

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131756.D
 Acq On : 21 Dec 2022 20:58
 Operator : CG\JU
 Sample : N6160-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3051

Quant Time: Dec 22 05:50:32 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)

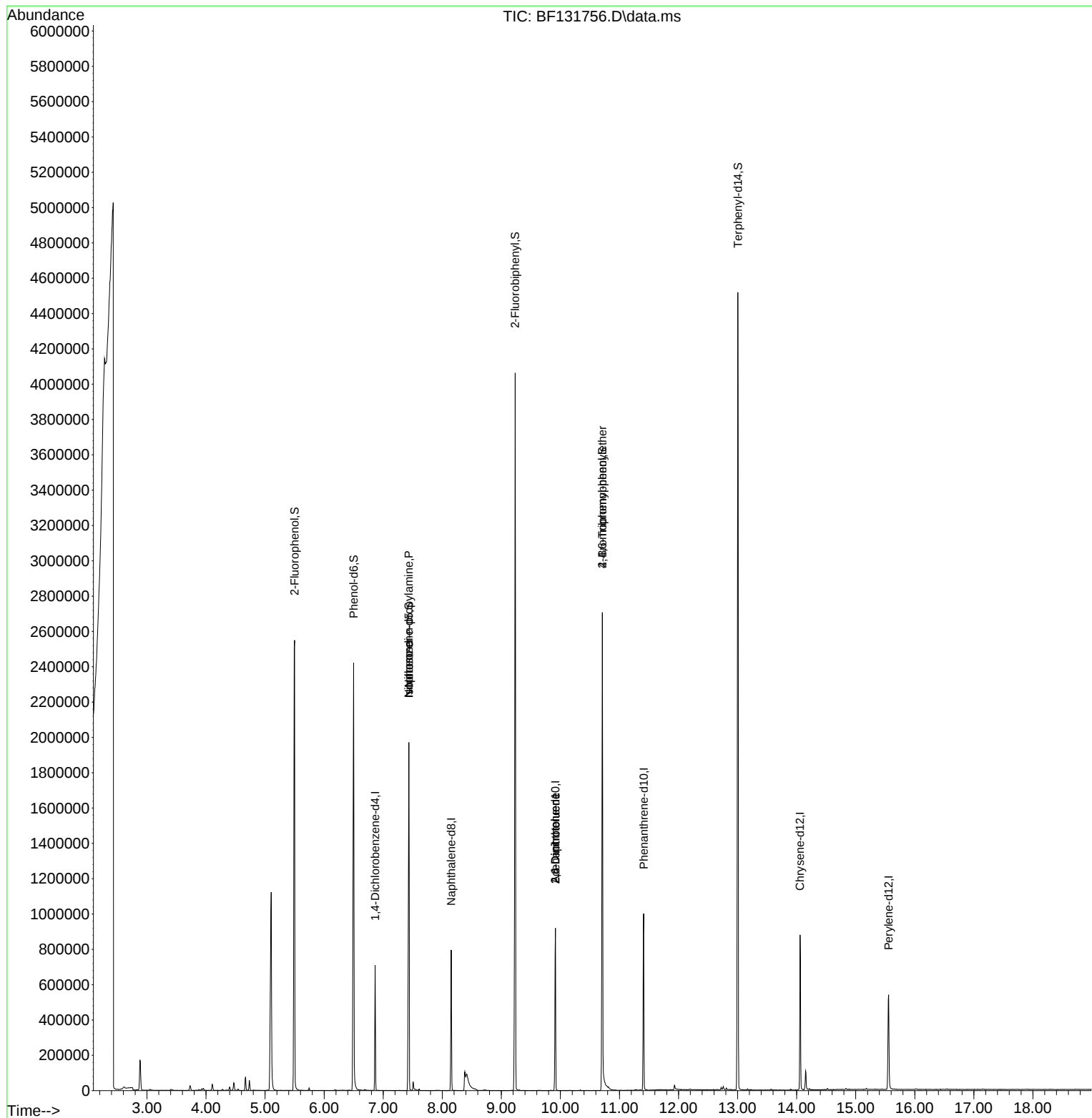
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86309	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308073	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	182783	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	366636	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292912	20.000	ng	0.00
86) Perylene-d12	15.557	264	264185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	729277	142.282	ng	0.02
7) Phenol-d6	6.498	99	871302	126.296	ng	0.00
23) Nitrobenzene-d5	7.434	82	734090	96.734	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	330650	165.273	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1278439	97.978	ng	0.00
79) Terphenyl-d14	13.004	244	1733750	92.249	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.422	77	349	Below Cal	#	58
19) n-Nitroso-di-n-propyla...	7.434	70	102501	20.601	ng	# 79
25) Isophorone	7.434	82	731329	56.747	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	23149	7.828	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	23149	5.825	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	22325	5.156	ng	# 1

