

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136366.D
 Acq On : 02 Dec 2023 07:52
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Quant Time: Dec 03 07:23:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	114454	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	377717	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	142496	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	250190	20.000	ng	0.00
76) Chrysene-d12	13.980	240	243332	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	187900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	589709	71.713	ng	0.00
7) Phenol-d6	6.440	99	681296	66.261	ng	0.00
23) Nitrobenzene-d5	7.363	82	398546	55.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	122895	70.543	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	671139	60.159	ng	-0.01
79) Terphenyl-d14	12.927	244	757842	35.925	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.363	70	51583	8.388	ng	# 75
25) Isophorone	7.363	82	398541	30.922	ng	# 68
50) Dimethylphthalate	9.839	163	29109	2.703	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	18167	8.257	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	18167	6.181	ng	# 27
67) 4-Bromophenyl-phenylether	10.627	248	7208	2.469	ng	# 1
77) Benzidine	12.927	184	8854	2.214	ng	# 92
85) Di-n-octyl phthalate	14.586	149	174	5.172	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.962	276	5265	3.033	ng	# 73
91) Dibenzo(a,h)anthracene	16.968	278	1483	2.838	ng	# 74
92) Benzo(g,h,i)perylene	17.421	276	5004	2.326	ng	# 91

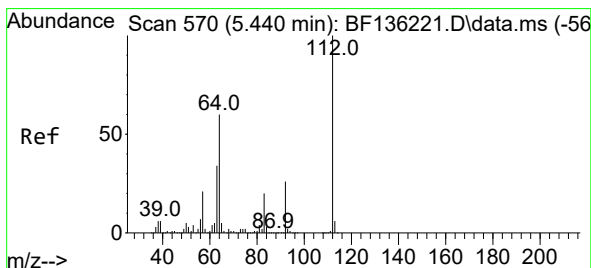
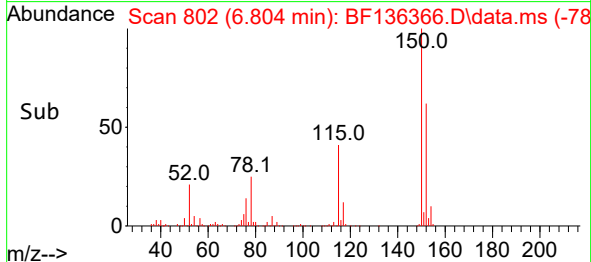
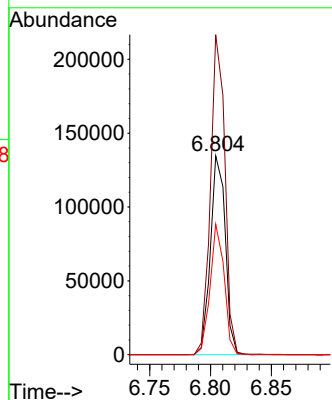
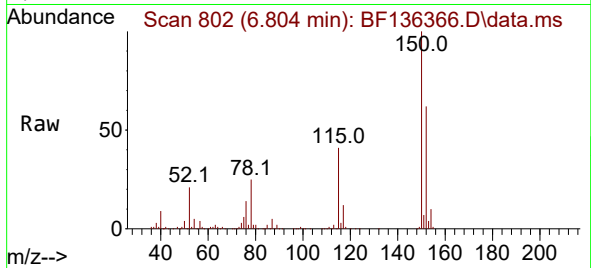
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: BF136366.D
 Acq: 02 Dec 2023 07:52

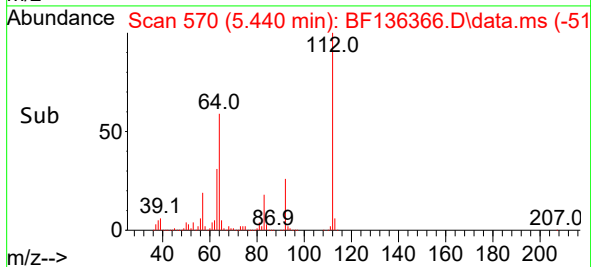
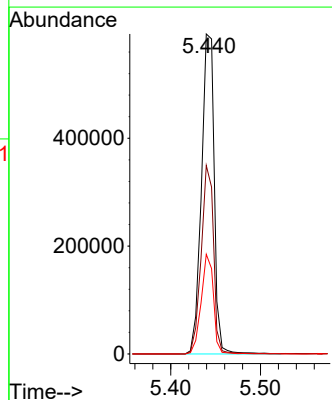
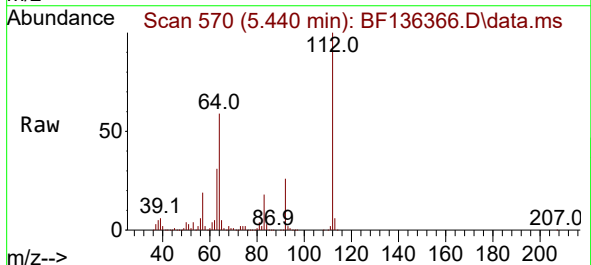
Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

Tgt Ion:152 Resp: 114454
 Ion Ratio Lower Upper
 152 100
 150 160.9 137.8 206.8
 115 65.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 71.713 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BF136366.D
 Acq: 02 Dec 2023 07:52

Tgt Ion:112 Resp: 589709
 Ion Ratio Lower Upper
 112 100
 64 58.9 48.2 72.4
 63 31.2 27.0 40.6

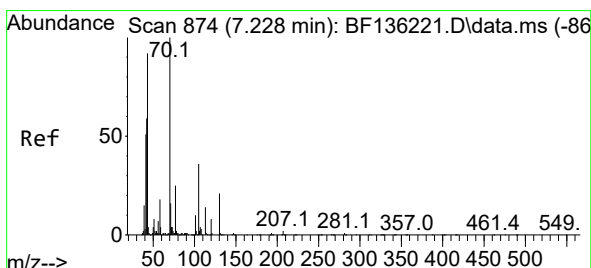
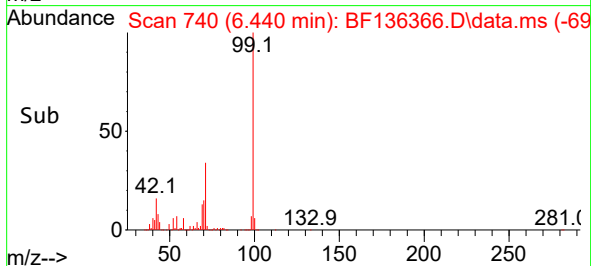
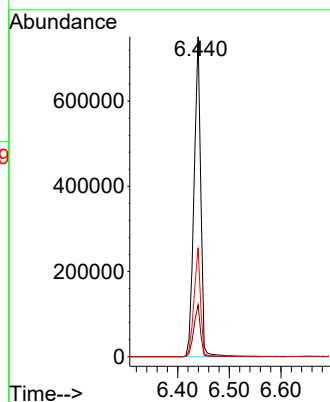
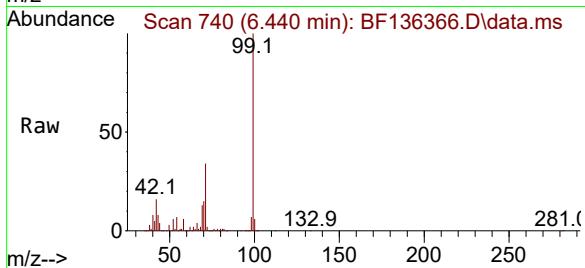




