

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130402.D
 Acq On : 26 Sep 2022 11:15
 Operator : CG\JU
 Sample : N4609-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

Quant Time: Sep 27 01:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

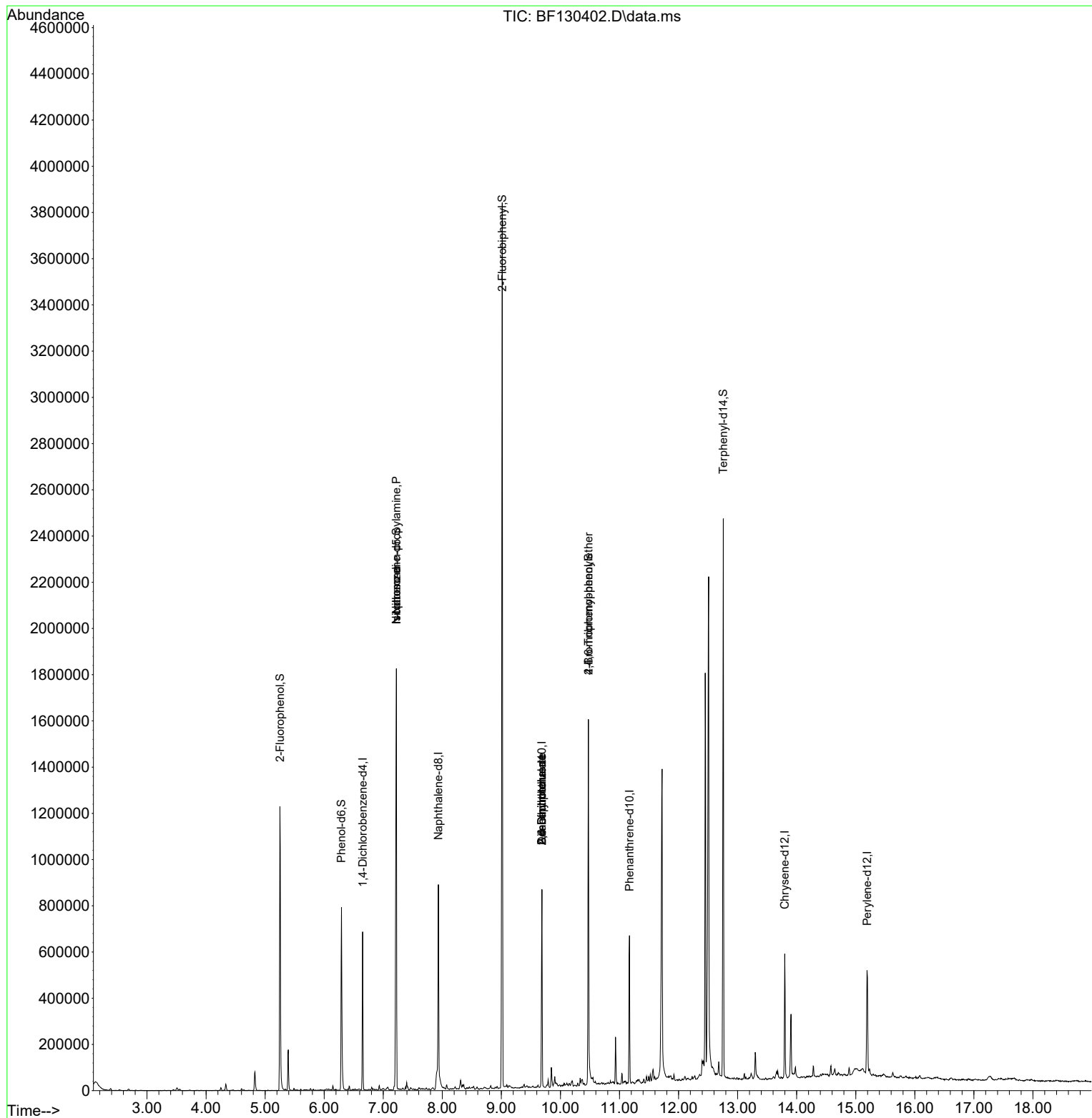
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	88028	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	329772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	162019	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	217922	20.000	ng	0.00
76) Chrysene-d12	13.798	240	162640	20.000	ng	0.00
86) Perylene-d12	15.192	264	198072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	360323	70.996	ng	0.00
7) Phenol-d6	6.292	99	279897	44.076	ng	0.00
23) Nitrobenzene-d5	7.222	82	585450	90.698	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	186397	120.066	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1097648	98.654	ng	0.00
79) Terphenyl-d14	12.757	244	726018	73.945	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	81570	19.036	ng	# 73
25) Isophorone	7.222	82	585443	56.272	ng	# 66
50) Dimethylphthalate	9.686	163	30895	2.761	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	20488	8.753	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	20488	6.849	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	11515	4.790	ng	# 1

