

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136268.D
 Acq On : 29 Nov 2023 01:21
 Operator : CG\JU
 Sample : 05547-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BCC-8002

Quant Time: Nov 29 03:13:05 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)

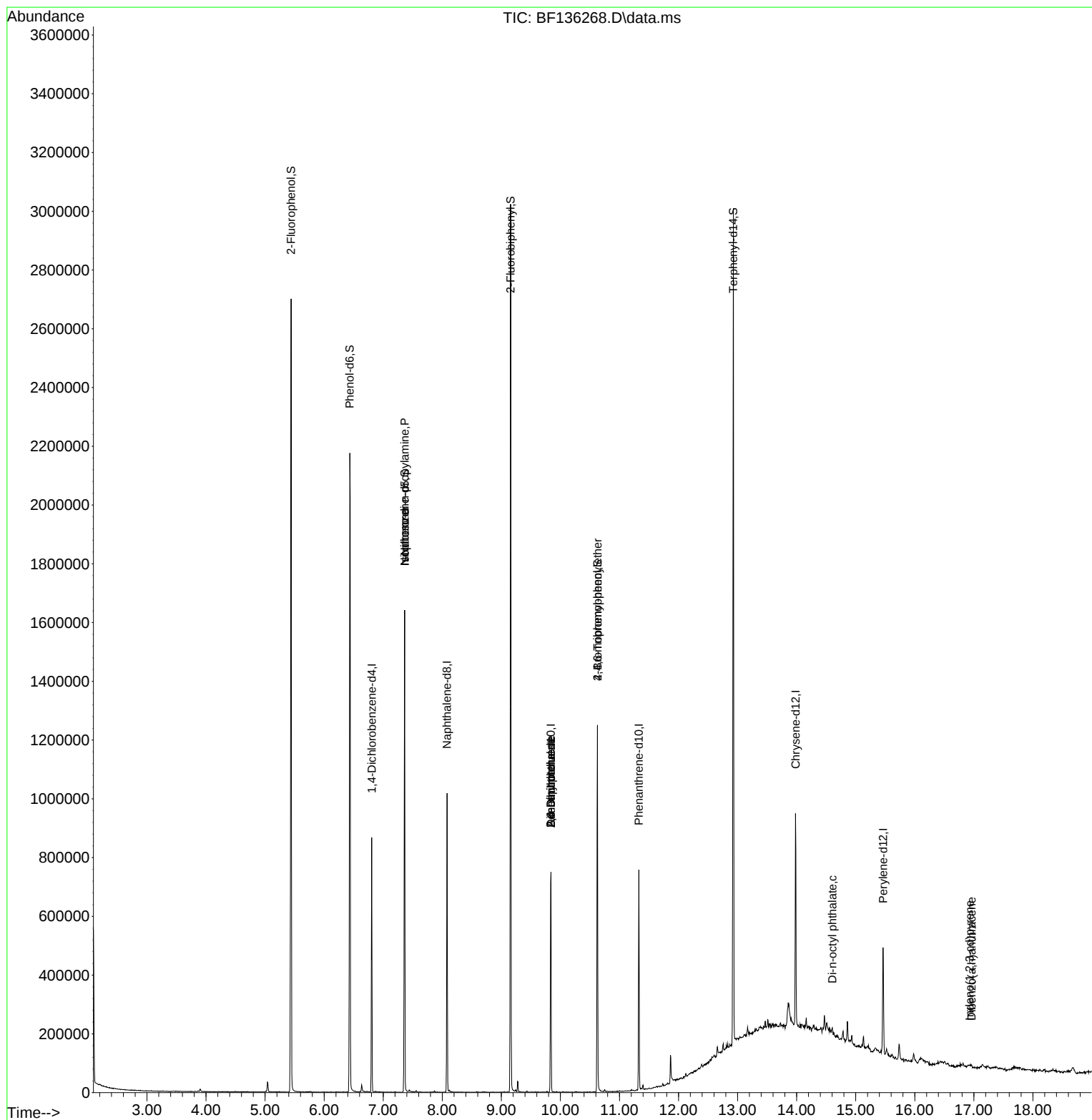
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	106378	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	394362	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	151954	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	255716	20.000	ng	0.00
76) Chrysene-d12	13.980	240	244385	20.000	ng	-0.01
86) Perylene-d12	15.463	264	173852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	662946	86.740	ng	0.00
7) Phenol-d6	6.434	99	793045	82.985	ng	-0.01
23) Nitrobenzene-d5	7.363	82	464057	62.182	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	150230	80.866	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	860397	72.324	ng	-0.01
79) Terphenyl-d14	12.927	244	964011	45.501	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	60570	10.597	ng	# 77
25) Isophorone	7.363	82	464053	34.485	ng	# 68
50) Dimethylphthalate	9.839	163	31917	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	19070	8.128	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	19070	6.085	ng	# 27
67) 4-Bromophenyl-phenylether	10.628	248	9176	3.076	ng	# 1
85) Di-n-octyl phthalate	14.604	149	846	5.209	ng	# 78
87) Indeno(1,2,3-cd)pyrene	16.927	276	2564	2.865	ng	# 63
91) Dibenzo(a,h)anthracene	16.962	278	2896	2.975	ng	# 36

