

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131944.D
 Acq On : 06 Jan 2023 16:30
 Operator : CG\JU
 Sample : 01029-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:22:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

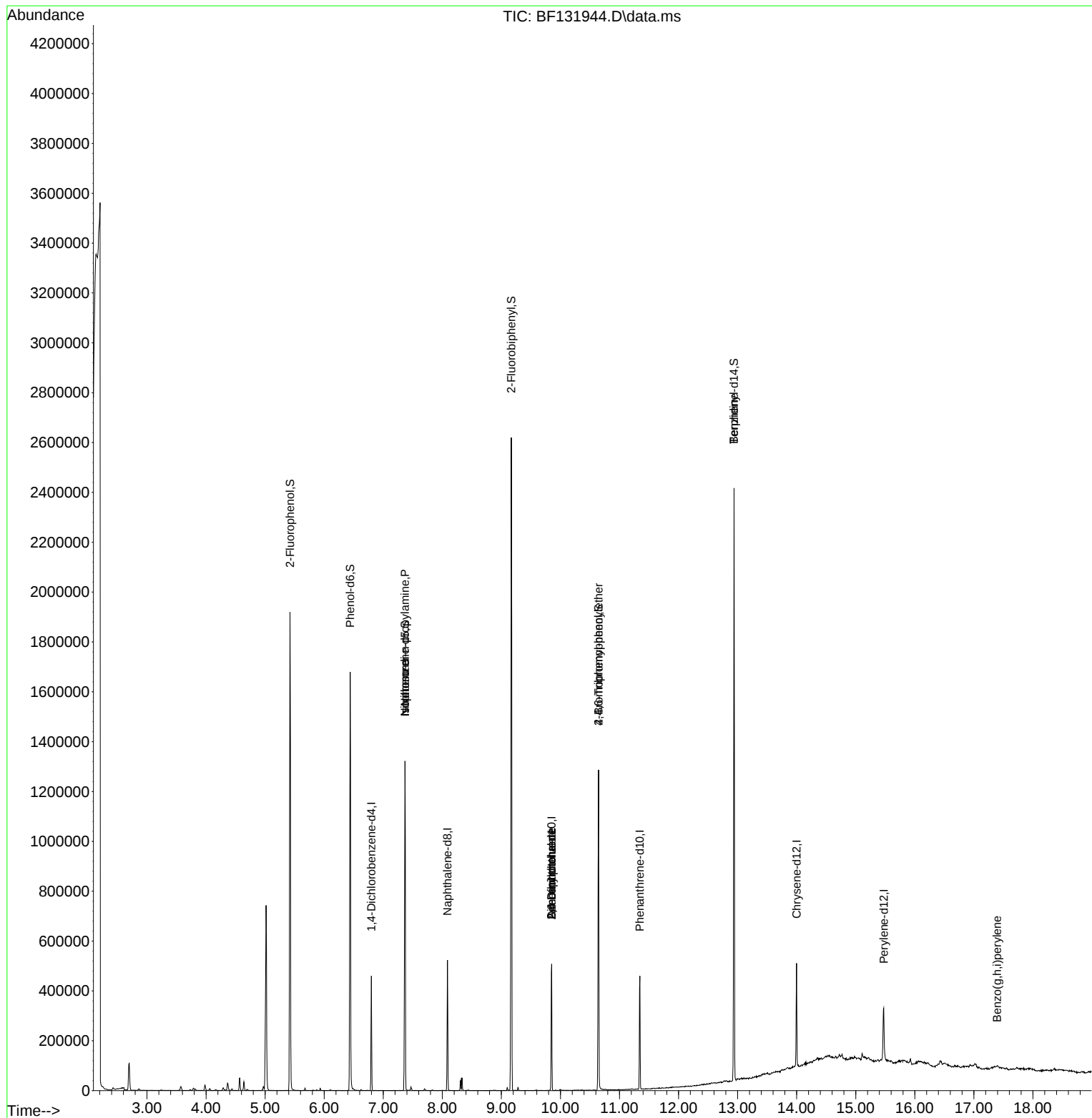
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	55357	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	196829	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	98876	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	162592	20.000	ng	0.00
76) Chrysene-d12	13.998	240	124627	20.000	ng	0.00
86) Perylene-d12	15.474	264	99022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	486285	145.579	ng	0.02
7) Phenol-d6	6.440	99	567405	129.290	ng	0.00
23) Nitrobenzene-d5	7.369	82	469654	95.267	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	129483	120.529	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	779111	107.930	ng	0.00
79) Terphenyl-d14	12.939	244	741472	100.637	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	66763	21.540	ng	# 79
25) Isophorone	7.369	82	469647	58.335	ng	# 69
50) Dimethylphthalate	9.851	163	20551	2.747	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	13177	8.137	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	13177	5.950	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	8294	4.401	ng	# 1
77) Benzidine	12.939	184	11944	5.832	ng	# 91
92) Benzo(g,h,i)perylene	17.392	276	1214	5.425	ng	# 72

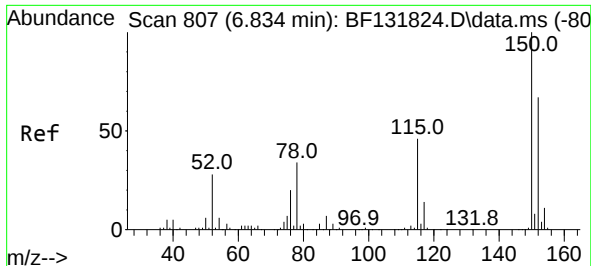
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
Data File : BF131944.D
Acq On : 06 Jan 2023 16:30
Operator : CG\JU
Sample : 01029-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

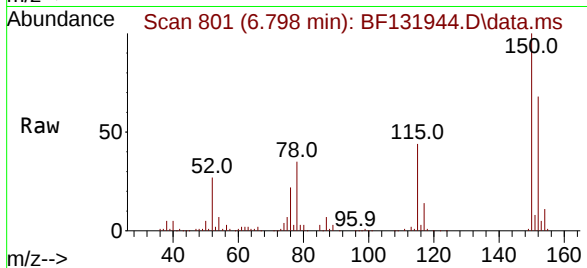
Quant Time: Jan 07 00:22:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration



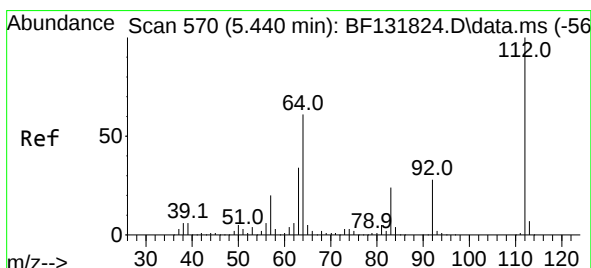
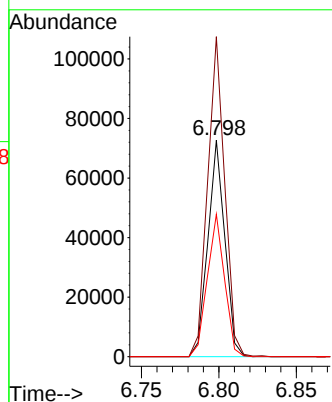
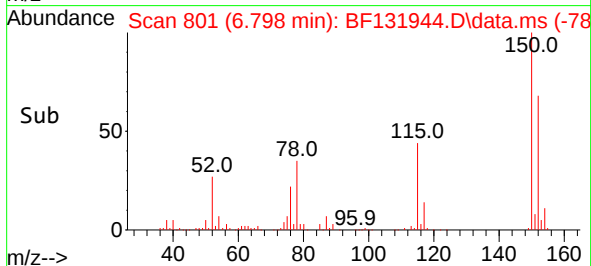


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30

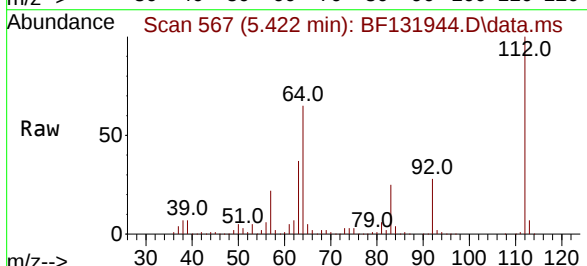
Instrument :
 BNA_F
 ClientSampleId :



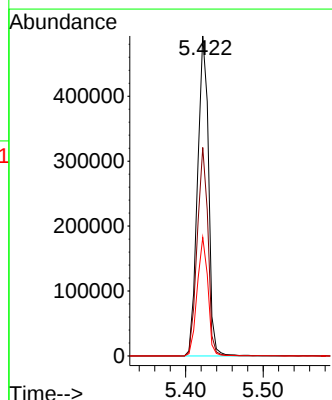
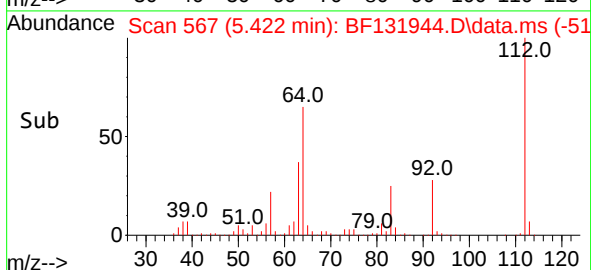
Tgt Ion:152 Resp: 55357
 Ion Ratio Lower Upper
 152 100
 150 147.8 120.0 180.0
 115 65.8 55.1 82.7

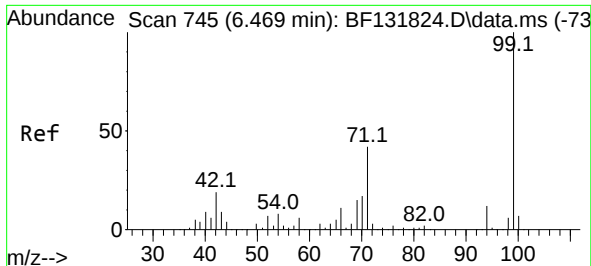


#5
 2-Fluorophenol
 Concen: 145.579 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.024 min
 Lab File: BF131944.D
 Acq: 06 Jan 2023 16:30



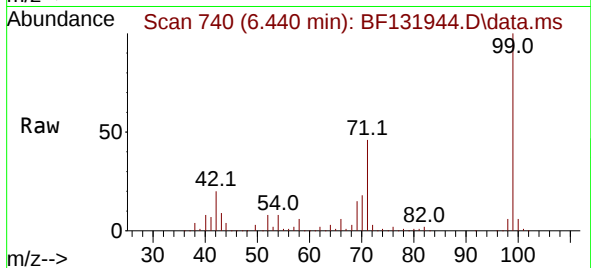
Tgt Ion:112 Resp: 486285
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.2 73.8
 63 37.0 27.5 41.3



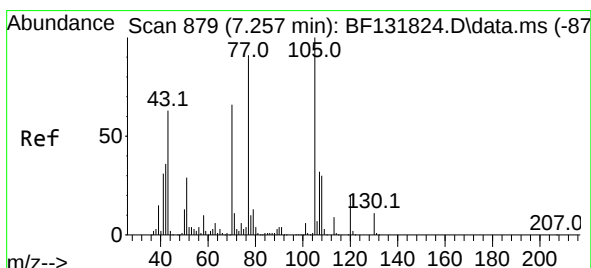
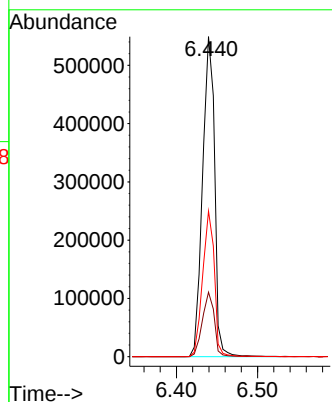
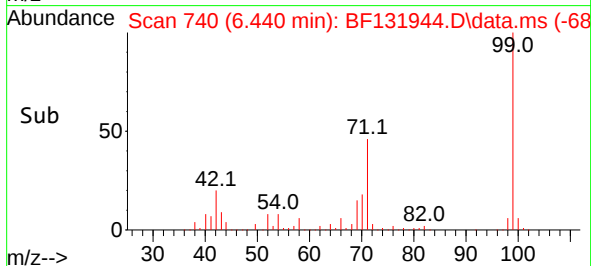


