

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130429.D
 Acq On : 27 Sep 2022 17:26
 Operator : CG\JU
 Sample : N4833-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 004-1

Quant Time: Sep 28 03:01:04 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 28 02:59:31 2022
 Response via : Initial Calibration

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

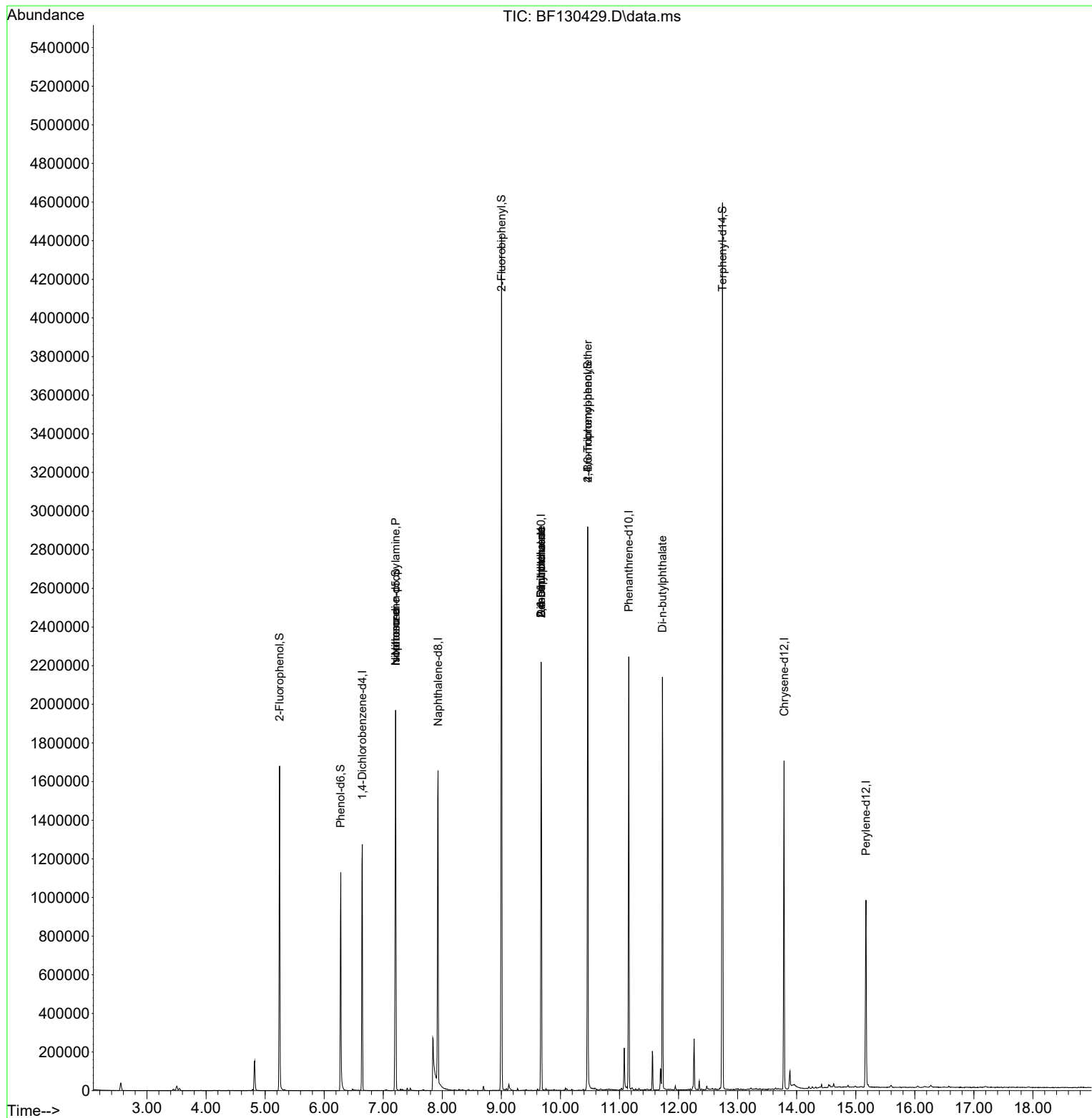
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	189799	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	740020	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	417592	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	712354	20.000	ng	0.00
76) Chrysene-d12	13.786	240	530206	20.000	ng	0.00
86) Perylene-d12	15.174	264	405179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	441002	40.301	ng	0.00
7) Phenol-d6	6.281	99	357837	26.135	ng	-0.01
23) Nitrobenzene-d5	7.210	82	644891	44.521	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	349123	87.252	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1288317	44.925	ng	0.00
79) Terphenyl-d14	12.745	244	1521827	47.546	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.210	70	87436	9.464	ng	# 73
25) Isophorone	7.210	82	641669	27.485	ng	# 66
50) Dimethylphthalate	9.675	163	79894	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.675	165	53706	8.903	ng	# 16
57) 2,4-Dinitrotoluene	9.675	165	53706	6.966	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	20785	2.645	ng	# 1
74) Di-n-butylphthalate	11.727	149	1049549	24.987	ng	99

