

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131930.D
 Acq On : 05 Jan 2023 23:16
 Operator : CG\JU
 Sample : 01009-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 06 03:15:39 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 03:02:38 2023
 Response via : Initial Calibration

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

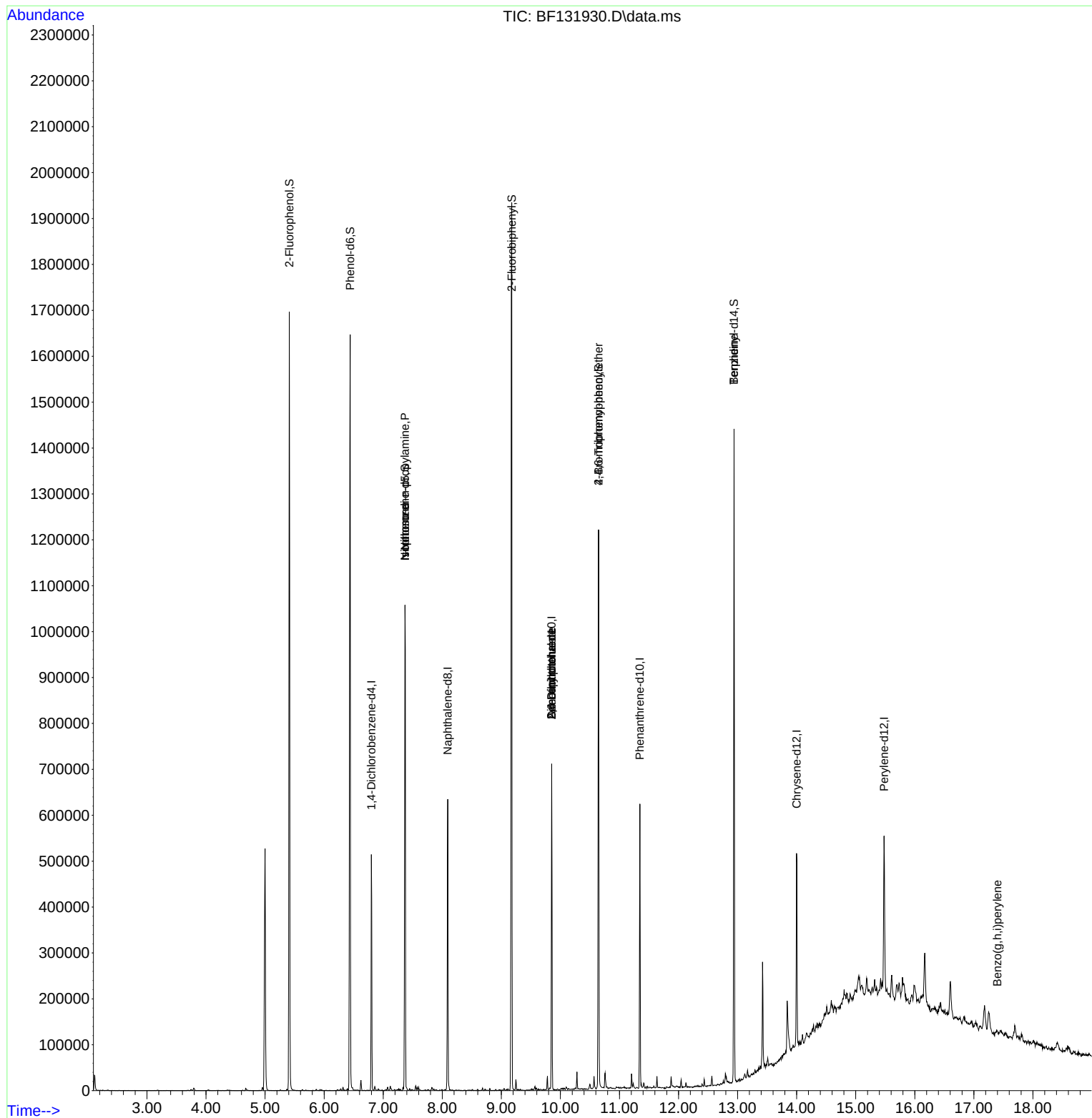
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	69509	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	241456	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	128125	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	199899	20.000	ng	0.00
76) Chrysene-d12	13.998	240	142724	20.000	ng	-0.01
86) Perylene-d12	15.480	264	146384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	404515	96.444	ng	0.00
7) Phenol-d6	6.440	99	523670	95.030	ng	0.00
23) Nitrobenzene-d5	7.369	82	371586	61.443	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	116237	83.499	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	576658	61.648	ng	0.00
79) Terphenyl-d14	12.939	244	435702	51.638	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	52546	13.502	ng	# 78
25) Isophorone	7.369	82	371582	37.624	ng	# 69
50) Dimethylphthalate	9.851	163	24589	2.537	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	16260	7.749	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	16260	5.666	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	8010	3.457	ng	# 1
77) Benzidine	12.939	184	7197	3.068	ng	# 95
92) Benzo(g,h,i)perylene	17.398	276	3200	5.564	ng	# 76