#7
Phenol-d6
Concen: 129.290 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

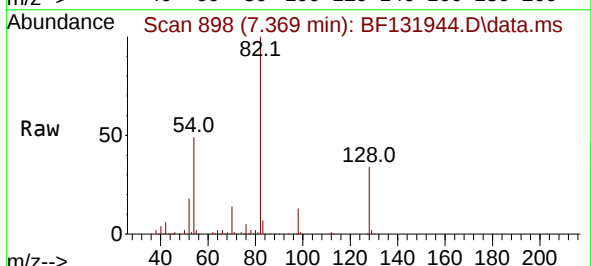
Instrument :
BNA_F
ClientSampleId :



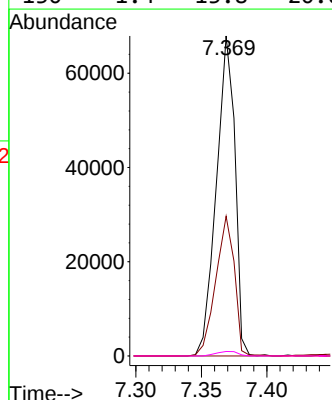
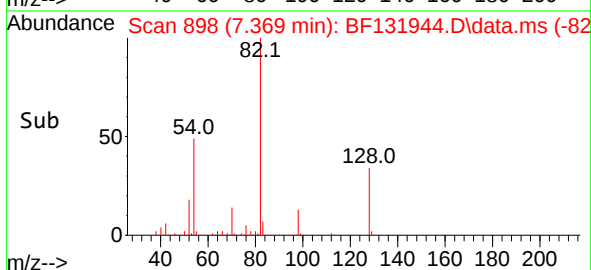
Tgt Ion: 99 Resp: 567405
Ion Ratio Lower Upper
99 100
42 20.2 15.3 22.9
71 45.5 33.5 50.3

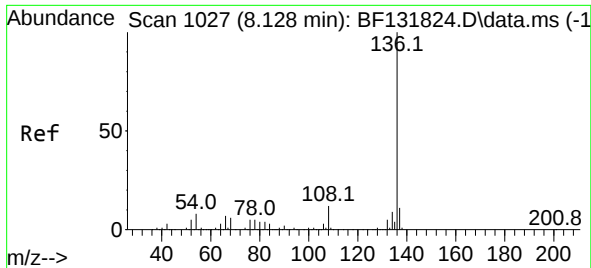


#19
n-Nitroso-di-n-propylamine
Concen: 21.540 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30



Tgt Ion: 70 Resp: 66763
Ion Ratio Lower Upper
70 100
42 43.6 43.8 65.6#
101 0.0 7.4 11.0#
130 1.4 13.8 20.6#

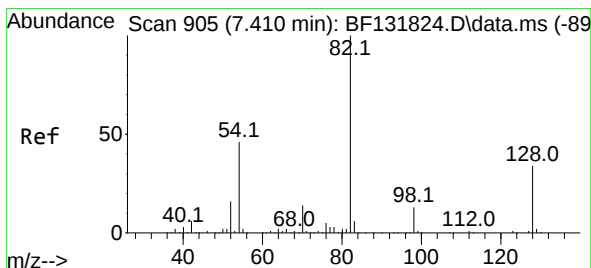
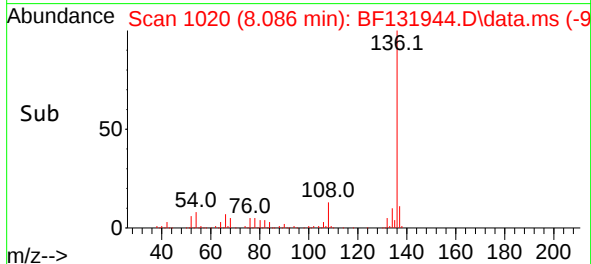
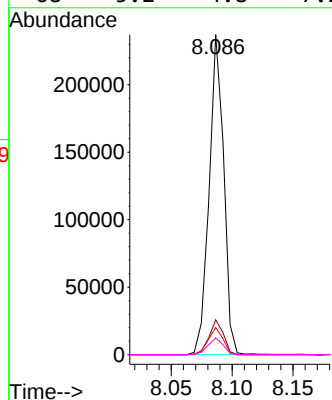
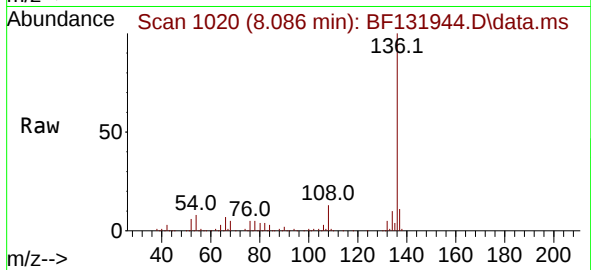




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

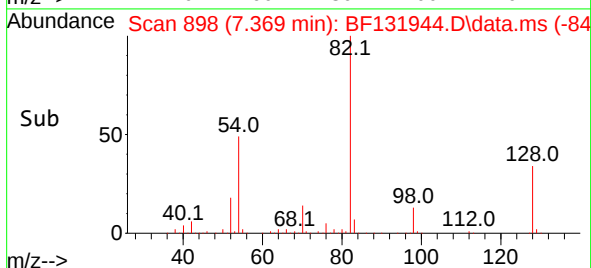
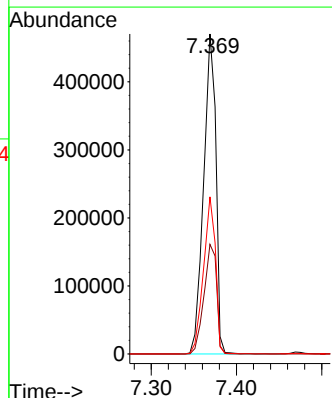
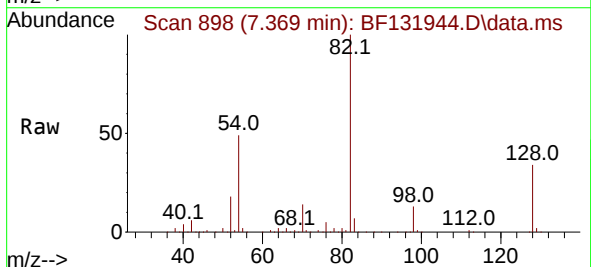
Instrument :
BNA_F
ClientSampleId :