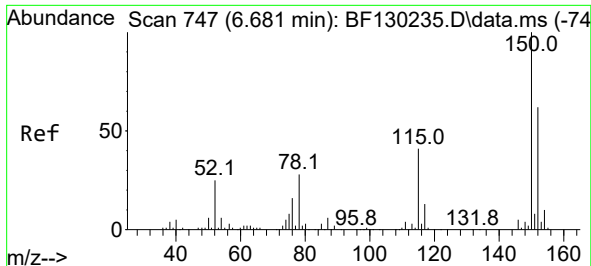
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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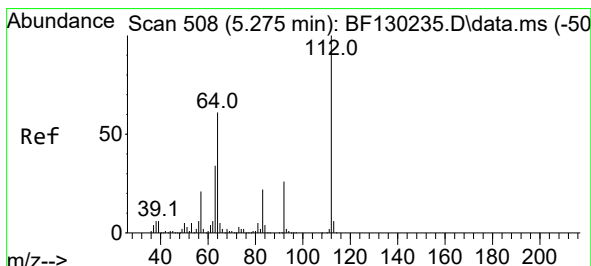
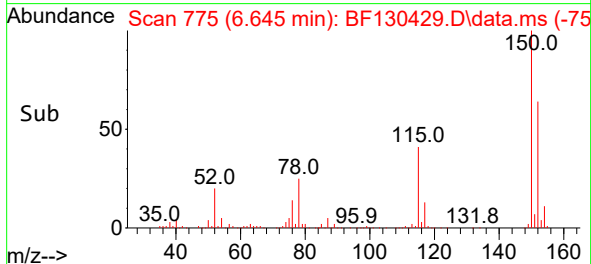
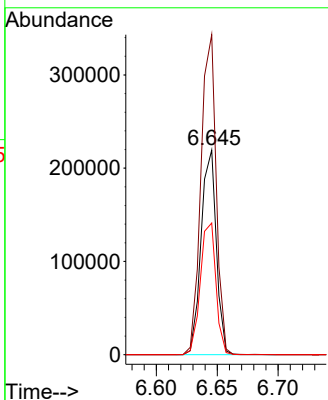
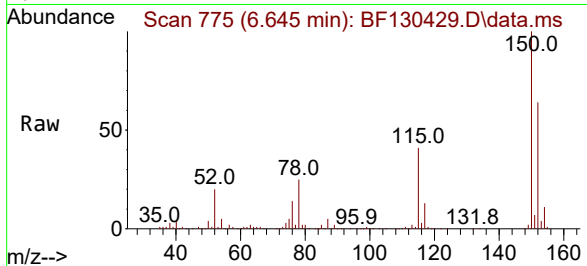




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

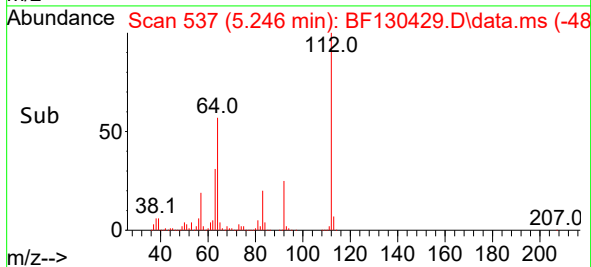
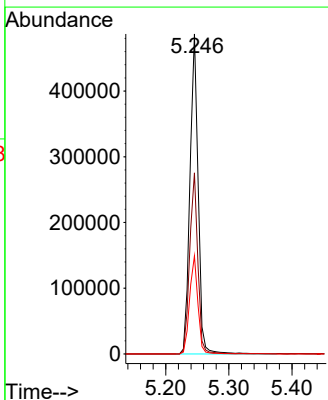
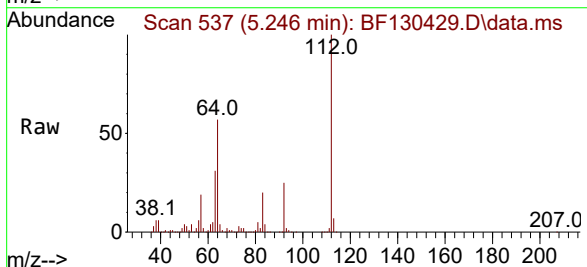
Instrument :
BNA_F
ClientSampleId :
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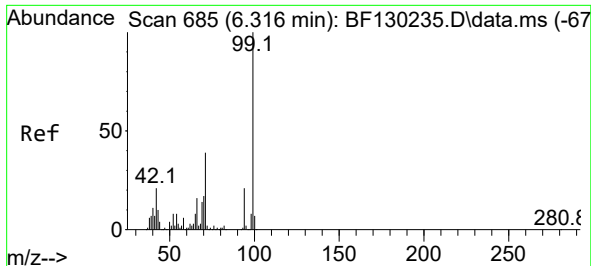
Tgt Ion:152 Resp: 189799
Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 64.3 53.8 80.8



#5
2-Fluorophenol
Concen: 40.301 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:112 Resp: 441002
Ion Ratio Lower Upper
112 100
64 56.6 51.4 77.0
63 30.7 28.8 43.2

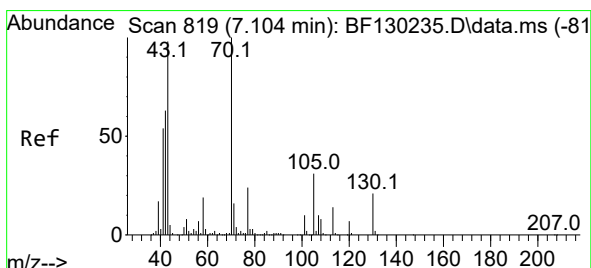
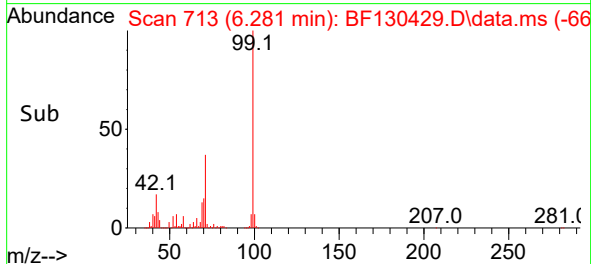
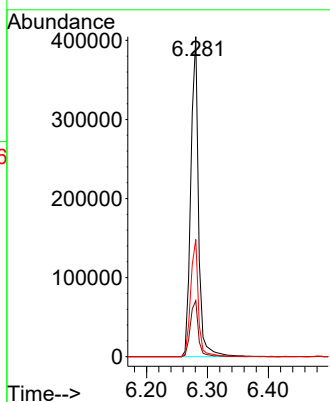
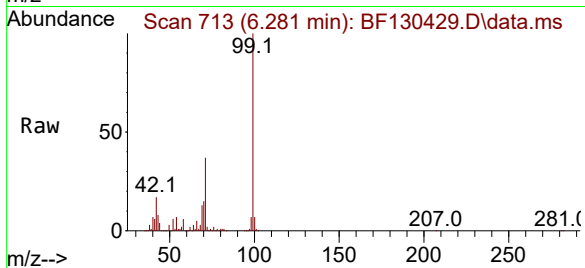




