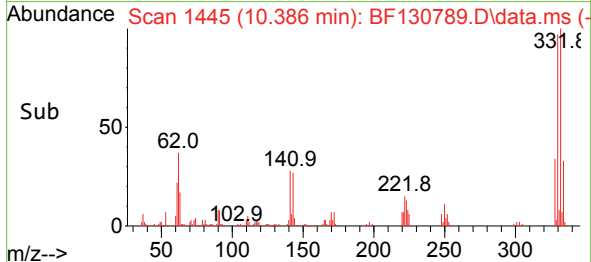
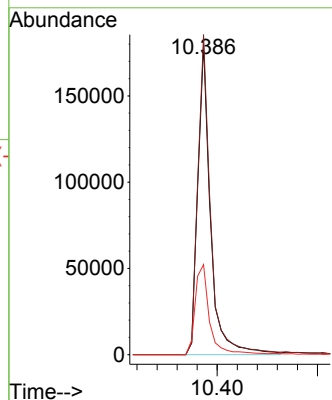
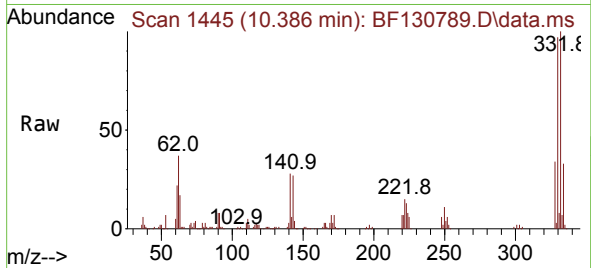




#42
2,4,6-Tribromophenol
Concen: 115.754 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

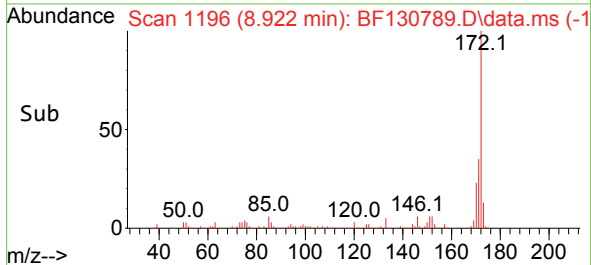
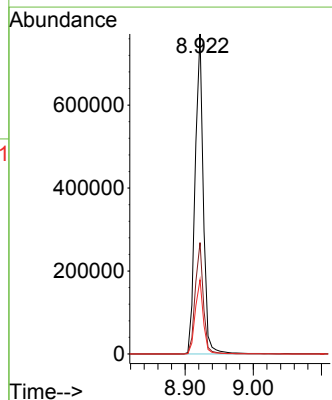
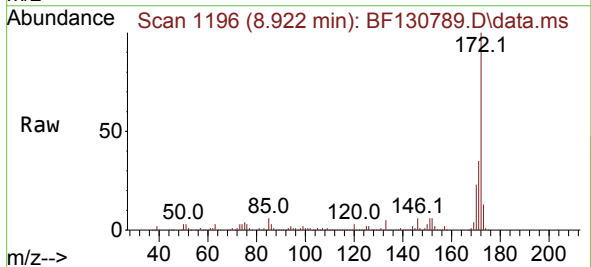
Instrument :
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ClientSampleId :
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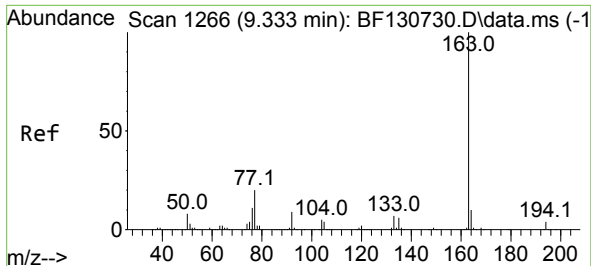
Tgt Ion:330 Resp: 158635
Ion Ratio Lower Upper
330 100
332 106.8 81.4 122.2
141 33.5 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 67.196 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion:172 Resp: 635426
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.2 18.5 27.7

