

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136245.D
 Acq On : 28 Nov 2023 12:59
 Operator : CG\JU
 Sample : PB156940TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157271BL

Quant Time: Nov 28 13:28:07 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)

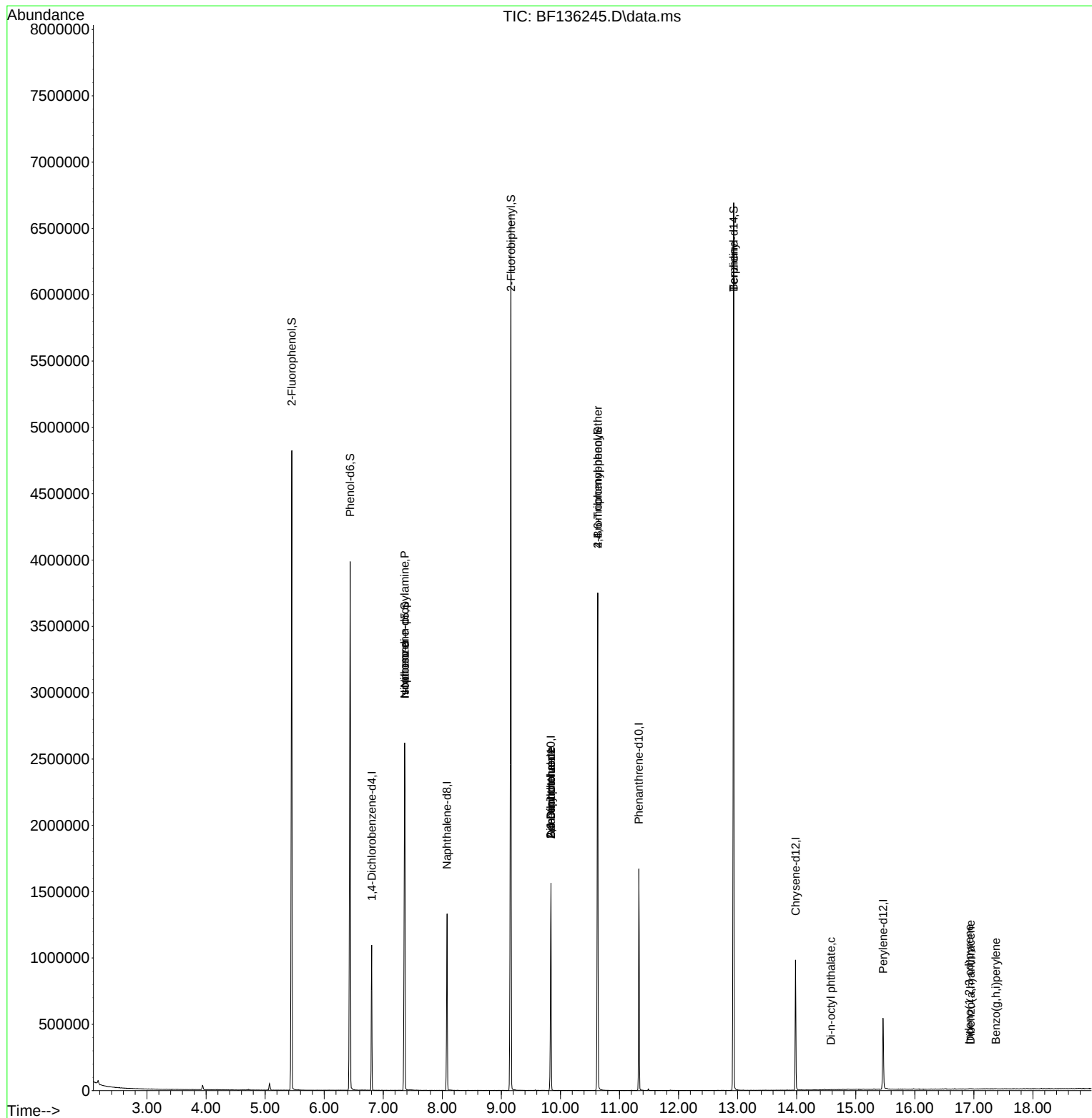
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140238	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	600015	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	307435	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	583373	20.000	ng	0.00
76) Chrysene-d12	13.980	240	319252	20.000	ng	-0.01
86) Perylene-d12	15.462	264	248399	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1335960	132.593	ng	0.01
7) Phenol-d6	6.439	99	1649990	130.970	ng	0.00
23) Nitrobenzene-d5	7.363	82	1036032	91.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	506170	134.668	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2144678	89.105	ng	0.00
79) Terphenyl-d14	12.933	244	2439379	88.137	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	134515	17.852	ng	# 76
25) Isophorone	7.363	82	1031752	50.393	ng	# 68
50) Dimethylphthalate	9.839	163	64638	2.782	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	37798	7.962	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	37798	5.961	ng	# 27
67) 4-Bromophenyl-phenylether	10.633	248	29588	4.347	ng	# 1
77) Benzidine	12.933	184	25104	4.784	ng	# 93
85) Di-n-octyl phthalate	14.580	149	54	5.165	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.921	276	2659	2.814	ng	# 65
91) Dibenzo(a,h)anthracene	16.945	278	2613	2.879	ng	# 58
92) Benzo(g,h,i)perylene	17.374	276	2162	2.040	ng	# 88

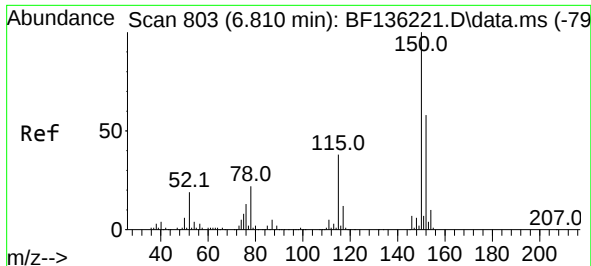
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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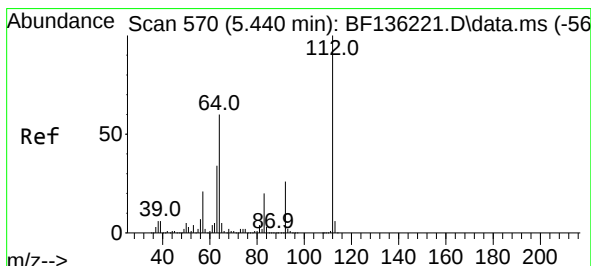
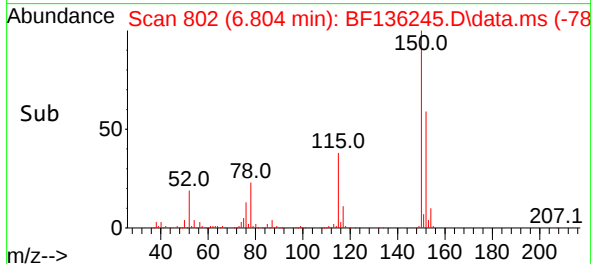
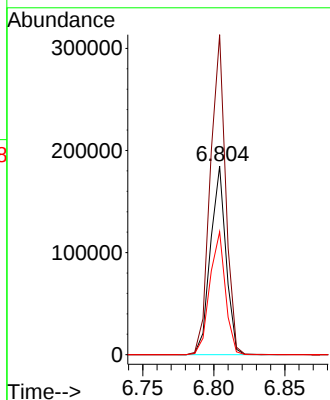
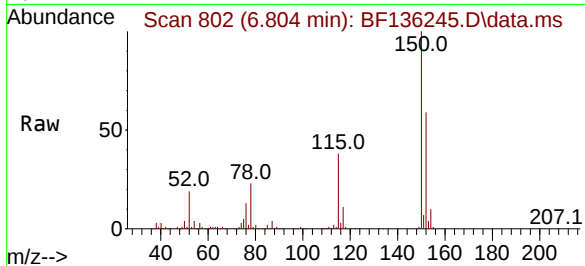




