

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131757.D
 Acq On : 21 Dec 2022 21:30
 Operator : CG\JU
 Sample : N6161-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:50:49 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)

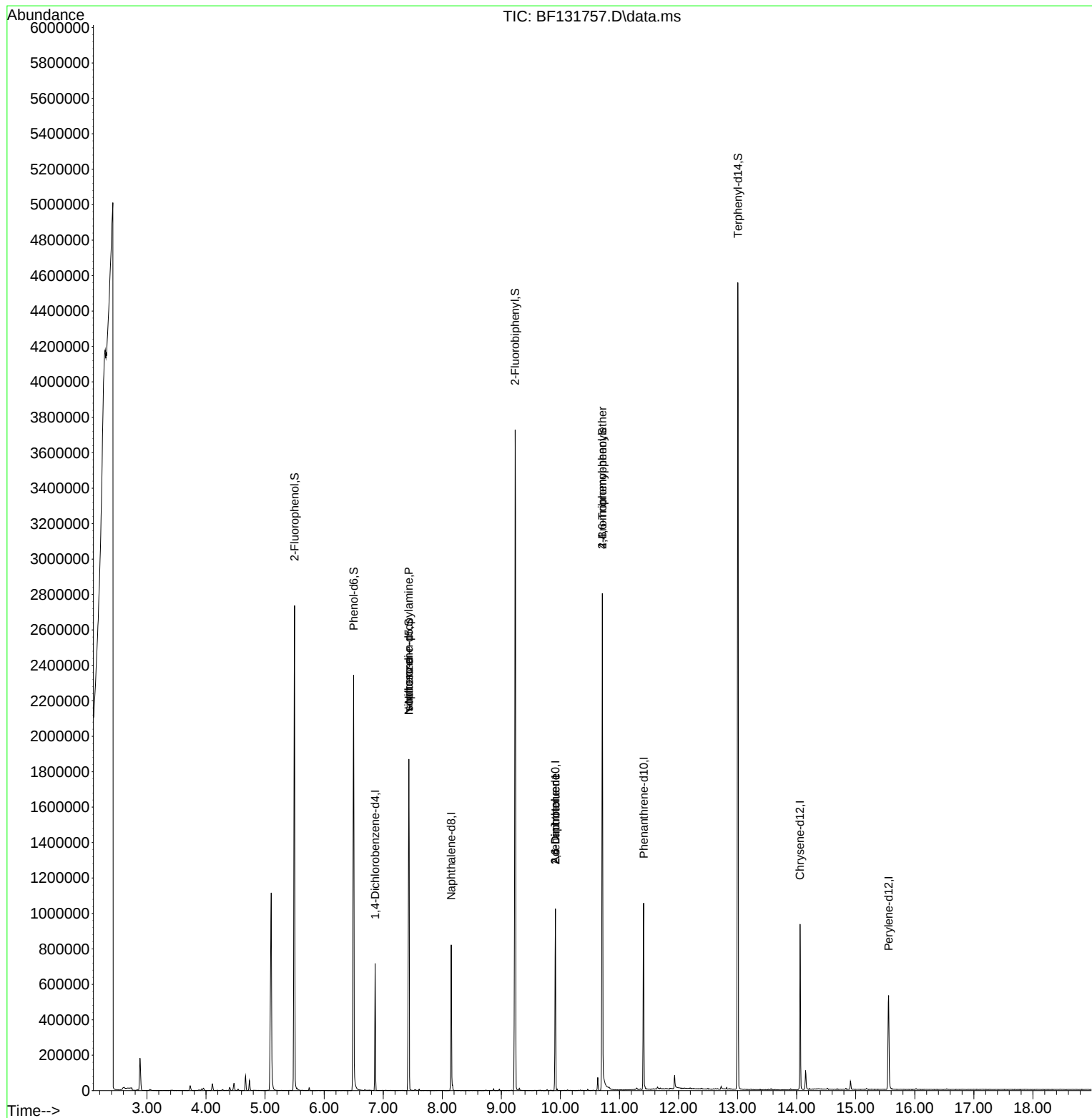
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88830	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	319765	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	191571	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	378362	20.000	ng	0.00
76) Chrysene-d12	14.057	240	299535	20.000	ng	0.00
86) Perylene-d12	15.557	264	270997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	736259	139.567	ng	0.02
7) Phenol-d6	6.498	99	879482	123.864	ng	0.00
23) Nitrobenzene-d5	7.434	82	740454	94.005	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	338019	161.206	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1297795	94.899	ng	0.00
79) Terphenyl-d14	13.004	244	1727308	89.874	ng	0.00
Target Compounds						
9) Benzaldehyde	6.428	77	57	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	7.434	70	103540	20.219	ng	# 81
25) Isophorone	7.434	82	738715	55.224	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24322	7.847	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24322	5.840	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	22923	5.130	ng	# 1

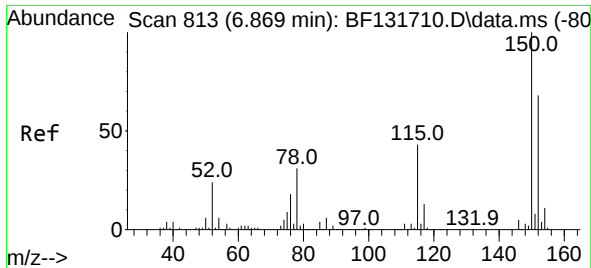
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131757.D
Acq On : 21 Dec 2022 21:30
Operator : CG\JU
Sample : N6161-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