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

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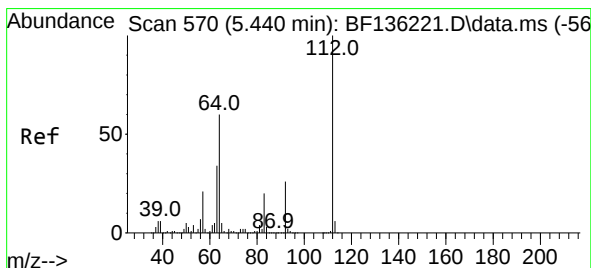
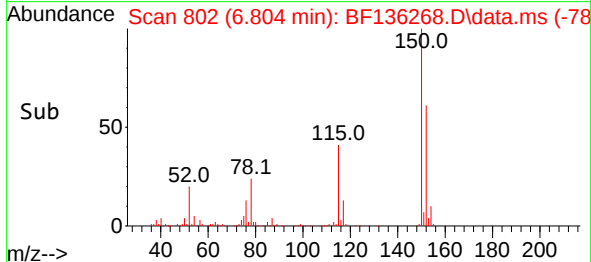
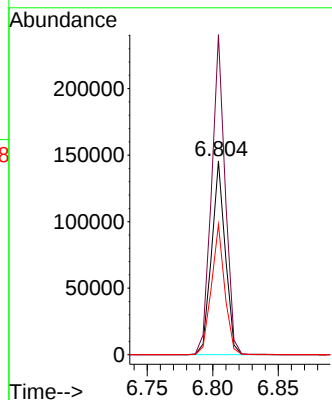
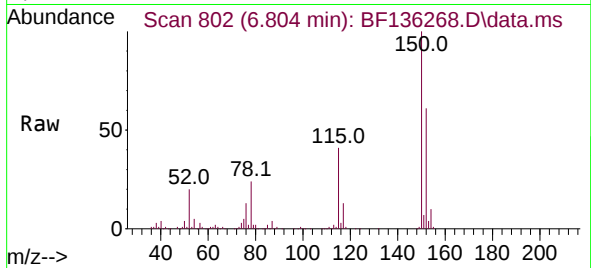




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

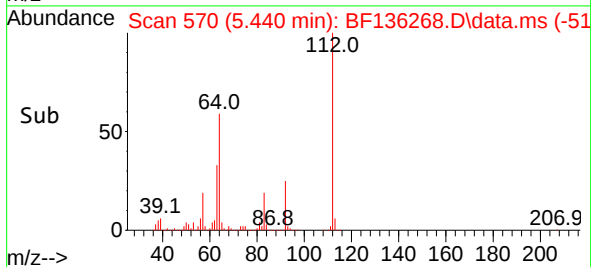
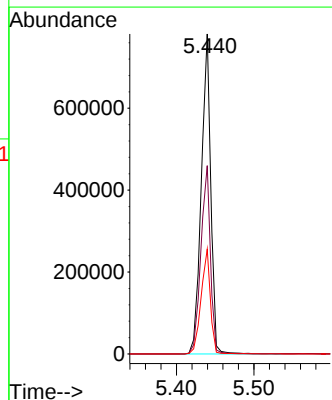
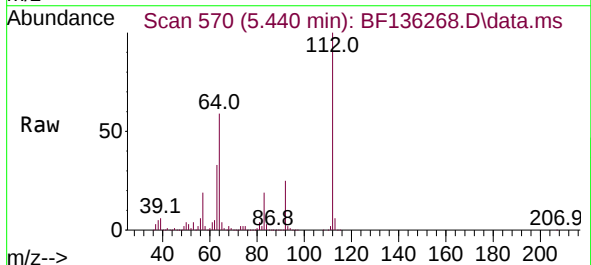
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion:152 Resp: 106378
Ion Ratio Lower Upper
152 100
150 165.1 137.8 206.8
115 67.2 52.7 79.1



#5
2-Fluorophenol
Concen: 86.740 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion:112 Resp: 662946
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.7 27.0 40.6

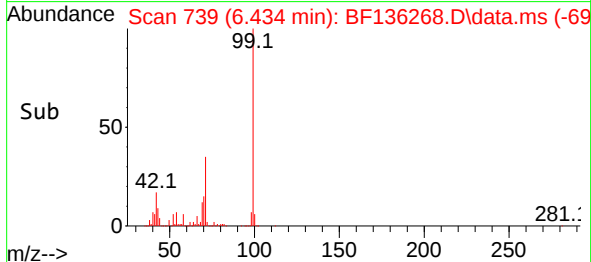
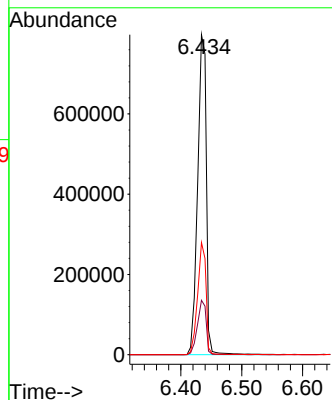
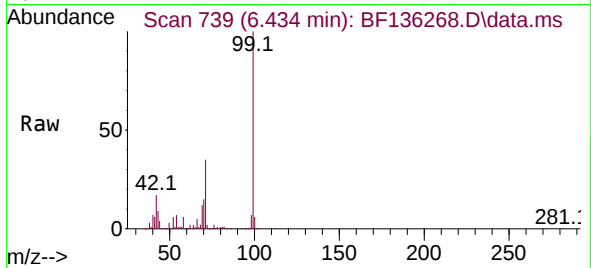




#7
Phenol-d6
Concen: 82.985 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

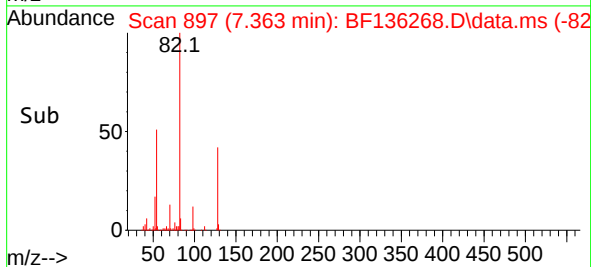
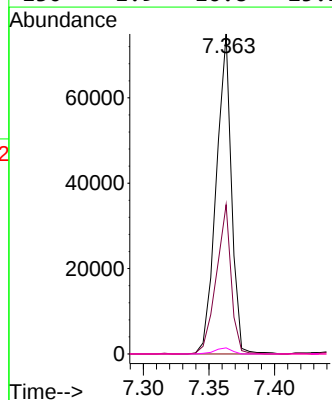
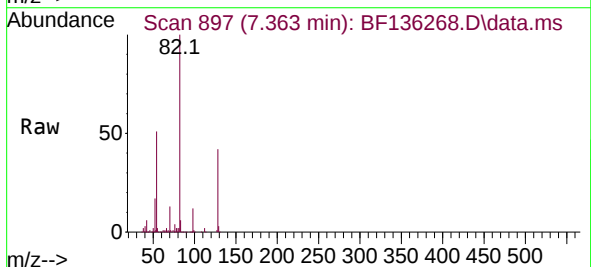
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion: 99 Resp: 793045
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.597 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion: 70 Resp: 60570
Ion Ratio Lower Upper
70 100
42 46.7 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#

