

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131754.D
 Acq On : 21 Dec 2022 19:55
 Operator : CG\JU
 Sample : N6092-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:50:02 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

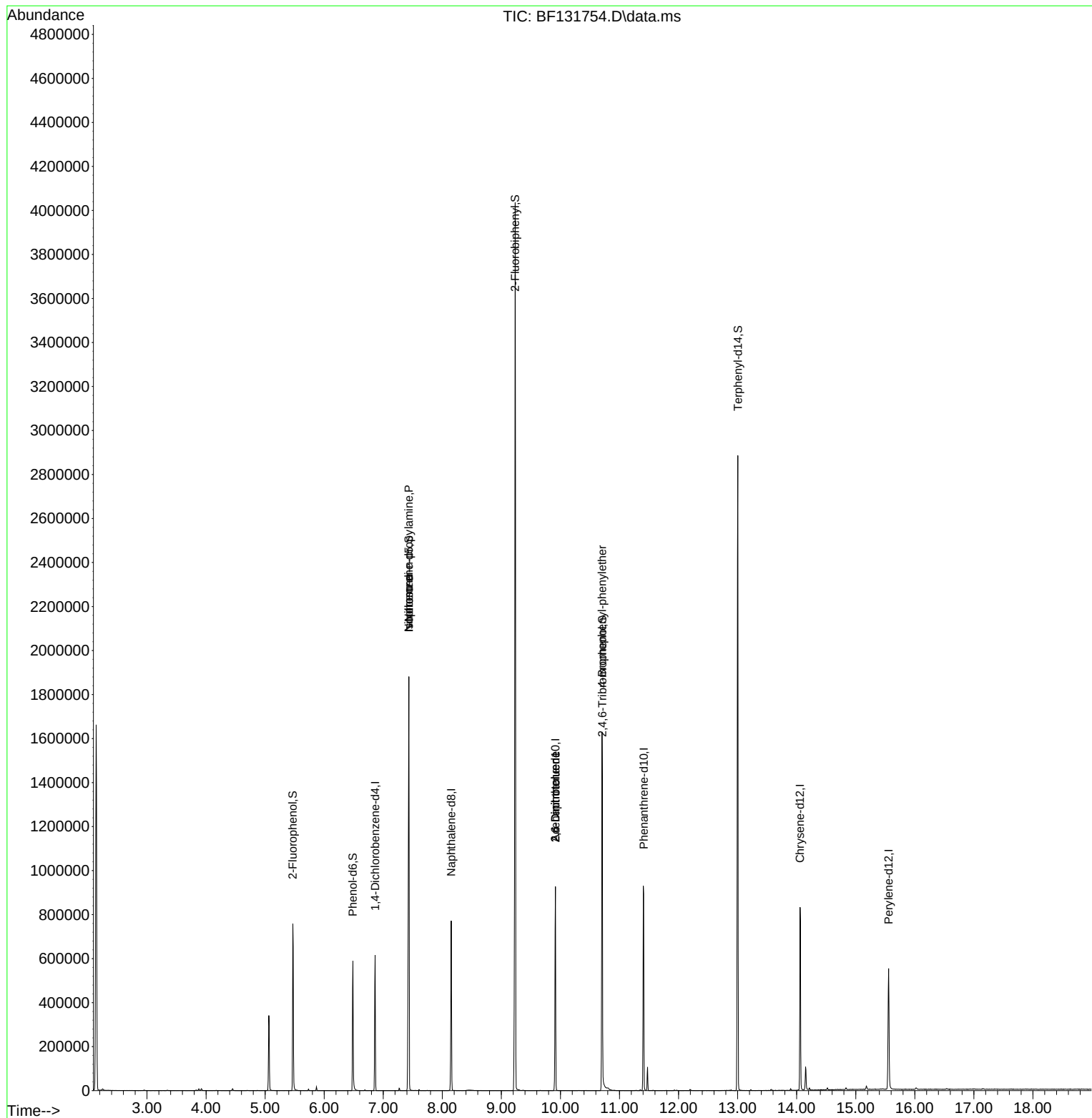
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

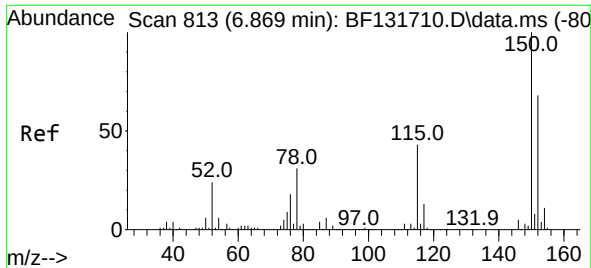
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83034	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301094	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	179372	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	362382	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288010	20.000	ng	0.00
86) Perylene-d12	15.557	264	266013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186286	37.778	ng	0.00
7) Phenol-d6	6.487	99	182435	27.487	ng	-0.02
23) Nitrobenzene-d5	7.434	82	694231	93.603	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	189424	96.483	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1266013	98.871	ng	0.00
79) Terphenyl-d14	13.004	244	992576	53.712	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	210	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.434	70	96866	20.236	ng	# 80
25) Isophorone	7.434	82	690624	54.830	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22361	7.705	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22361	5.734	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	12744	2.978	ng	# 1

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

Instrument :
BNA_F
ClientSampleId :

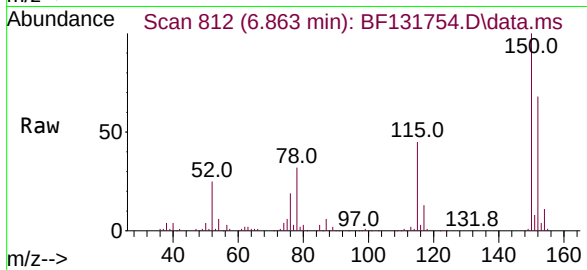
Quant Time: Dec 22 05:50:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration



