

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136743.D
 Acq On : 27 Dec 2023 03:46
 Operator : CG\JU
 Sample : 05602-03RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-2

Quant Time: Dec 27 04:57:41 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)

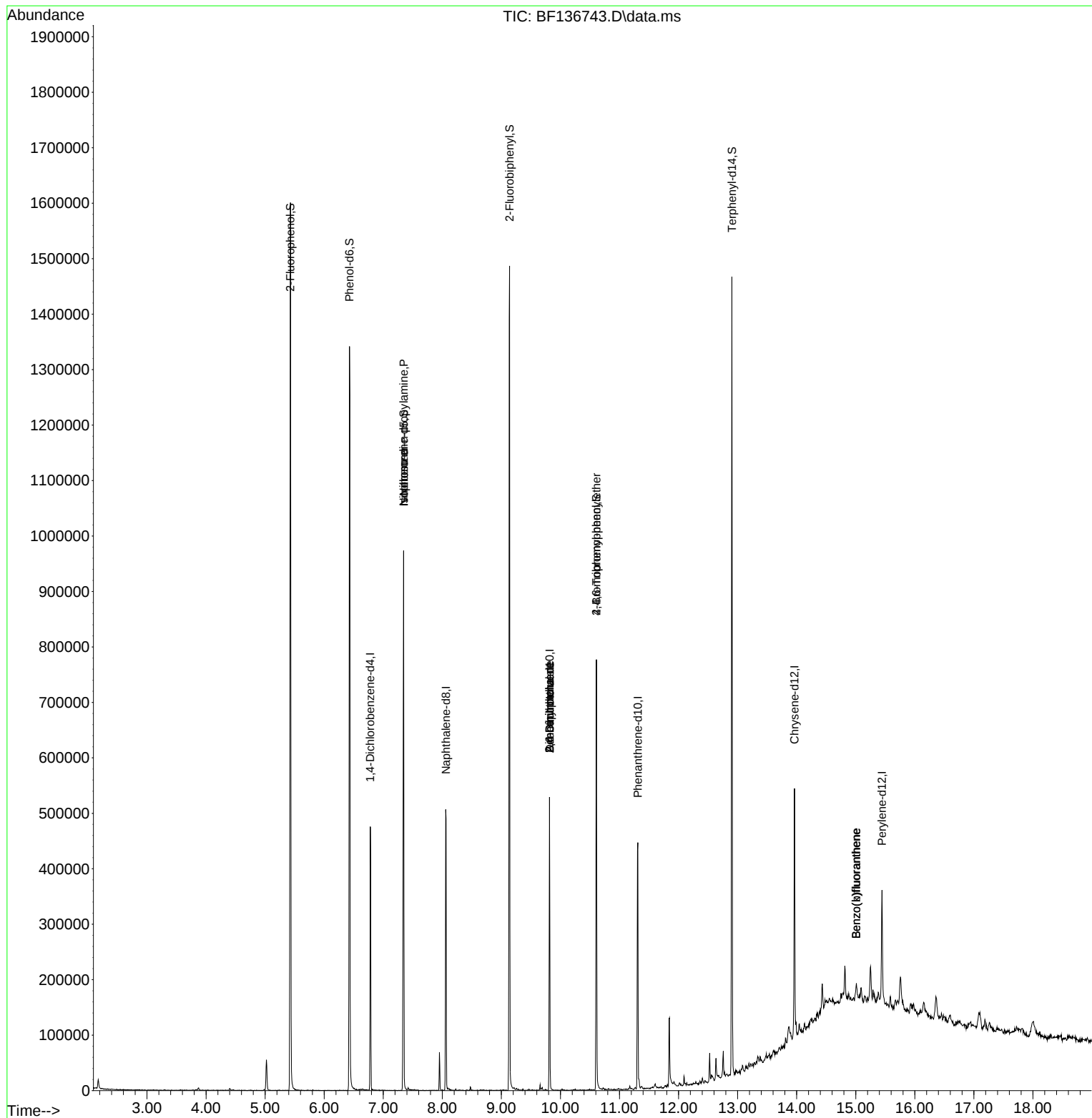
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69338	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	230663	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	96063	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	175185	20.000	ng	0.00
76) Chrysene-d12	13.963	240	143270	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	94398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	395745	89.053	ng	0.00
7) Phenol-d6	6.428	99	479561	83.282	ng	-0.01
23) Nitrobenzene-d5	7.345	82	285035	63.233	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	94256	83.312	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	482327	67.531	ng	-0.01
79) Terphenyl-d14	12.904	244	480203	46.839	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	37332	10.695	ng	# 75
25) Isophorone	7.345	82	281868	34.365	ng	# 65
50) Dimethylphthalate	9.816	163	19000	2.708	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	12334	7.745	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	12334	5.966	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	5401	2.776	ng	# 1
88) Benzo(b)fluoranthene	15.010	252	13786	2.187	ng	# 77
89) Benzo(k)fluoranthene	15.010	252	13786	2.314	ng	# 77