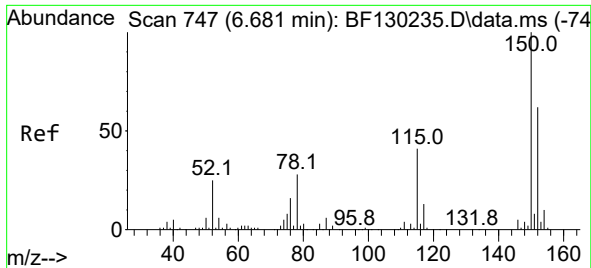
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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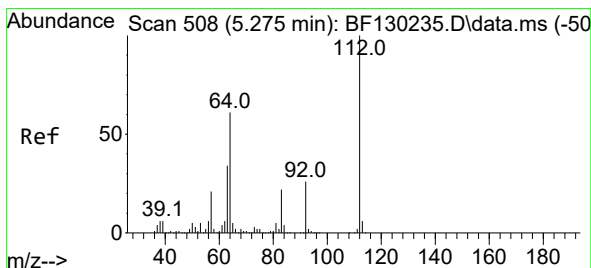
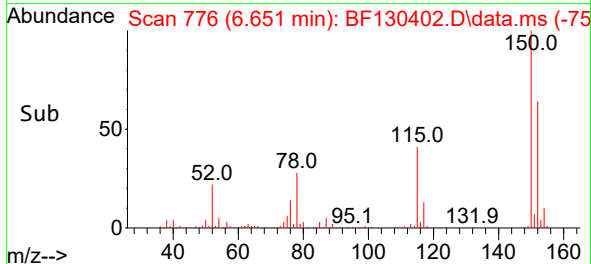
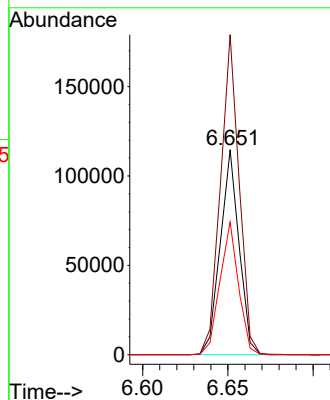
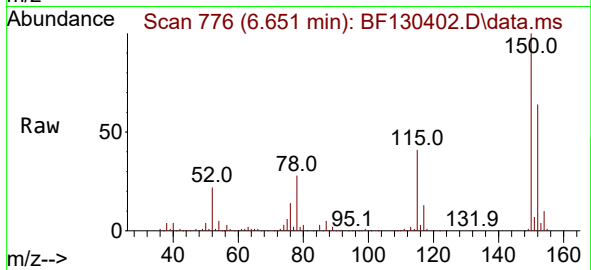




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130402.D
 Acq: 26 Sep 2022 11:15

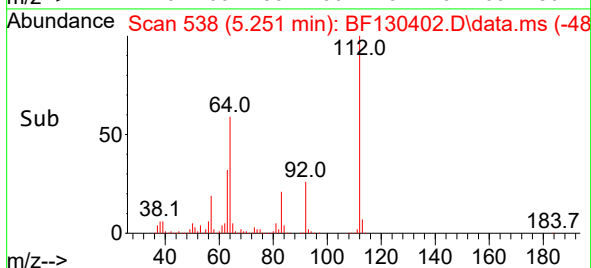
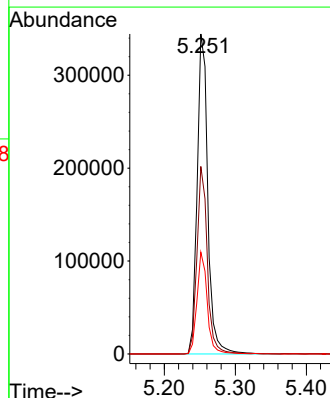
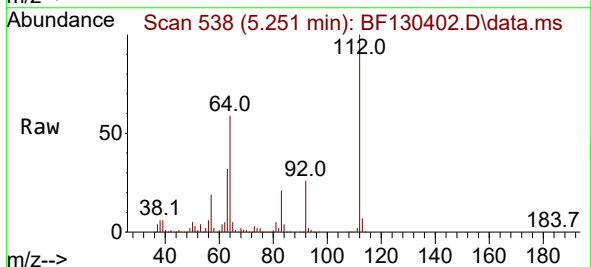
Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

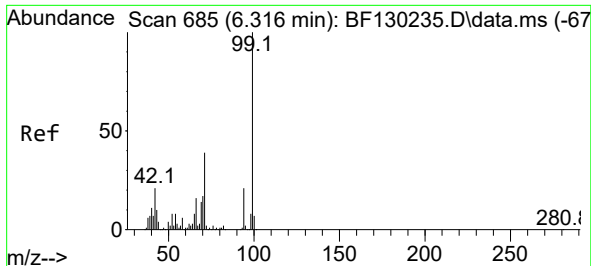
Tgt Ion:152 Resp: 88028
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.8 184.2
 115 64.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 70.996 ng
 RT: 5.251 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130402.D
 Acq: 26 Sep 2022 11:15

Tgt Ion:112 Resp: 360323
 Ion Ratio Lower Upper
 112 100
 64 58.6 51.4 77.0
 63 31.8 28.8 43.2

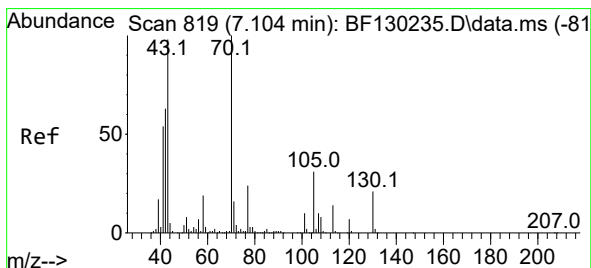
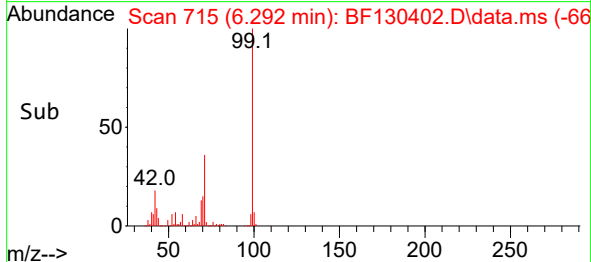
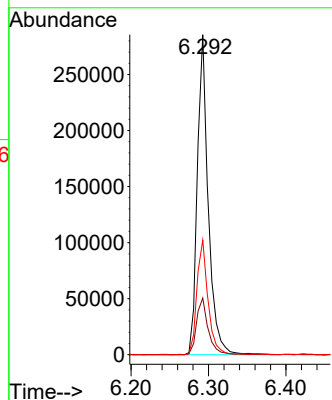
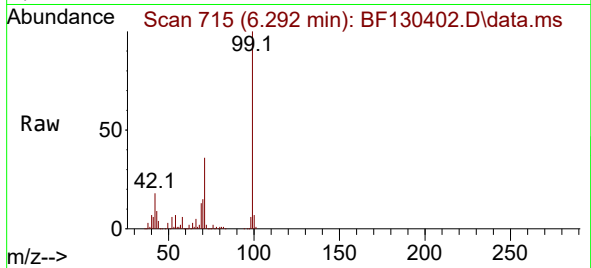