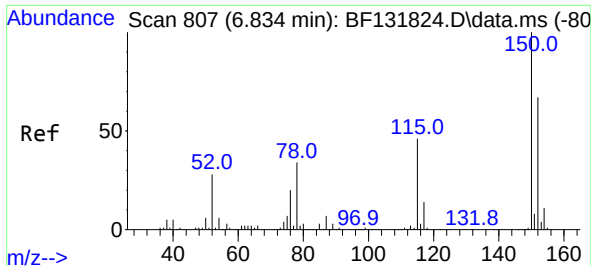
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
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QLast Update : Fri Jan 06 03:02:38 2023
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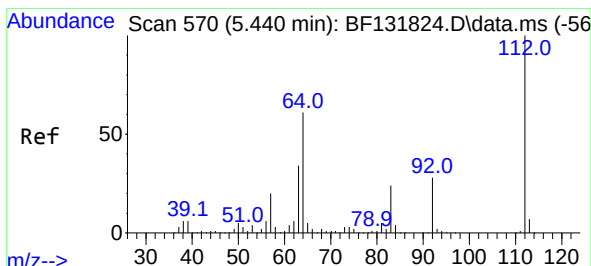
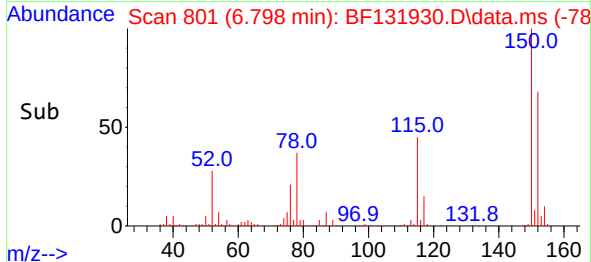
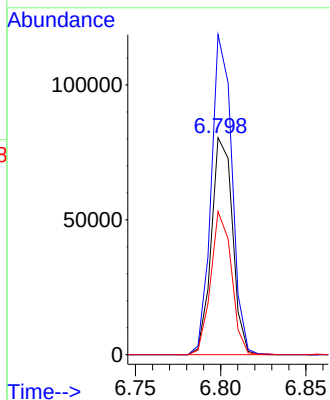
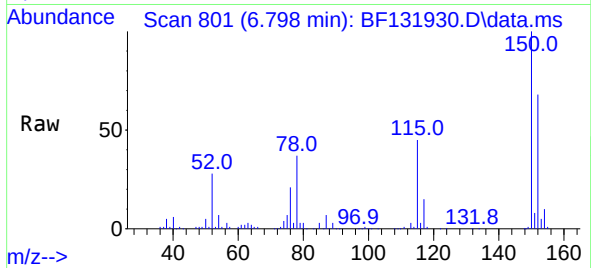




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

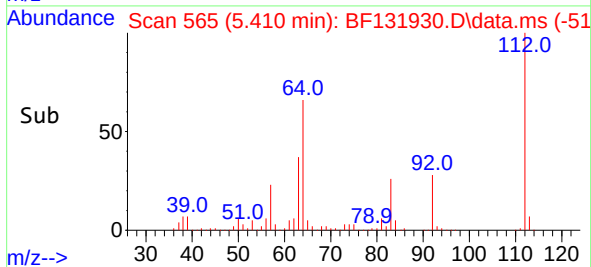
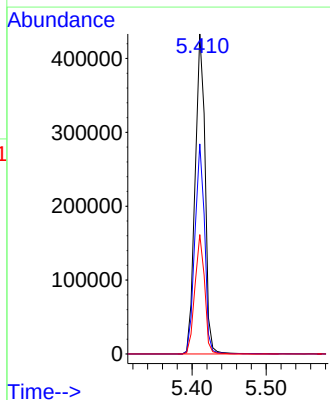
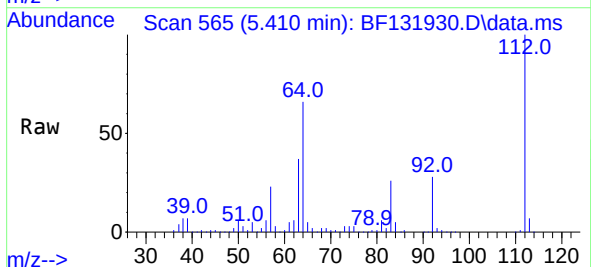
Instrument :
BNA_F
ClientSampleId :
TP-4

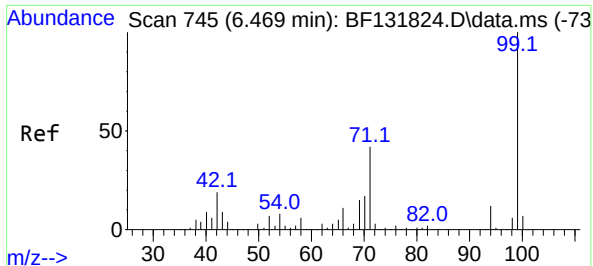
Tgt Ion:152 Resp: 69509
Ion Ratio Lower Upper
152 100
150 147.5 120.0 180.0
115 66.1 55.1 82.7



#5
2-Fluorophenol
Concen: 96.444 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:112 Resp: 404515
Ion Ratio Lower Upper
112 100
64 65.6 49.2 73.8
63 37.3 27.5 41.3

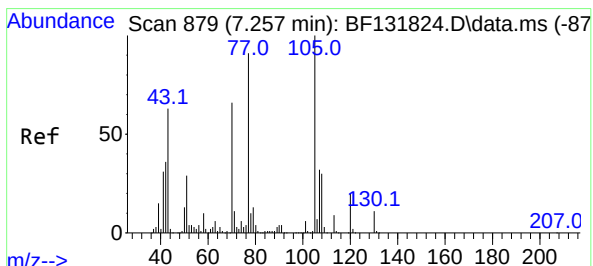
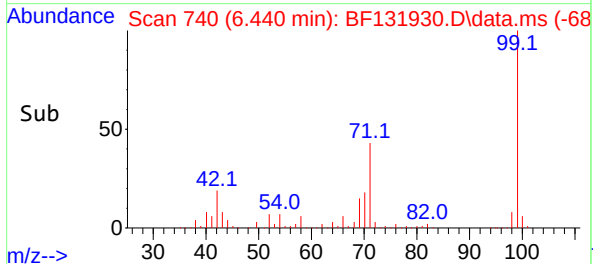
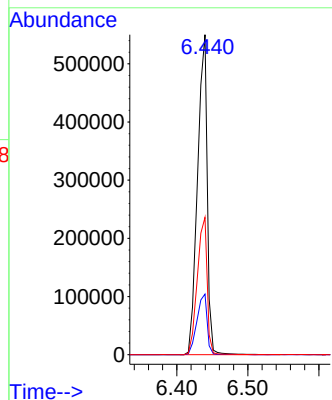
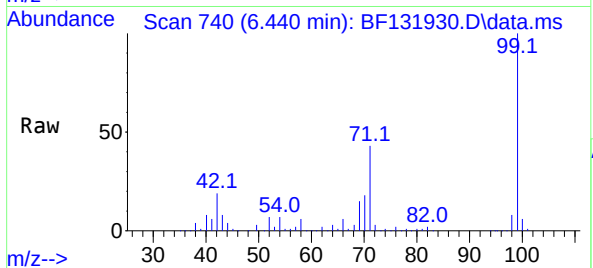