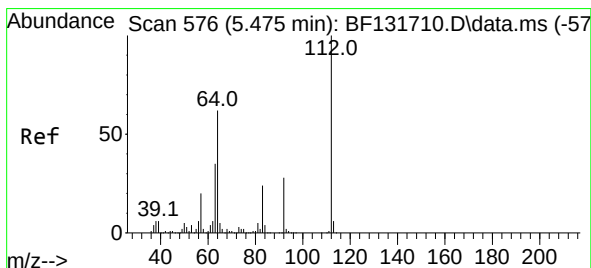
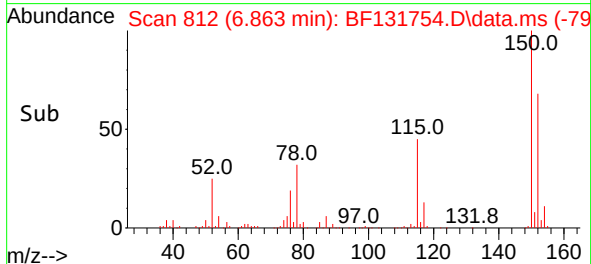
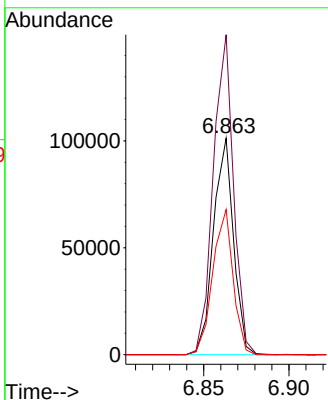


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Instrument :
BNA_F
ClientSampleId :

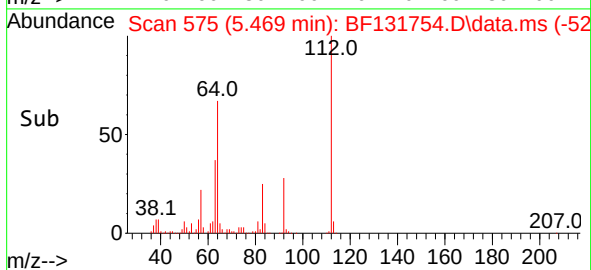
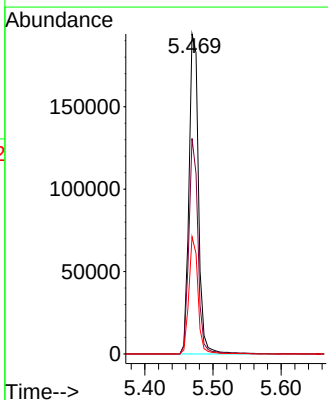
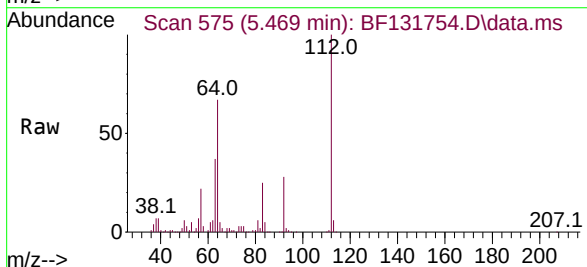


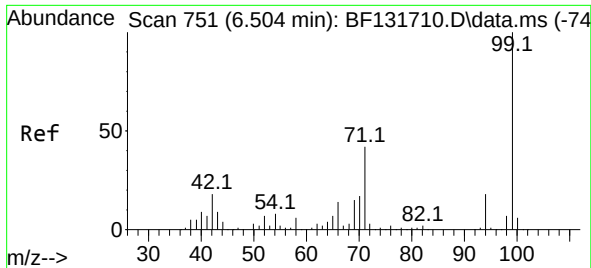
Tgt Ion:152 Resp: 83034
Ion Ratio Lower Upper
152 100
150 147.9 117.4 176.0
115 67.1 50.2 75.4



#5
2-Fluorophenol
Concen: 37.778 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Tgt Ion:112 Resp: 186286
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 36.7 28.2 42.2

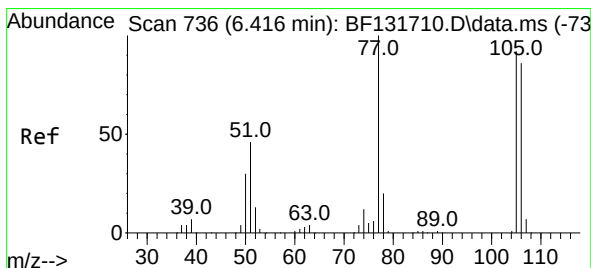
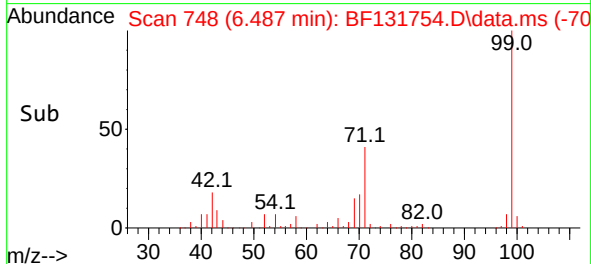
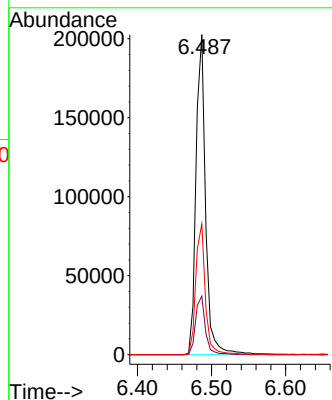
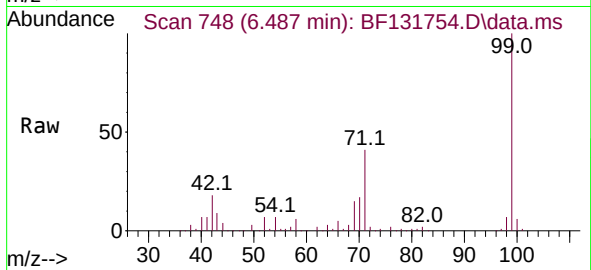




