

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131920.D
 Acq On : 05 Jan 2023 17:56
 Operator : CG\JU
 Sample : N6244-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

Quant Time: Jan 06 03:12:25 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)

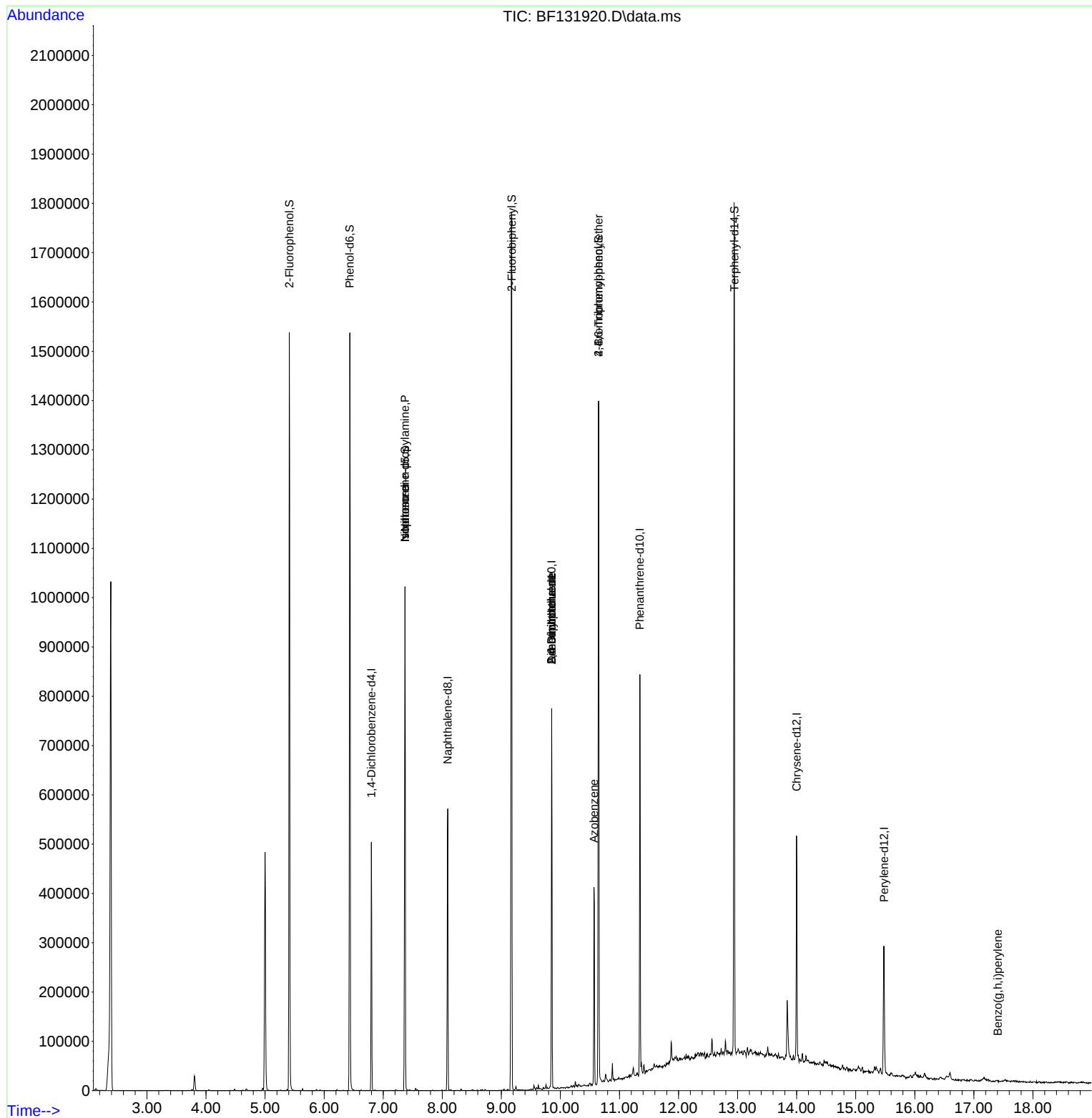
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	64842	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	243660	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	141350	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	270025	20.000	ng	0.00
76) Chrysene-d12	13.998	240	138409	20.000	ng	-0.01
86) Perylene-d12	15.480	264	127280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	375098	95.867	ng	0.00
7) Phenol-d6	6.434	99	490932	95.502	ng	0.00
23) Nitrobenzene-d5	7.369	82	349439	57.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	137130	89.291	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	592291	57.395	ng	0.00
79) Terphenyl-d14	12.945	244	612659	74.874	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	47131	12.982	ng	# 80
25) Isophorone	7.369	82	349436	35.061	ng	# 69
50) Dimethylphthalate	9.851	163	27725	2.593	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	17982	7.768	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	17982	5.680	ng	# 17
63) Azobenzene	10.569	77	75802	6.636	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	9743	3.113	ng	# 1
92) Benzo(g,h,i)perylene	17.404	276	2234	5.501	ng	# 82

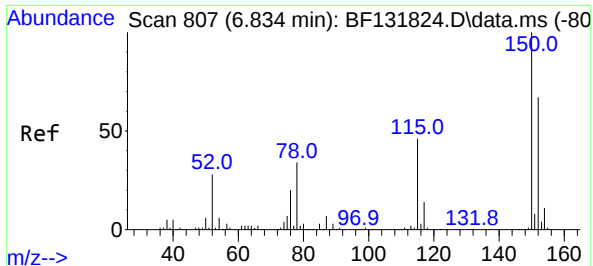
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131920.D
Acq On : 05 Jan 2023 17:56
Operator : CG\JU
Sample : N6244-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-12

Quant Time: Jan 06 03:12:25 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

