

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131715.D
 Acq On : 20 Dec 2022 16:15
 Operator : CG\JU
 Sample : PB149704TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149704TB

Quant Time: Dec 21 03:46:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

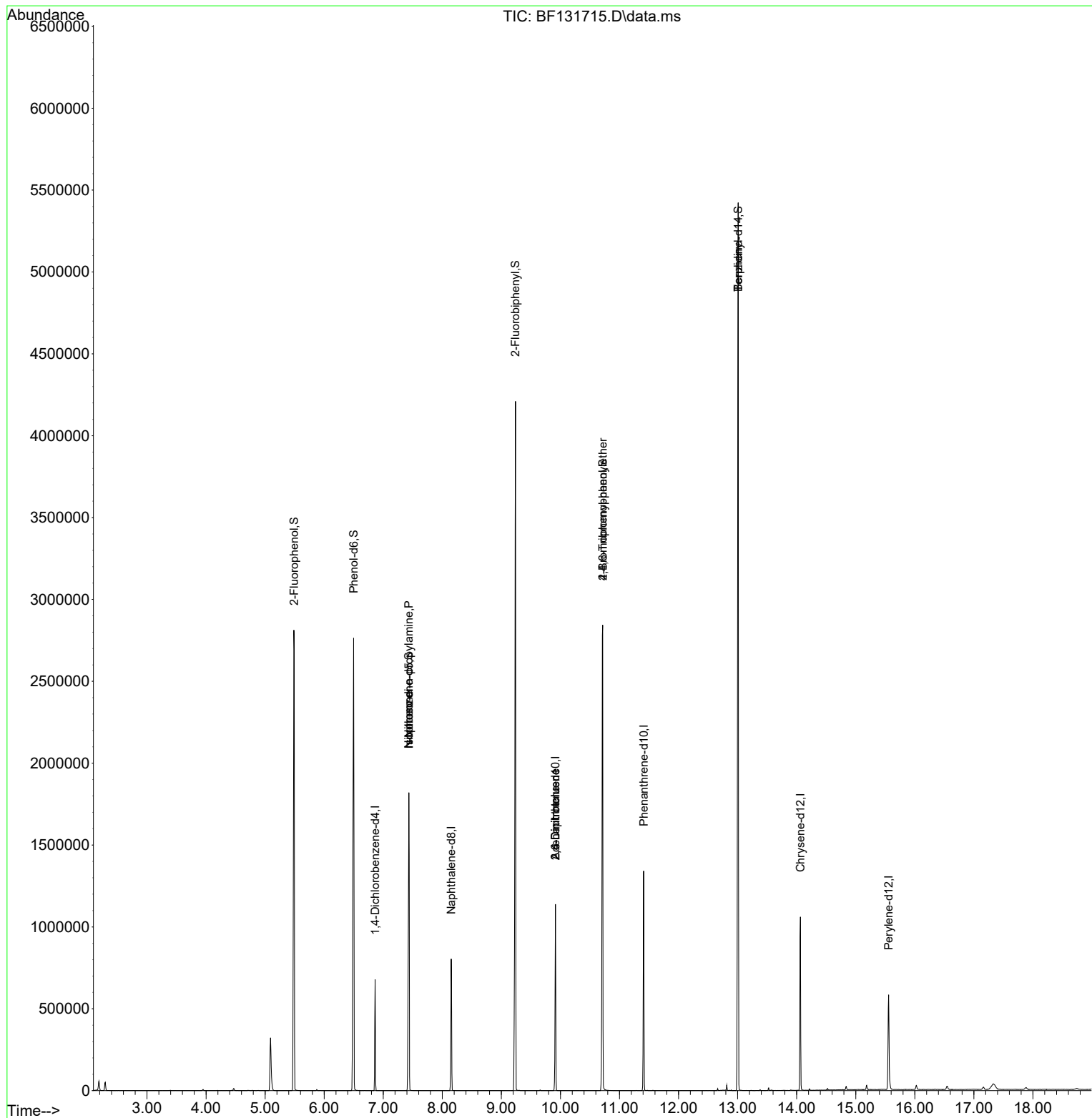
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88476	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	342761	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220089	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	446239	20.000	ng	0.00
76) Chrysene-d12	14.063	240	362322	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	269811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	830347	158.033	ng	0.02
7) Phenol-d6	6.498	99	1077832	152.406	ng	0.00
23) Nitrobenzene-d5	7.434	82	754402	89.351	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	360110	149.488	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1376930	87.639	ng	0.00
79) Terphenyl-d14	13.010	244	1951772	83.955	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1914	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	106235	20.829	ng	# 80
25) Isophorone	7.434	82	753518	52.551	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	28218	7.924	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	28218	5.897	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	24698	4.686	ng	# 1
77) Benizidine	13.010	184	29480	4.437	ng	# 94