#7
Phenol-d6
Concen: 26.135 ng
RT: 6.281 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

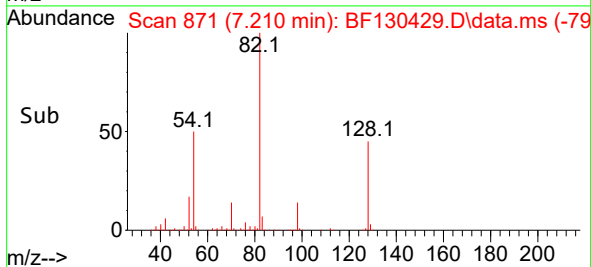
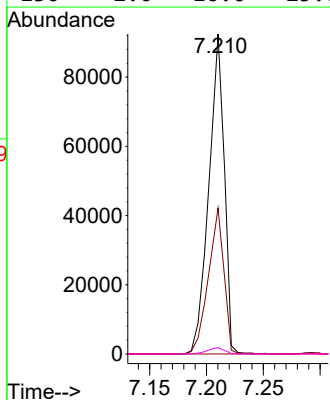
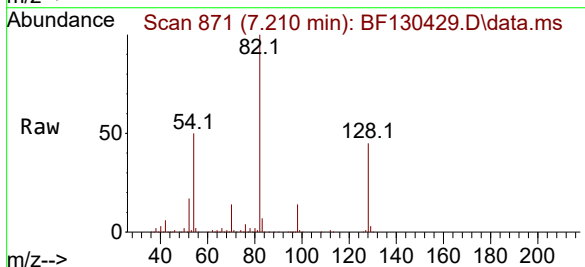
Instrument :
BNA_F
ClientSampleId :
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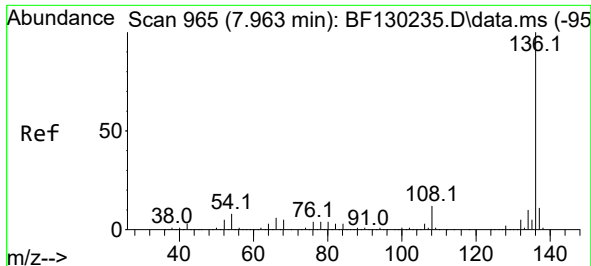
Tgt Ion: 99 Resp: 357837
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.464 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion: 70 Resp: 87436
Ion Ratio Lower Upper
70 100
42 45.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

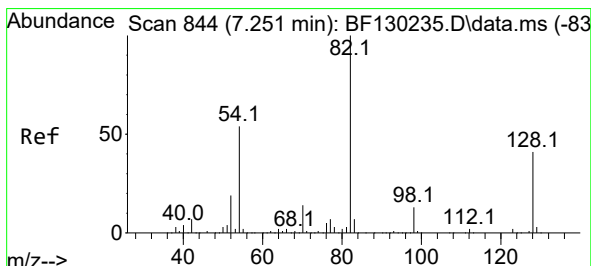
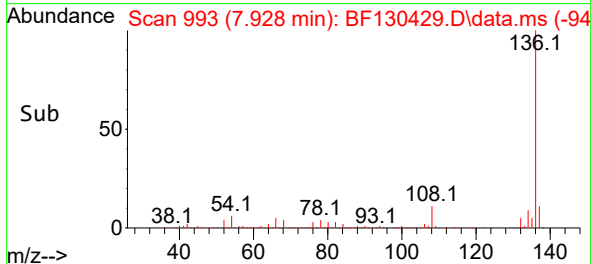
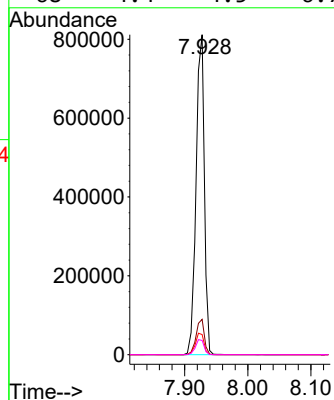
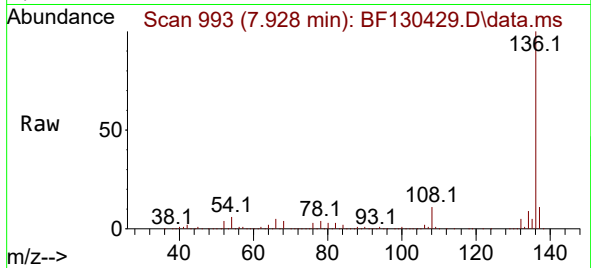




