

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131928.D
 Acq On : 05 Jan 2023 22:12
 Operator : CG\JU
 Sample : 01001-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C2

Quant Time: Jan 06 03:15:04 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)

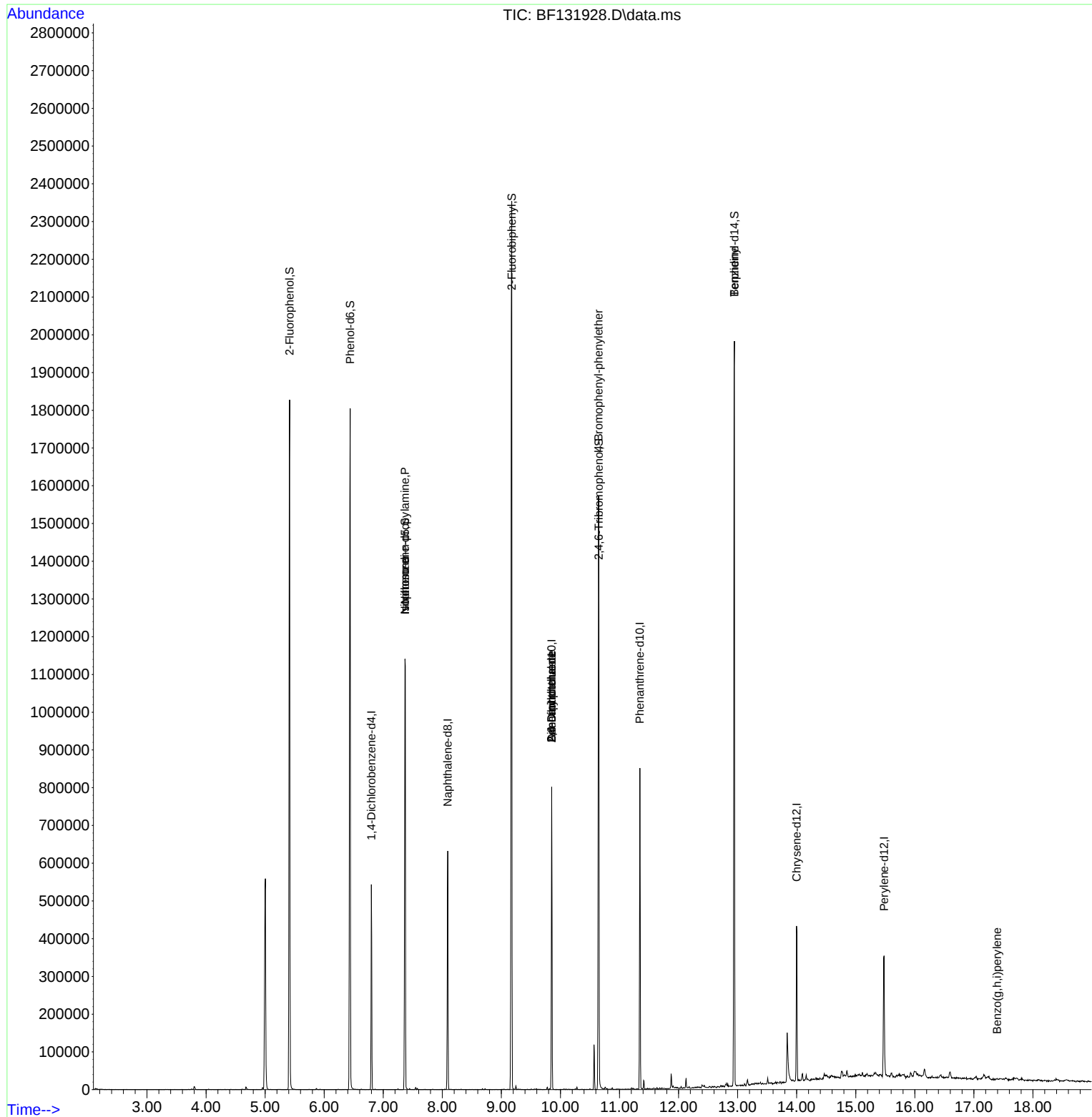
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	70073	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	252060	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	144064	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	282864	20.000	ng	0.00
76) Chrysene-d12	13.998	240	141008	20.000	ng	-0.01
86) Perylene-d12	15.480	264	147284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	466295	110.278	ng	0.01
7) Phenol-d6	6.440	99	597081	107.480	ng	0.00
23) Nitrobenzene-d5	7.369	82	423004	67.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	166009	106.058	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	699392	66.497	ng	0.00
79) Terphenyl-d14	12.945	244	698310	83.769	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	59722	15.222	ng	# 79
25) Isophorone	7.369	82	422994	41.027	ng	# 69
50) Dimethylphthalate	9.851	163	28349	2.601	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	18752	7.948	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	18752	5.812	ng	# 16
67) 4-Bromophenyl-phenylether	10.645	248	11878	3.623	ng	# 1
77) Benzidine	12.945	184	11266	4.862	ng	# 96
92) Benzo(g,h,i)perylene	17.392	276	636	5.310	ng	# 56

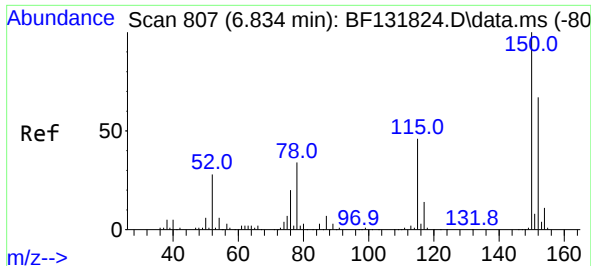
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

