

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131907.D
 Acq On : 04 Jan 2023 19:41
 Operator : CG\JU
 Sample : N6239-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C1

Quant Time: Jan 05 05:45:35 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)

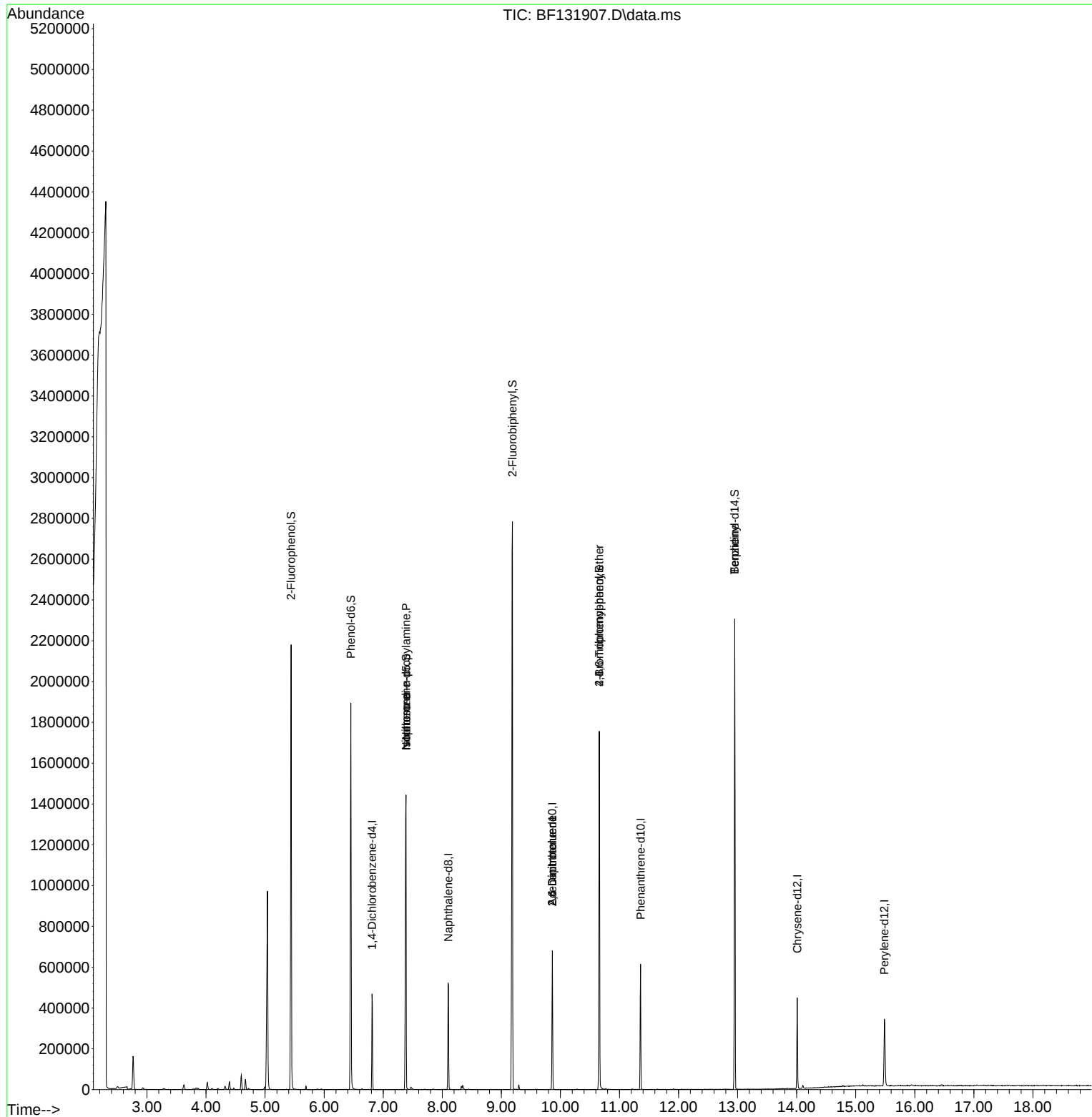
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64005	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	225942	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	123394	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	205552	20.000	ng	0.00
76) Chrysene-d12	14.010	240	133275	20.000	ng	0.00
86) Perylene-d12	15.486	264	153334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	527286	136.525	ng	0.02
7) Phenol-d6	6.451	99	604902	119.211	ng	0.00
23) Nitrobenzene-d5	7.387	82	523822	92.563	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	185220	138.154	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	884367	98.169	ng	0.00
79) Terphenyl-d14	12.951	244	734799	93.260	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	74644	20.829	ng	# 77
25) Isophorone	7.387	82	523548	56.650	ng	# 69
51) 2,6-Dinitrotoluene	9.863	165	15652	7.745	ng	# 17
57) 2,4-Dinitrotoluene	9.863	165	15652	5.663	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	13263	5.567	ng	# 1
77) Benzidine	12.951	184	11440	5.223	ng	# 90