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

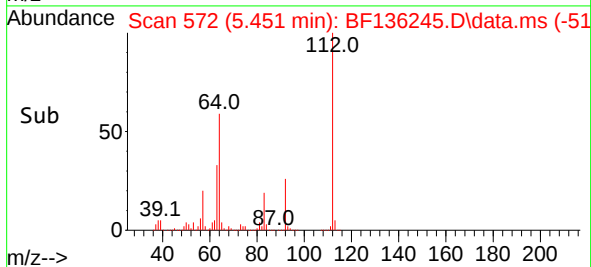
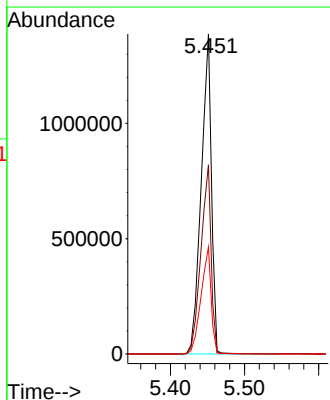
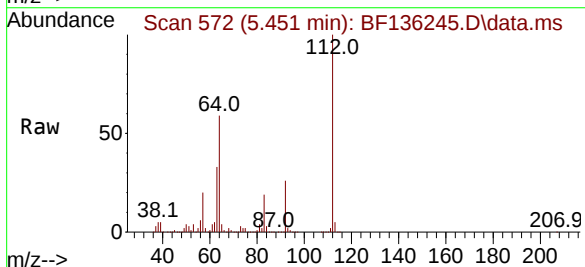
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BNA_F
ClientSampleId :
PB157271BL

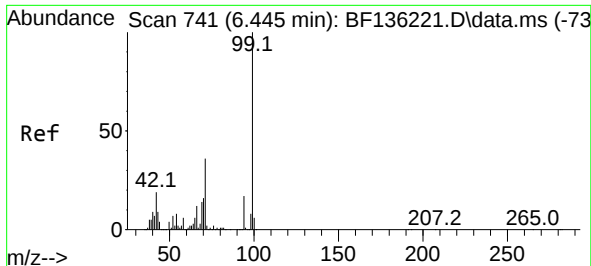
Tgt Ion:152 Resp: 140238
Ion Ratio Lower Upper
152 100
150 169.6 137.8 206.8
115 65.1 52.7 79.1



#5
2-Fluorophenol
Concen: 132.593 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:112 Resp: 1335960
Ion Ratio Lower Upper
112 100
64 59.1 48.2 72.4
63 33.4 27.0 40.6

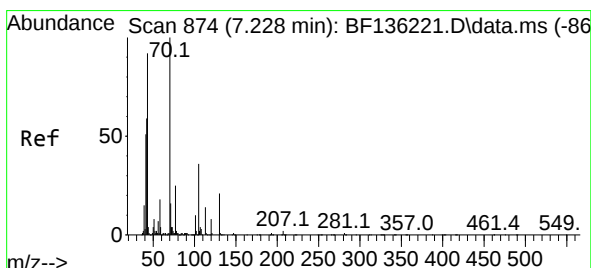
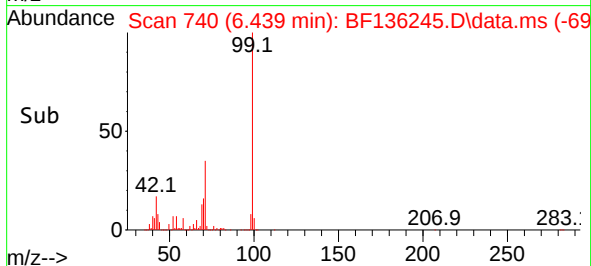
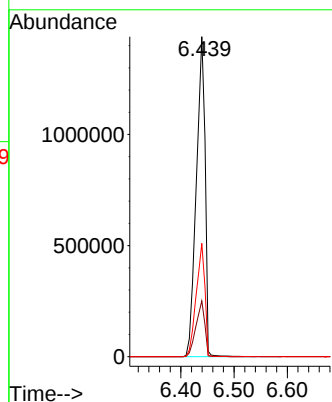
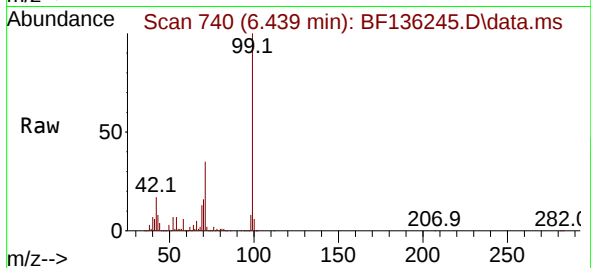




#7
Phenol-d6
Concen: 130.970 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

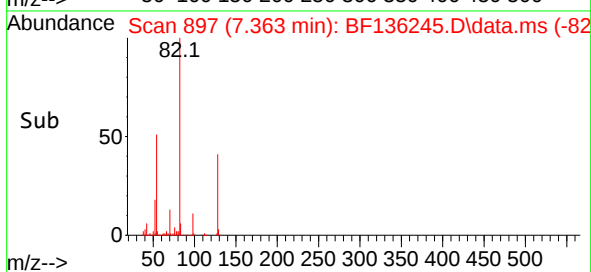
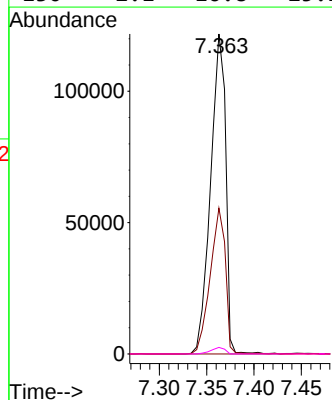
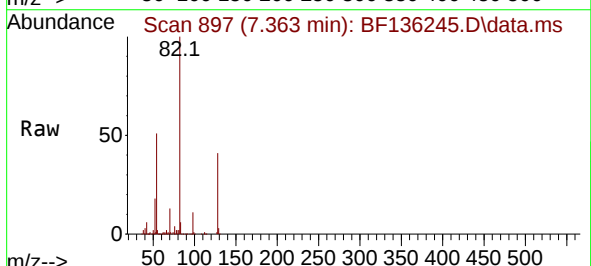
Instrument :
BNA_F
ClientSampleId :
PB157271BL