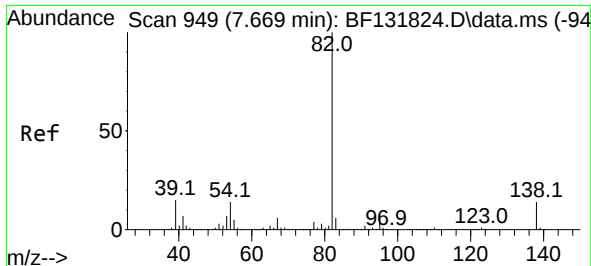
Tgt Ion:136	Resp: 196829
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 8.5	6.7 10.1
68 5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 95.267 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion: 82	Resp: 469654
Ion Ratio	Lower Upper
82 100	
128 34.2	27.1 40.7
54 49.1	37.0 55.6

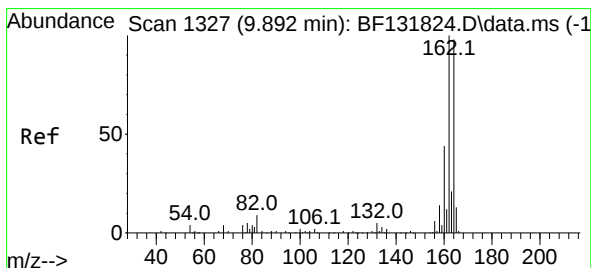
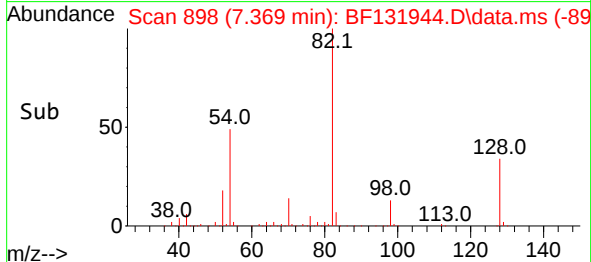
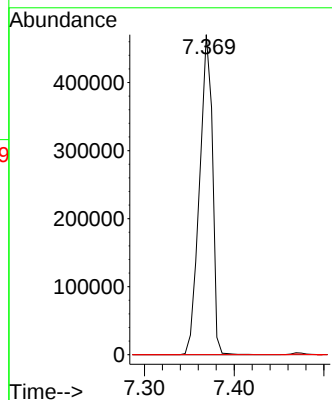
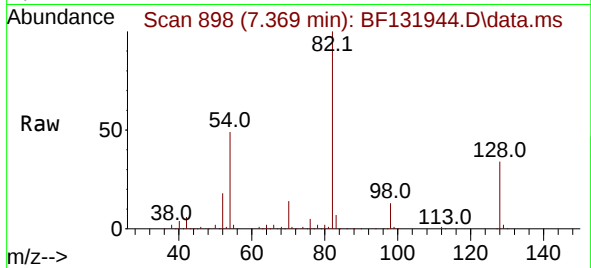




#25
Isophorone
Concen: 58.335 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

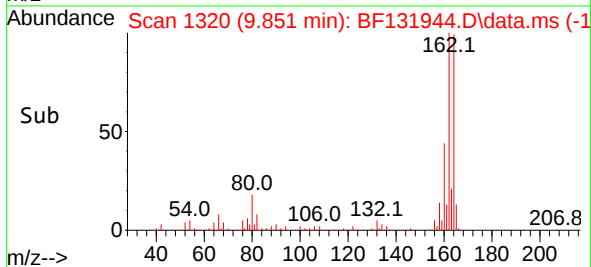
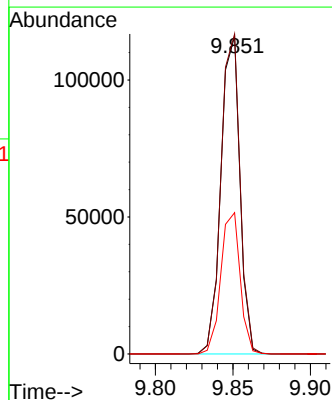
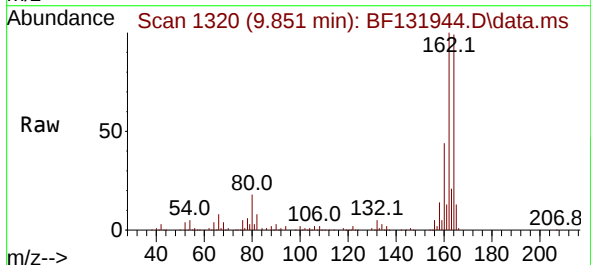
Instrument :
BNA_F
ClientSampleId :

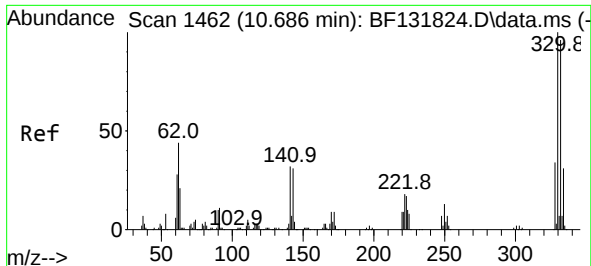
Tgt Ion: 82 Resp: 469647
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

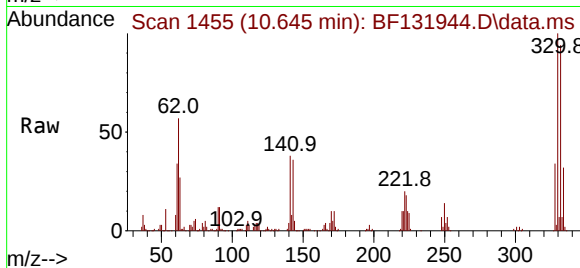
Tgt Ion:164 Resp: 98876
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.5 35.7 53.5



