

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130472.D
 Acq On : 29 Sep 2022 18:08
 Operator : CG\JU
 Sample : N4803-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-1-(10-17)

Quant Time: Sep 30 03:09:09 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)

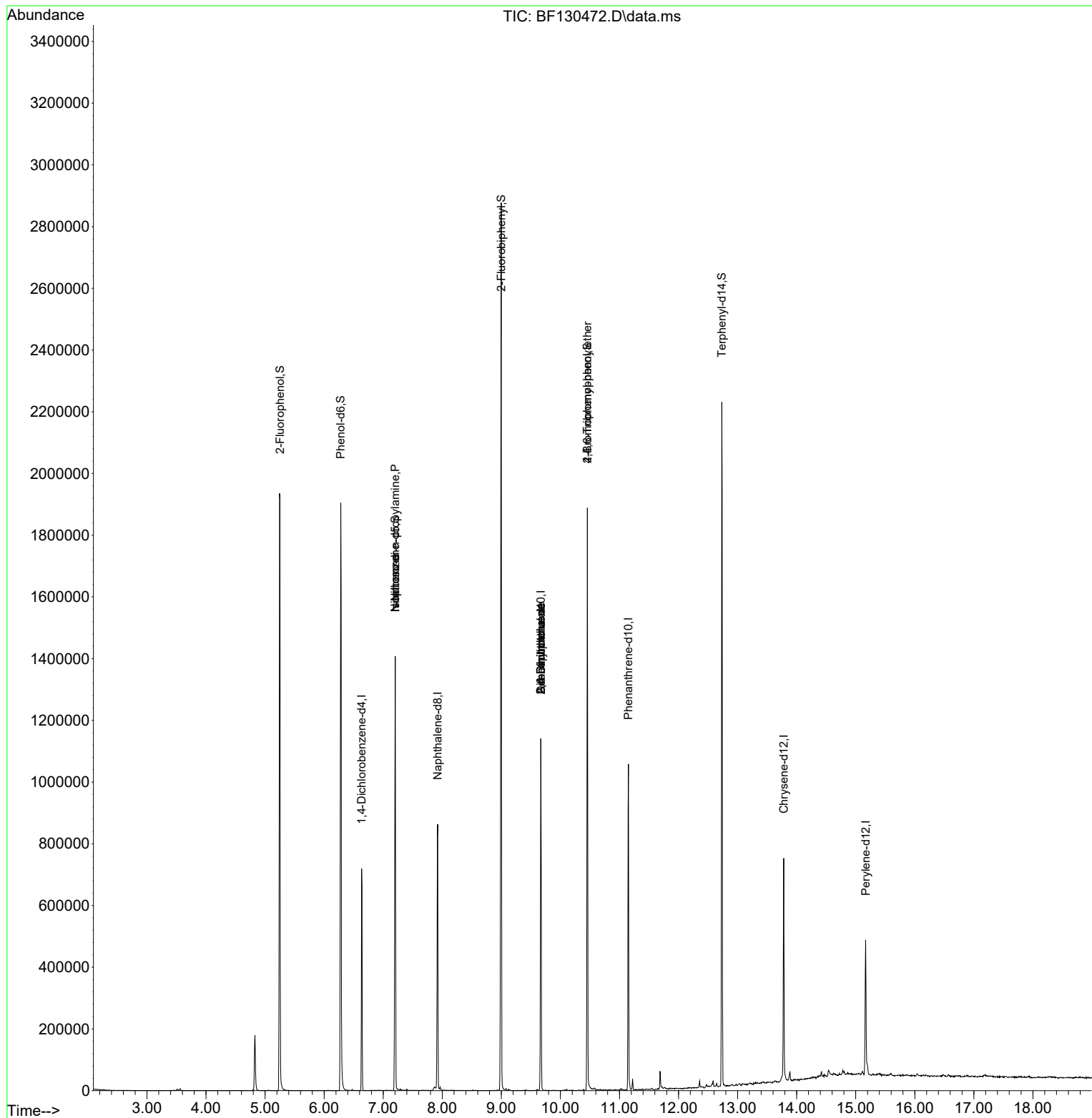
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	107682	20.000	ng	-0.01
21) Naphthalene-d8	7.922	136	426569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	223380	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	374610	20.000	ng	0.00
76) Chrysene-d12	13.780	240	216915	20.000	ng	-0.01
86) Perylene-d12	15.168	264	177701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	578872	93.241	ng	0.00
7) Phenol-d6	6.281	99	728502	93.781	ng	-0.01
23) Nitrobenzene-d5	7.204	82	448274	53.688	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	217936	101.820	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	874195	56.988	ng	-0.01
79) Terphenyl-d14	12.733	244	757275	57.830	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.204	70	61047	11.646	ng	# 73
25) Isophorone	7.204	82	444602	33.037	ng	# 66
50) Dimethylphthalate	9.669	163	42894	2.780	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	28928	8.964	ng	# 15
57) 2,4-Dinitrotoluene	9.669	165	28928	7.014	ng	# 16
67) 4-Bromophenyl-phenylether	10.457	248	13368	3.235	ng	# 1