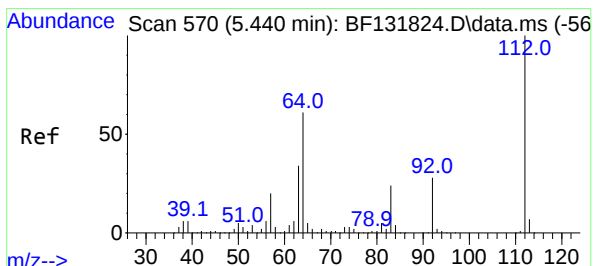
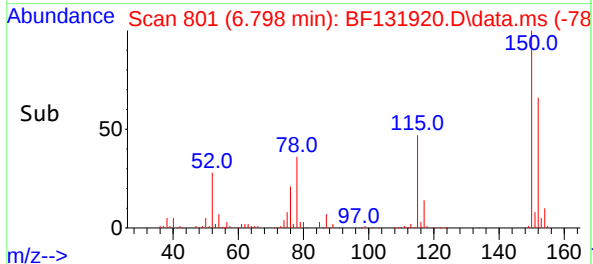
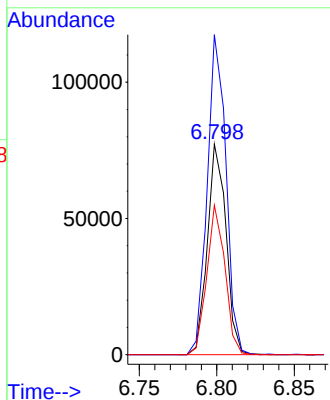
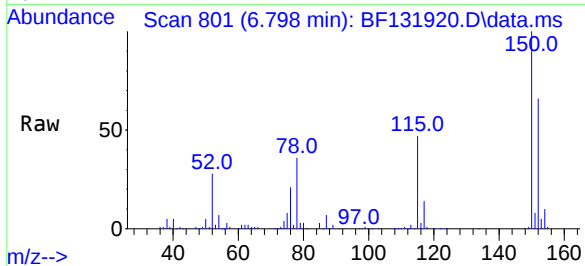




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

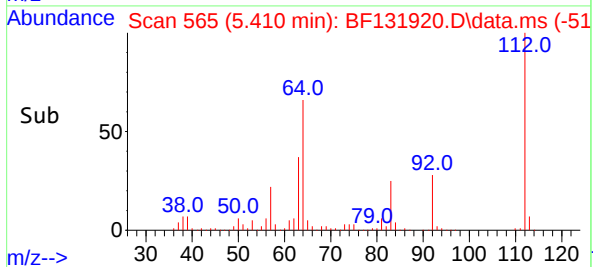
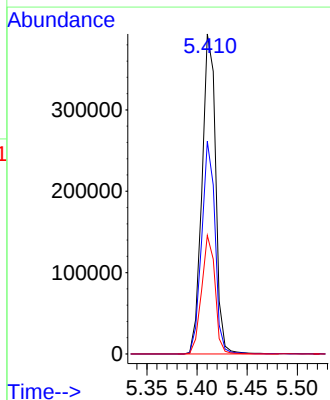
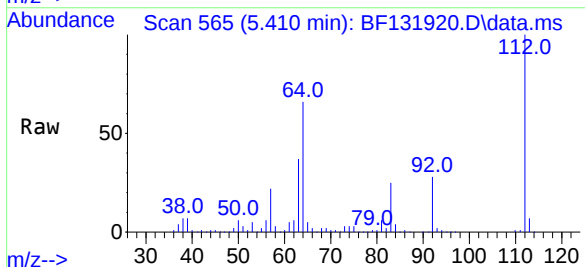
Instrument :
BNA_F
ClientSampleId :
PE-12

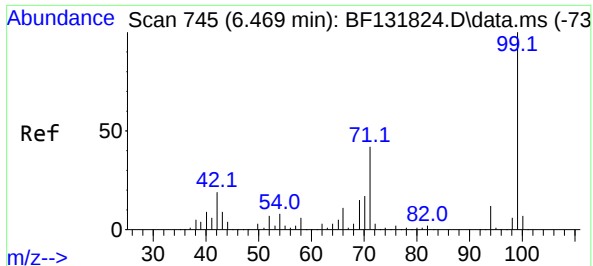
Tgt Ion:152 Resp: 64842
Ion Ratio Lower Upper
152 100
150 152.0 120.0 180.0
115 71.0 55.1 82.7



#5
2-Fluorophenol
Concen: 95.867 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:112 Resp: 375098
Ion Ratio Lower Upper
112 100
64 66.5 49.2 73.8
63 37.0 27.5 41.3

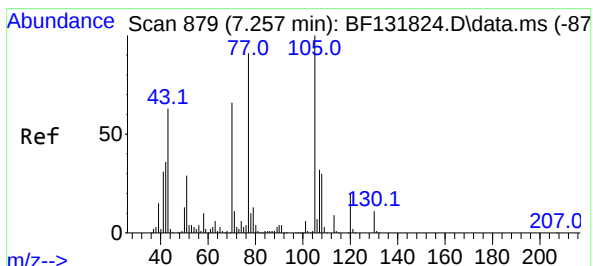
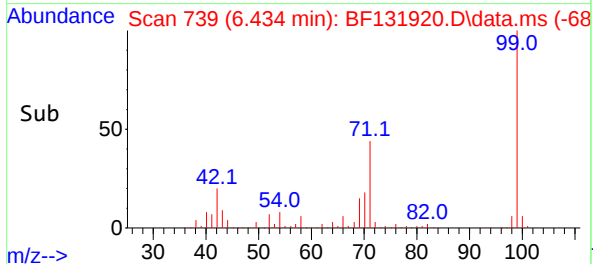
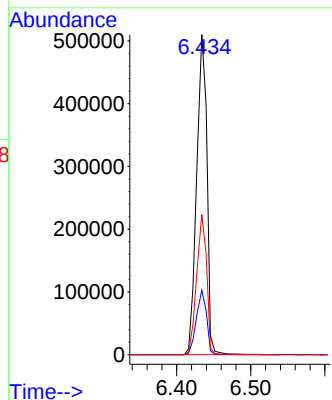
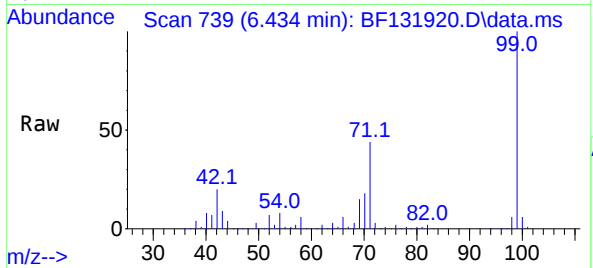




