

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131917.D
 Acq On : 05 Jan 2023 16:17
 Operator : CG\JU
 Sample : 01029-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

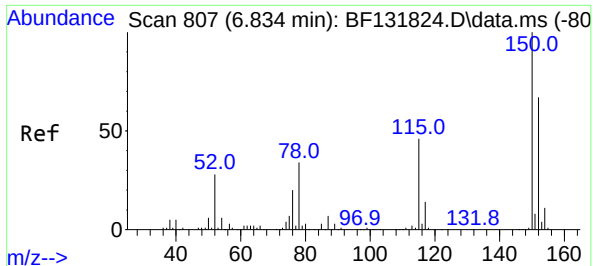
Instrument :
 BNA_F
 ClientSampleId :
 TP-205

Quant Time: Jan 06 03:11:04 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	6.804	152	65553	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	235952	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	140512	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	270841	20.000	ng	0.00
76) Chrysene-d12	13.998	240	136801	20.000	ng	-0.01
86) Perylene-d12	15.474	264	142152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	549324	138.873	ng	0.01
7) Phenol-d6	6.439	99	716248	137.821	ng	0.00
23) Nitrobenzene-d5	7.375	82	509547	86.221	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	215812	141.361	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	879292	85.715	ng	0.00
79) Terphenyl-d14	12.945	244	925210	114.400	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	72741	19.819	ng	# 79
25) Isophorone	7.375	82	509541	52.796	ng	# 69
50) Dimethylphthalate	9.851	163	26011	2.447	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	17827	7.747	ng	# 17
57) 2,4-Dinitrotoluene	9.851	165	17827	5.665	ng	# 17
63) Azobenzene	10.575	77	121959	10.741	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	15352	4.891	ng	# 1
77) Benzidine	12.945	184	14555	6.474	ng	# 93
92) Benzo(g,h,i)perylene	17.398	276	1869	5.438	ng	# 90

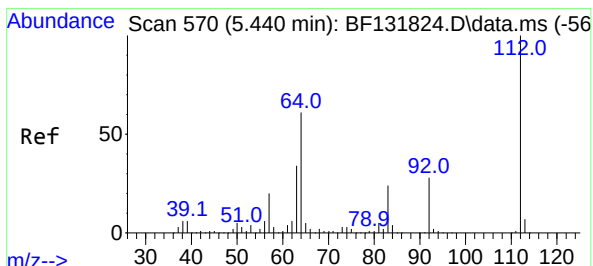
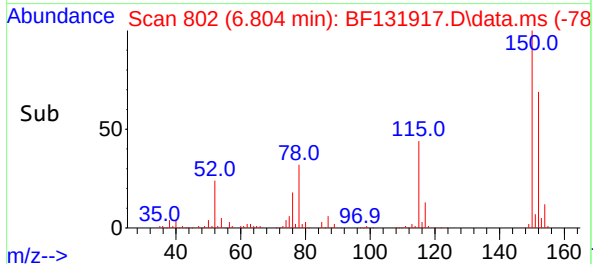
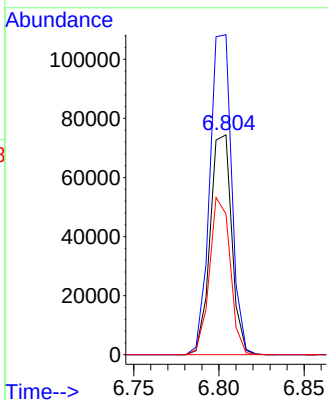
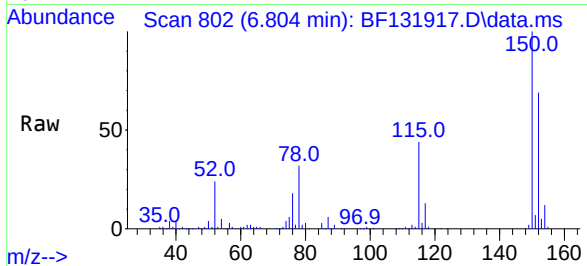
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

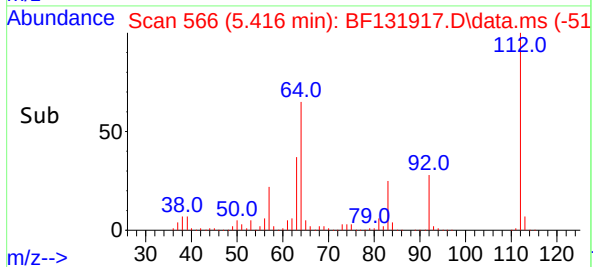
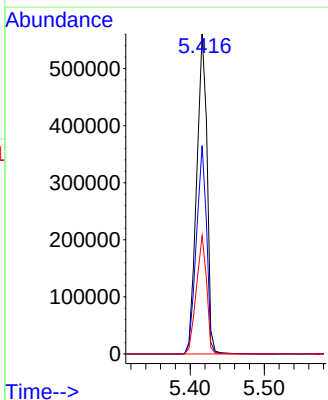
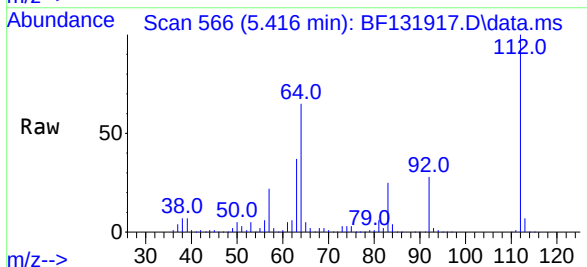
Instrument :
BNA_F
ClientSampleId :
TP-205

Tgt Ion:152 Resp: 65553
Ion Ratio Lower Upper
152 100
150 145.6 120.0 180.0
115 64.0 55.1 82.7

