

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136763.D
 Acq On : 27 Dec 2023 17:49
 Operator : CG\JU
 Sample : PB157875TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157875TB

Quant Time: Dec 27 22:44:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

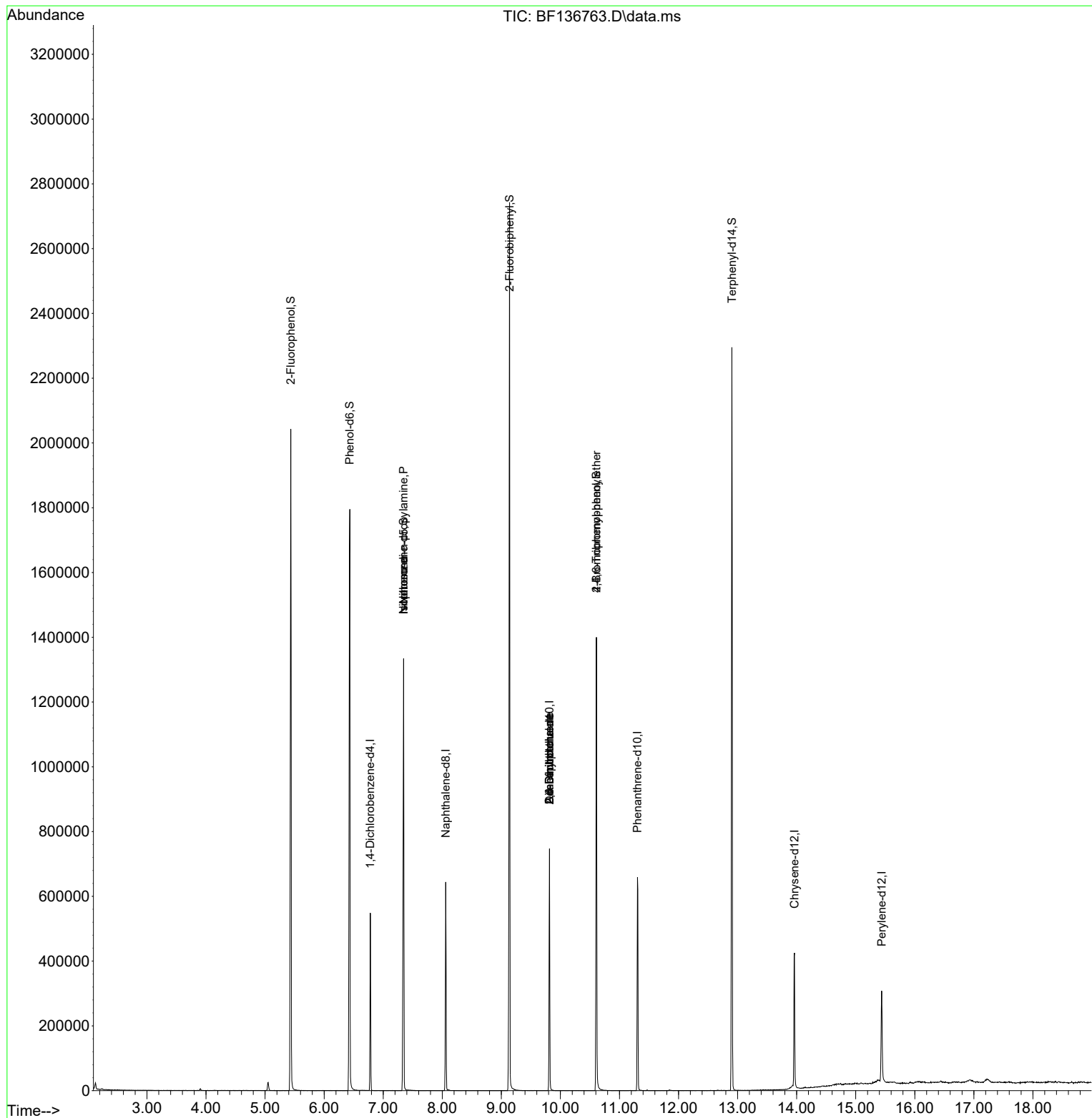
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73914	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278238	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	142783	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	260138	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	156989	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	145648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	559646	118.138	ng	0.00
7) Phenol-d6	6.434	99	690941	112.563	ng	0.00
23) Nitrobenzene-d5	7.345	82	438642	80.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	180278	107.207	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	860158	81.025	ng	-0.01
79) Terphenyl-d14	12.904	244	853894	76.011	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	58152	15.628	ng	# 72
25) Isophorone	7.345	82	435228	43.989	ng	# 65
50) Dimethylphthalate	9.816	163	28822	2.764	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17995	7.603	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17995	5.856	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10459	3.620	ng	# 1