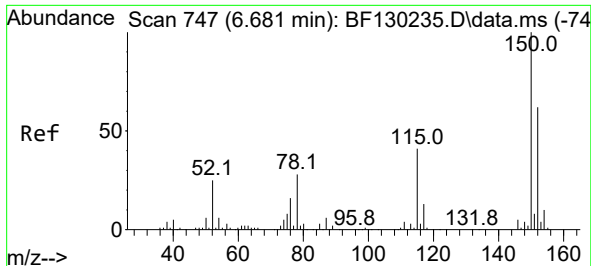
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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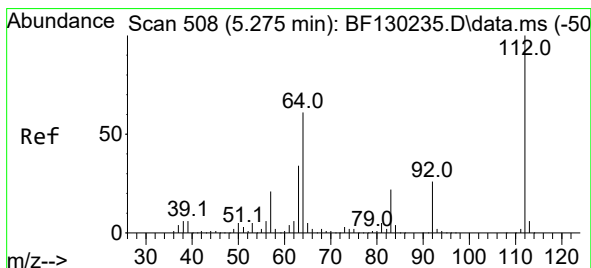
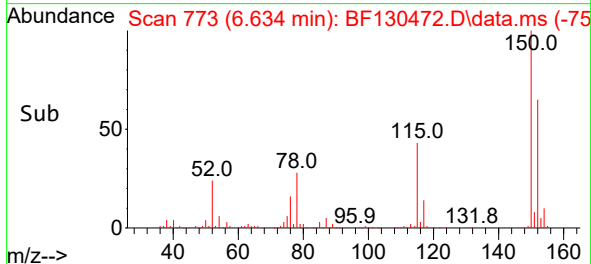
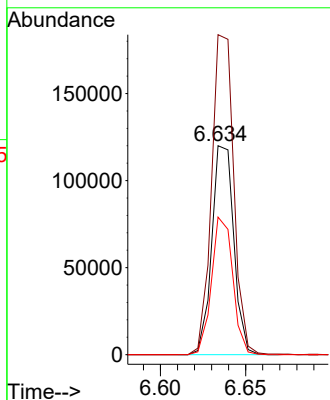
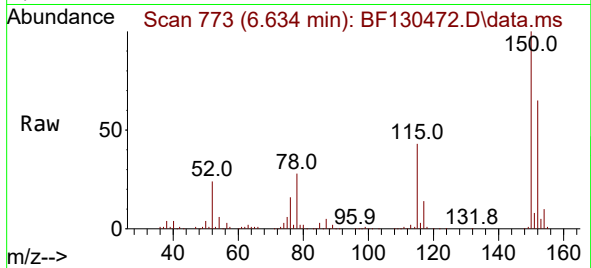




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

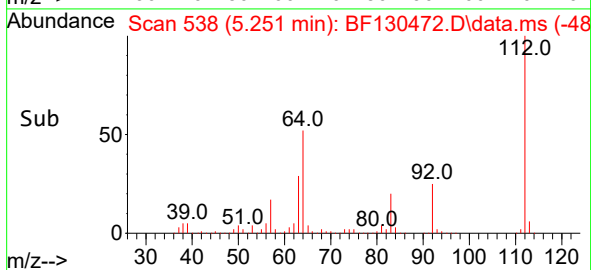
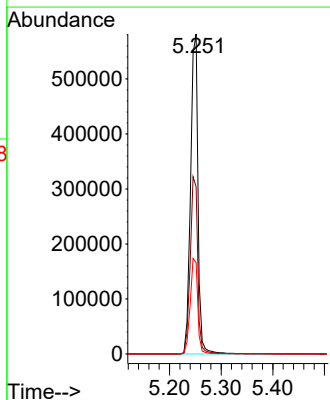
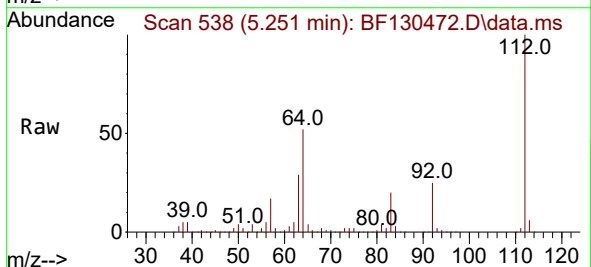
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

Tgt Ion:152 Resp: 107682
Ion Ratio Lower Upper
152 100
150 153.1 122.8 184.2
115 65.8 53.8 80.8



#5
2-Fluorophenol
Concen: 93.241 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Tgt Ion:112 Resp: 578872
Ion Ratio Lower Upper
112 100
64 52.1 51.4 77.0
63 28.5 28.8 43.2#

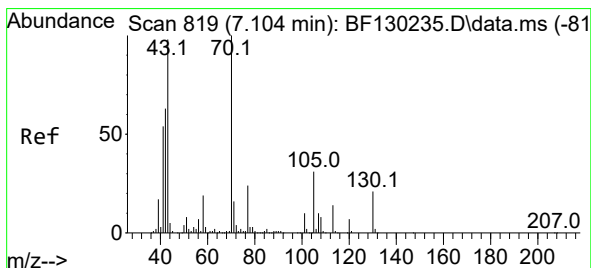
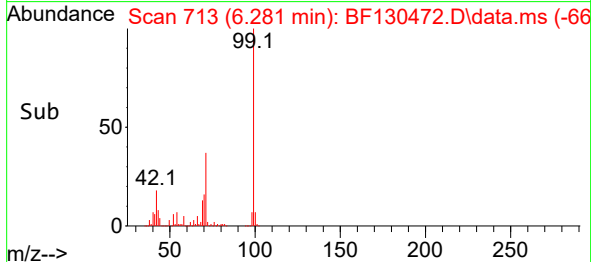
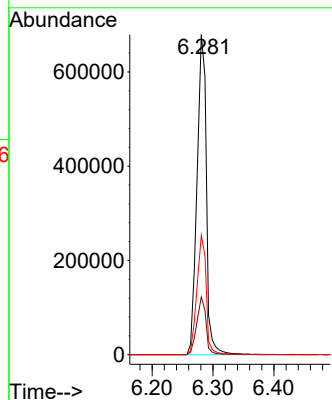
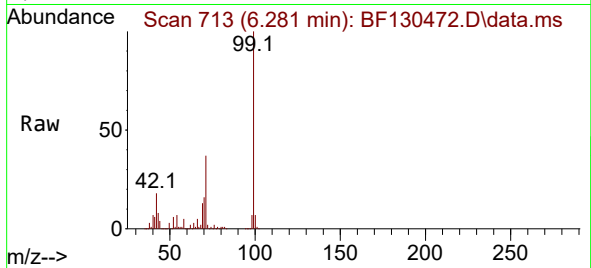