#7
Phenol-d6
Concen: 66.261 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

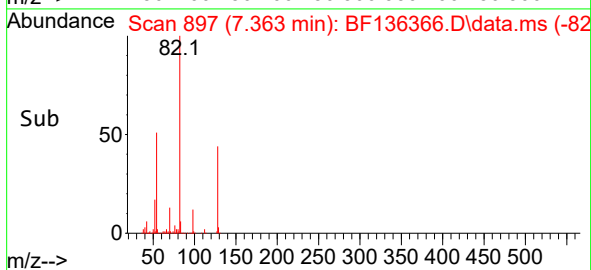
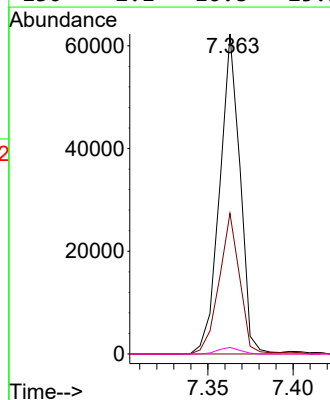
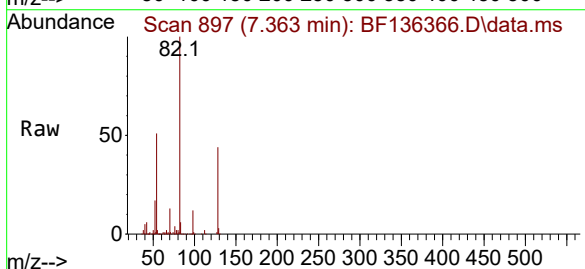
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

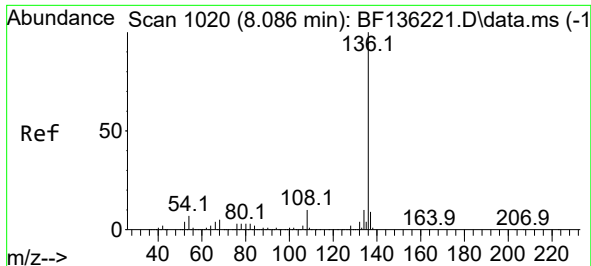
Tgt Ion: 99 Resp: 681296
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 34.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.388 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion: 70 Resp: 51583
Ion Ratio Lower Upper
70 100
42 44.0 47.0 70.4#
101 0.0 7.8 11.8#
130 2.1 16.8 25.2#

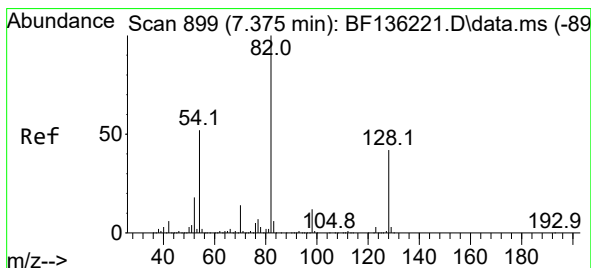
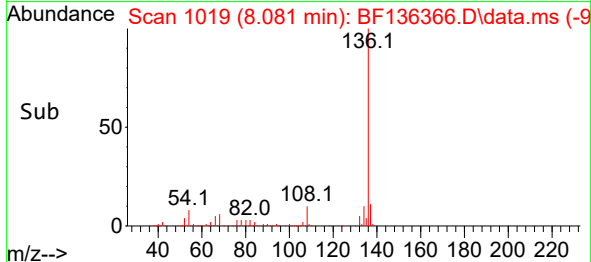
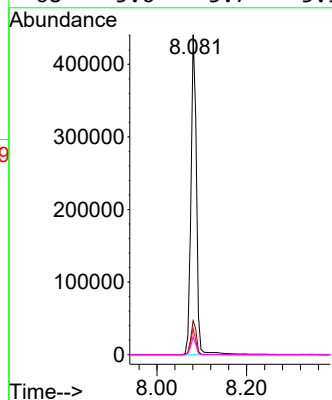
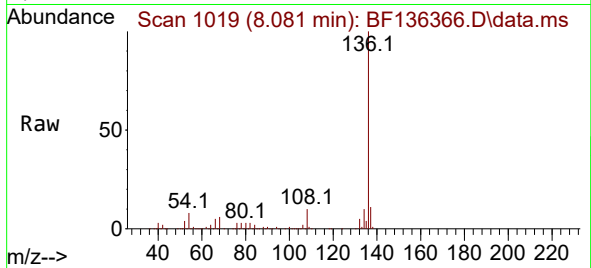




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

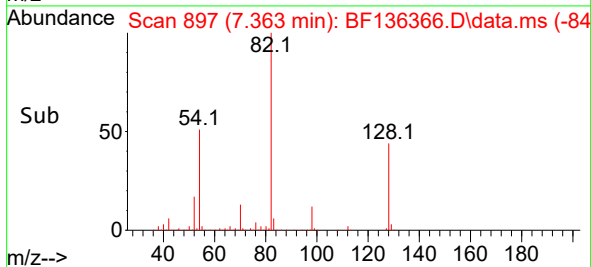
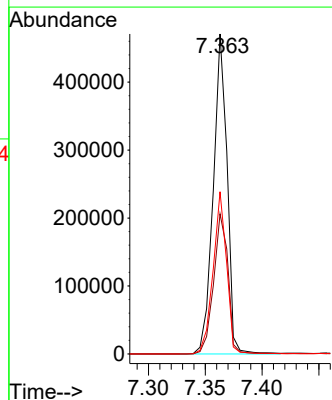
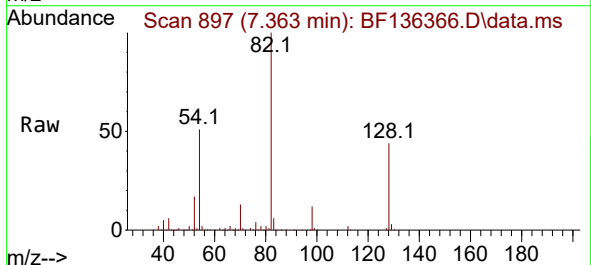
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