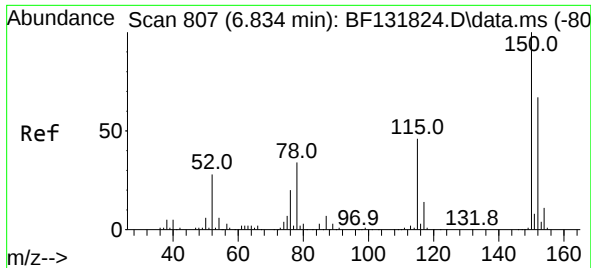
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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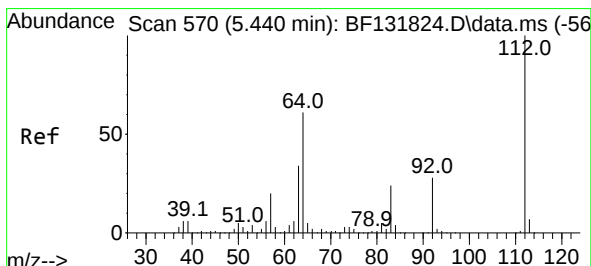
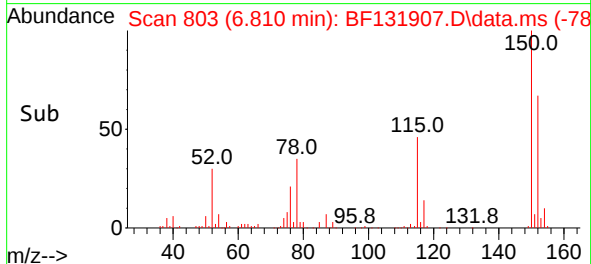
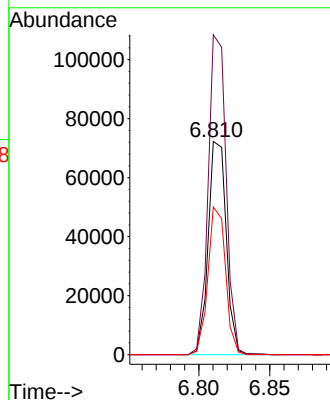
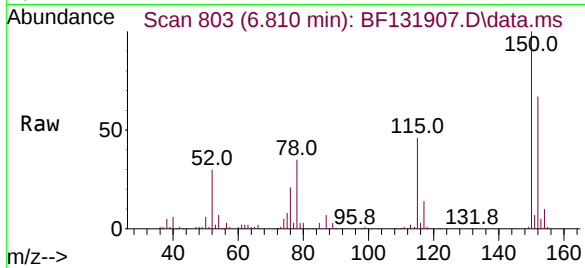




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BF131907.D
 Acq: 04 Jan 2023 19:41

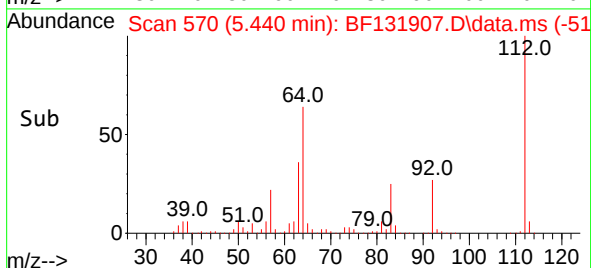
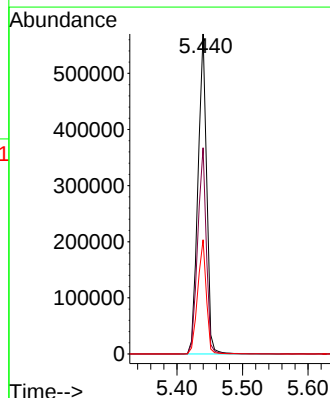
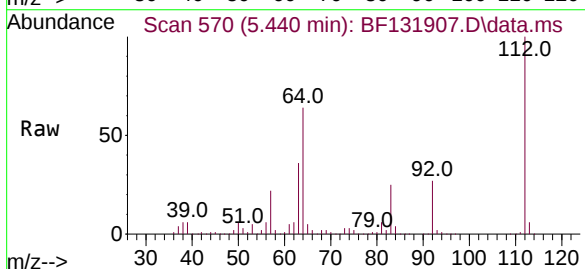
Instrument :
 BNA_F
 ClientSampleId :
 TP-C1

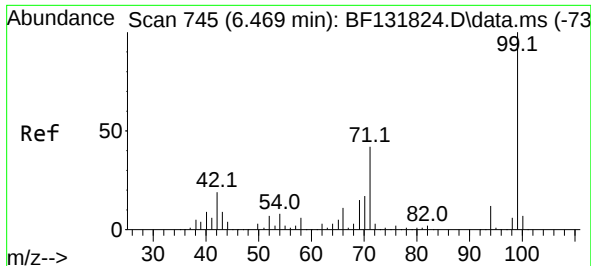
Tgt Ion:152 Resp: 64005
 Ion Ratio Lower Upper
 152 100
 150 150.0 120.0 180.0
 115 69.3 55.1 82.7



#5
 2-Fluorophenol
 Concen: 136.525 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.018 min
 Lab File: BF131907.D
 Acq: 04 Jan 2023 19:41

Tgt Ion:112 Resp: 527286
 Ion Ratio Lower Upper
 112 100
 64 64.4 49.2 73.8
 63 35.7 27.5 41.3