#7
Phenol-d6
Concen: 95.502 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

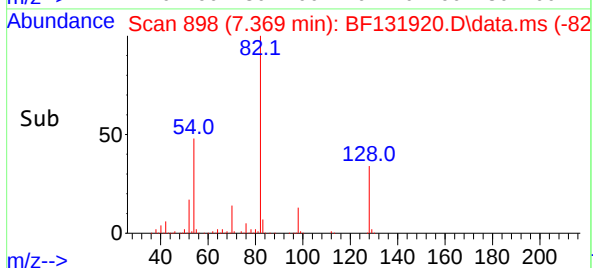
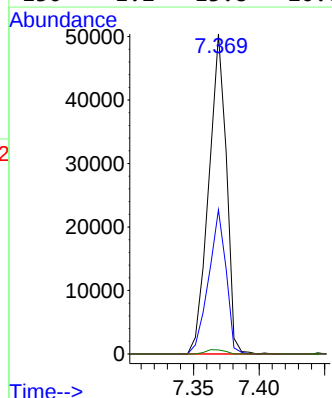
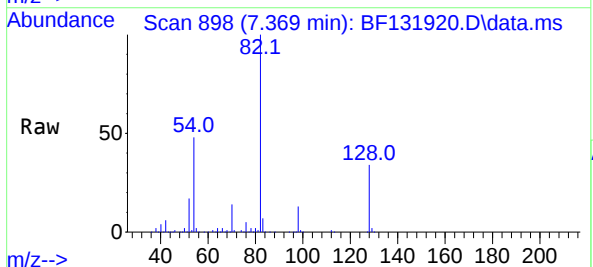
Instrument :
BNA_F
ClientSampleId :
PE-12

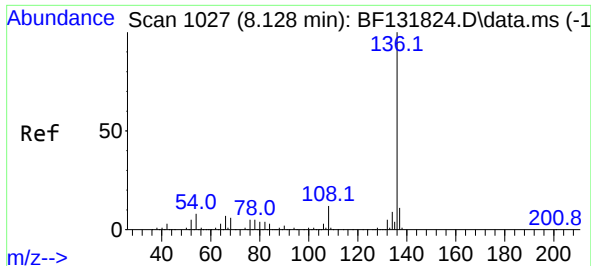
Tgt Ion: 99 Resp: 490932
Ion Ratio Lower Upper
99 100
42 20.1 15.3 22.9
71 43.8 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.982 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion: 70 Resp: 47131
Ion Ratio Lower Upper
70 100
42 45.1 43.8 65.6
101 0.0 7.4 11.0#
130 1.2 13.8 20.6#



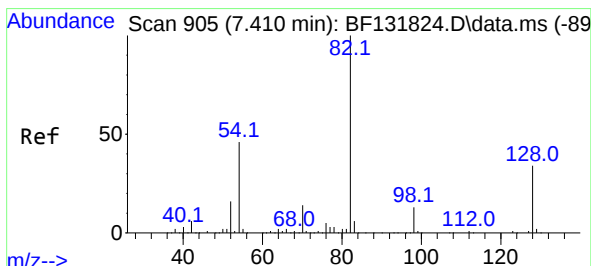
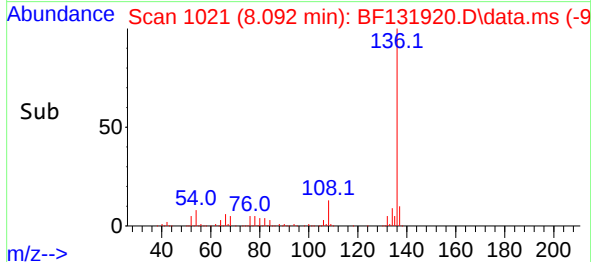
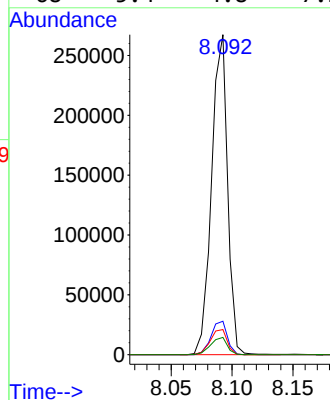
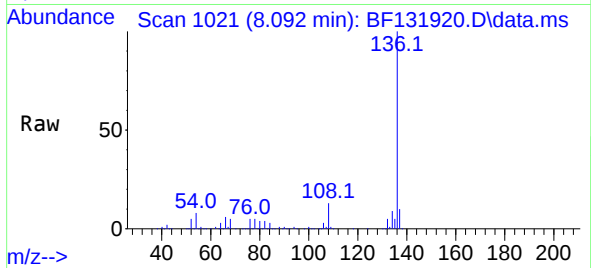


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PE-12

Tgt Ion:136 Resp: 243660

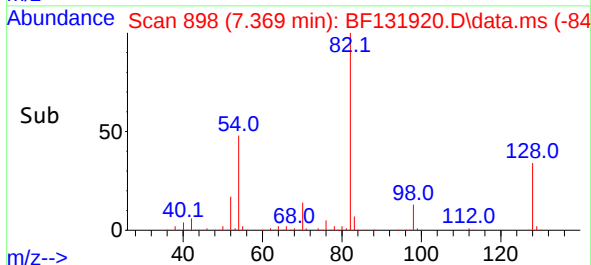
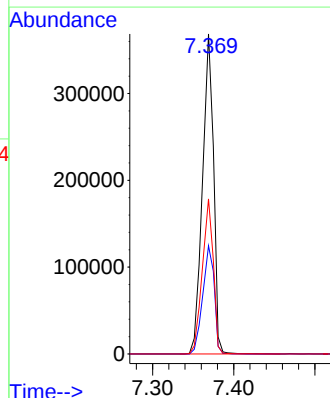
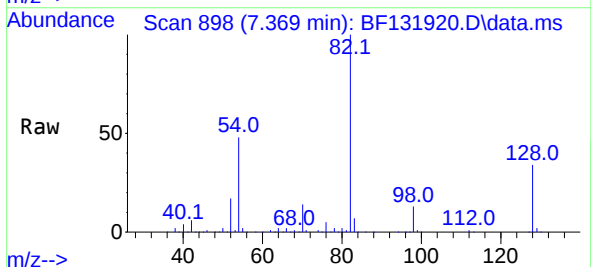
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.9	6.7	10.1
68	5.4	4.8	7.2