#7
Phenol-d6
Concen: 44.076 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

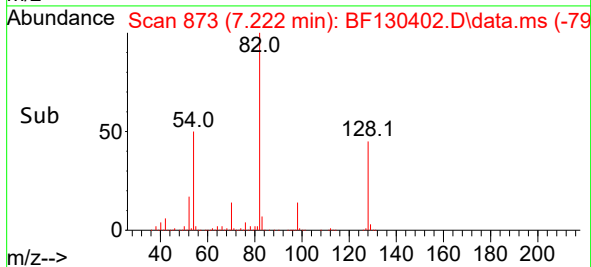
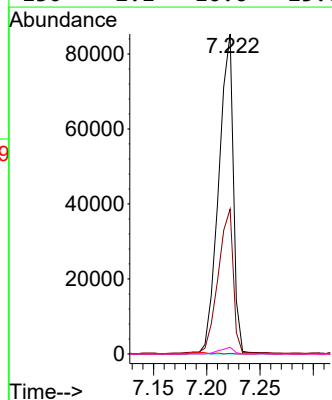
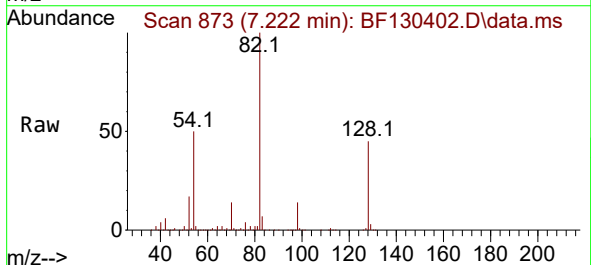
Instrument :
BNA_F
ClientSampleId :
DSN001RE

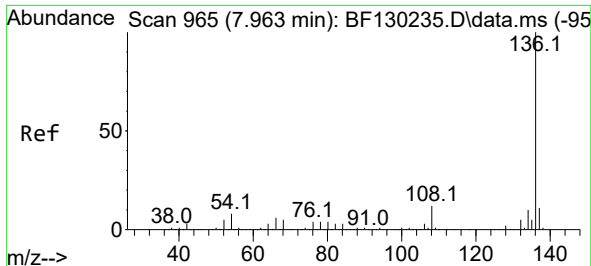
Tgt Ion: 99 Resp: 279897
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.036 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

Tgt Ion: 70 Resp: 81570
Ion Ratio Lower Upper
70 100
42 45.3 50.8 76.2#
101 0.2 8.2 12.4#
130 2.1 16.6 25.0#

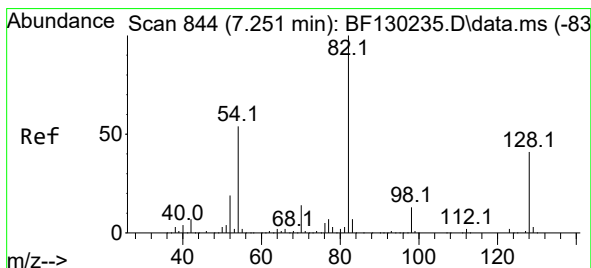
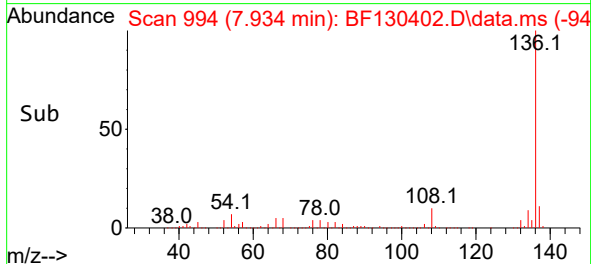
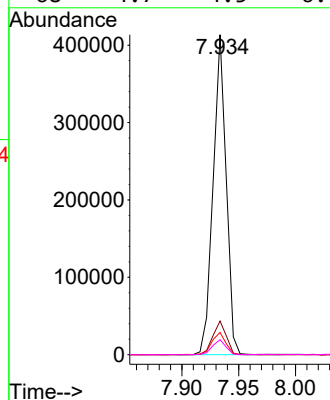
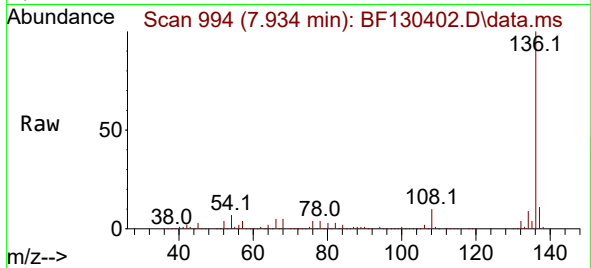