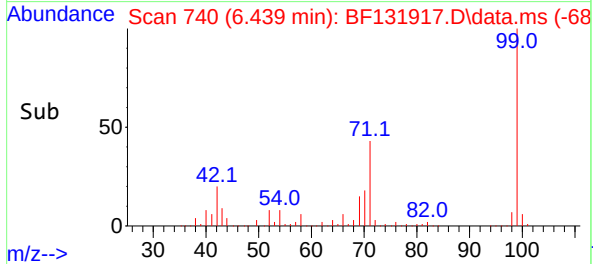
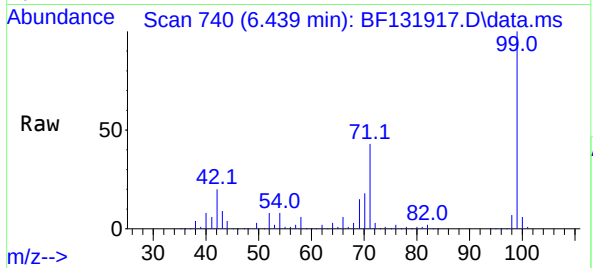
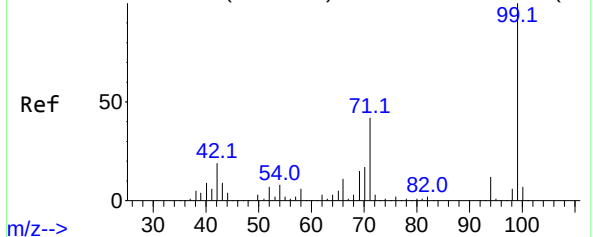


#5
2-Fluorophenol
Concen: 138.873 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:112 Resp: 549324
Ion Ratio Lower Upper
112 100
64 65.1 49.2 73.8
63 36.9 27.5 41.3



Abundance Scan 745 (6.469 min): BF131824.D\data.ms (-73



#7

Phenol-d6

Concen: 137.821 ng

RT: 6.439 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

Instrument :

BNA_F

ClientSampleId :

TP-205

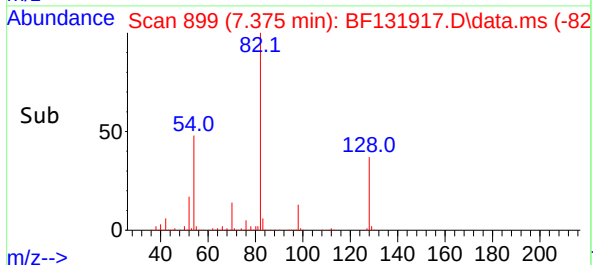
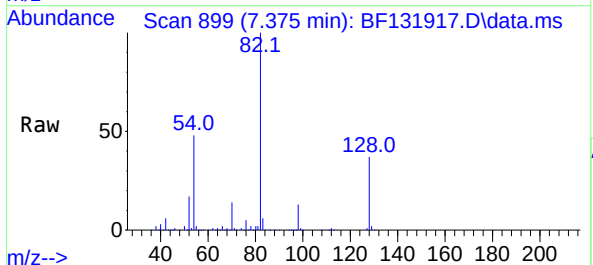
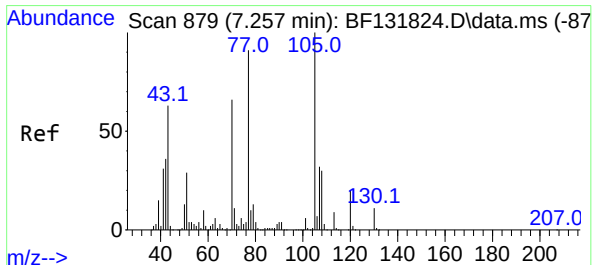
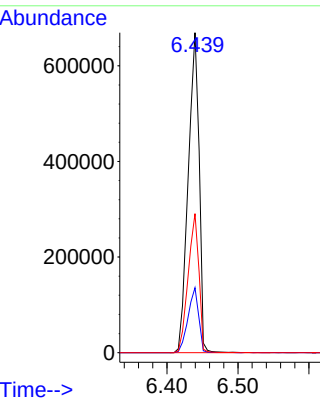
Tgt Ion: 99 Resp: 716248

Ion Ratio Lower Upper

99 100

42 20.3 15.3 22.9

71 43.4 33.5 50.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.819 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.147 min