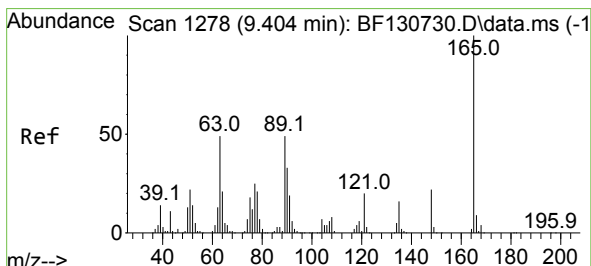
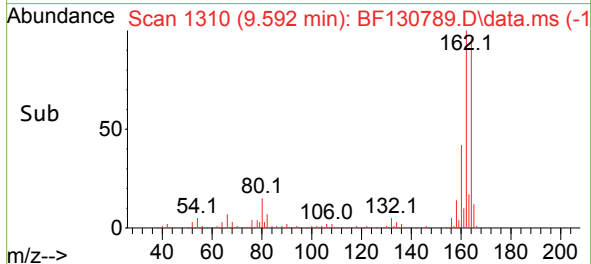
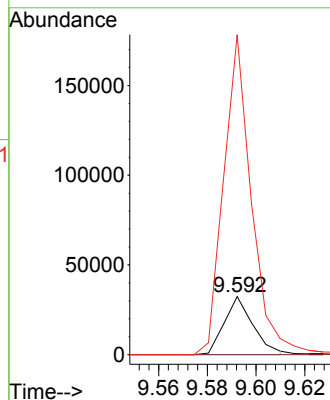
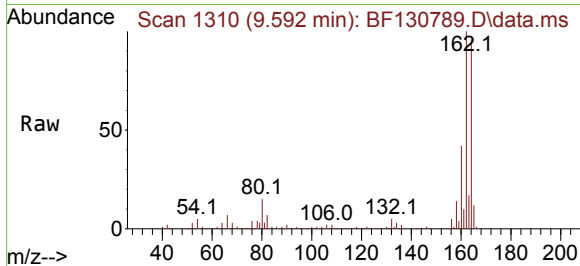




#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

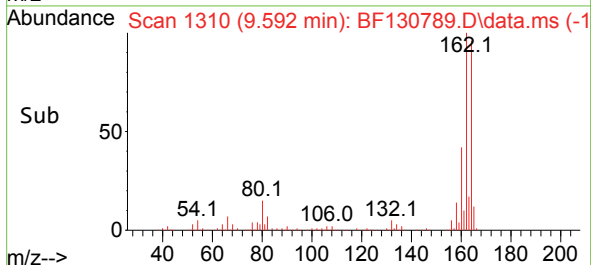
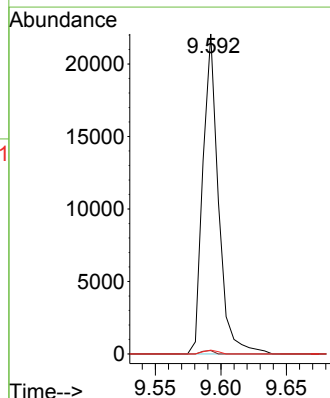
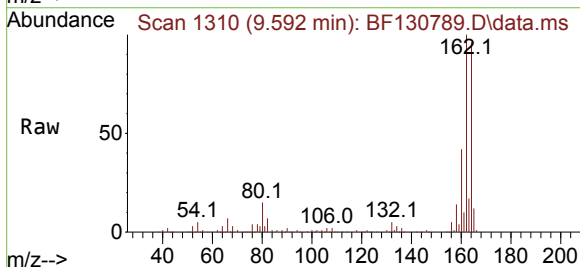
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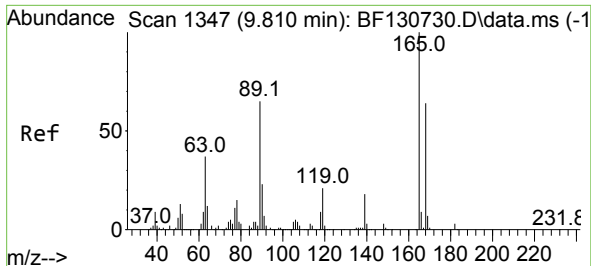
Tgt Ion:163 Resp: 26455
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 551.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.188 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion:165 Resp: 18322
Ion Ratio Lower Upper
165 100
63 1.0 38.8 58.2#
89 1.2 39.4 59.2#