#7
Phenol-d6
Concen: 27.487 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.017 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

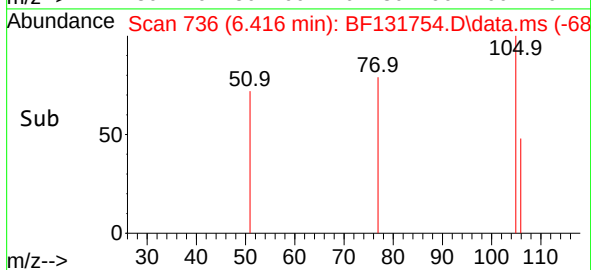
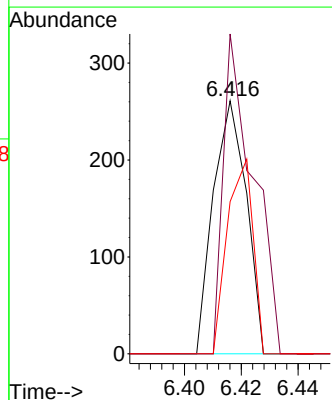
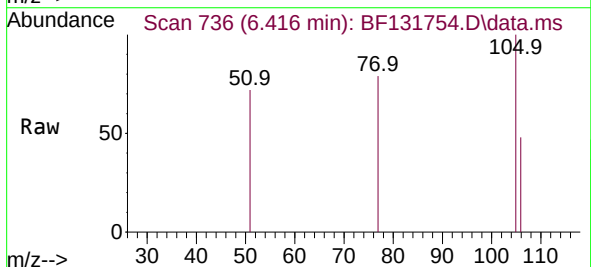
Instrument :
BNA_F
ClientSampleId :

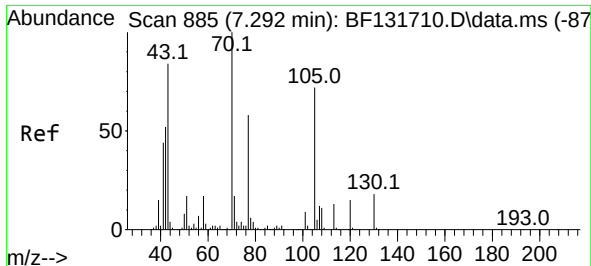
Tgt Ion: 99 Resp: 182435
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 40.8 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

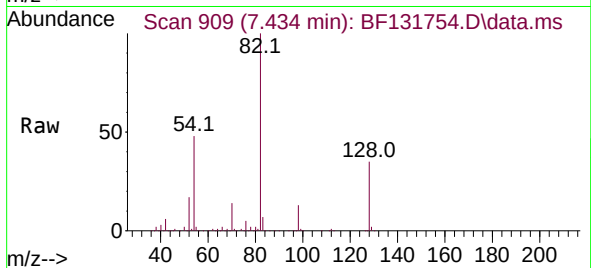
Tgt Ion: 77 Resp: 210
Ion Ratio Lower Upper
77 100
105 126.4 72.4 112.4#
106 60.2 66.5 106.5#



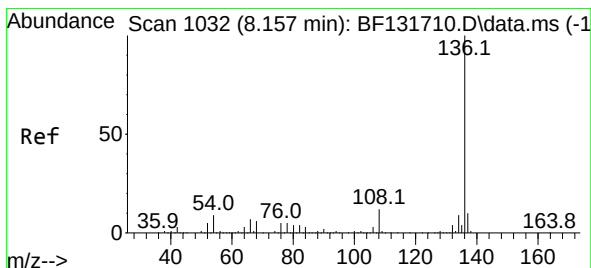
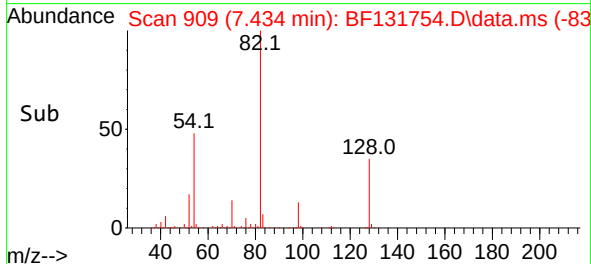
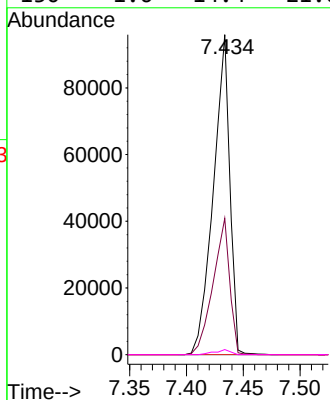


#19
n-Nitroso-di-n-propylamine
Concen: 20.236 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Instrument :
BNA_F
ClientSampleId :