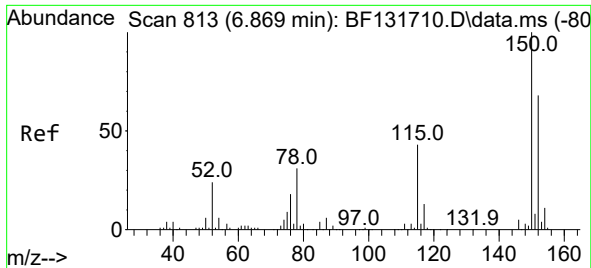
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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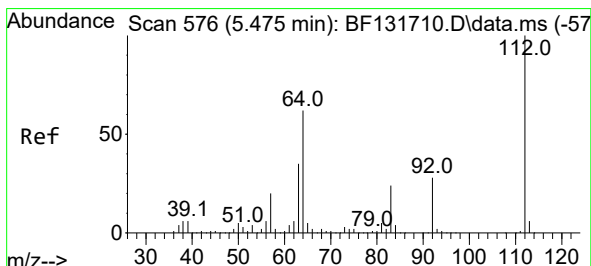
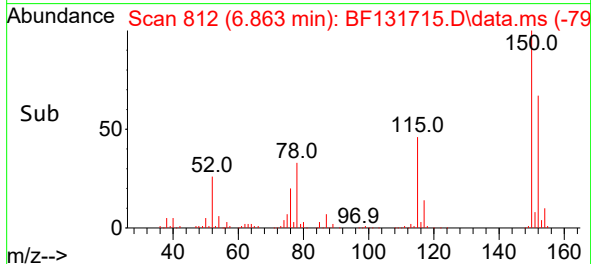
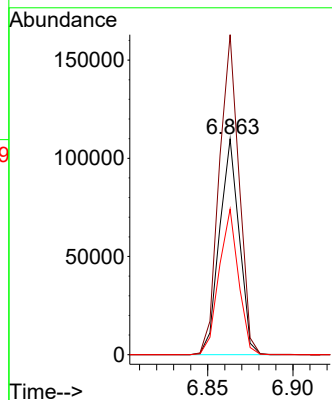
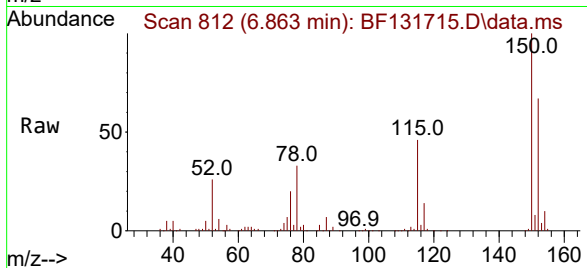




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

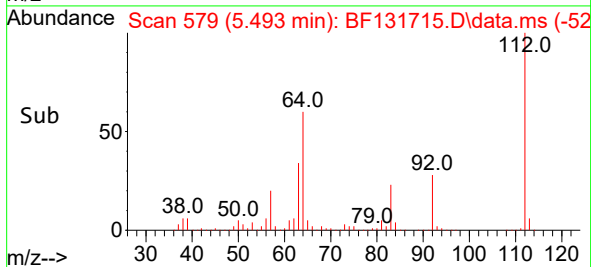
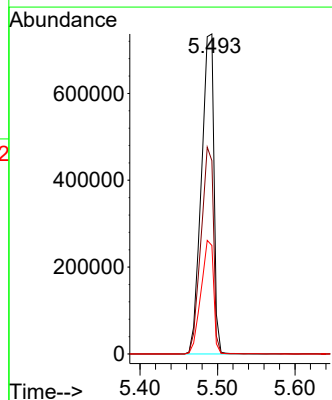
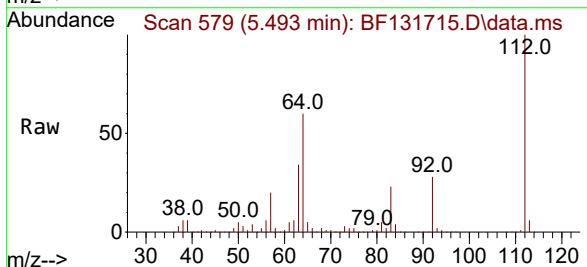
Instrument :
BNA_F
ClientSampleId :
PB149704TB

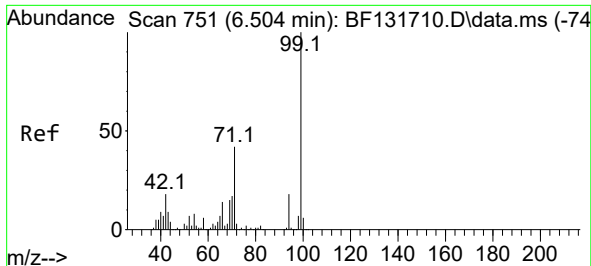
Tgt Ion:152 Resp: 88476
Ion Ratio Lower Upper
152 100
150 148.3 117.4 176.0
115 67.5 50.2 75.4



#5
2-Fluorophenol
Concen: 158.033 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:112 Resp: 830347
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 33.9 28.2 42.2

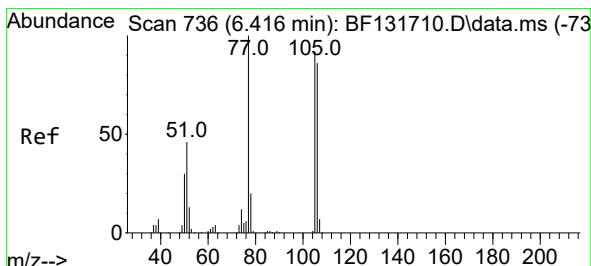
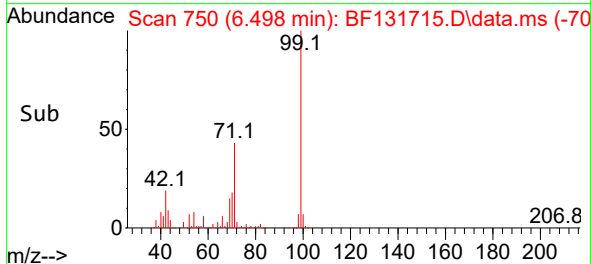
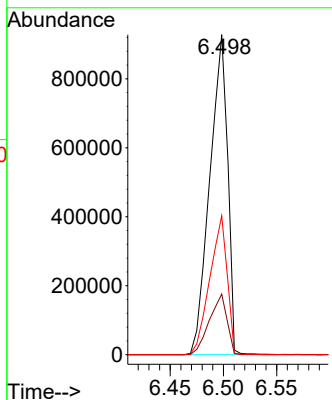
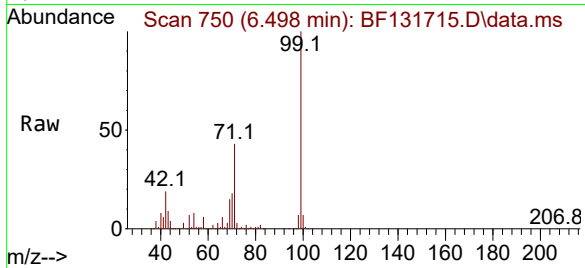