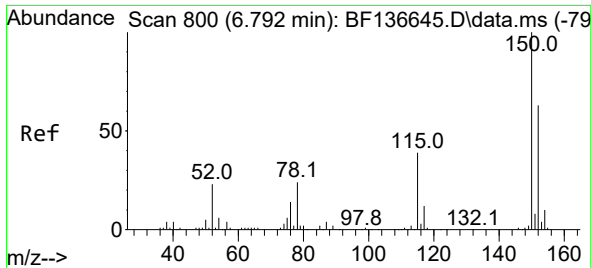
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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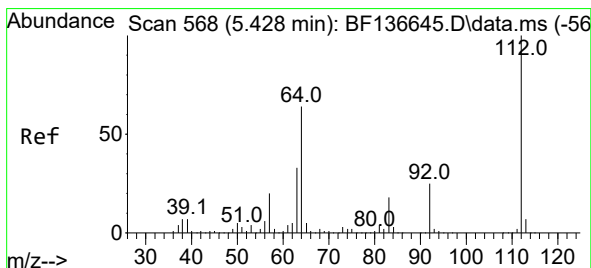
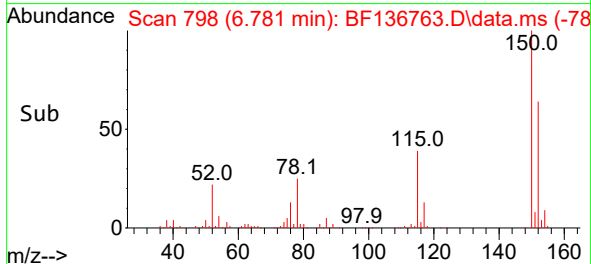
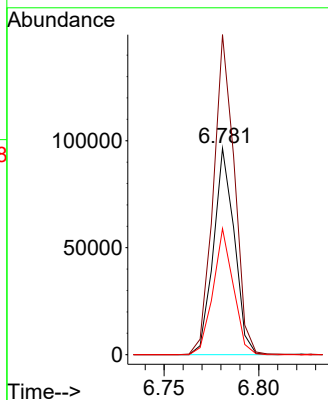
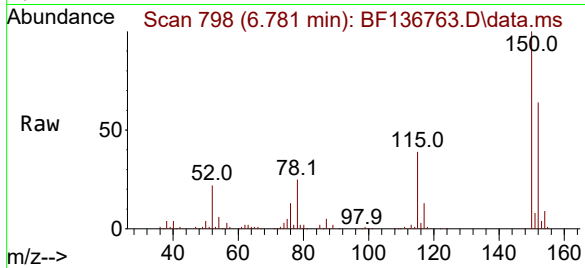




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

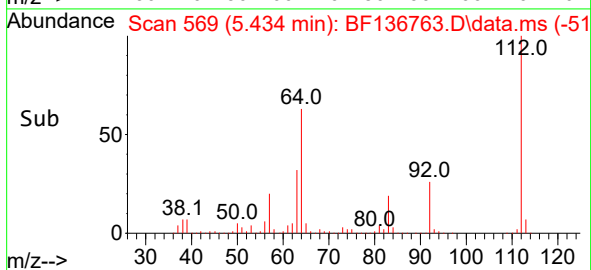
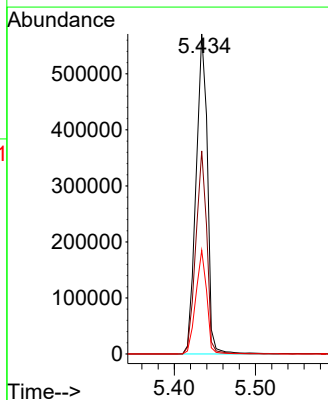
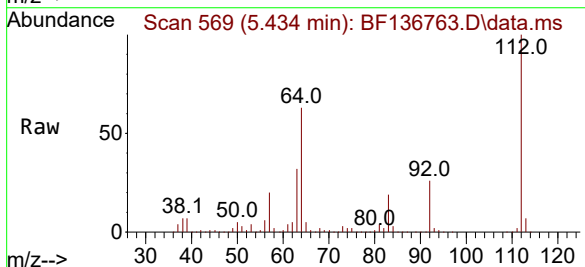
Instrument :
BNA_F
ClientSampleId :
PB157875TB

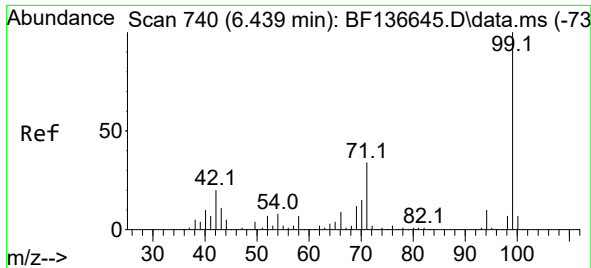
Tgt Ion:152 Resp: 73914
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 118.138 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:112 Resp: 559646
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 32.4 26.1 39.1

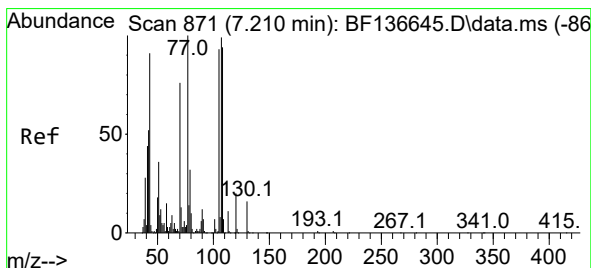
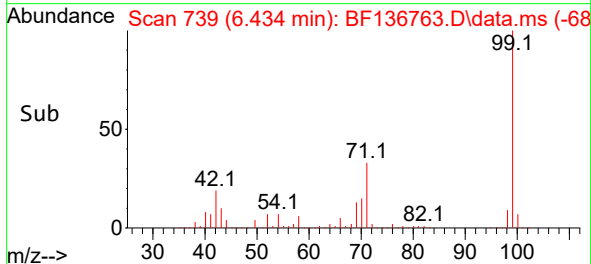
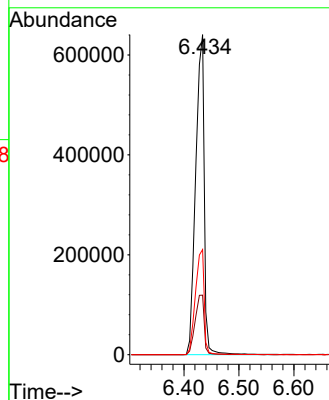
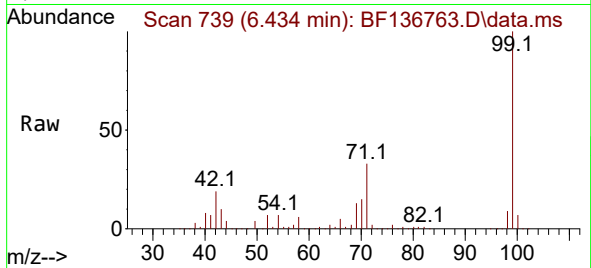