Tgt Ion: 99 Resp: 1649990
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.6
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.852 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion: 70 Resp: 134515
Ion Ratio Lower Upper
70 100
42 45.6 47.0 70.4#
101 0.0 7.8 11.8#
130 2.1 16.8 25.2#

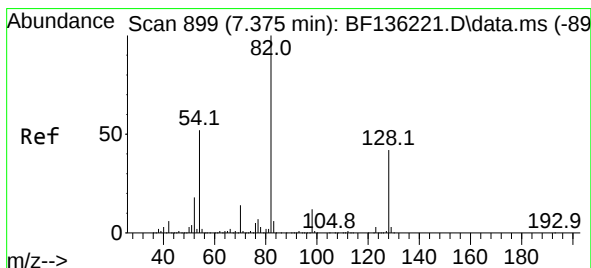
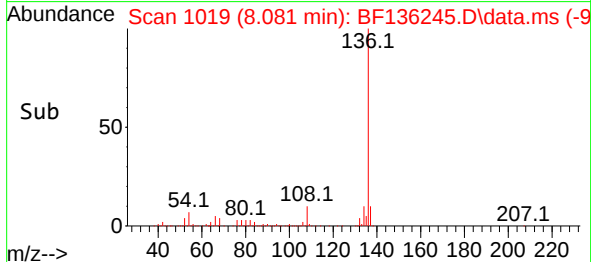
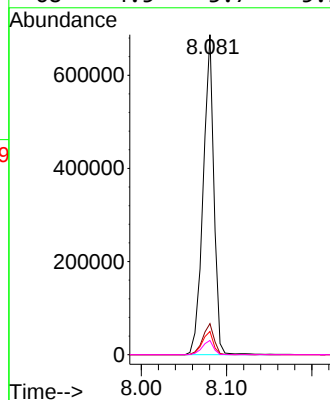
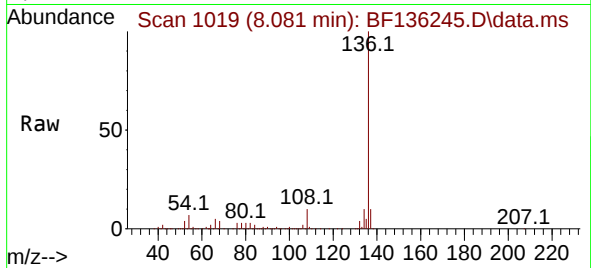




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

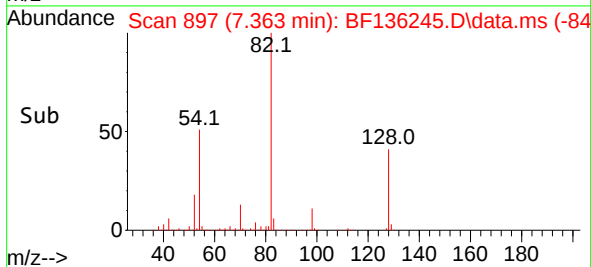
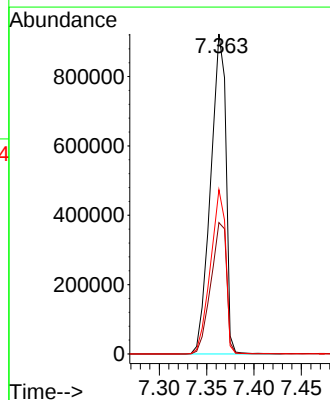
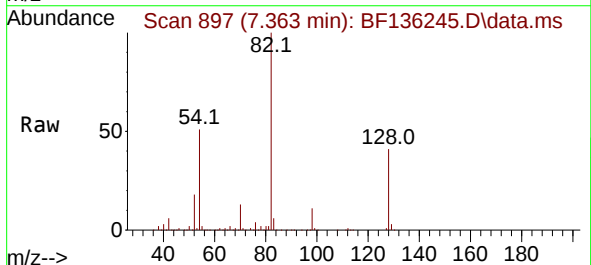
Instrument :
BNA_F
ClientSampleId :
PB157271BL

Tgt Ion:136 Resp: 600015
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 7.3 5.5 8.3
68 4.5 3.7 5.5



#23
Nitrobenzene-d5
Concen: 91.243 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion: 82 Resp: 1036032
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 51.3 41.7 62.5

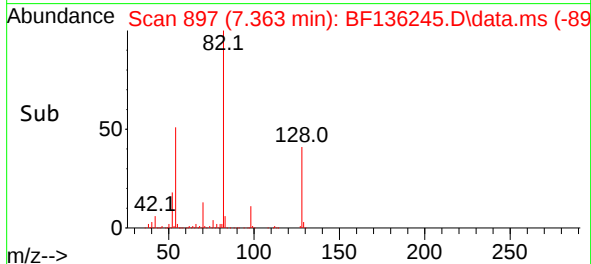
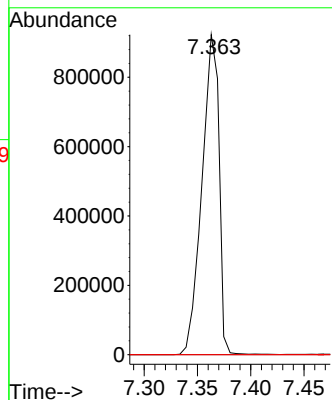
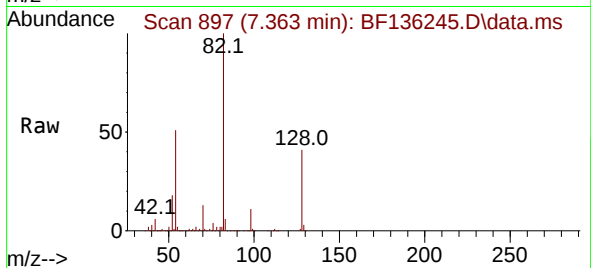




#25
Isophorone
Concen: 50.393 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