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

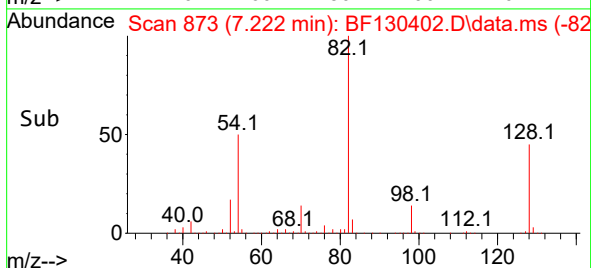
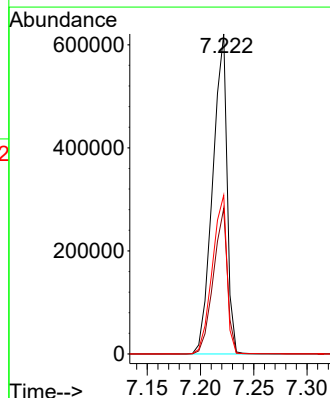
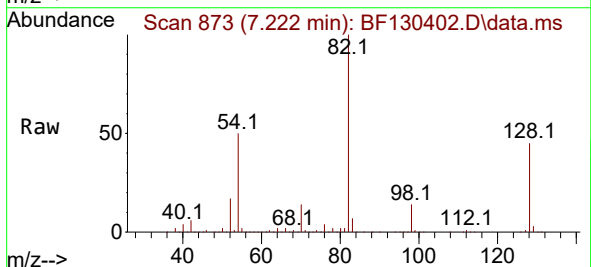
Instrument :
BNA_F
ClientSampleId :
DSN001RE

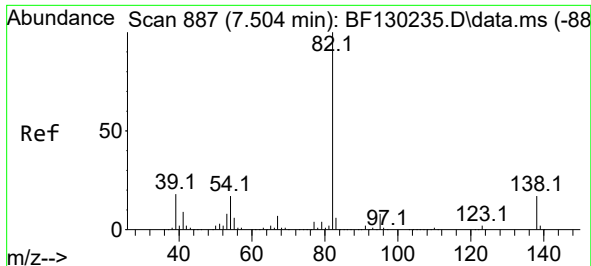
Tgt Ion:136 Resp: 329772
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.0 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 90.698 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

Tgt Ion: 82 Resp: 585450
Ion Ratio Lower Upper
82 100
128 45.4 32.6 49.0
54 49.6 43.8 65.6

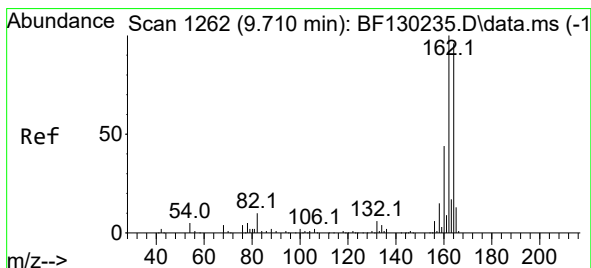
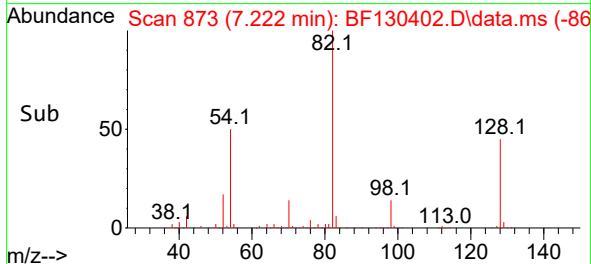
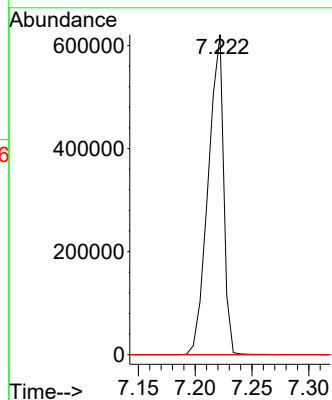
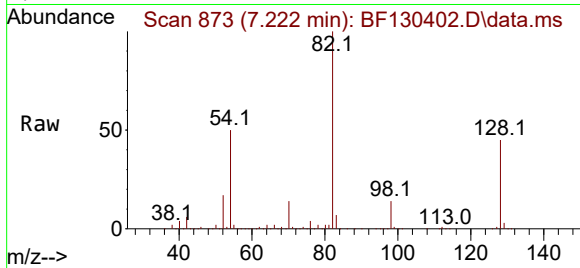




#25
Isophorone
Concen: 56.272 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

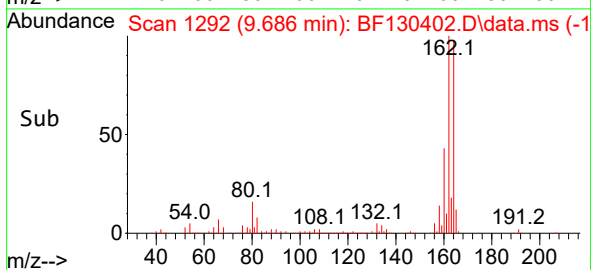
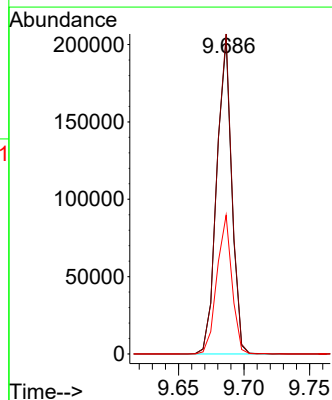
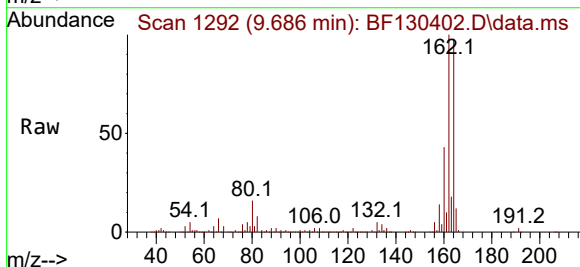
Instrument :
BNA_F
ClientSampleId :
DSN001RE