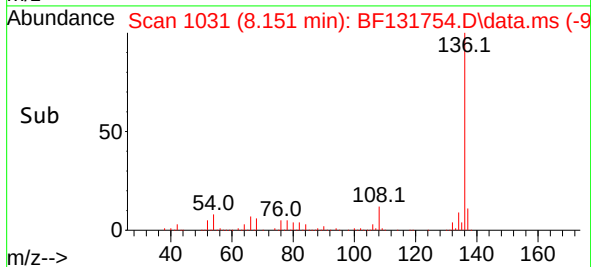
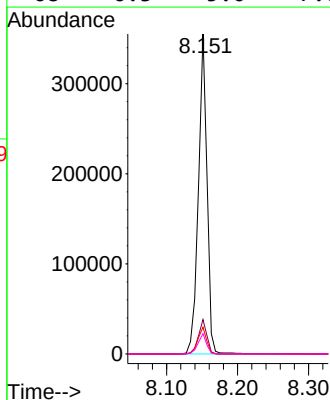
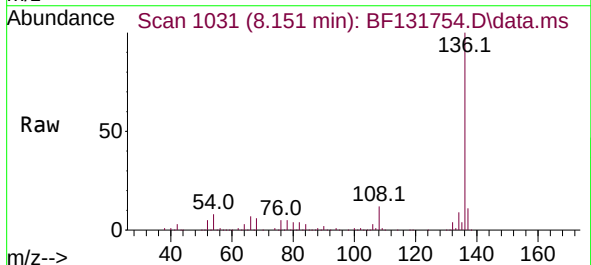


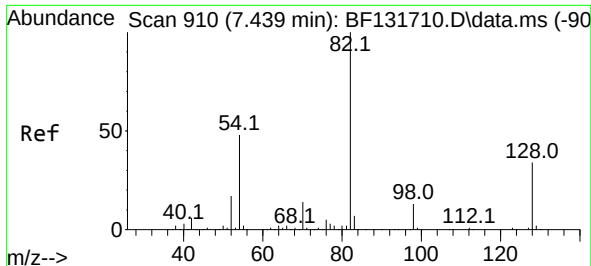
Tgt Ion: 70	Resp: 96866
Ion Ratio	Lower Upper
70 100	
42 42.6	41.5 62.3
101 0.0	7.3 10.9#
130 1.6	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Tgt Ion:136	Resp: 301094
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 8.3	7.2 10.8
68 6.3	5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.603 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131754.D

Acq: 21 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :

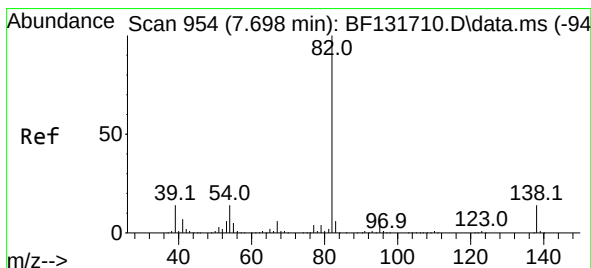
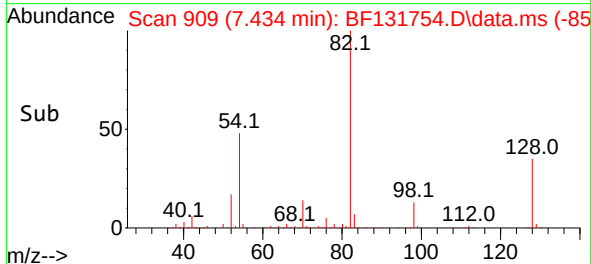
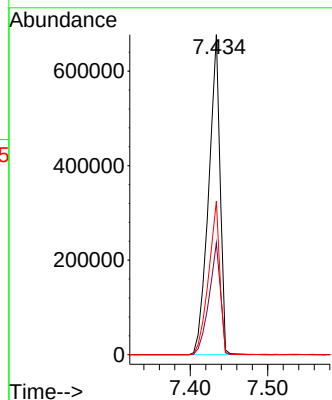
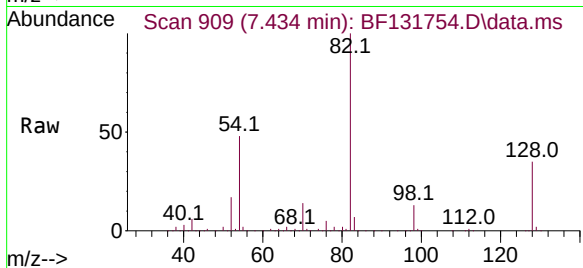
Tgt Ion: 82 Resp: 694231

Ion Ratio Lower Upper

82 100

128 34.9 27.3 40.9

54 48.0 38.2 57.2



#25

Isophorone

Concen: 54.830 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131754.D

Acq: 21 Dec 2022 19:55

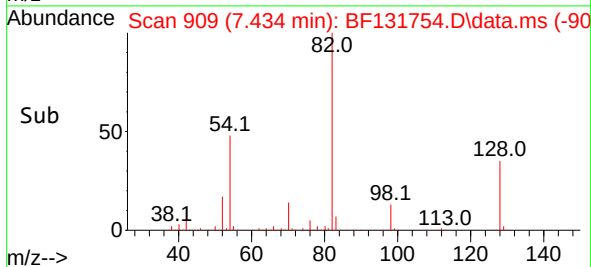
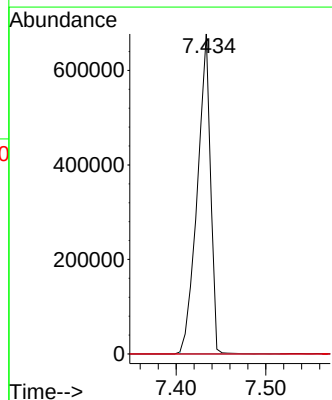
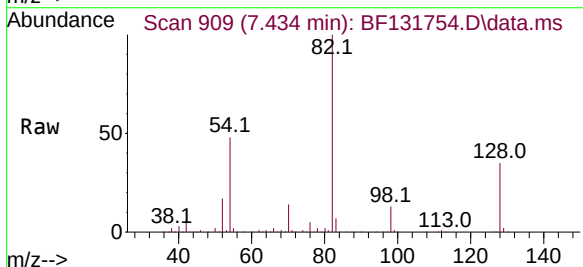
Tgt Ion: 82 Resp: 690624