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

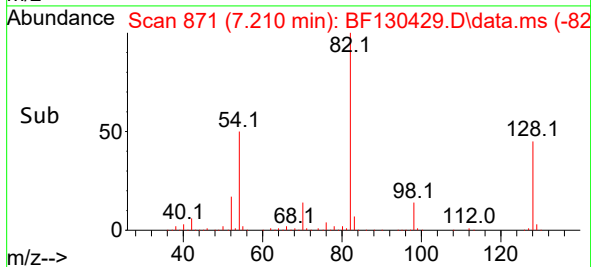
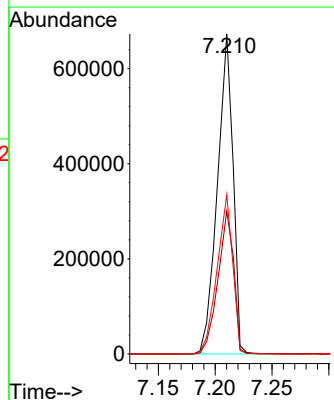
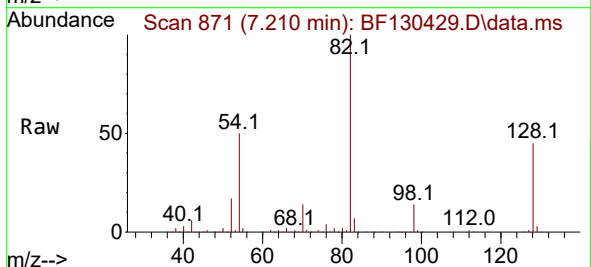
Instrument :
BNA_F
ClientSampleId :
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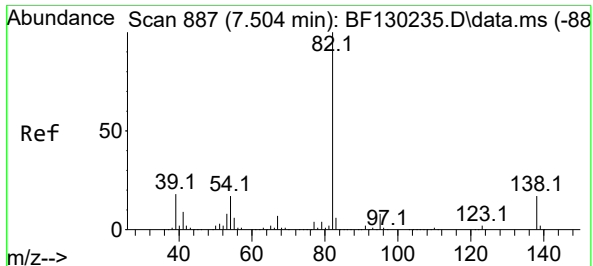
Tgt Ion:136 Resp: 740020
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.3 7.1 10.7#
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 44.521 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion: 82 Resp: 644891
Ion Ratio Lower Upper
82 100
128 44.6 32.6 49.0
54 49.7 43.8 65.6

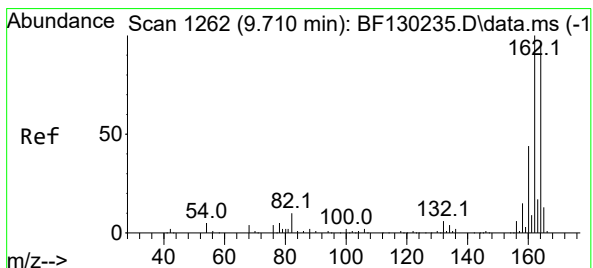
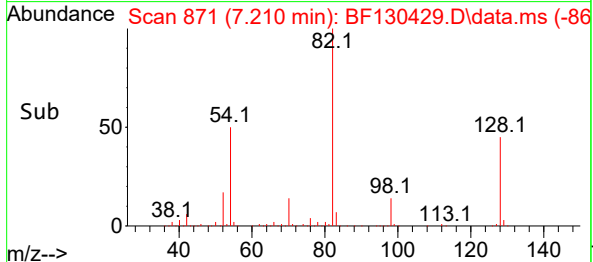
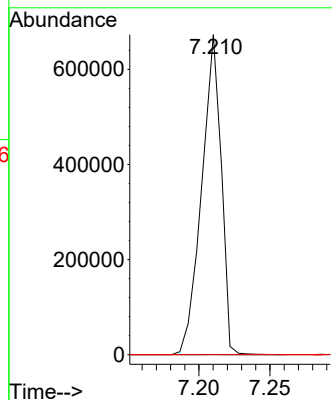
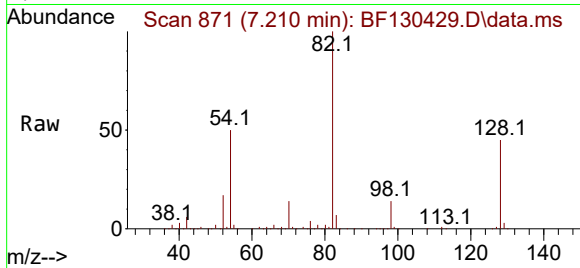




#25
Isophorone
Concen: 27.485 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

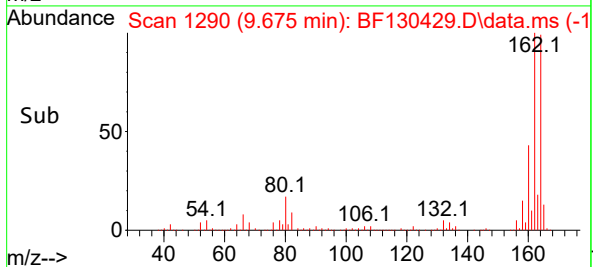
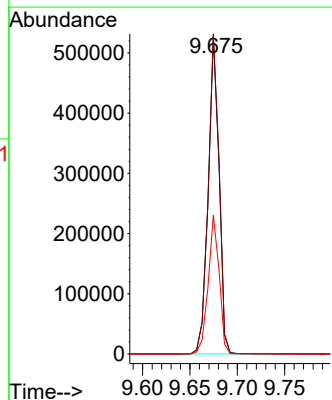
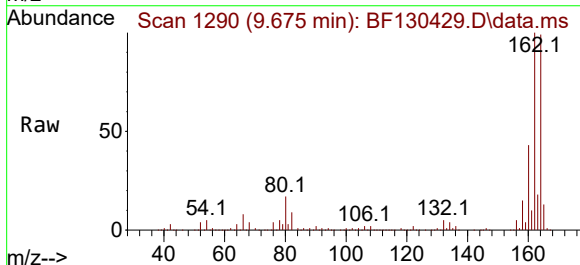
Instrument :
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ClientSampleId :
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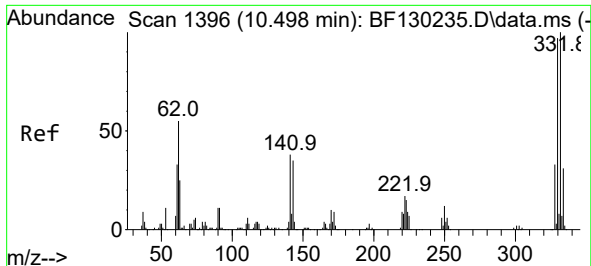
Tgt Ion: 82 Resp: 641669
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:164 Resp: 417592
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 43.6 36.2 54.4