#7
Phenol-d6
Concen: 93.781 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

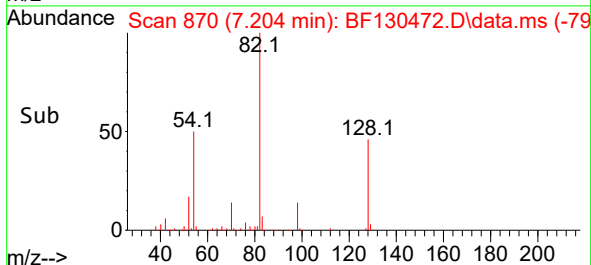
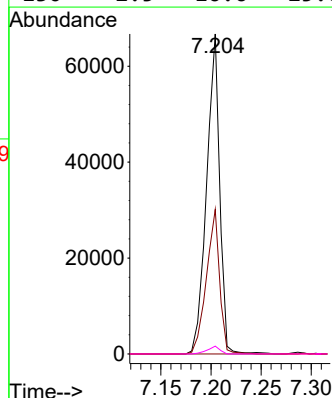
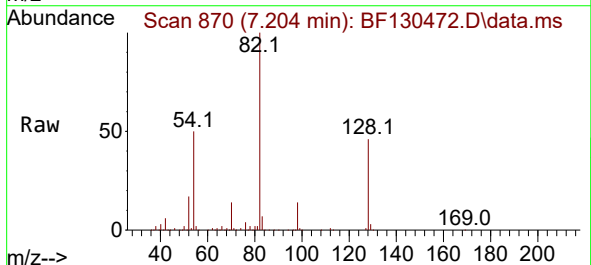
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

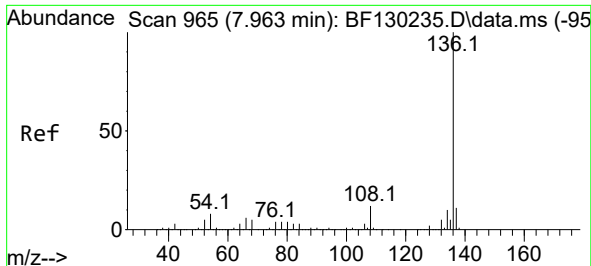
Tgt Ion: 99 Resp: 728502
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.646 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Tgt Ion: 70 Resp: 61047
Ion Ratio Lower Upper
70 100
42 45.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.5 16.6 25.0#

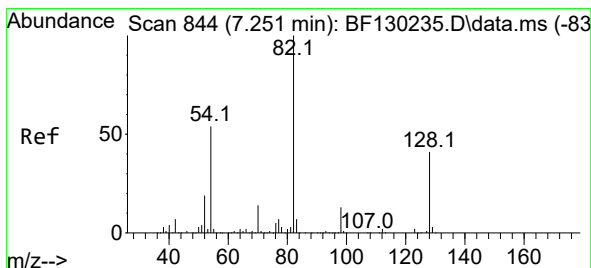
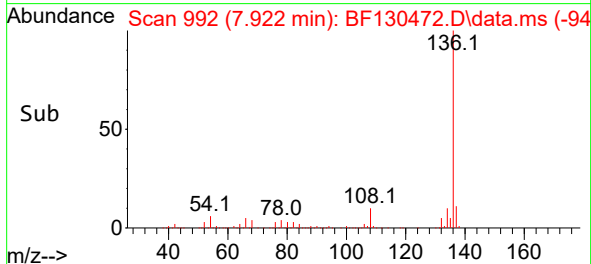
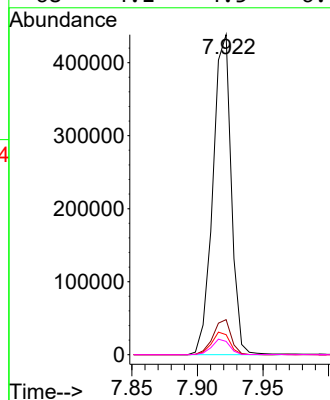
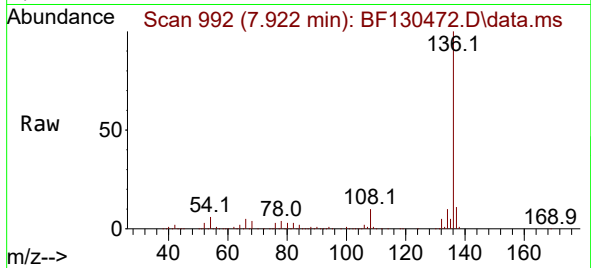