Lab File: BF131917.D

Acq: 05 Jan 2023 16:17

Tgt Ion: 70 Resp: 72741

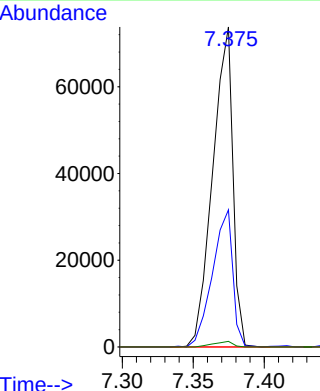
Ion Ratio Lower Upper

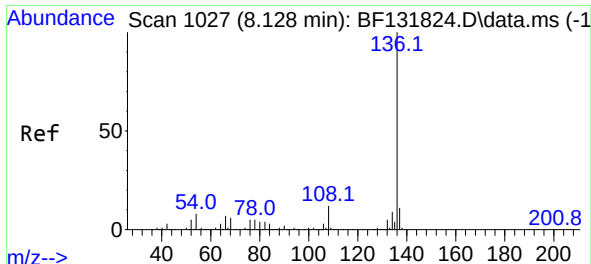
70 100

42 42.8 43.8 65.6#

101 0.0 7.4 11.0#

130 1.8 13.8 20.6#



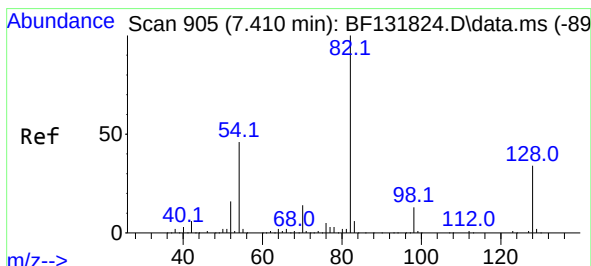
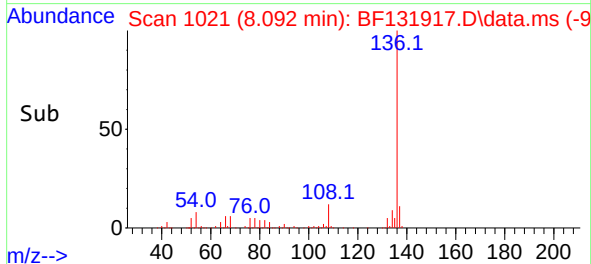
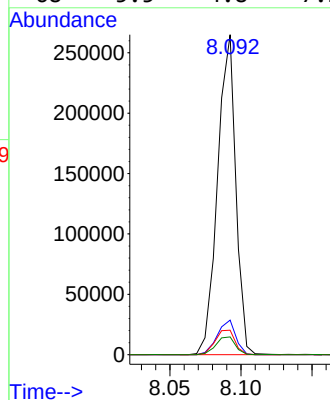
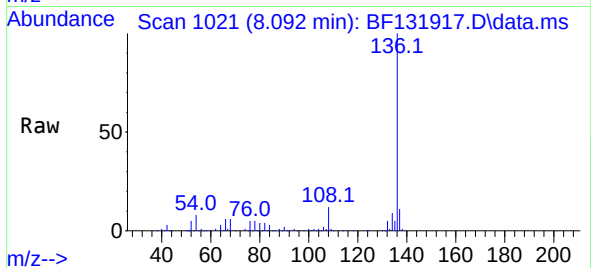


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
TP-205

Tgt Ion:136 Resp: 235952

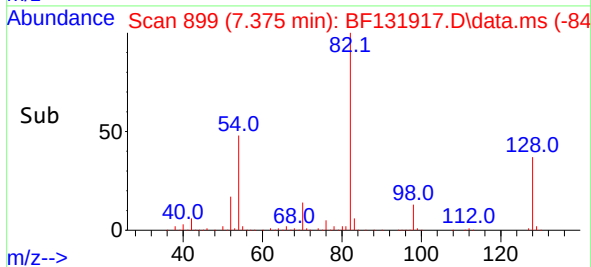
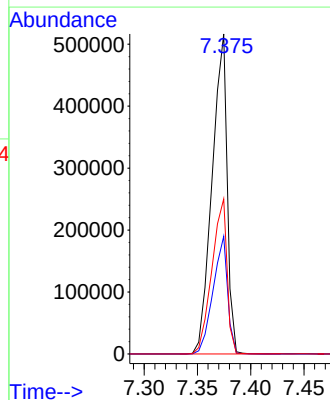
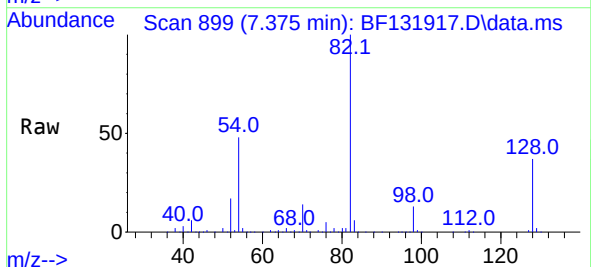
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.7	6.7	10.1
68	5.5	4.8	7.2

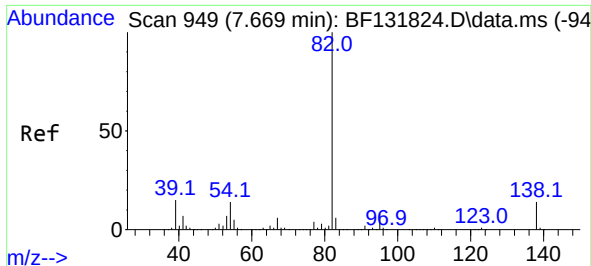


#23
Nitrobenzene-d5
Concen: 86.221 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion: 82 Resp: 509547

Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.1	40.7
54	48.5	37.0	55.6

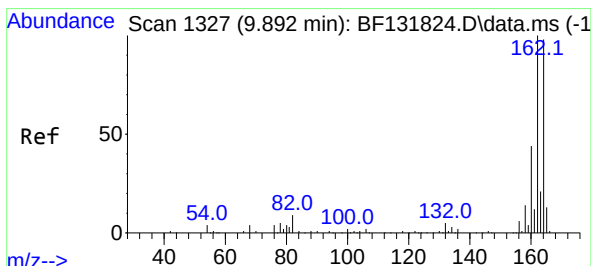
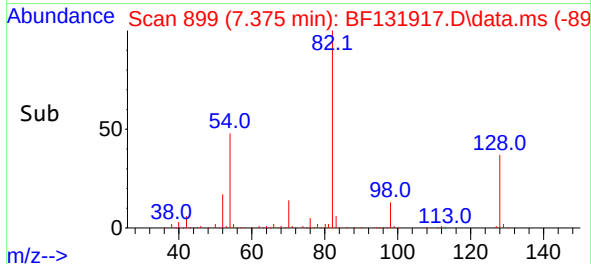
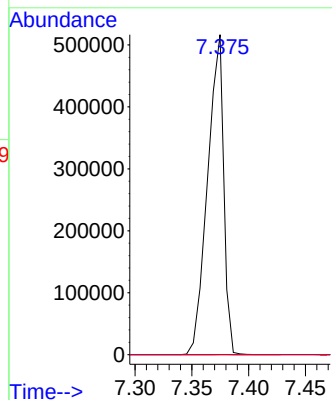
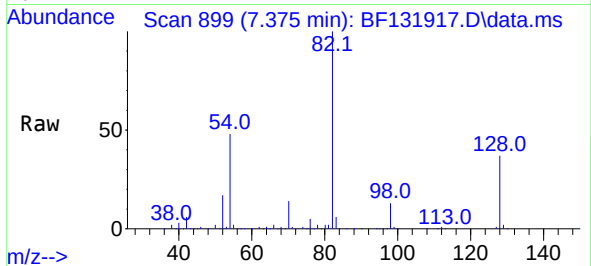




#25
Isophorone
Concen: 52.796 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