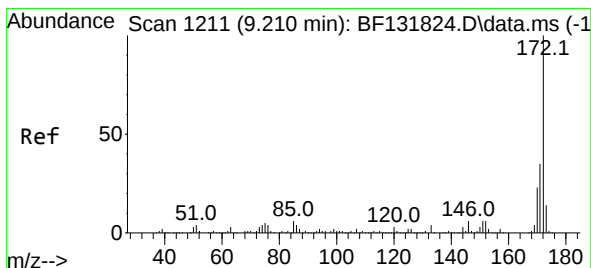
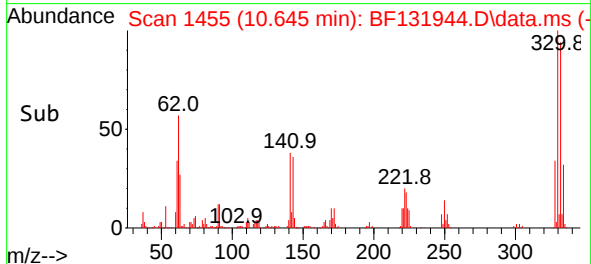
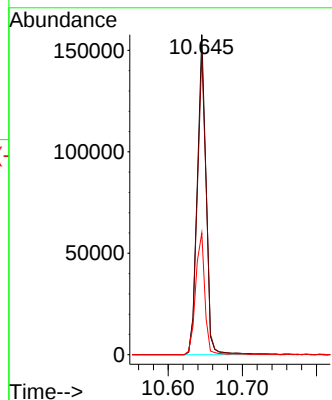


#42
2,4,6-Tribromophenol
Concen: 120.529 ng
RT: 10.645 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Instrument :
BNA_F
ClientSampleId :

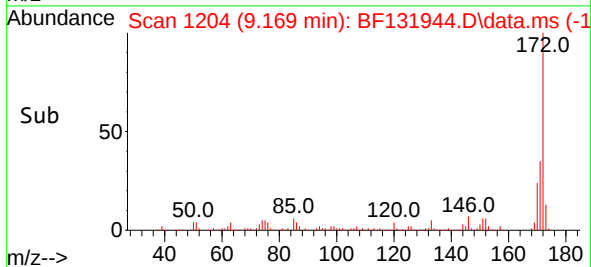
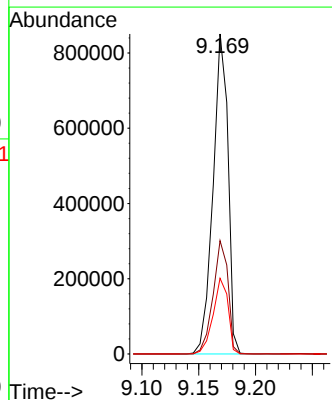
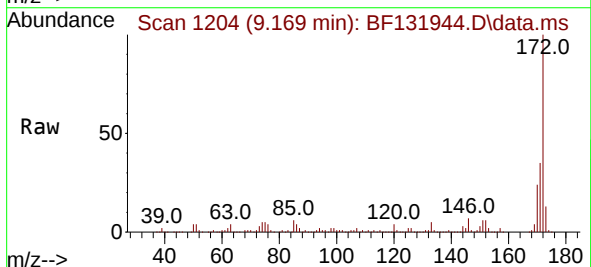


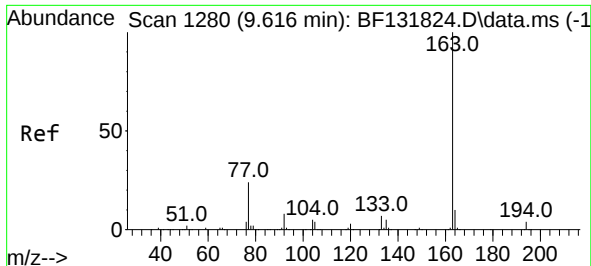
Tgt Ion: 330 Resp: 129483
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 39.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 107.930 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion: 172 Resp: 779111
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.7 18.7 28.1

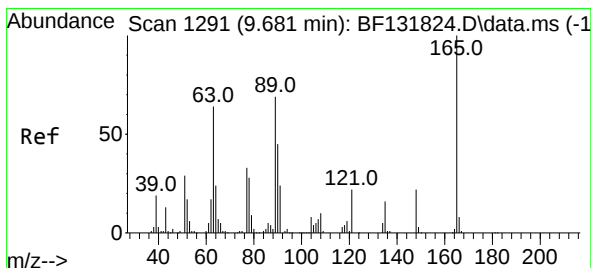
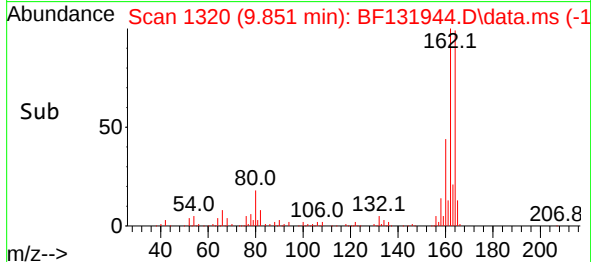
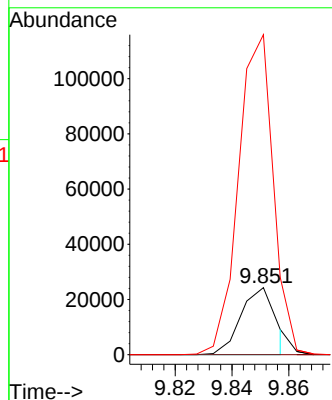
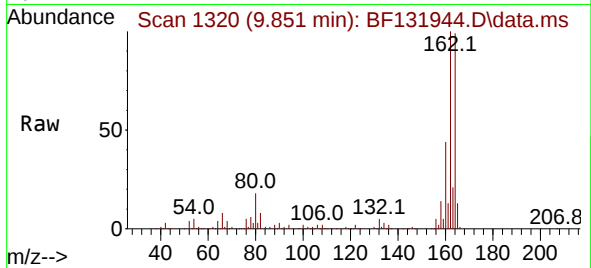




#50
Dimethylphthalate
Concen: 2.747 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

