

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131904.D
 Acq On : 04 Jan 2023 18:00
 Operator : CG\JU
 Sample : N6239-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Quant Time: Jan 05 05:43:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

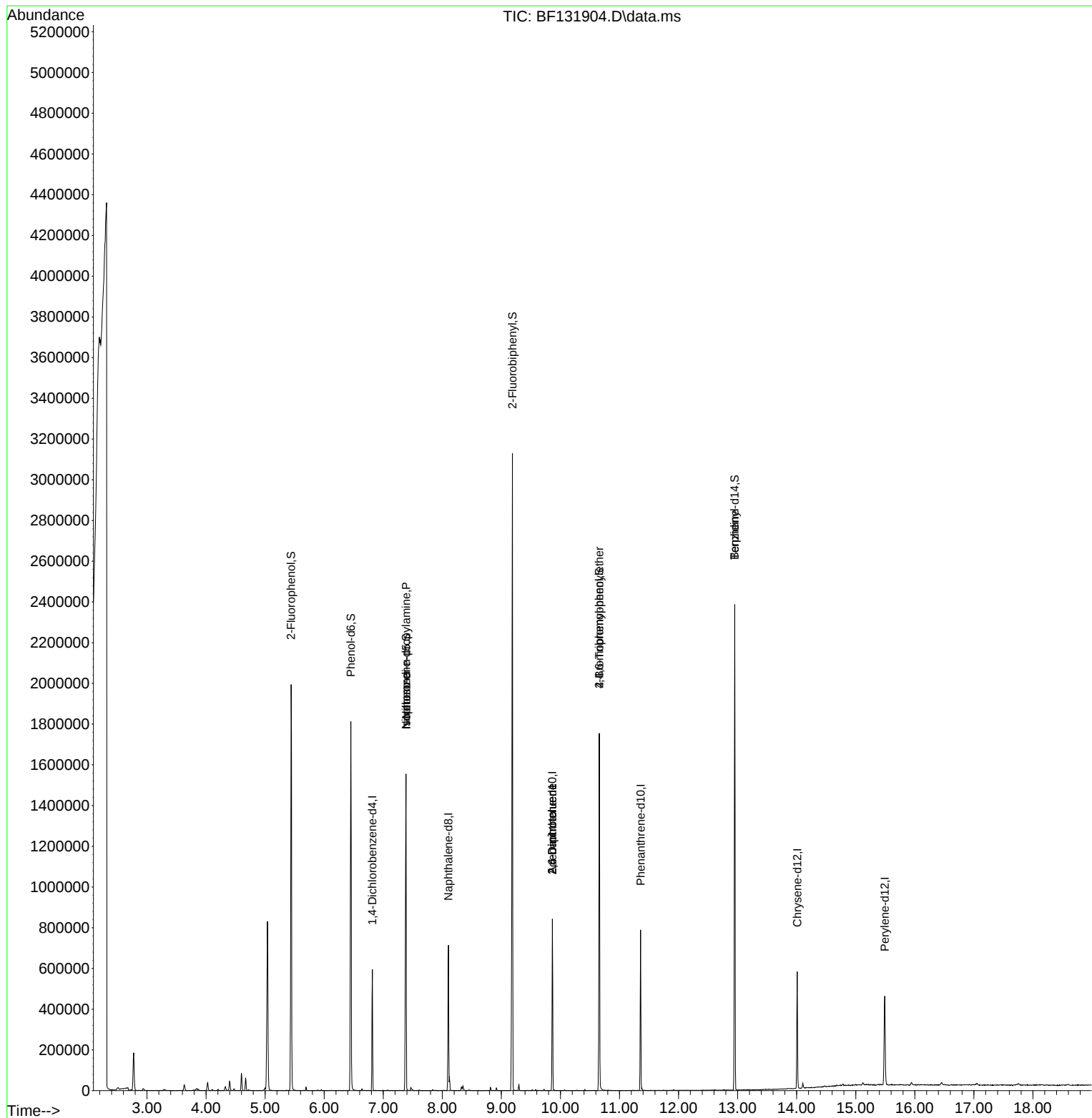
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	77847	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	285715	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	156309	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	254996	20.000	ng	0.00
76) Chrysene-d12	14.010	240	176140	20.000	ng	0.00
86) Perylene-d12	15.492	264	195341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	520487	110.802	ng	0.02
7) Phenol-d6	6.451	99	608704	98.630	ng	0.00
23) Nitrobenzene-d5	7.387	82	527619	73.729	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	184759	108.790	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	892131	78.177	ng	0.00
79) Terphenyl-d14	12.951	244	777248	74.641	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	73997	16.977	ng	# 77
25) Isophorone	7.387	82	527473	45.135	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	20516	8.014	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	20516	5.860	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	12382	4.190	ng	# 1
77) Benzidine	12.951	184	12097	4.179	ng	# 92