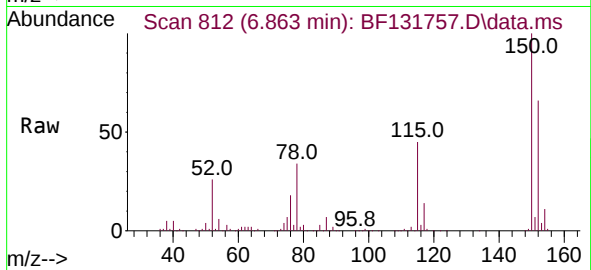
Quant Time: Dec 22 05:50:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration



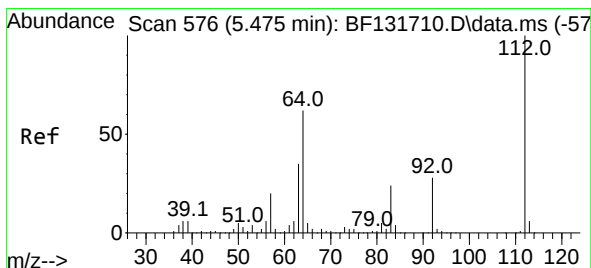
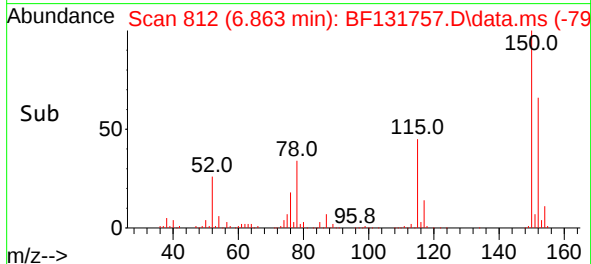
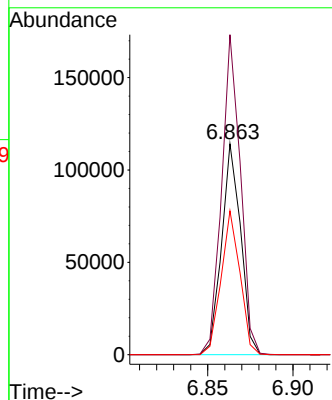


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Instrument :
BNA_F
ClientSampleId :

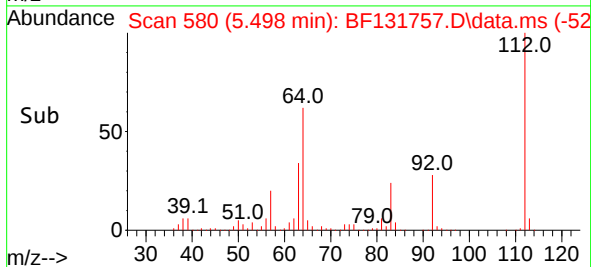
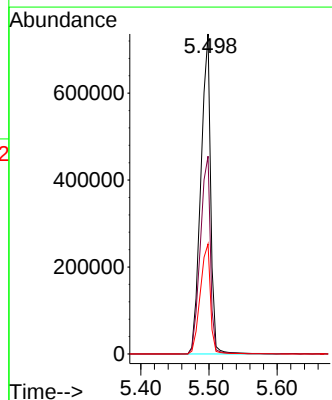
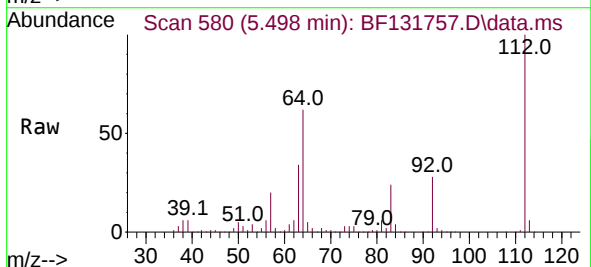


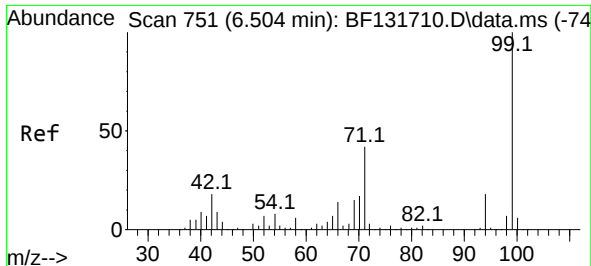
Tgt Ion:152 Resp: 88830
Ion Ratio Lower Upper
152 100
150 151.7 117.4 176.0
115 68.2 50.2 75.4



#5
2-Fluorophenol
Concen: 139.567 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Tgt Ion:112 Resp: 736259
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 34.4 28.2 42.2