#7
Phenol-d6
Concen: 152.406 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

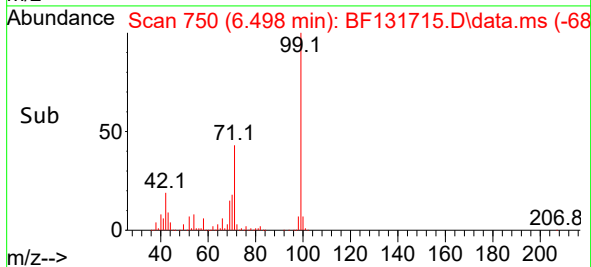
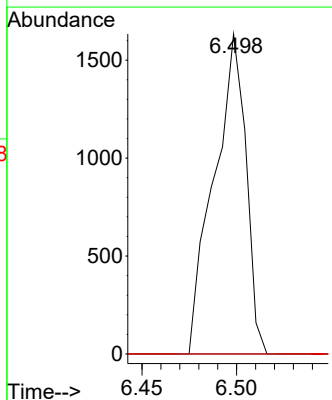
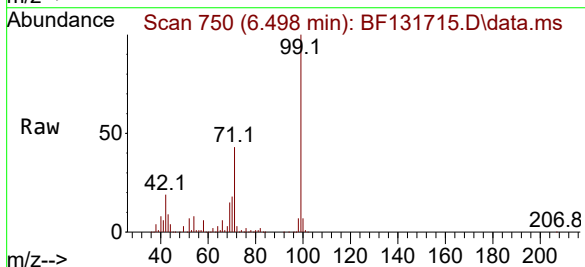
Instrument :
BNA_F
ClientSampleId :
PB149704TB

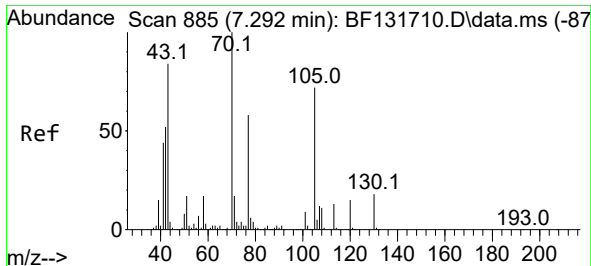
Tgt Ion: 99 Resp: 1077832
Ion Ratio Lower Upper
99 100
42 18.9 14.8 22.2
71 43.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion: 77 Resp: 1914
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#





#19

n-Nitroso-di-n-propylamine

Concen: 20.829 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.141 min

Lab File: BF131715.D

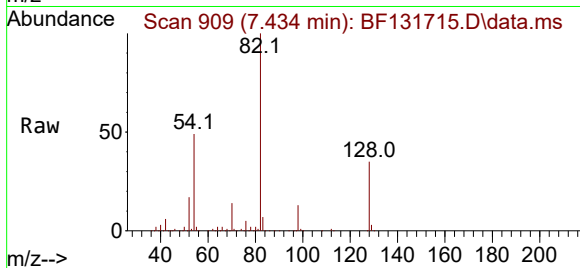
Acq: 20 Dec 2022 16:15

Instrument :

BNA_F

ClientSampleId :

PB149704TB



Tgt Ion: 70 Resp: 106235

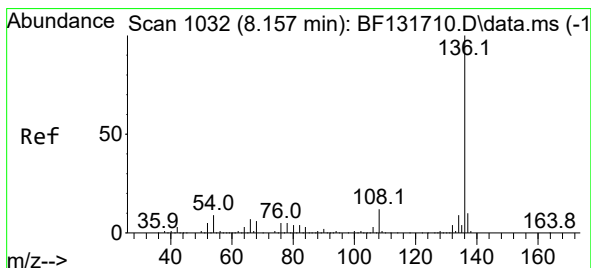
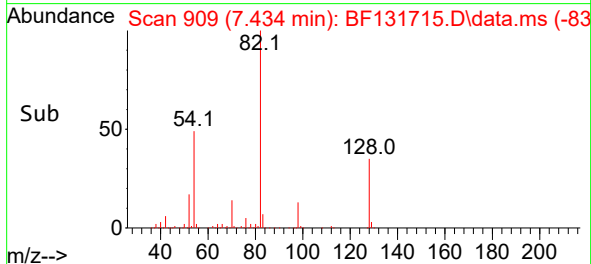
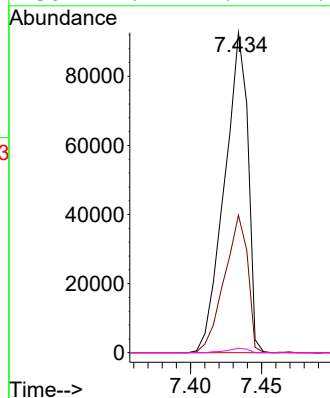
Ion Ratio Lower Upper

70 100

42 43.0 41.5 62.3

101 0.0 7.3 10.9#

130 1.4 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

Tgt Ion: 136 Resp: 342761

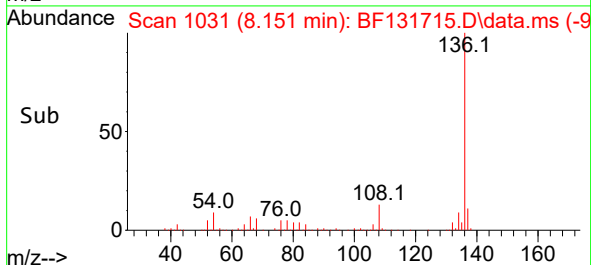
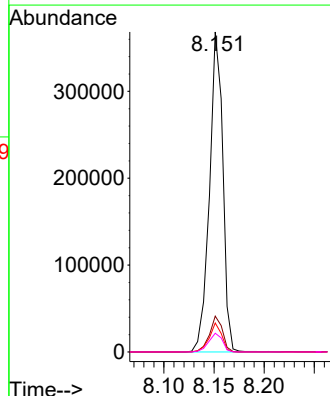
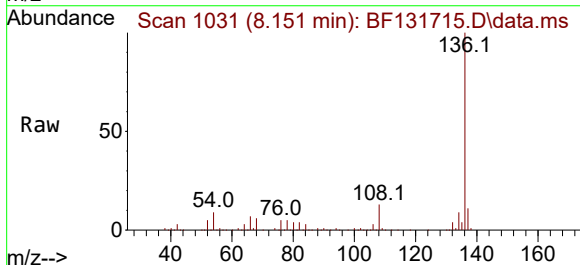
Ion Ratio Lower Upper