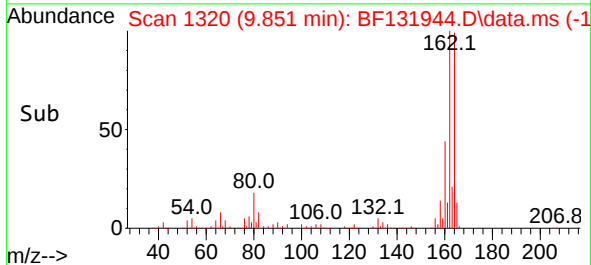
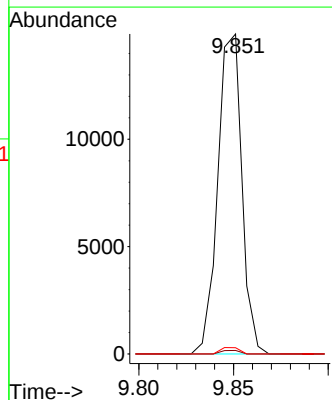
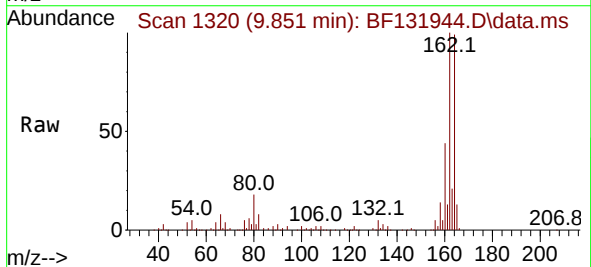
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BNA_F
ClientSampleId :

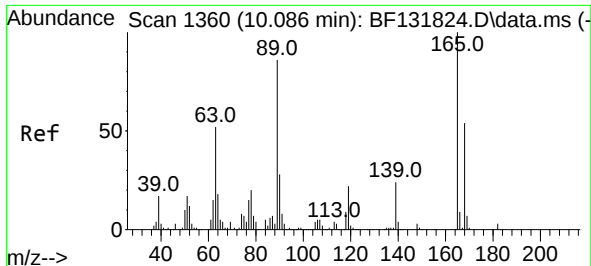
Tgt Ion:163 Resp: 20551
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 476.8 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.137 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

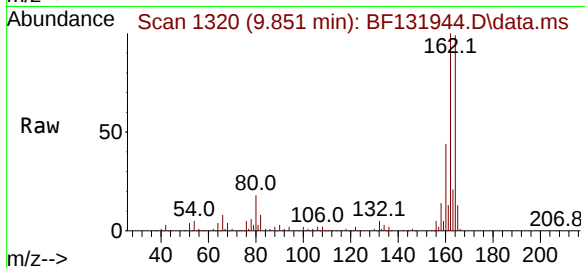
Tgt Ion:165 Resp: 13177
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 2.0 55.0 82.4#



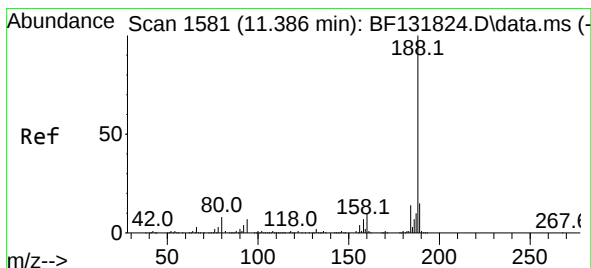
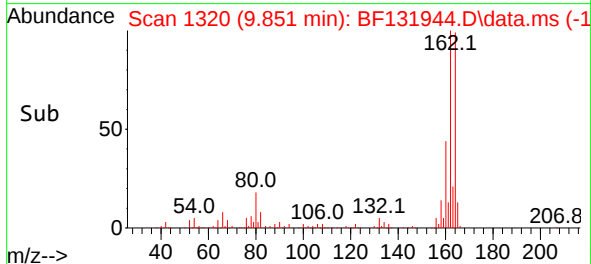
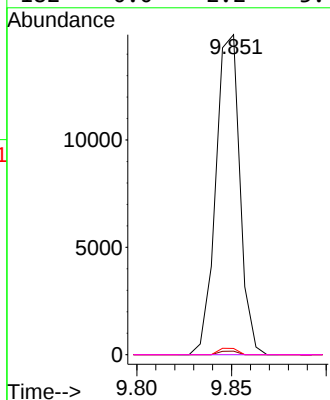


#57
2,4-Dinitrotoluene
Concen: 5.950 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Instrument :
BNA_F
ClientSampleId :

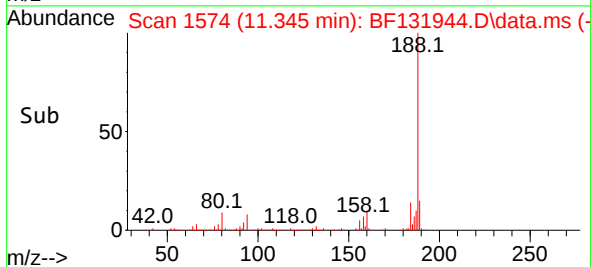
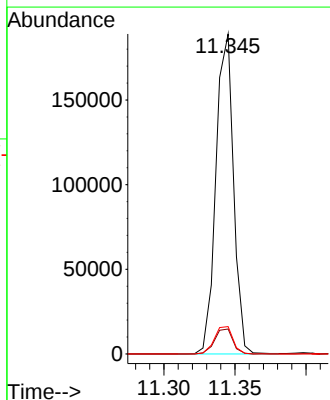
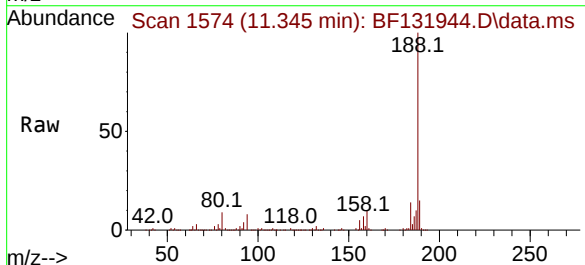