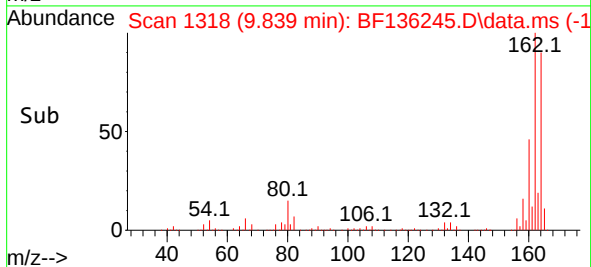
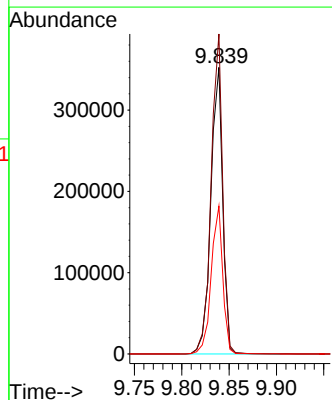
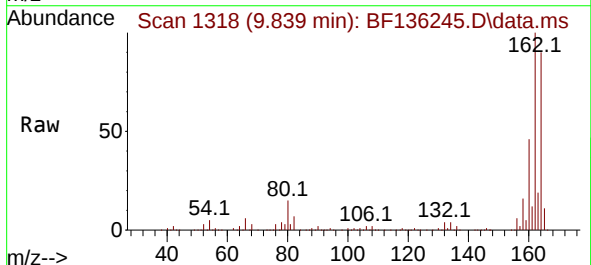
Instrument :
BNA_F
ClientSampleId :
PB157271BL

Tgt Ion: 82 Resp: 1031752
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: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:164 Resp: 307435
Ion Ratio Lower Upper
164 100
162 111.7 89.5 134.3
160 51.6 39.6 59.4

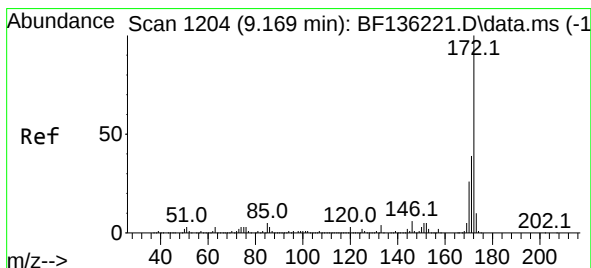
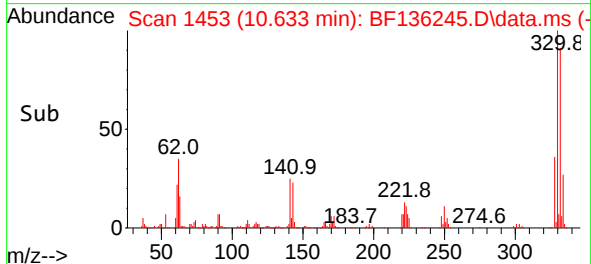
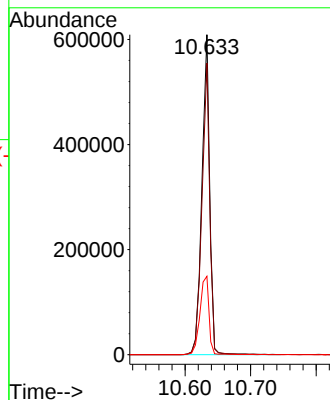
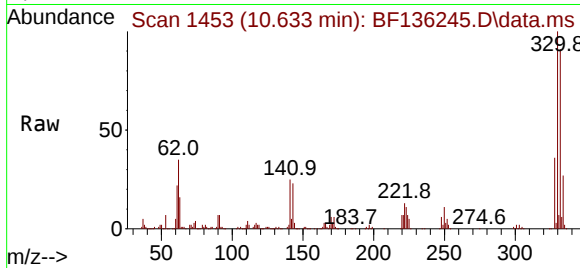




#42
2,4,6-Tribromophenol
Concen: 134.668 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

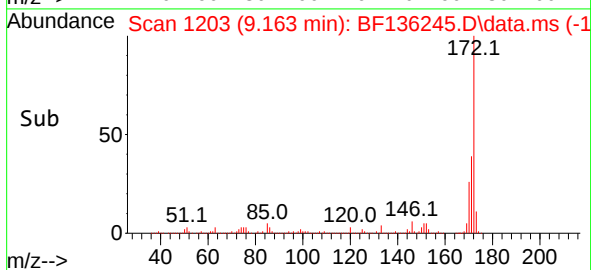
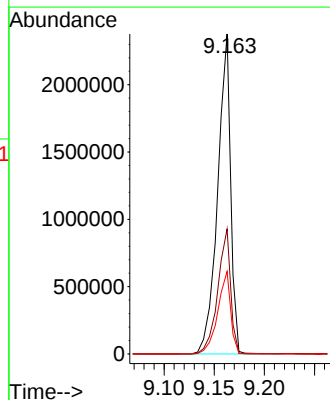
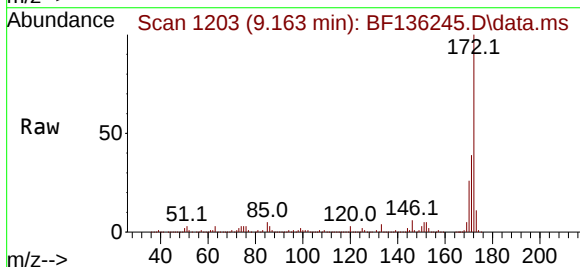
Instrument :
BNA_F
ClientSampleId :
PB157271BL

Tgt Ion:330 Resp: 506170
Ion Ratio Lower Upper
330 100
332 91.4 73.0 109.6
141 28.5 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 89.105 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:172 Resp: 2144678
Ion Ratio Lower Upper
172 100
171 39.0 31.5 47.3
170 25.8 20.8 31.2

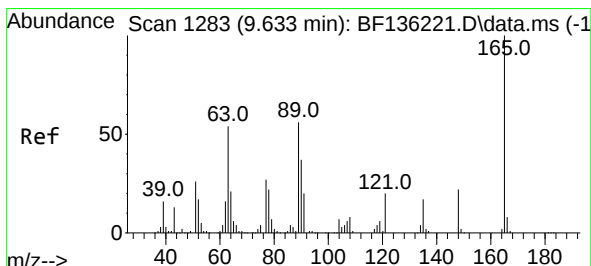
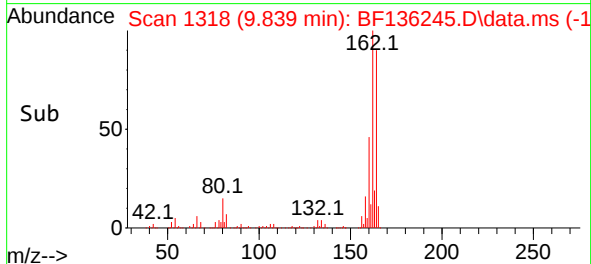
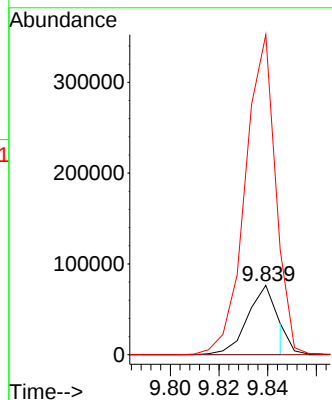
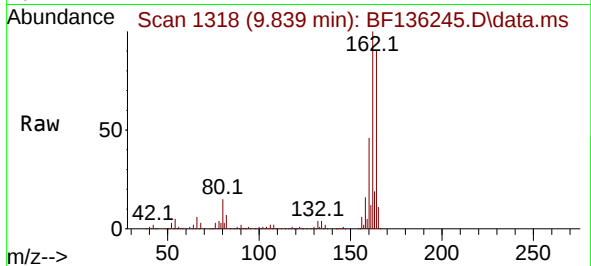