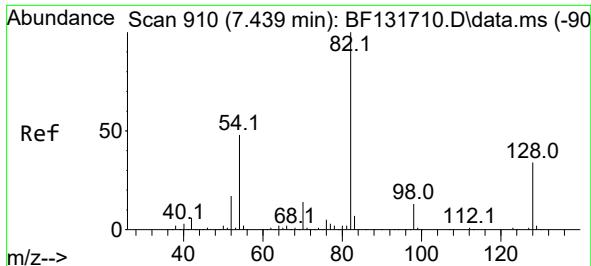
136 100

137 11.2 8.4 12.6

54 9.1 7.2 10.8

68 5.9 5.0 7.6

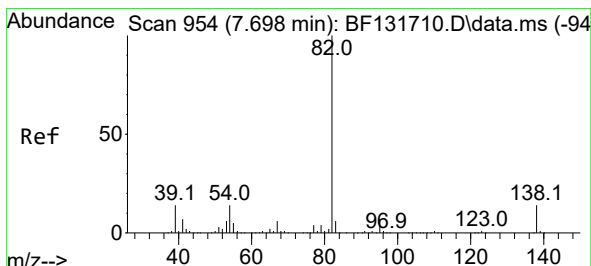
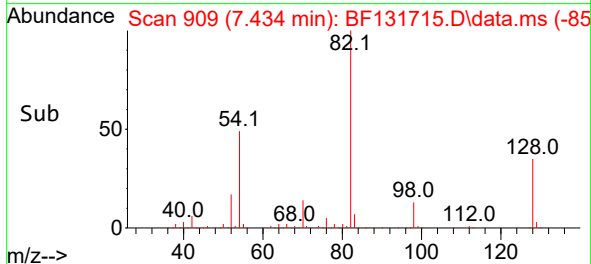
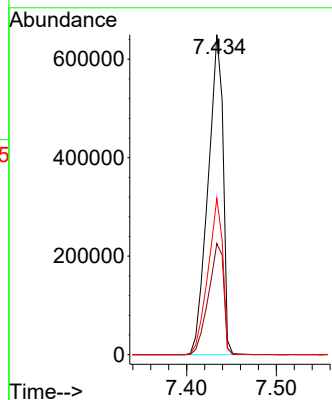
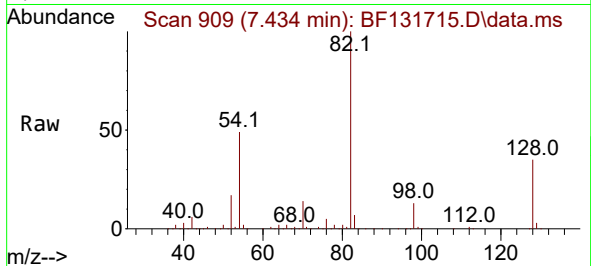




#23
Nitrobenzene-d5
Concen: 89.351 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

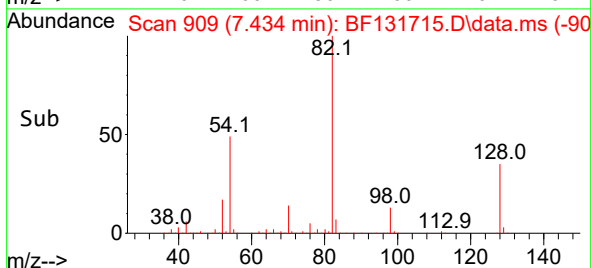
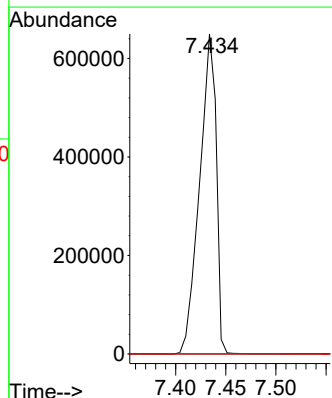
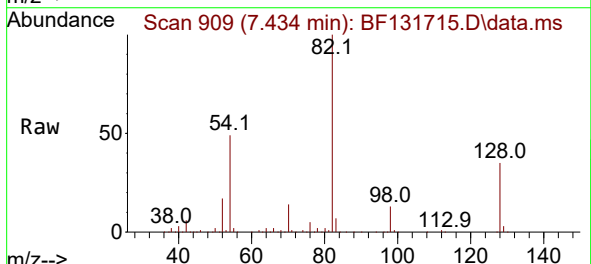
Instrument :
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PB149704TB

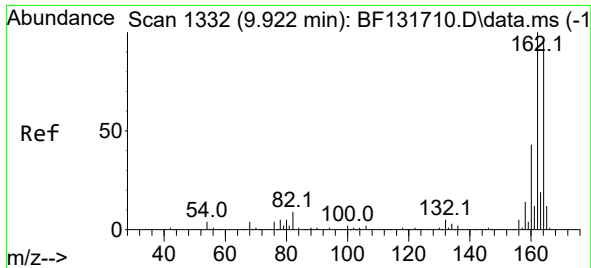
Tgt Ion: 82 Resp: 754402
Ion Ratio Lower Upper
82 100
128 34.8 27.3 40.9
54 48.9 38.2 57.2