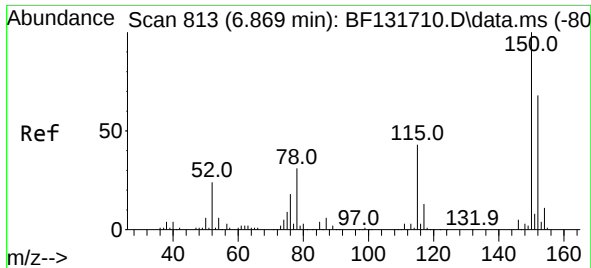
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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Misc :
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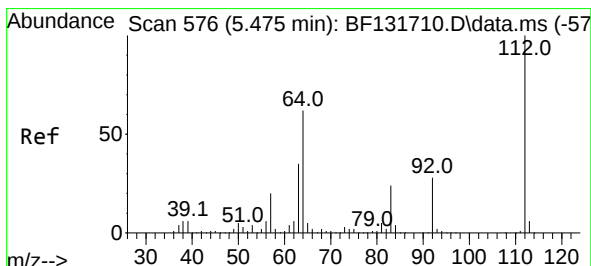
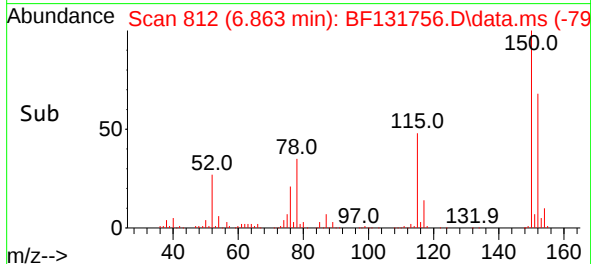
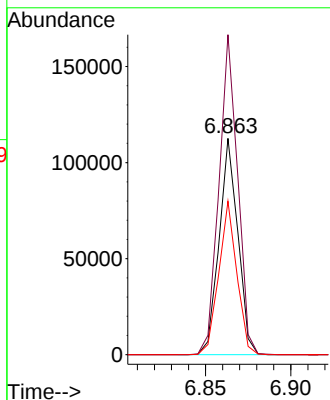
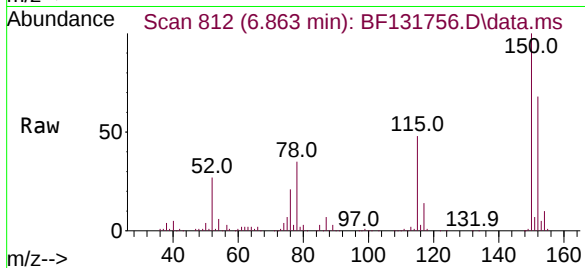




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

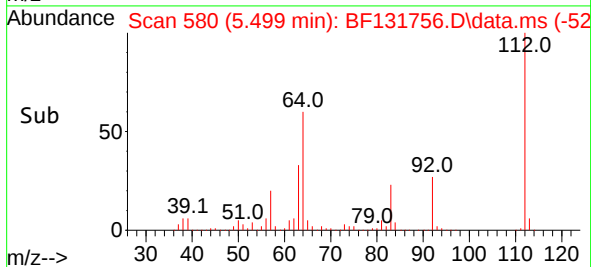
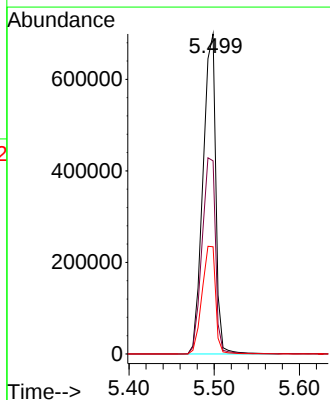
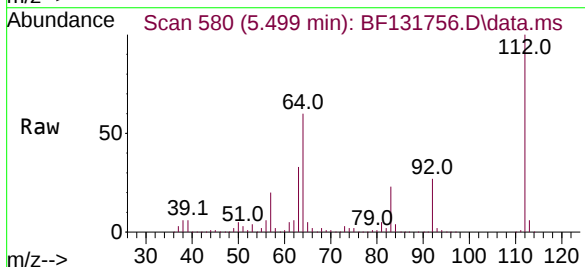
Instrument :
BNA_F
ClientSampleId :
COMP-3051

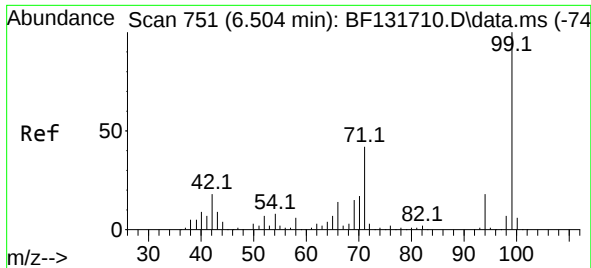
Tgt Ion:152 Resp: 86309
Ion Ratio Lower Upper
152 100
150 147.9 117.4 176.0
115 70.9 50.2 75.4



#5
2-Fluorophenol
Concen: 142.282 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.024 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Tgt Ion:112 Resp: 729277
Ion Ratio Lower Upper
112 100
64 60.4 49.5 74.3
63 33.5 28.2 42.2

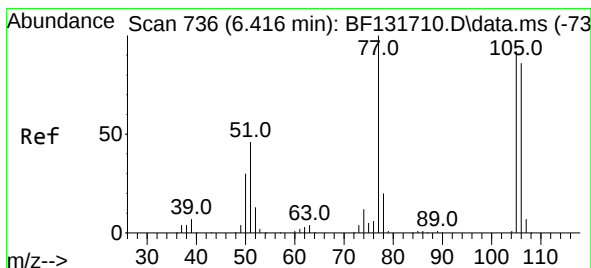
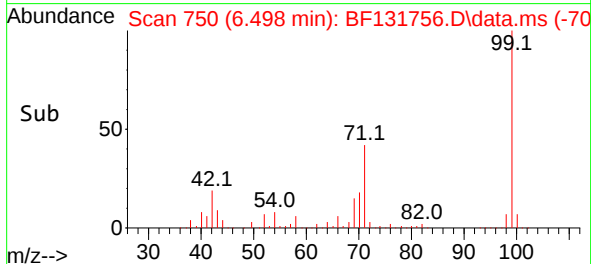
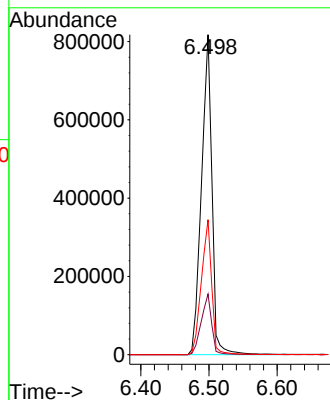
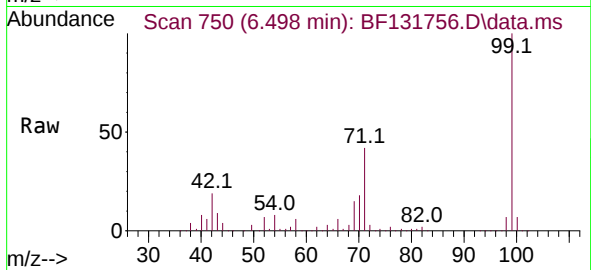