#7
Phenol-d6
Concen: 95.030 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

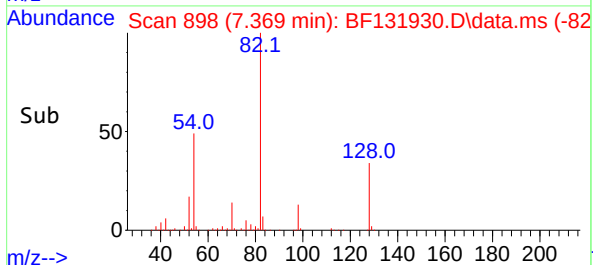
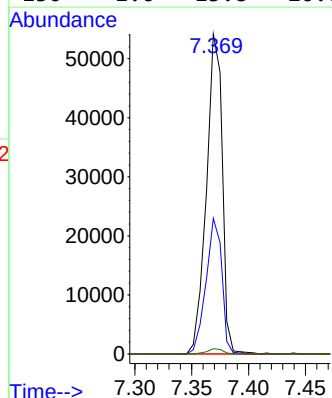
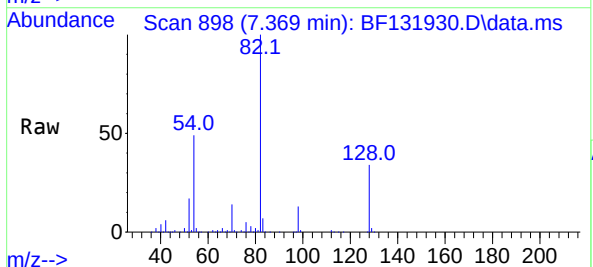
Instrument :
BNA_F
ClientSampleId :
TP-4

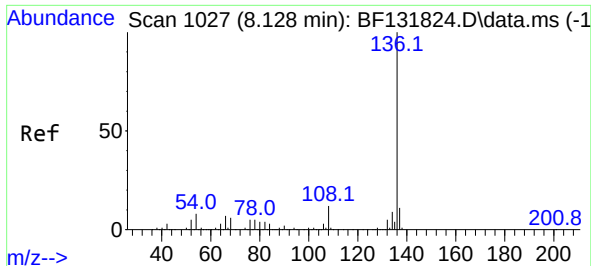
Tgt Ion: 99 Resp: 523670
Ion Ratio Lower Upper
99 100
42 18.9 15.3 22.9
71 42.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.502 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion: 70 Resp: 52546
Ion Ratio Lower Upper
70 100
42 42.3 43.8 65.6#
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#



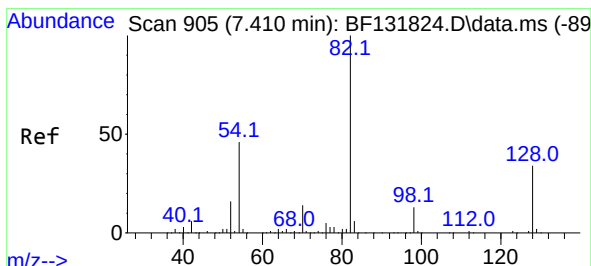
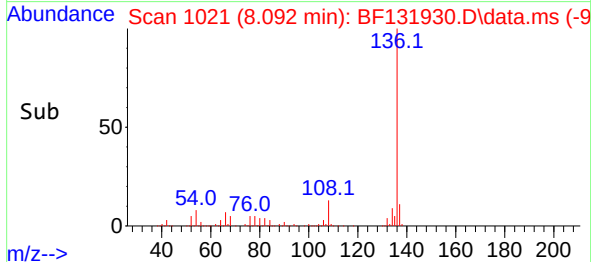
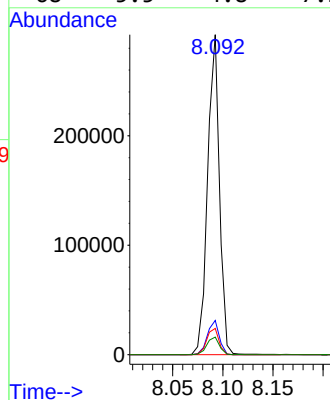
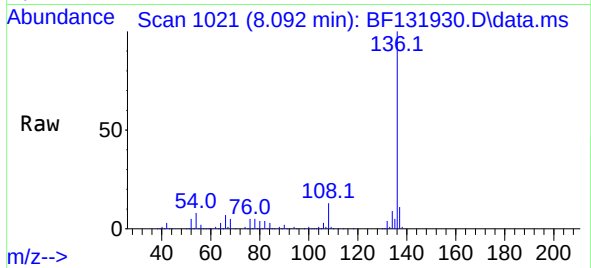


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 241456

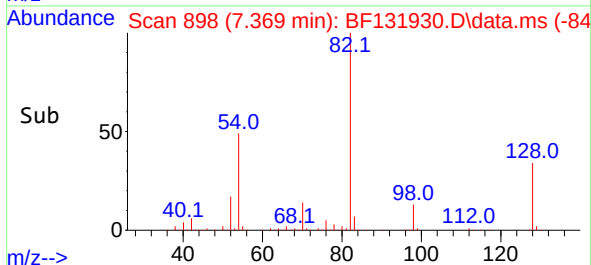
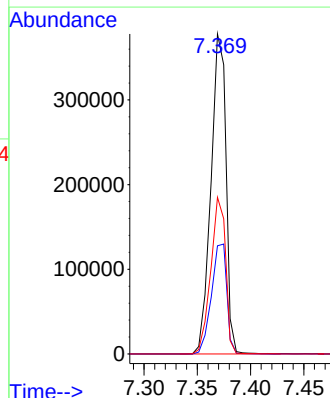
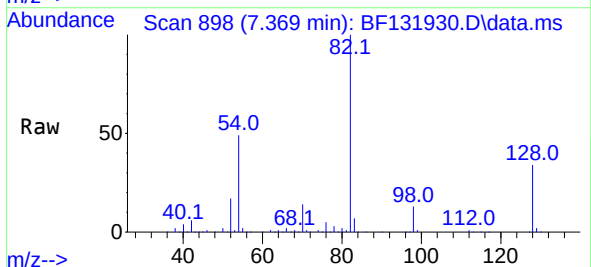
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.2	6.7	10.1
68	5.5	4.8	7.2