#50
Dimethylphthalate
Concen: 2.782 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

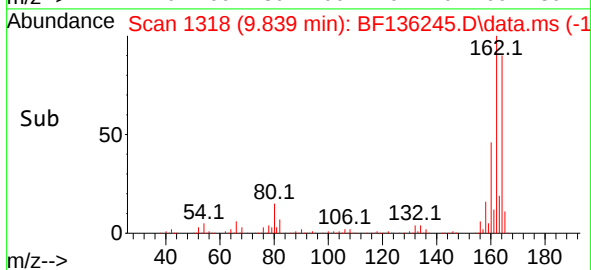
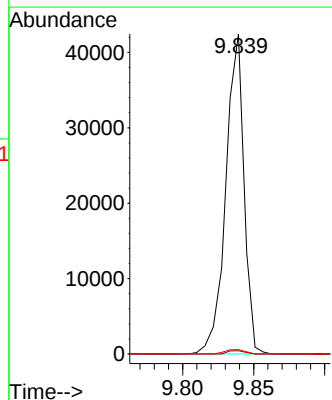
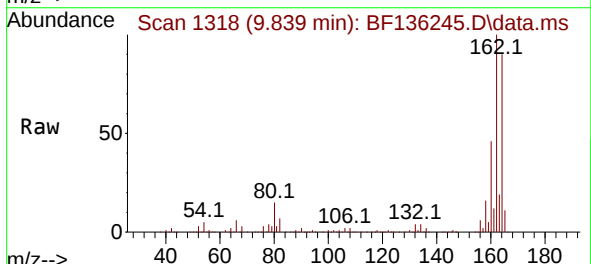
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BNA_F
ClientSampleId :
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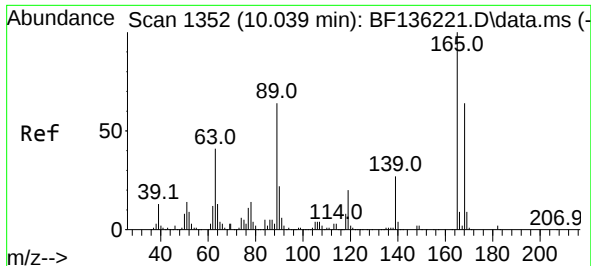
Tgt Ion:163 Resp: 64638
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 462.2 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

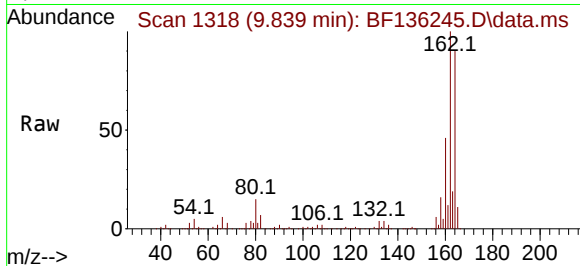
Tgt Ion:165 Resp: 37798
Ion Ratio Lower Upper
165 100
63 1.0 46.2 69.2#
89 1.4 44.9 67.3#



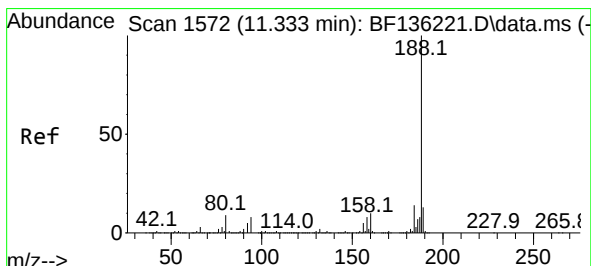
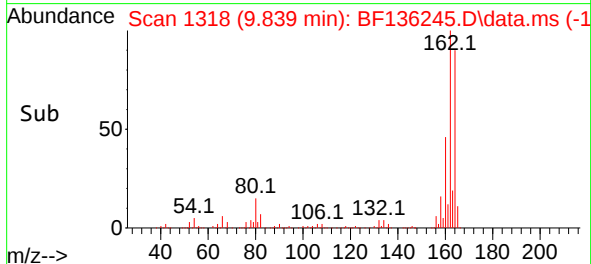
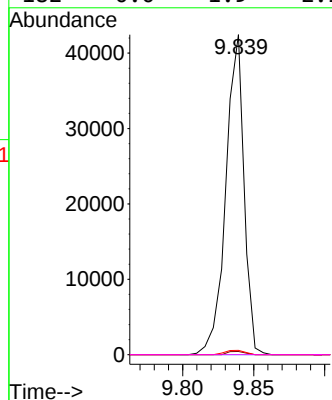


#57
2,4-Dinitrotoluene
Concen: 5.961 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Instrument :
BNA_F
ClientSampleId :
PB157271BL

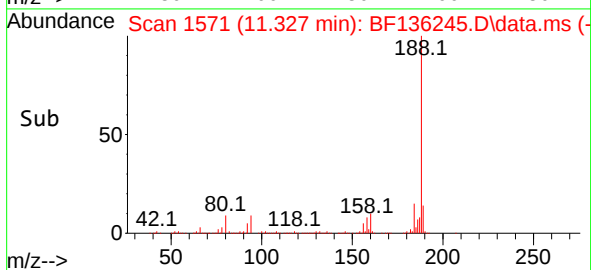
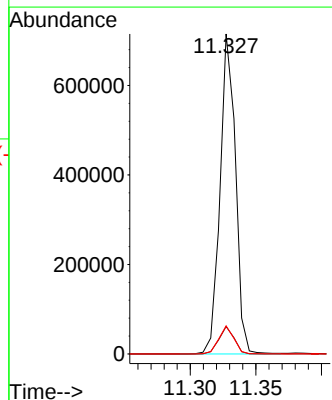
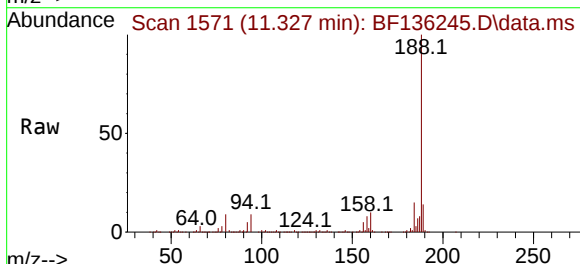