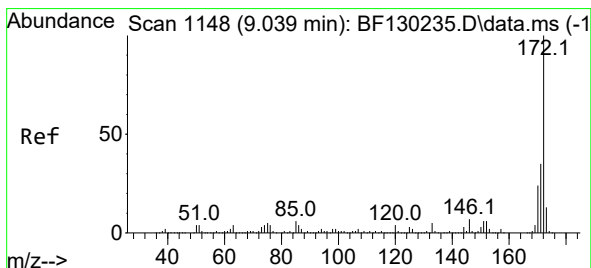
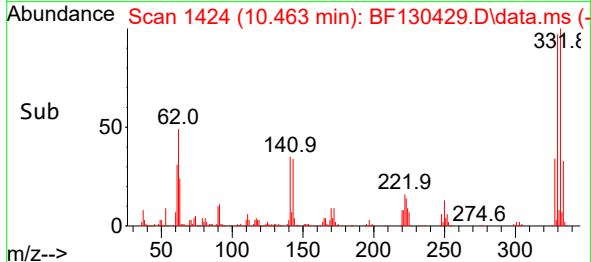
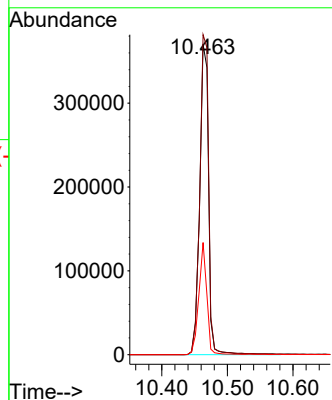
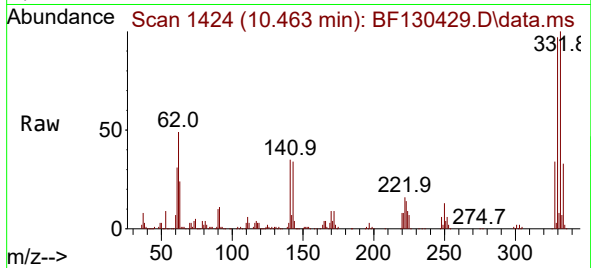




#42
2,4,6-Tribromophenol
Concen: 87.252 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

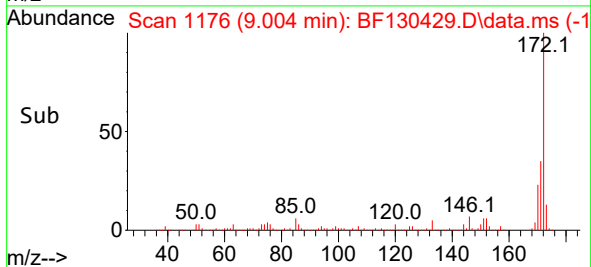
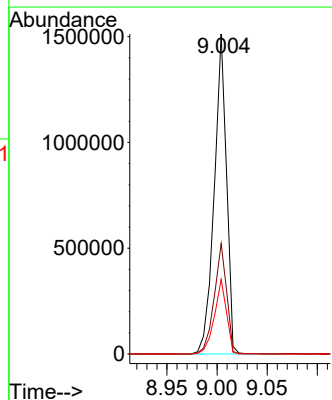
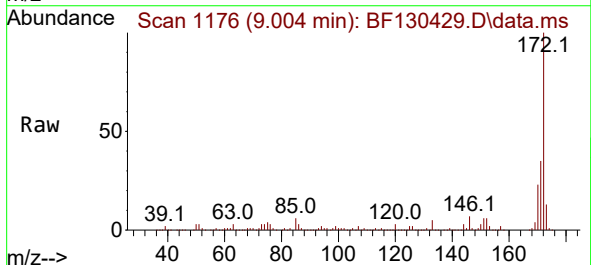
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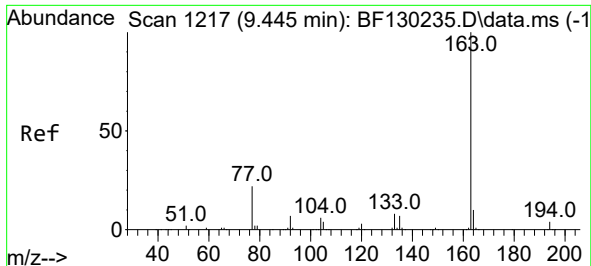
Tgt Ion:330 Resp: 349123
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 32.8 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 44.925 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:172 Resp: 1288317
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 18.7 28.1

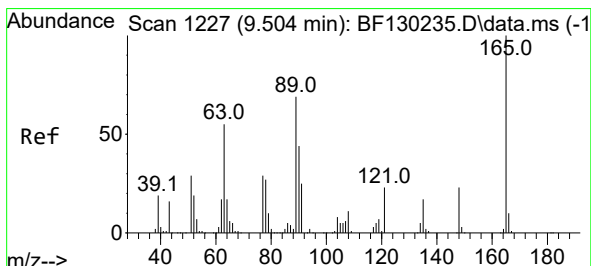
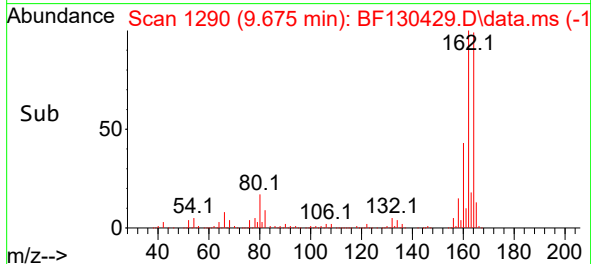
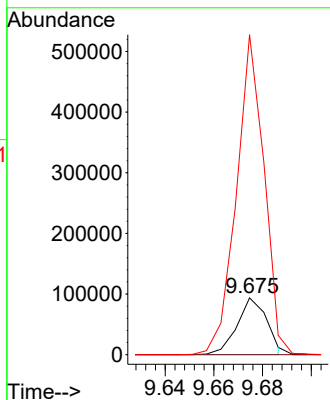
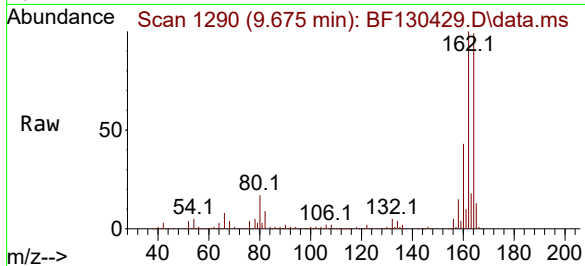