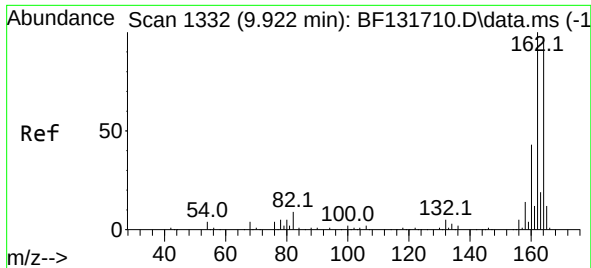
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

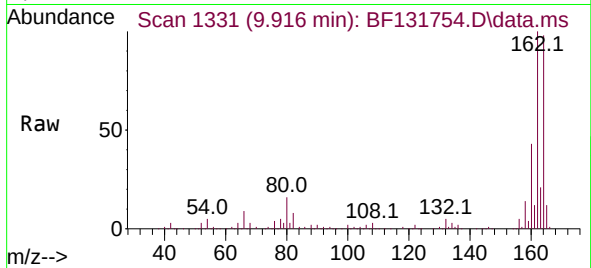
138 0.0 11.6 17.4#



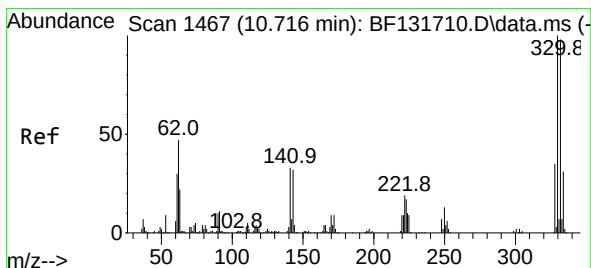
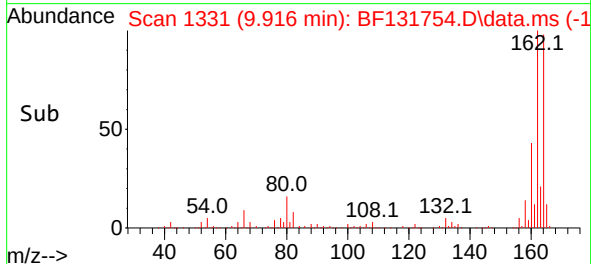
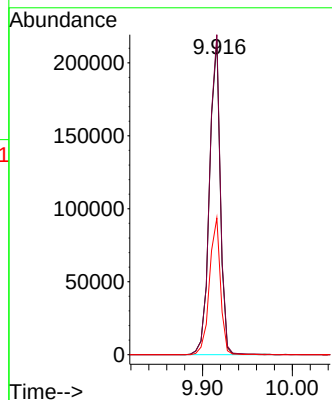


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Instrument :
BNA_F
ClientSampleId :

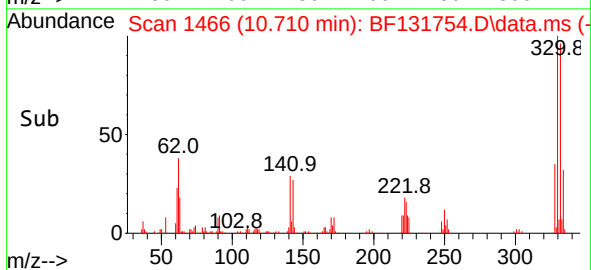
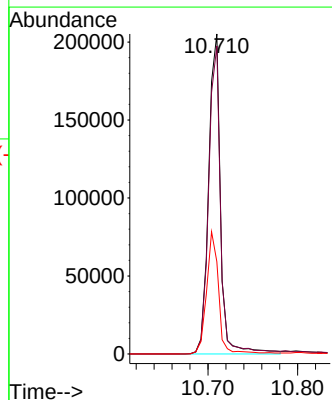
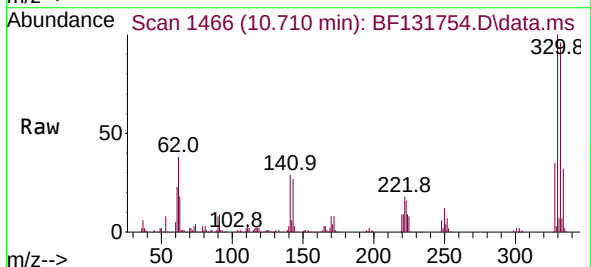


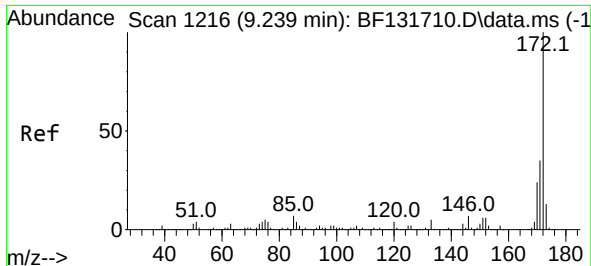
Tgt Ion:164 Resp: 179372
Ion Ratio Lower Upper
164 100
162 101.8 83.7 125.5
160 43.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 96.483 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Tgt Ion:330 Resp: 189424
Ion Ratio Lower Upper
330 100
332 99.9 77.1 115.7
141 38.9 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 98.871 ng