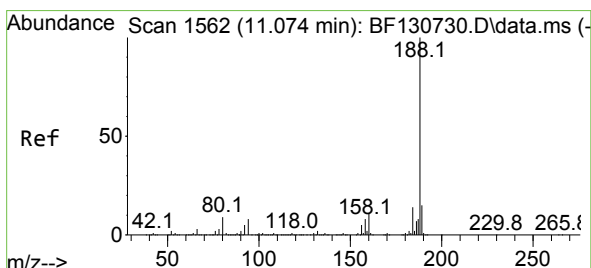
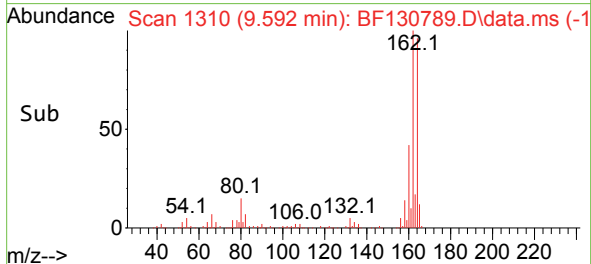
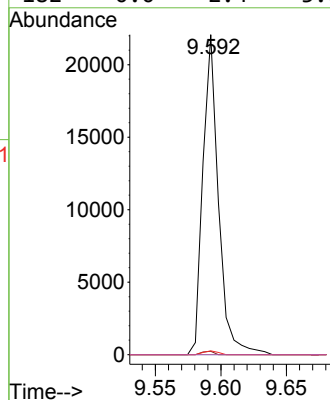
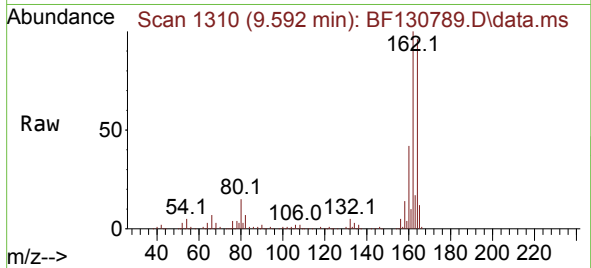




#57
2,4-Dinitrotoluene
Concen: 6.266 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

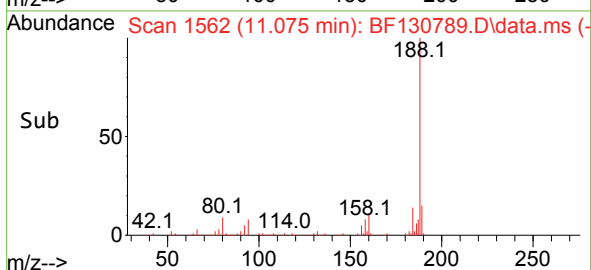
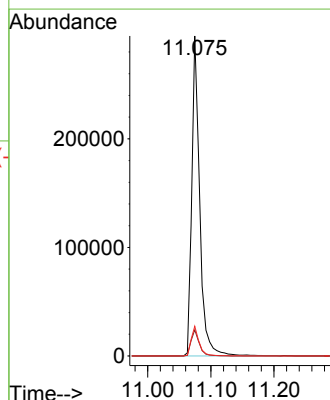
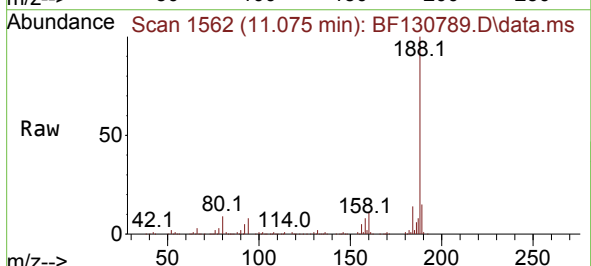
Instrument :
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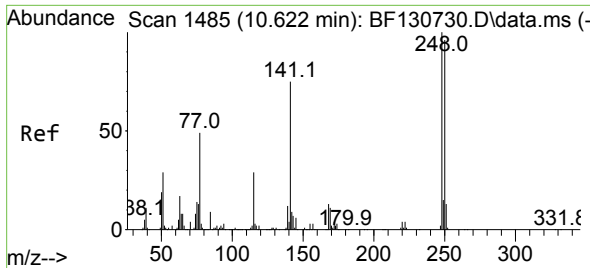
Tgt Ion:165 Resp: 18322
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.2 51.9 77.9#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