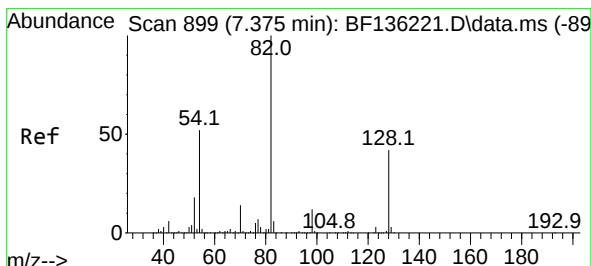
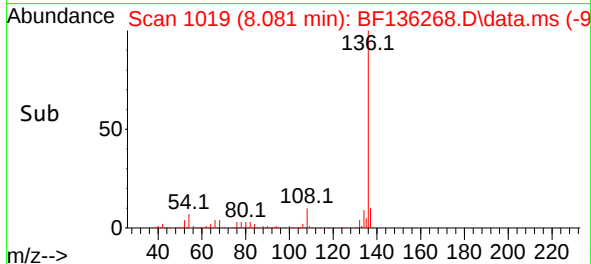
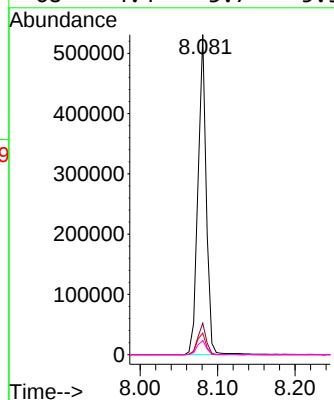
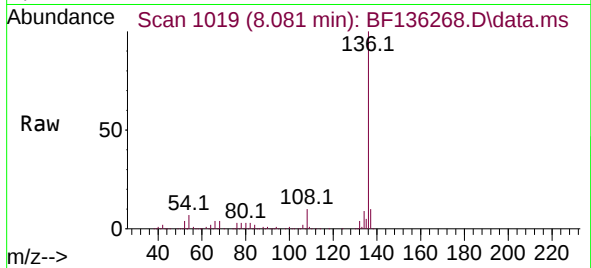




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

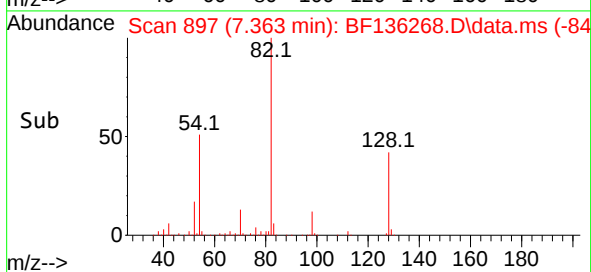
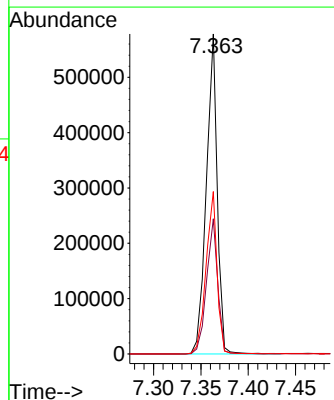
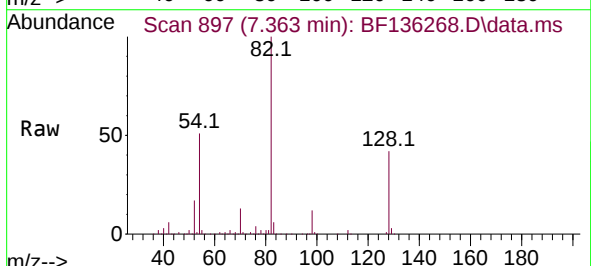
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion:136 Resp: 394362
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 62.182 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion: 82 Resp: 464057
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.2
54 50.7 41.7 62.5

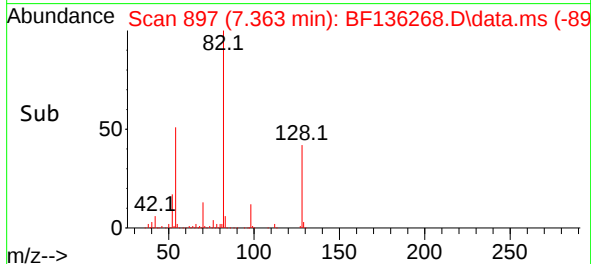
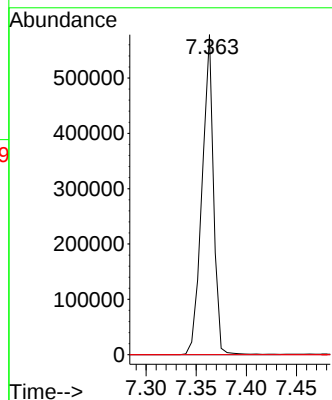
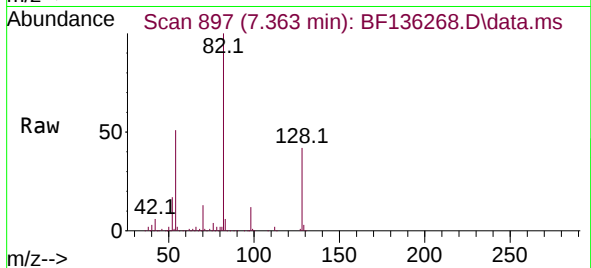