#7
Phenol-d6
Concen: 126.296 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

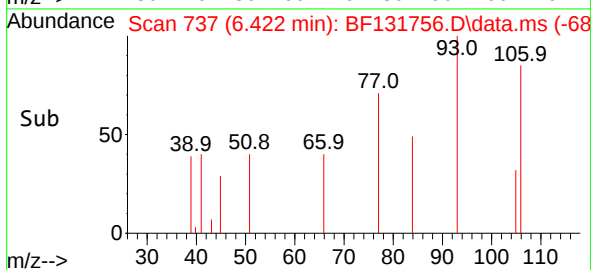
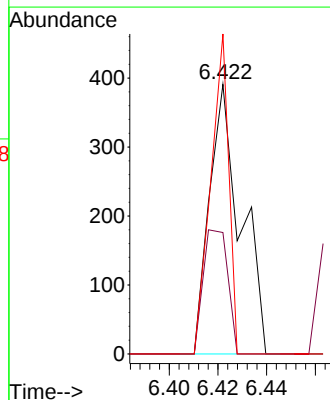
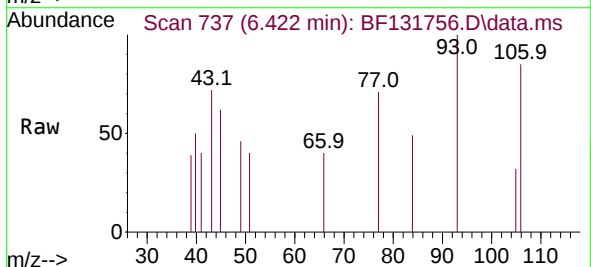
Instrument :
BNA_F
ClientSampleId :
COMP-3051

Tgt Ion: 99 Resp: 871302
Ion Ratio Lower Upper
99 100
42 19.0 14.8 22.2
71 42.2 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

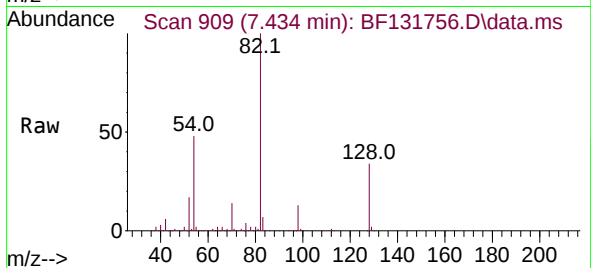
Tgt Ion: 77 Resp: 349
Ion Ratio Lower Upper
77 100
105 45.0 72.4 112.4#
106 118.7 66.5 106.5#



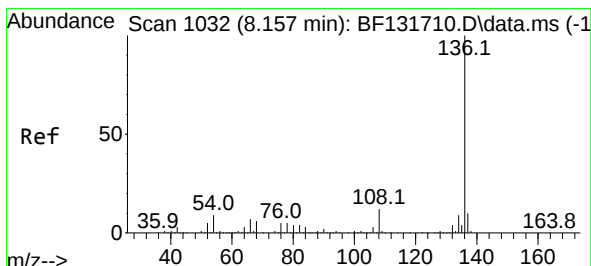
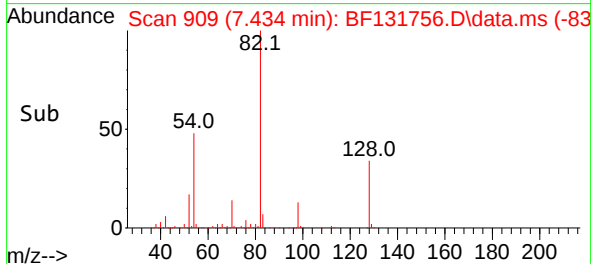
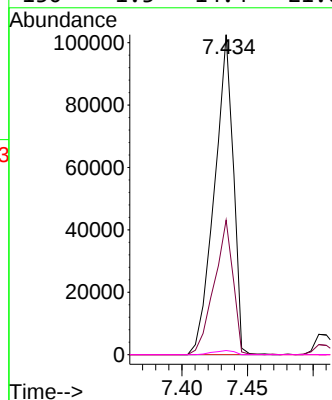


#19
n-Nitroso-di-n-propylamine
Concen: 20.601 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Instrument :
BNA_F
ClientSampleId :
COMP-3051