#25
Isophorone
Concen: 52.551 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion: 82 Resp: 753518
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

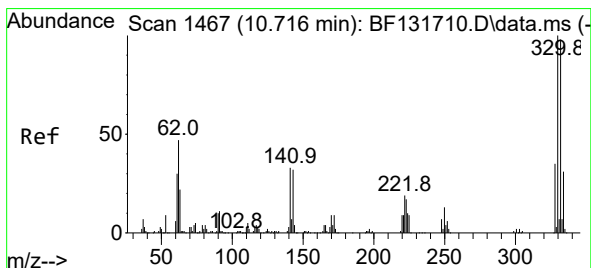
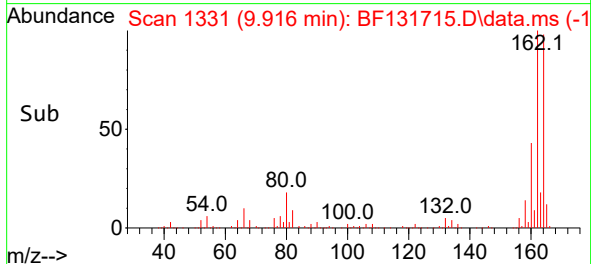
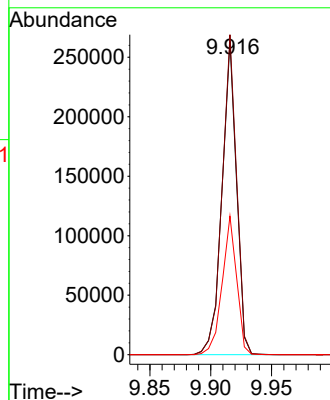
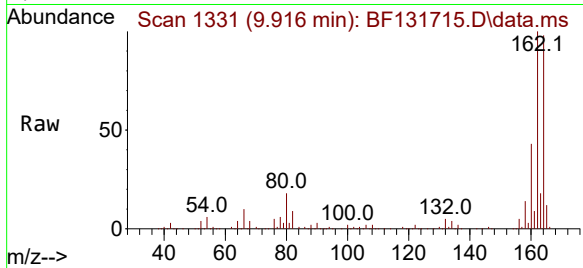




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

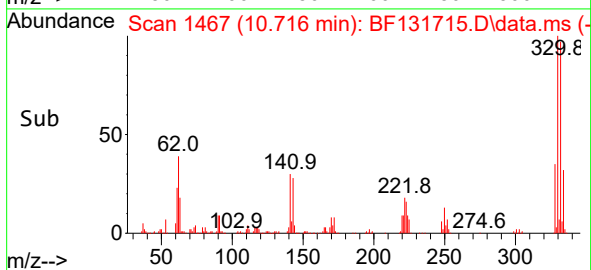
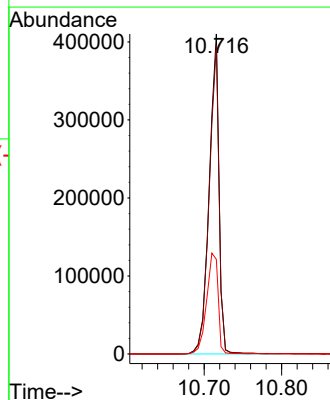
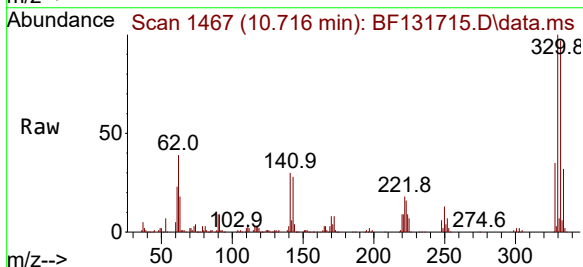
Instrument :
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ClientSampleId :
PB149704TB

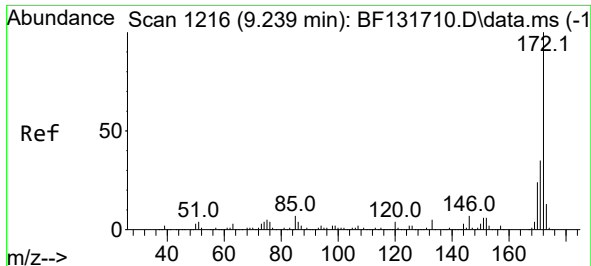
Tgt Ion:164 Resp: 220089
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 44.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 149.488 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:330 Resp: 360110
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.1 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 87.639 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

Instrument :

BNA_F

ClientSampleId :

PB149704TB

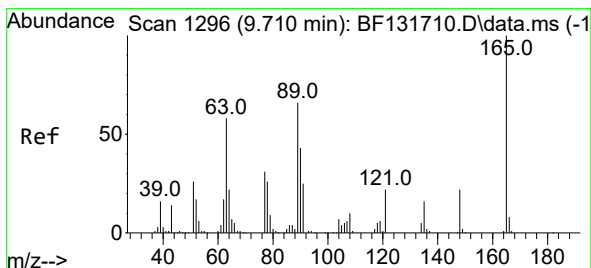
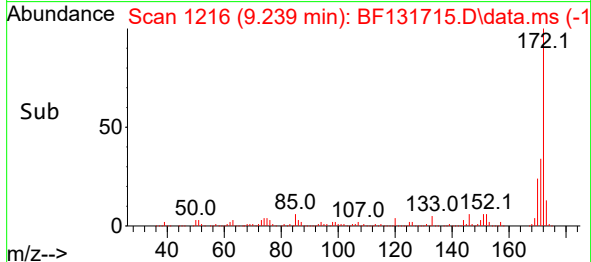
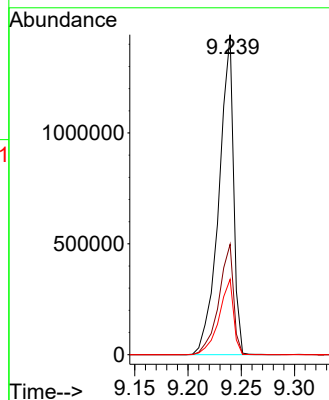
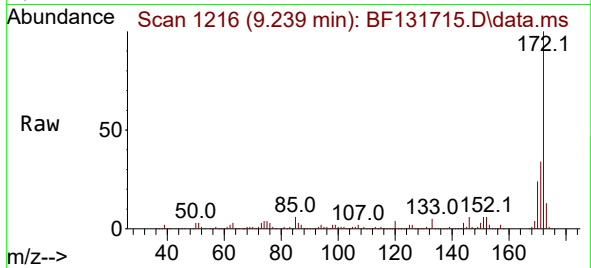
Tgt Ion:172 Resp: 1376930