#25
Isophorone
Concen: 34.485 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.264 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

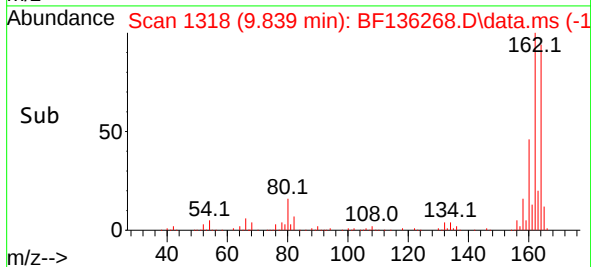
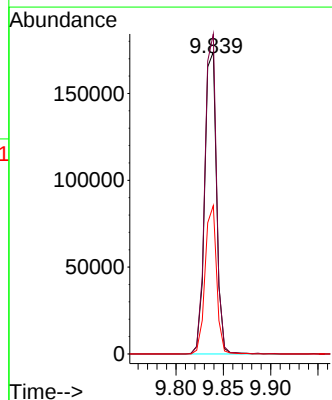
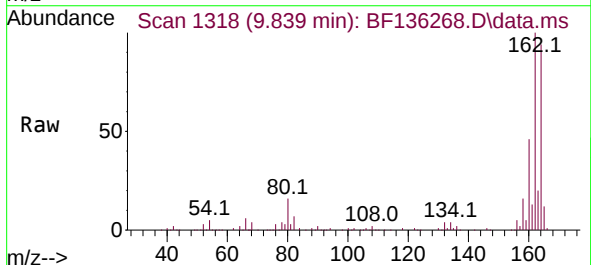
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion: 82 Resp: 464053
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: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion:164 Resp: 151954
Ion Ratio Lower Upper
164 100
162 105.9 89.5 134.3
160 49.1 39.6 59.4

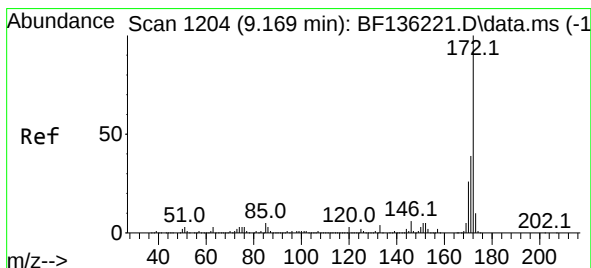
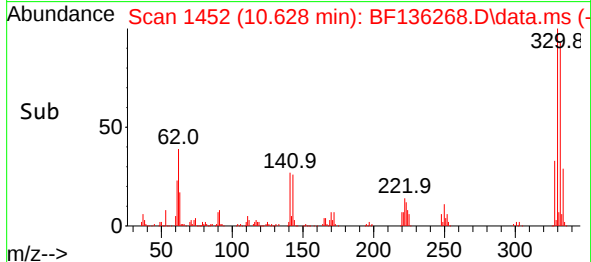
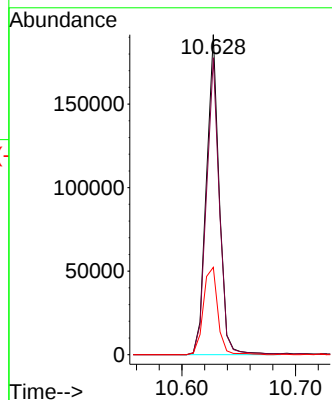
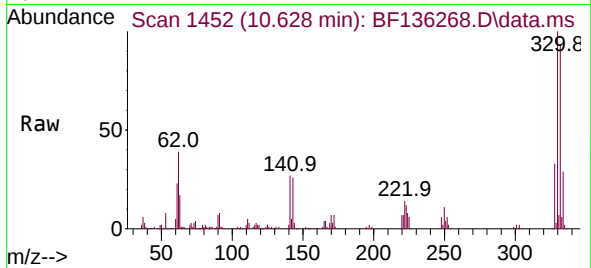




#42
2,4,6-Tribromophenol
Concen: 80.866 ng
RT: 10.628 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

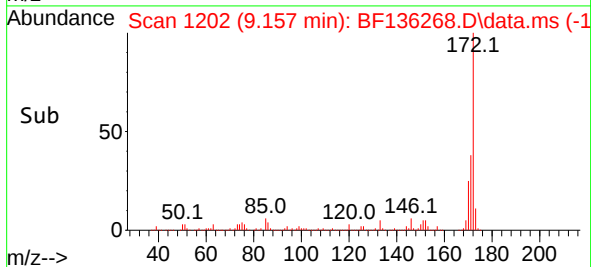
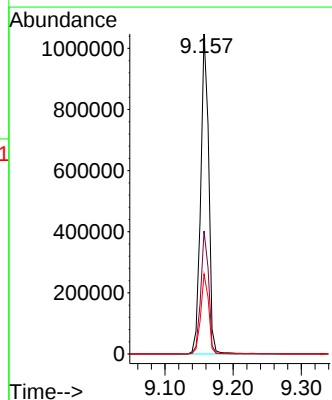
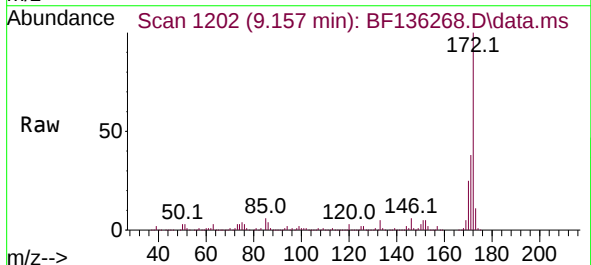
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion:330 Resp: 150230
Ion Ratio Lower Upper
330 100
332 94.3 73.0 109.6
141 30.8 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 72.324 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion:172 Resp: 860397
Ion Ratio Lower Upper
172 100
171 38.4 31.5 47.3
170 25.0 20.8 31.2