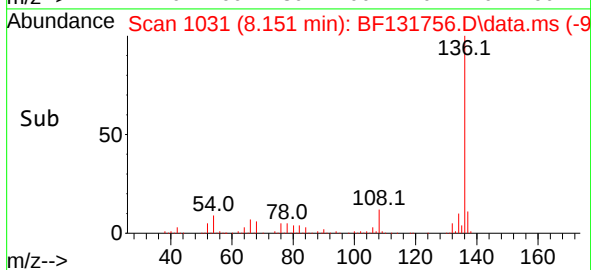
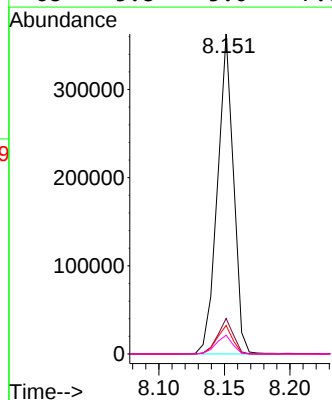
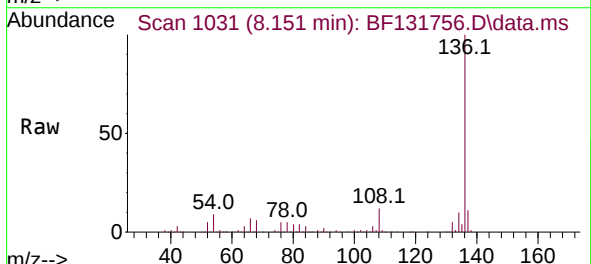


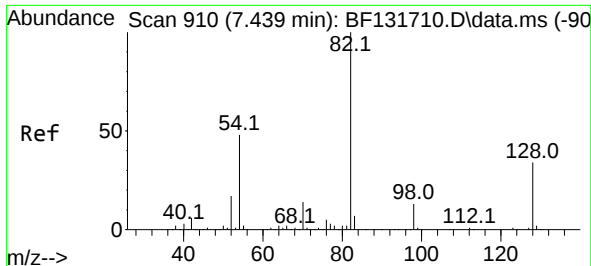
Tgt Ion: 70 Resp: 102501
Ion Ratio Lower Upper
70 100
42 42.0 41.5 62.3
101 0.0 7.3 10.9#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Tgt Ion: 136 Resp: 308073
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.9 7.2 10.8
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 96.734 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131756.D

Acq: 21 Dec 2022 20:58

Instrument :

BNA_F

ClientSampleId :

COMP-3051

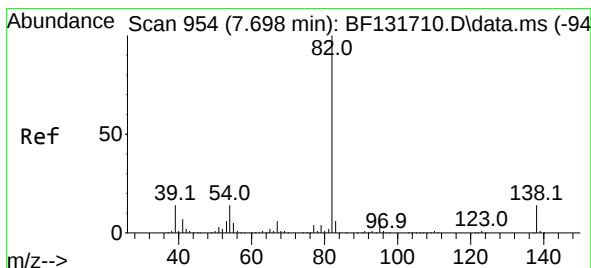
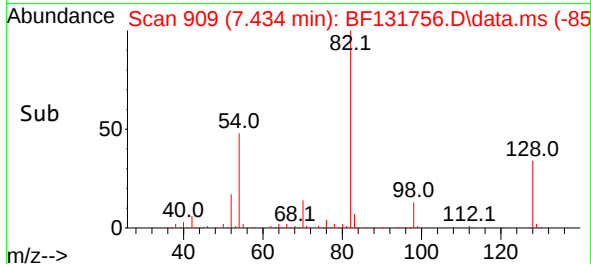
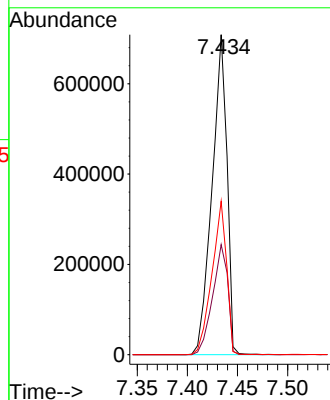
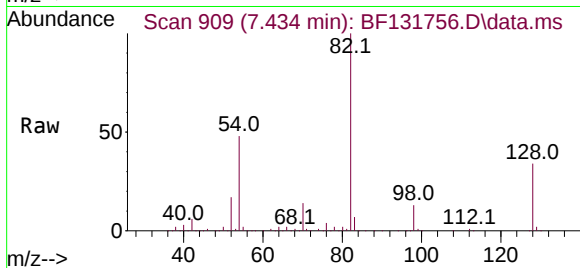
Tgt Ion: 82 Resp: 734090

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 48.0 38.2 57.2



#25

Isophorone

Concen: 56.747 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.264 min

Lab File: BF131756.D

Acq: 21 Dec 2022 20:58

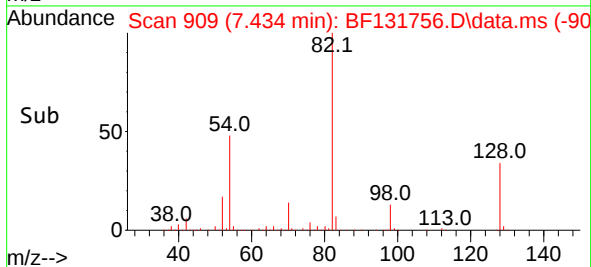
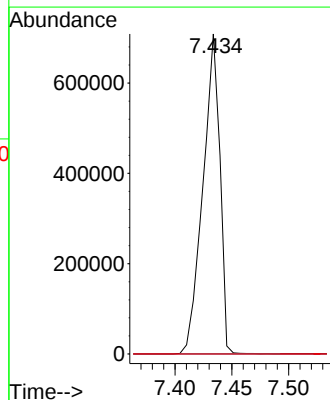
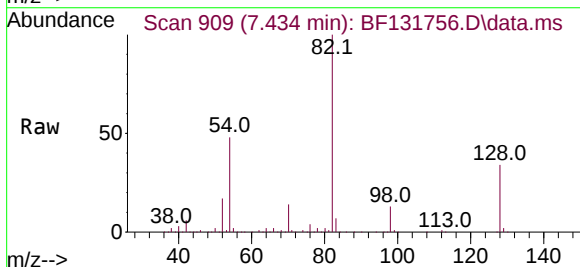
Tgt Ion: 82 Resp: 731329