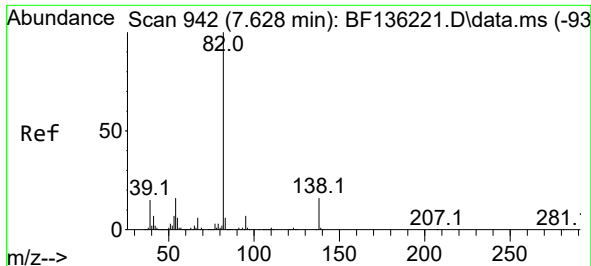
Tgt Ion:136 Resp: 377717
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 8.2 5.5 8.3
68 5.6 3.7 5.5#



#23
Nitrobenzene-d5
Concen: 55.757 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion: 82 Resp: 398546
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.2
54 50.7 41.7 62.5

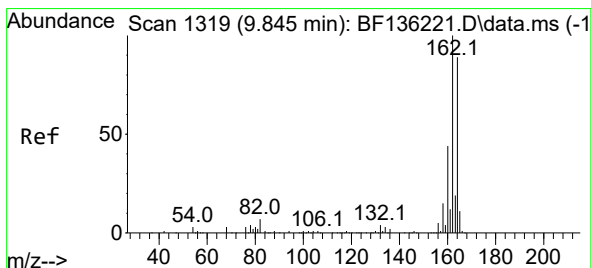
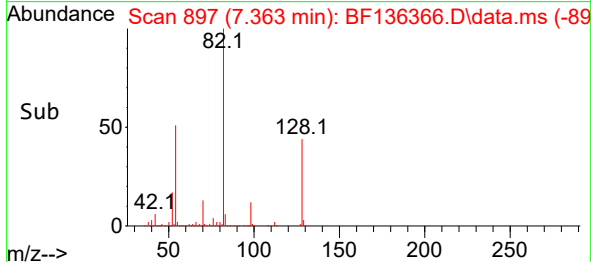
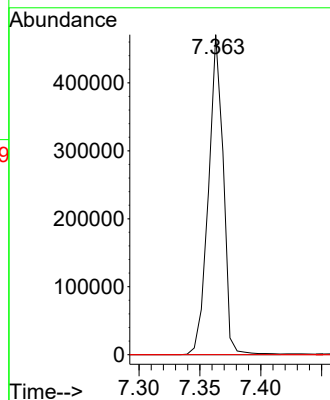
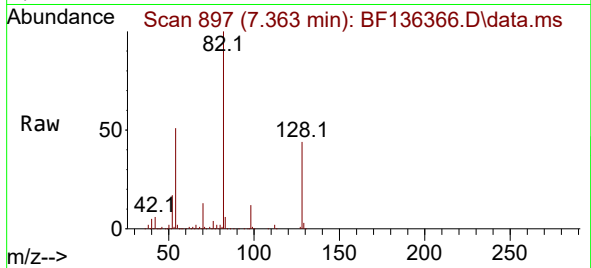




#25
Isophorone
Concen: 30.922 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

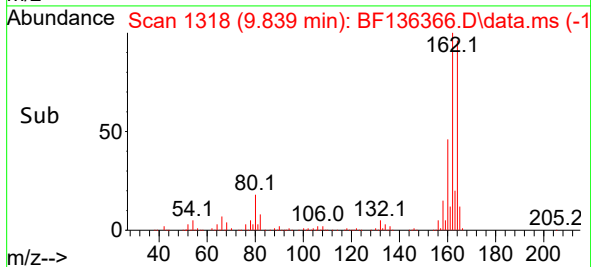
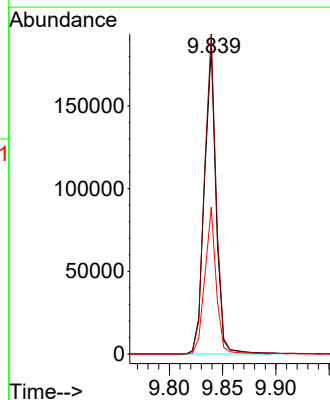
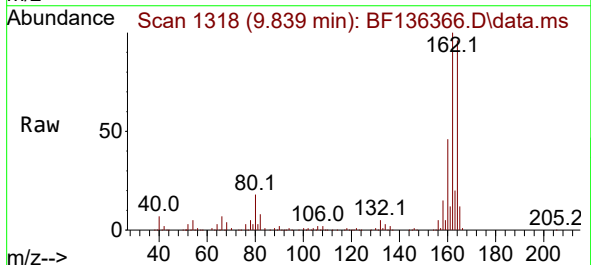
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

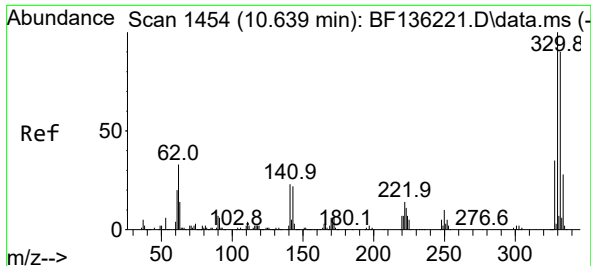
Tgt Ion: 82 Resp: 398541
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion:164 Resp: 142496
Ion Ratio Lower Upper
164 100
162 104.6 89.5 134.3
160 48.0 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 70.543 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136366.D

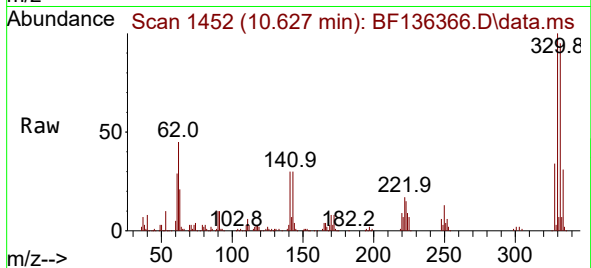
Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP



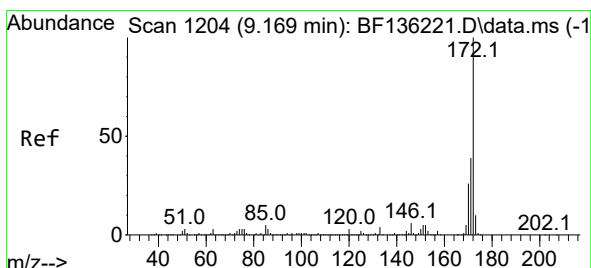
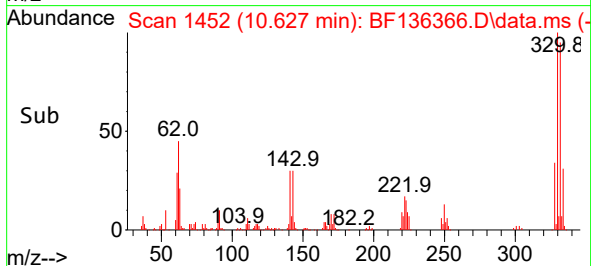
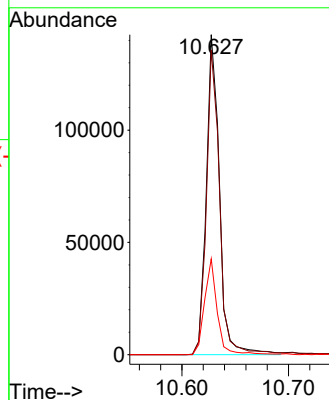
Tgt Ion:330 Resp: 122895

Ion Ratio Lower Upper

330 100

332 96.4 73.0 109.6

141 29.2 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 60.159 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

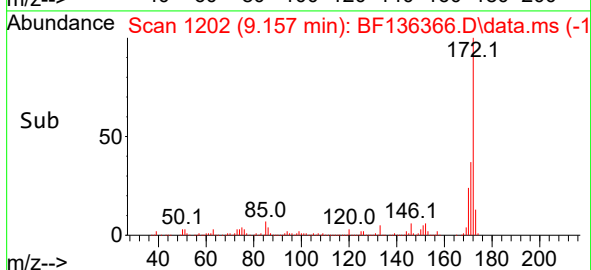
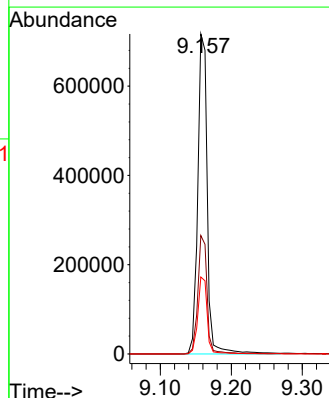
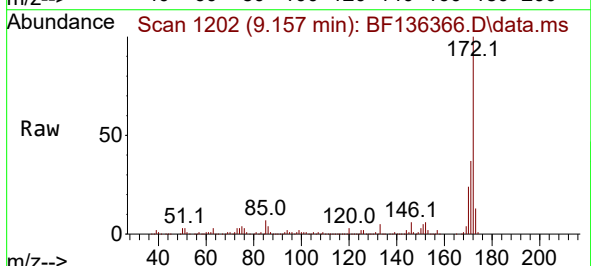
Tgt Ion:172 Resp: 671139

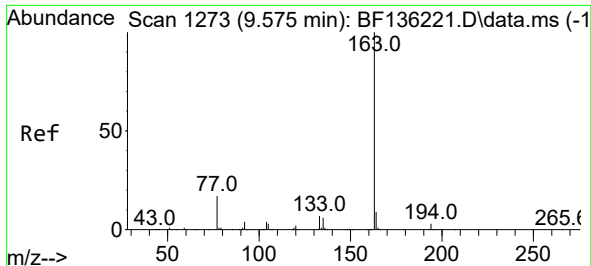
Ion Ratio Lower Upper

172 100

171 37.0 31.5 47.3

170 24.1 20.8 31.2

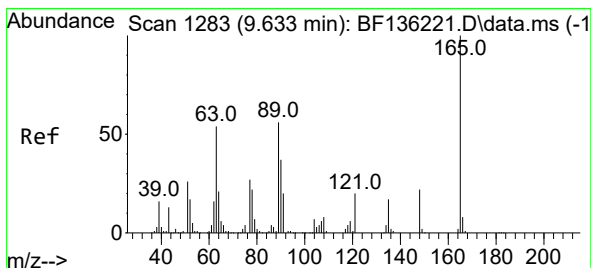
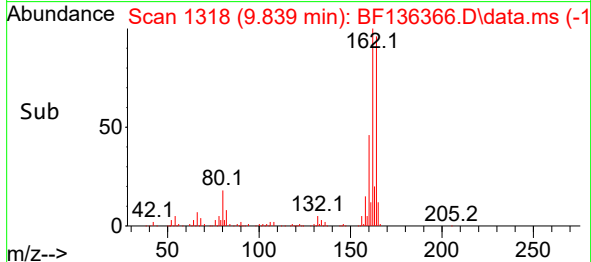
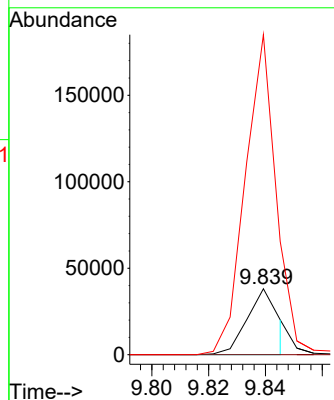
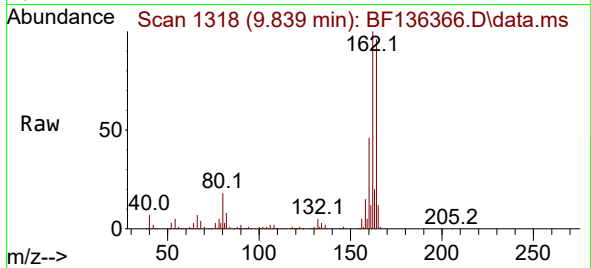




#50
Dimethylphthalate
Concen: 2.703 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