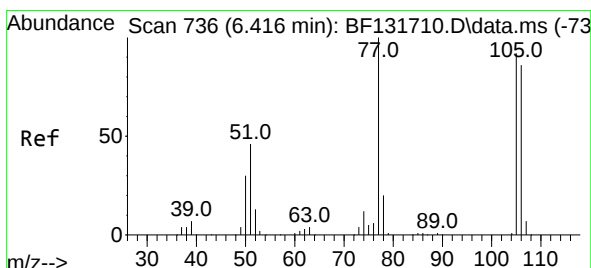
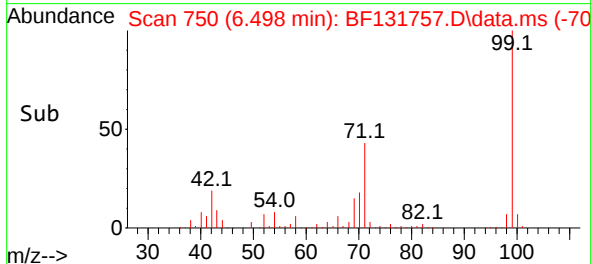
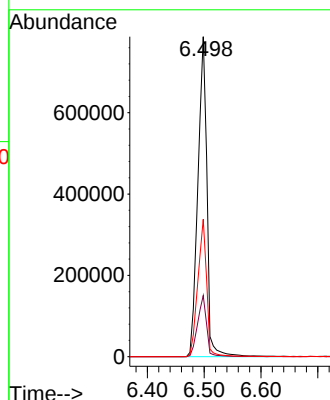
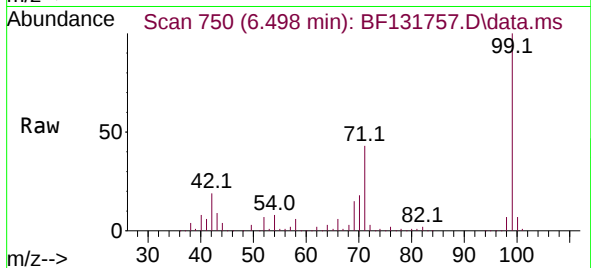




#7
Phenol-d6
Concen: 123.864 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

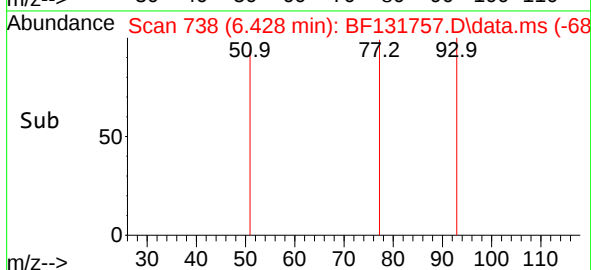
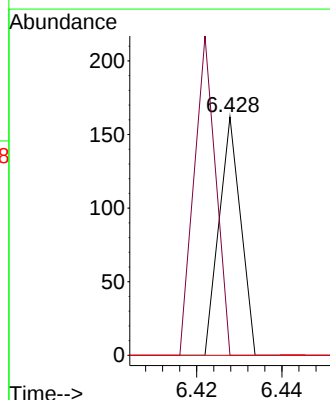
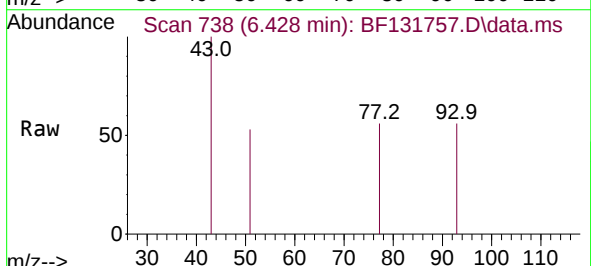
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 879482
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 43.0 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Tgt Ion: 77 Resp: 57
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: 20.219 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.141 min

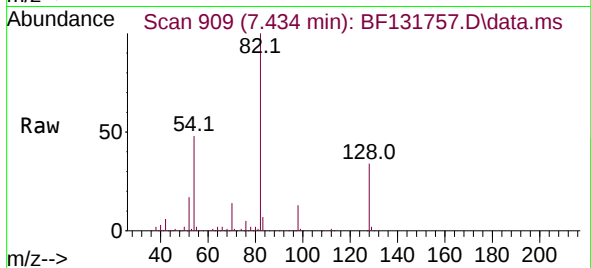
Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 103540

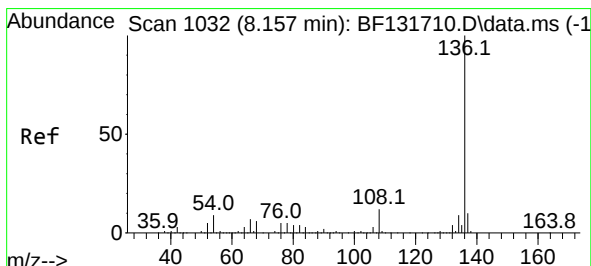
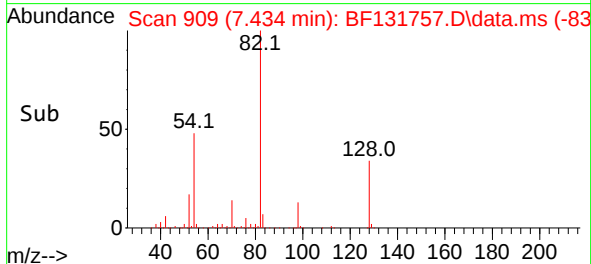
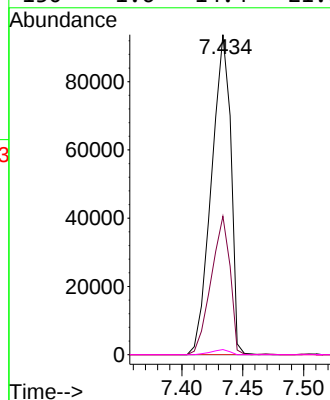
Ion Ratio Lower Upper