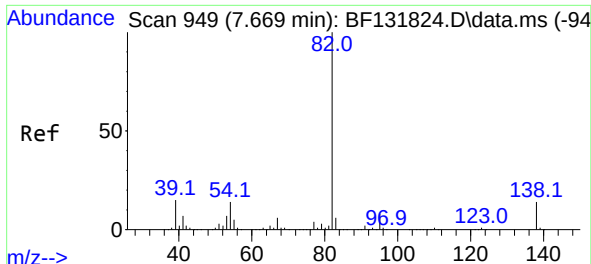


#23
Nitrobenzene-d5
Concen: 61.443 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion: 82 Resp: 371586

Ion	Ratio	Lower	Upper
82	100		
128	33.8	27.1	40.7
54	48.9	37.0	55.6

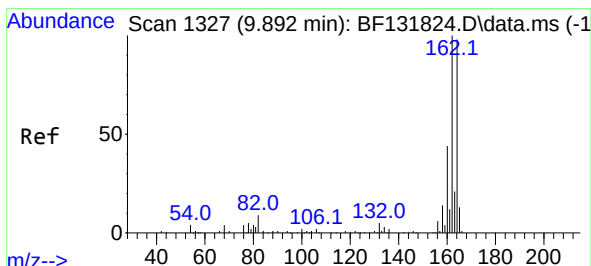
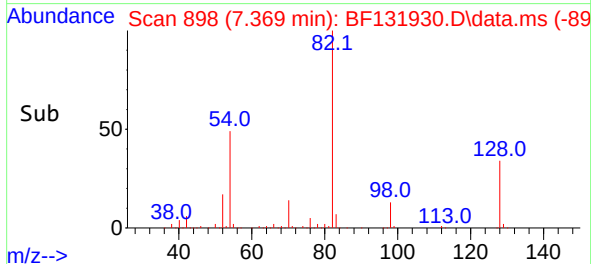
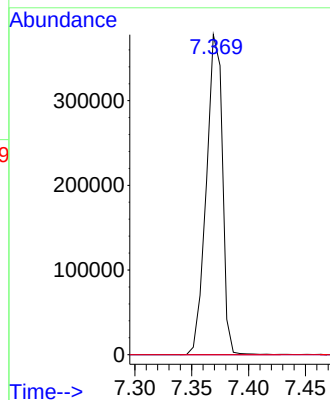
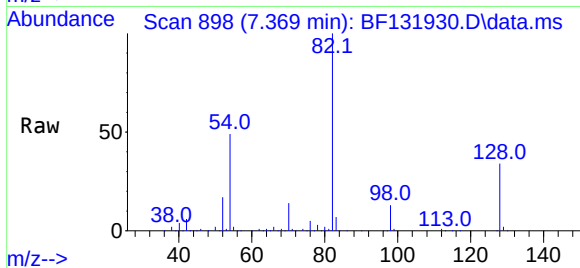




#25
Isophorone
Concen: 37.624 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

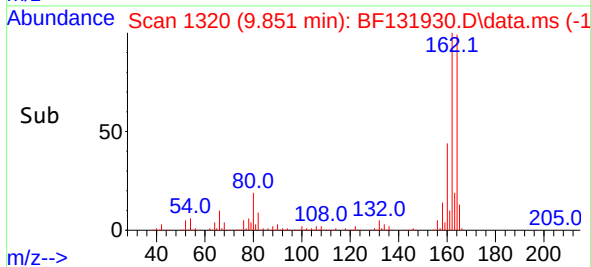
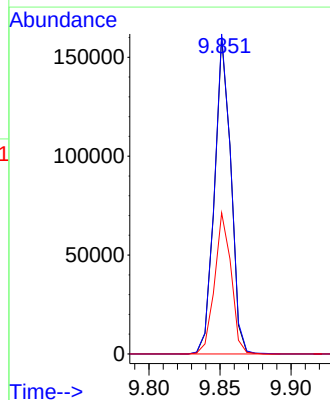
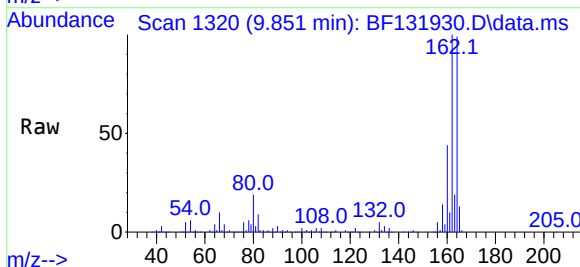
Instrument :
BNA_F
ClientSampleId :
TP-4

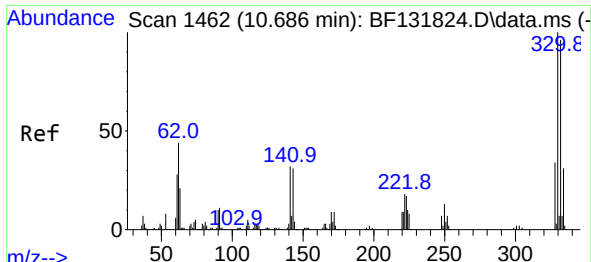
Tgt Ion: 82 Resp: 371582
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:164 Resp: 128125
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 83.499 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131930.D

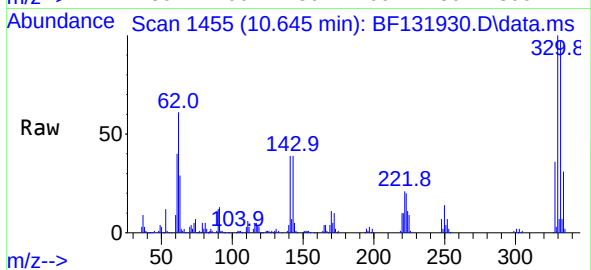
Acq: 05 Jan 2023 23:16

Instrument :

BNA_F

ClientSampleId :