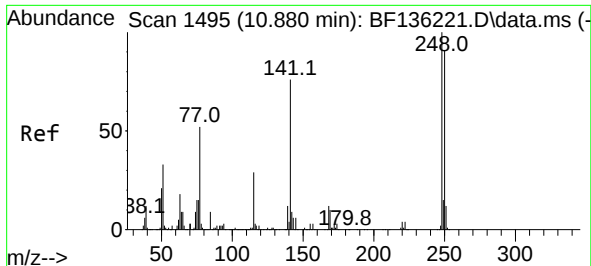
Tgt Ion:165 Resp: 37798
Ion Ratio Lower Upper
165 100
63 1.0 33.0 49.4#
89 1.4 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:188 Resp: 583373
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.8 7.2 10.8

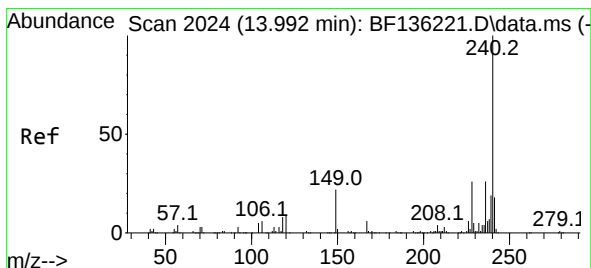
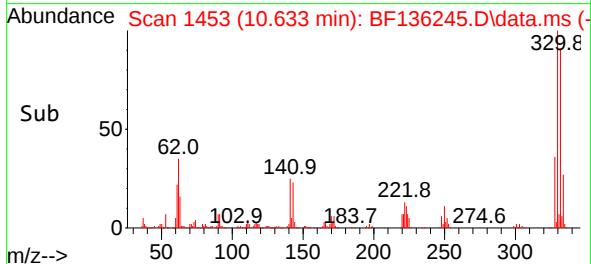
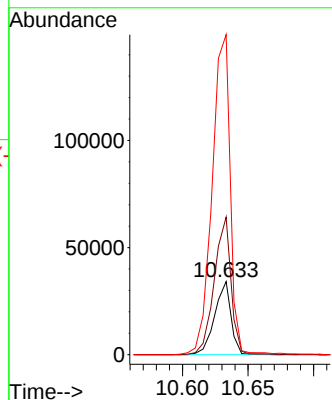
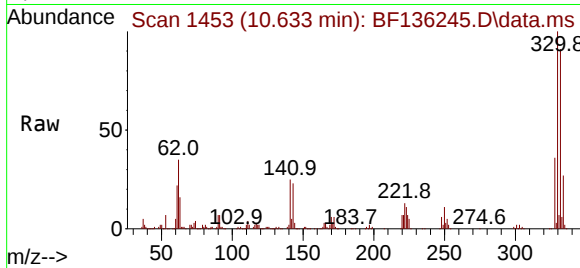




#67
4-Bromophenyl-phenylether
Concen: 4.347 ng
RT: 10.633 min Scan# 1495
Delta R.T. -0.247 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

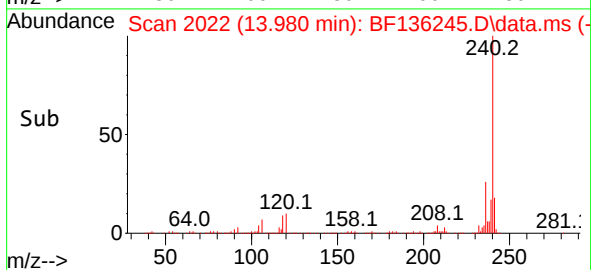
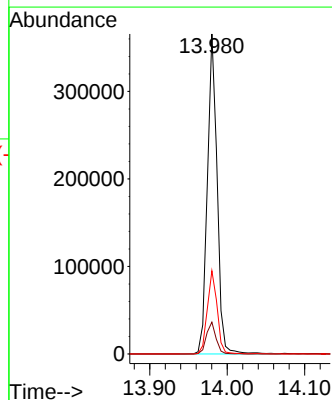
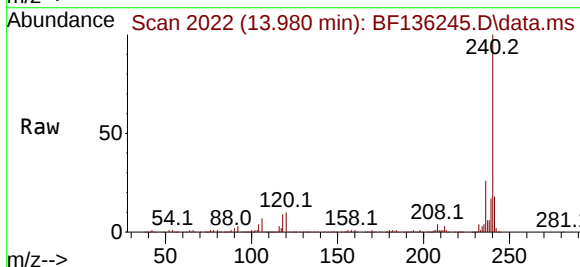
Instrument :
BNA_F
ClientSampleId :
PB157271BL

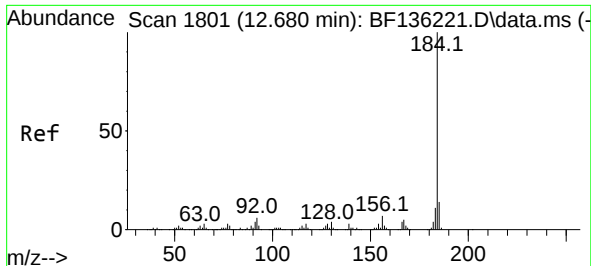
Tgt Ion:248 Resp: 29588
Ion Ratio Lower Upper
248 100
250 187.9 72.5 108.7#
141 437.2 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:240 Resp: 319252
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 26.0 21.1 31.7

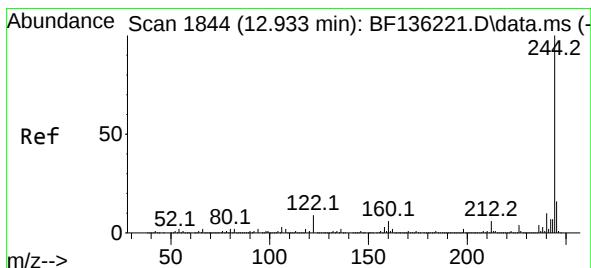
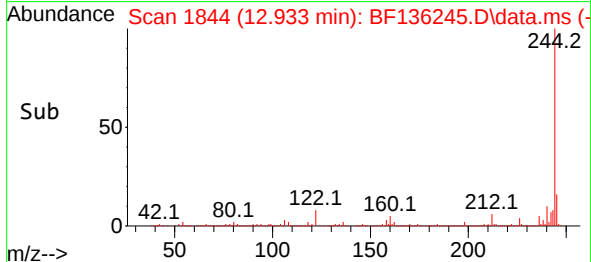
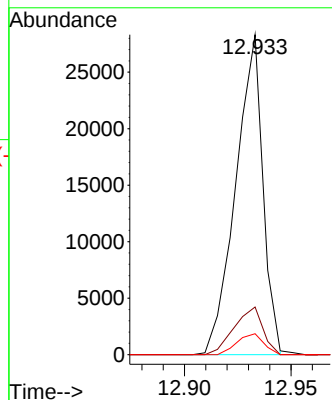
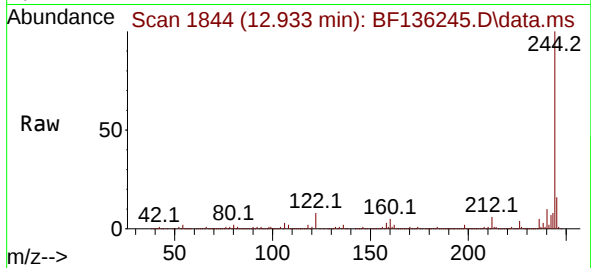