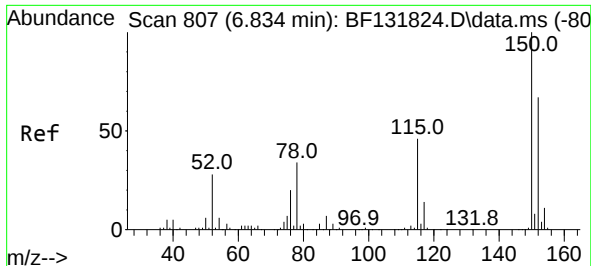
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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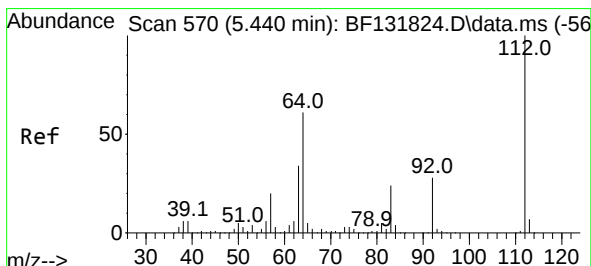
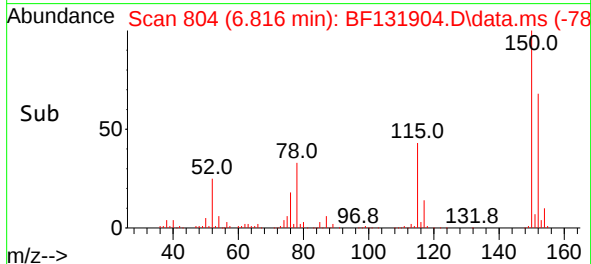
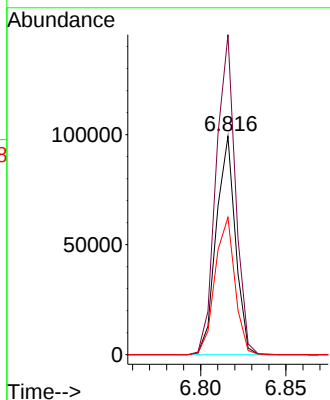
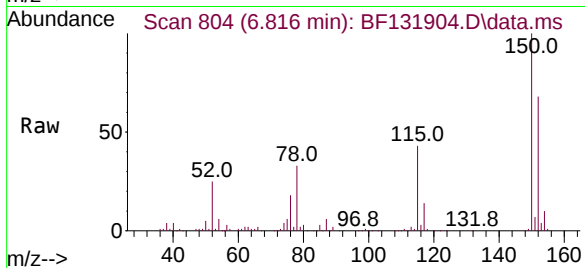




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

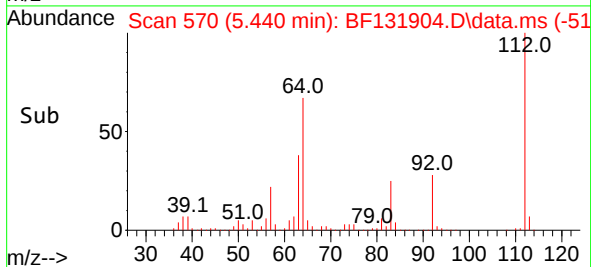
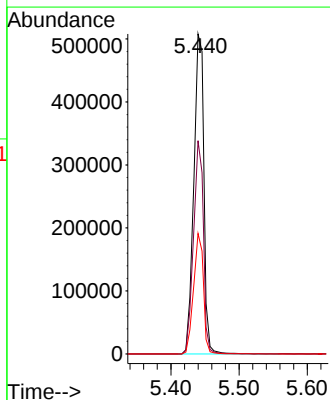
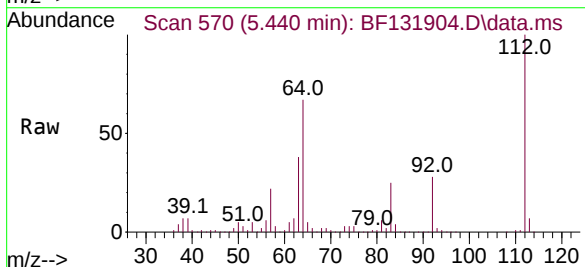
Instrument :
BNA_F
ClientSampleId :
TP-1S

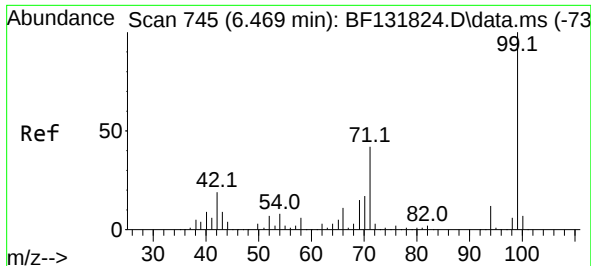
Tgt Ion:152 Resp: 77847
Ion Ratio Lower Upper
152 100
150 146.5 120.0 180.0
115 62.8 55.1 82.7



#5
2-Fluorophenol
Concen: 110.802 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion:112 Resp: 520487
Ion Ratio Lower Upper
112 100
64 66.7 49.2 73.8
63 37.7 27.5 41.3