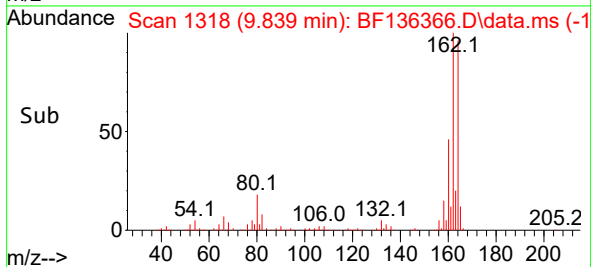
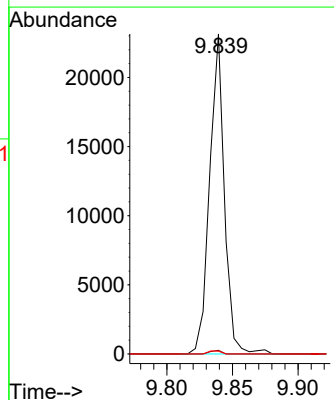
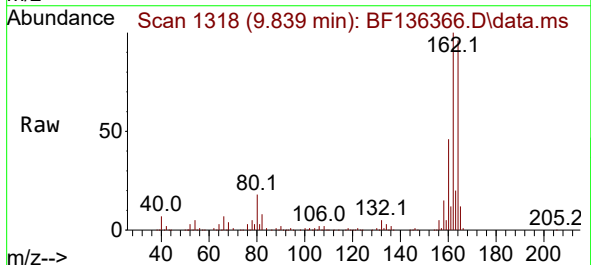
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

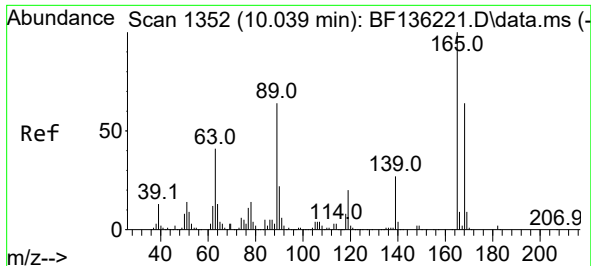
Tgt Ion:163 Resp: 29109
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 484.8 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.257 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

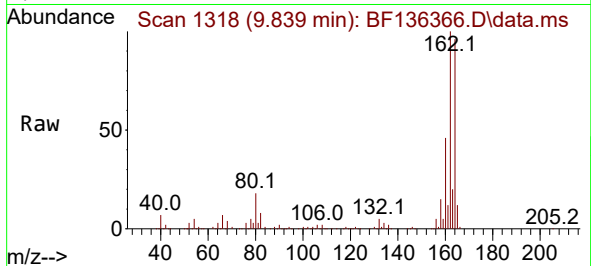
Tgt Ion:165 Resp: 18167
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 0.8 44.9 67.3#



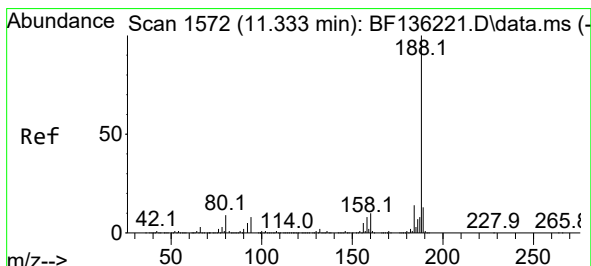
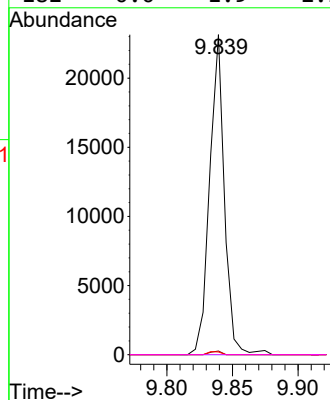
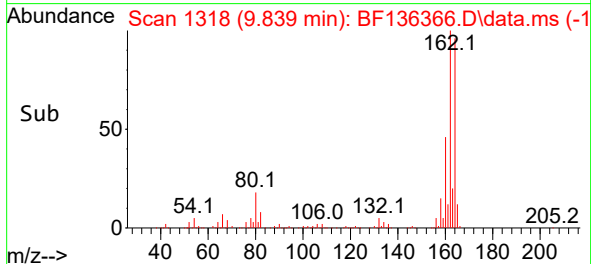


#57
2,4-Dinitrotoluene
Concen: 6.181 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

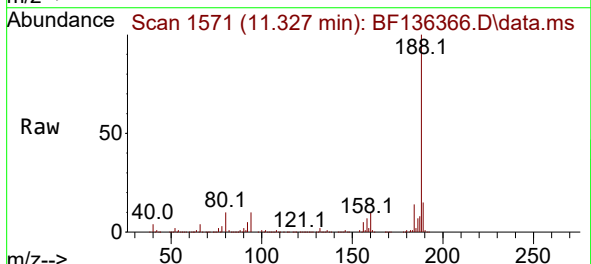
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP



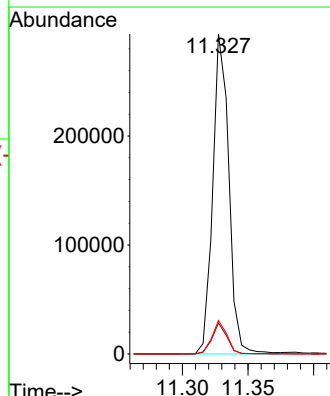
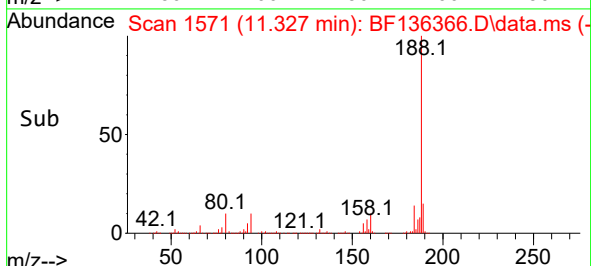
Tgt Ion:165 Resp: 18167
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 0.8 51.5 77.3#
182 0.0 1.9 2.9#

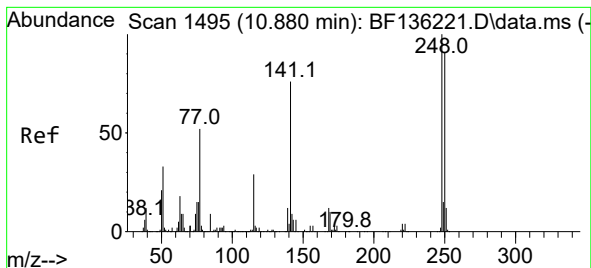


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52



Tgt Ion:188 Resp: 250190
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.4 7.2 10.8