#77
Benzidine
Concen: 4.784 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

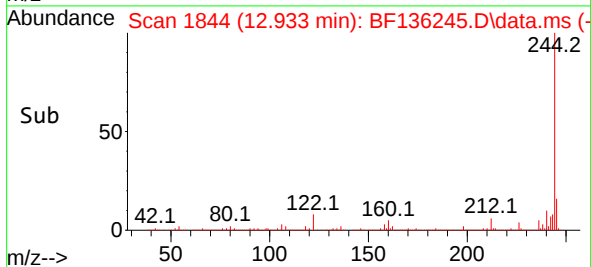
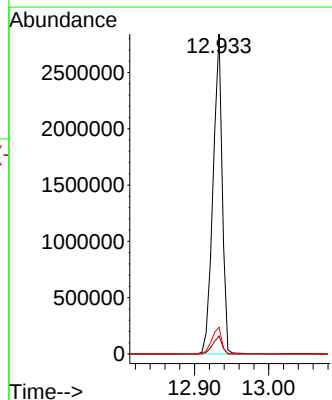
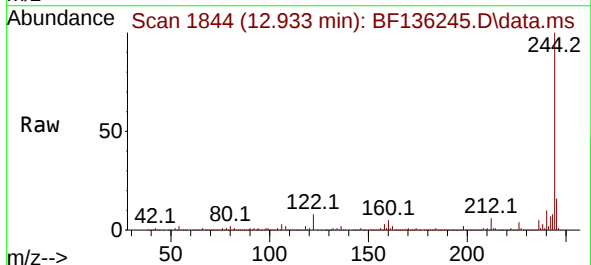
Instrument :
BNA_F
ClientSampleId :
PB157271BL

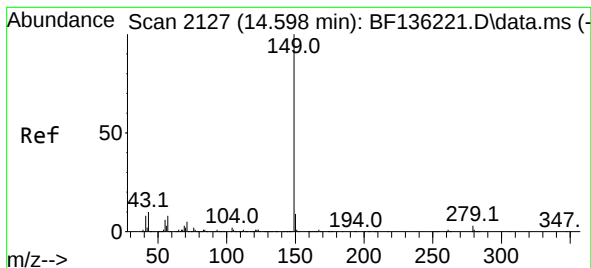
Tgt Ion:184 Resp: 25104
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 6.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 88.137 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF136245.D
Acq: 28 Nov 2023 12:59

Tgt Ion:244 Resp: 2439379
Ion Ratio Lower Upper
244 100
212 5.6 4.6 7.0
122 8.3 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.165 ng

RT: 14.580 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BF136245.D

Acq: 28 Nov 2023 12:59

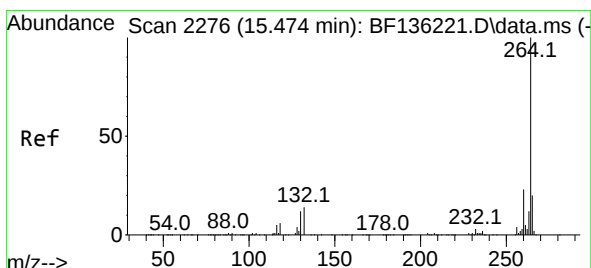
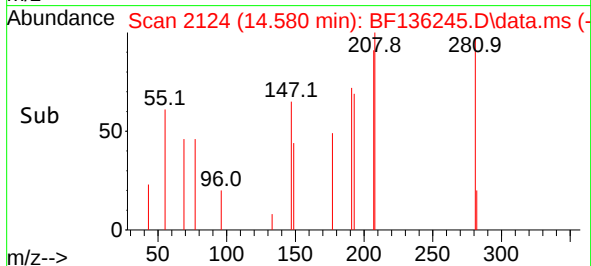
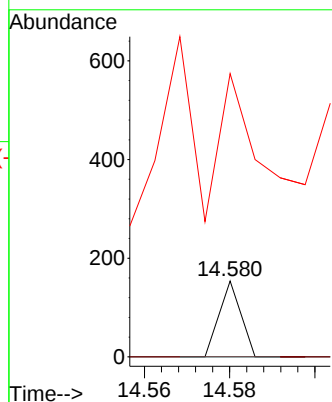
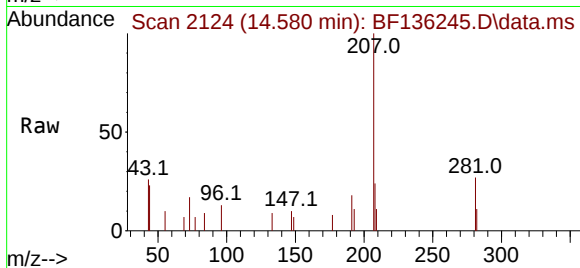
Instrument :

BNA_F

ClientSampleId :

PB157271BL

Tgt Ion:149	Resp:	54
Ion Ratio	Lower	Upper
149	100	
167	0.0	1.0 1.6#
43	344.4	7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

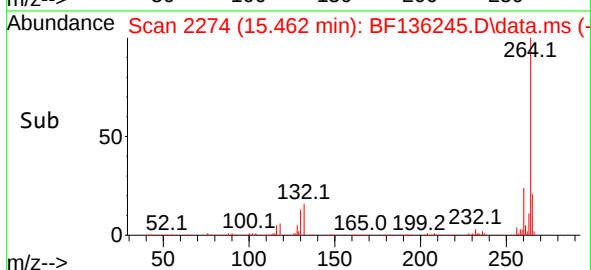
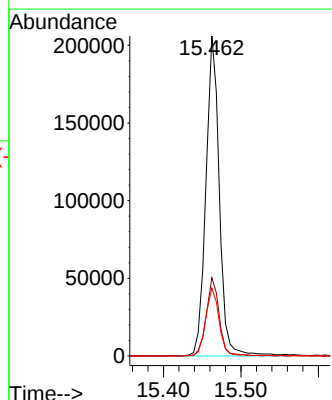
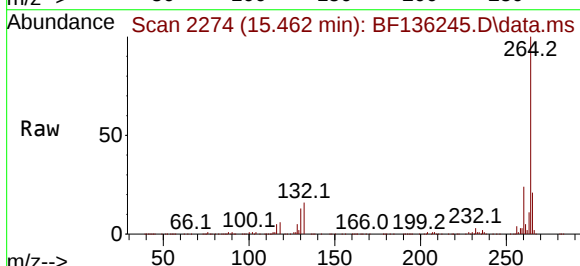
RT: 15.462 min Scan# 2274