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

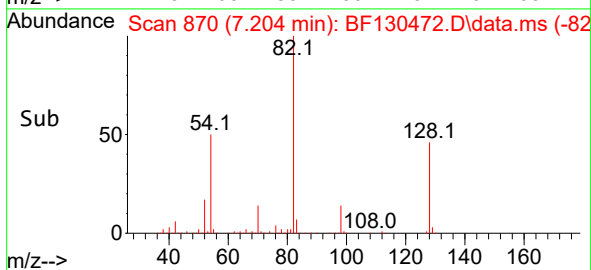
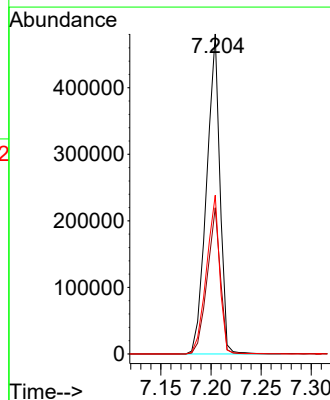
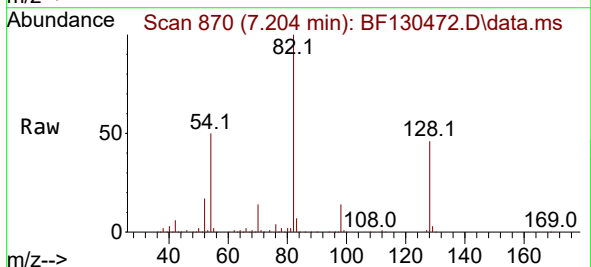
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

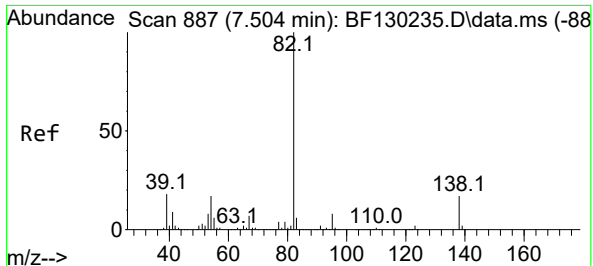
Tgt Ion:136 Resp: 426569
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.3 7.1 10.7#
68 4.1 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 53.688 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Tgt Ion: 82 Resp: 448274
Ion Ratio Lower Upper
82 100
128 45.7 32.6 49.0
54 49.6 43.8 65.6

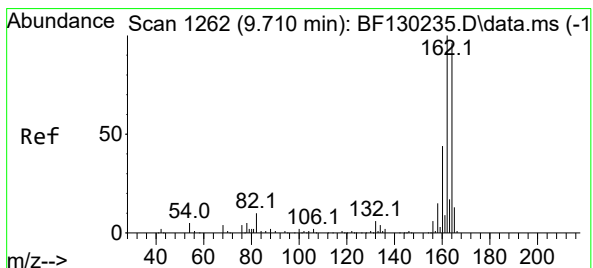
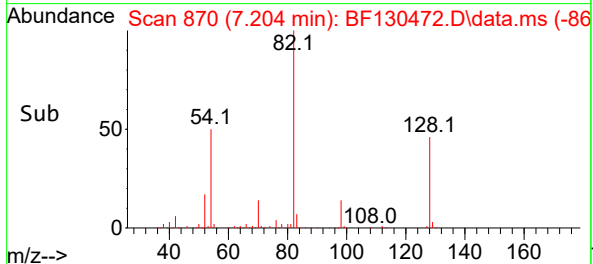
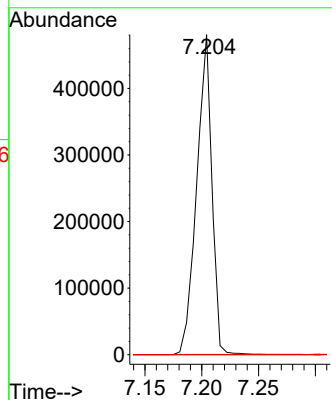
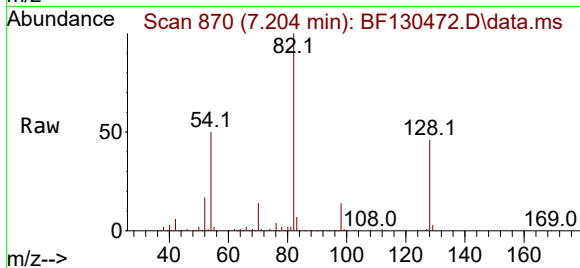




#25
Isophorone
Concen: 33.037 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

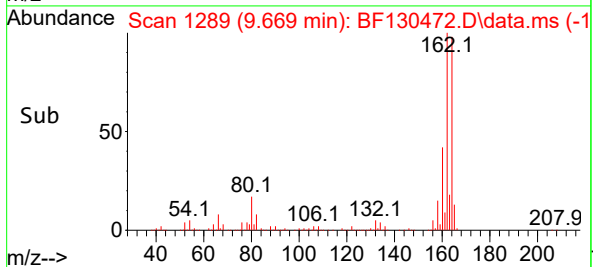
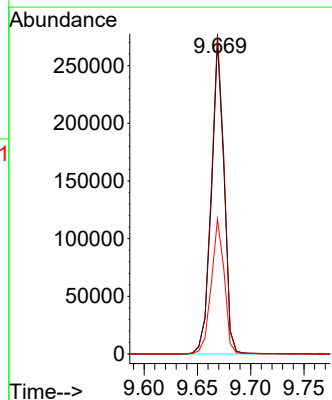
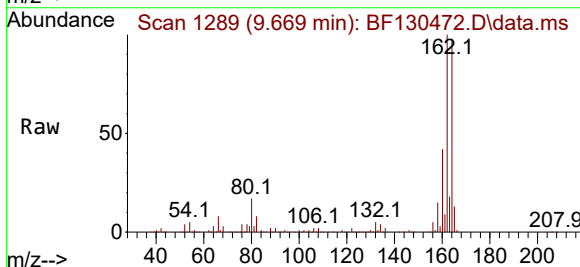
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