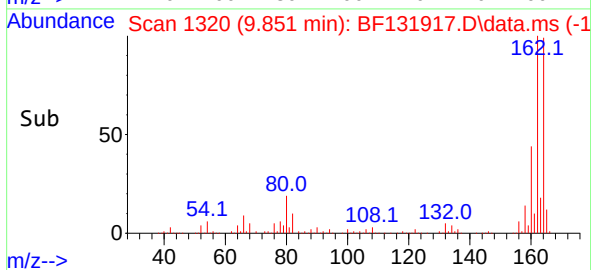
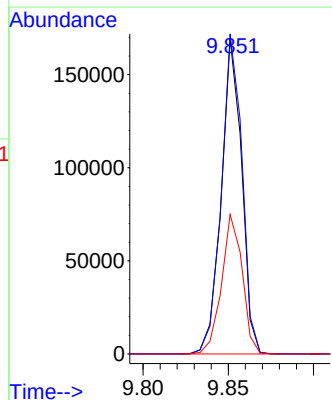
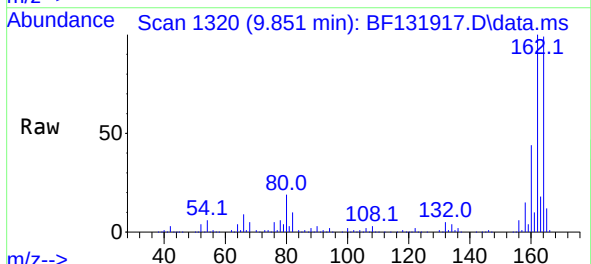
Instrument :
BNA_F
ClientSampleId :
TP-205

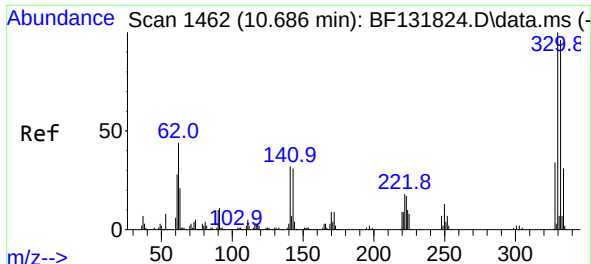
Tgt Ion: 82 Resp: 509541
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

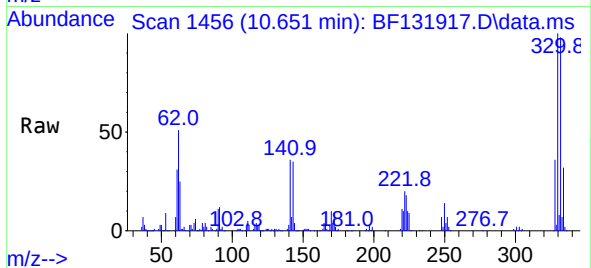
Tgt Ion:164 Resp: 140512
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 44.3 35.7 53.5



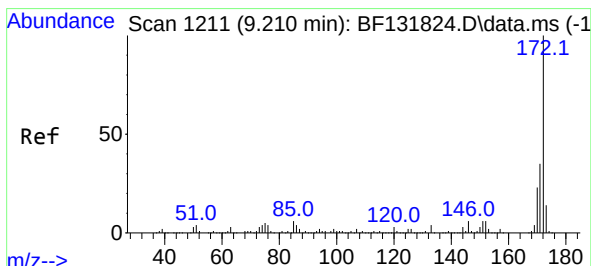
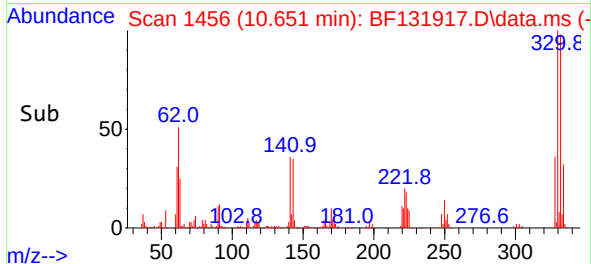
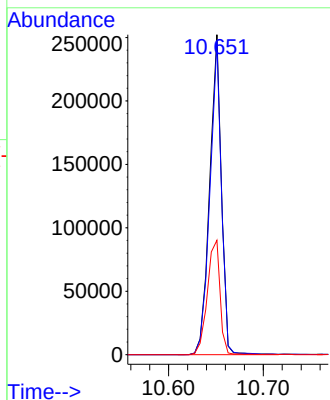


#42
2,4,6-Tribromophenol
Concen: 141.361 ng
RT: 10.651 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
TP-205

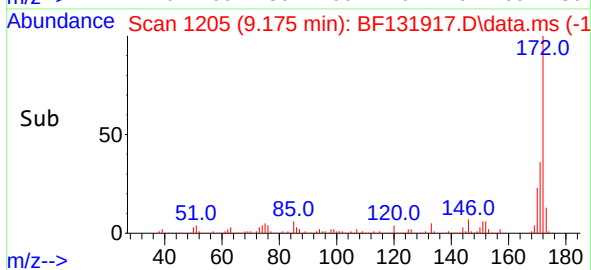
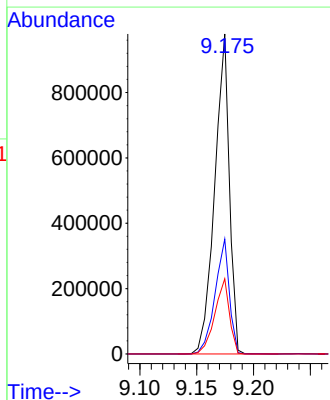
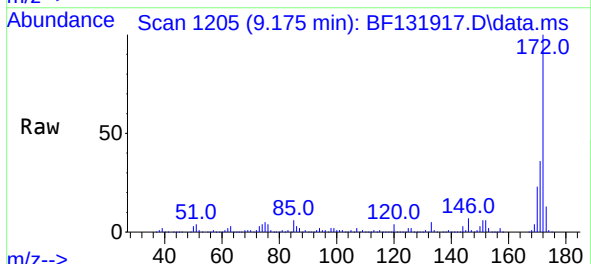