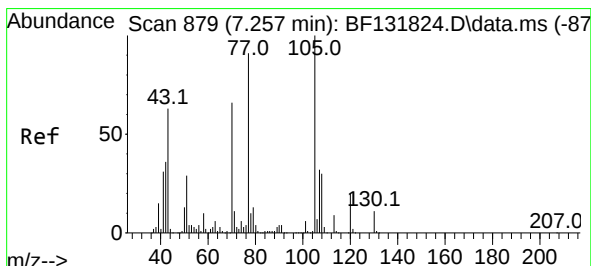
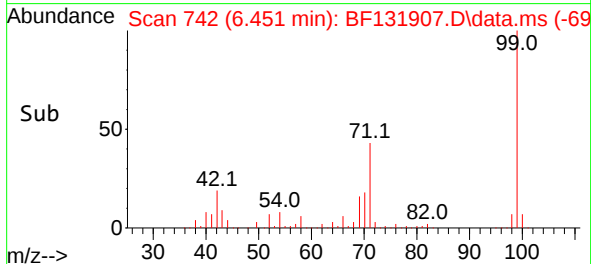
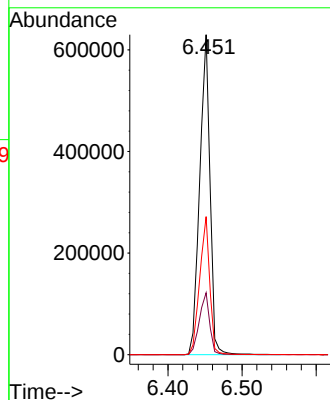
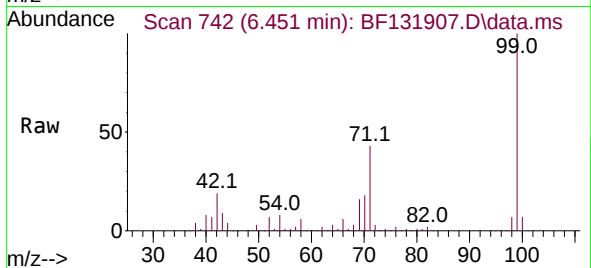




#7
Phenol-d6
Concen: 119.211 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

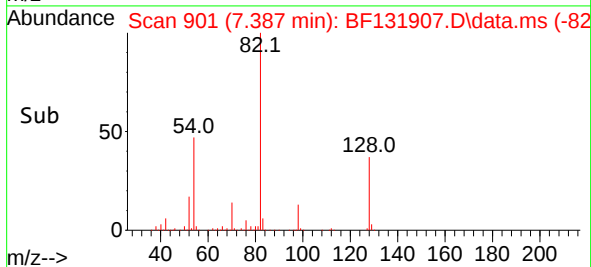
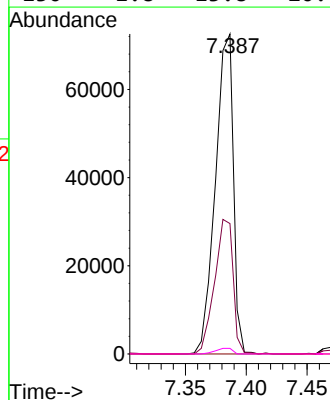
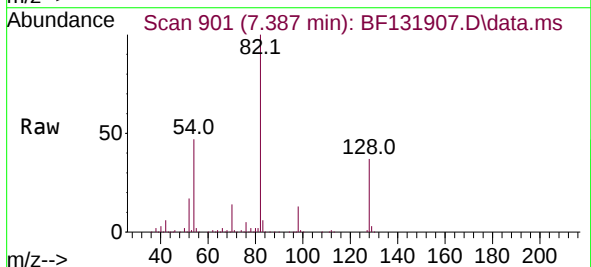
Instrument :
BNA_F
ClientSampleId :
TP-C1

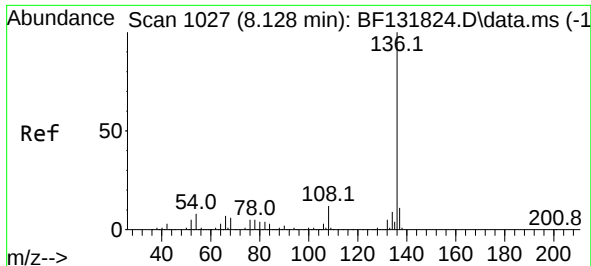
Tgt Ion: 99 Resp: 604902
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 43.1 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.829 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion: 70 Resp: 74644
Ion Ratio Lower Upper
70 100
42 40.7 43.8 65.6#
101 0.0 7.4 11.0#
130 1.8 13.8 20.6#



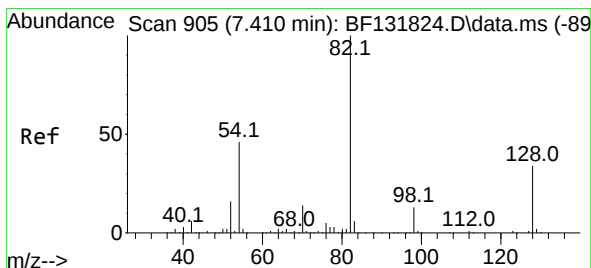
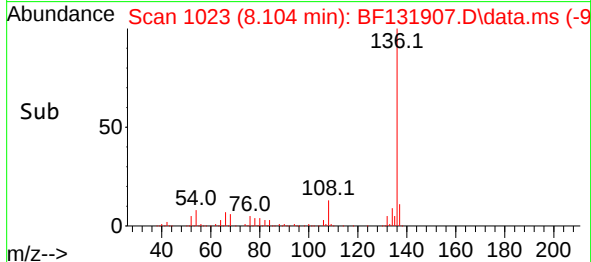
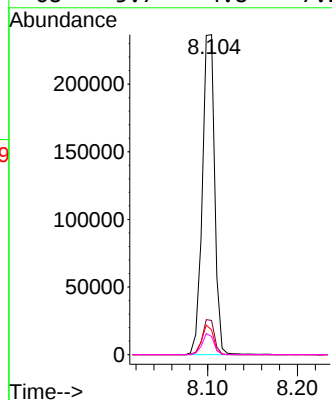
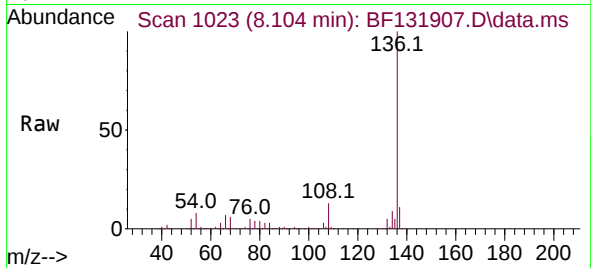