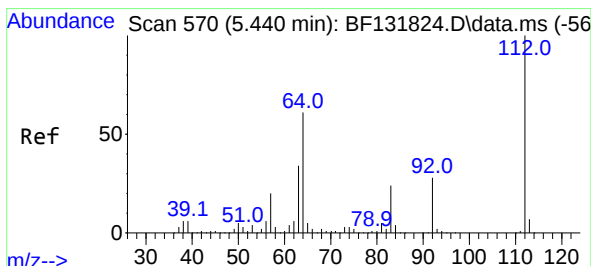
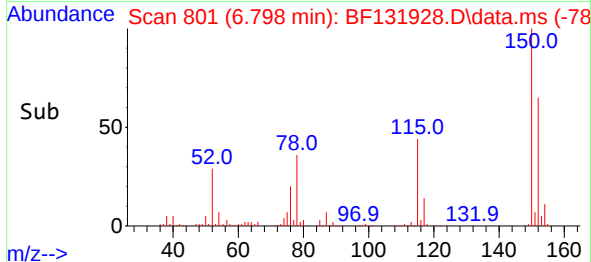
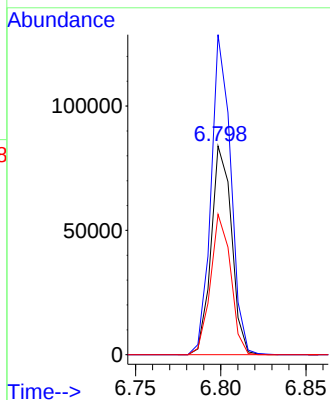
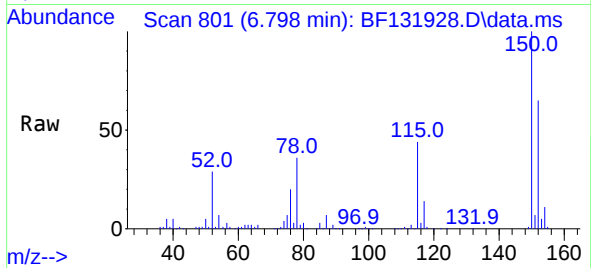




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

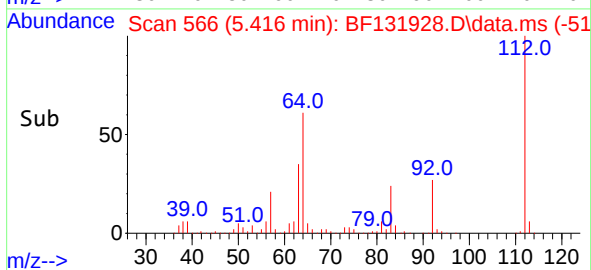
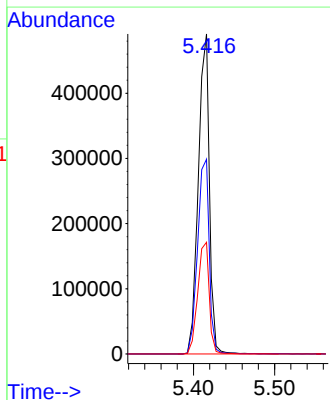
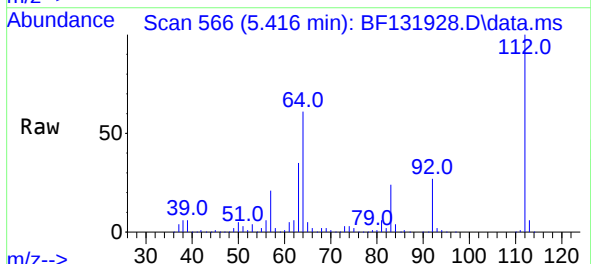
Instrument :
BNA_F
ClientSampleId :
TP-C2

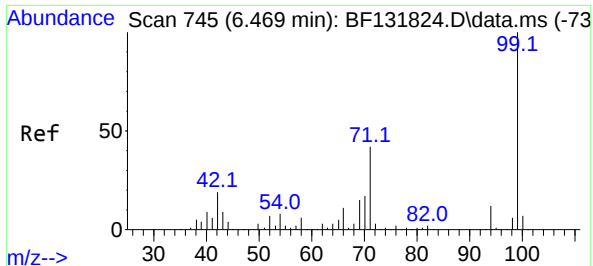
Tgt Ion:152 Resp: 70073
Ion Ratio Lower Upper
152 100
150 153.4 120.0 180.0
115 67.3 55.1 82.7



#5
2-Fluorophenol
Concen: 110.278 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

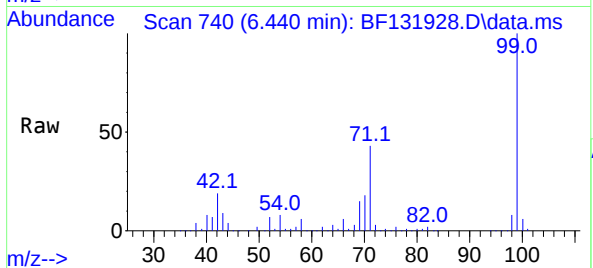
Tgt Ion:112 Resp: 466295
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 34.9 27.5 41.3





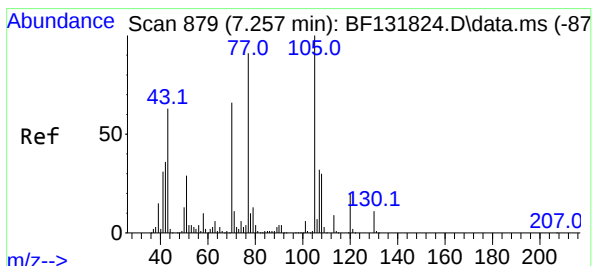
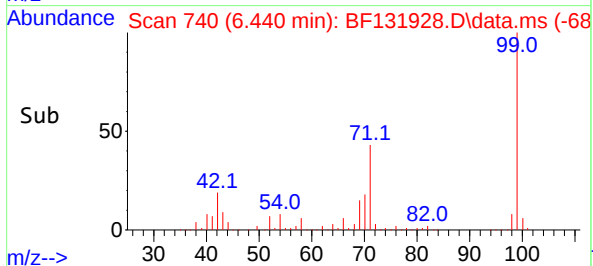
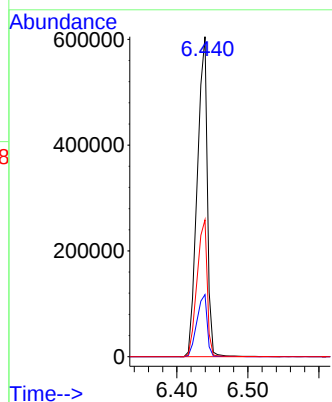
#7
Phenol-d6
Concen: 107.480 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TP-C2