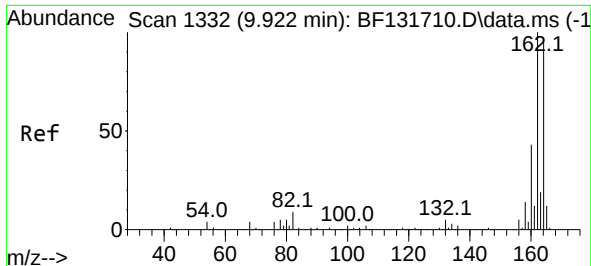
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

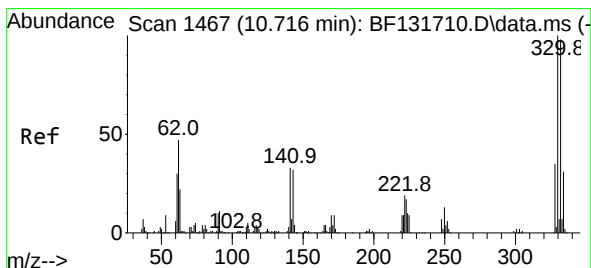
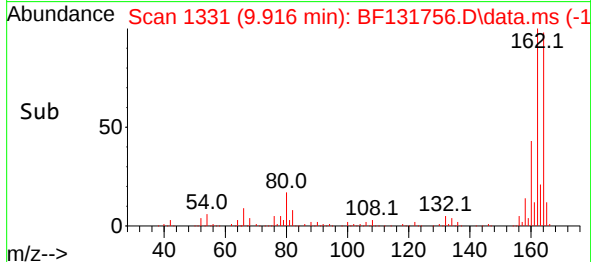
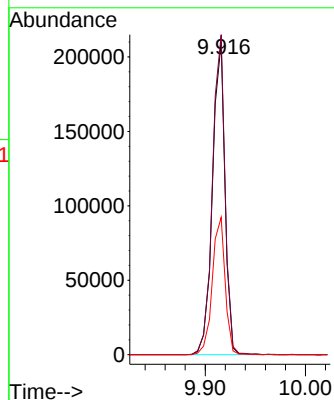
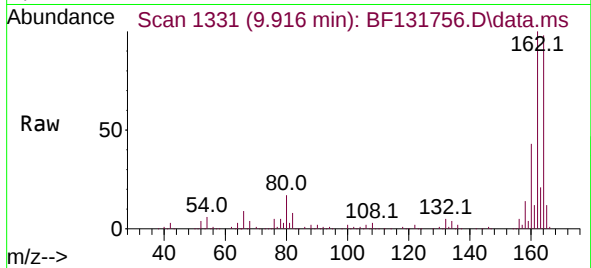




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

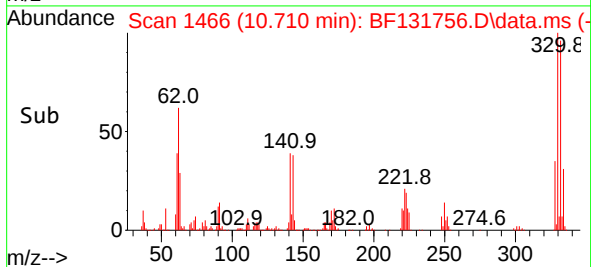
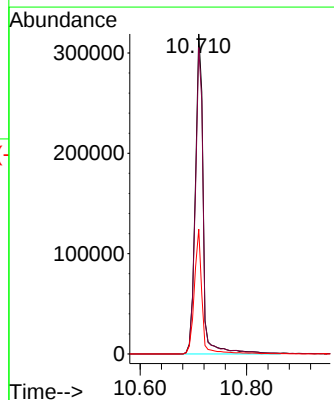
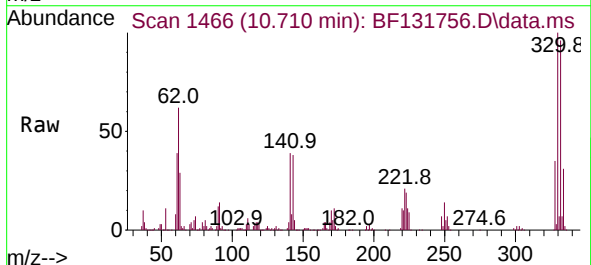
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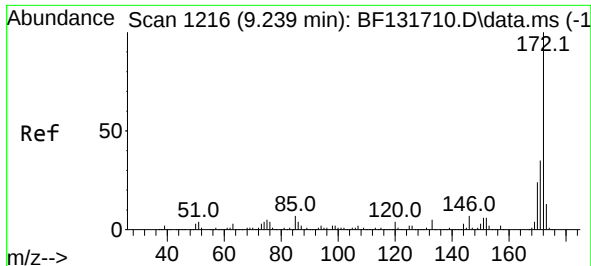
Tgt Ion:164 Resp: 182783
Ion Ratio Lower Upper
164 100
162 102.4 83.7 125.5
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 165.273 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Tgt Ion:330 Resp: 330650
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.3 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 97.978 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131756.D