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Instrument :
BNA_F
ClientSampleId :
TP-C1

Tgt Ion:136 Resp: 225942

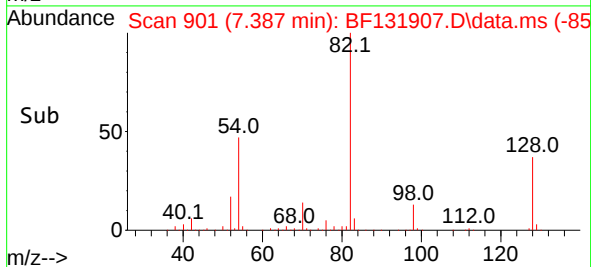
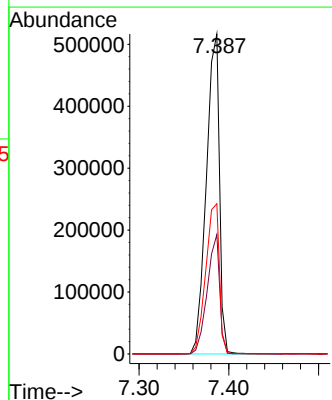
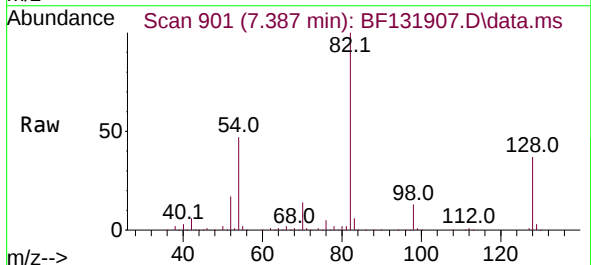
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.7	6.7	10.1
68	5.7	4.8	7.2

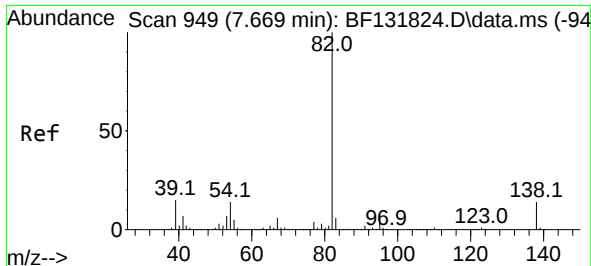


#23
Nitrobenzene-d5
Concen: 92.563 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion: 82 Resp: 523822

Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.1	40.7
54	47.0	37.0	55.6

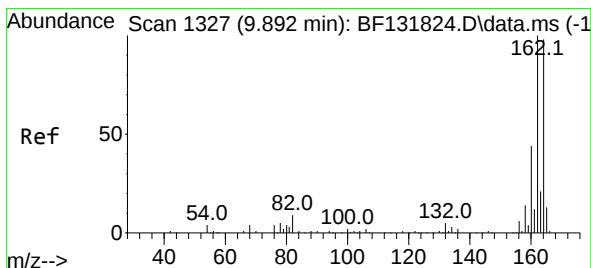
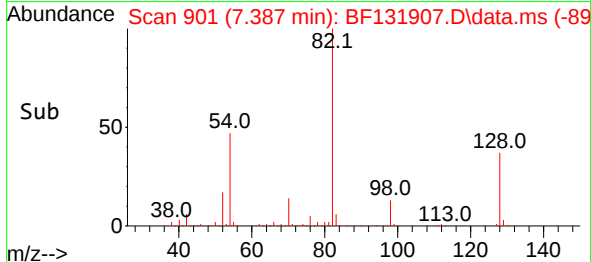
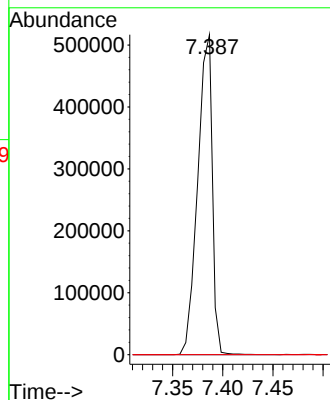
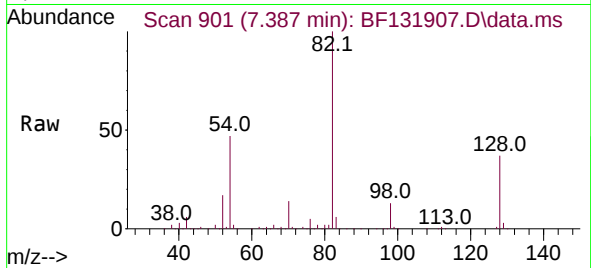




#25
Isophorone
Concen: 56.650 ng
RT: 7.387 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