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.259 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

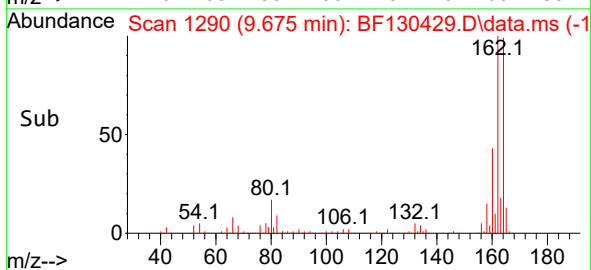
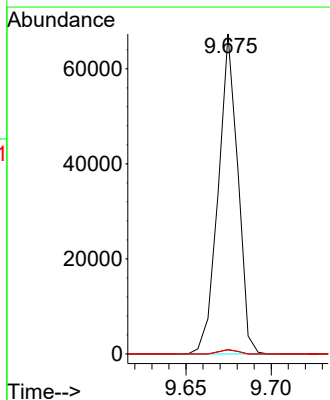
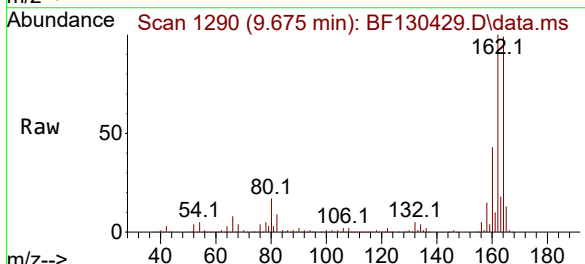
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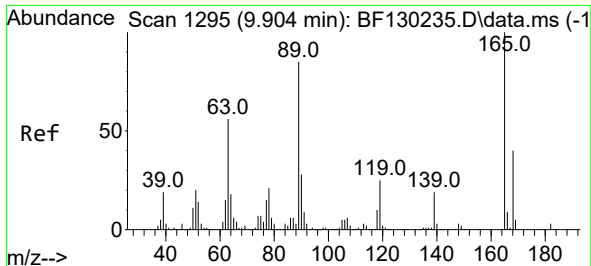
Tgt Ion:163 Resp: 79894
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 563.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.200 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:165 Resp: 53706
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.4 54.5 81.7#

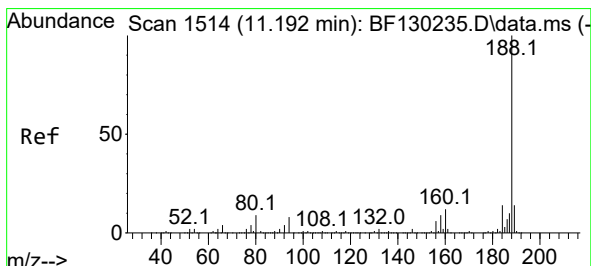
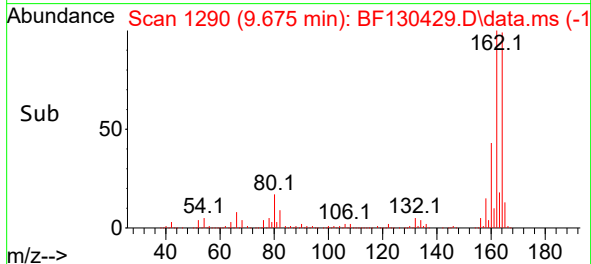
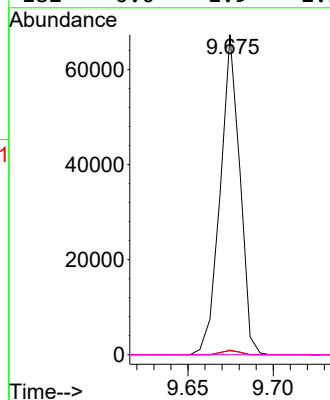
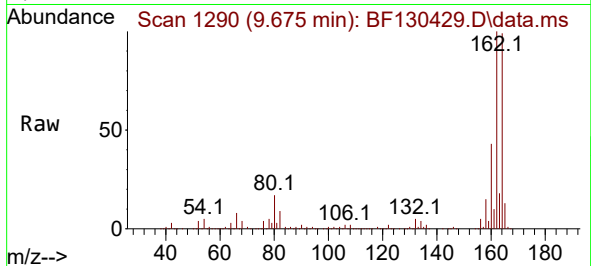