Acq: 21 Dec 2022 20:58

Instrument :

BNA_F

ClientSampleId :

COMP-3051

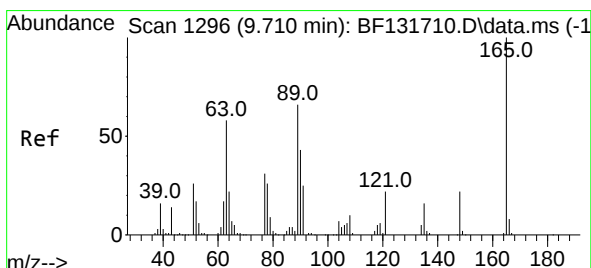
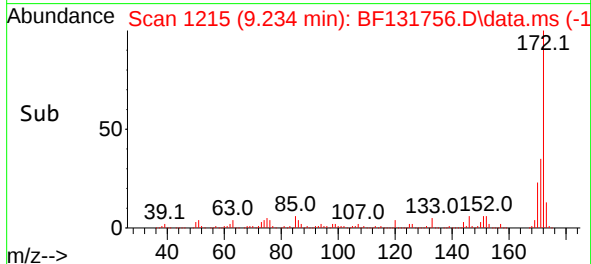
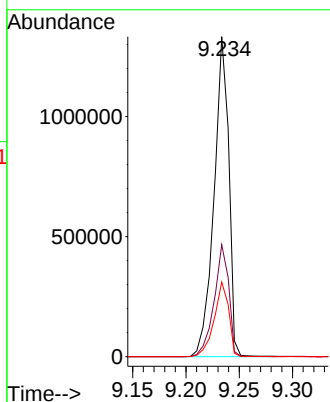
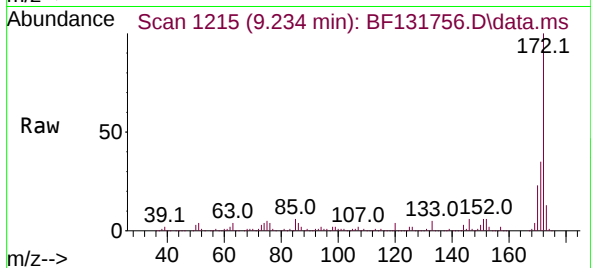
Tgt Ion:172 Resp: 1278439

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.828 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131756.D

Acq: 21 Dec 2022 20:58

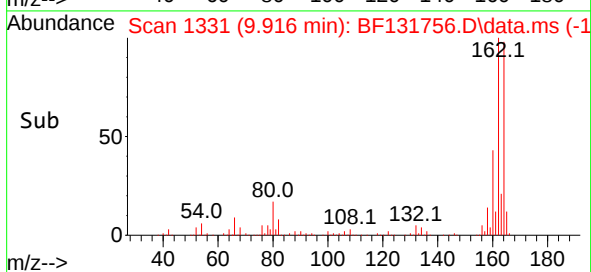
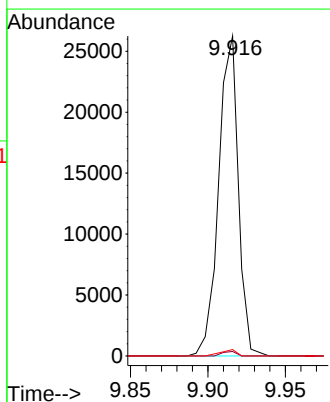
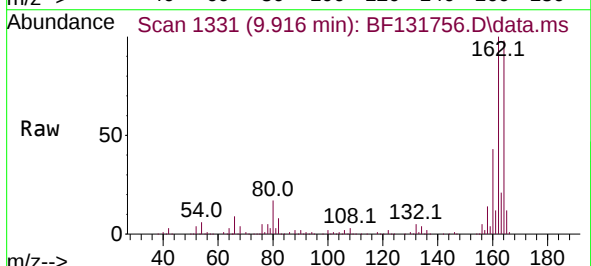
Tgt Ion:165 Resp: 23149

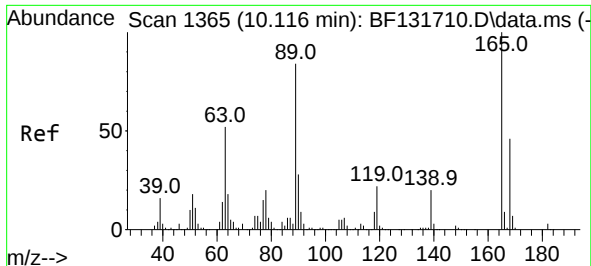
Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