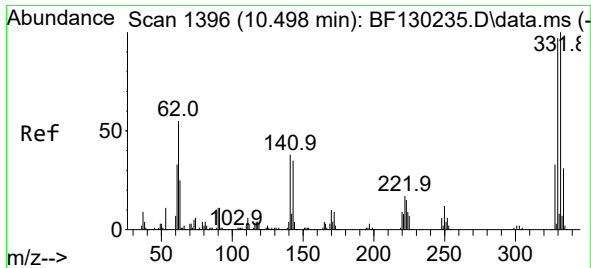
Tgt Ion: 82 Resp: 444602
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

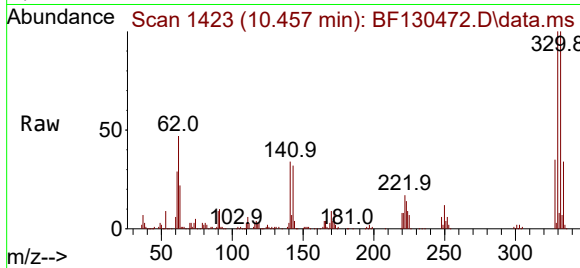
Tgt Ion: 164 Resp: 223380
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 43.1 36.2 54.4



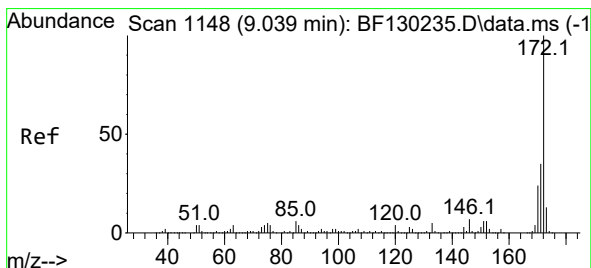
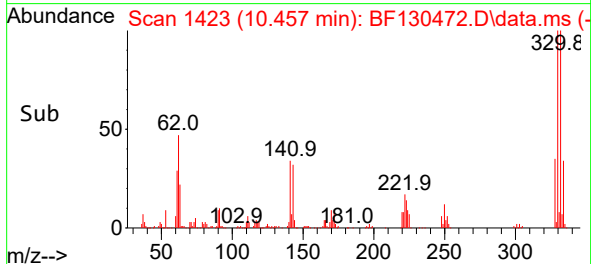
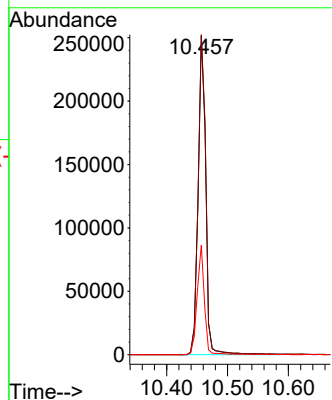


#42
2,4,6-Tribromophenol
Concen: 101.820 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

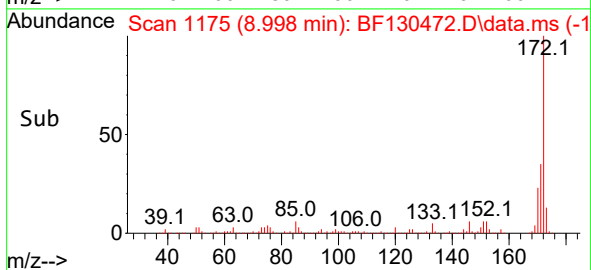
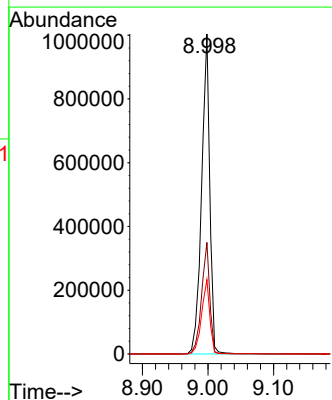
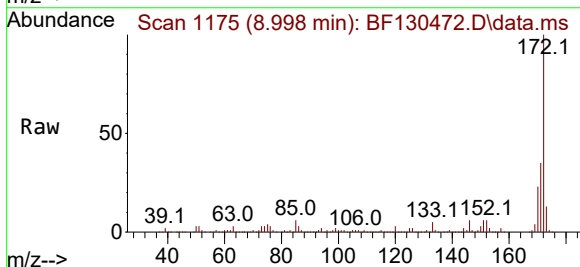


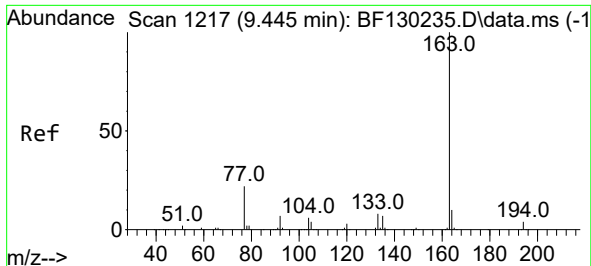
Tgt Ion:330 Resp: 217936
Ion Ratio Lower Upper
330 100
332 100.6 83.4 125.2
141 32.6 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 56.988 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Tgt Ion:172 Resp: 874195
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 18.7 28.1