70 100

42 43.2 41.5 62.3

101 0.0 7.3 10.9#

130 1.6 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: BF131757.D

Acq: 21 Dec 2022 21:30

Tgt Ion: 136 Resp: 319765

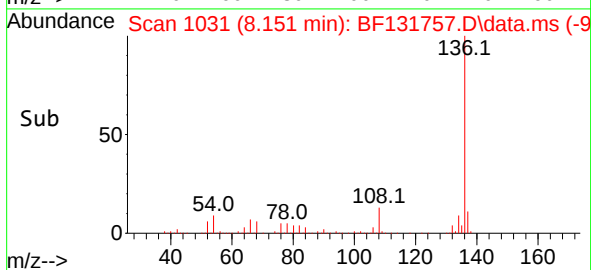
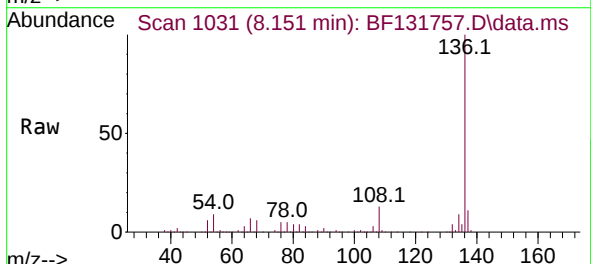
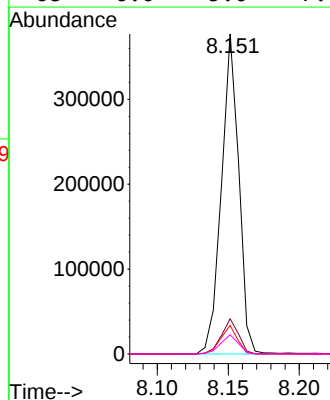
Ion Ratio Lower Upper

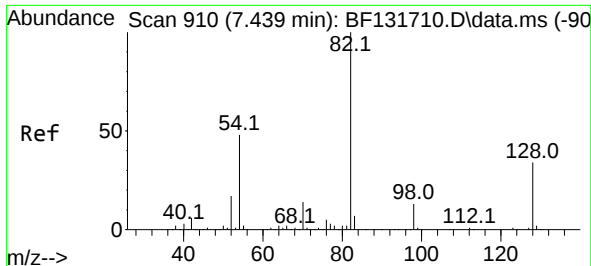
136 100

137 11.0 8.4 12.6

54 8.9 7.2 10.8

68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.005 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

Instrument :

BNA_F

ClientSampleId :

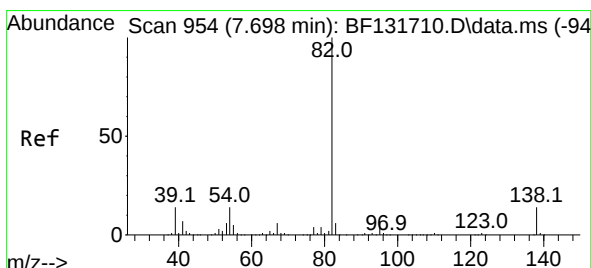
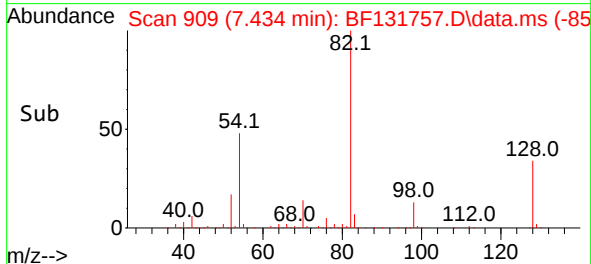
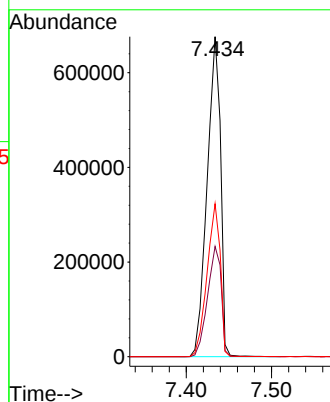
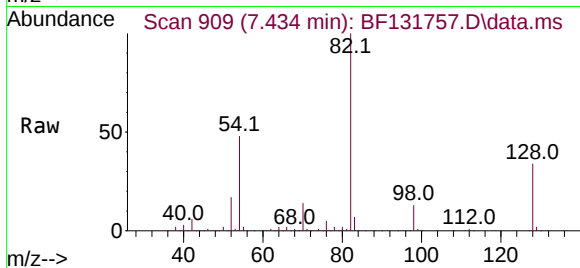
Tgt Ion: 82 Resp: 740454

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 47.8 38.2 57.2



#25

Isophorone

Concen: 55.224 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

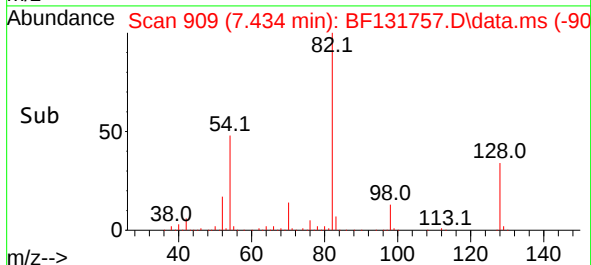
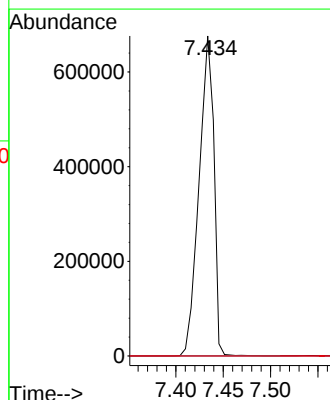
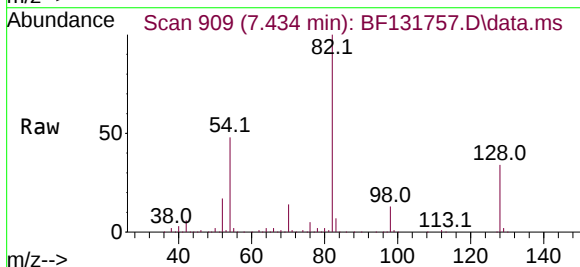
Tgt Ion: 82 Resp: 738715