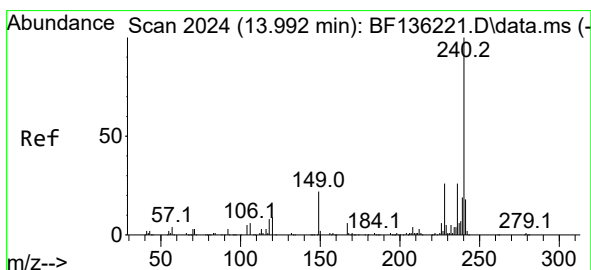
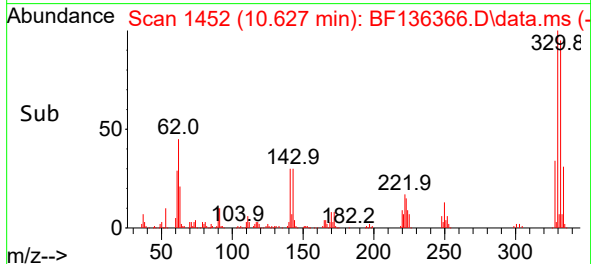
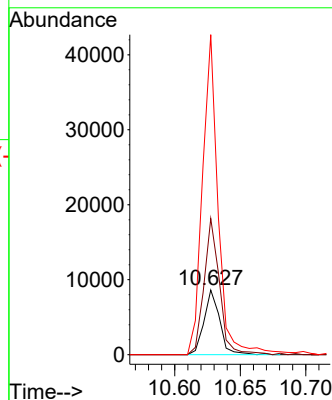
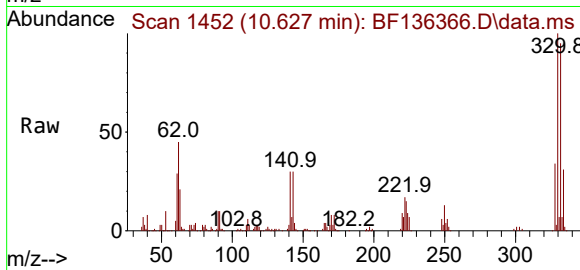




#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

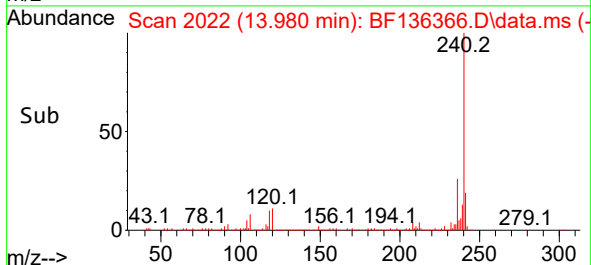
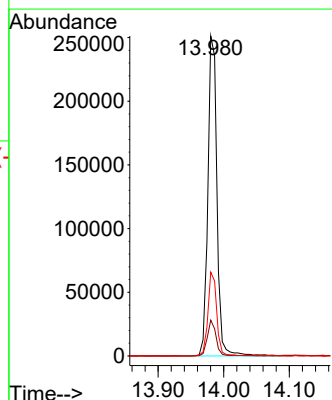
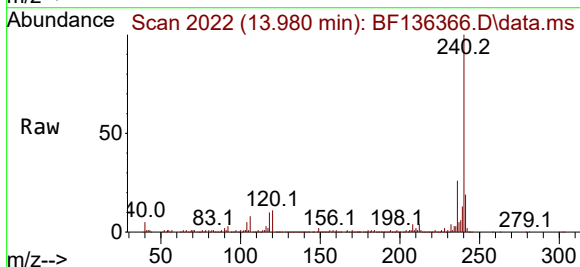
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

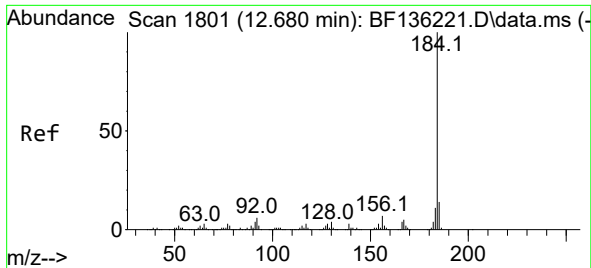
Tgt Ion:248 Resp: 7208
Ion Ratio Lower Upper
248 100
250 211.0 72.5 108.7#
141 495.6 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion:240 Resp: 243332
Ion Ratio Lower Upper
240 100
120 11.2 7.4 11.2#
236 26.2 21.1 31.7

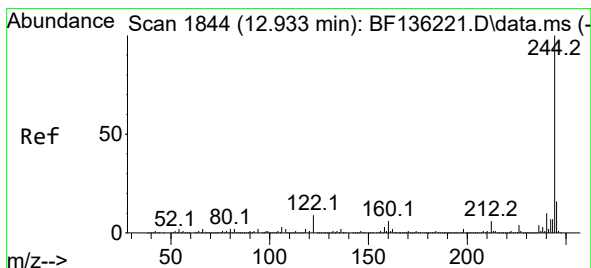
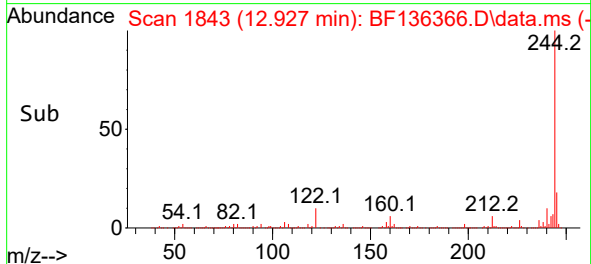
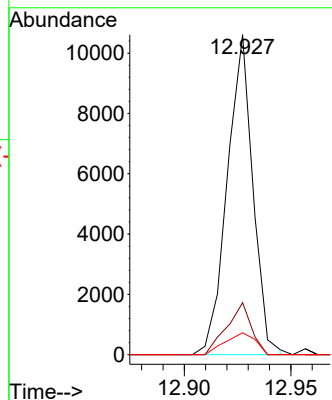
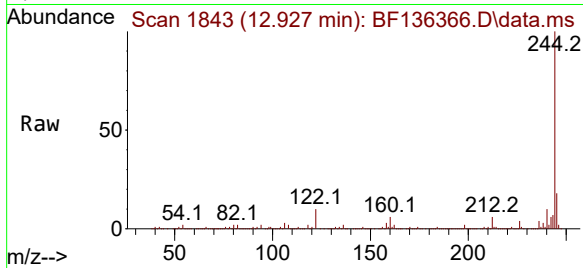