#7
Phenol-d6
Concen: 112.563 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

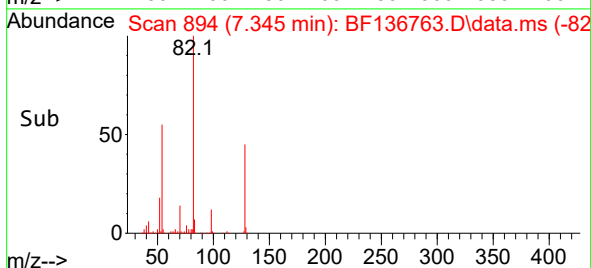
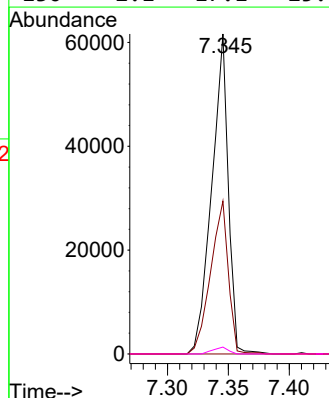
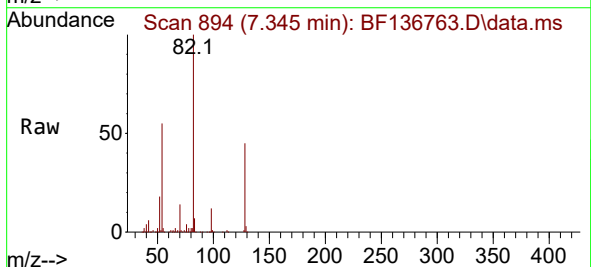
Instrument :
BNA_F
ClientSampleId :
PB157875TB

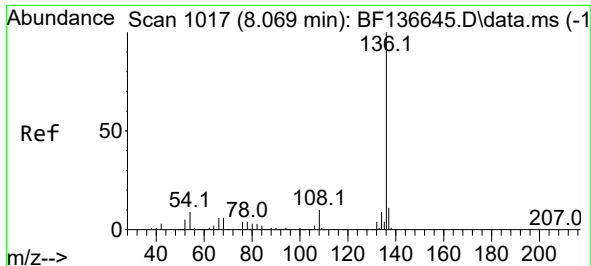
Tgt Ion: 99 Resp: 690941
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.628 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 70 Resp: 58152
Ion Ratio Lower Upper
70 100
42 47.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#

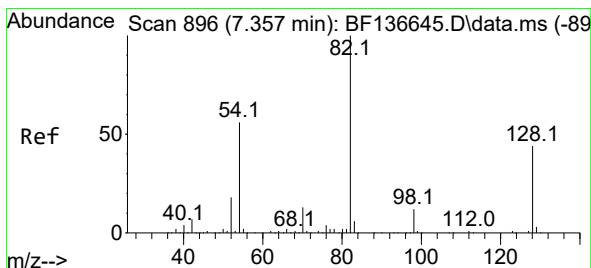
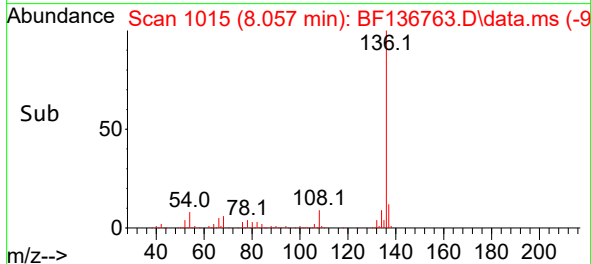
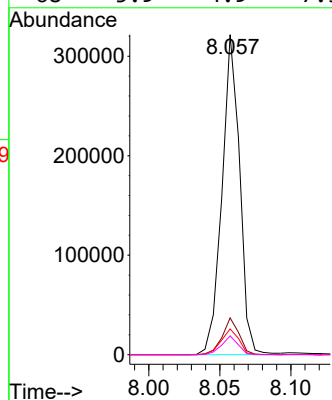
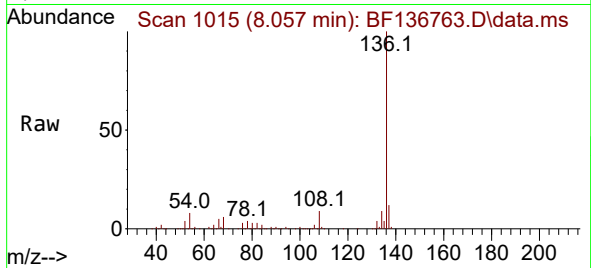