Tgt Ion: 99 Resp: 597081

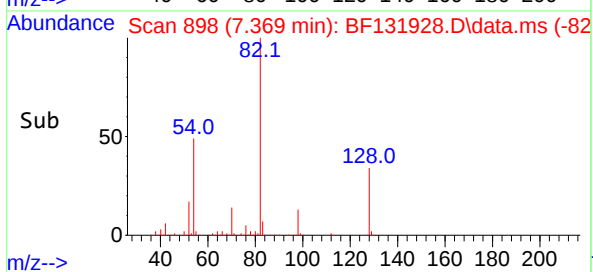
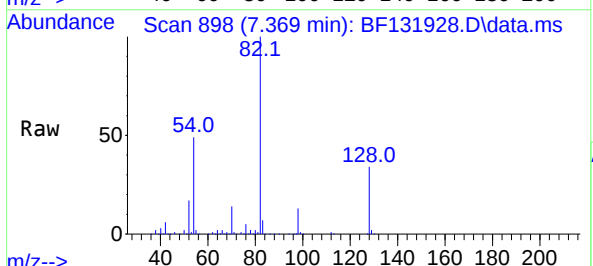
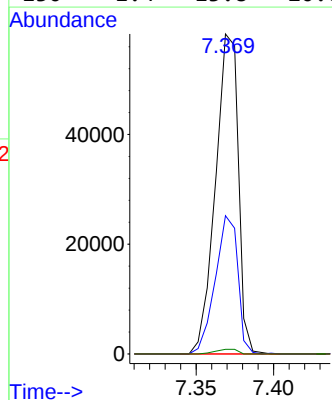
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.3	22.9
71	42.7	33.5	50.3

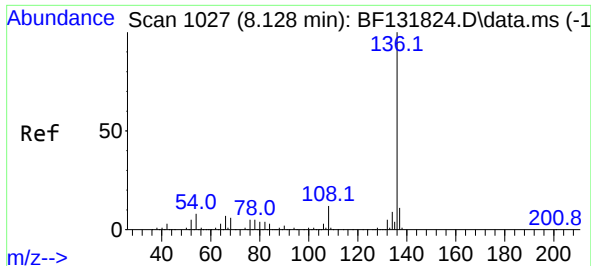


#19
n-Nitroso-di-n-propylamine
Concen: 15.222 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion: 70 Resp: 59722

Ion	Ratio	Lower	Upper
70	100		
42	43.2	43.8	65.6#
101	0.0	7.4	11.0#
130	1.4	13.8	20.6#



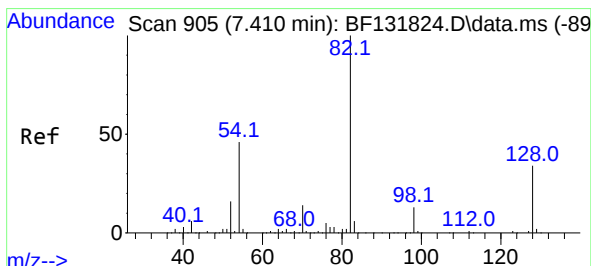
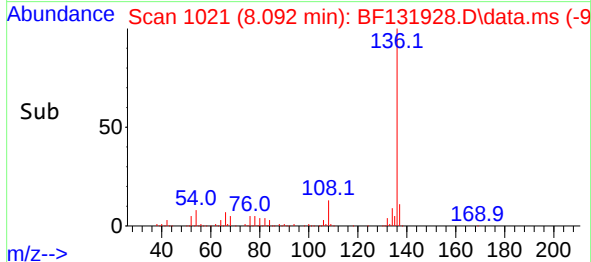
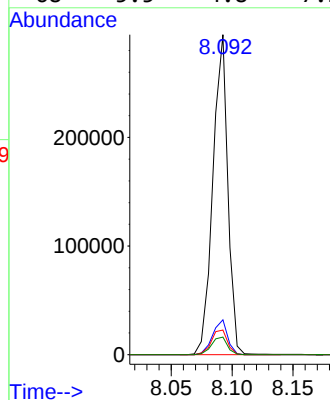
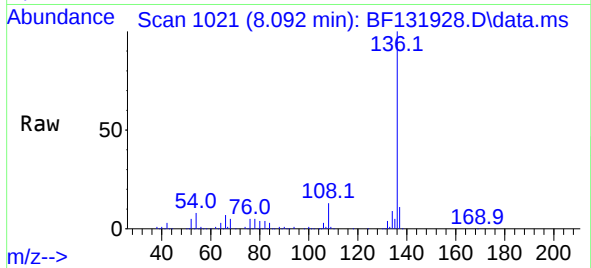


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TP-C2

Tgt Ion:136 Resp: 252060

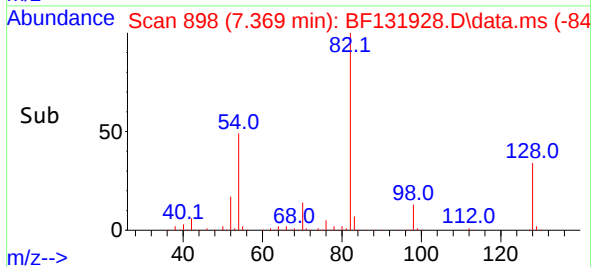
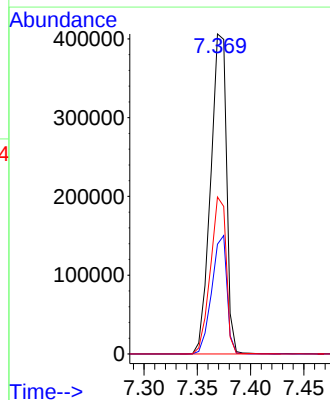
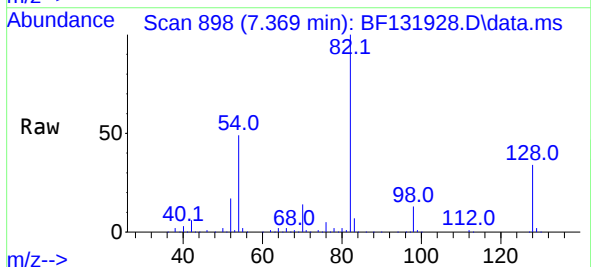
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	6.7	10.1
68	5.5	4.8	7.2