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

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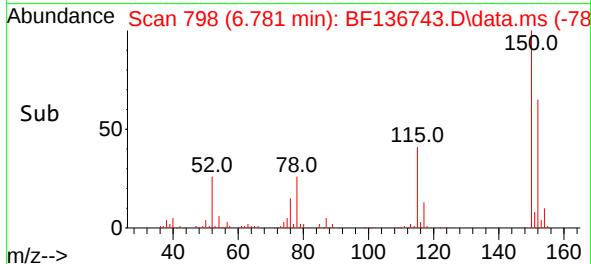
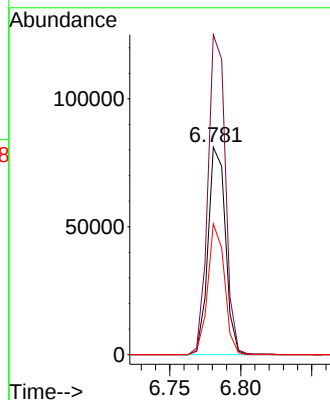
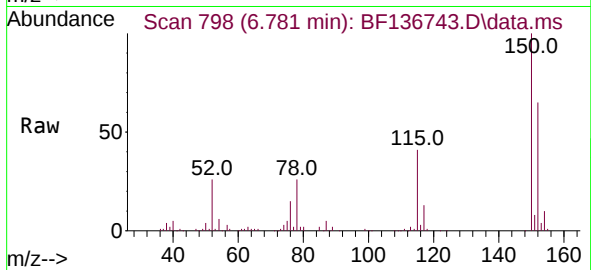




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF136743.D
 Acq: 27 Dec 2023 03:46

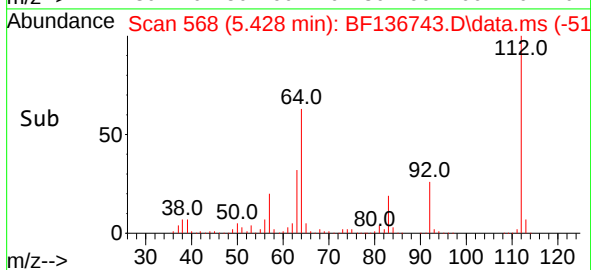
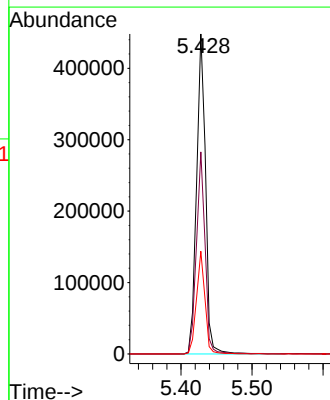
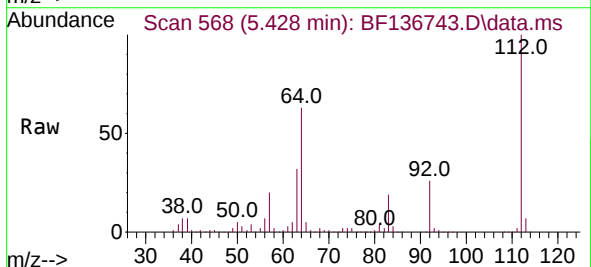
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-2