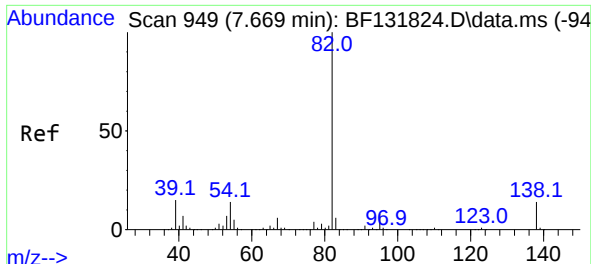


#23
Nitrobenzene-d5
Concen: 57.258 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion: 82 Resp: 349439

Ion	Ratio	Lower	Upper
82	100		
128	33.8	27.1	40.7
54	48.4	37.0	55.6

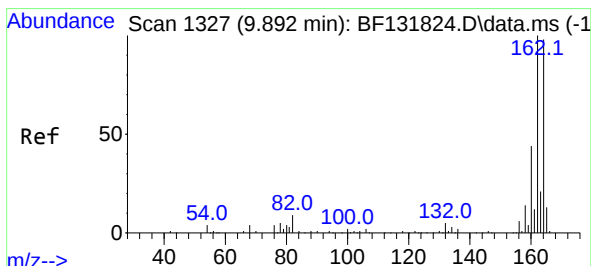
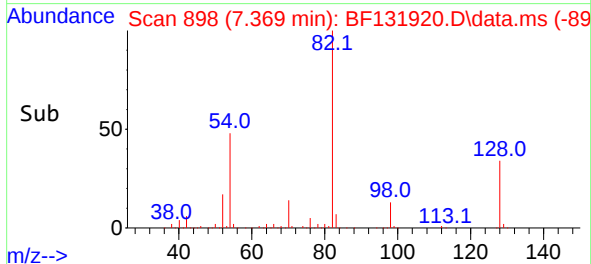
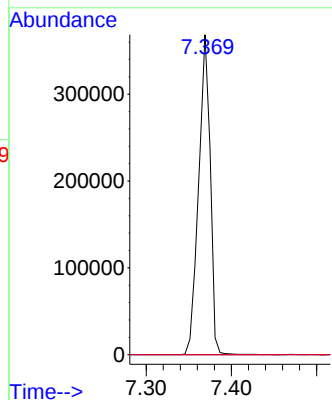
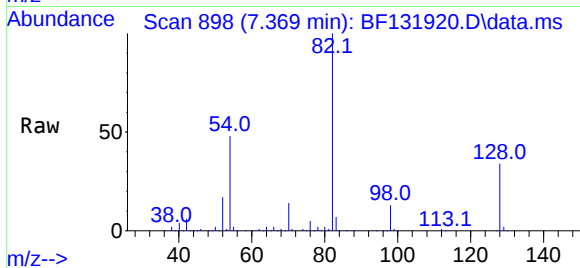




#25
Isophorone
Concen: 35.061 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

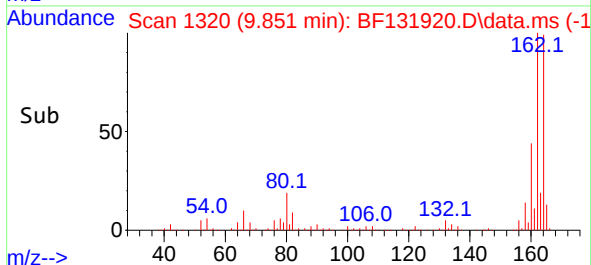
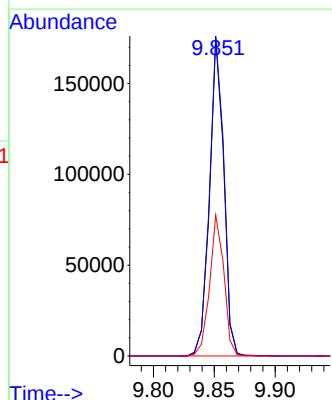
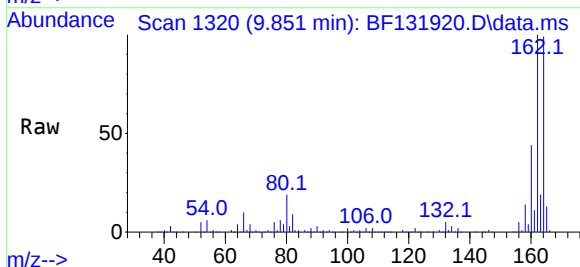
Instrument :
BNA_F
ClientSampleId :
PE-12

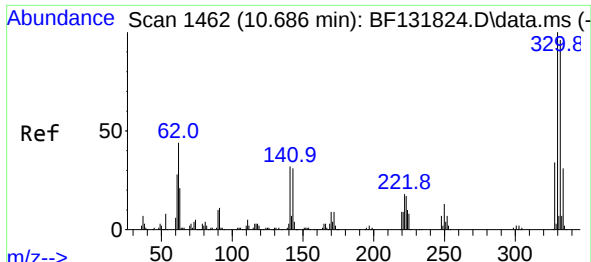
Tgt Ion: 82 Resp: 349436
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:164 Resp: 141350
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: 89.291 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF131920.D

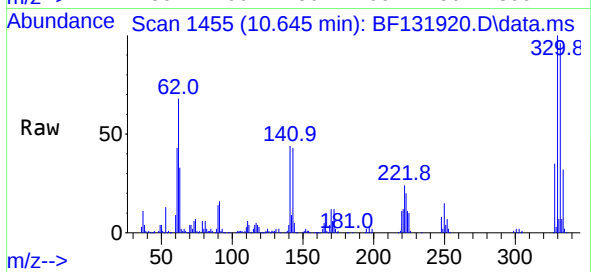
Acq: 05 Jan 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PE-12