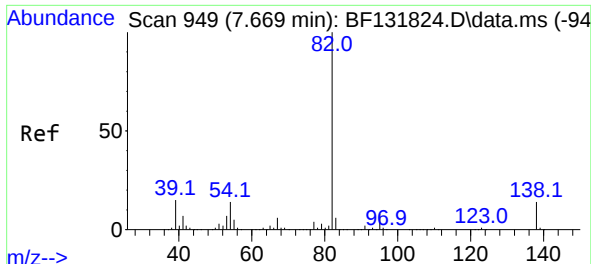


#23
Nitrobenzene-d5
Concen: 67.003 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion: 82 Resp: 423004

Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.1	40.7
54	49.0	37.0	55.6

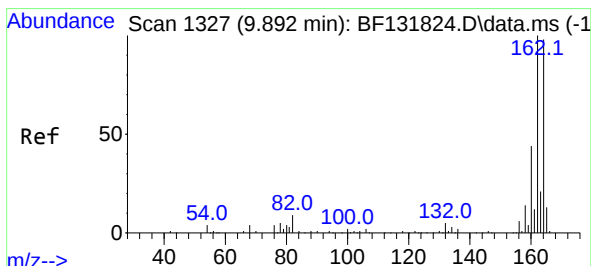
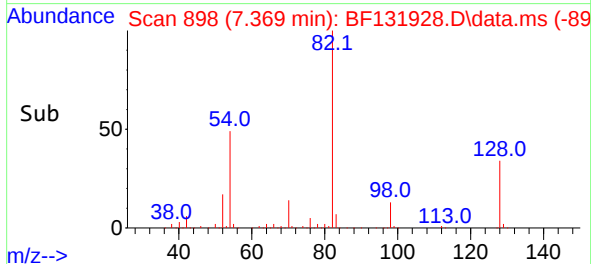
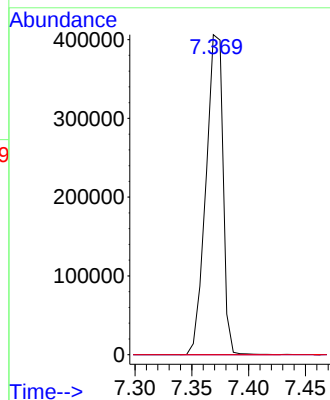
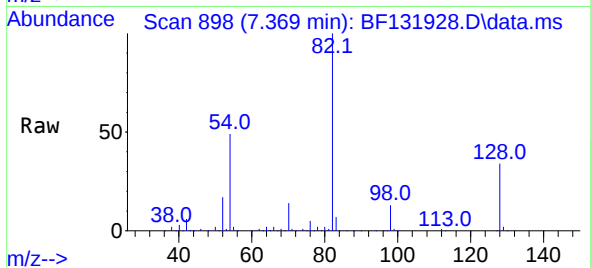




#25
Isophorone
Concen: 41.027 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

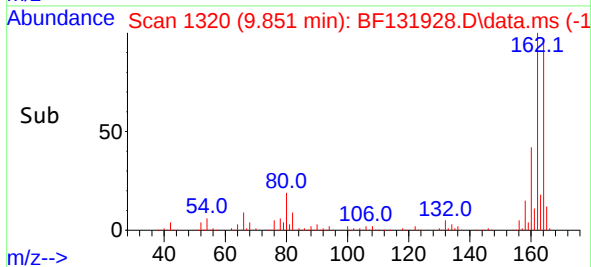
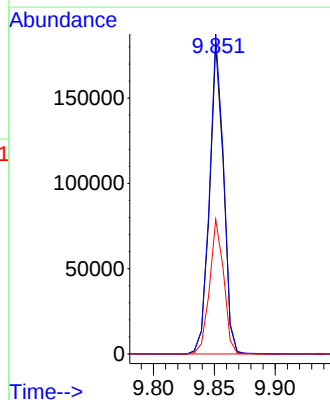
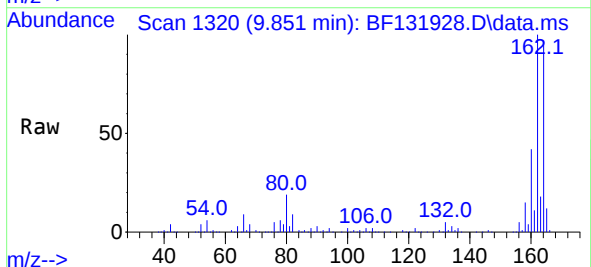
Instrument :
BNA_F
ClientSampleId :
TP-C2

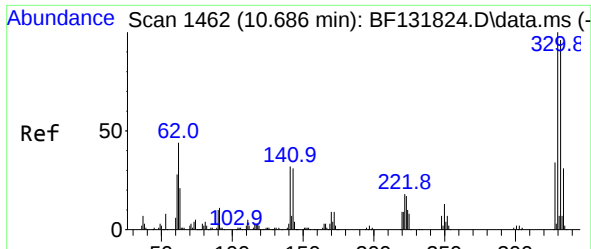
Tgt Ion: 82 Resp: 422994
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

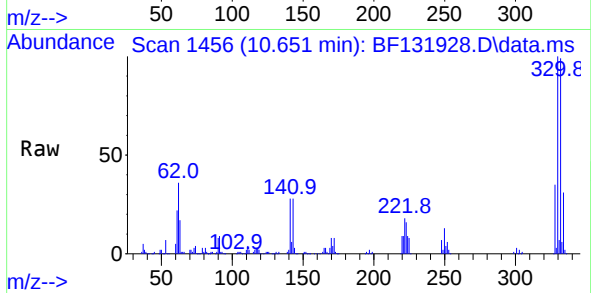
Tgt Ion: 164 Resp: 144064
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 43.5 35.7 53.5