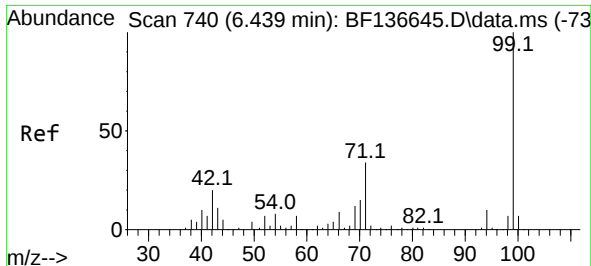
Tgt Ion:152 Resp: 69338
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.0 190.6
 115 63.1 49.0 73.4



#5
 2-Fluorophenol
 Concen: 89.053 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136743.D
 Acq: 27 Dec 2023 03:46

Tgt Ion:112 Resp: 395745
 Ion Ratio Lower Upper
 112 100
 64 63.2 51.1 76.7
 63 32.1 26.1 39.1

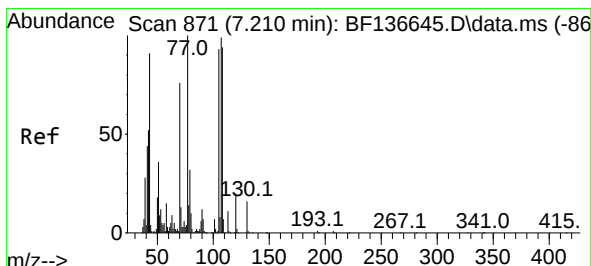
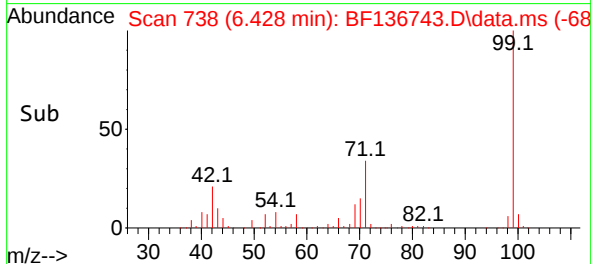
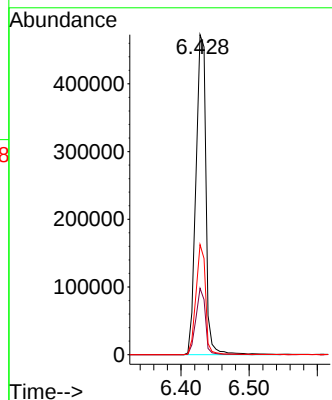
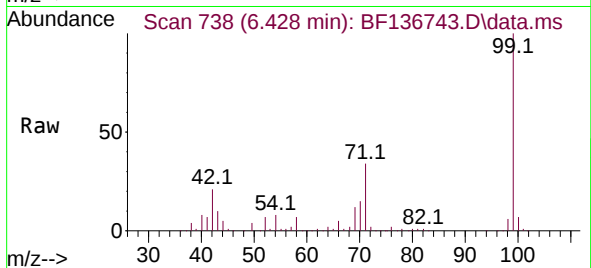




#7
Phenol-d6
Concen: 83.282 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

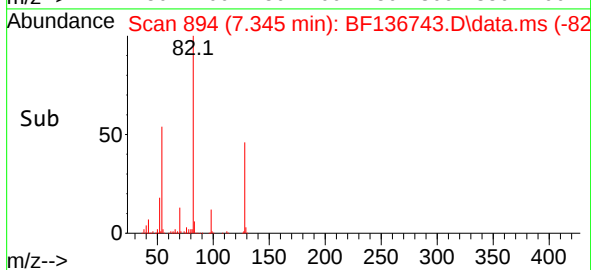
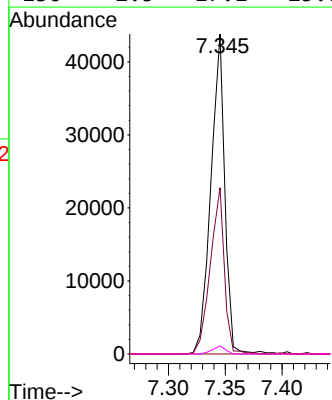
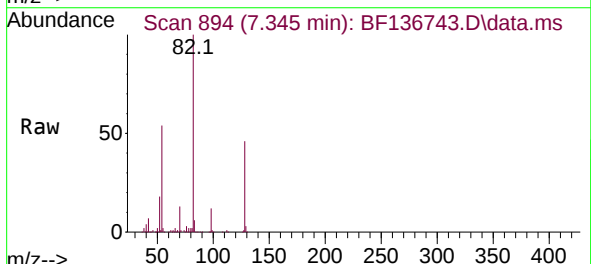
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