TP-4



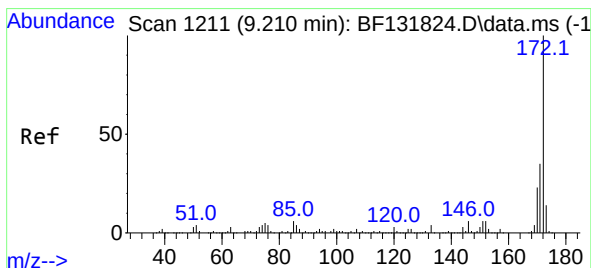
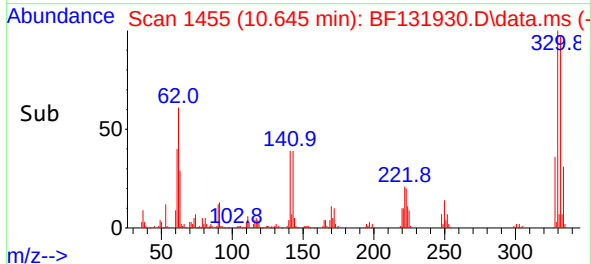
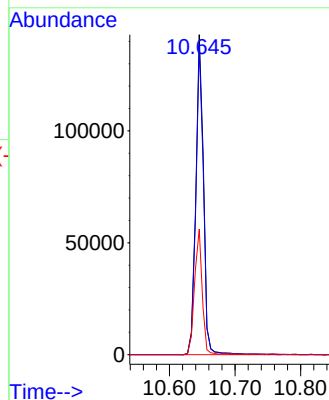
Tgt Ion:330 Resp: 116237

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 39.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 61.648 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131930.D

Acq: 05 Jan 2023 23:16

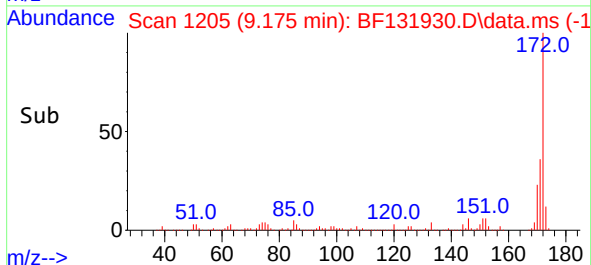
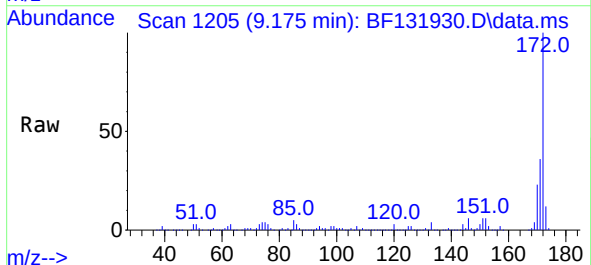
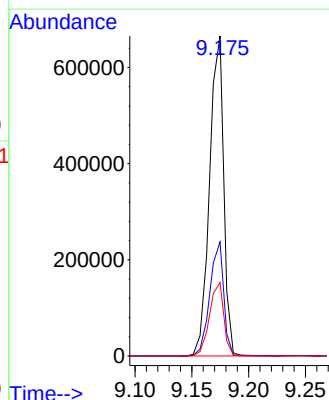
Tgt Ion:172 Resp: 576658

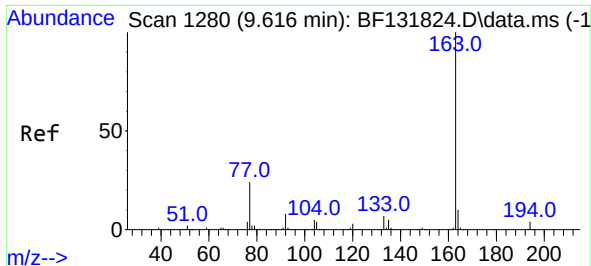
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 22.9 18.7 28.1

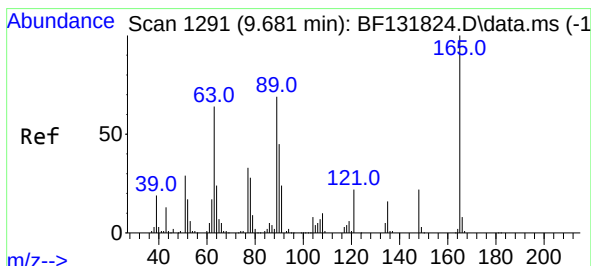
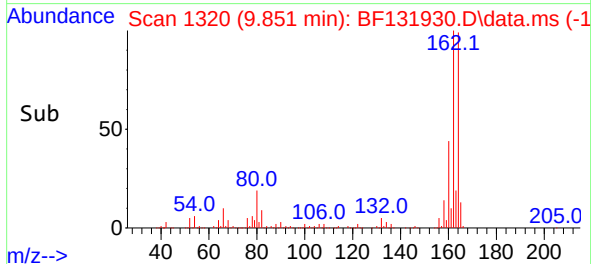
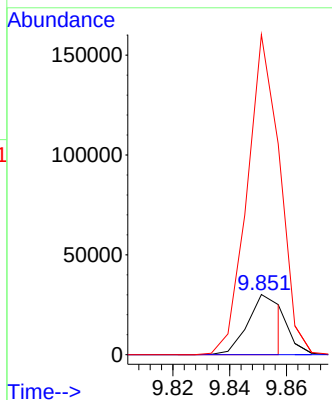
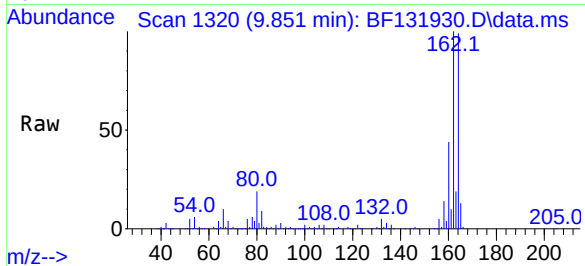




#50
Dimethylphthalate
Concen: 2.537 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