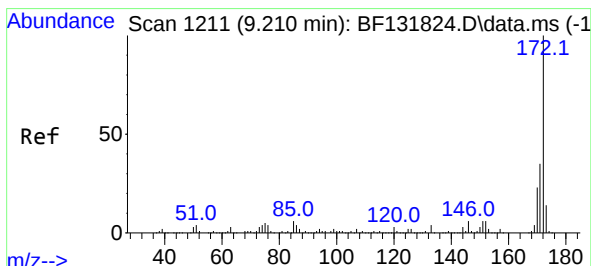
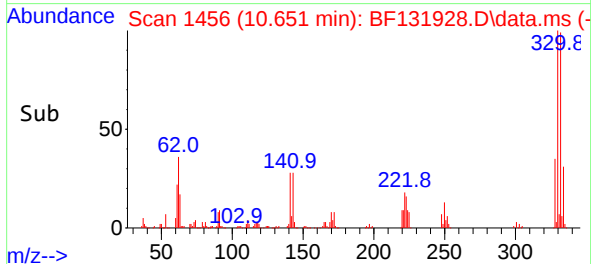
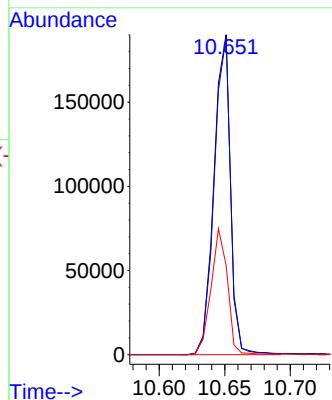


#42
2,4,6-Tribromophenol
Concen: 106.058 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TP-C2

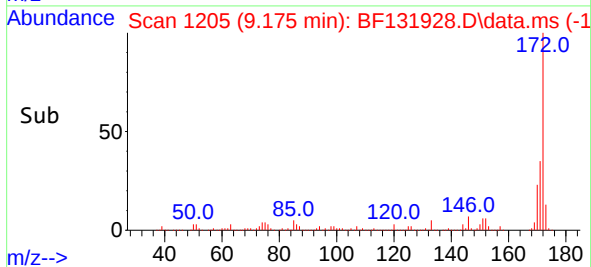
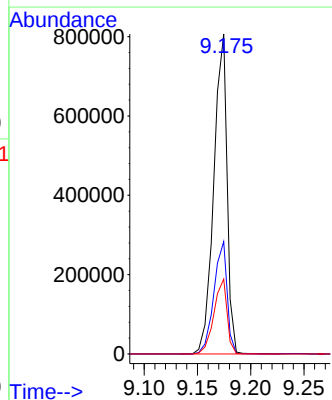
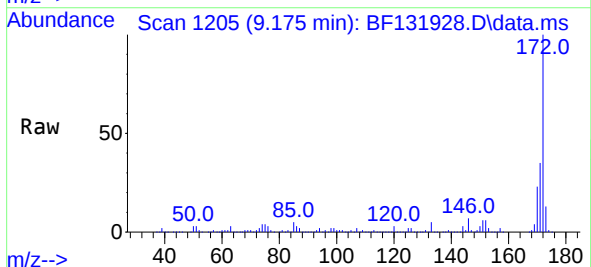


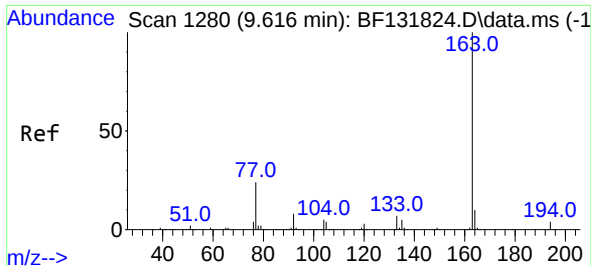
Tgt Ion:330 Resp: 166009
Ion Ratio Lower Upper
330 100
332 98.9 77.0 115.4
141 39.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 66.497 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:172 Resp: 699392
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 18.7 28.1

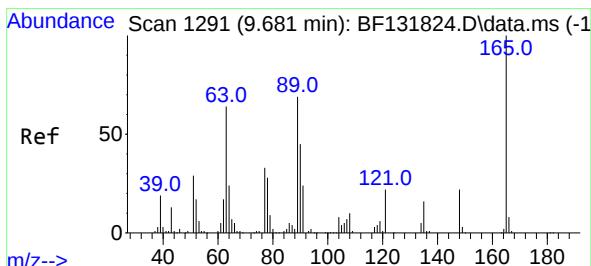
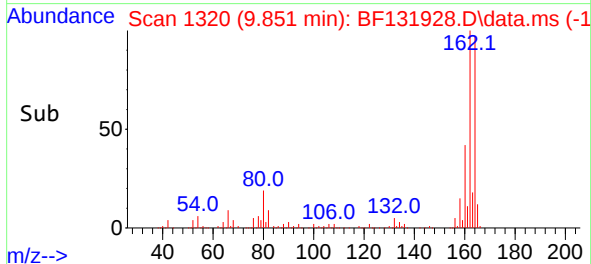
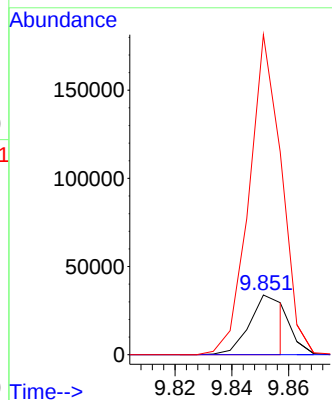
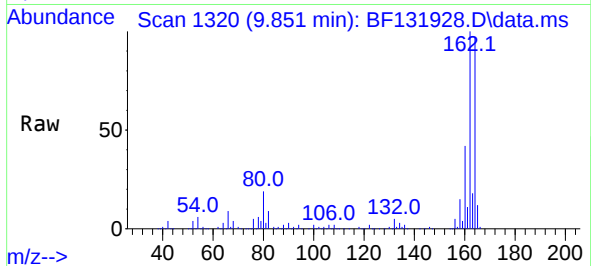




#50
Dimethylphthalate
Concen: 2.601 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