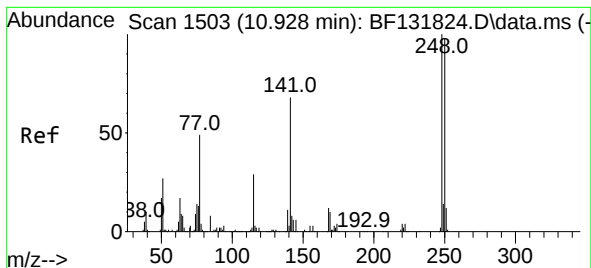
Tgt Ion:165 Resp: 13177
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 2.0 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion:188 Resp: 162592
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 8.5 6.7 10.1

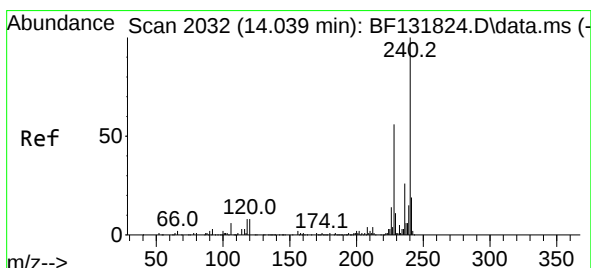
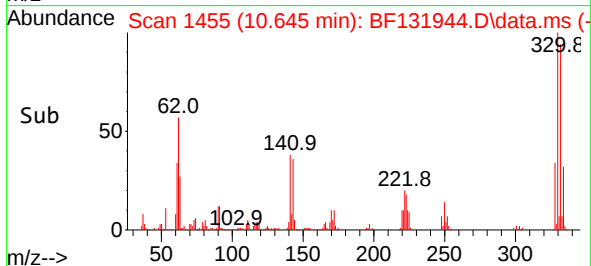
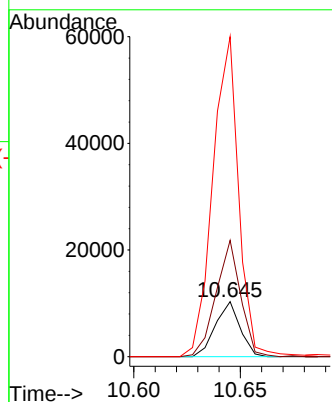
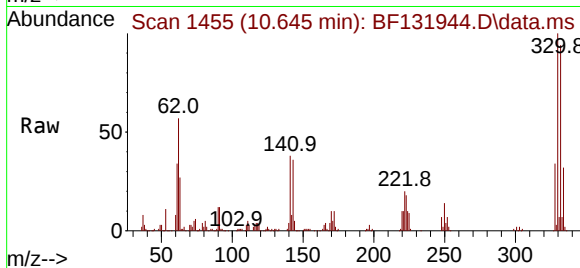




#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

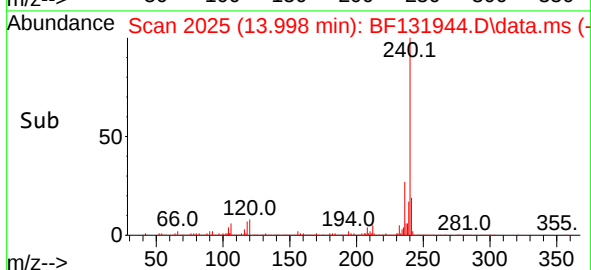
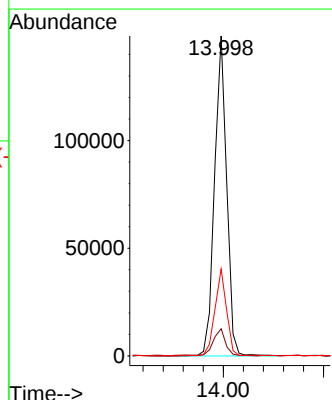
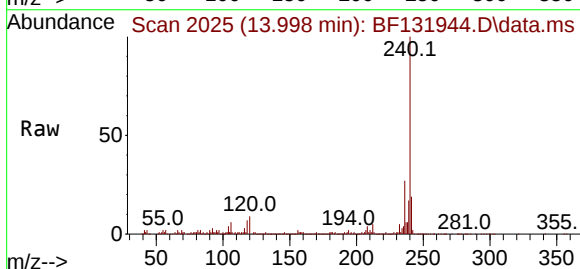
Instrument :
BNA_F
ClientSampleId :

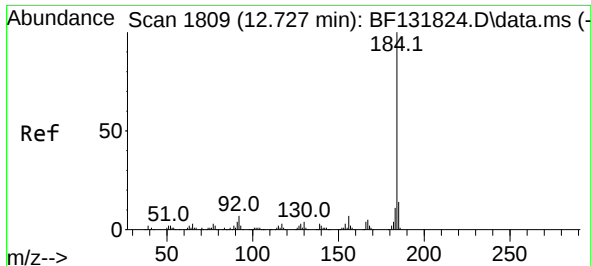
Tgt Ion:248 Resp: 8294
Ion Ratio Lower Upper
248 100
250 211.5 78.0 117.0#
141 581.9 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion:240 Resp: 124627
Ion Ratio Lower Upper
240 100
120 8.5 6.7 10.1
236 27.1 20.6 31.0