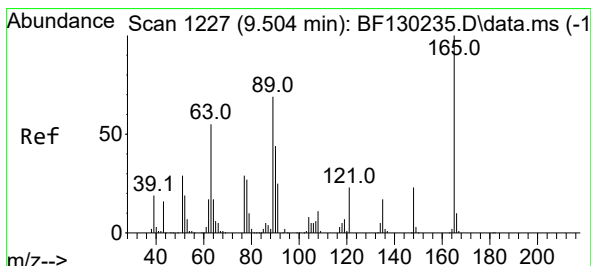
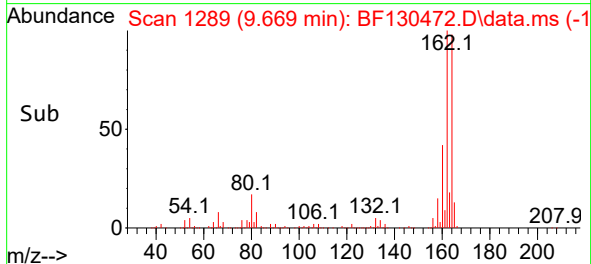
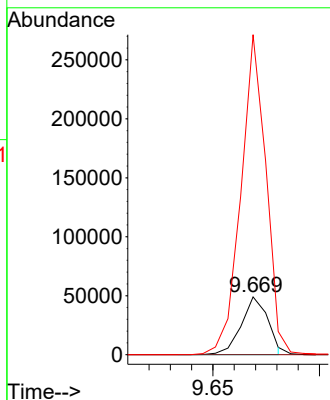
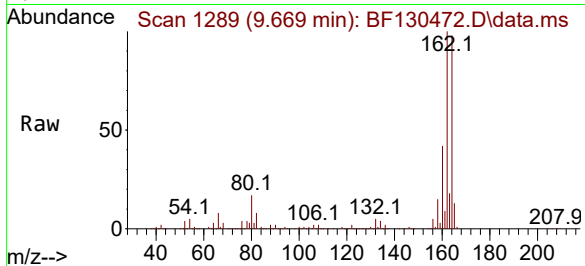




#50
Dimethylphthalate
Concen: 2.780 ng
RT: 9.669 min Scan# 1217
Delta R.T. 0.253 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

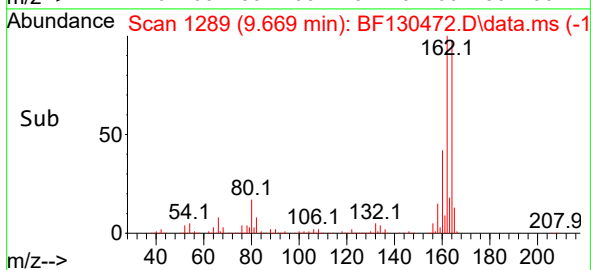
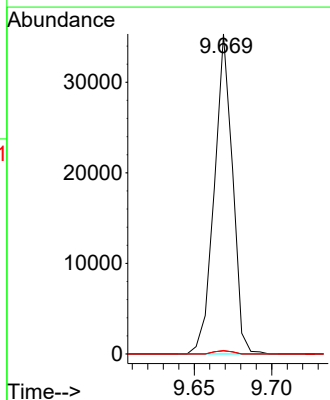
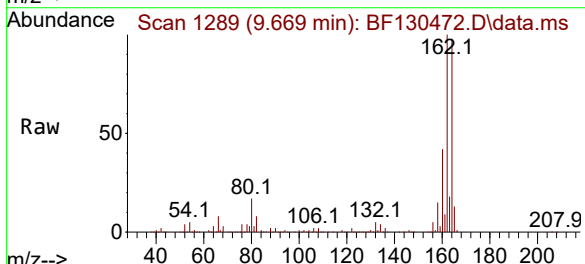
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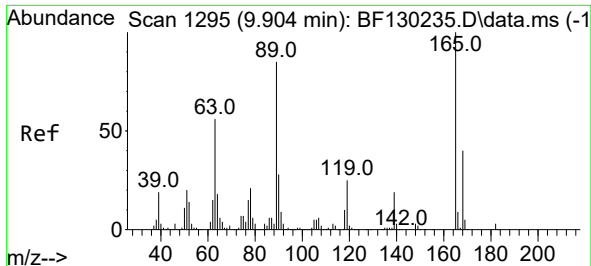
Tgt Ion:163 Resp: 42894
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 553.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.964 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

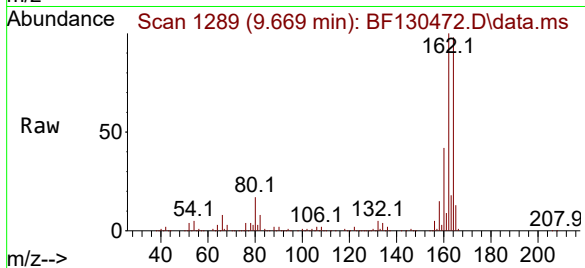
Tgt Ion:165 Resp: 28928
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 1.1 54.5 81.7#