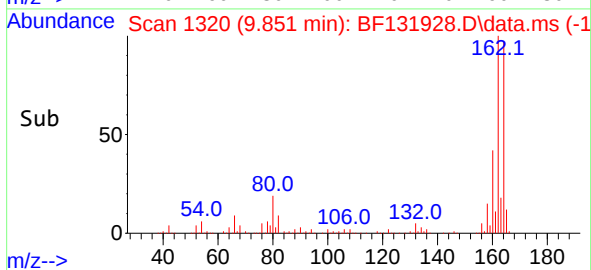
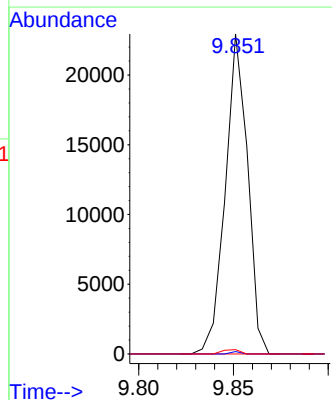
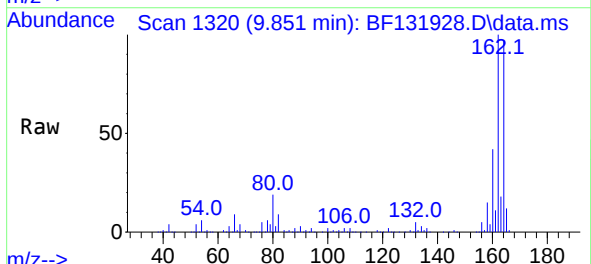
Instrument :
BNA_F
ClientSampleId :
TP-C2

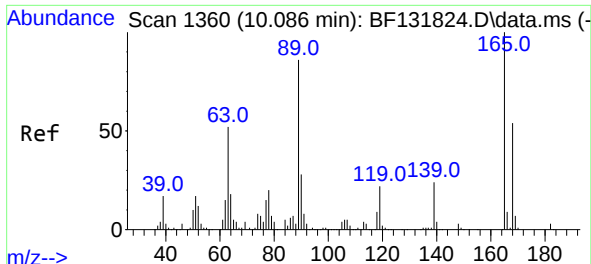
Tgt Ion:163 Resp: 28349
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 536.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.948 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:165 Resp: 18752
Ion Ratio Lower Upper
165 100
63 0.8 55.1 82.7#
89 1.4 55.0 82.4#

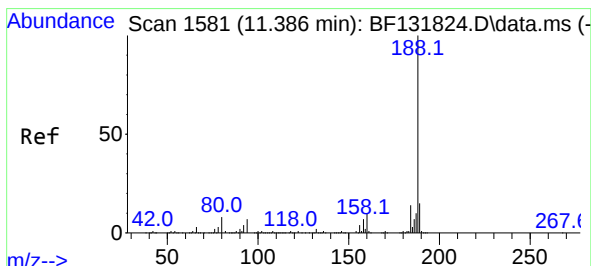
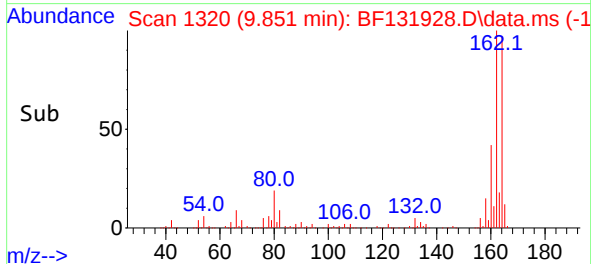
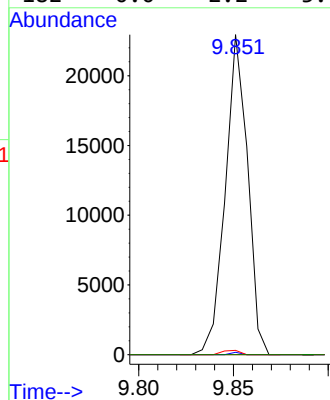
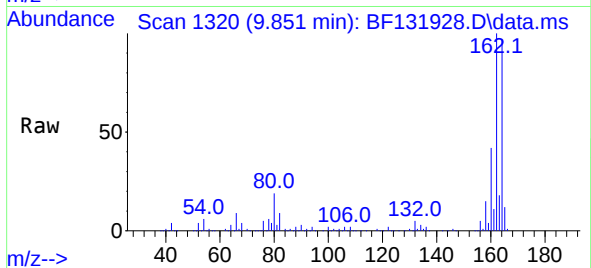




#57
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

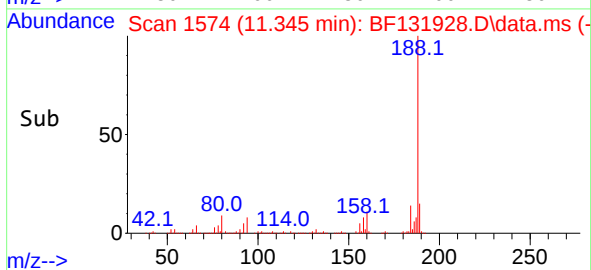
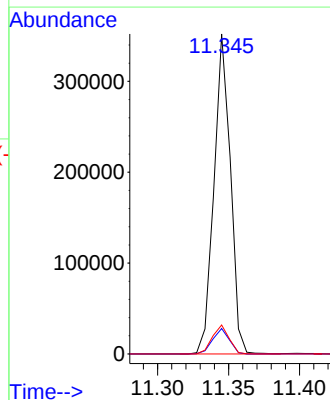
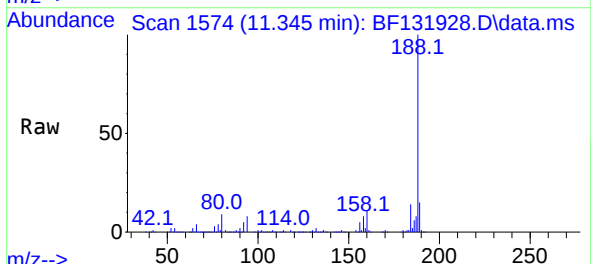
Instrument :
BNA_F
ClientSampleId :
TP-C2