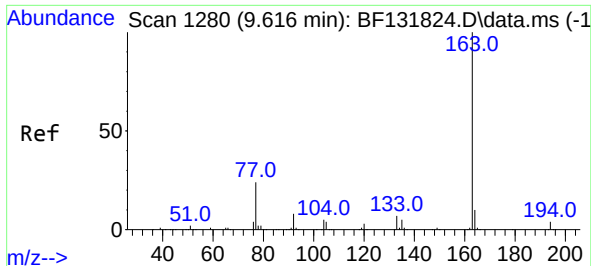
Tgt Ion:330 Resp: 215812
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 38.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 85.715 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:172 Resp: 879292
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.5 18.7 28.1

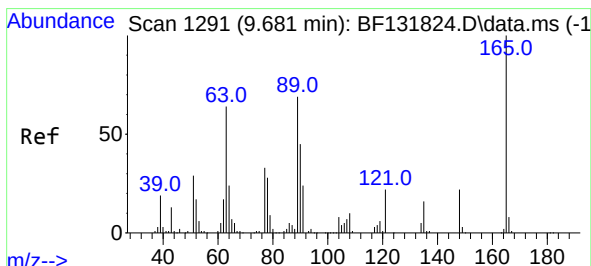
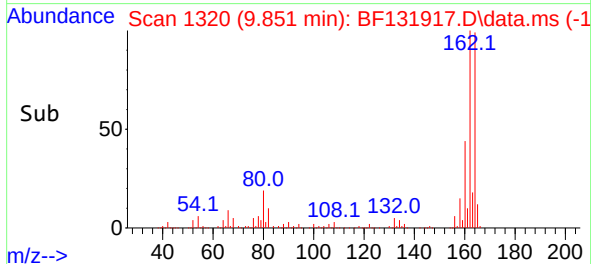
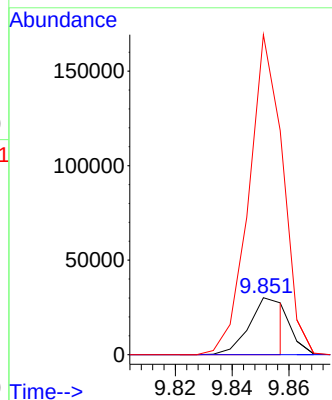
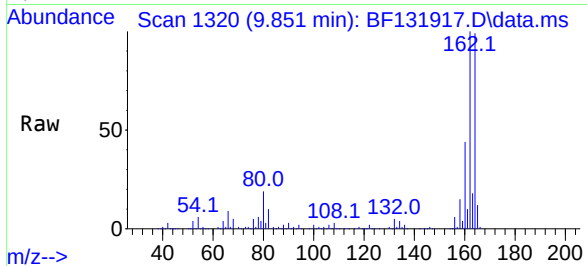




#50
Dimethylphthalate
Concen: 2.447 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.265 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

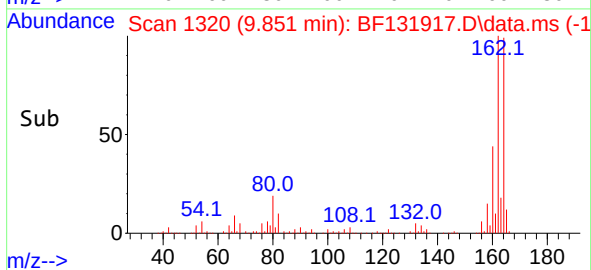
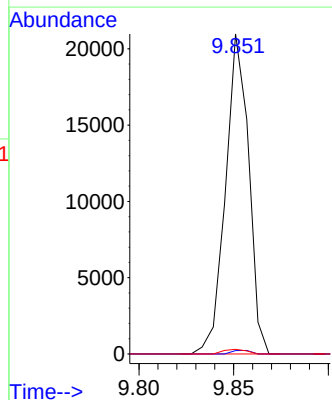
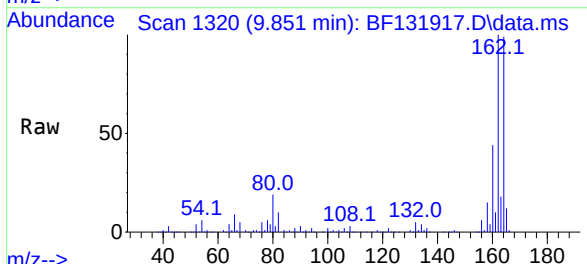
Instrument :
BNA_F
ClientSampleId :
TP-205

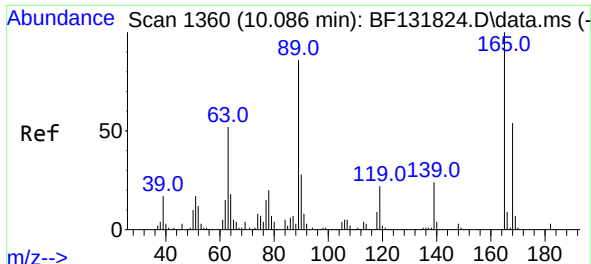
Tgt Ion:163 Resp: 26011
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 561.4 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 7.747 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.200 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:165 Resp: 17827
Ion Ratio Lower Upper
165 100
63 1.1 55.1 82.7#
89 1.5 55.0 82.4#



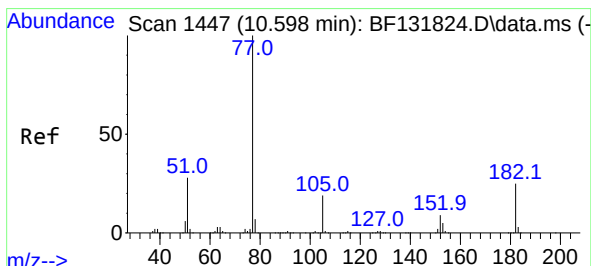
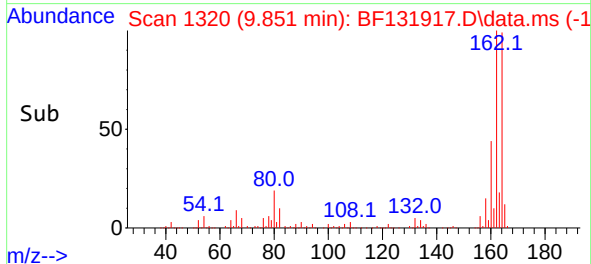
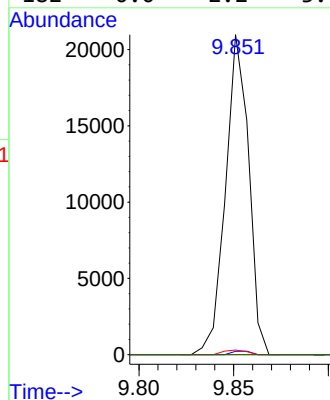
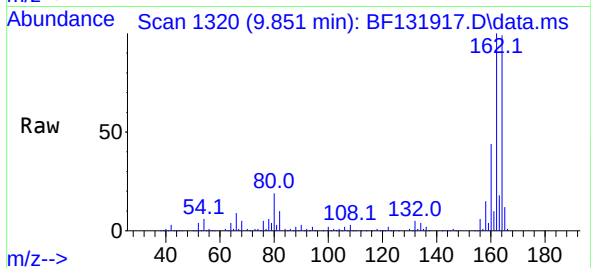