Tgt Ion: 99 Resp: 479561
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 34.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.695 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

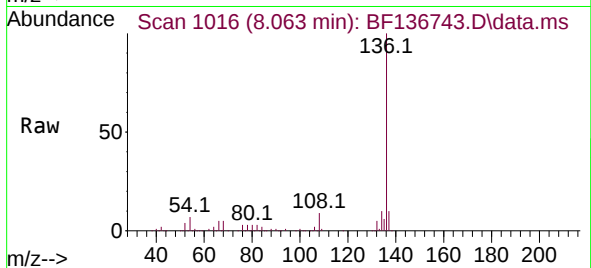
Tgt Ion: 70 Resp: 37332
Ion Ratio Lower Upper
70 100
42 51.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



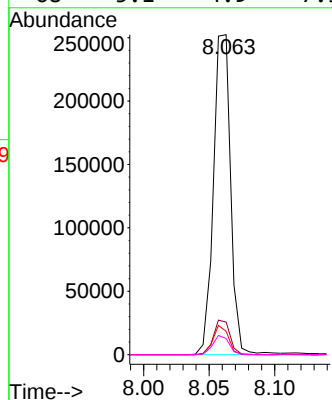
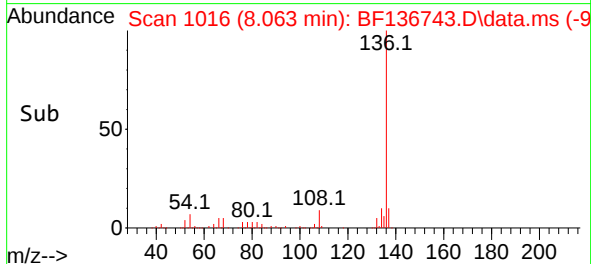


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

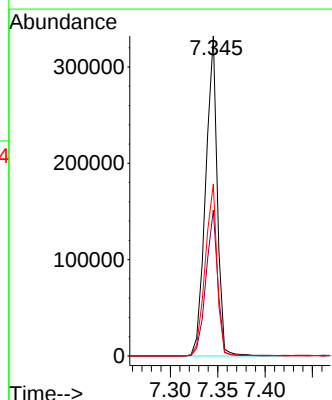
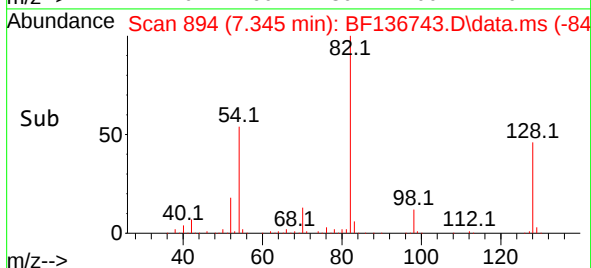
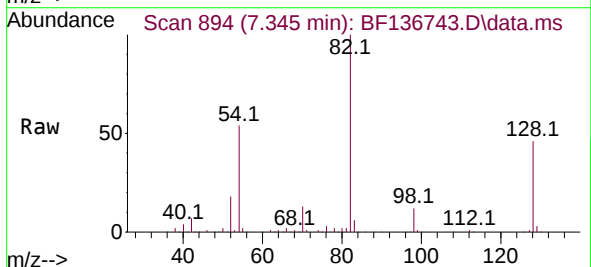


Tgt Ion:	136	Resp:	230663
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	7.3	7.2	10.8
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 63.233 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