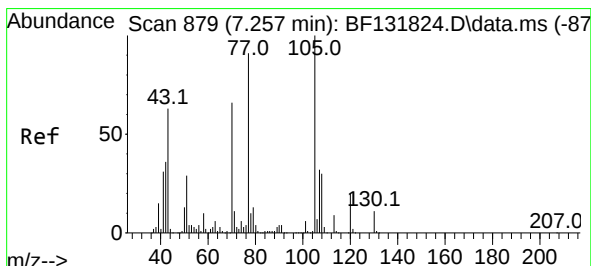
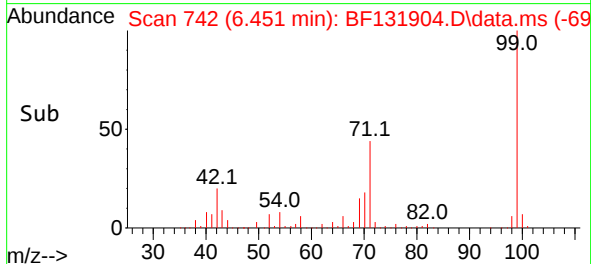
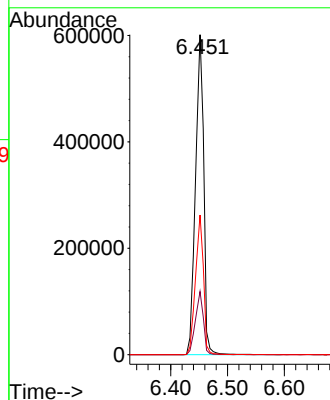
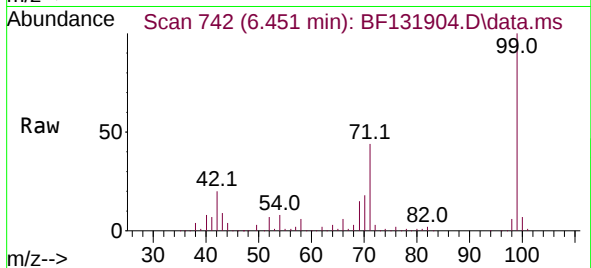




#7
Phenol-d6
Concen: 98.630 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

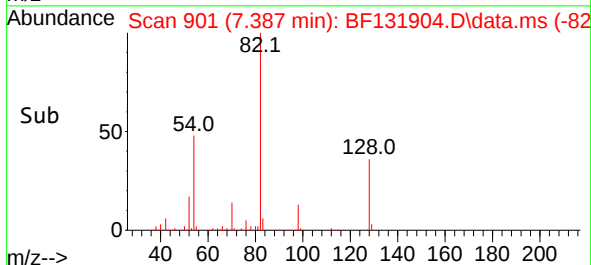
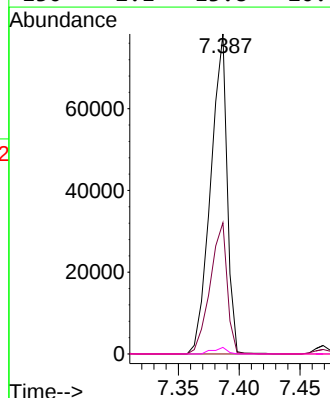
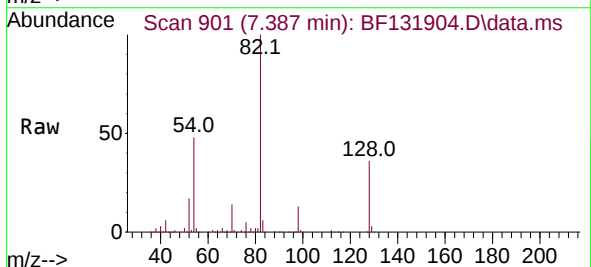
Instrument :
BNA_F
ClientSampleId :
TP-1S

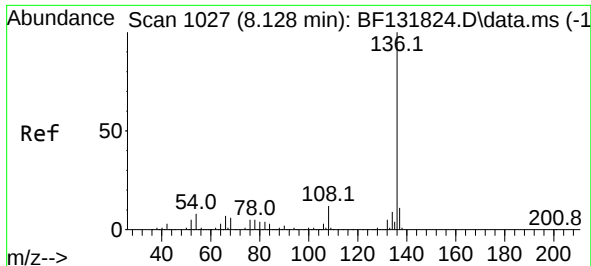
Tgt Ion: 99 Resp: 608704
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.7 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.977 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion: 70 Resp: 73997
Ion Ratio Lower Upper
70 100
42 41.0 43.8 65.6#
101 0.0 7.4 11.0#
130 2.1 13.8 20.6#



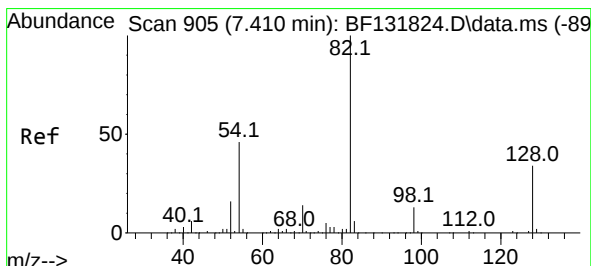
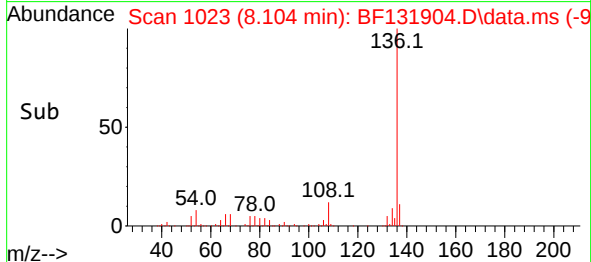
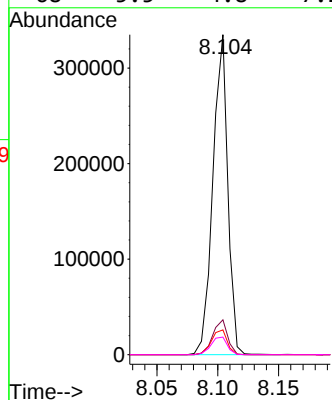
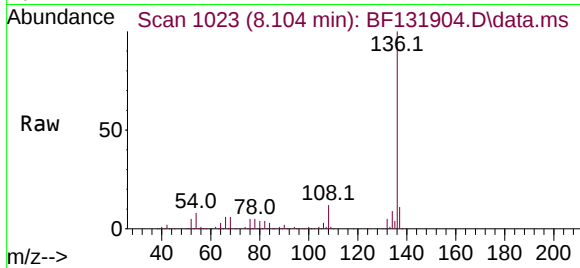