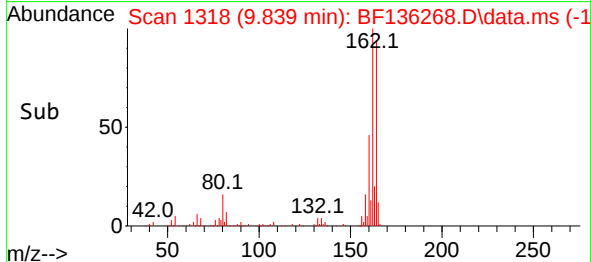
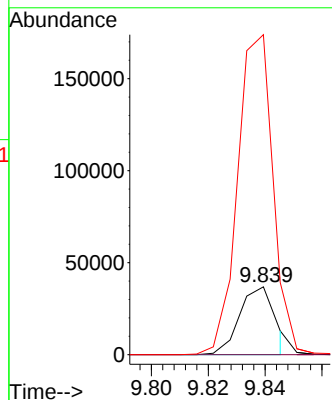
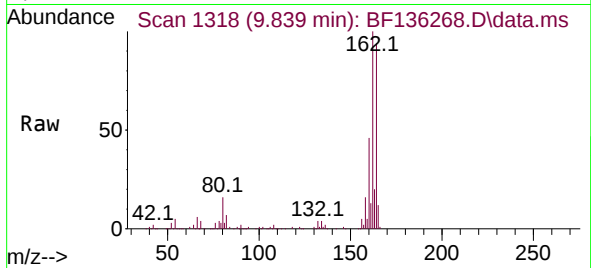




#50
Dimethylphthalate
Concen: 2.779 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

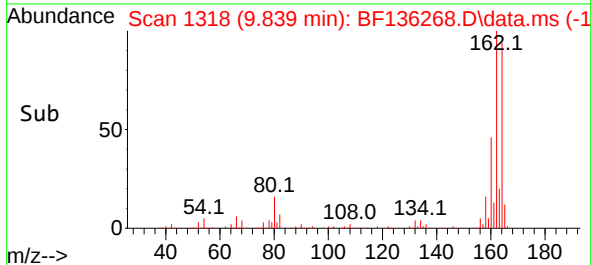
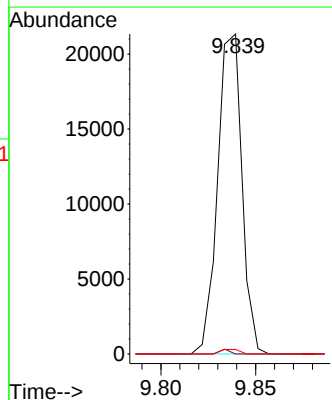
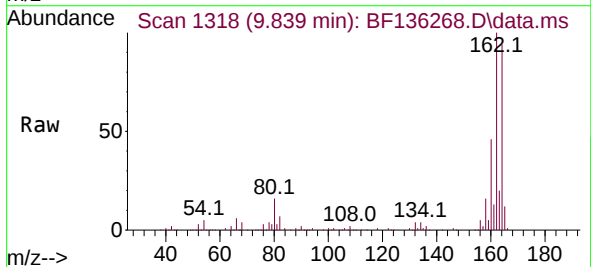
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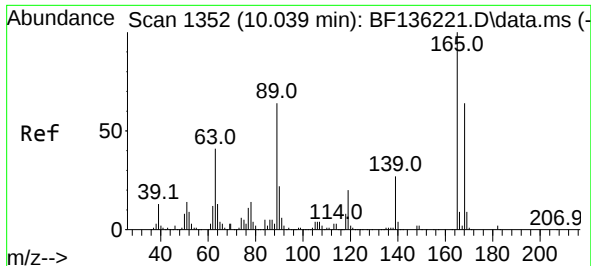
Tgt Ion:163 Resp: 31917
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 471.3 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.128 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

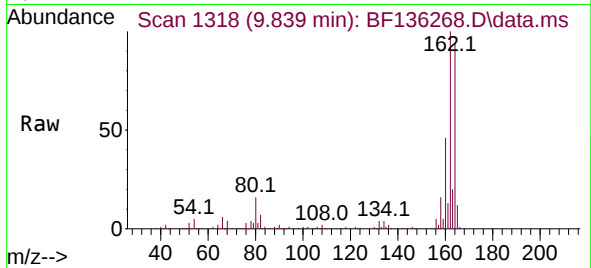
Tgt Ion:165 Resp: 19070
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 1.4 44.9 67.3#



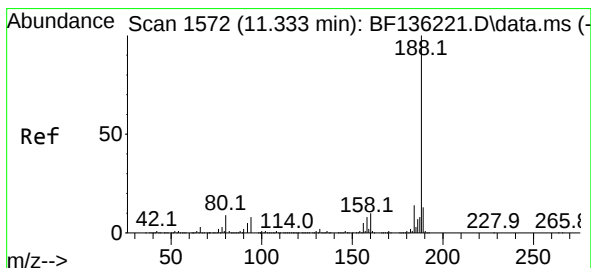
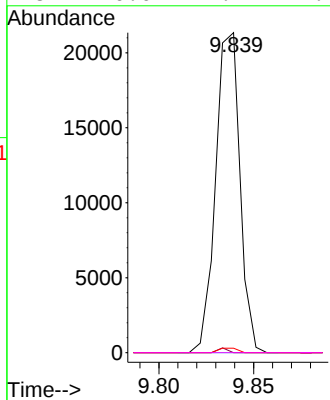
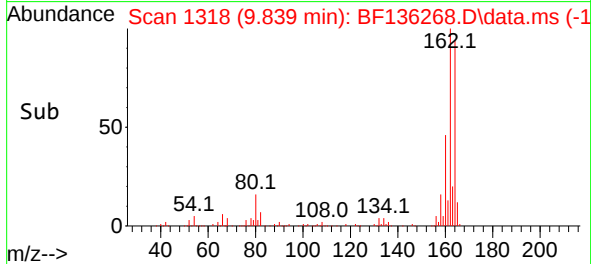