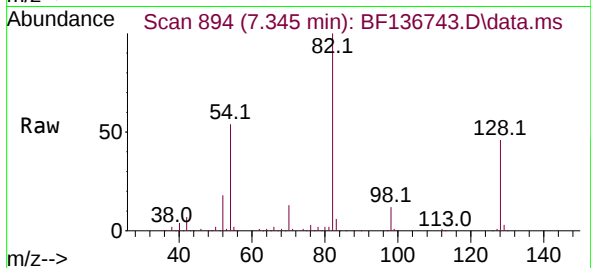
Tgt Ion:	82	Resp:	285035
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.3	52.9
54	53.7	44.5	66.7



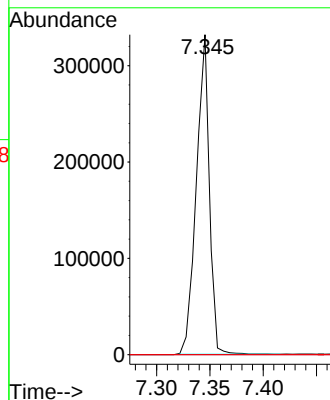
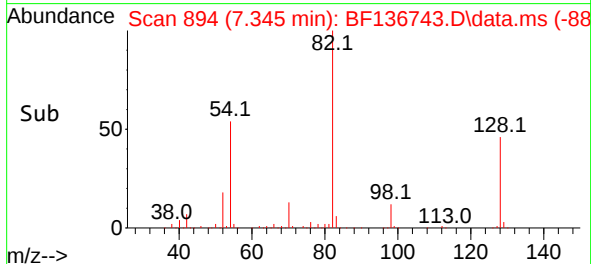


#25
Isophorone
Concen: 34.365 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

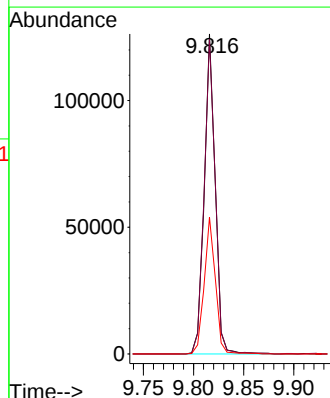
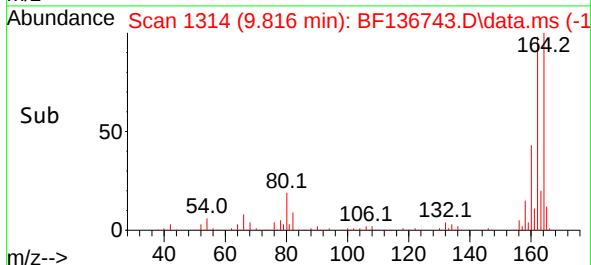
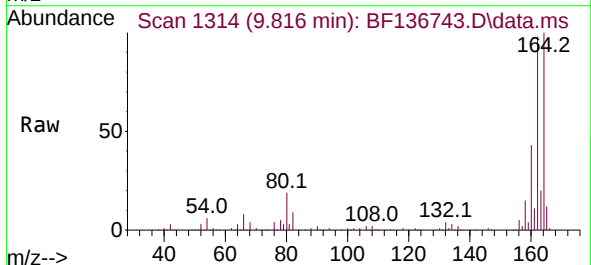


Tgt Ion: 82 Resp: 281868
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

Tgt Ion:164 Resp: 96063
Ion Ratio Lower Upper
164 100
162 98.4 81.6 122.4
160 42.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 83.312 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136743.D

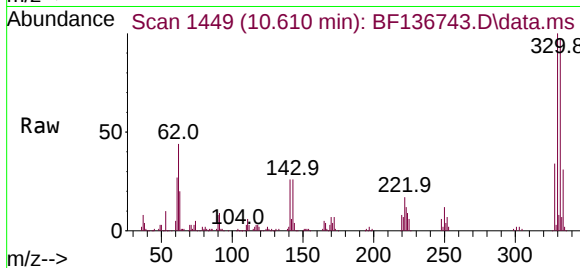
Acq: 27 Dec 2023 03:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-2