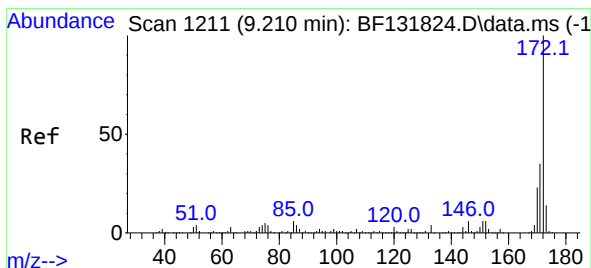
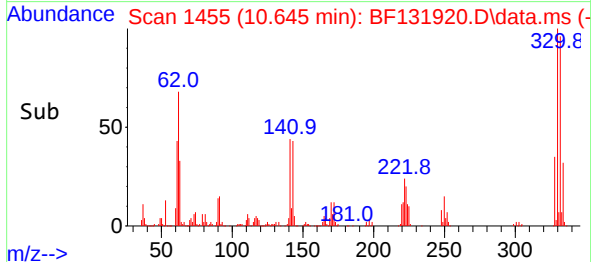
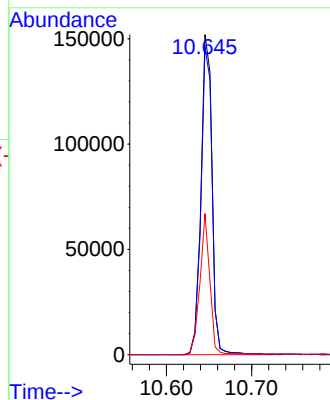
Tgt Ion:330 Resp: 137130

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 40.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.395 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

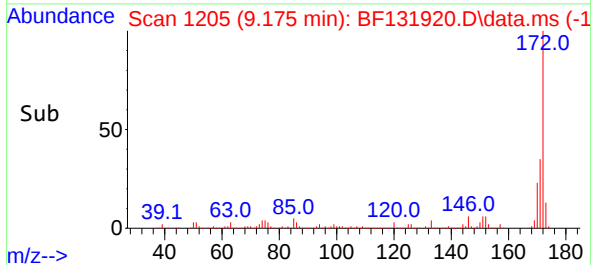
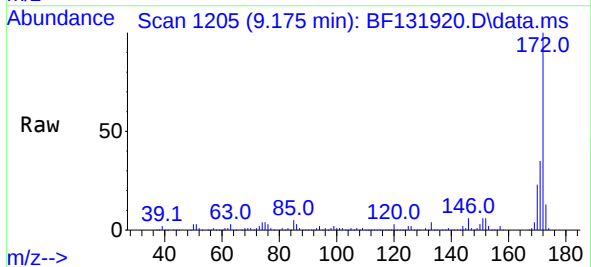
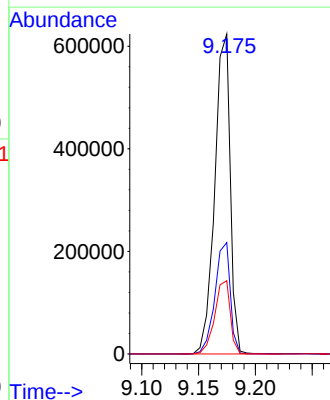
Tgt Ion:172 Resp: 592291

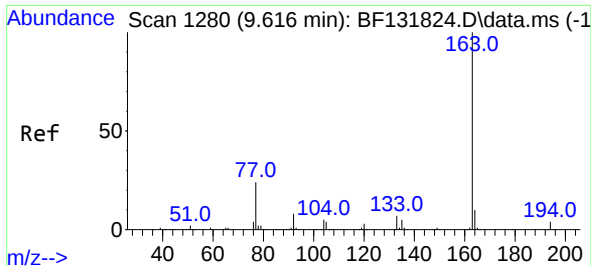
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.9 18.7 28.1

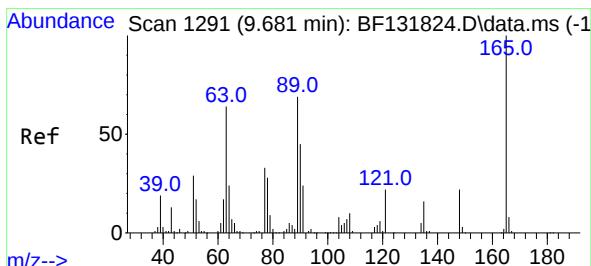
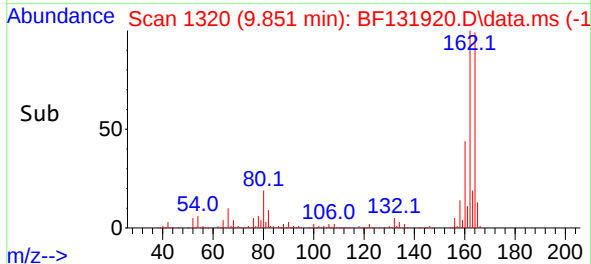
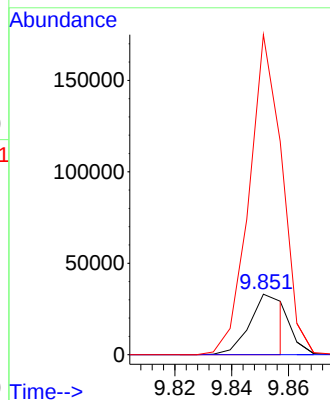
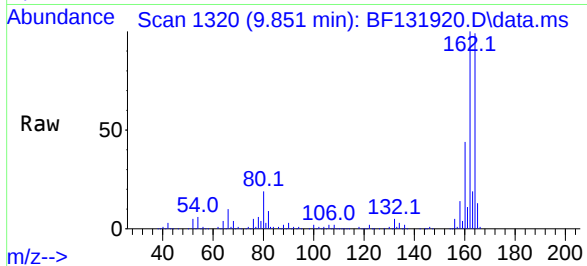




#50
Dimethylphthalate
Concen: 2.593 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