#77
Benzidine
Concen: 2.214 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

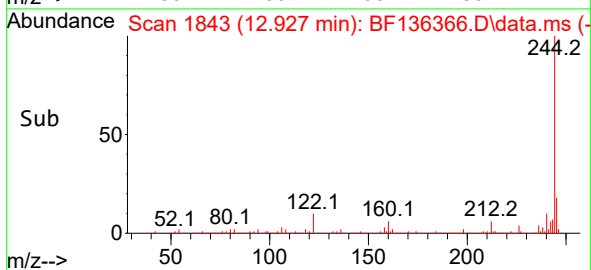
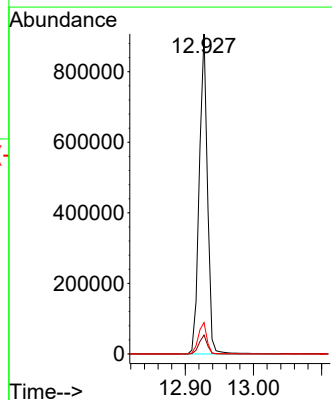
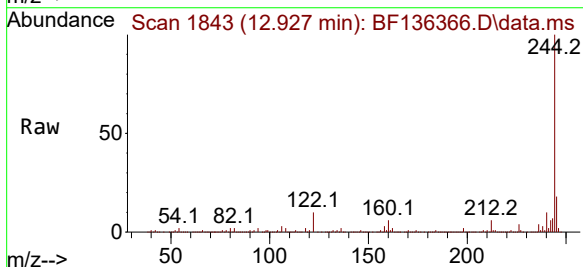
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

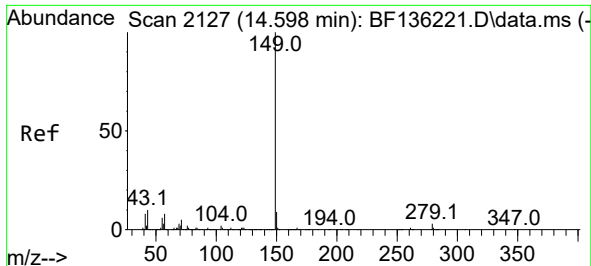
Tgt Ion:184 Resp: 8854
Ion Ratio Lower Upper
184 100
185 16.3 11.0 16.6
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 35.925 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion:244 Resp: 757842
Ion Ratio Lower Upper
244 100
212 5.9 4.6 7.0
122 9.8 7.3 10.9

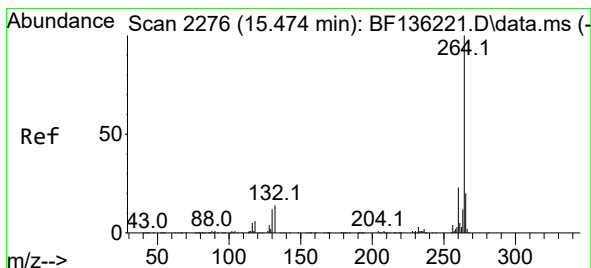
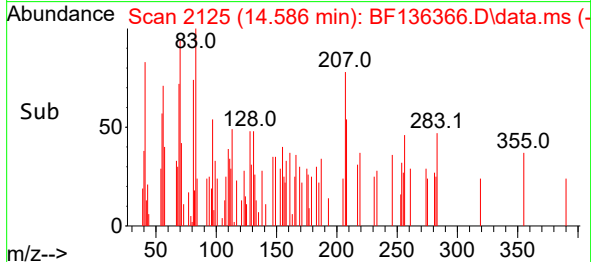
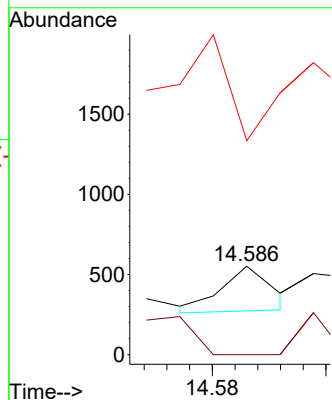
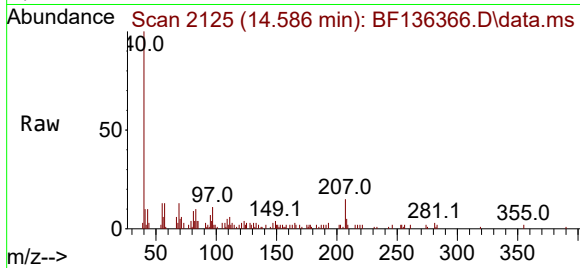




#85
Di-n-octyl phthalate
Concen: 5.172 ng
RT: 14.586 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

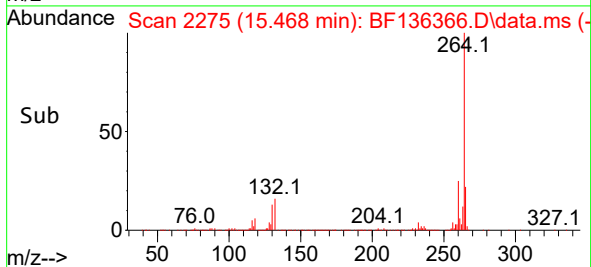
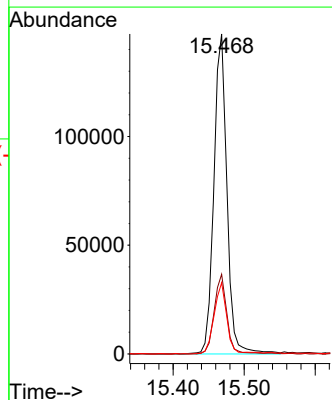
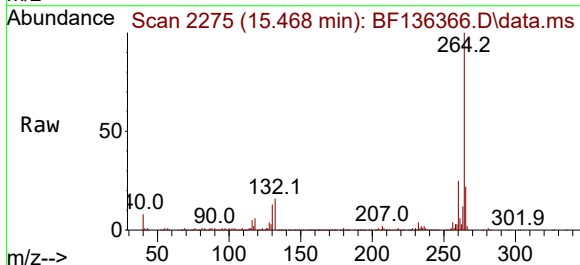
Instrument :
BNA_F
ClientSampleId :
SP-4-COMP