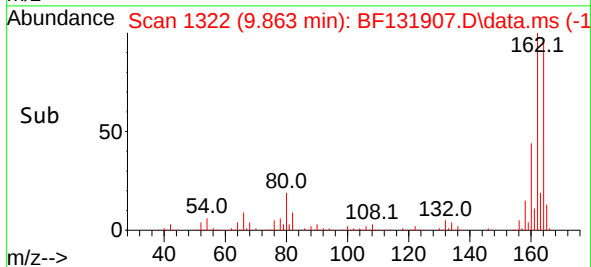
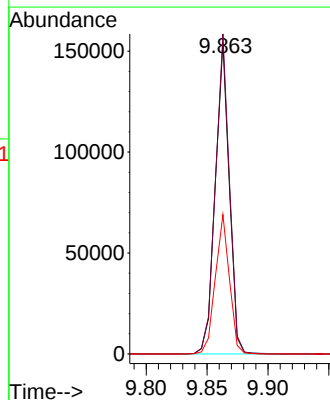
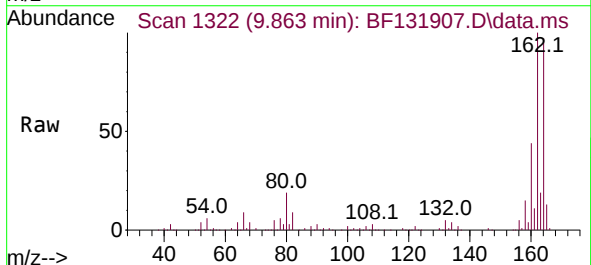
Instrument :
BNA_F
ClientSampleId :
TP-C1

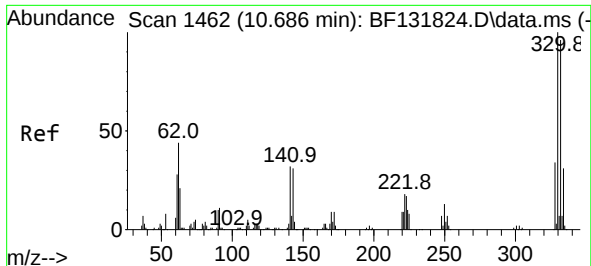
Tgt Ion: 82 Resp: 523548
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

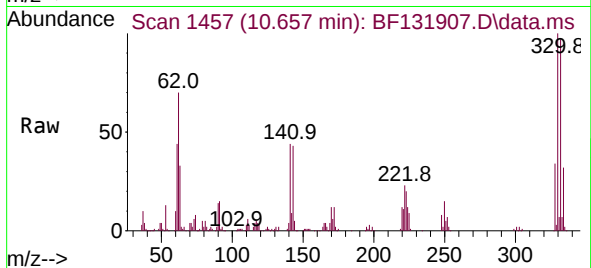
Tgt Ion: 164 Resp: 123394
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 44.8 35.7 53.5



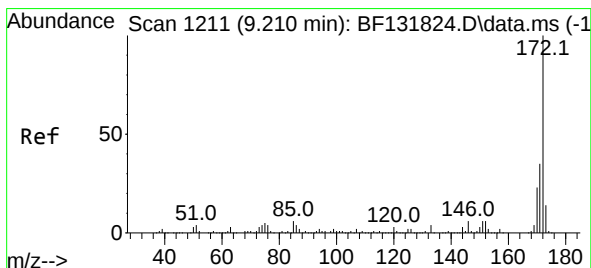
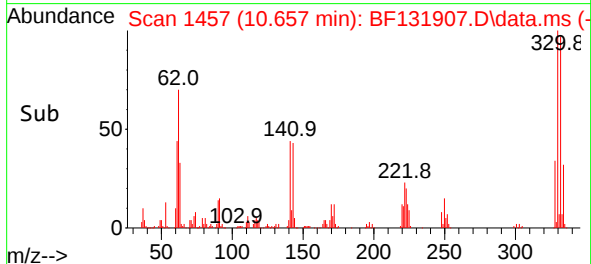
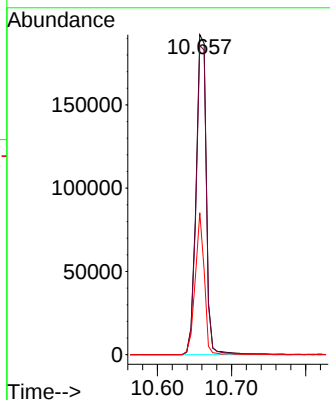


#42
2,4,6-Tribromophenol
Concen: 138.154 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Instrument :
BNA_F
ClientSampleId :
TP-C1

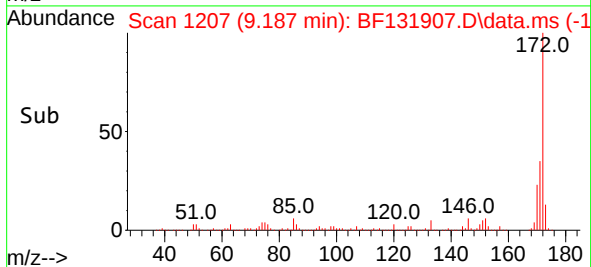
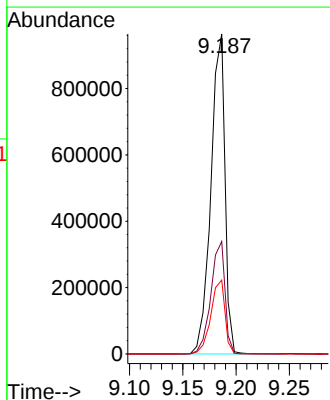
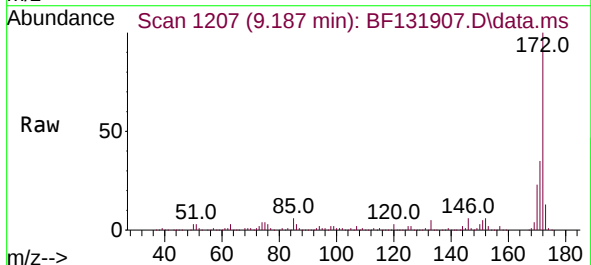