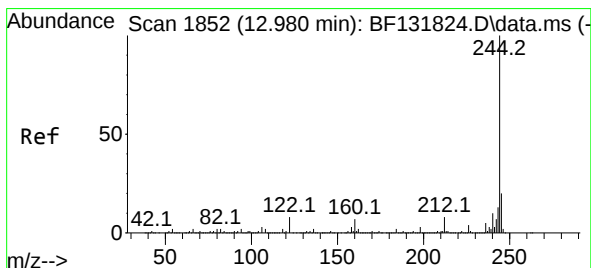
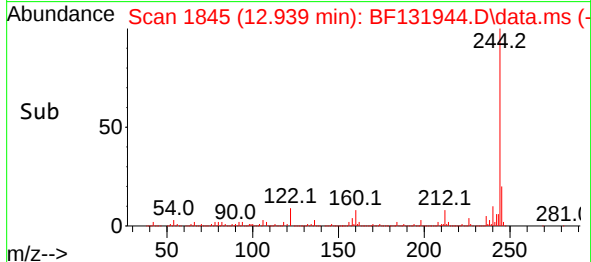
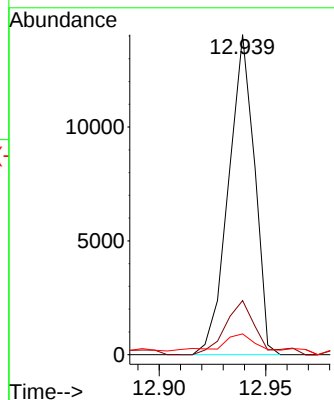
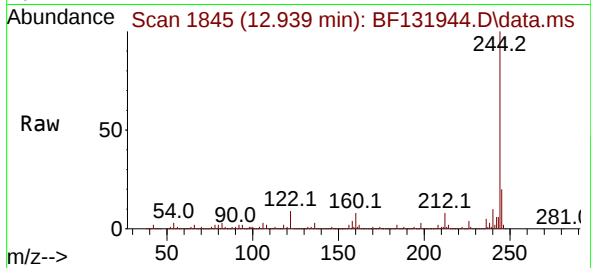




#77
Benzidine
Concen: 5.832 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

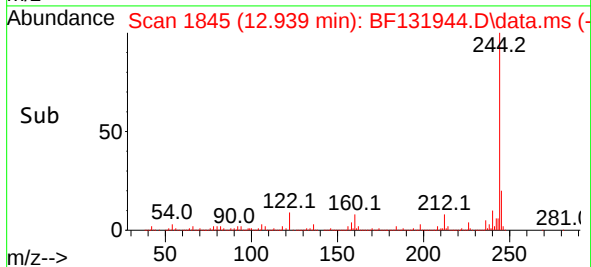
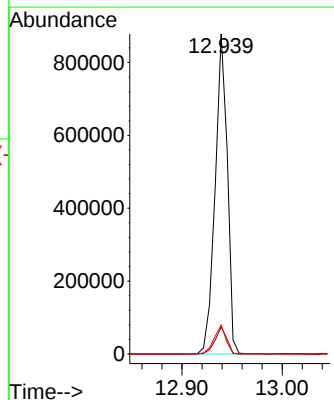
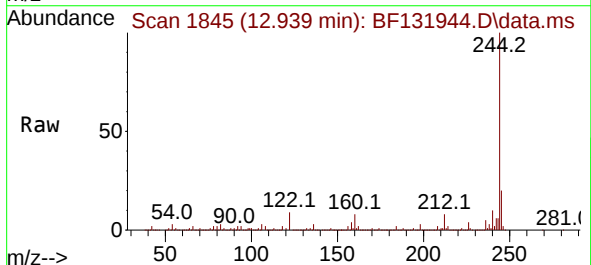
Instrument :
BNA_F
ClientSampleId :

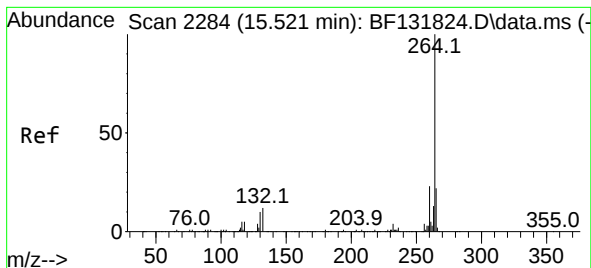
Tgt Ion:184 Resp: 11944
Ion Ratio Lower Upper
184 100
185 16.9 11.6 17.4
183 6.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 100.637 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF131944.D
Acq: 06 Jan 2023 16:30

Tgt Ion:244 Resp: 741472
Ion Ratio Lower Upper
244 100
212 8.5 6.3 9.5
122 9.1 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131944.D

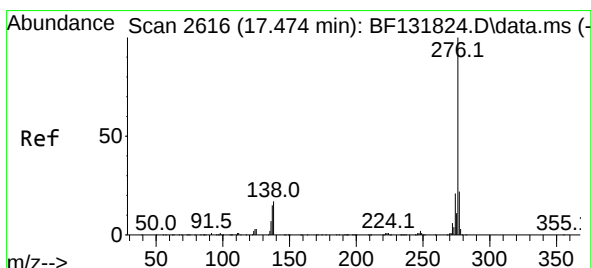
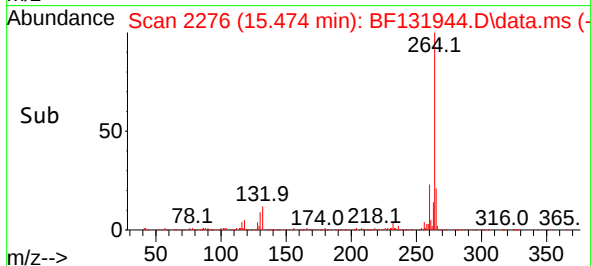
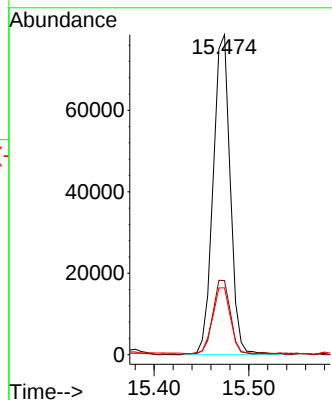
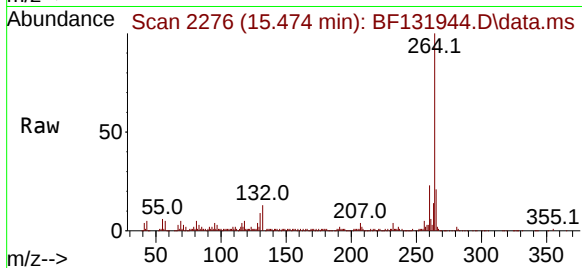
Acq: 06 Jan 2023 16:30

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:264	Resp:	99022
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.6 28.0
265	20.9	17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.425 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.006 min

Lab File: BF131944.D

Acq: 06 Jan 2023 16:30

Tgt Ion:276	Resp:	1214
Ion Ratio	Lower	Upper
276	100	
277	33.2	17.9 26.9#
138	32.8	13.7 20.5#