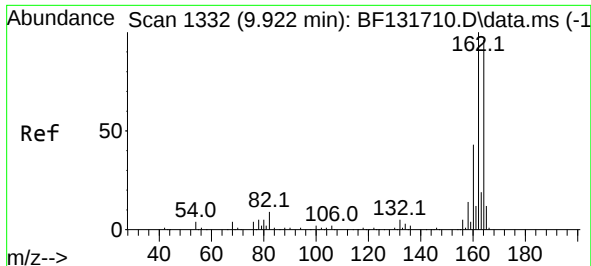
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

Instrument :

BNA_F

ClientSampleId :

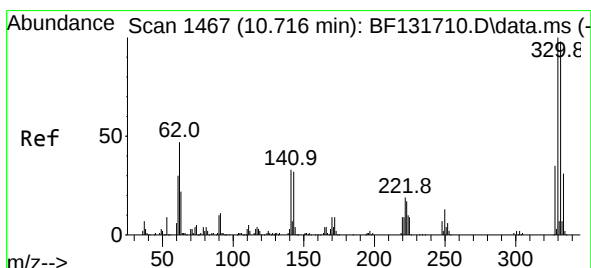
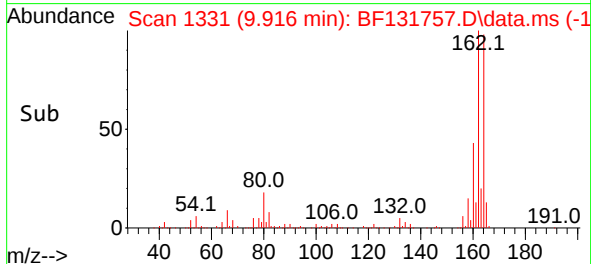
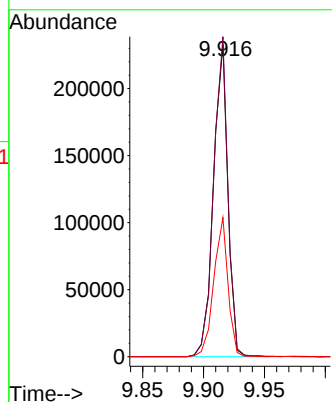
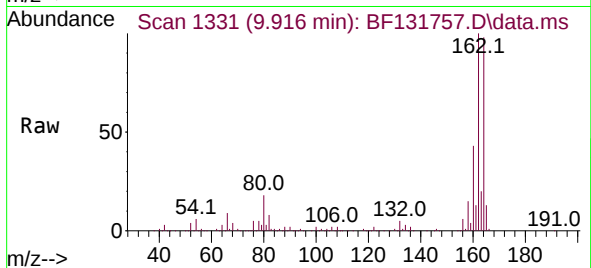
Tgt Ion:164 Resp: 191571

Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

160 44.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 161.206 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF131757.D

Acq: 21 Dec 2022 21:30

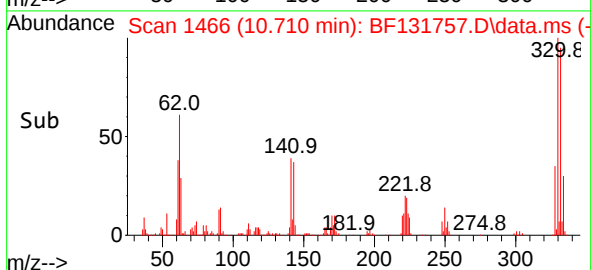
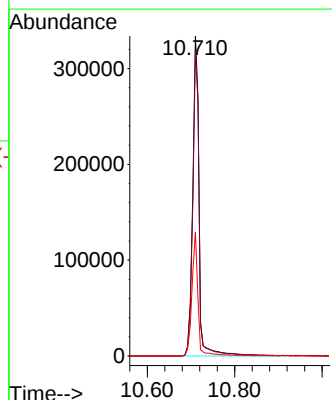
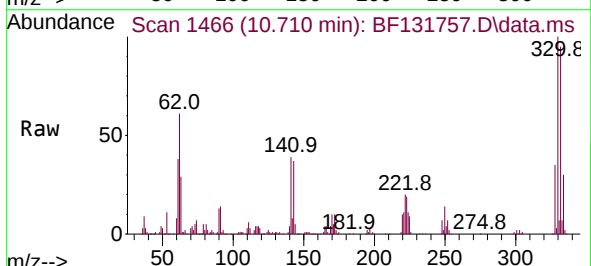
Tgt Ion:330 Resp: 338019

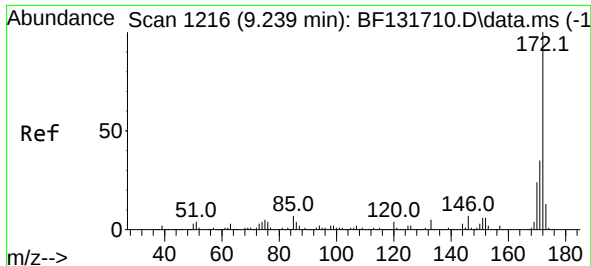
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 37.0 30.4 45.6