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

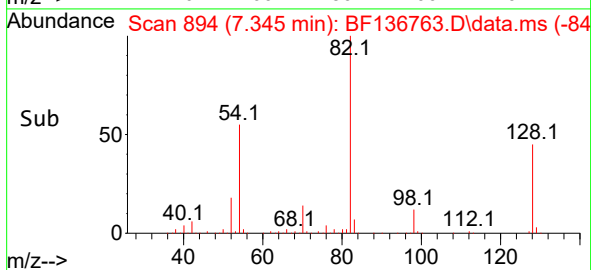
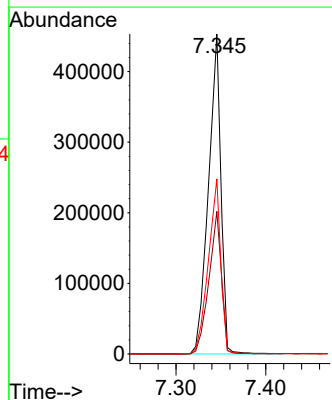
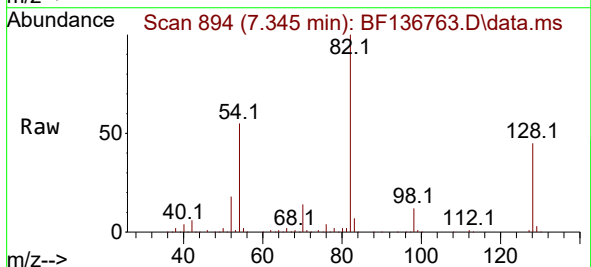
Instrument :
BNA_F
ClientSampleId :
PB157875TB

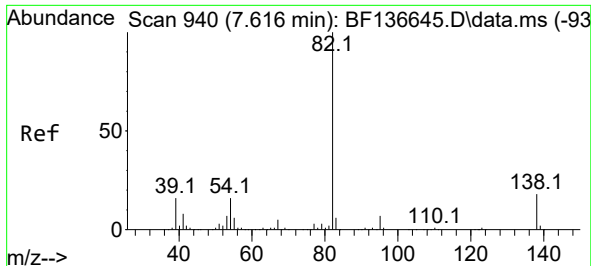
Tgt	Ion:136	Resp:	278238
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.1	7.2	10.8
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 80.671 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion: 82	Resp: 438642
Ion Ratio	Lower Upper
82 100	
128 44.5	35.3 52.9
54 54.7	44.5 66.7

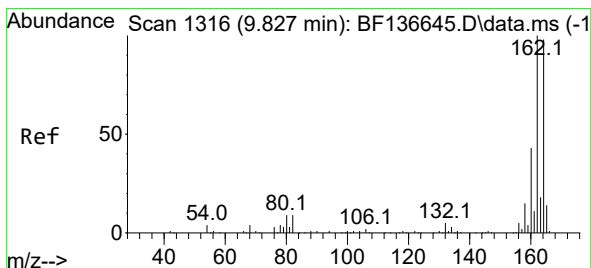
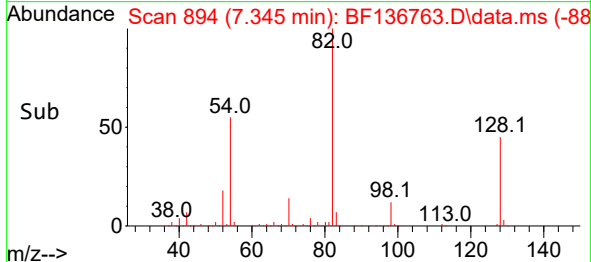
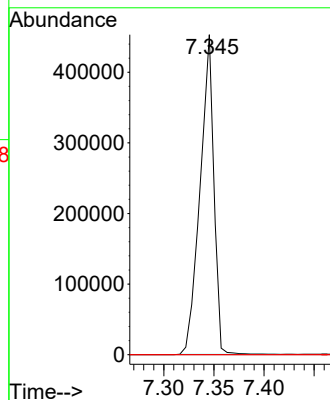
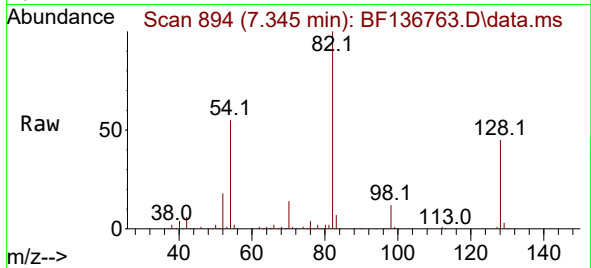




#25
Isophorone
Concen: 43.989 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