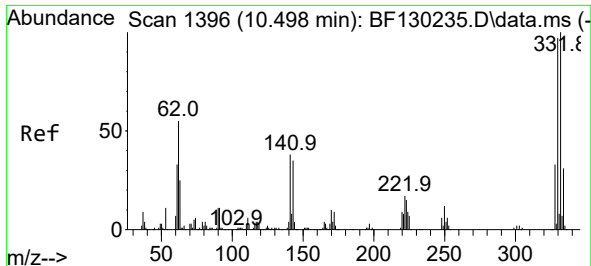
Tgt Ion: 82 Resp: 585443
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

Tgt Ion:164 Resp: 162019
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 120.066 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130402.D

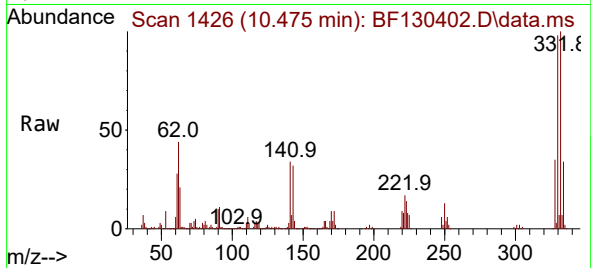
Acq: 26 Sep 2022 11:15

Instrument :

BNA_F

ClientSampleId :

DSN001RE



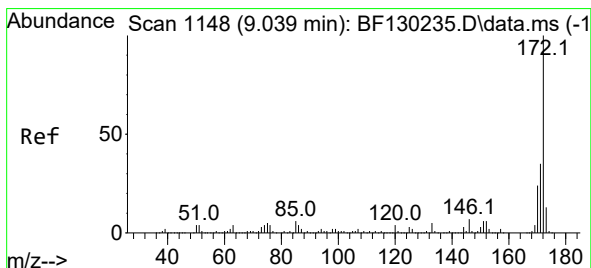
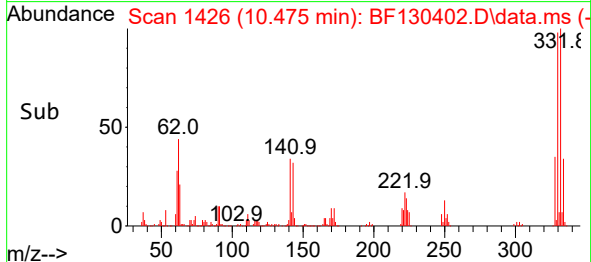
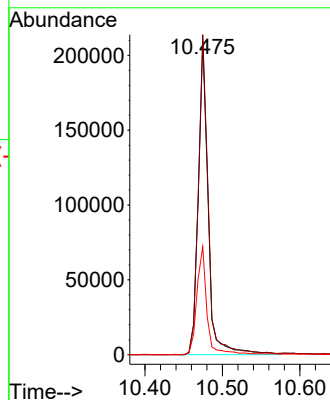
Tgt Ion:330 Resp: 186397

Ion Ratio Lower Upper

330 100

332 102.5 83.4 125.2

141 35.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 98.654 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF130402.D

Acq: 26 Sep 2022 11:15

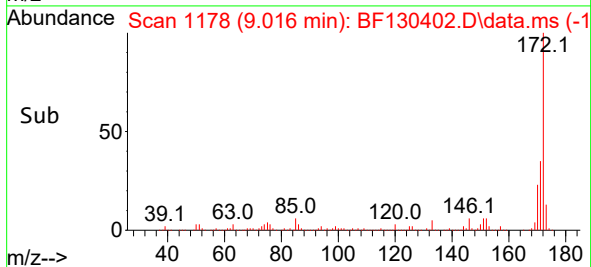
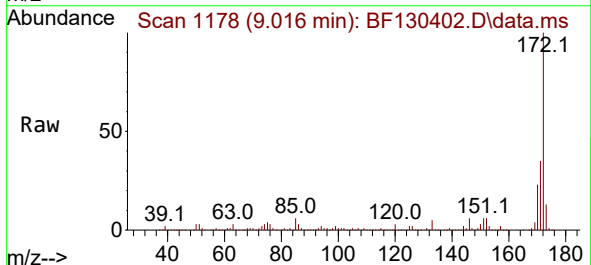
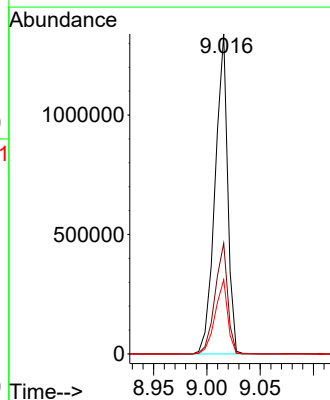
Tgt Ion:172 Resp: 1097648