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Instrument :
BNA_F
ClientSampleId :
TP-1S

Tgt Ion:136 Resp: 285715

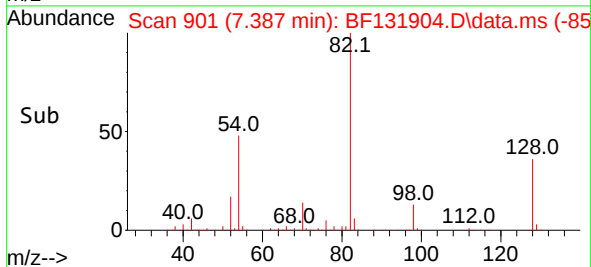
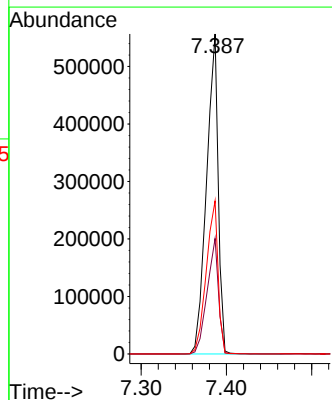
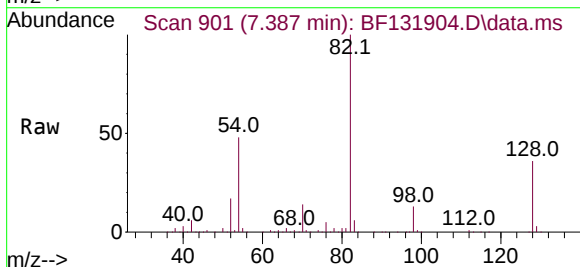
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.8	6.7	10.1
68	5.5	4.8	7.2

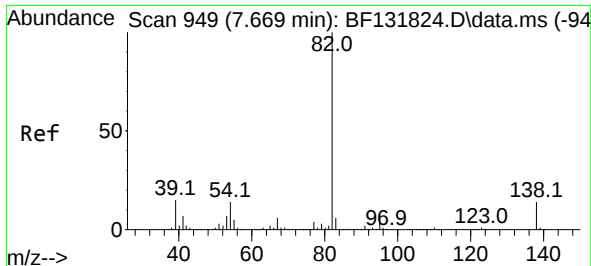


#23
Nitrobenzene-d5
Concen: 73.729 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion: 82 Resp: 527619

Ion	Ratio	Lower	Upper
82	100		
128	36.1	27.1	40.7
54	47.9	37.0	55.6

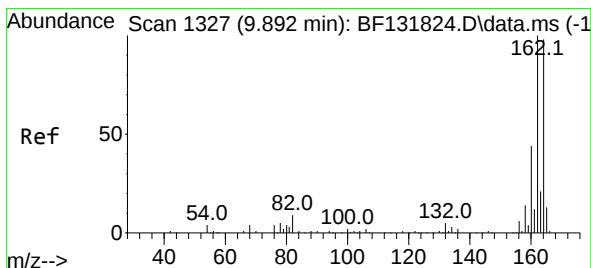
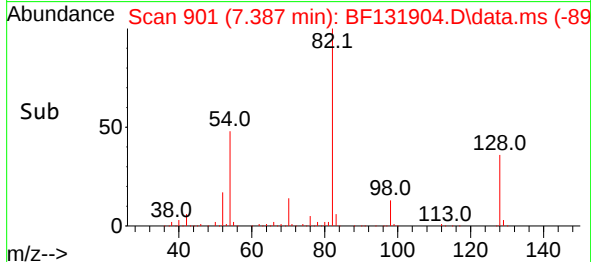
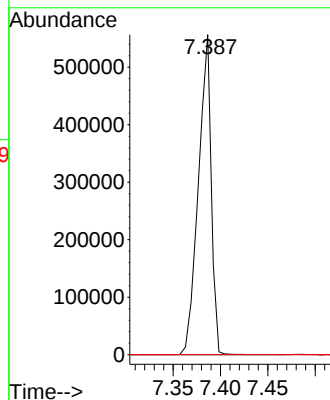
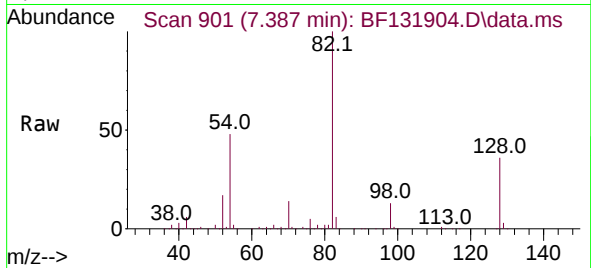




#25
Isophorone
Concen: 45.135 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