RT: 9.234 min Scan# 1

Delta R.T. -0.005 min

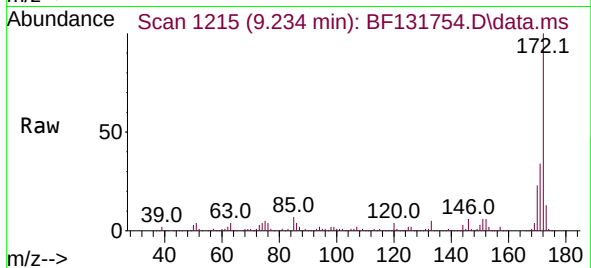
Lab File: BF131754.D

Acq: 21 Dec 2022 19:55

Instrument :

BNA_F

ClientSampleId :



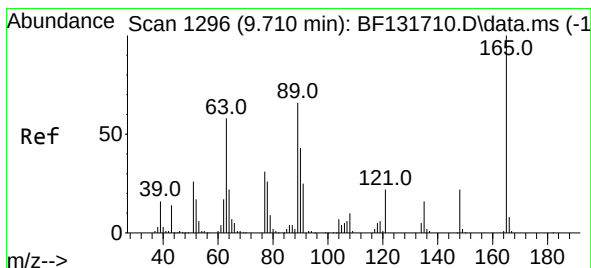
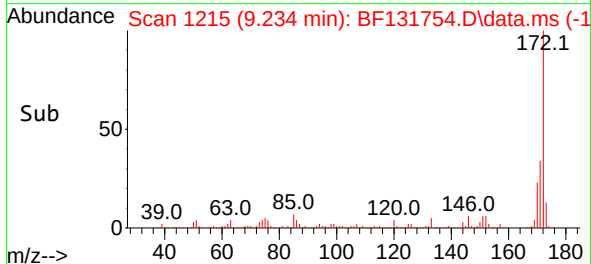
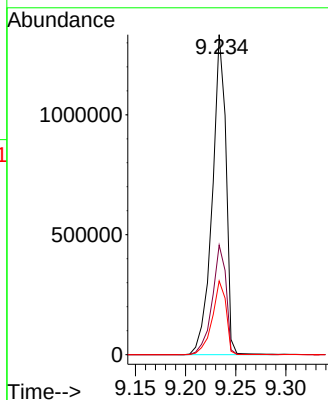
Tgt Ion:172 Resp: 1266013

Ion Ratio Lower Upper

172 100

171 34.2 27.9 41.9

170 23.1 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.705 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131754.D

Acq: 21 Dec 2022 19:55

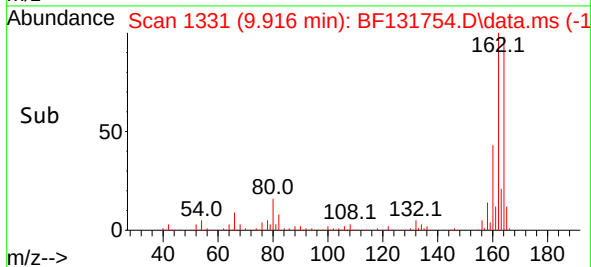
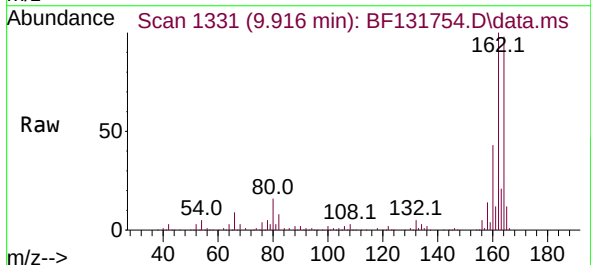
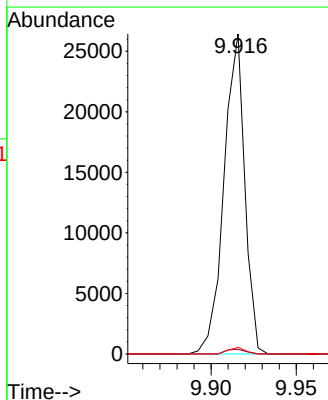
Tgt Ion:165 Resp: 22361

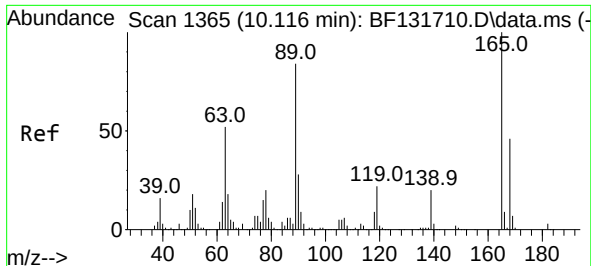
Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