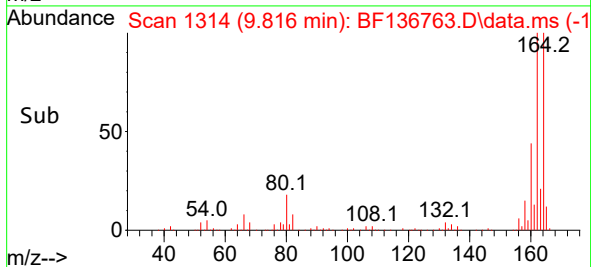
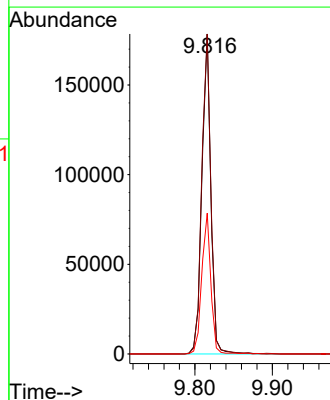
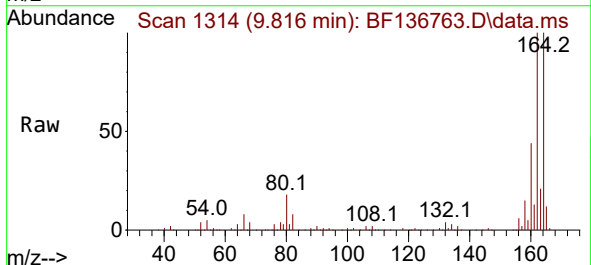
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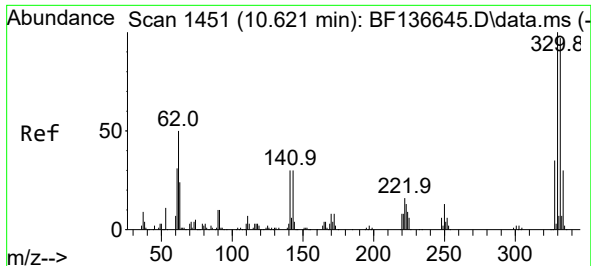
Tgt Ion: 82 Resp: 435228
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:164 Resp: 142783
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 44.0 34.9 52.3

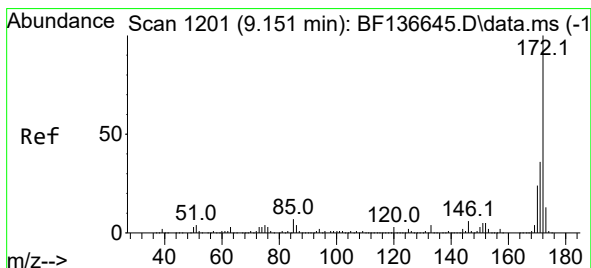
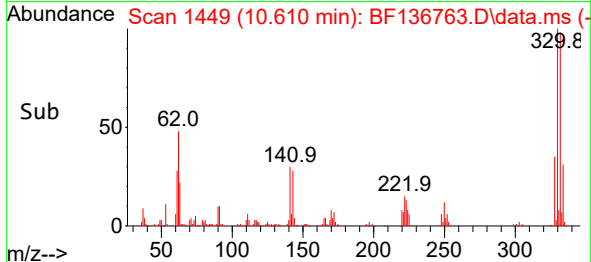
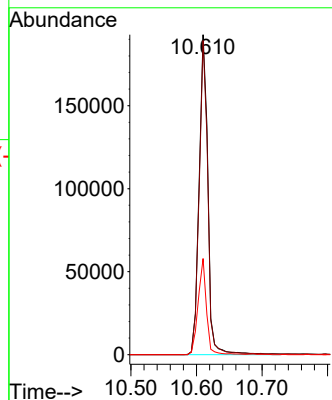
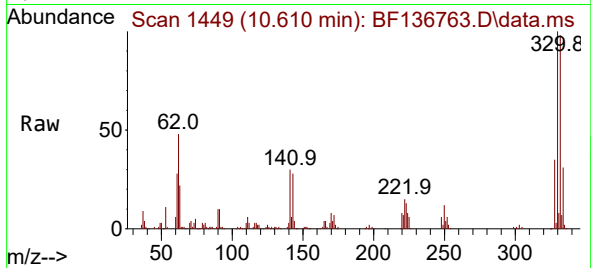




#42
2,4,6-Tribromophenol
Concen: 107.207 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

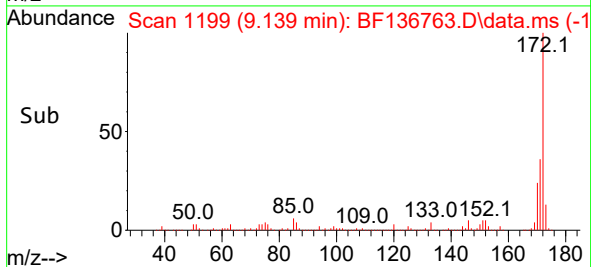
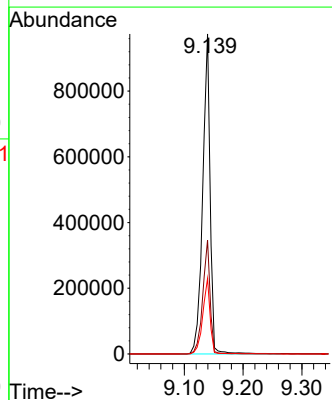
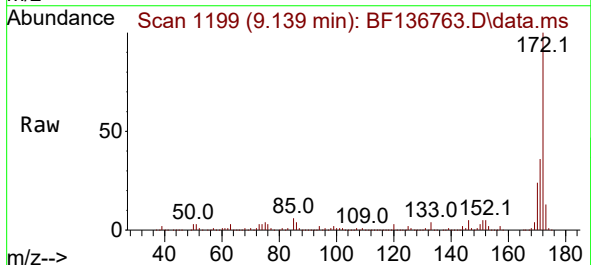
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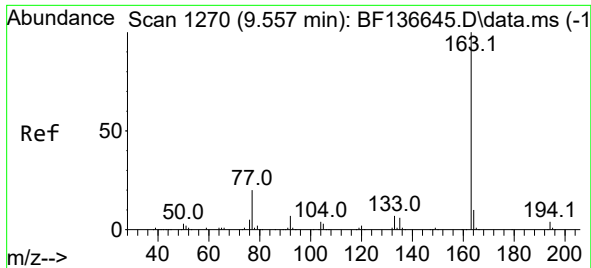
Tgt Ion:330 Resp: 180278
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.025 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:172 Resp: 860158
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.6 19.0 28.4