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.6 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.924 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131715.D

Acq: 20 Dec 2022 16:15

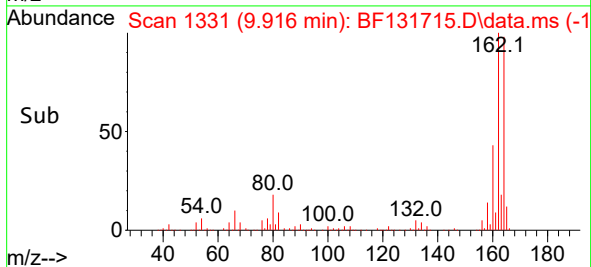
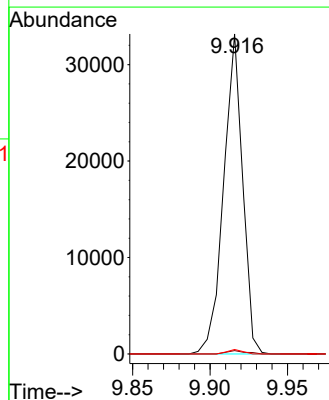
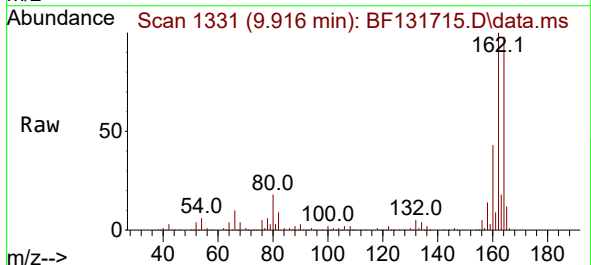
Tgt Ion:165 Resp: 28218

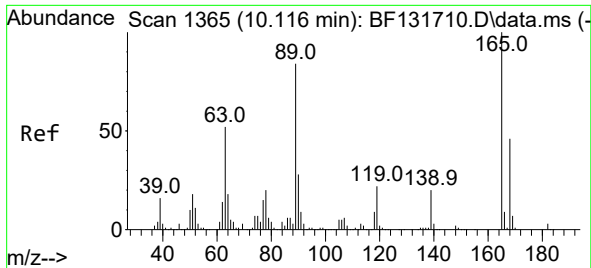
Ion Ratio Lower Upper

165 100

63 1.1 51.8 77.8#

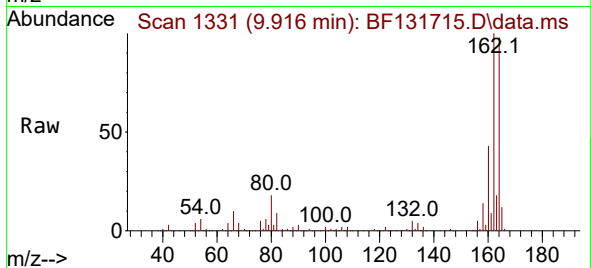
89 1.4 53.2 79.8#



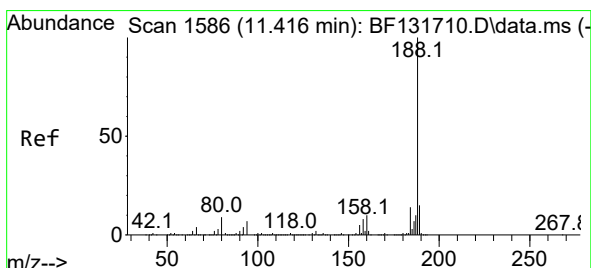
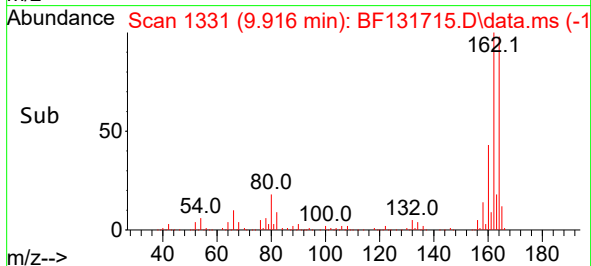
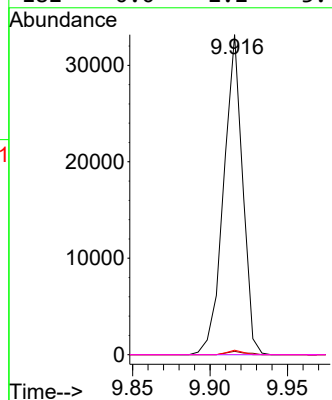


#57
2,4-Dinitrotoluene
Concen: 5.897 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Instrument :
BNA_F
ClientSampleId :
PB149704TB