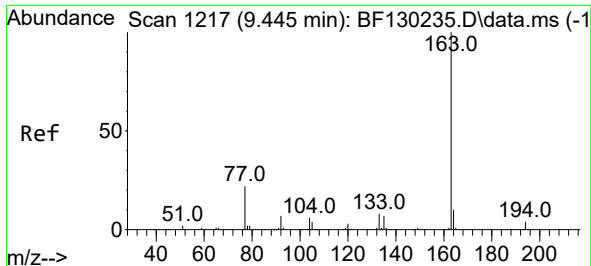
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 18.7 28.1

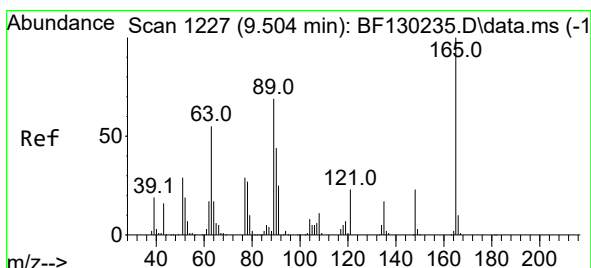
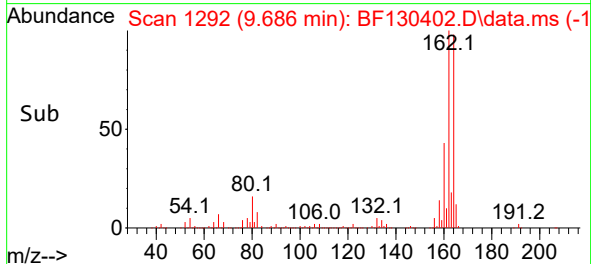
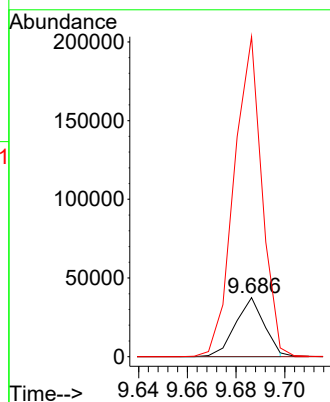
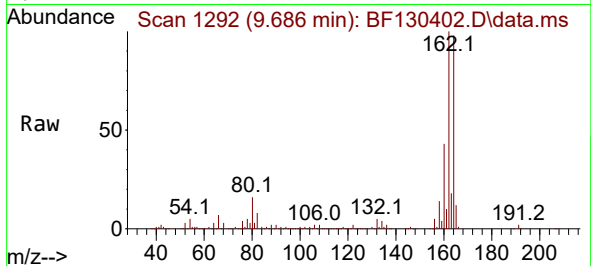




#50
Dimethylphthalate
Concen: 2.761 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.265 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

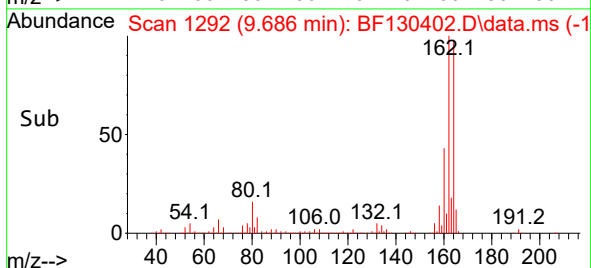
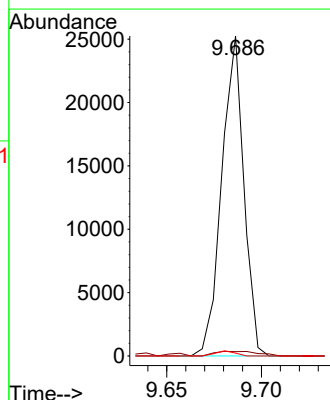
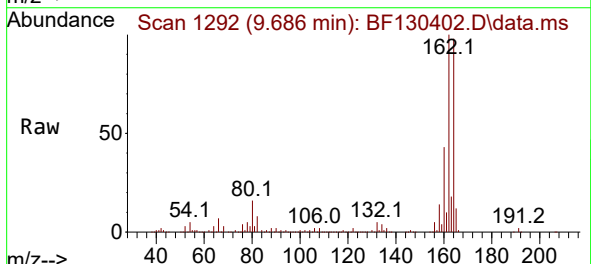
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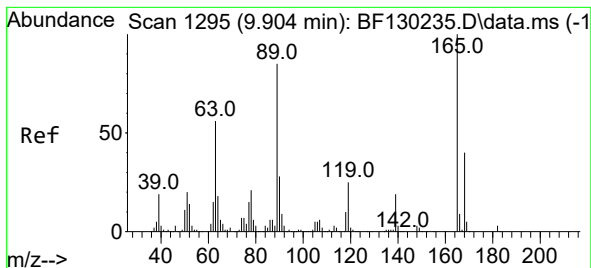
Tgt Ion:163 Resp: 30895
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 541.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.753 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

Tgt Ion:165 Resp: 20488
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 0.9 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 6.849 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.200 min

Lab File: BF130402.D

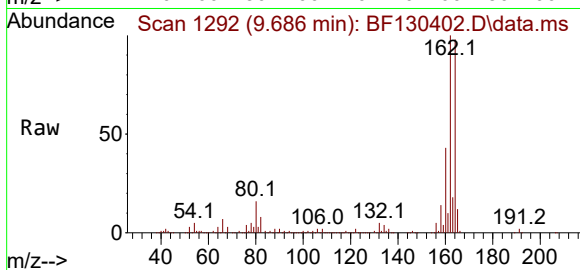
Acq: 26 Sep 2022 11:15

Instrument :