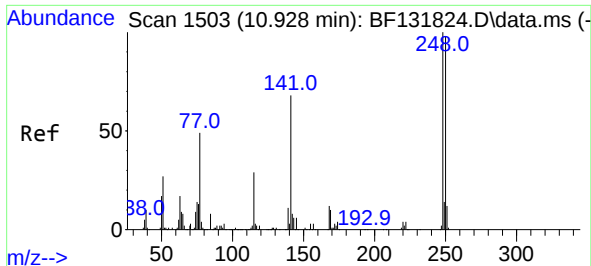
Tgt Ion:165 Resp: 18752
Ion Ratio Lower Upper
165 100
63 0.8 42.1 63.1#
89 1.4 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

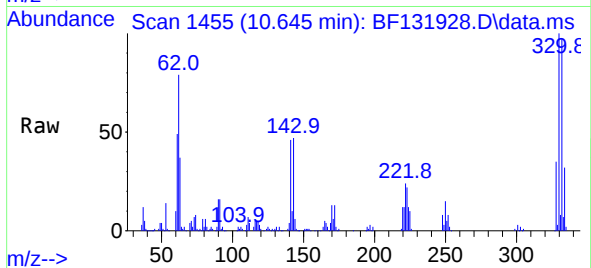
Tgt Ion:188 Resp: 282864
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.6
80 9.1 6.7 10.1



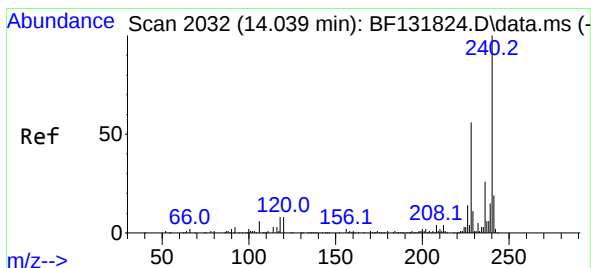
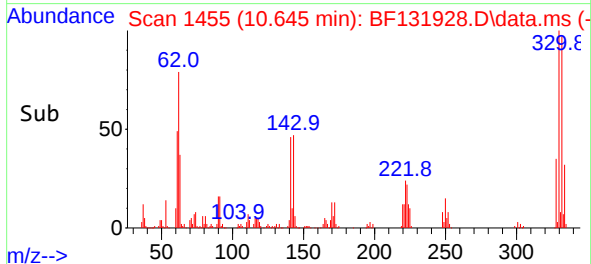
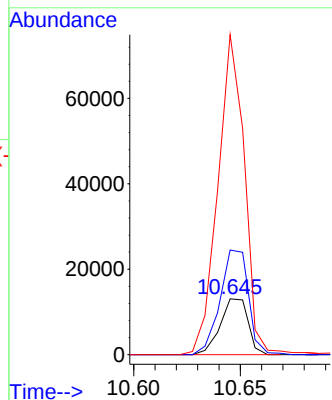


#67
4-Bromophenyl-phenylether
Concen: 3.623 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TP-C2

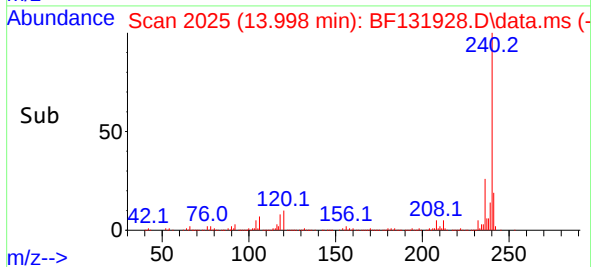
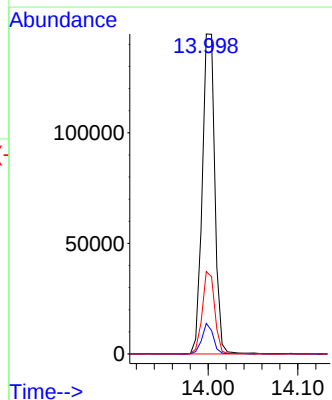
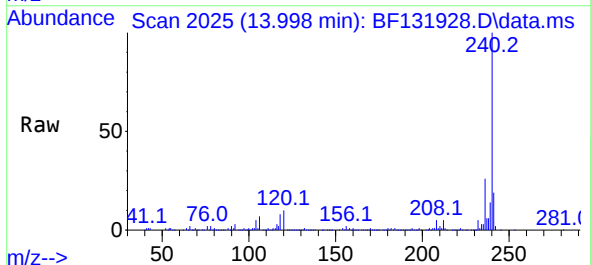


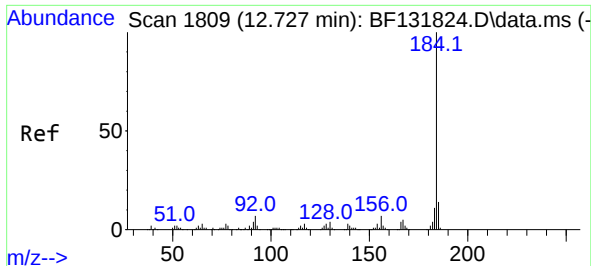
Tgt Ion:248 Resp: 11878
Ion Ratio Lower Upper
248 100
250 187.3 78.0 117.0#
141 572.5 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:240 Resp: 141008
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.8 20.6 31.0