#57
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

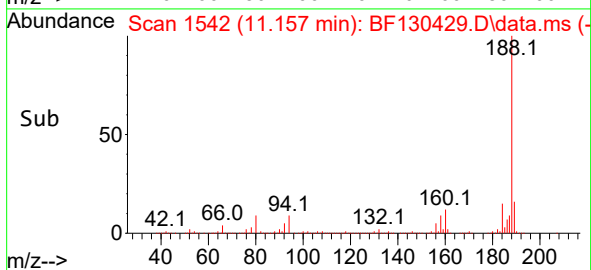
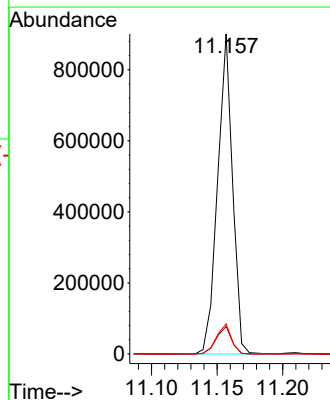
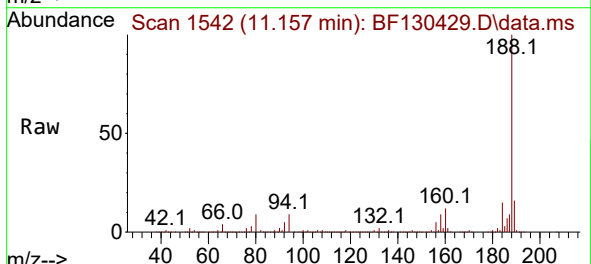
Instrument :
BNA_F
ClientSampleId :
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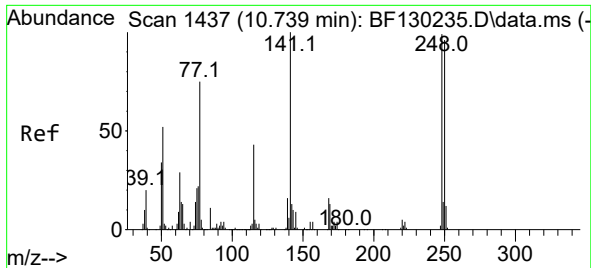
Tgt Ion:165 Resp: 53706
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.4 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:188 Resp: 712354
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 7.9 11.9

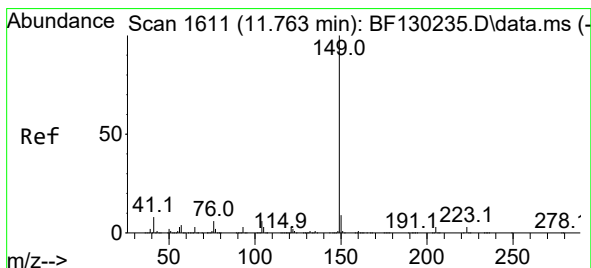
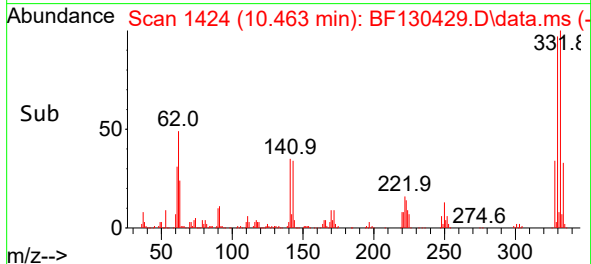
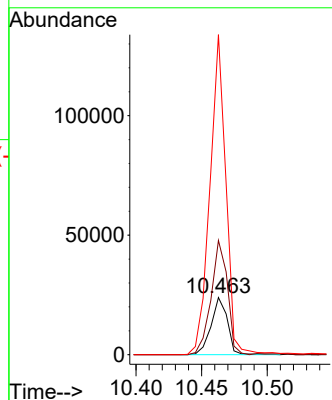
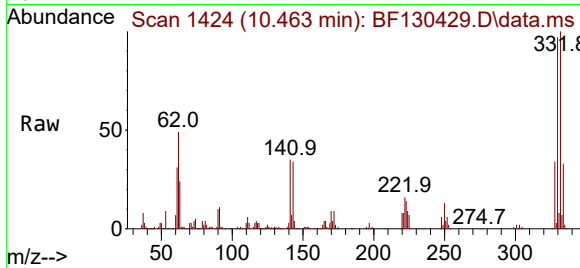




#67
4-Bromophenyl-phenylether
Concen: 2.645 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

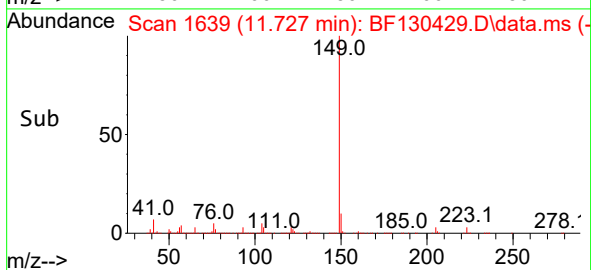
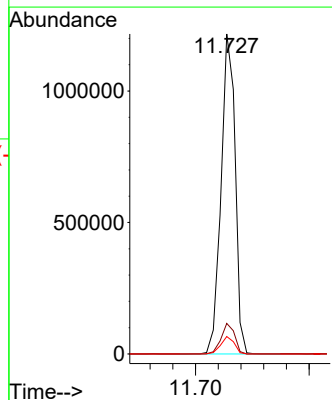
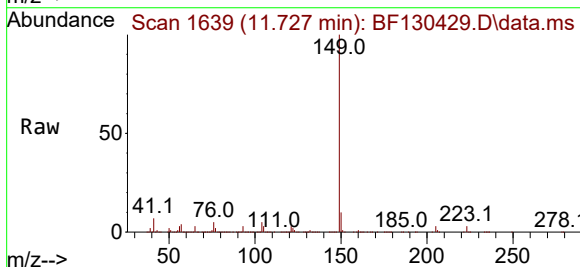
Instrument :
BNA_F
ClientSampleId :
004-1