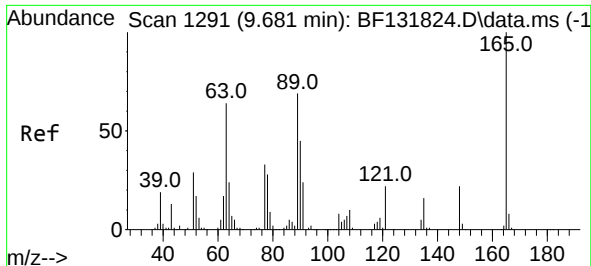
Tgt Ion:330 Resp: 185220
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 39.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 98.169 ng
RT: 9.187 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion:172 Resp: 884367
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.1 18.7 28.1

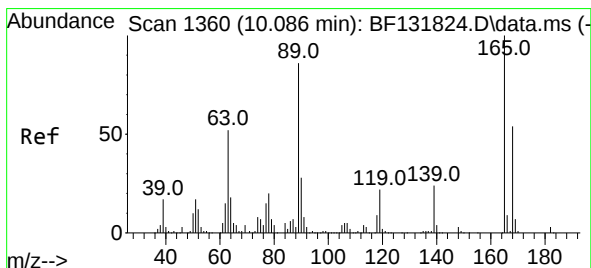
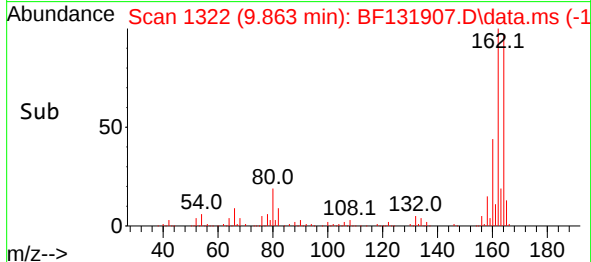
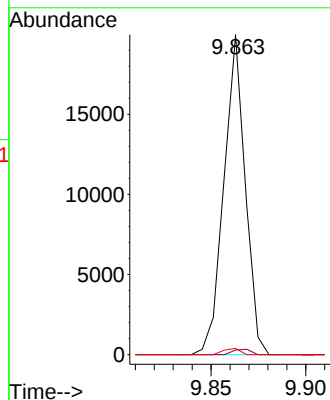
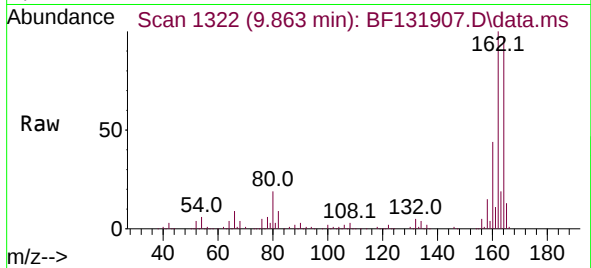




#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

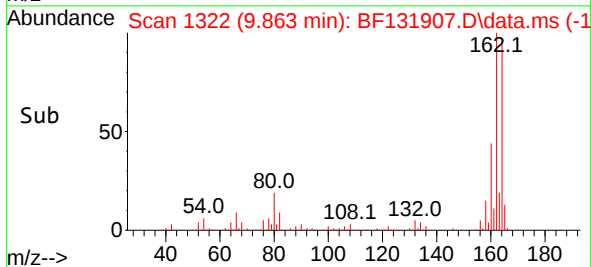
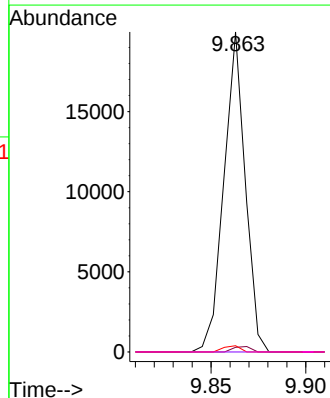
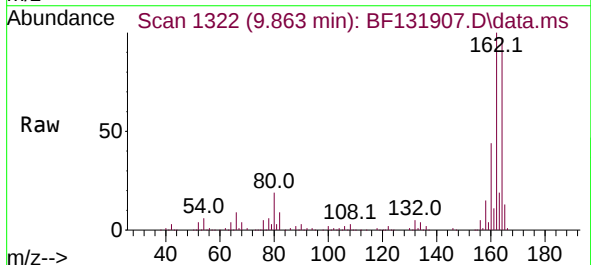
Instrument :
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ClientSampleId :
TP-C1

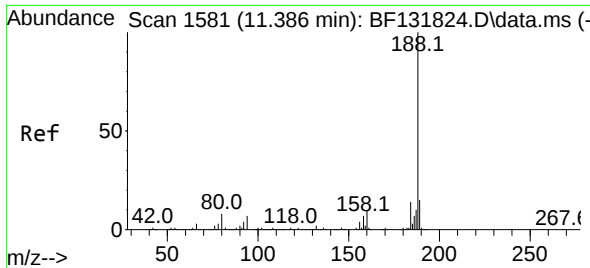
Tgt Ion:165 Resp: 15652
Ion Ratio Lower Upper
165 100
63 1.4 55.1 82.7#
89 2.0 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.663 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.206 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion:165 Resp: 15652
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 2.0 69.1 103.7#
182 0.0 2.2 3.4#