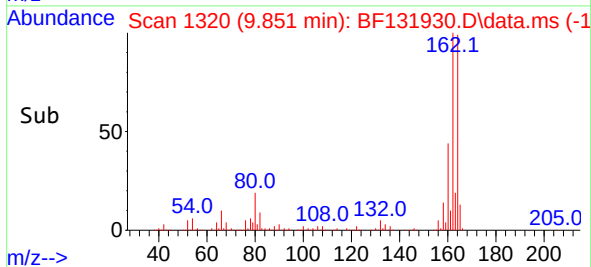
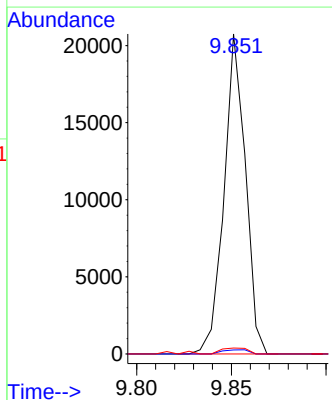
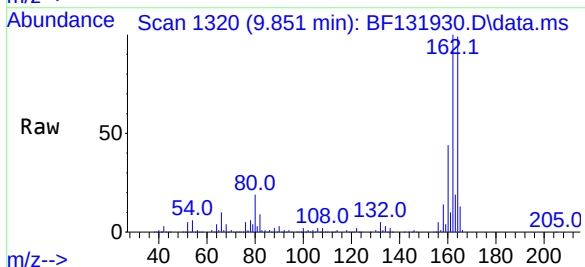
Instrument :
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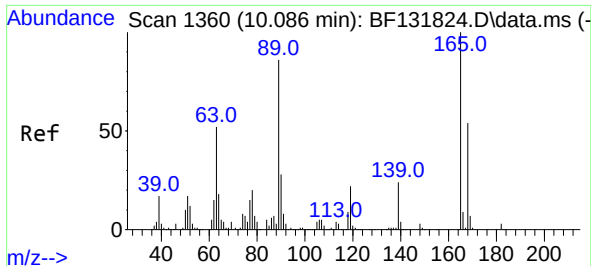
Tgt Ion:163 Resp: 24589
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 531.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:165 Resp: 16260
Ion Ratio Lower Upper
165 100
63 1.3 55.1 82.7#
89 1.8 55.0 82.4#

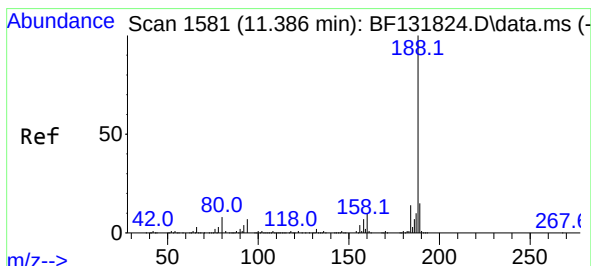
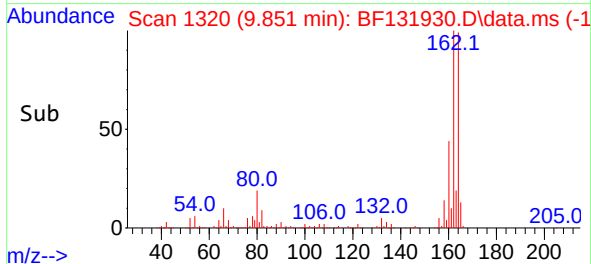
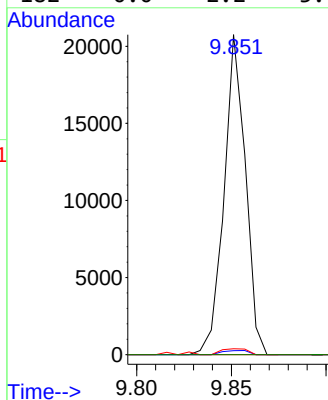
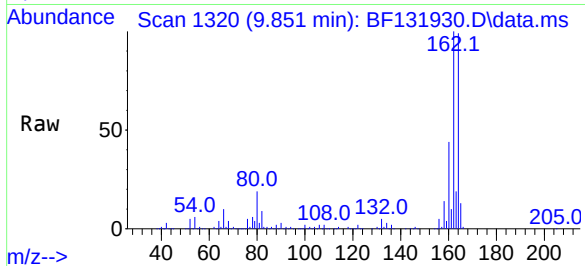




#57
2,4-Dinitrotoluene
Concen: 5.666 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

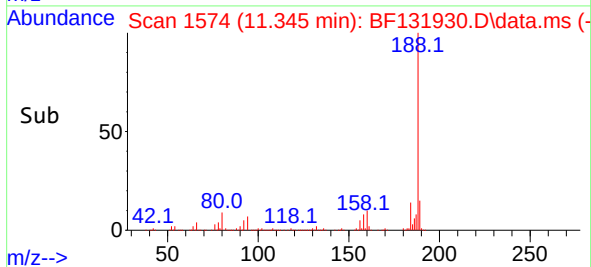
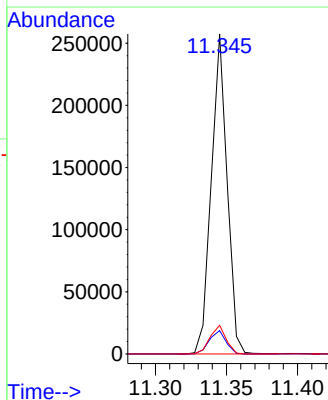
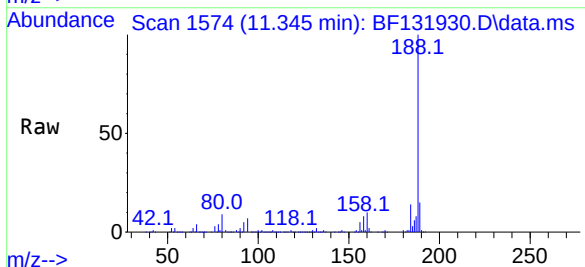
Instrument :
BNA_F
ClientSampleId :
TP-4