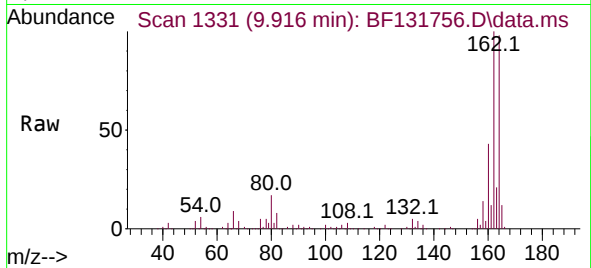
89 2.0 53.2 79.8#



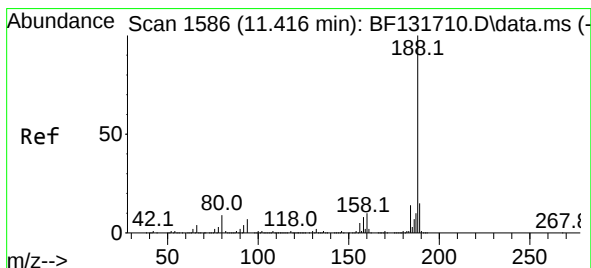
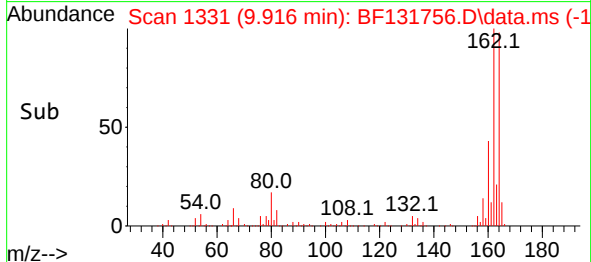
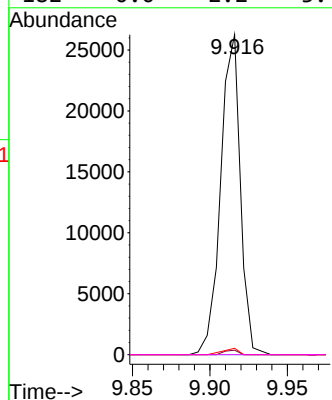


#57
2,4-Dinitrotoluene
Concen: 5.825 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Instrument :
BNA_F
ClientSampleId :
COMP-3051

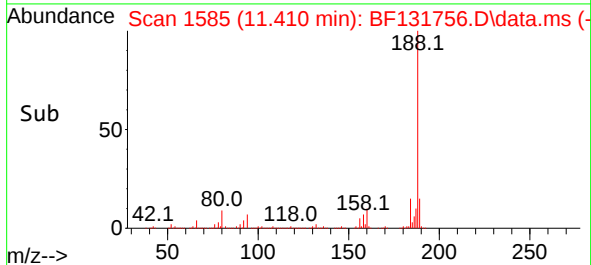
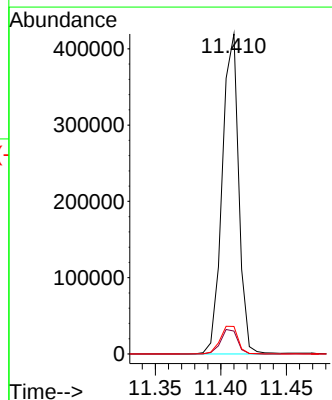
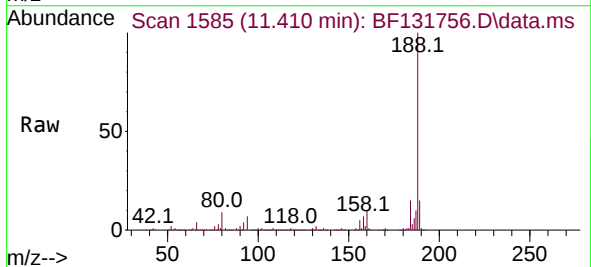


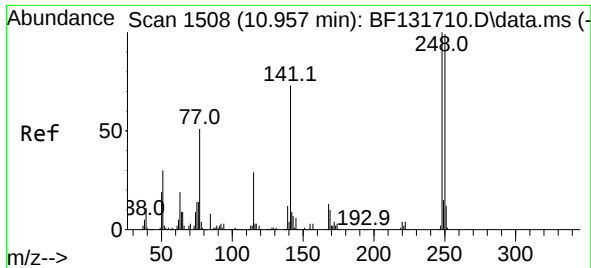
Tgt Ion:165 Resp: 23149
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 2.0 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

Tgt Ion:188 Resp: 366636
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.6 7.0 10.6

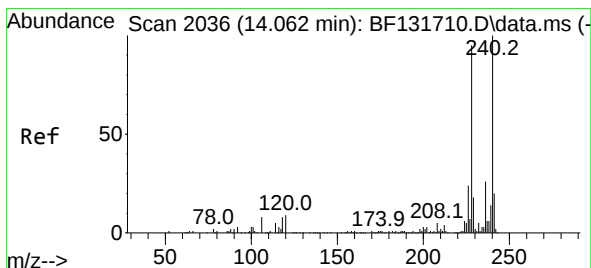
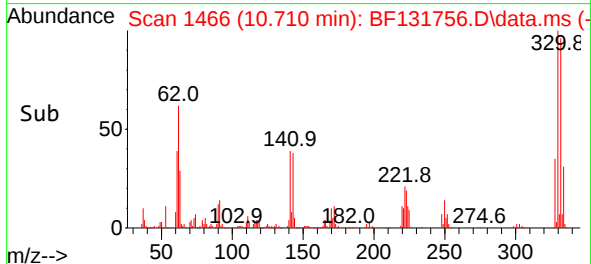
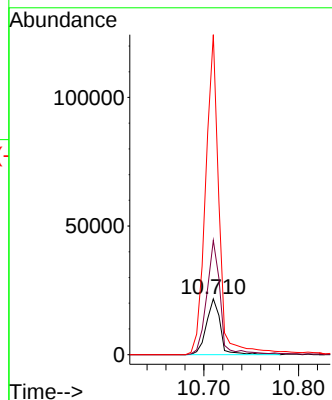
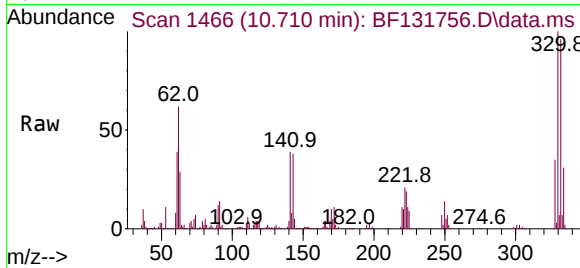