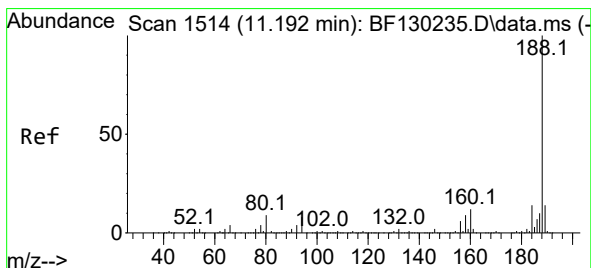
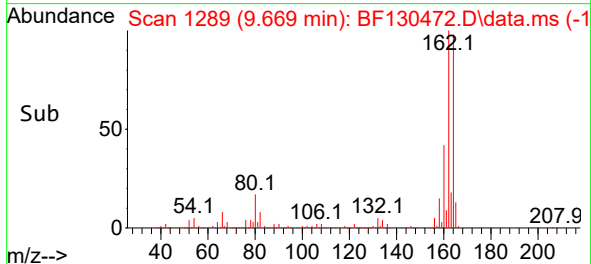
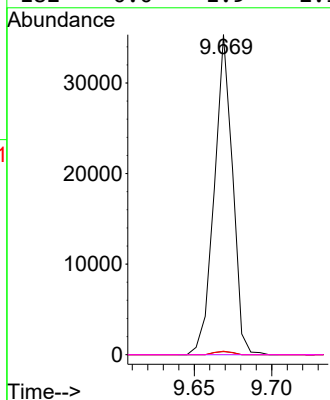


#57
 2,4-Dinitrotoluene
 Concen: 7.014 ng
 RT: 9.669 min Scan# 11
 Delta R.T. -0.206 min
 Lab File: BF130472.D
 Acq: 29 Sep 2022 18:08

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-1-(10-17)

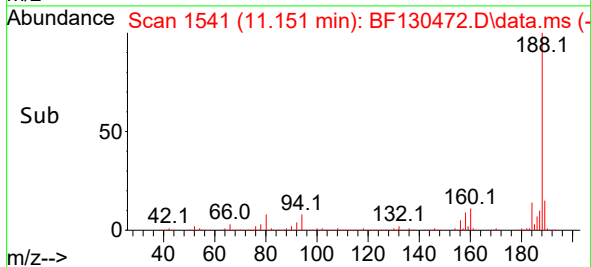
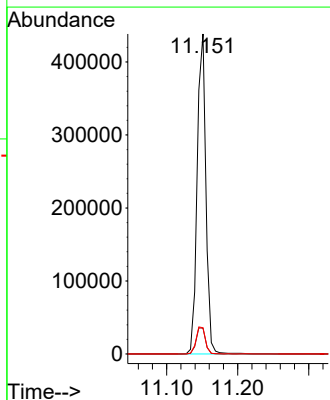
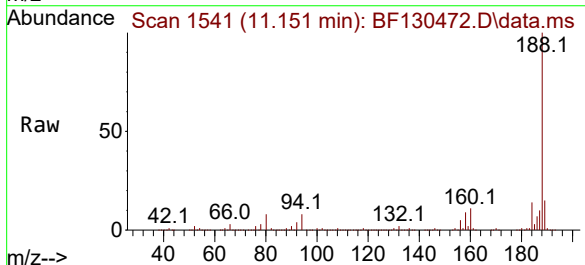


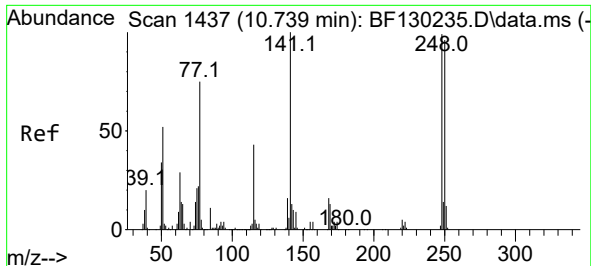
Tgt Ion:165 Resp: 28928
 Ion Ratio Lower Upper
 165 100
 63 0.9 44.7 67.1#
 89 1.1 69.0 103.4#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.151 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: BF130472.D
 Acq: 29 Sep 2022 18:08

Tgt Ion:188 Resp: 374610
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.4 11.2
 80 8.2 7.9 11.9

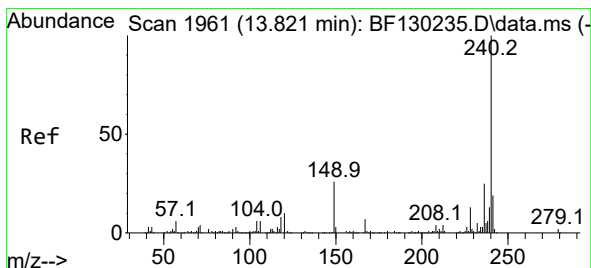
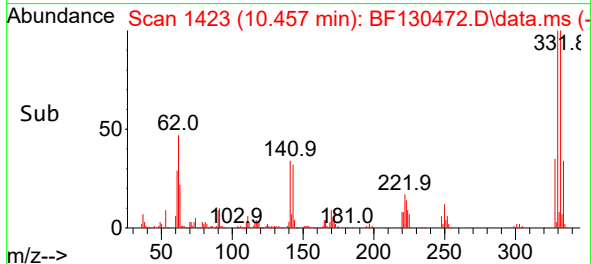
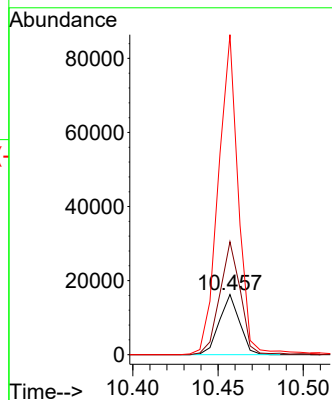
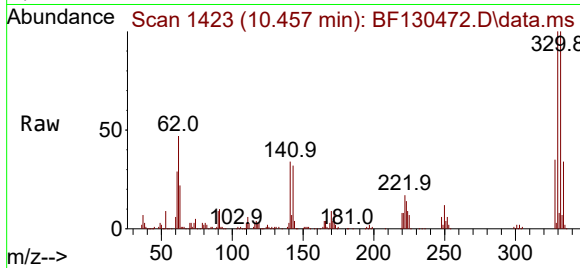