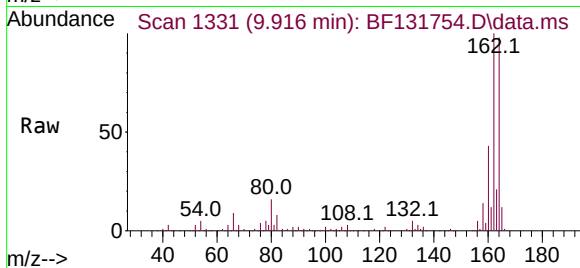
89 2.1 53.2 79.8#



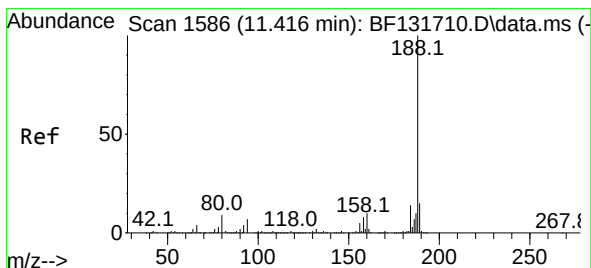
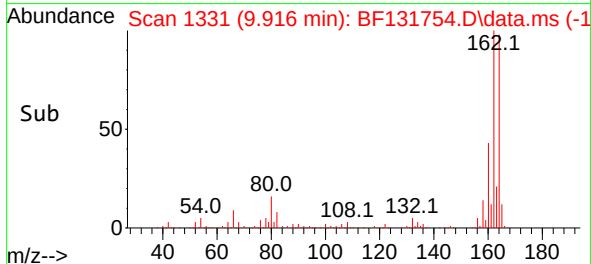
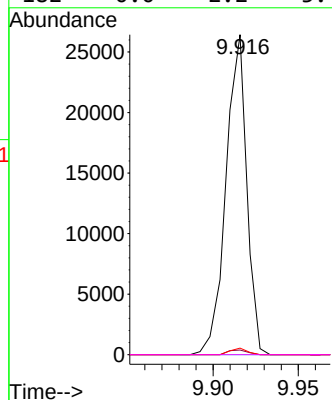


#57
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

Instrument :
BNA_F
ClientSampleId :

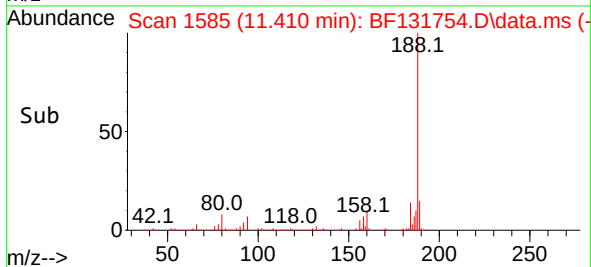
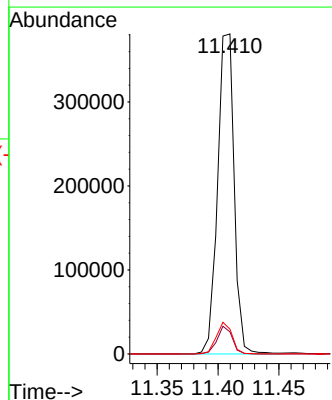
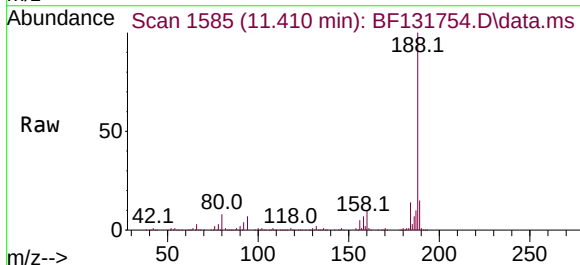


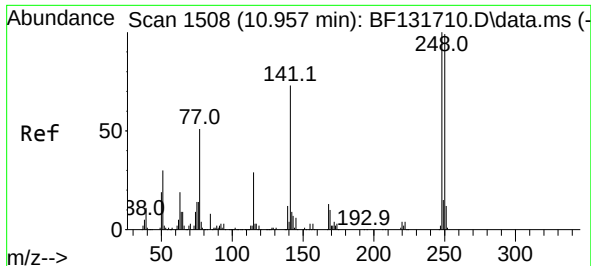
Tgt Ion:165 Resp: 22361
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 2.1 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

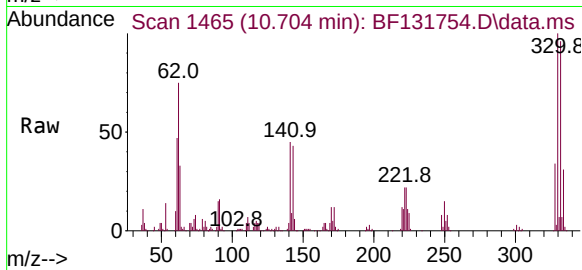
Tgt Ion:188 Resp: 362382
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 7.8 7.0 10.6



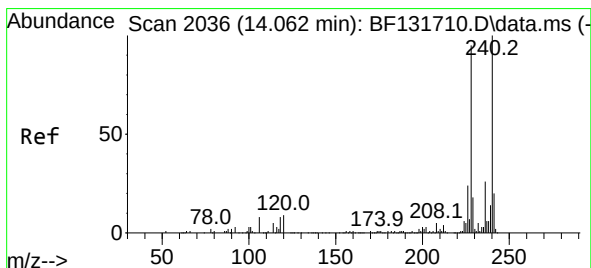
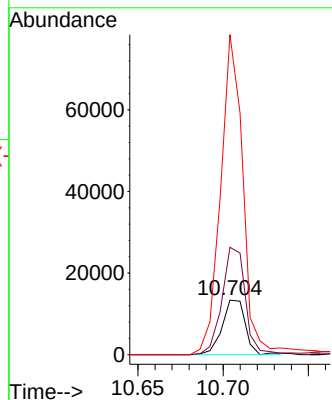
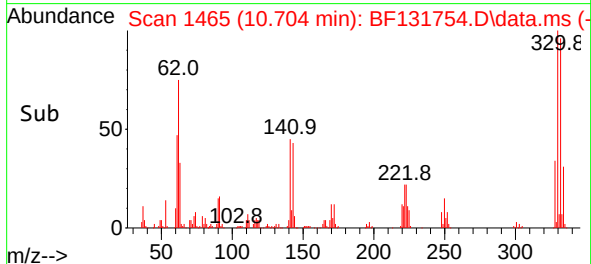