Tgt Ion:188 Resp: 259031
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.3 7.4 11.0

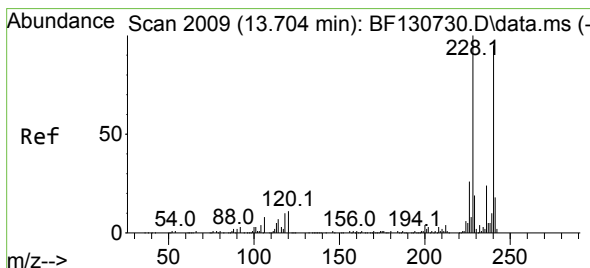
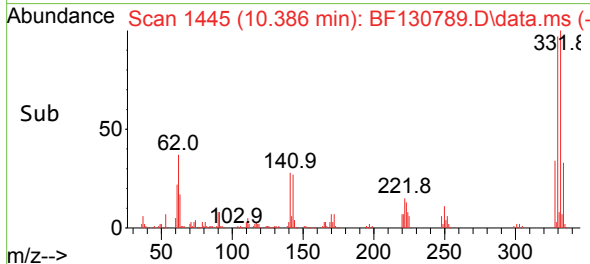
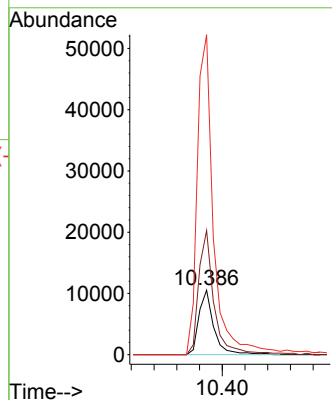
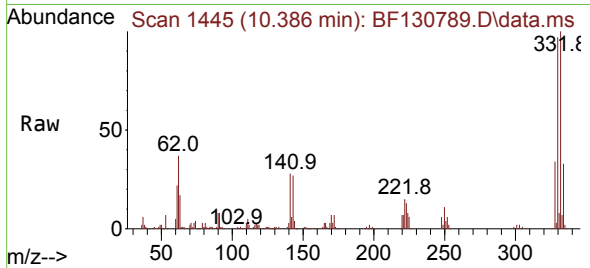




#67
4-Bromophenyl-phenylether
Concen: 3.099 ng
RT: 10.386 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

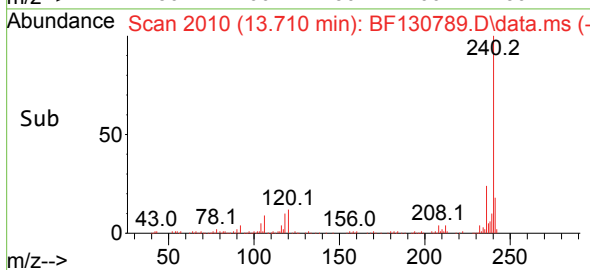
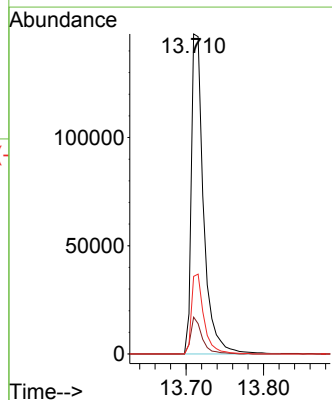
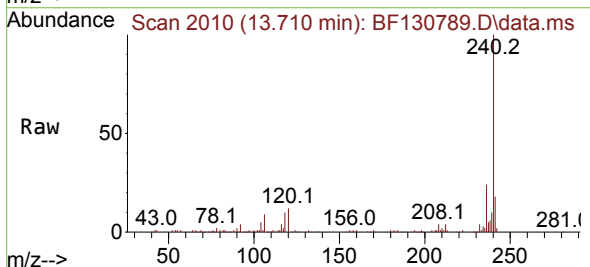
Instrument :
BNA_F
ClientSampleId :
SB-4