#67
4-Bromophenyl-phenylether
Concen: 3.235 ng
RT: 10.457 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

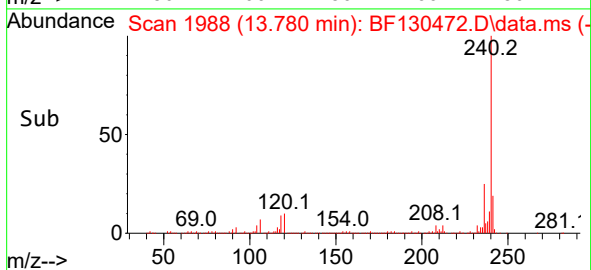
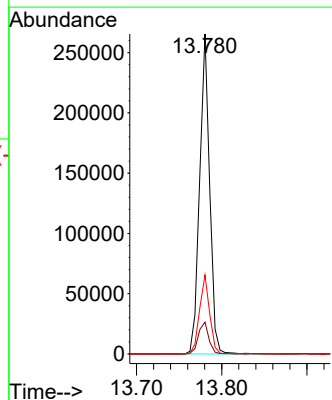
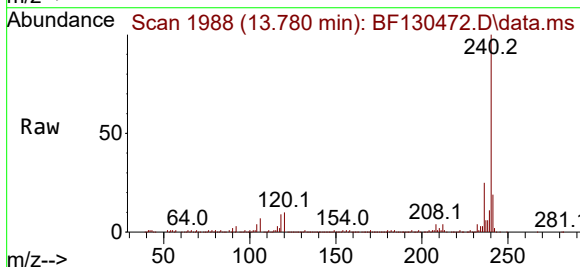
Instrument :
BNA_F
ClientSampleId :
SASP2-T-1-(10-17)

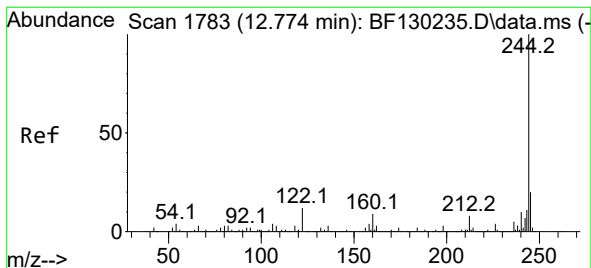
Tgt Ion:248 Resp: 13368
Ion Ratio Lower Upper
248 100
250 188.0 80.0 120.0#
141 532.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130472.D
Acq: 29 Sep 2022 18:08

Tgt Ion:240 Resp: 216915
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 24.7 20.9 31.3





#79

Terphenyl-d14

Concen: 57.830 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130472.D

Acq: 29 Sep 2022 18:08

Instrument :

BNA_F

ClientSampleId :

SASP2-T-1-(10-17)

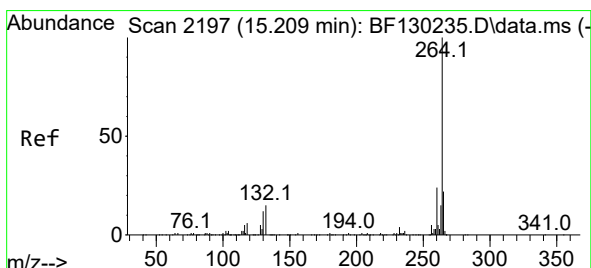
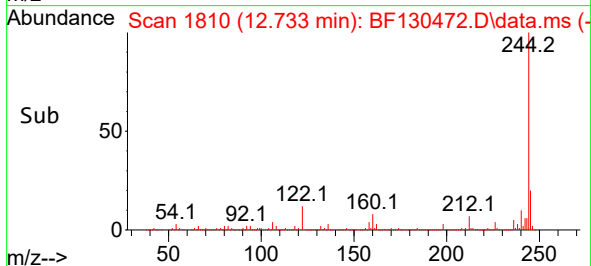
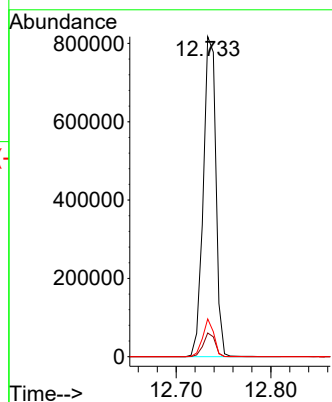
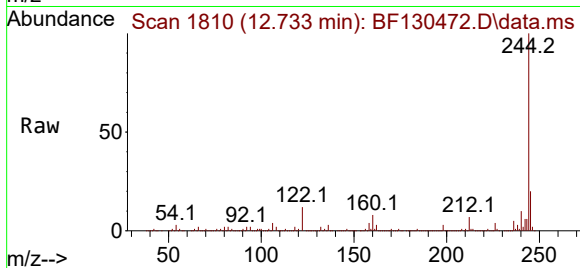
Tgt Ion:244 Resp: 757275

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.8 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.168 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BF130472.D

Acq: 29 Sep 2022 18:08

Tgt Ion:264 Resp: 177701

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.8 17.0 25.4