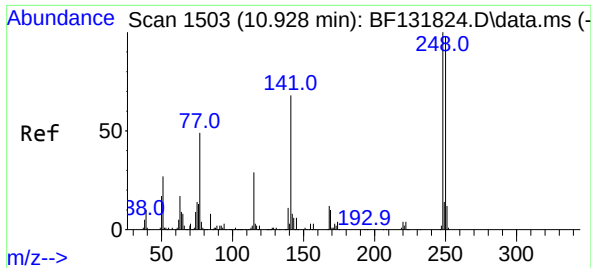
Tgt Ion:165	Resp:	16260
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.1 63.1#
89	1.8	69.1 103.7#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

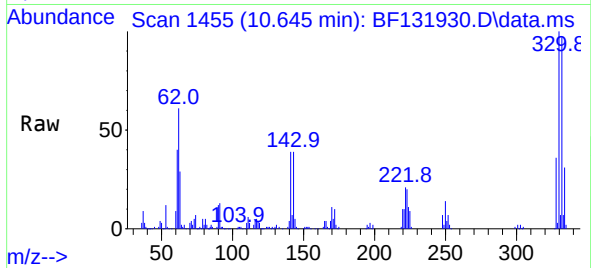
Tgt Ion:188	Resp:	199899
Ion Ratio	Lower	Upper
188	100	
94	7.3	5.8 8.6
80	8.9	6.7 10.1



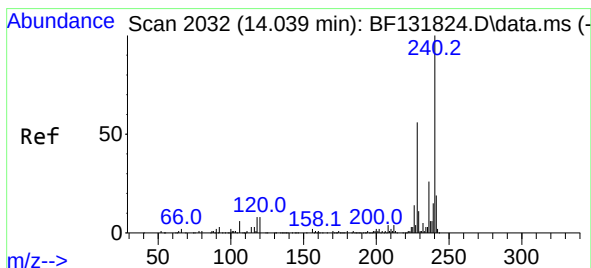
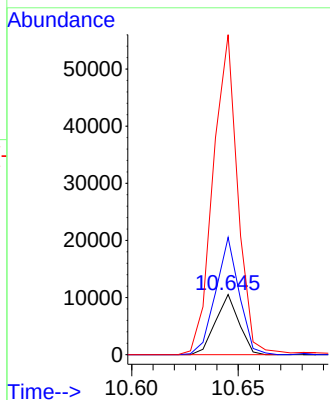
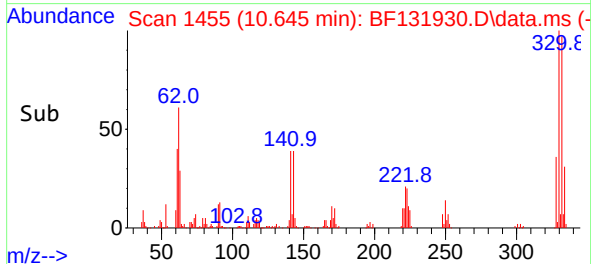


#67
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Instrument :
BNA_F
ClientSampleId :
TP-4

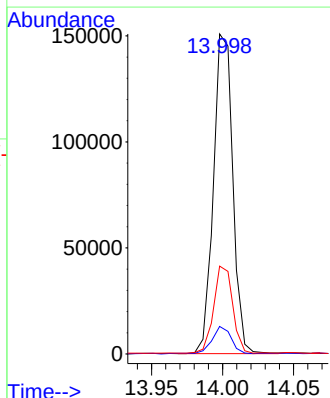
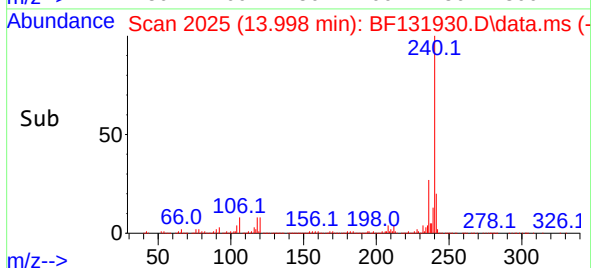
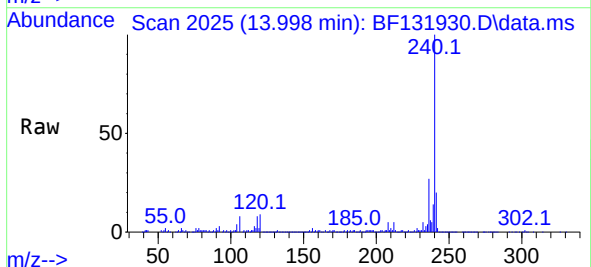


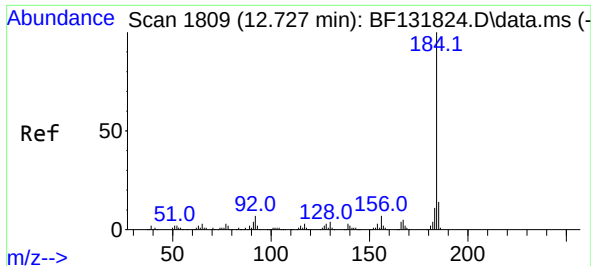
Tgt Ion:248 Resp: 8010
Ion Ratio Lower Upper
248 100
250 195.1 78.0 117.0#
141 532.4 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:240 Resp: 142724
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 27.4 20.6 31.0