#57
2,4-Dinitrotoluene
Concen: 5.665 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
TP-205

Tgt Ion:165 Resp: 17827

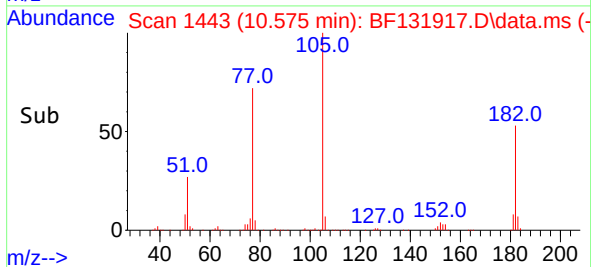
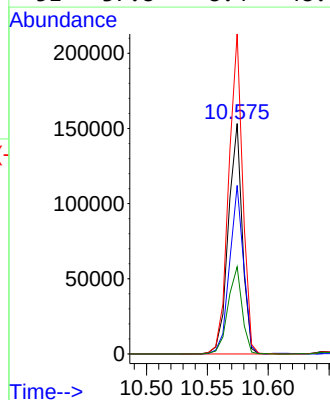
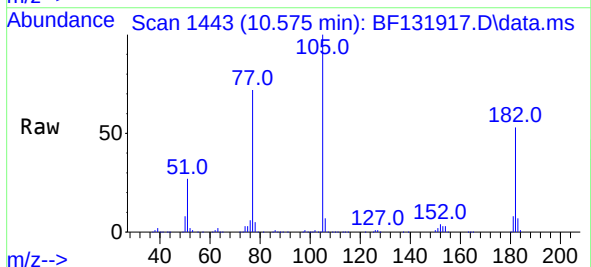
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.1	63.1#
89	1.5	69.1	103.7#
182	0.0	2.2	3.4#

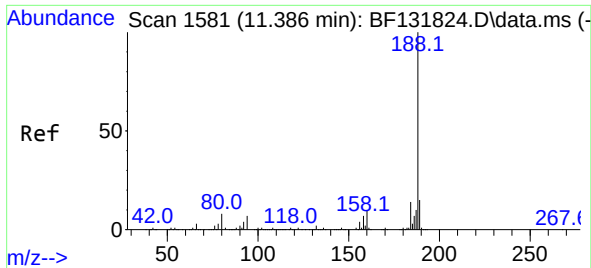


#63
Azobenzene
Concen: 10.741 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion: 77 Resp: 121959

Ion	Ratio	Lower	Upper
77	100		
182	73.1	5.0	45.0#
105	138.9	0.0	39.4#
51	37.8	8.4	48.4

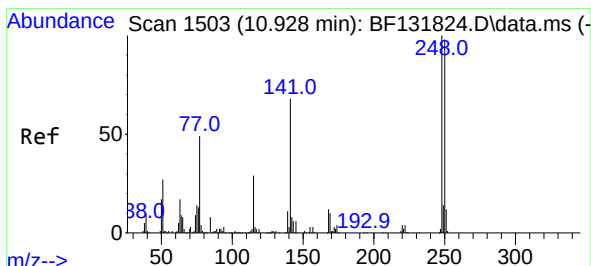
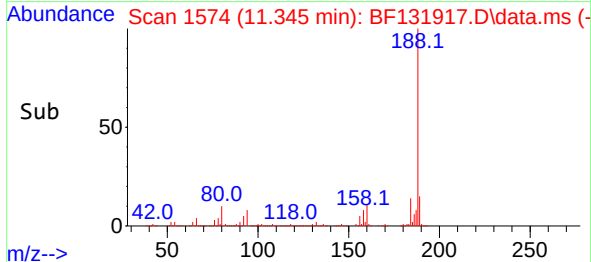
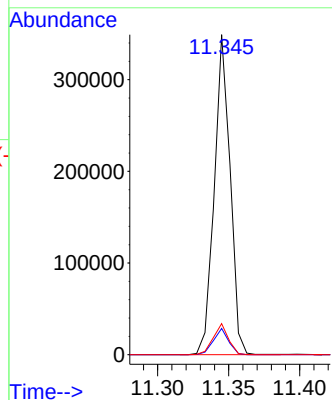
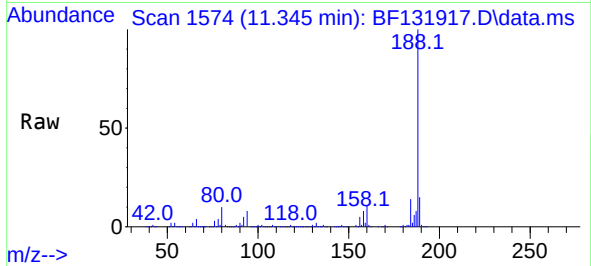