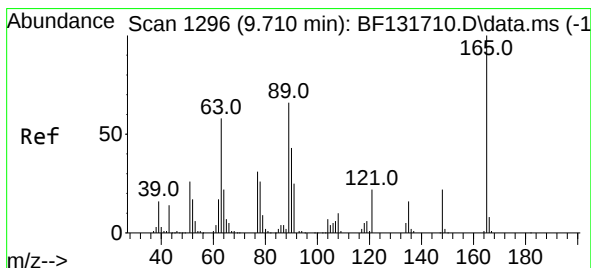
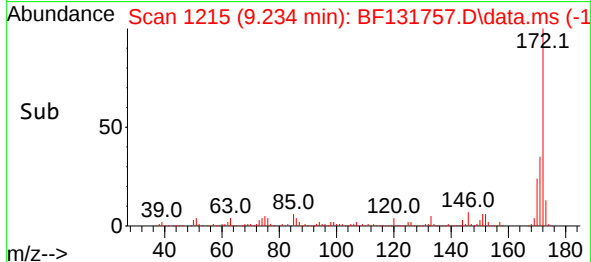
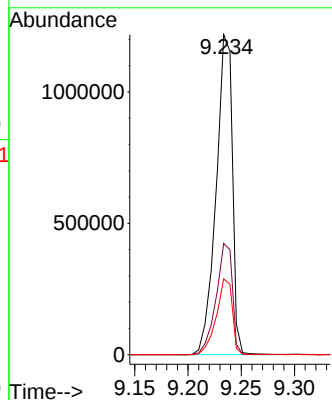
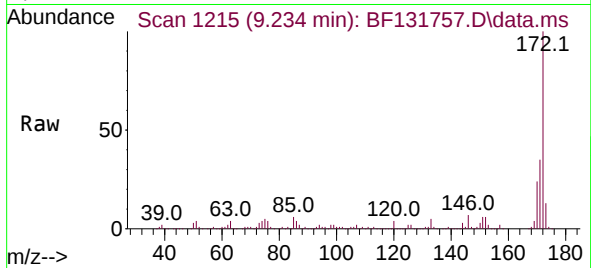




#45
2-Fluorobiphenyl
Concen: 94.899 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

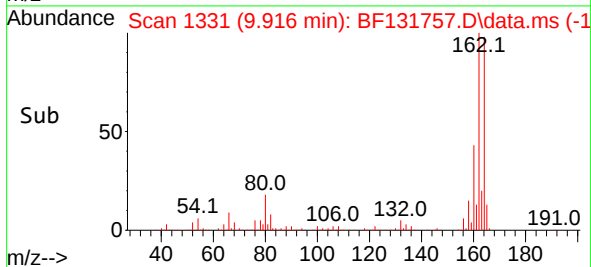
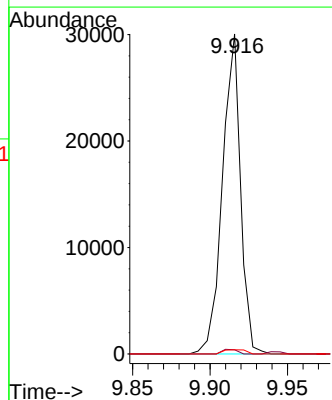
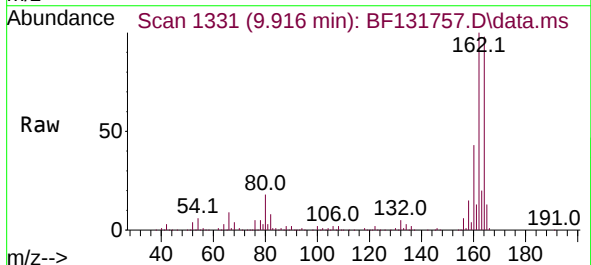
Instrument :
BNA_F
ClientSampleId :

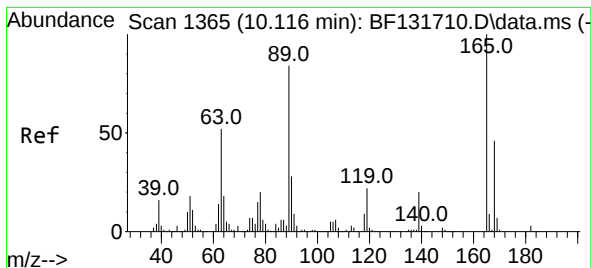
Tgt Ion:172 Resp: 1297795
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.847 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

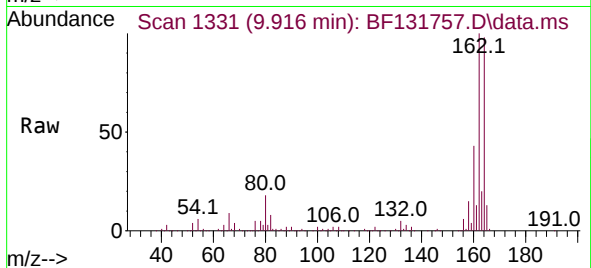
Tgt Ion:165 Resp: 24322
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.3 53.2 79.8#