BNA_F

ClientSampleId :

DSN001RE



Tgt Ion:165 Resp: 20488

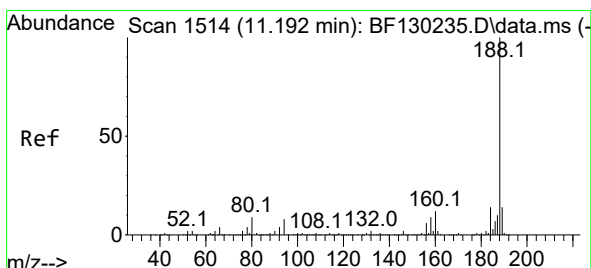
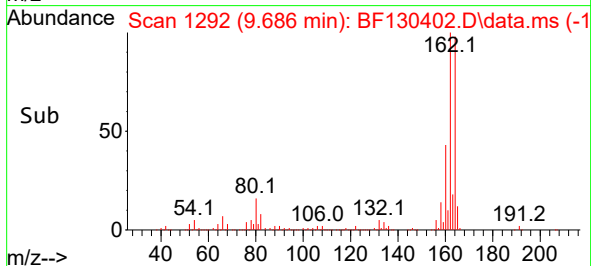
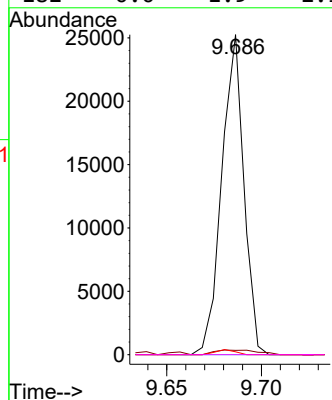
Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

89 0.9 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF130402.D

Acq: 26 Sep 2022 11:15

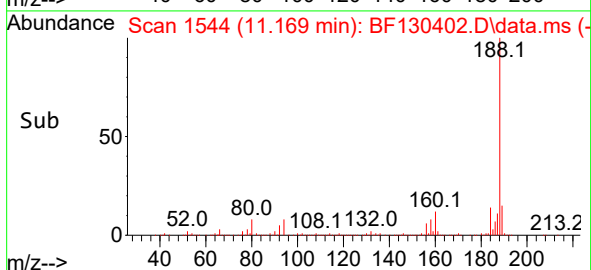
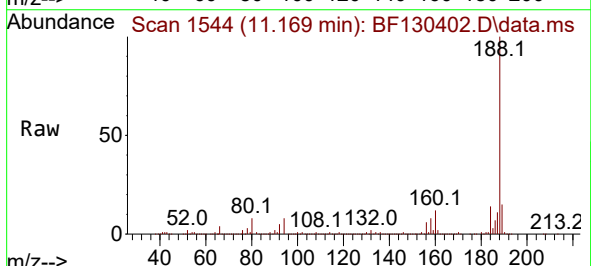
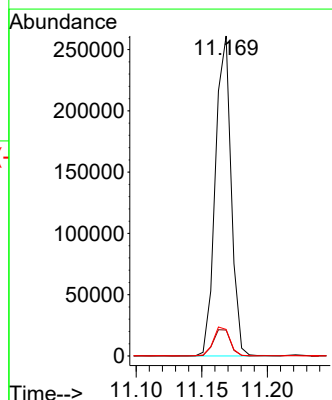
Tgt Ion:188 Resp: 217922

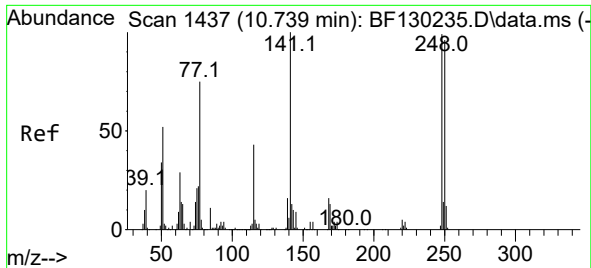
Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.3 7.9 11.9

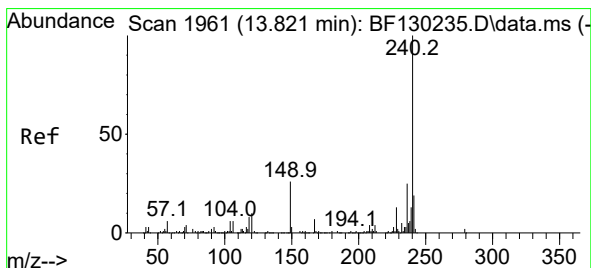
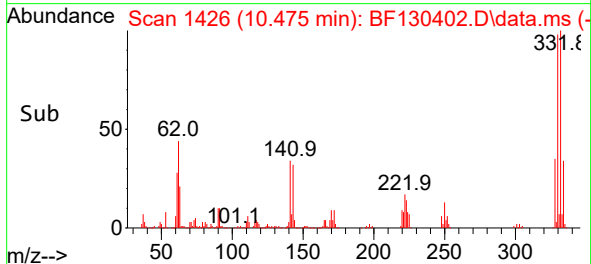
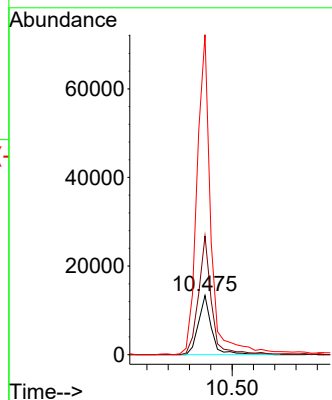
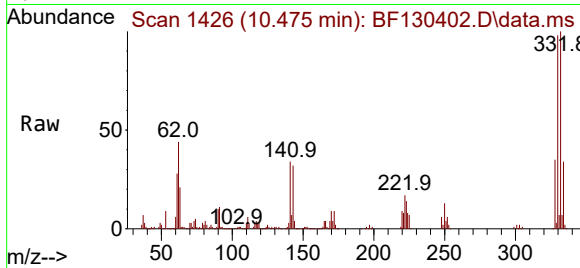