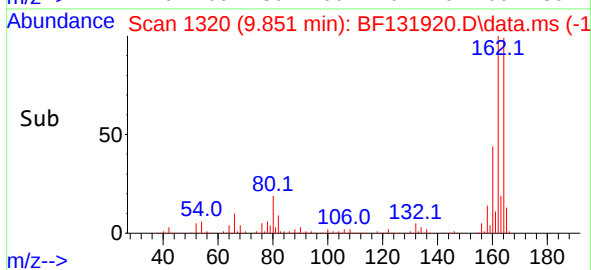
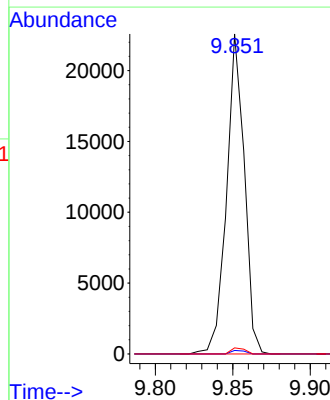
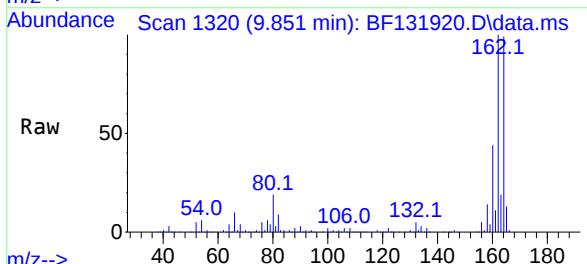
Instrument :
BNA_F
ClientSampleId :
PE-12

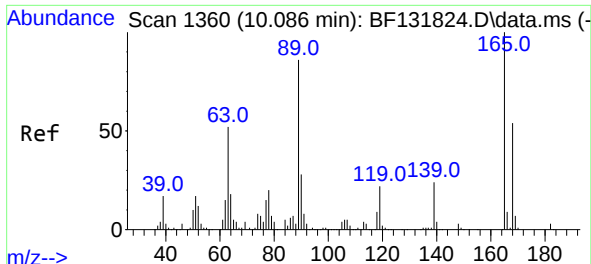
Tgt Ion:163 Resp: 27725
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 529.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.768 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:165 Resp: 17982
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.9 55.0 82.4#



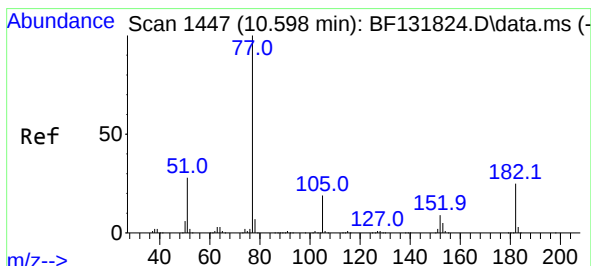
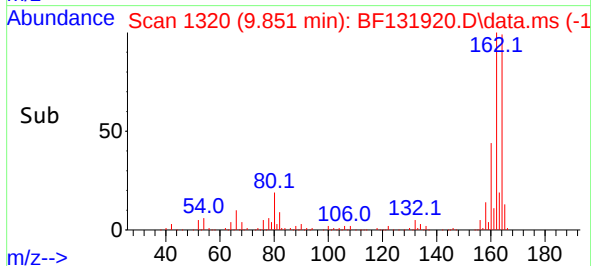
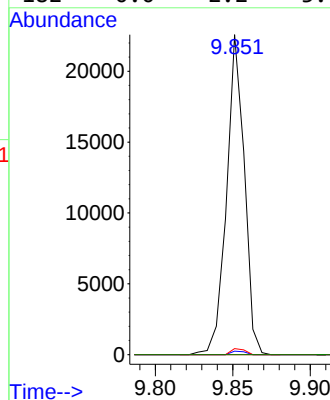
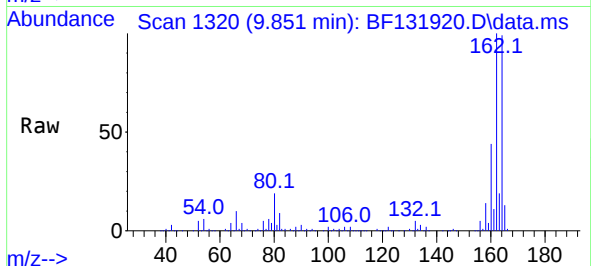


#57
2,4-Dinitrotoluene
Concen: 5.680 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PE-12

Tgt Ion:165 Resp: 17982

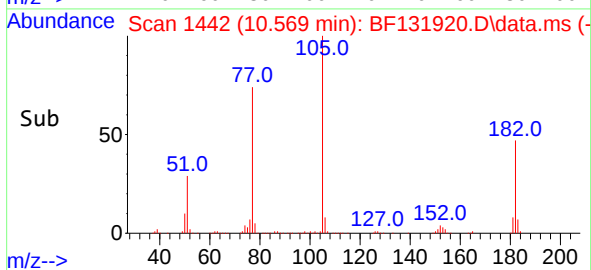
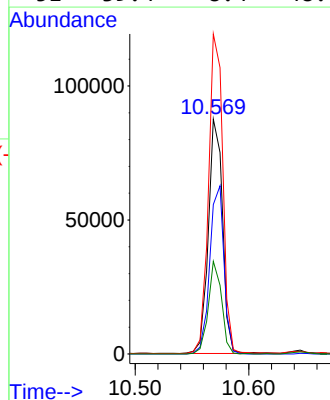
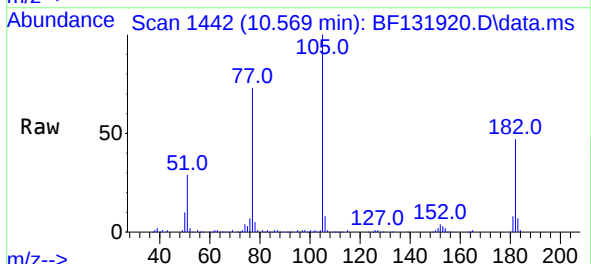
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.1	63.1#
89	1.9	69.1	103.7#
182	0.0	2.2	3.4#