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

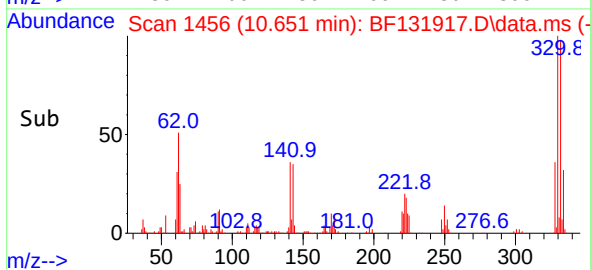
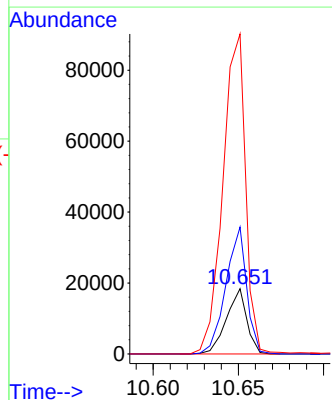
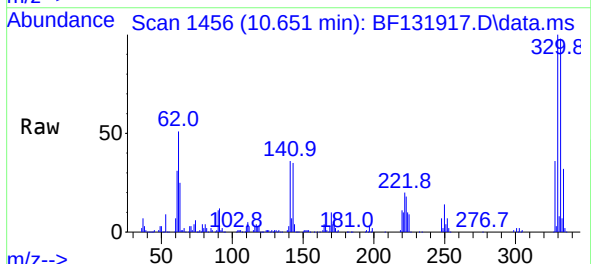
Instrument :
BNA_F
ClientSampleId :
TP-205

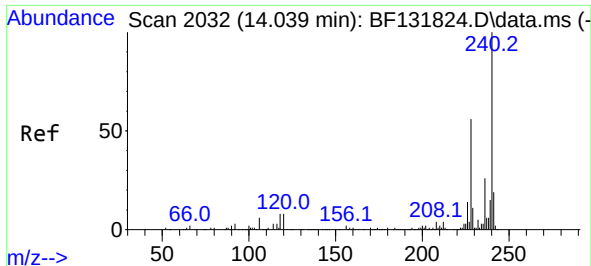
Tgt Ion:188 Resp: 270841
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.7 6.7 10.1



#67
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:248 Resp: 15352
Ion Ratio Lower Upper
248 100
250 194.5 78.0 117.0#
141 490.5 54.8 82.2#

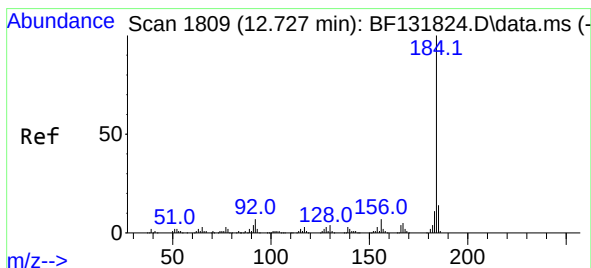
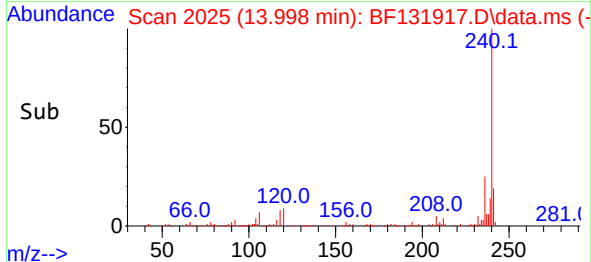
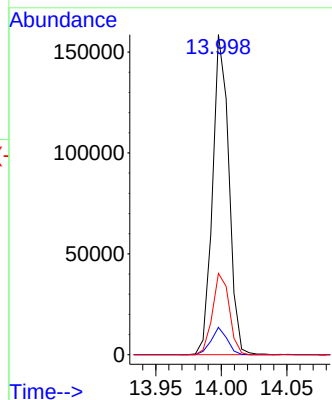
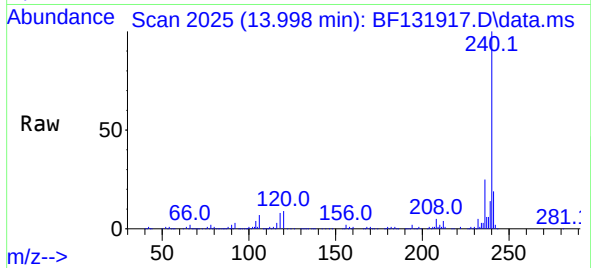




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

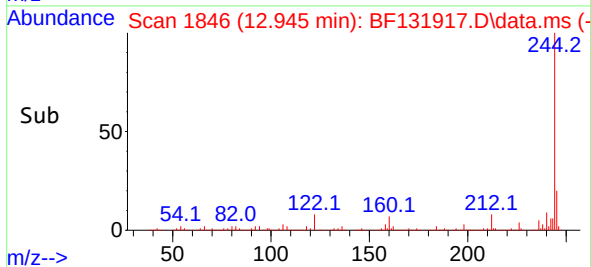
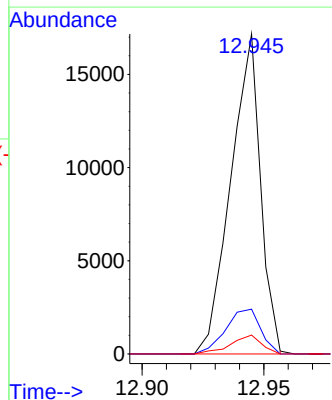
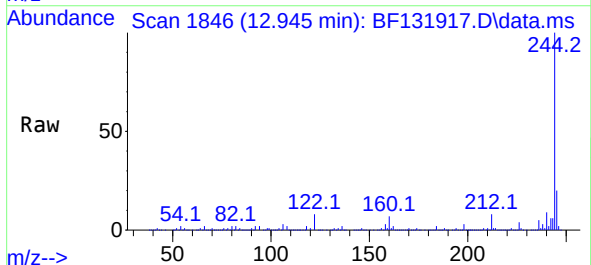
Instrument :
BNA_F
ClientSampleId :
TP-205