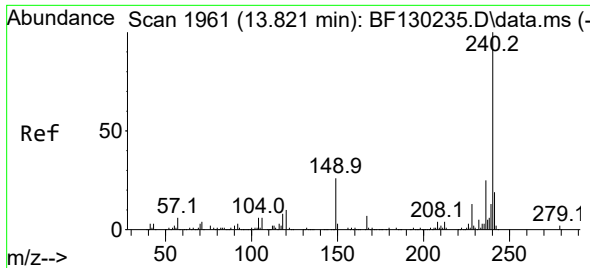
Tgt Ion:248 Resp: 20785
Ion Ratio Lower Upper
248 100
250 199.8 80.0 120.0#
141 559.5 68.5 102.7#



#74
Di-n-butylphthalate
Concen: 24.987 ng
RT: 11.727 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:149 Resp: 1049549
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.4 4.8 7.2

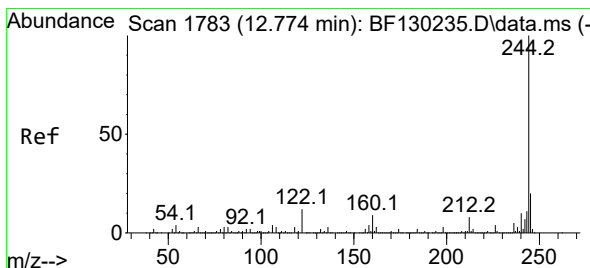
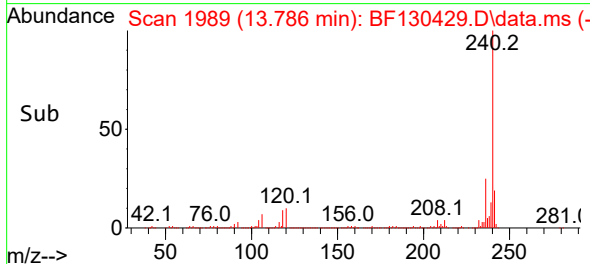
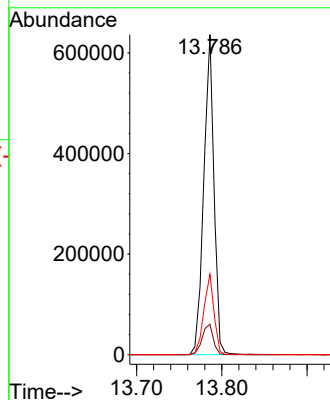
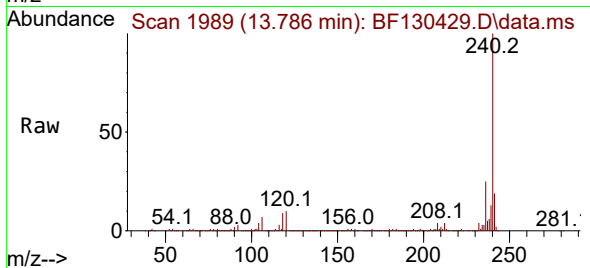




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

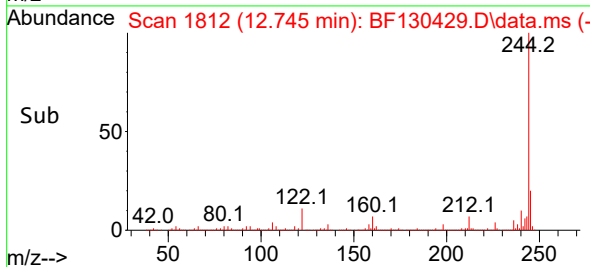
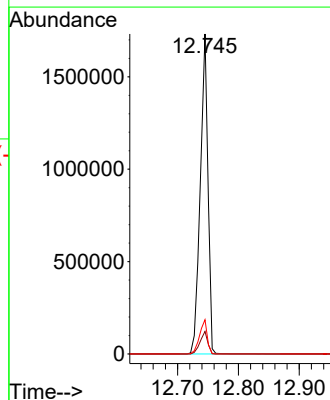
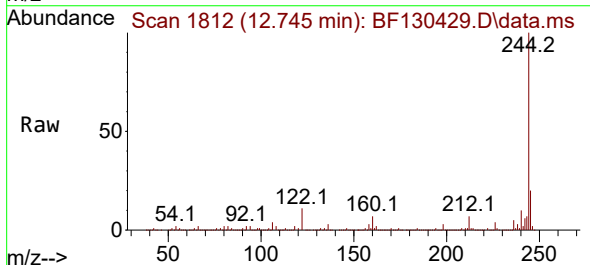
Instrument :
BNA_F
ClientSampleId :
004-1

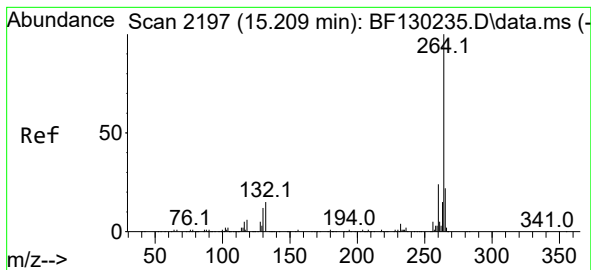
Tgt Ion:240 Resp: 530206
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 47.546 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF130429.D
Acq: 27 Sep 2022 17:26

Tgt Ion:244 Resp: 1521827
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.7 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130429.D

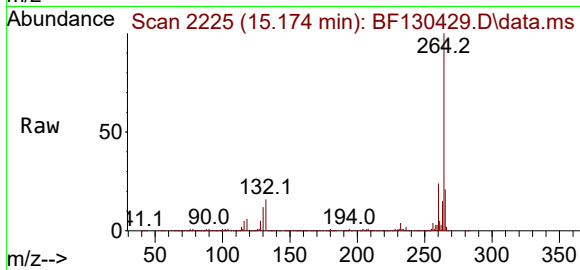
Acq: 27 Sep 2022 17:26

Instrument :

BNA_F

ClientSampleId :

004-1



Tgt Ion:264 Resp: 405179

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.2 17.0 25.4