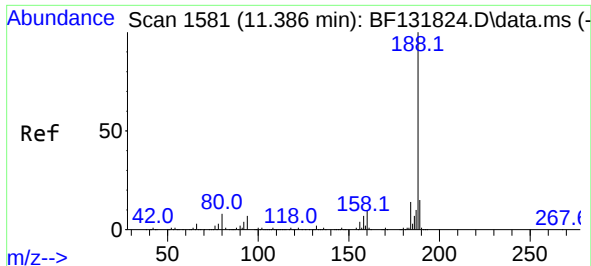


#63
Azobenzene
Concen: 6.636 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion: 77 Resp: 75802

Ion	Ratio	Lower	Upper
77	100		
182	63.6	5.0	45.0#
105	136.2	0.0	39.4#
51	39.4	8.4	48.4

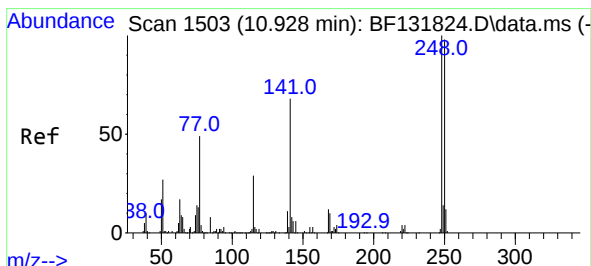
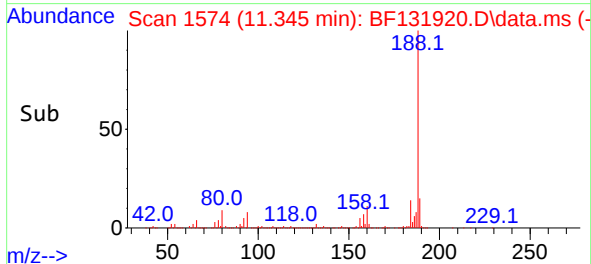
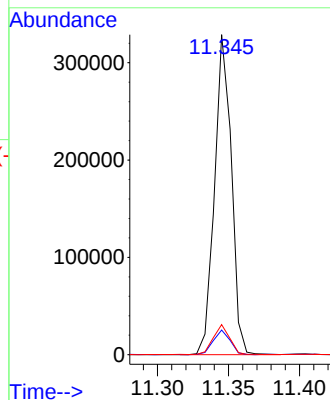
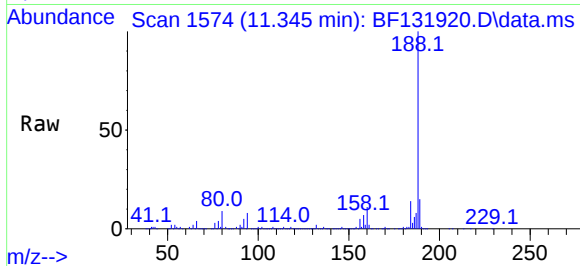




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

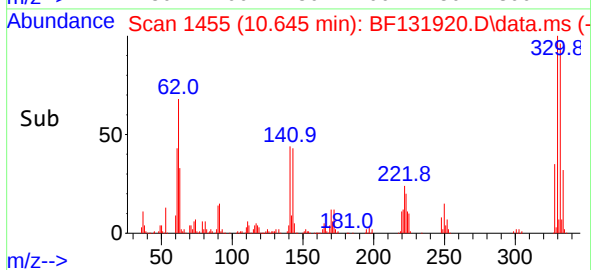
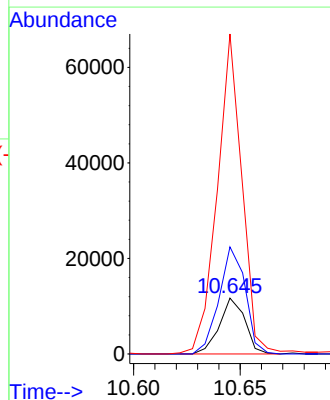
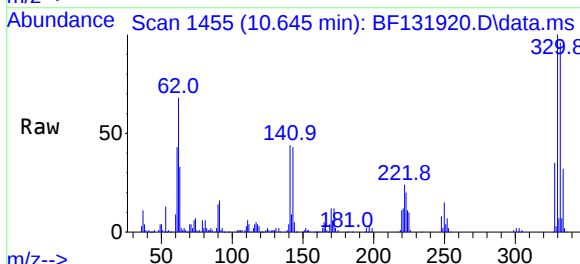
Instrument :
BNA_F
ClientSampleId :
PE-12

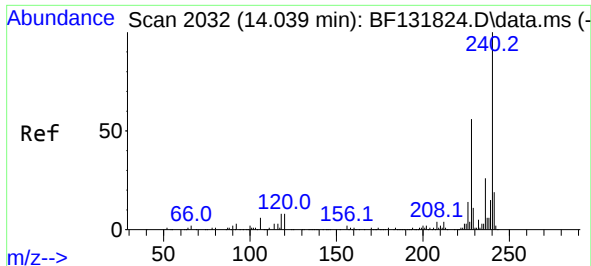
Tgt Ion:188 Resp: 270025
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.4 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:248 Resp: 9743
Ion Ratio Lower Upper
248 100
250 191.5 78.0 117.0#
141 572.6 54.8 82.2#