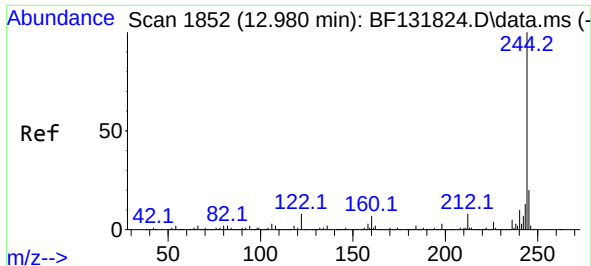
Tgt Ion:240 Resp: 136801
Ion Ratio Lower Upper
240 100
120 8.6 6.7 10.1
236 25.4 20.6 31.0



#77
Benzidine
Concen: 6.474 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

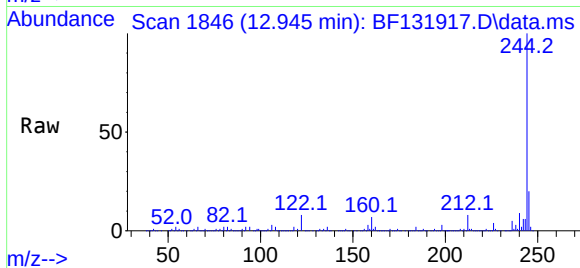
Tgt Ion:184 Resp: 14555
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 5.9 9.0 13.4



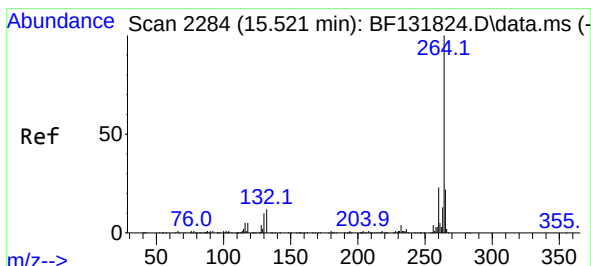
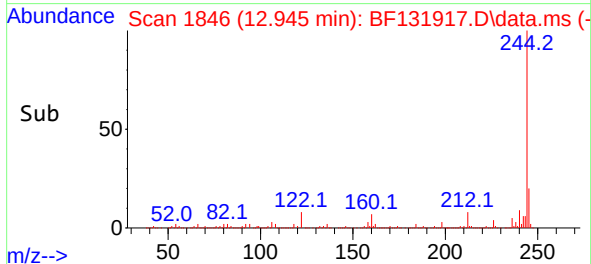
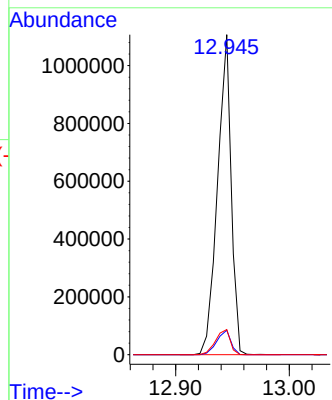


#79
Terphenyl-d14
Concen: 114.400 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
TP-205

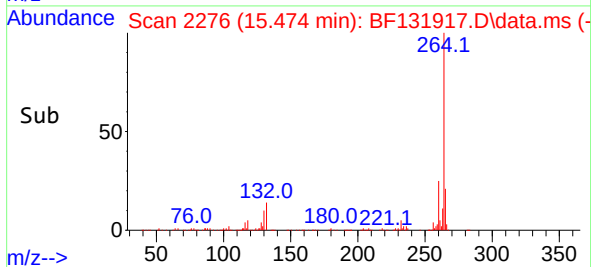
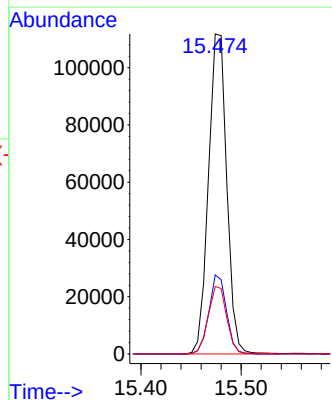
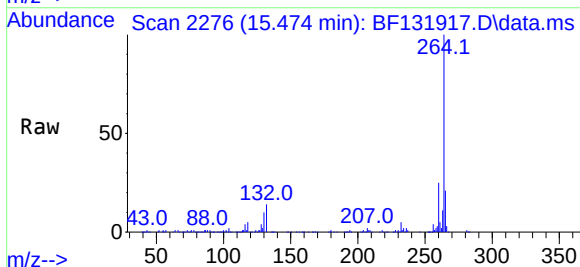


Tgt Ion:244 Resp: 925210
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 7.9 6.4 9.6

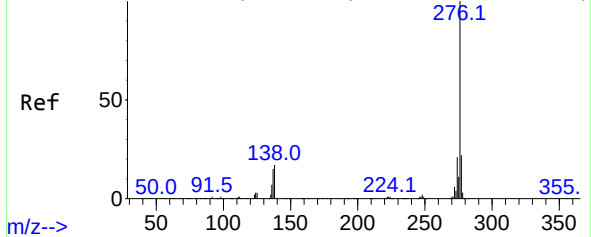


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Tgt Ion:264 Resp: 142152
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 21.1 17.4 26.0



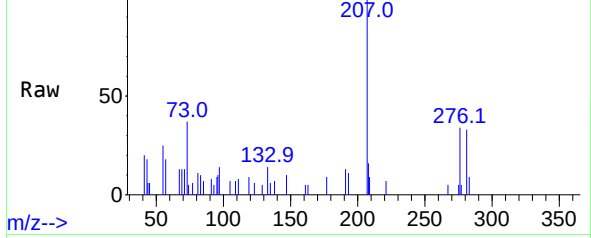
Abundance Scan 2616 (17.474 min): BF131824.D\data.ms (-



#92
Benzo(g,h,i)perylene
Concen: 5.438 ng
RT: 17.398 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF131917.D
Acq: 05 Jan 2023 16:17

Instrument :
BNA_F
ClientSampleId :
TP-205

Abundance Scan 2603 (17.398 min): BF131917.D\data.ms



Tgt Ion:	276	Resp:	1869
Ion	Ratio	Lower	Upper
276	100		
277	15.5	17.9	26.9#
138	19.3	13.7	20.5

Abundance Scan 2603 (17.398 min): BF131917.D\data.ms (-