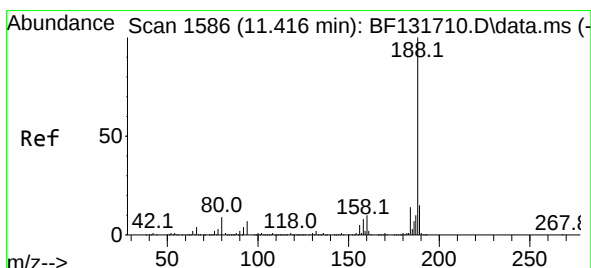
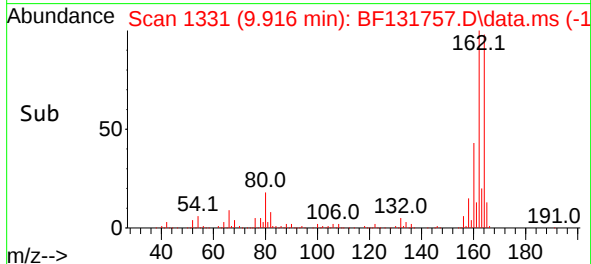
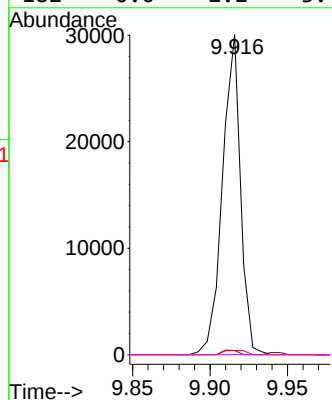


#57
2,4-Dinitrotoluene
Concen: 5.840 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

Instrument :
BNA_F
ClientSampleId :

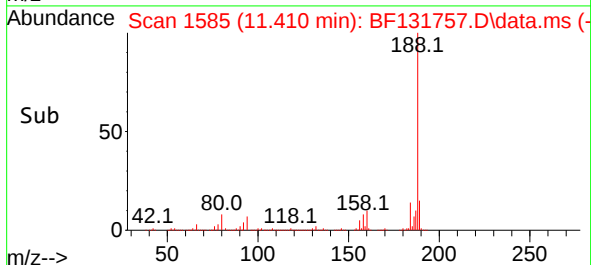
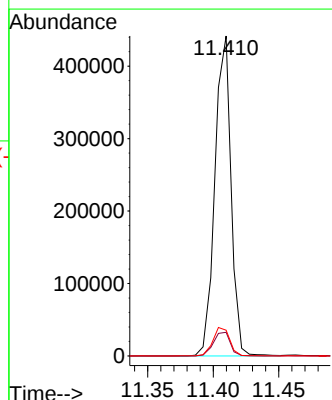
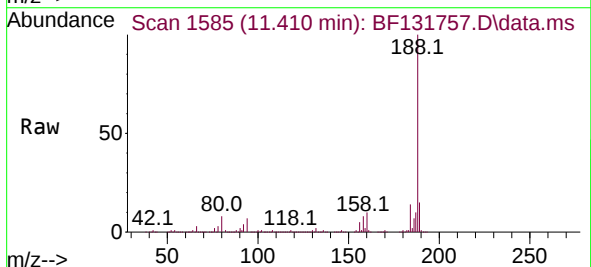


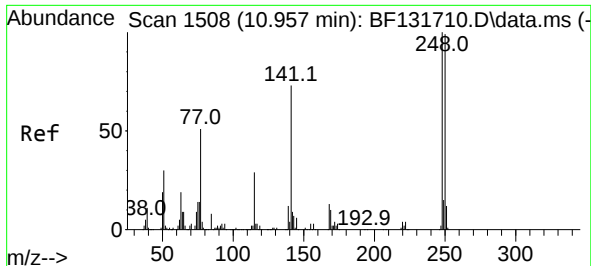
Tgt Ion:165 Resp: 24322
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 1.3 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

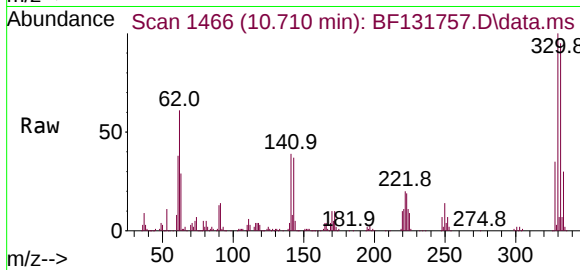
Tgt Ion:188 Resp: 378362
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.0 7.0 10.6



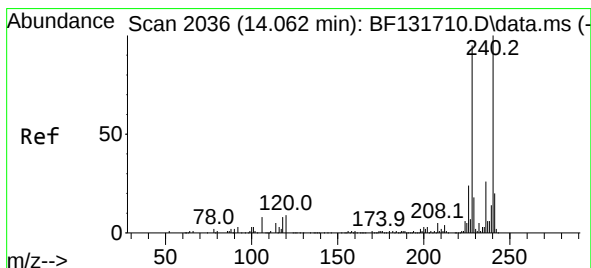
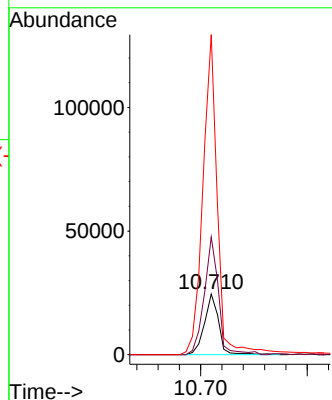
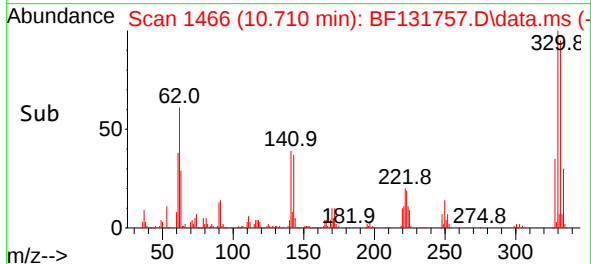