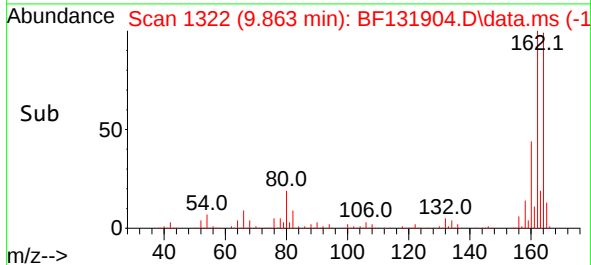
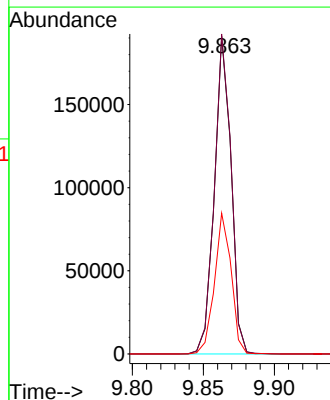
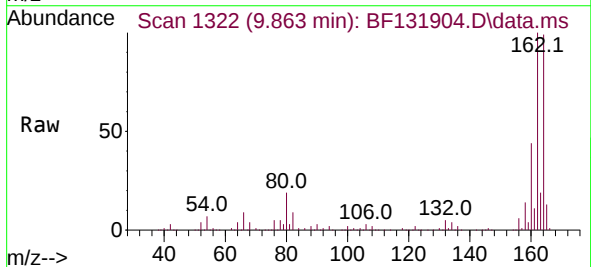
Instrument :
BNA_F
ClientSampleId :
TP-1S

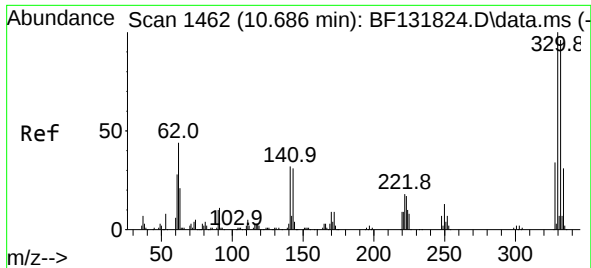
Tgt Ion: 82 Resp: 527473
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion: 164 Resp: 156309
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.3 35.7 53.5

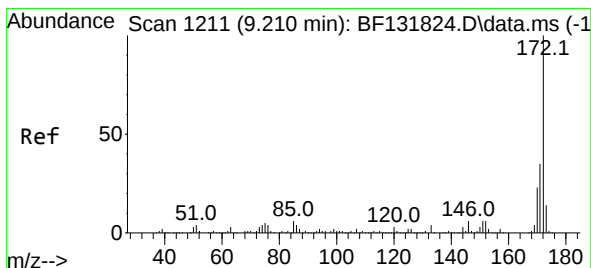
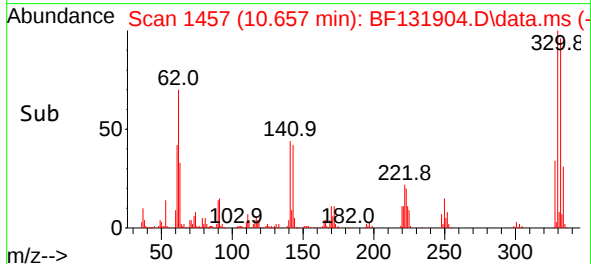
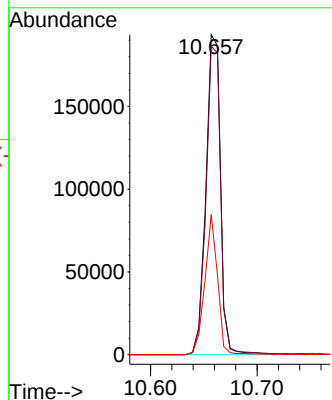
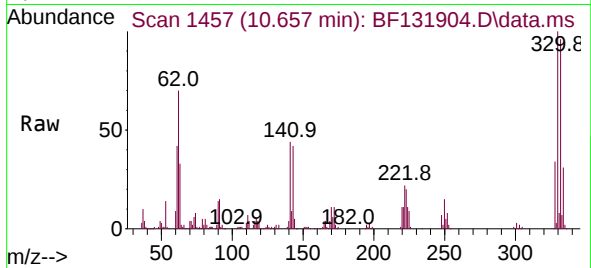




#42
2,4,6-Tribromophenol
Concen: 108.790 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

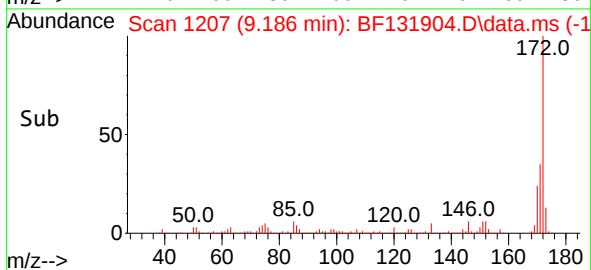
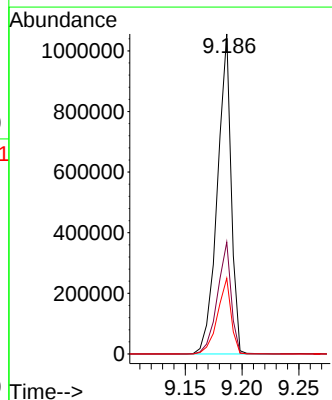
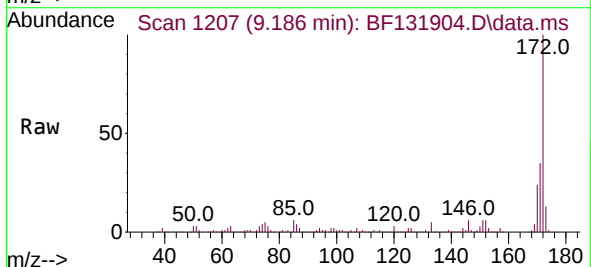
Instrument :
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ClientSampleId :
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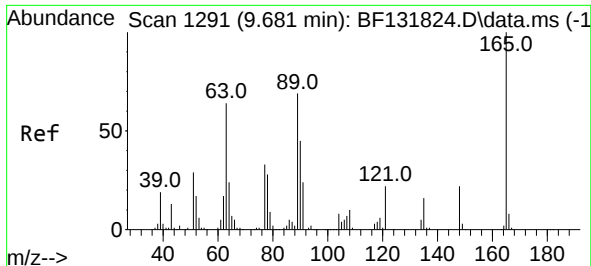
Tgt Ion:330 Resp: 184759
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 38.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 78.177 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion:172 Resp: 892131
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.014 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