#67
4-Bromophenyl-phenylether
Concen: 5.156 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

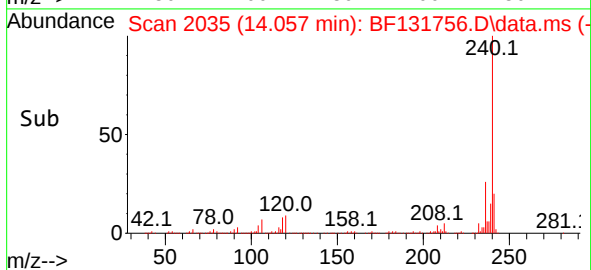
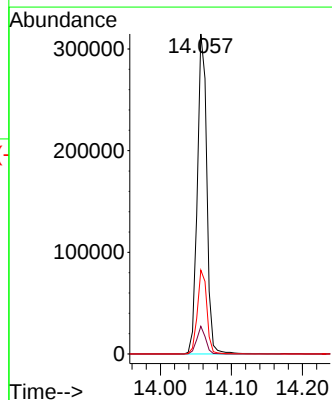
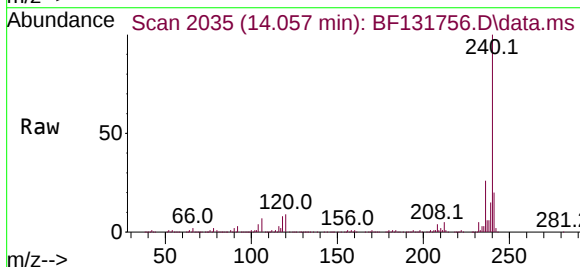
Instrument :
BNA_F
ClientSampleId :
COMP-3051

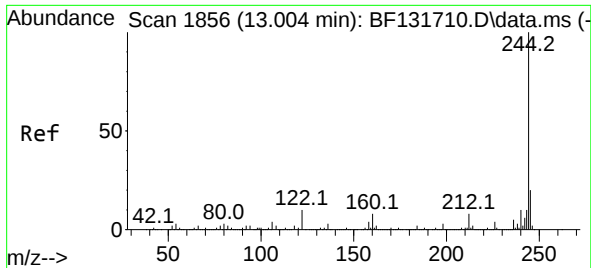
Tgt Ion:248 Resp: 22325
Ion Ratio Lower Upper
248 100
250 204.4 79.4 119.0#
141 572.7 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131756.D
Acq: 21 Dec 2022 20:58

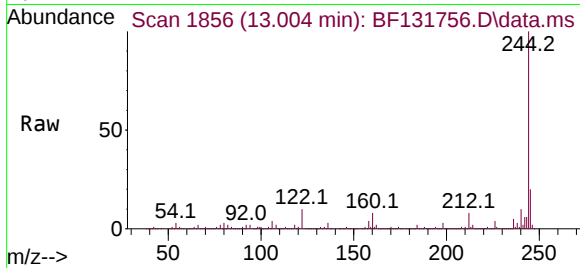
Tgt Ion:240 Resp: 292912
Ion Ratio Lower Upper
240 100
120 8.6 7.6 11.4
236 26.2 21.2 31.8



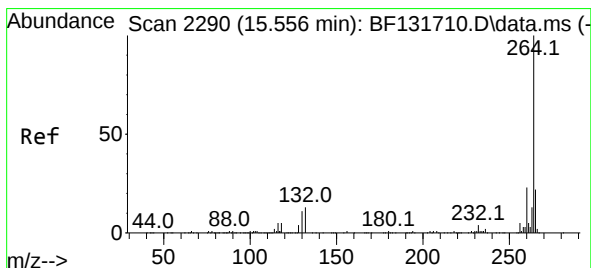
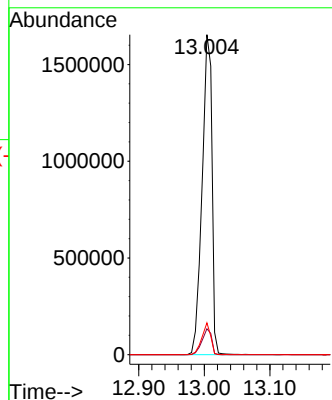
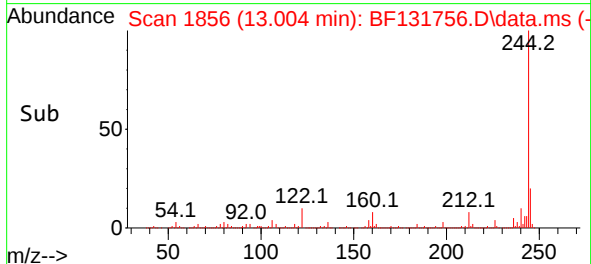


#79
 Terphenyl-d14
 Concen: 92.249 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131756.D
 Acq: 21 Dec 2022 20:58

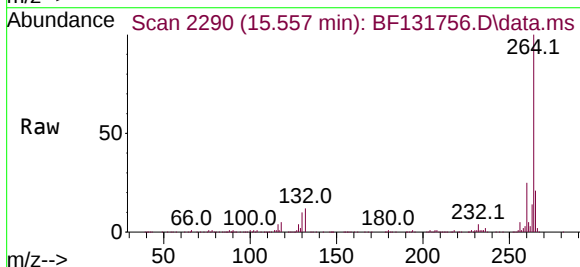
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3051



Tgt Ion:244 Resp: 1733750
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 10.0 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: BF131756.D
 Acq: 21 Dec 2022 20:58



Tgt Ion:264 Resp: 264185
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 20.8 17.4 26.2