#67
4-Bromophenyl-phenylether
Concen: 5.130 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30

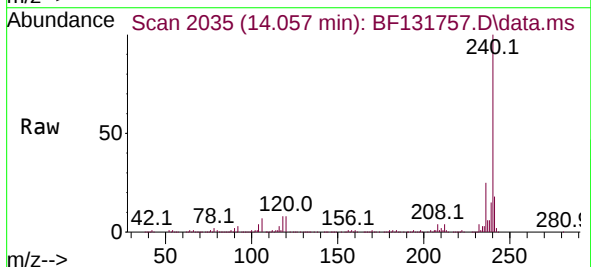
Instrument :
BNA_F
ClientSampleId :



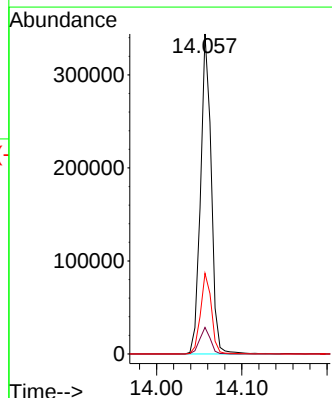
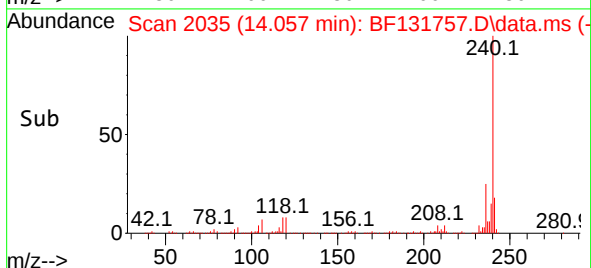
Tgt Ion:248 Resp: 22923
Ion Ratio Lower Upper
248 100
250 194.3 79.4 119.0#
141 527.7 58.1 87.1#

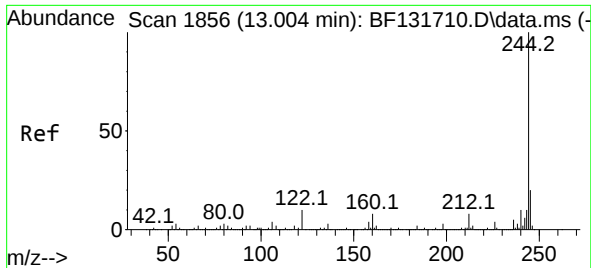


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131757.D
Acq: 21 Dec 2022 21:30



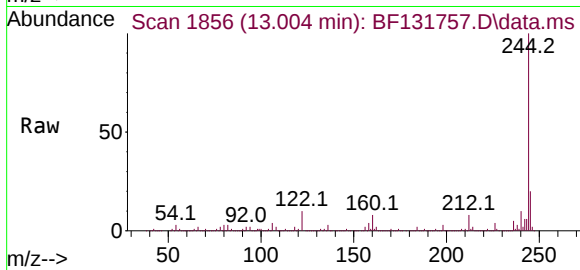
Tgt Ion:240 Resp: 299535
Ion Ratio Lower Upper
240 100
120 8.3 7.6 11.4
236 25.2 21.2 31.8



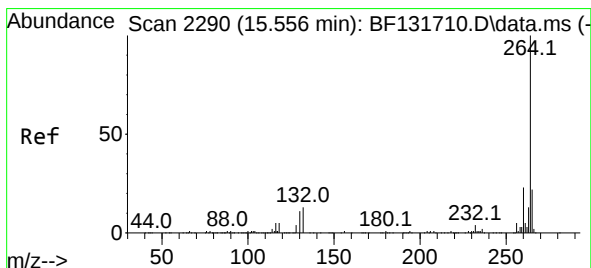
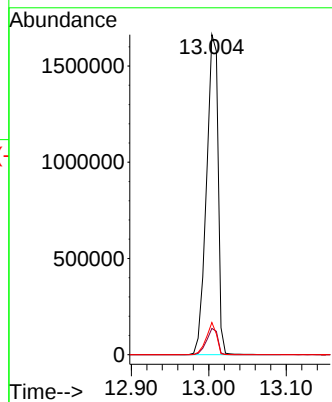
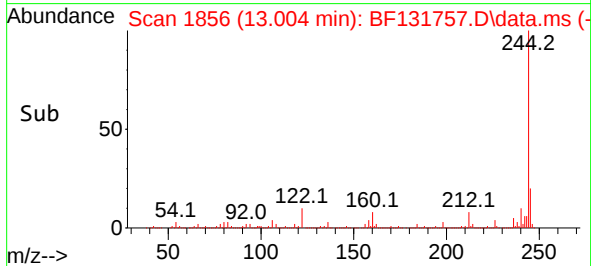


#79
 Terphenyl-d14
 Concen: 89.874 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131757.D
 Acq: 21 Dec 2022 21:30

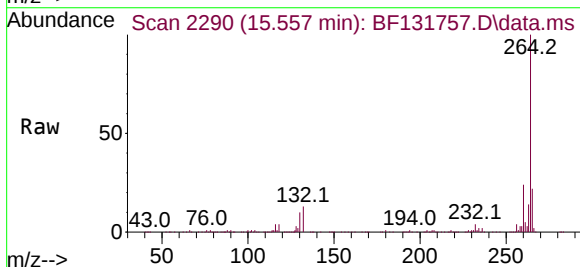
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1727308
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 10.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131757.D
 Acq: 21 Dec 2022 21:30



Tgt Ion:264 Resp: 270997
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 21.7 17.4 26.2