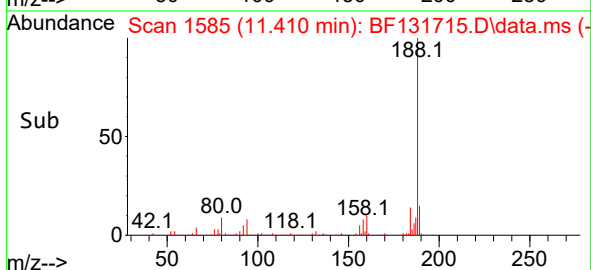
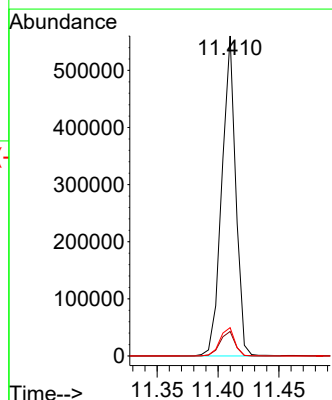
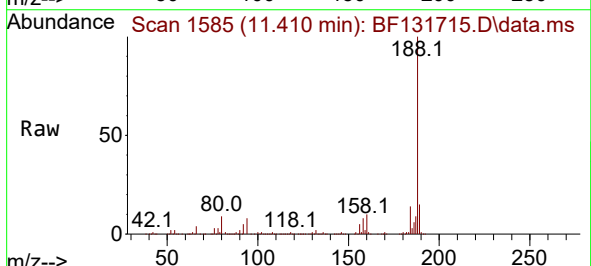


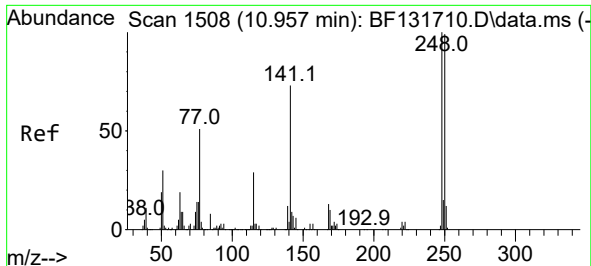
Tgt Ion:165 Resp: 28218
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.4 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:188 Resp: 446239
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.9 7.0 10.6

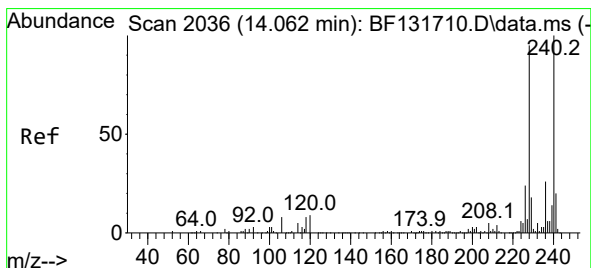
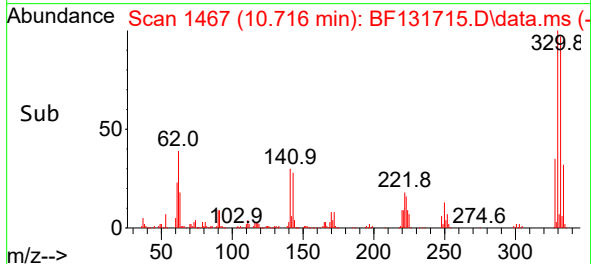
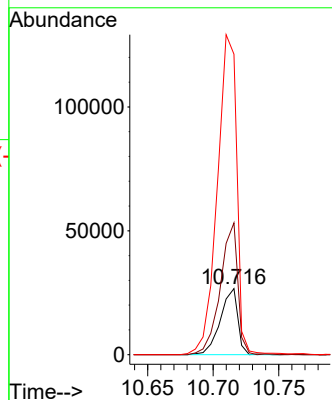
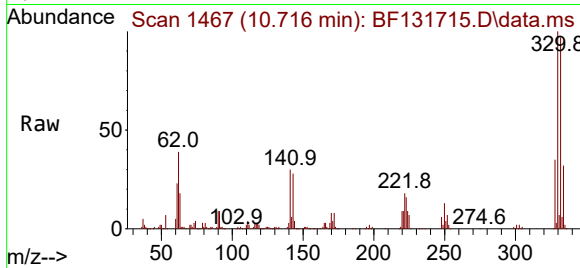




#67
4-Bromophenyl-phenylether
Concen: 4.686 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

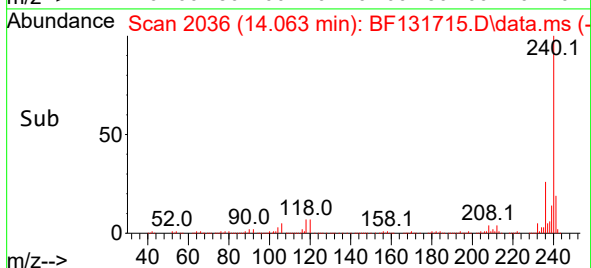
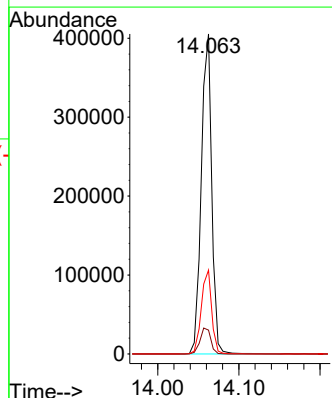
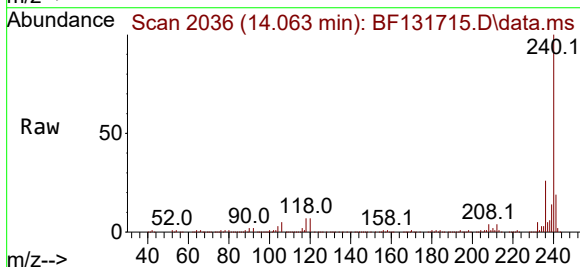
Instrument :
BNA_F
ClientSampleId :
PB149704TB