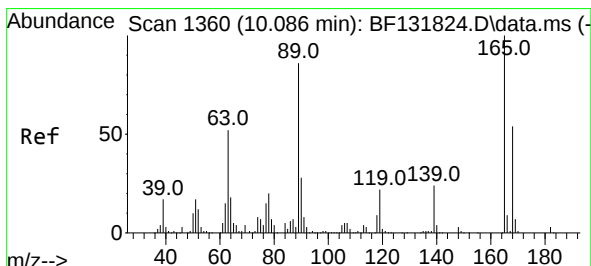
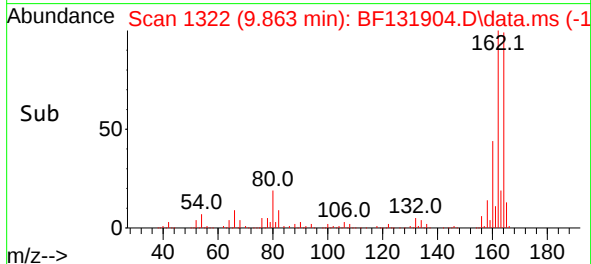
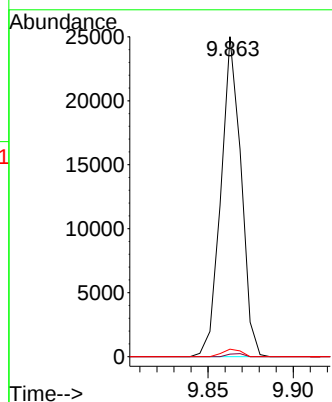
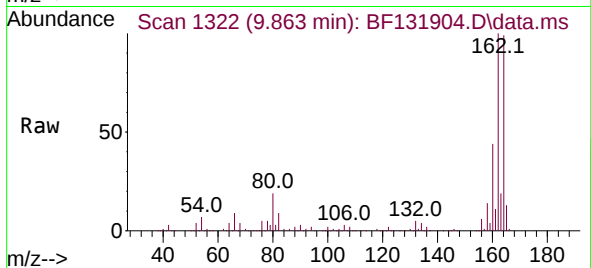
Tgt Ion:165 Resp: 20516

Ion Ratio Lower Upper

165 100

63 0.8 55.1 82.7#

89 2.4 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.860 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.206 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Tgt Ion:165 Resp: 20516

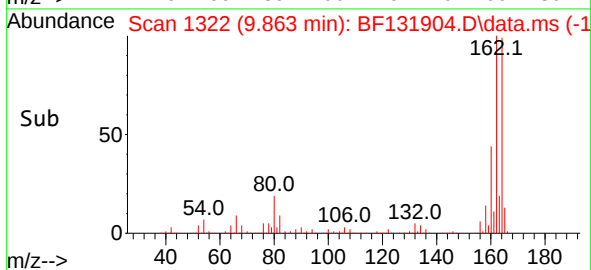
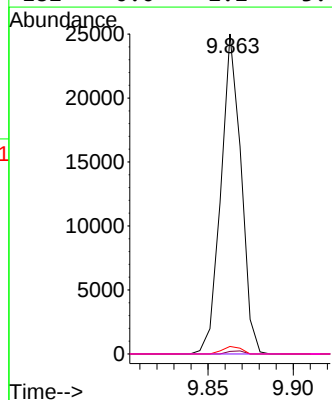
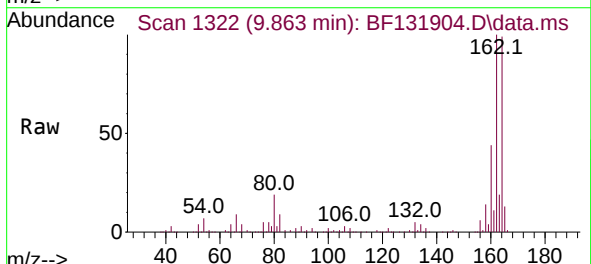
Ion Ratio Lower Upper