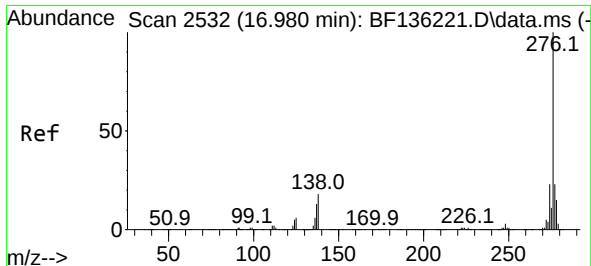
Delta R.T. -0.012 min

Lab File: BF136245.D

Acq: 28 Nov 2023 12:59

Tgt Ion:264	Resp:	248399
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.6 27.8
265	21.2	15.7 23.5

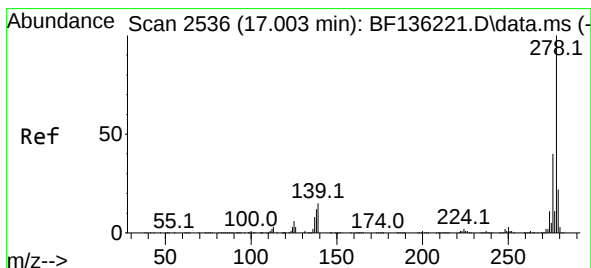
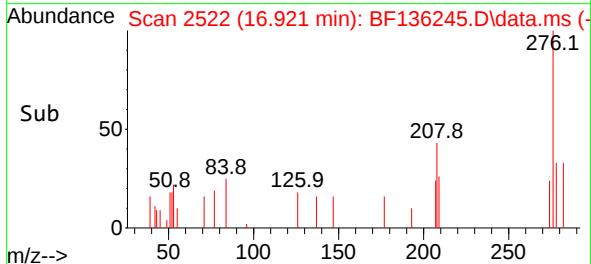
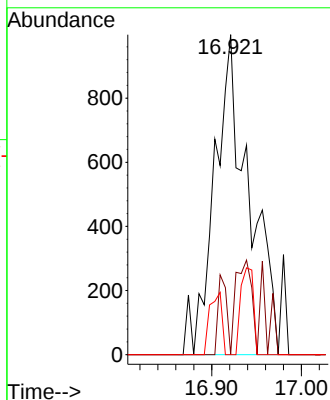
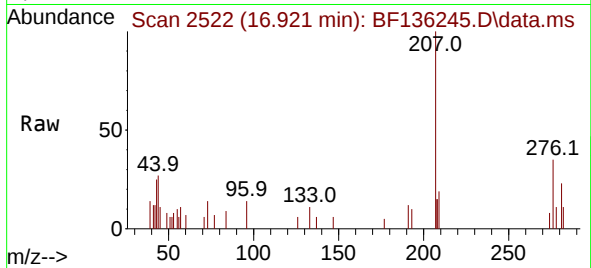




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.814 ng
 RT: 16.921 min Scan# 21
 Delta R.T. -0.059 min
 Lab File: BF136245.D
 Acq: 28 Nov 2023 12:59

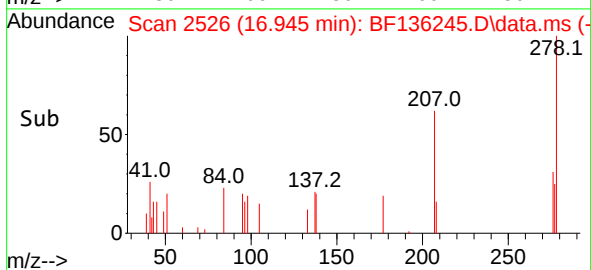
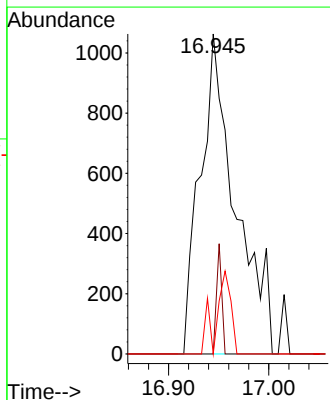
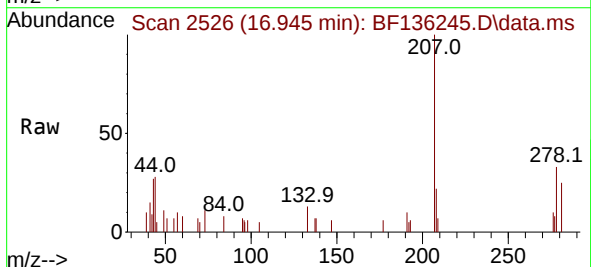
Instrument :
 BNA_F
 ClientSampleId :
 PB157271BL

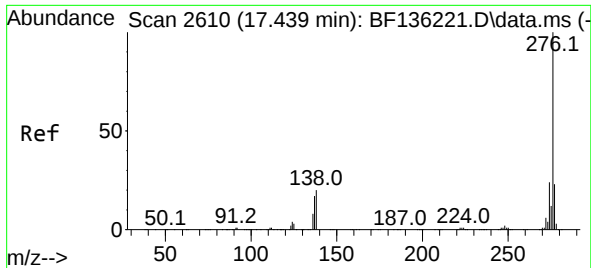
Tgt Ion:276 Resp: 2659
 Ion Ratio Lower Upper
 276 100
 138 6.1 17.7 26.5#
 277 6.8 19.6 29.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 2.879 ng
 RT: 16.945 min Scan# 2526
 Delta R.T. -0.058 min
 Lab File: BF136245.D
 Acq: 28 Nov 2023 12:59

Tgt Ion:278 Resp: 2613
 Ion Ratio Lower Upper
 278 100
 139 0.0 11.7 17.5#
 279 0.0 17.8 26.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.040 ng
 RT: 17.374 min Scan# 21
 Delta R.T. -0.065 min
 Lab File: BF136245.D
 Acq: 28 Nov 2023 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB157271BL

Tgt Ion:	276	Resp:	2162
Ion	Ratio	Lower	Upper
276	100		
277	30.8	18.6	27.8#
138	23.8	15.8	23.8#