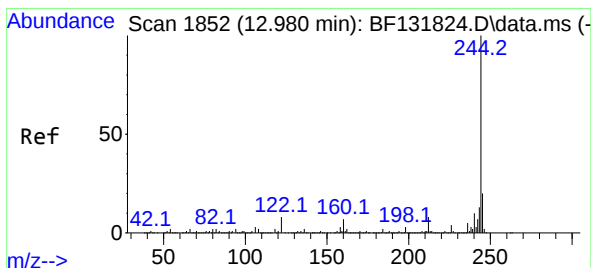
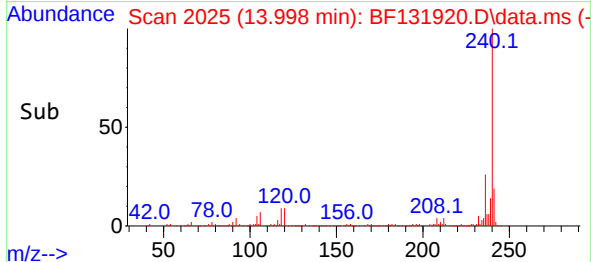
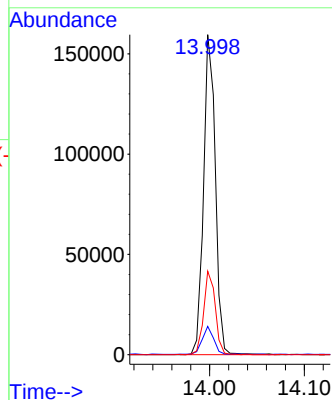
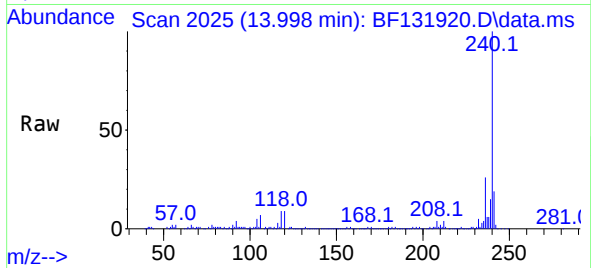




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

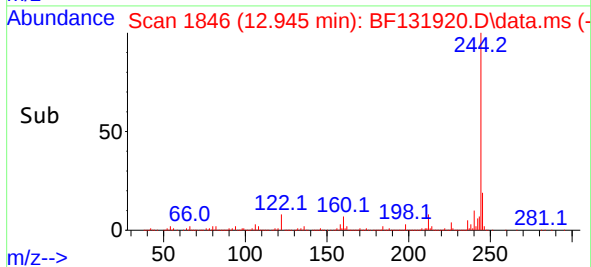
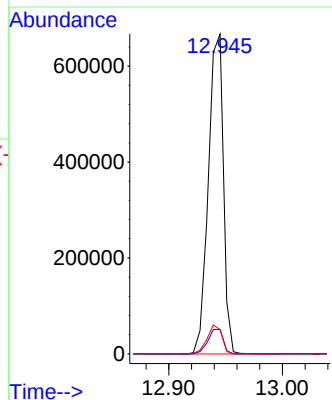
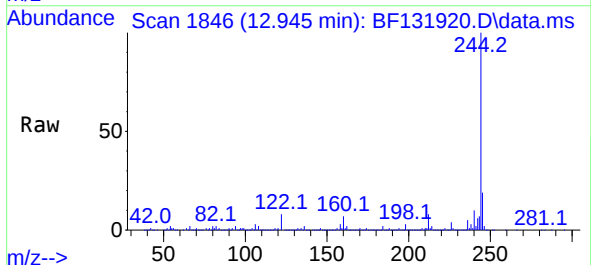
Instrument :
BNA_F
ClientSampleId :
PE-12

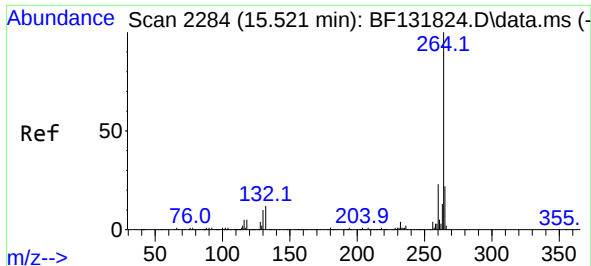
Tgt Ion:240 Resp: 138409
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.1 20.6 31.0



#79
Terphenyl-d14
Concen: 74.874 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:244 Resp: 612659
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 7.6 6.4 9.6

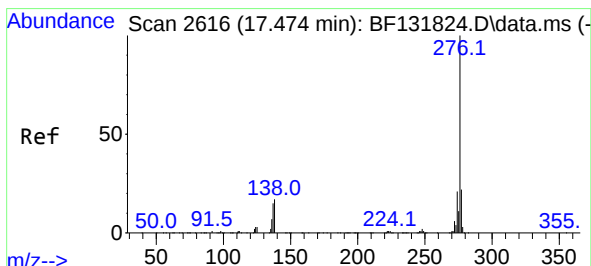
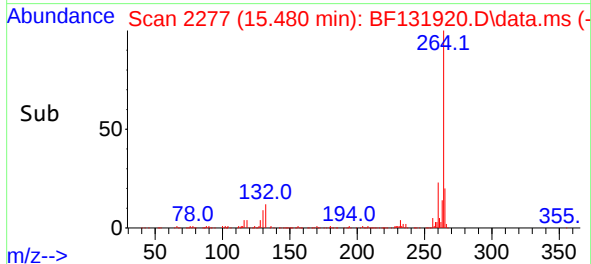
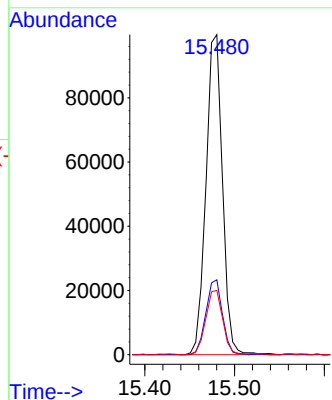
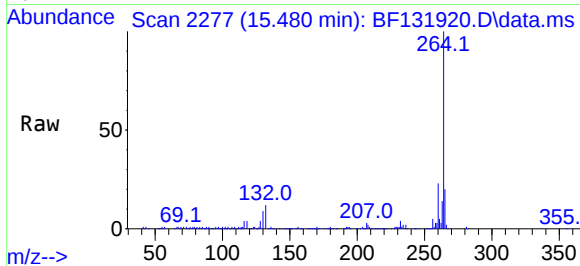




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Instrument :
BNA_F
ClientSampleId :
PE-12

Tgt Ion:264 Resp: 127280
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.1 17.4 26.0



#92
Benzo(g,h,i)perylene
Concen: 5.501 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:276 Resp: 2234
Ion Ratio Lower Upper
276 100
277 33.5 17.9 26.9#
138 21.9 13.7 20.5#