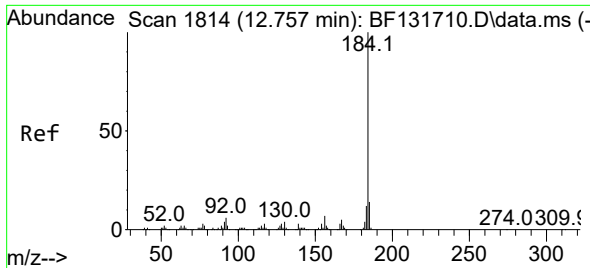
Tgt Ion:248 Resp: 24698
Ion Ratio Lower Upper
248 100
250 199.7 79.4 119.0#
141 455.1 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

Tgt Ion:240 Resp: 362322
Ion Ratio Lower Upper
240 100
120 7.5 7.6 11.4#
236 26.2 21.2 31.8

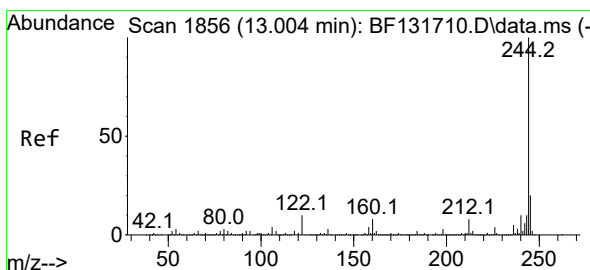
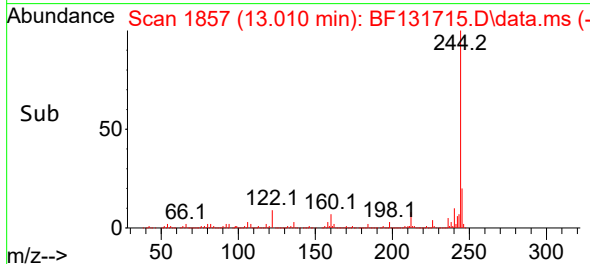
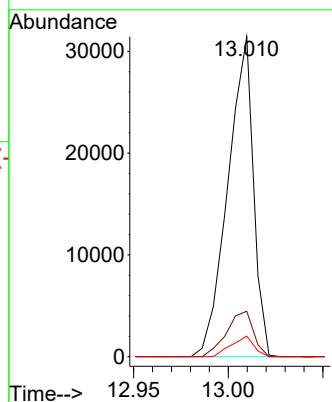
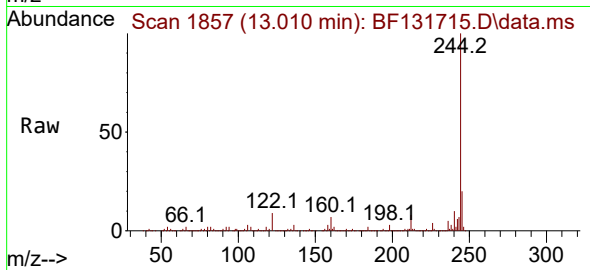




#77
Benzidine
Concen: 4.437 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

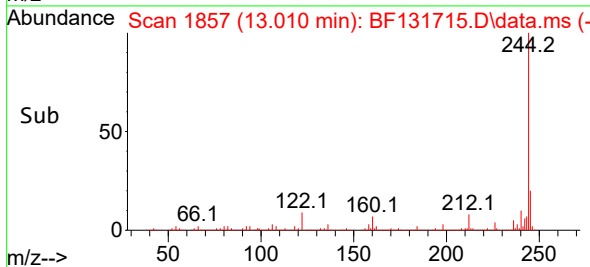
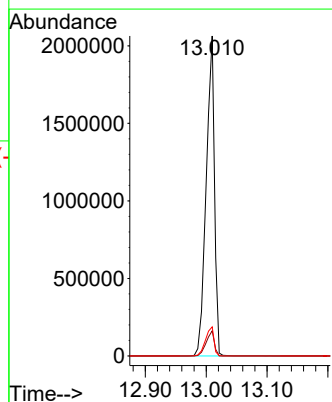
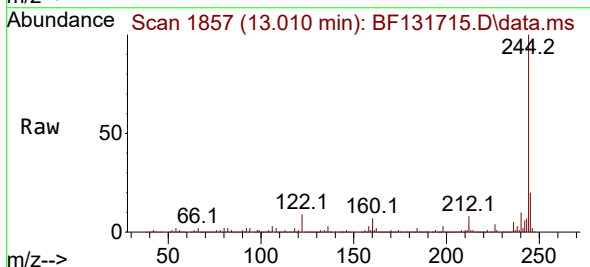
Instrument :
BNA_F
ClientSampleId :
PB149704TB

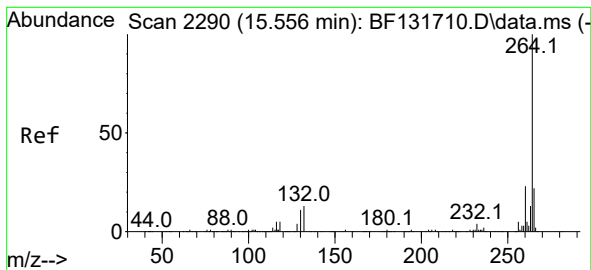
Tgt Ion:184 Resp: 29480
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 83.955 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BF131715.D
Acq: 20 Dec 2022 16:15

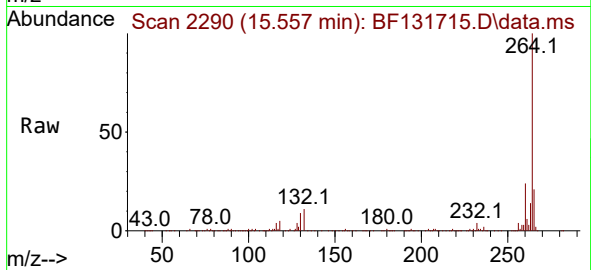
Tgt Ion:244 Resp: 1951772
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.1 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131715.D
 Acq: 20 Dec 2022 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB149704TB



Tgt Ion:264 Resp: 269811
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.4 17.4 26.2