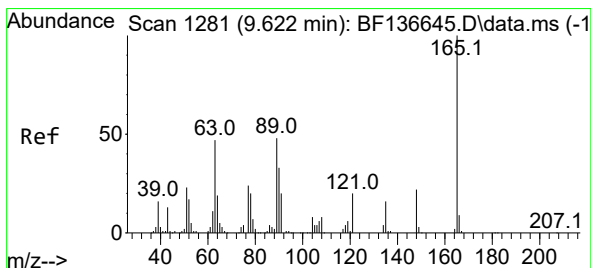
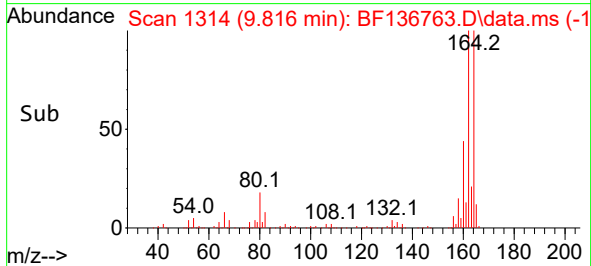
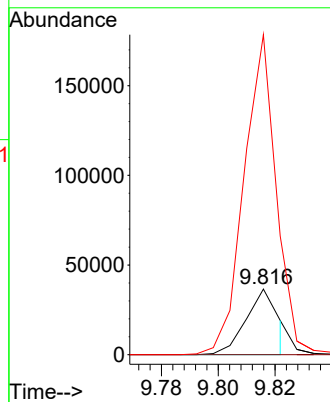
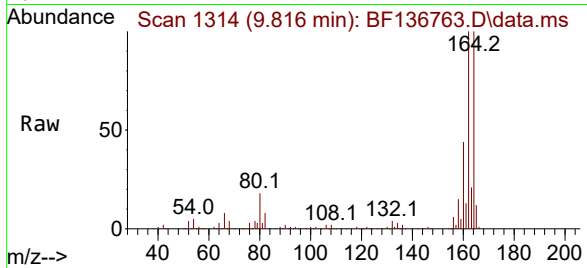




#50
Dimethylphthalate
Concen: 2.764 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

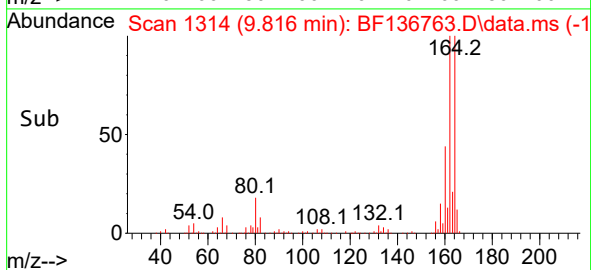
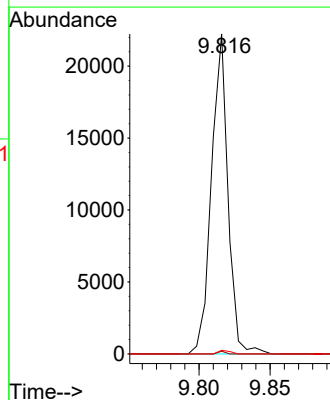
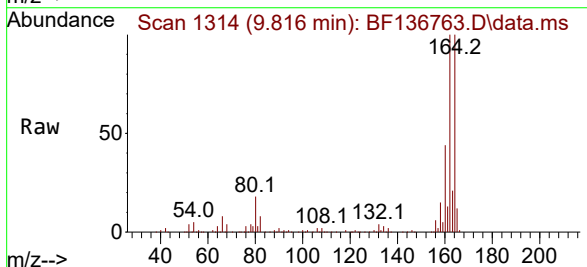
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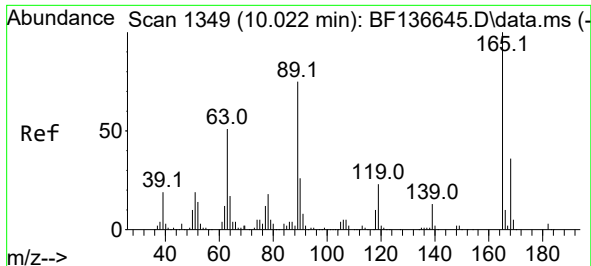
Tgt Ion:163 Resp: 28822
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 487.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.603 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:165 Resp: 17995
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 38.8 58.2#