#57
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

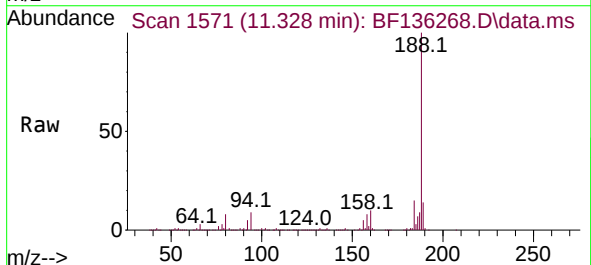
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BCC-8002



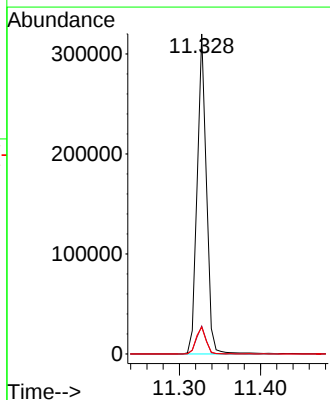
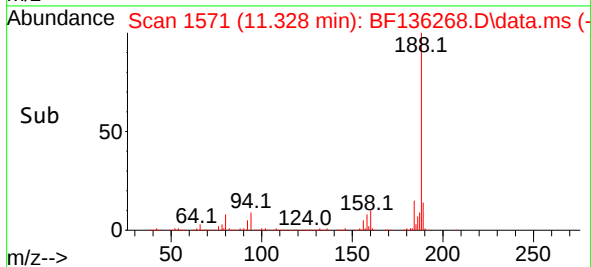
Tgt Ion:165 Resp: 19070
Ion Ratio Lower Upper
165 100
63 0.0 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#

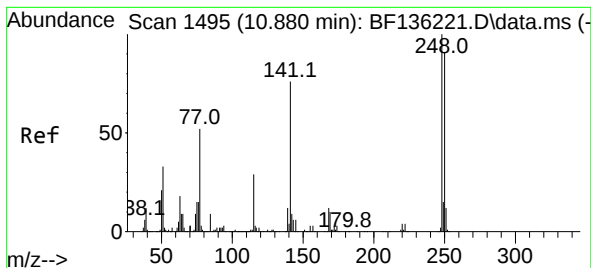


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21



Tgt Ion:188 Resp: 255716
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.4 7.2 10.8

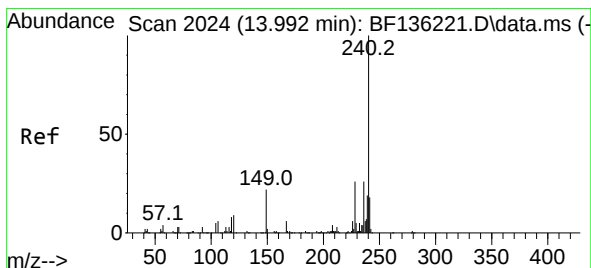
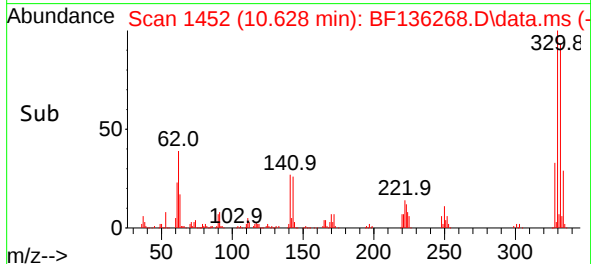
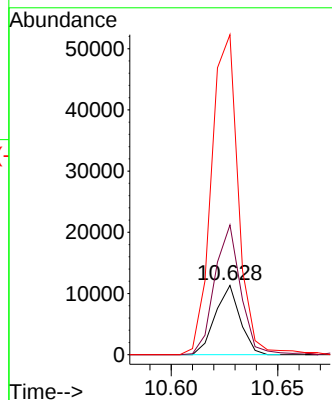
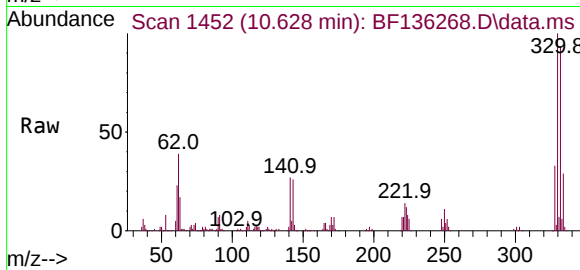




#67
4-Bromophenyl-phenylether
Concen: 3.076 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

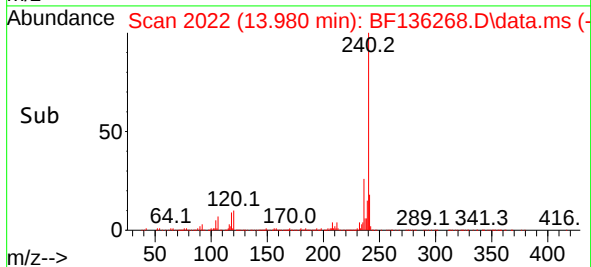
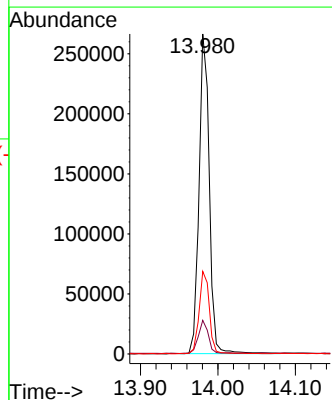
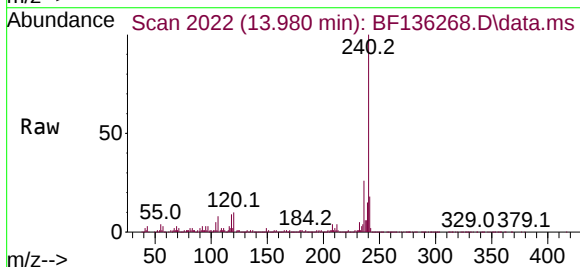
Instrument :
BNA_F
ClientSampleId :
BCC-8002