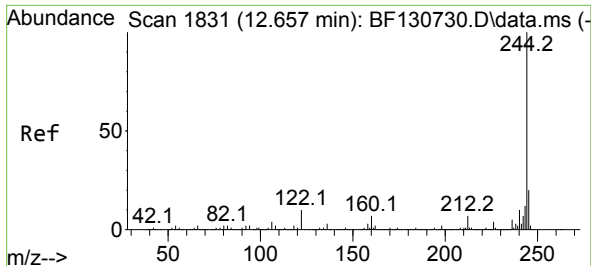
Tgt Ion:248 Resp: 9657
Ion Ratio Lower Upper
248 100
250 192.7 77.0 115.6#
141 496.3 60.1 90.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130789.D
Acq: 26 Oct 2022 18:23

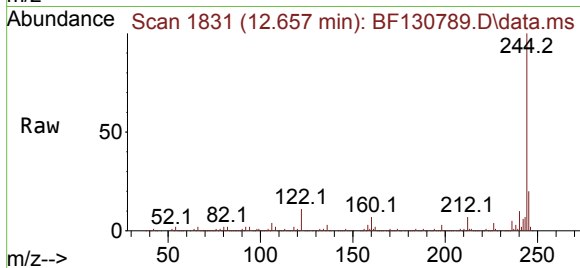
Tgt Ion:240 Resp: 163201
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 24.3 20.2 30.2



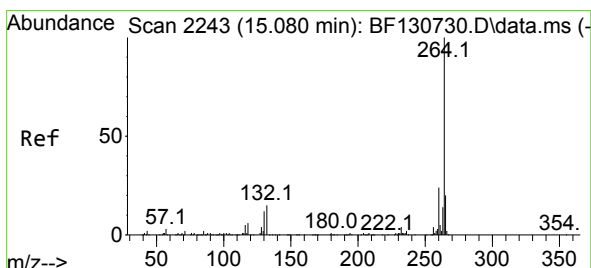
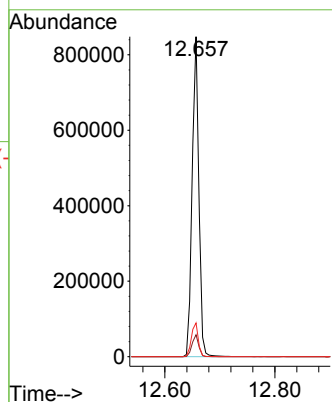
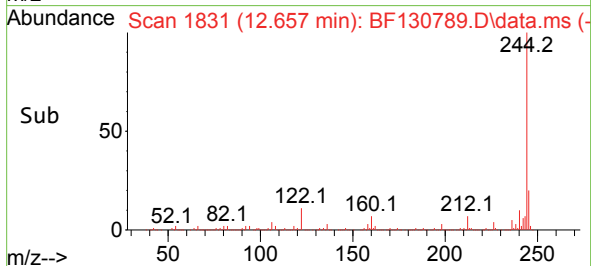


#79
 Terphenyl-d14
 Concen: 73.478 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130789.D
 Acq: 26 Oct 2022 18:23

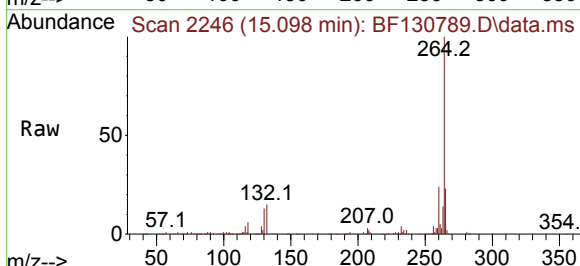
Instrument :
 BNA_F
 ClientSampleId :
 SB-4



Tgt Ion:244 Resp: 711591
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF130789.D
 Acq: 26 Oct 2022 18:23



Tgt Ion:264 Resp: 122408
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.9 16.2 24.4