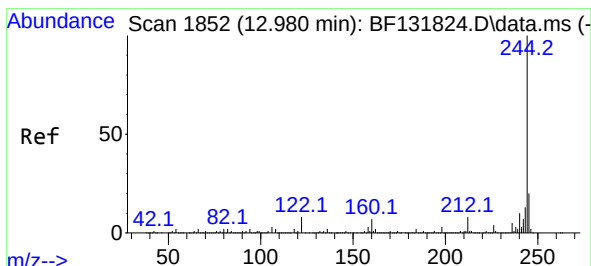
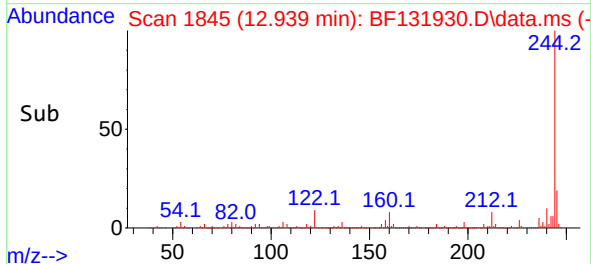
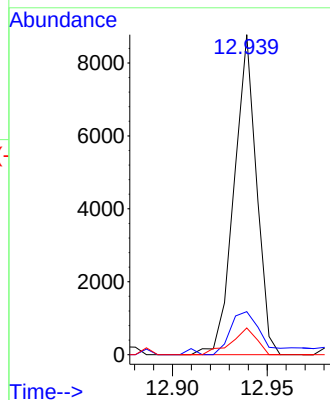
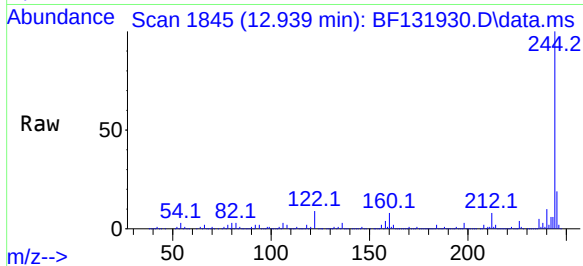




#77
Benzidine
Concen: 3.068 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.247 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

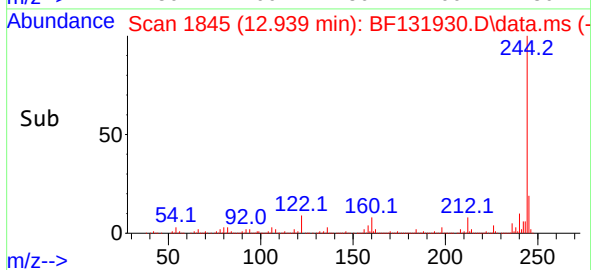
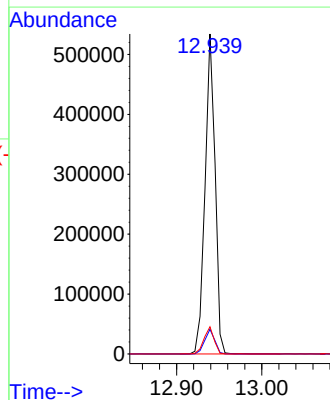
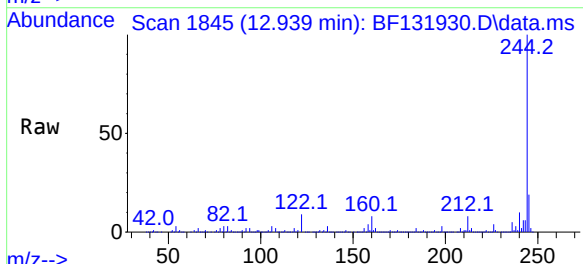
Instrument :
BNA_F
ClientSampleId :
TP-4

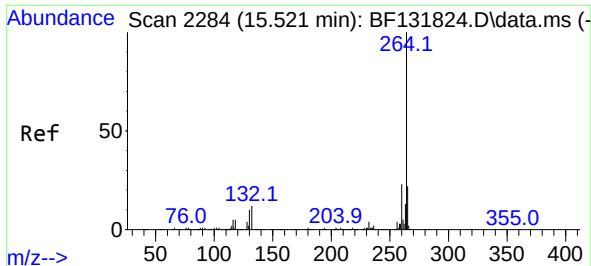
Tgt Ion:184	Resp:	7197
Ion Ratio	Lower	Upper
184	100	
185	13.5	11.6 17.4
183	8.3	9.0 13.4#



#79
Terphenyl-d14
Concen: 51.638 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:244	Resp:	435702
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.3 9.5
122	8.5	6.4 9.6



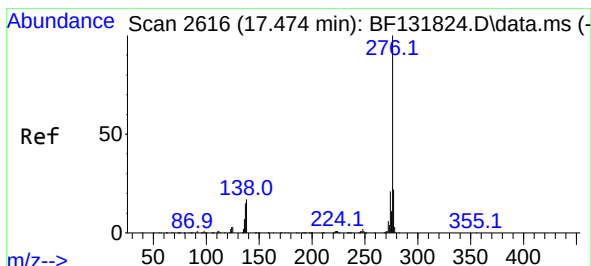
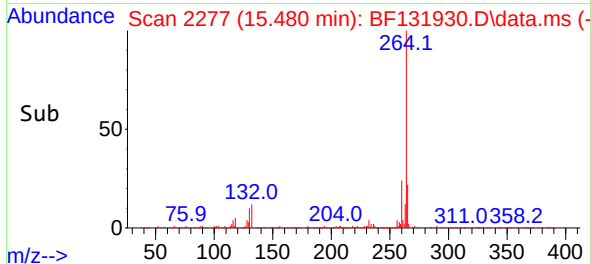
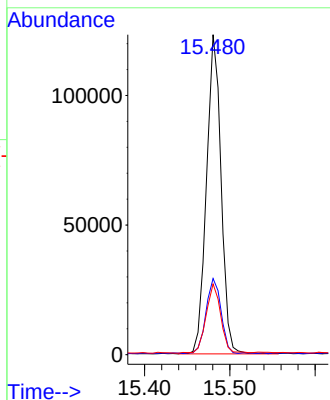
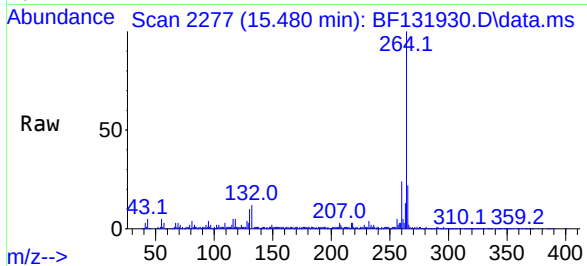


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:264 Resp: 146384

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	17.4	26.0



#92
Benzo(g,h,i)perylene
Concen: 5.564 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF131930.D
Acq: 05 Jan 2023 23:16

Tgt Ion:276 Resp: 3200

Ion	Ratio	Lower	Upper
276	100		
277	41.5	17.9	26.9#
138	15.9	13.7	20.5