#67
4-Bromophenyl-phenylether
Concen: 4.790 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

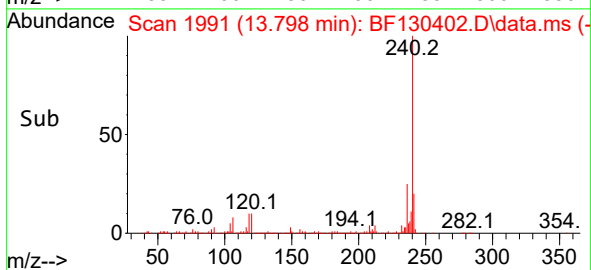
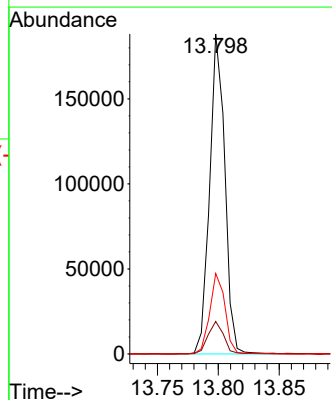
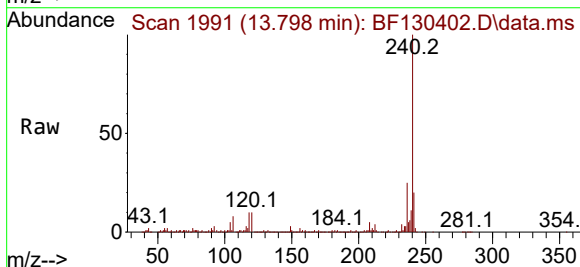
Instrument :
BNA_F
ClientSampleId :
DSN001RE

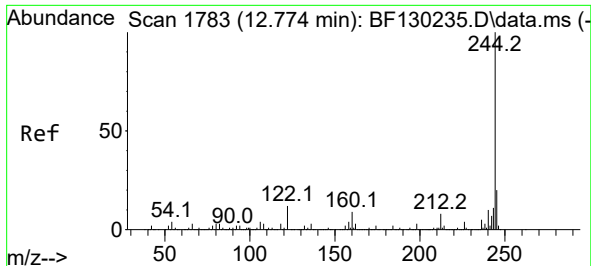
Tgt Ion:248 Resp: 11515
Ion Ratio Lower Upper
248 100
250 200.6 80.0 120.0#
141 540.6 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130402.D
Acq: 26 Sep 2022 11:15

Tgt Ion:240 Resp: 162640
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.2 20.9 31.3

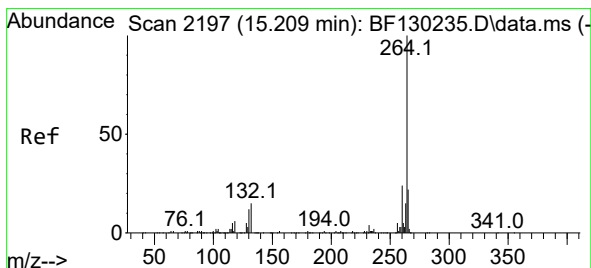
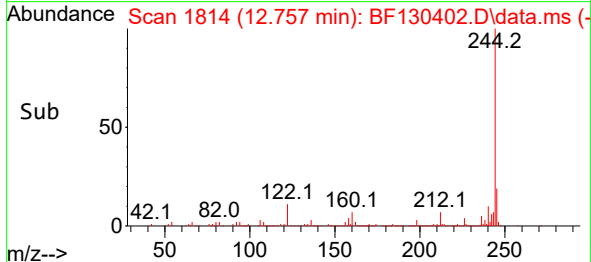
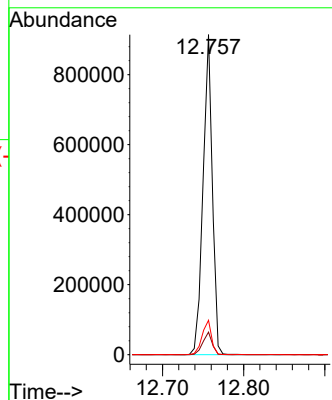
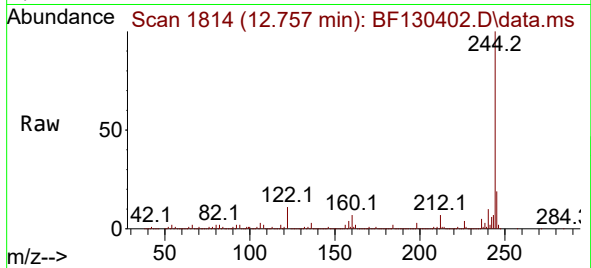




#79
 Terphenyl-d14
 Concen: 73.945 ng
 RT: 12.757 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130402.D
 Acq: 26 Sep 2022 11:15

Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

Tgt Ion:244 Resp: 726018
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. -0.000 min
 Lab File: BF130402.D
 Acq: 26 Sep 2022 11:15

Tgt Ion:264 Resp: 198072
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 20.3 17.0 25.4