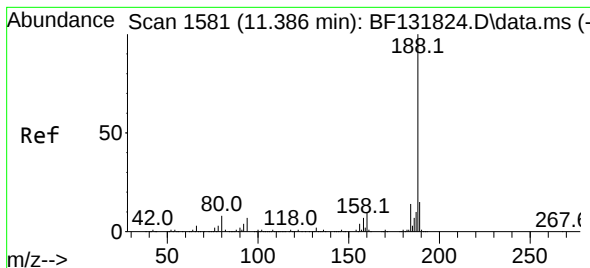
165 100

63 0.8 42.1 63.1#

89 2.4 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

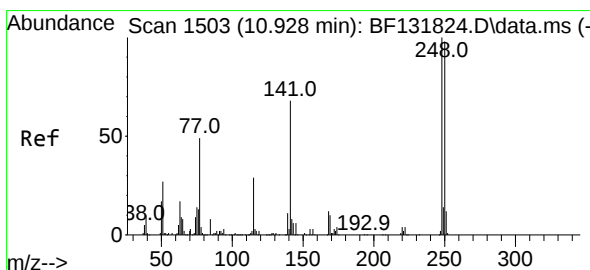
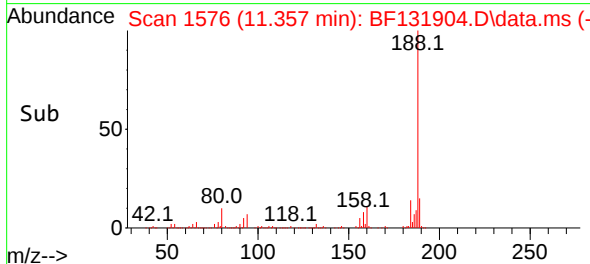
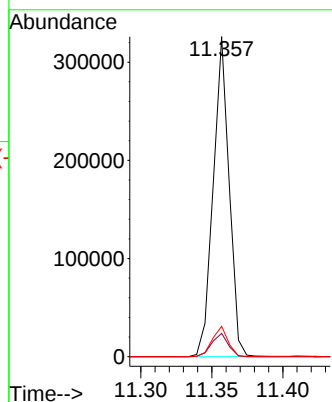
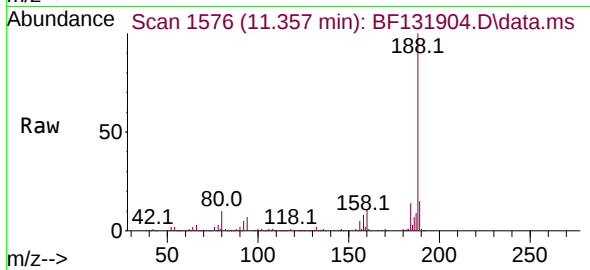
Tgt Ion:188 Resp: 254996

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 9.5 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.190 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

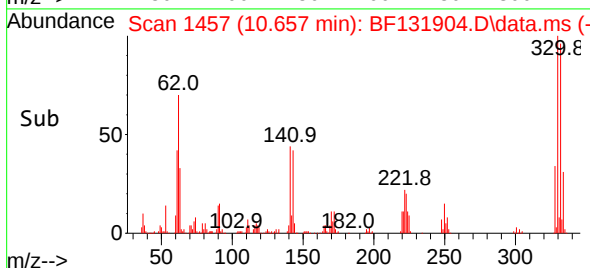
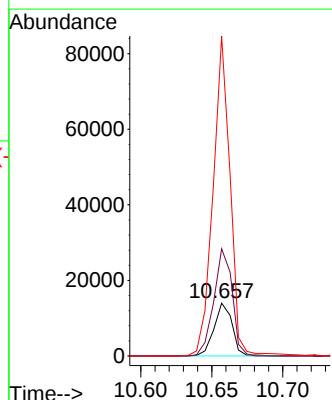
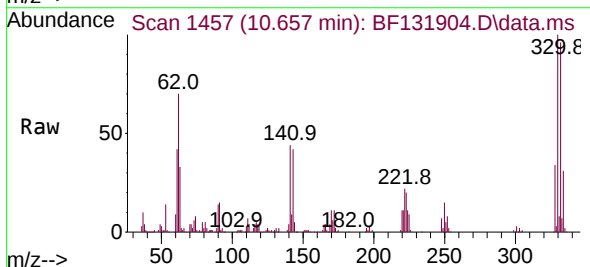
Tgt Ion:248 Resp: 12382

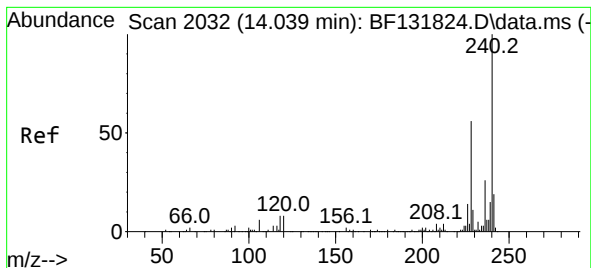
Ion Ratio Lower Upper

248 100

250 202.8 78.0 117.0#

141 605.9 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

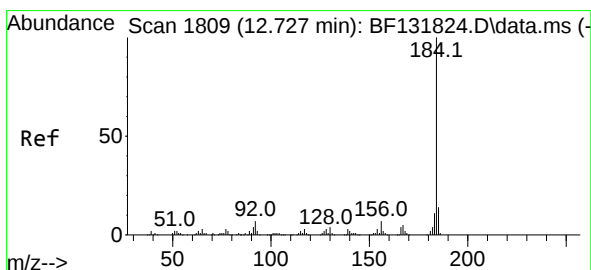
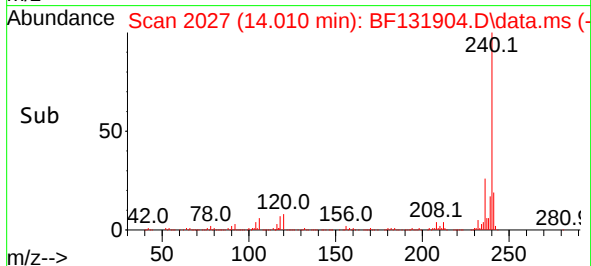
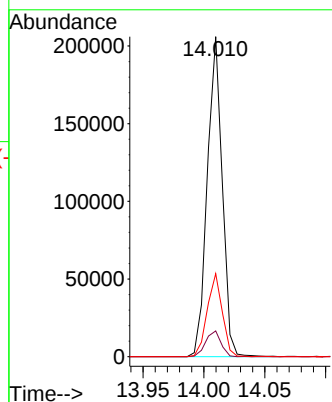
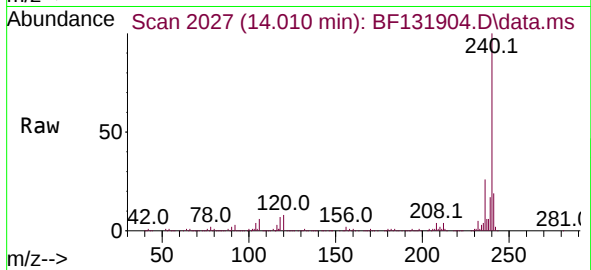
Tgt Ion:240 Resp: 176140

Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

236 26.0 20.6 31.0



#77

Benzidine

Concen: 4.179 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

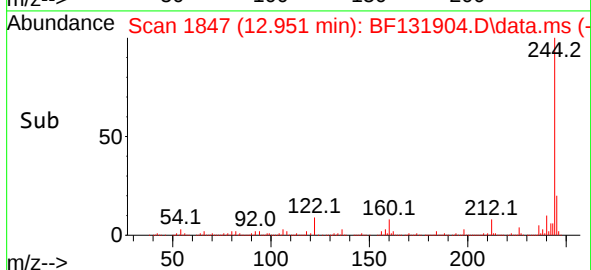
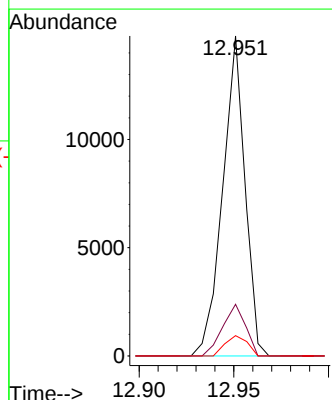
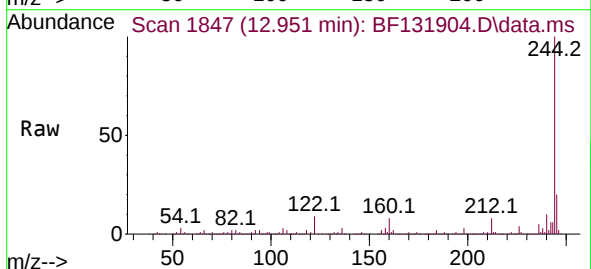
Tgt Ion:184 Resp: 12097

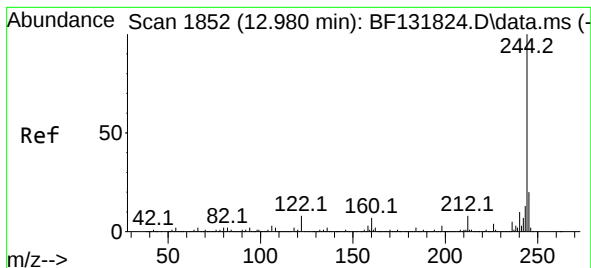
Ion Ratio Lower Upper

184 100

185 16.2 11.6 17.4

183 6.4 9.0 13.4#





#79

Terphenyl-d14

Concen: 74.641 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

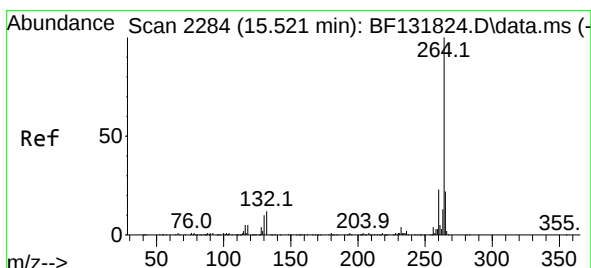
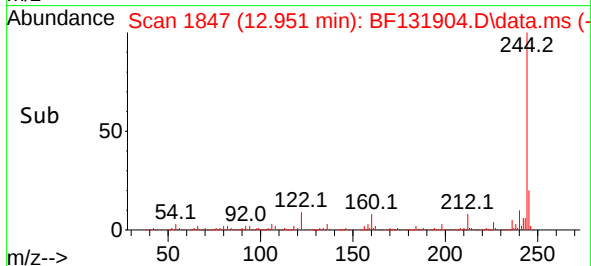
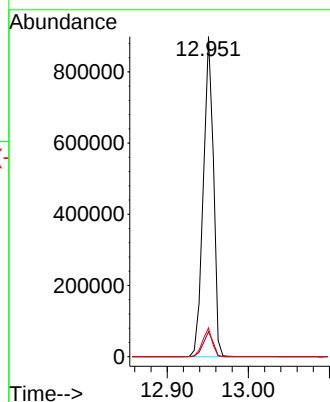
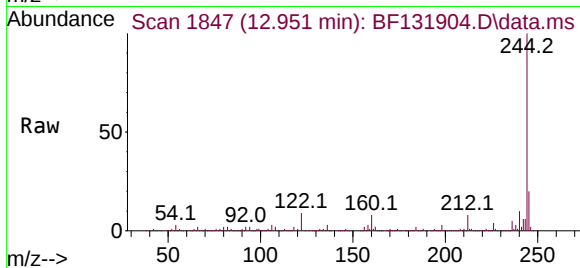
Tgt Ion:244 Resp: 777248

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 9.0 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Tgt Ion:264 Resp: 195341

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 20.6 17.4 26.0