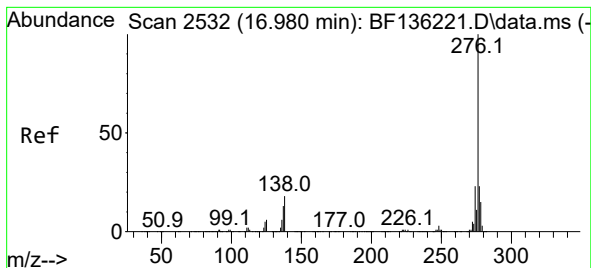
Tgt Ion:149 Resp: 174
Ion Ratio Lower Upper
149 100
167 52.9 1.0 1.6#
43 600.6 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136366.D
Acq: 02 Dec 2023 07:52

Tgt Ion:264 Resp: 187900
Ion Ratio Lower Upper
264 100
260 24.9 18.6 27.8
265 22.3 15.7 23.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.033 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP

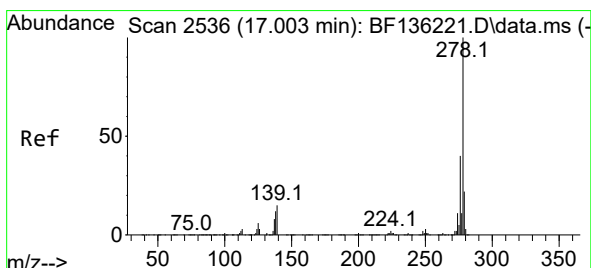
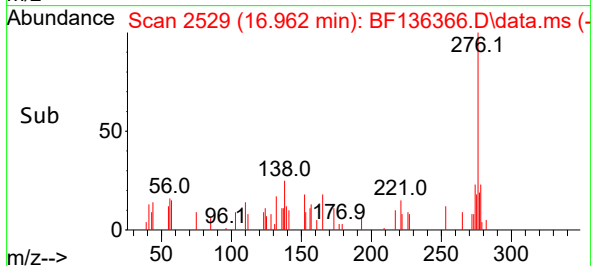
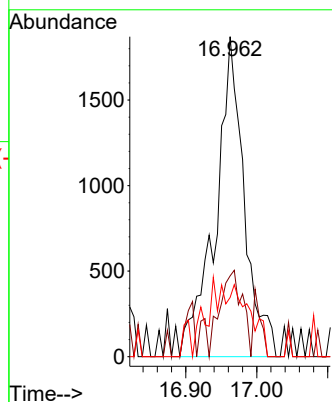
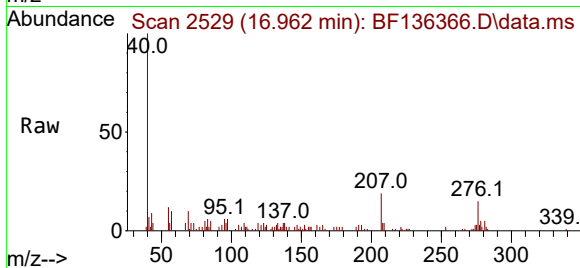
Tgt Ion:276 Resp: 5265

Ion Ratio Lower Upper

276 100

138 20.9 17.7 26.5

277 0.0 19.6 29.4#



#91

Dibenzo(a,h)anthracene

Concen: 2.838 ng

RT: 16.968 min Scan# 2530

Delta R.T. -0.035 min

Lab File: BF136366.D

Acq: 02 Dec 2023 07:52

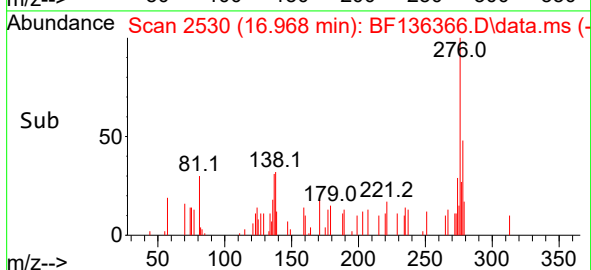
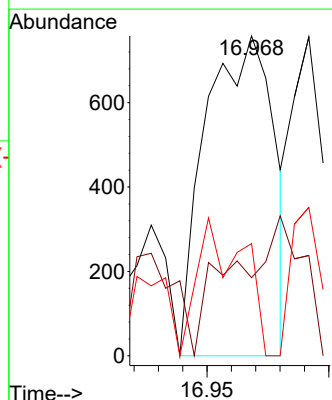
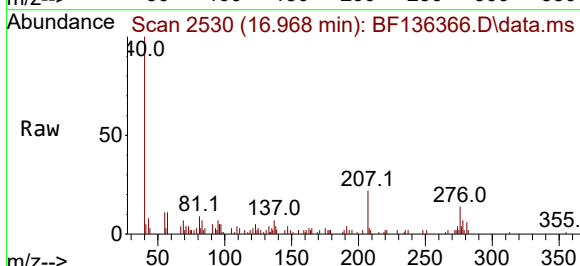
Tgt Ion:278 Resp: 1483

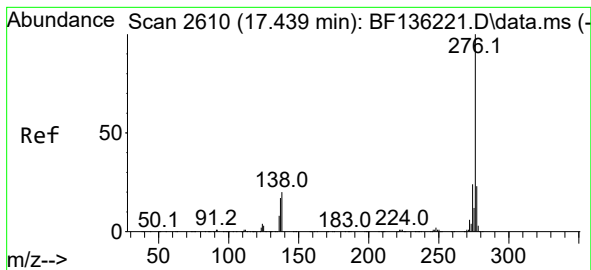
Ion Ratio Lower Upper

278 100

139 24.4 11.7 17.5#

279 35.1 17.8 26.8#





#92

Benzo(g,h,i)perylene

Concen: 2.326 ng

RT: 17.421 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF136366.D

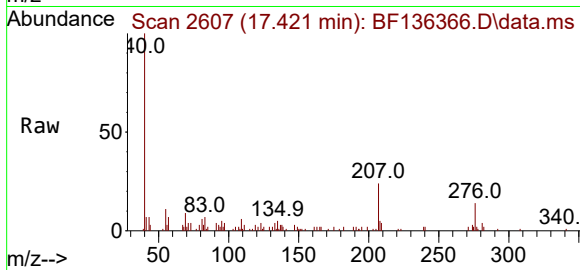
Acq: 02 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

SP-4-COMP



Tgt Ion:276 Resp: 5004

Ion Ratio Lower Upper

276 100

277 17.6 18.6 27.8#

138 22.3 15.8 23.8