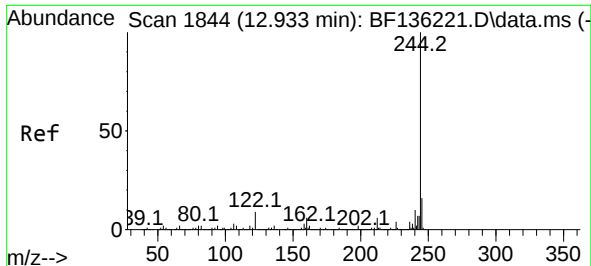
Tgt Ion:248 Resp: 9176
Ion Ratio Lower Upper
248 100
250 187.1 72.5 108.7#
141 461.4 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion:240 Resp: 244385
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.2
236 25.8 21.1 31.7

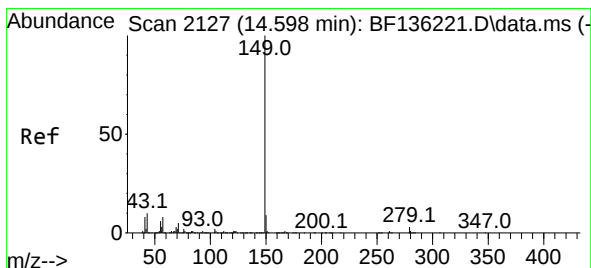
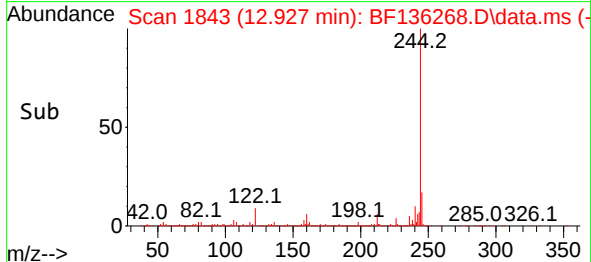
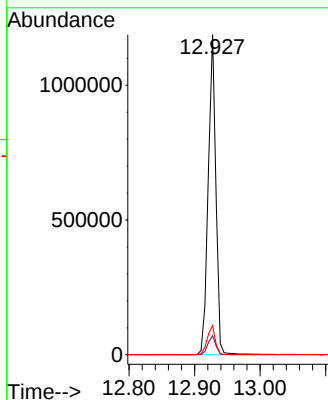
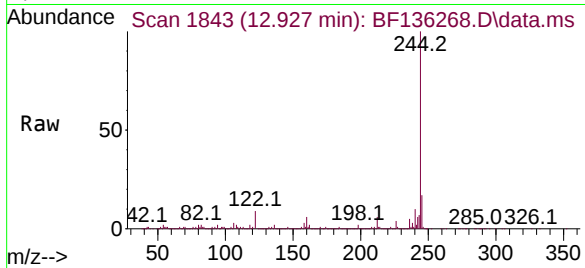




#79
 Terphenyl-d14
 Concen: 45.501 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136268.D
 Acq: 29 Nov 2023 01:21

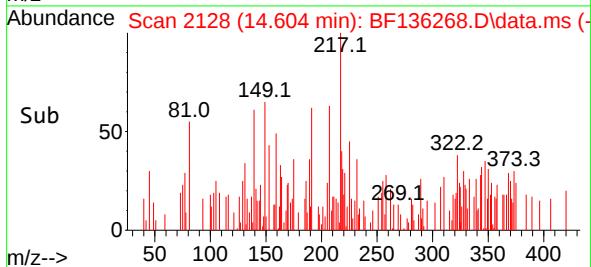
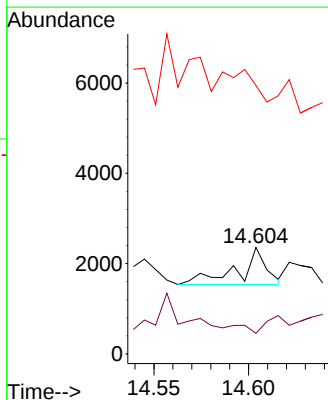
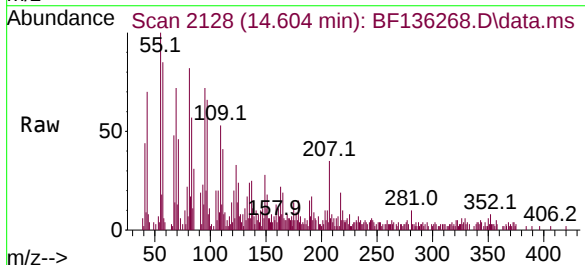
Instrument :
 BNA_F
 ClientSampleId :
 BCC-8002

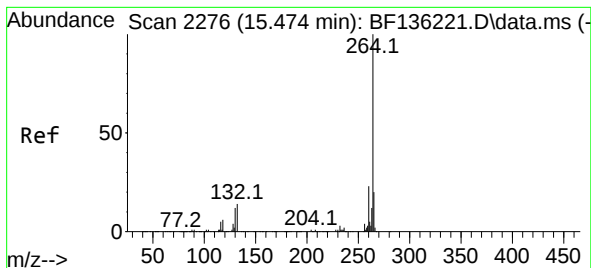
Tgt Ion:244 Resp: 964011
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.1 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.209 ng
 RT: 14.604 min Scan# 2128
 Delta R.T. 0.006 min
 Lab File: BF136268.D
 Acq: 29 Nov 2023 01:21