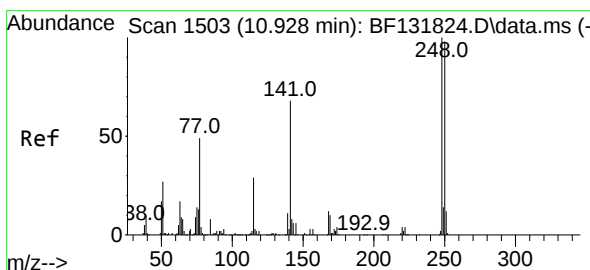
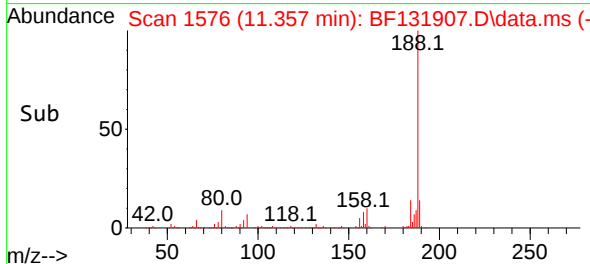
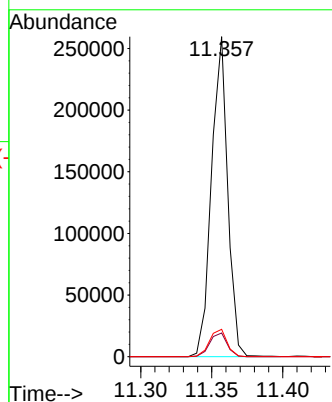
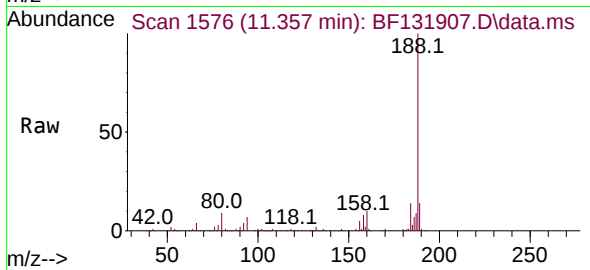




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

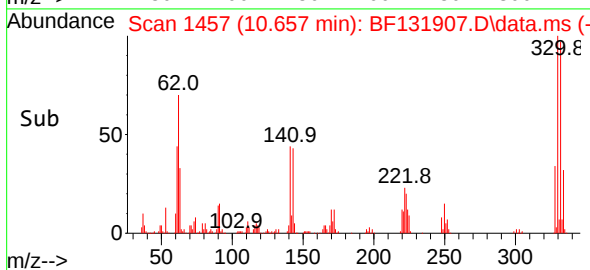
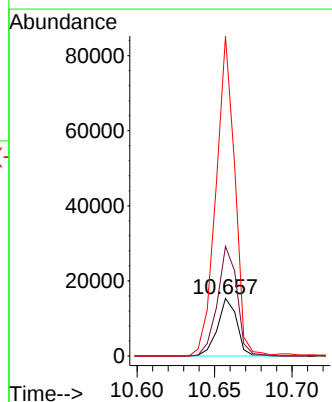
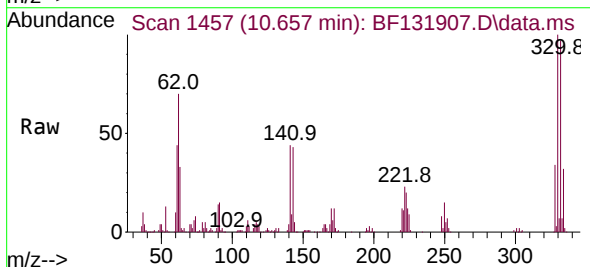
Instrument :
BNA_F
ClientSampleId :
TP-C1

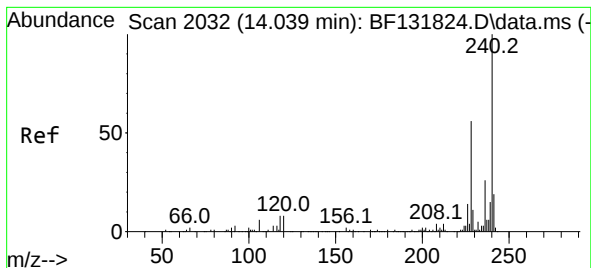
Tgt Ion:188 Resp: 205552
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.5 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 5.567 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion:248 Resp: 13263
Ion Ratio Lower Upper
248 100
250 190.5 78.0 117.0#
141 555.9 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: BF131907.D

Acq: 04 Jan 2023 19:41

Instrument :

BNA_F

ClientSampleId :

TP-C1

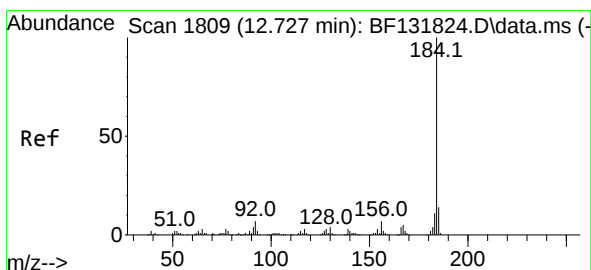
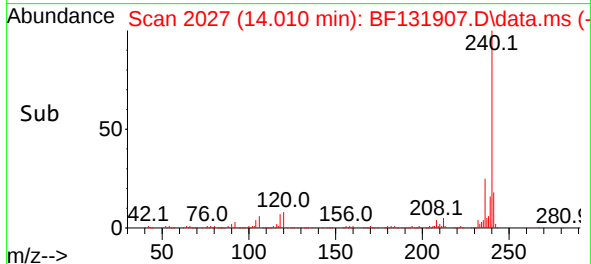
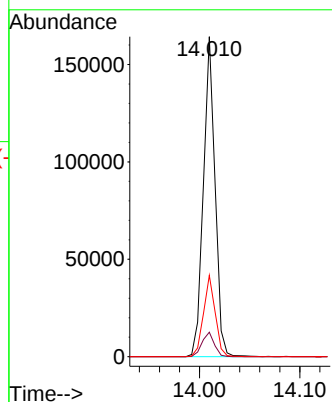
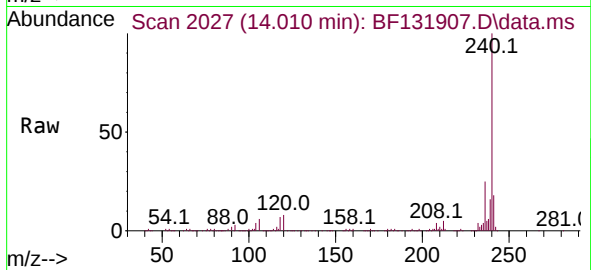
Tgt Ion:240 Resp: 133275

Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

236 25.4 20.6 31.0



#77

Benzidine

Concen: 5.223 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.241 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

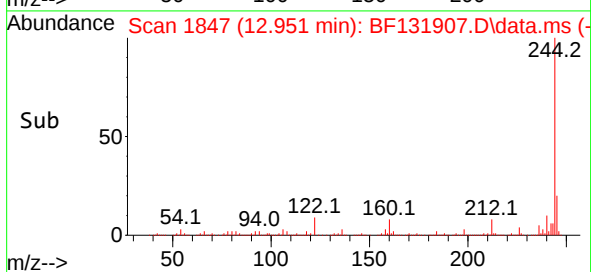
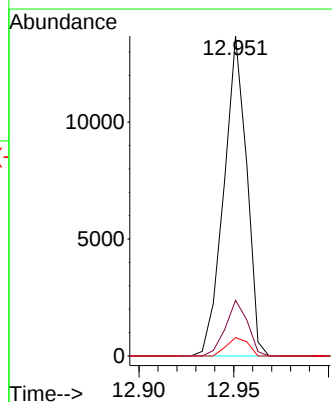
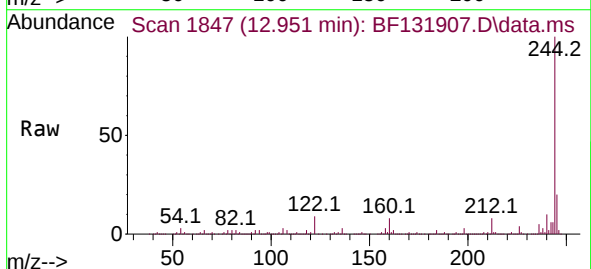
Tgt Ion:184 Resp: 11440

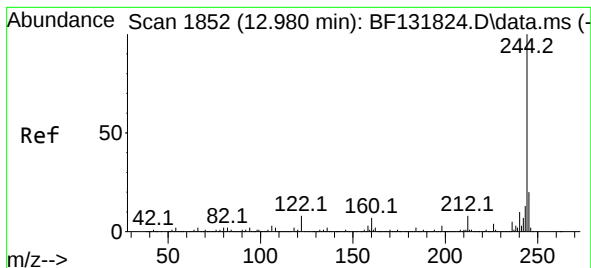
Ion Ratio Lower Upper

184 100

185 17.4 11.6 17.4#

183 5.8 9.0 13.4#





#79

Terphenyl-d14

Concen: 93.260 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

Instrument :

BNA_F

ClientSampleId :

TP-C1

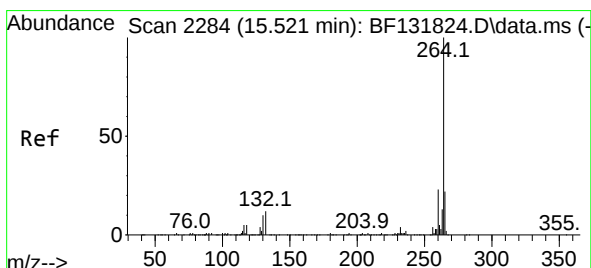
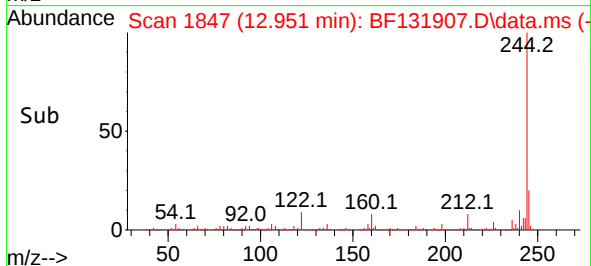
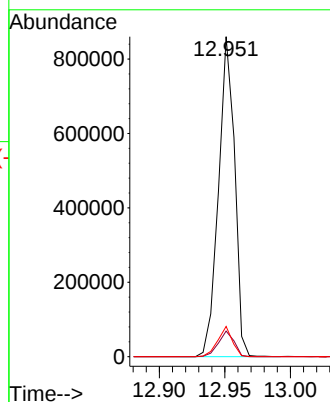
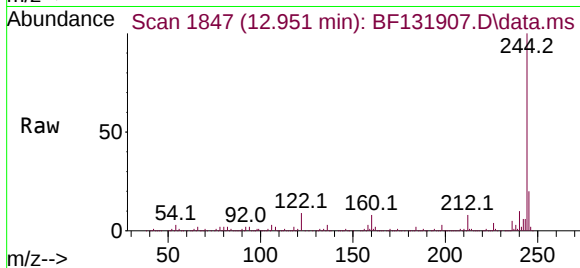
Tgt Ion:244 Resp: 734799

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.4 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

Tgt Ion:264 Resp: 153334

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.1 17.4 26.0