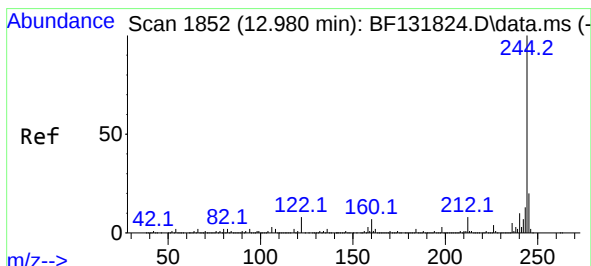
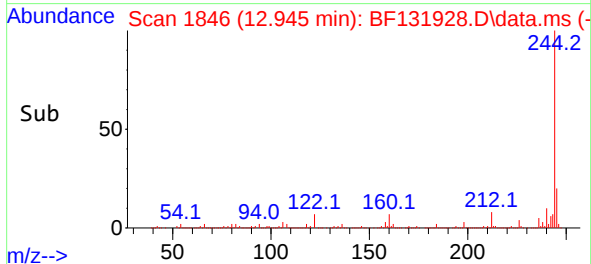
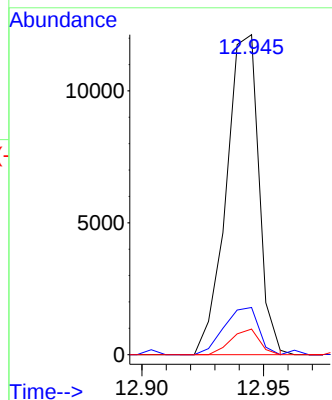
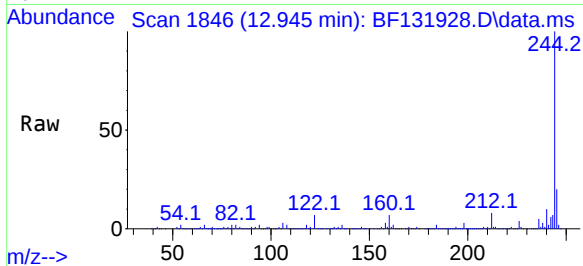




#77
Benzidine
Concen: 4.862 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

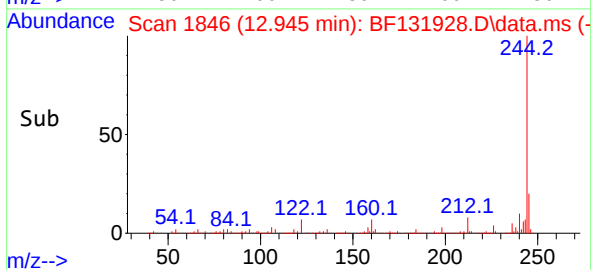
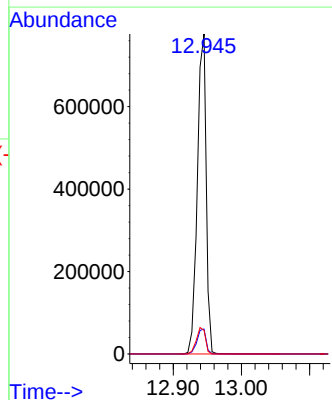
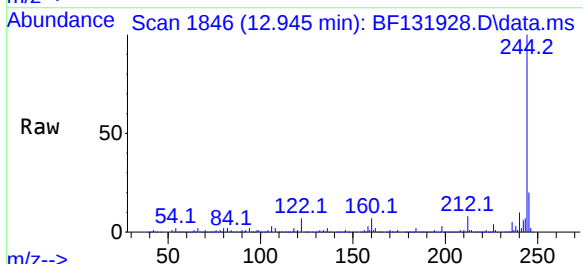
Instrument :
BNA_F
ClientSampleId :
TP-C2

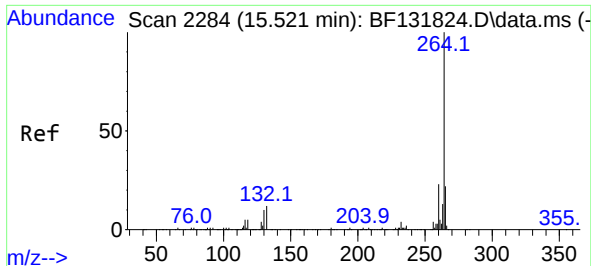
Tgt Ion:184 Resp: 11266
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 8.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 83.769 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:244 Resp: 698310
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 7.4 6.4 9.6

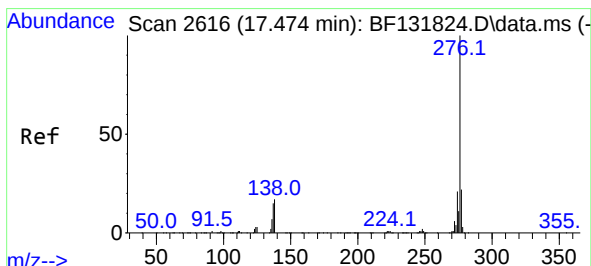
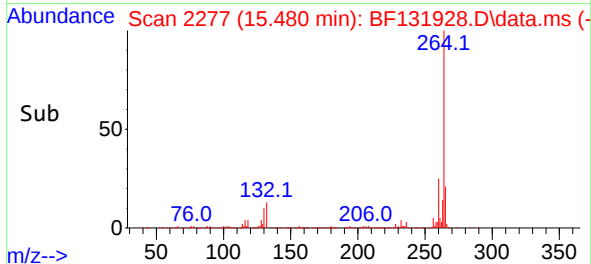
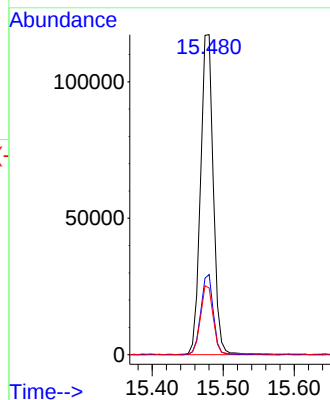
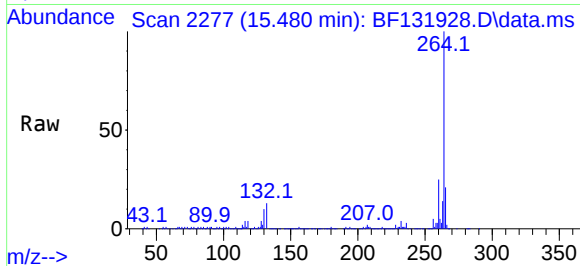




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Instrument :
BNA_F
ClientSampleId :
TP-C2

Tgt Ion:264 Resp: 147284
Ion Ratio Lower Upper
264 100
260 25.1 18.6 28.0
265 20.9 17.4 26.0



#92
Benzo(g,h,i)perylene
Concen: 5.310 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.017 min
Lab File: BF131928.D
Acq: 05 Jan 2023 22:12

Tgt Ion:276 Resp: 636
Ion Ratio Lower Upper
276 100
277 0.0 17.9 26.9#
138 0.0 13.7 20.5#