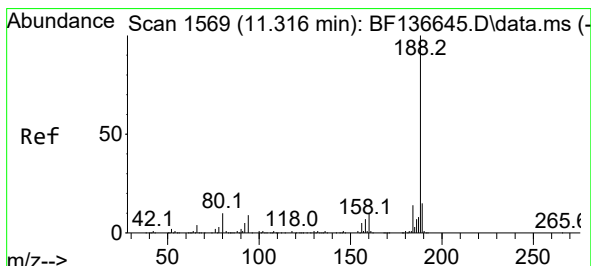
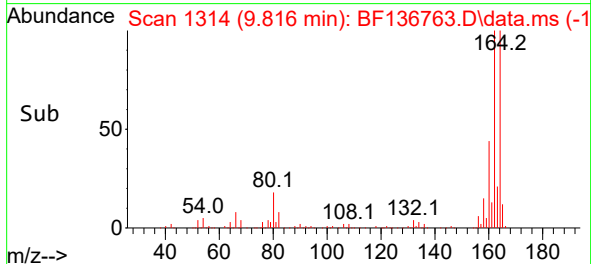
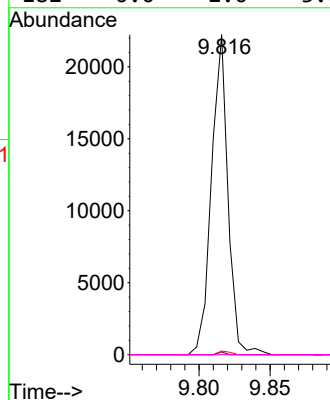
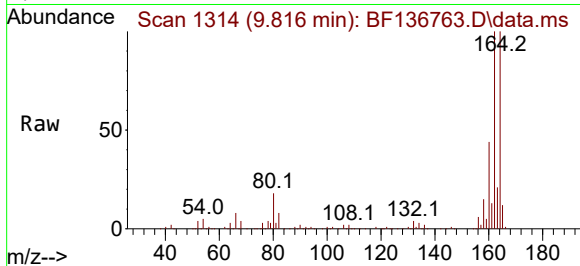




#57
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

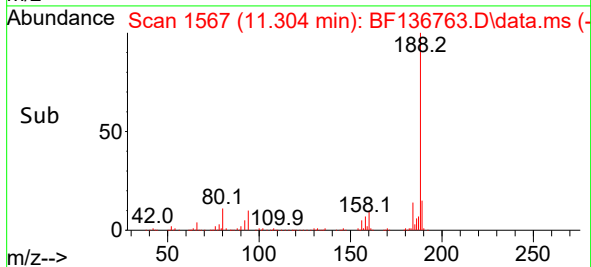
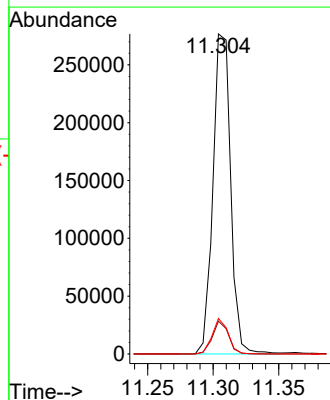
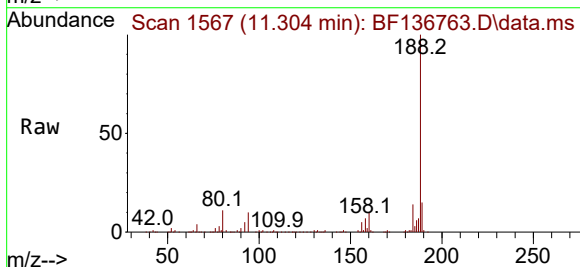
Instrument :
BNA_F
ClientSampleId :
PB157875TB

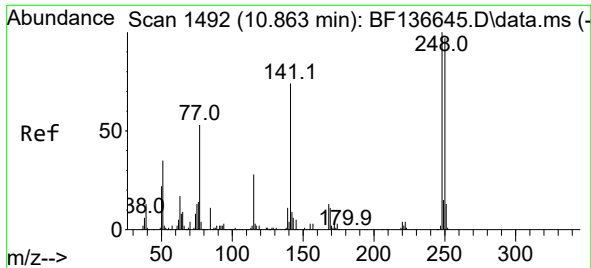
Tgt Ion:165 Resp: 17995
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:188 Resp: 260138
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.1 8.1 12.1

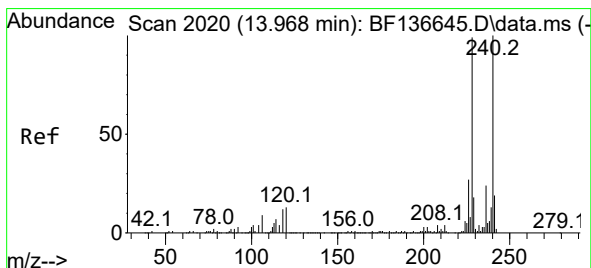
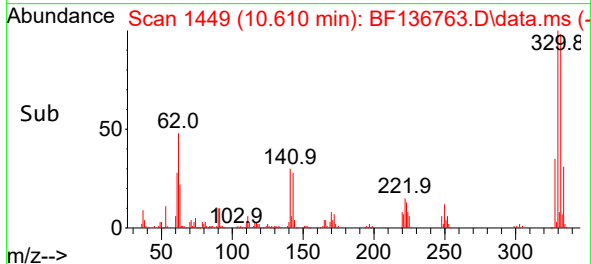
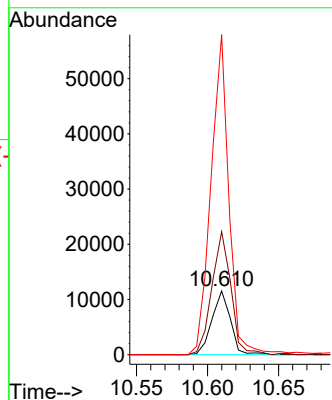
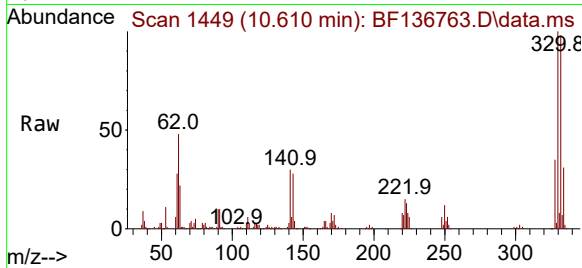