Tgt Ion:149 Resp: 846
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 0.0 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136268.D

Acq: 29 Nov 2023 01:21

Instrument :

BNA_F

ClientSampleId :

BCC-8002

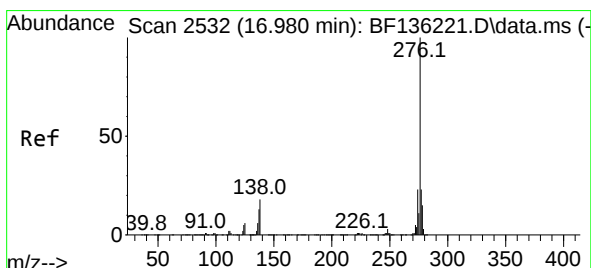
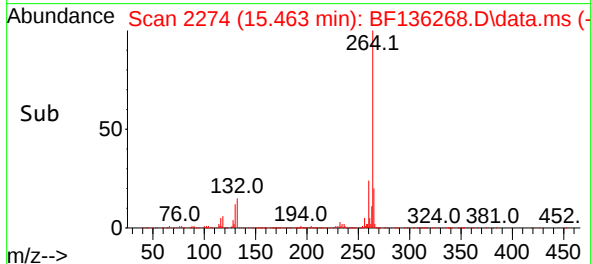
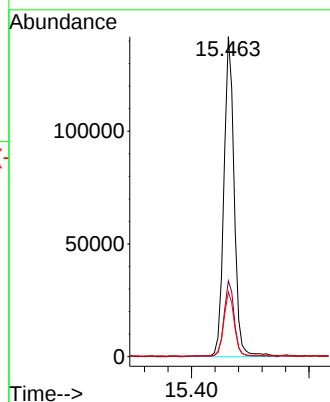
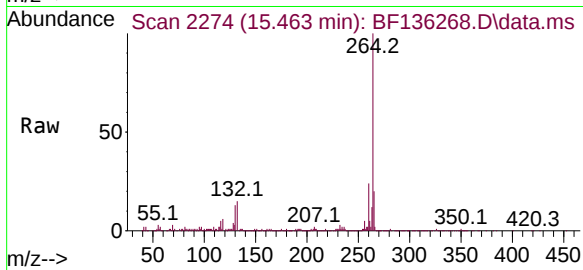
Tgt Ion:264 Resp: 173852

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.3 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.865 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.053 min

Lab File: BF136268.D

Acq: 29 Nov 2023 01:21

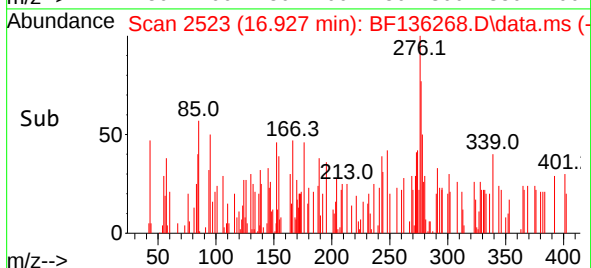
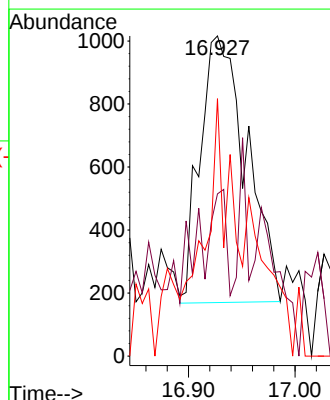
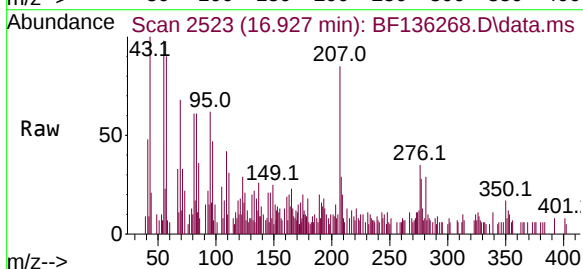
Tgt Ion:276 Resp: 2564

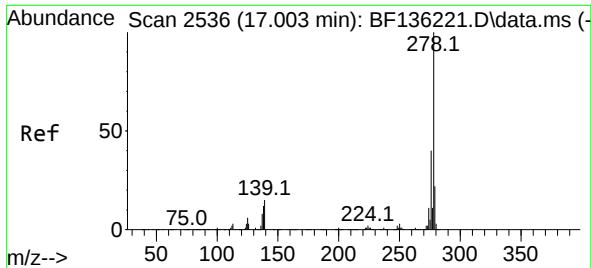
Ion Ratio Lower Upper

276 100

138 18.1 17.7 26.5

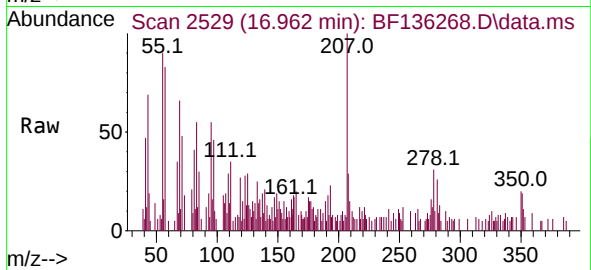
277 55.6 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 2.975 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF136268.D
 Acq: 29 Nov 2023 01:21

Instrument :
 BNA_F
 ClientSampleId :
 BCC-8002



Tgt Ion: 278 Resp: 2896
 Ion Ratio Lower Upper
 278 100
 139 68.3 11.7 17.5#
 279 31.9 17.8 26.8#