#67
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55

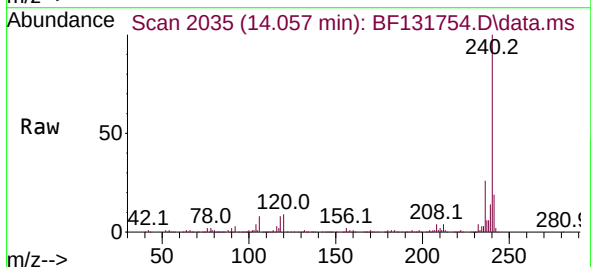
Instrument :
BNA_F
ClientSampleId :



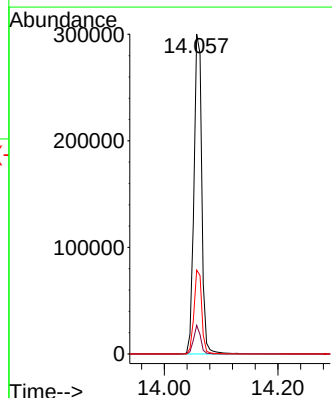
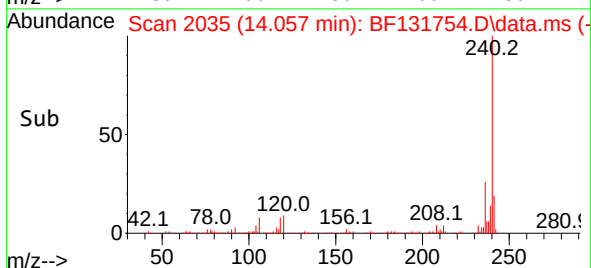
Tgt Ion:248 Resp: 12744
Ion Ratio Lower Upper
248 100
250 196.7 79.4 119.0#
141 586.2 58.1 87.1#

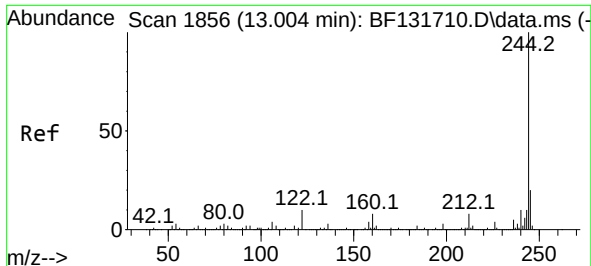


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131754.D
Acq: 21 Dec 2022 19:55



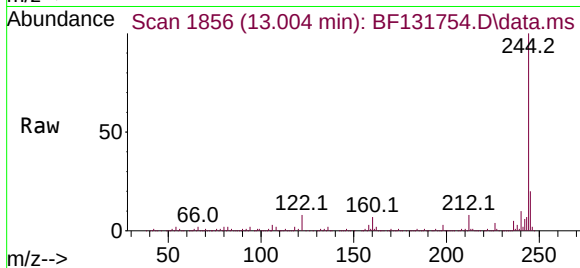
Tgt Ion:240 Resp: 288010
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 26.2 21.2 31.8



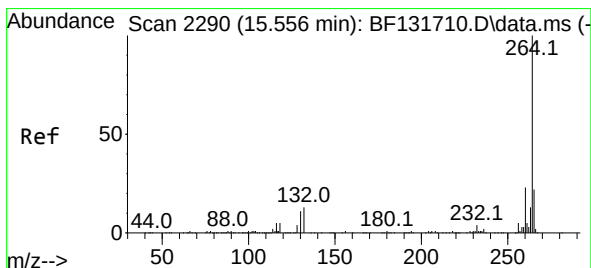
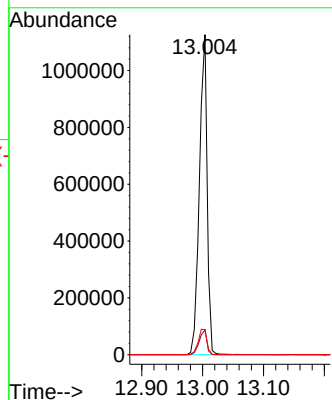
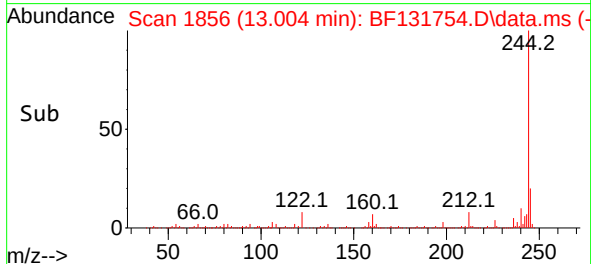


#79
 Terphenyl-d14
 Concen: 53.712 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131754.D
 Acq: 21 Dec 2022 19:55

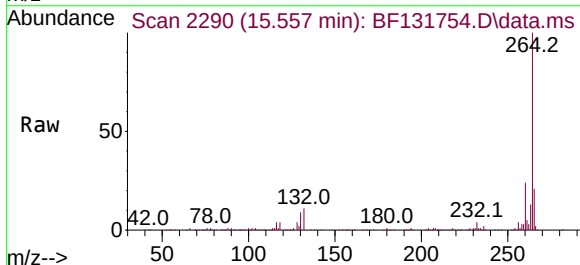
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 992576
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.8 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: BF131754.D
 Acq: 21 Dec 2022 19:55



Tgt Ion:264 Resp: 266013
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.0 17.4 26.2