#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

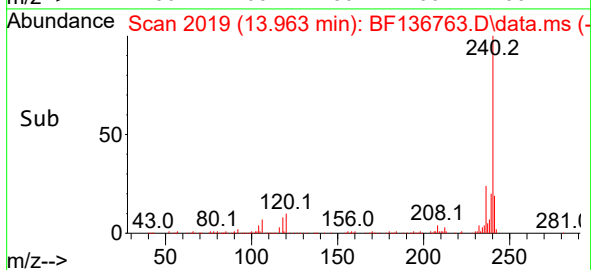
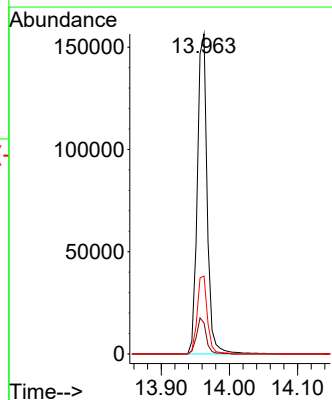
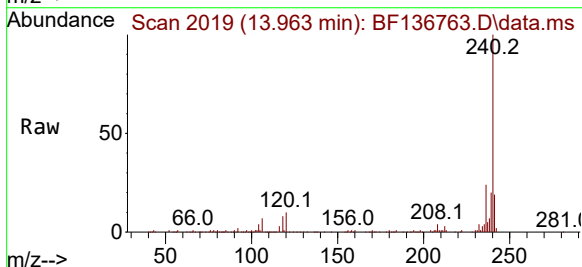
Instrument :
BNA_F
ClientSampleId :
PB157875TB

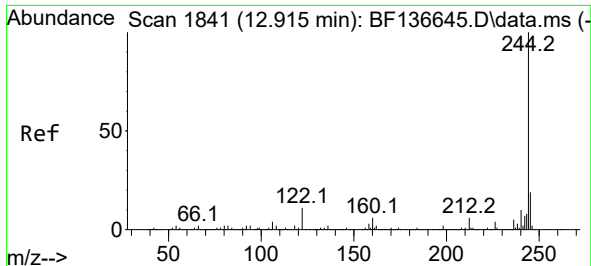
Tgt Ion:248 Resp: 10459
Ion Ratio Lower Upper
248 100
250 193.3 77.8 116.6#
141 502.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

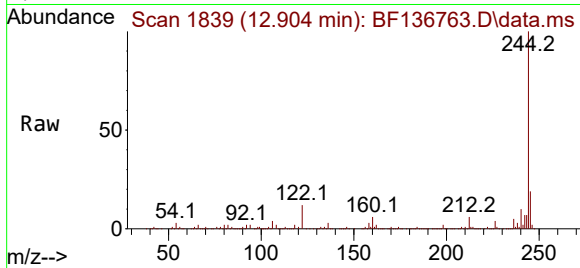
Tgt Ion:240 Resp: 156989
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 24.3 19.4 29.2



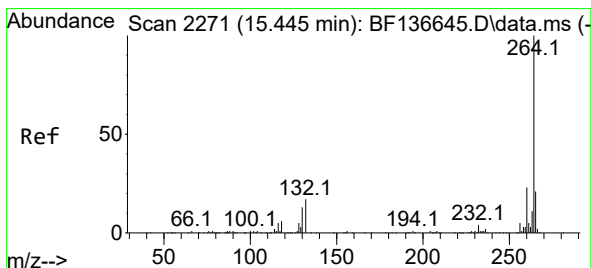
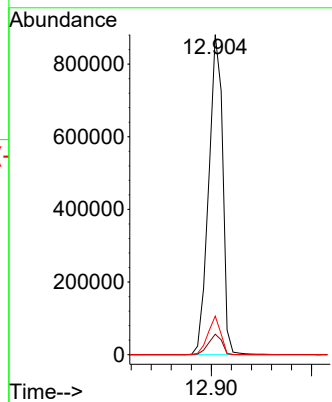
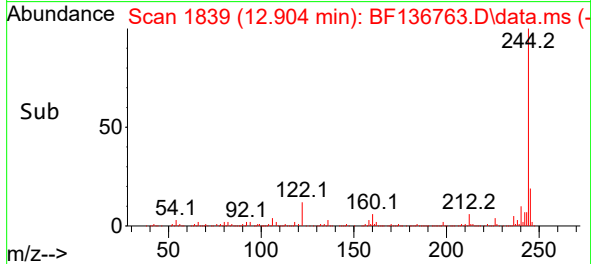


#79
 Terphenyl-d14
 Concen: 76.011 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136763.D
 Acq: 27 Dec 2023 17:49

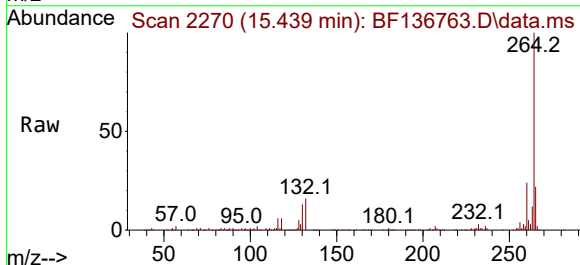
Instrument :
 BNA_F
 ClientSampleId :
 PB157875TB



Tgt Ion:244 Resp: 853894
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136763.D
 Acq: 27 Dec 2023 17:49



Tgt Ion:264 Resp: 145648
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 22.1 17.0 25.6