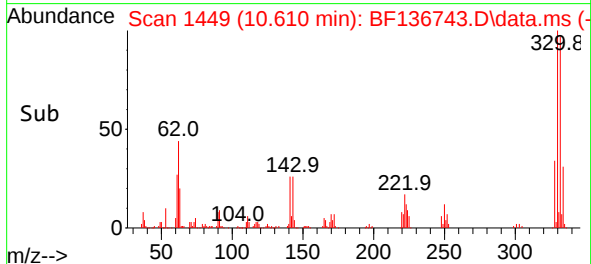
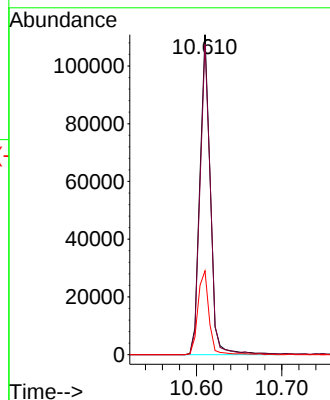
Tgt Ion:330 Resp: 94256

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.531 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136743.D

Acq: 27 Dec 2023 03:46

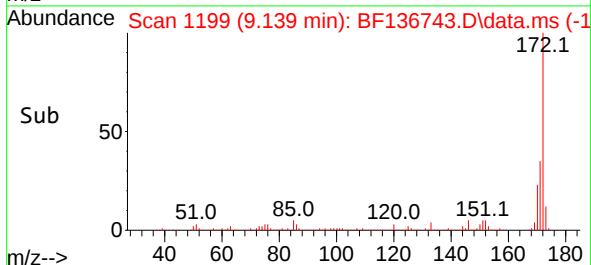
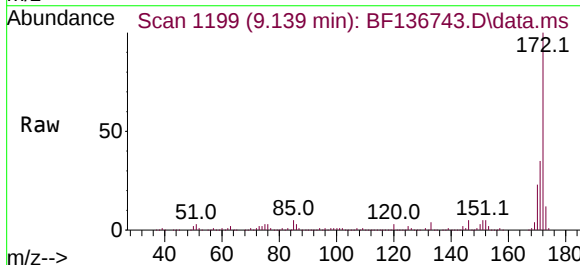
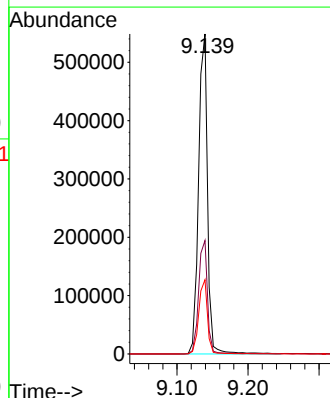
Tgt Ion:172 Resp: 482327

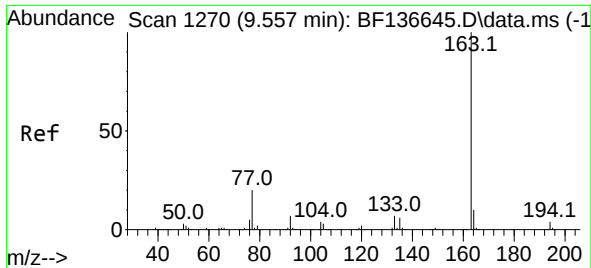
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.2 19.0 28.4

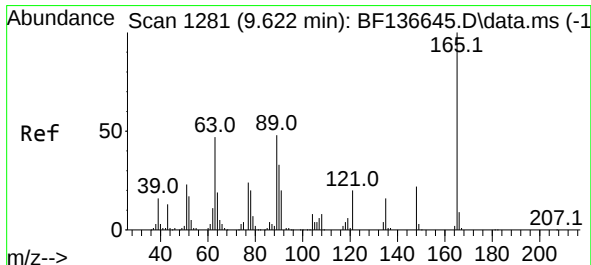
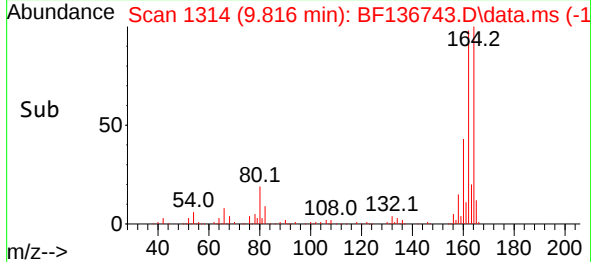
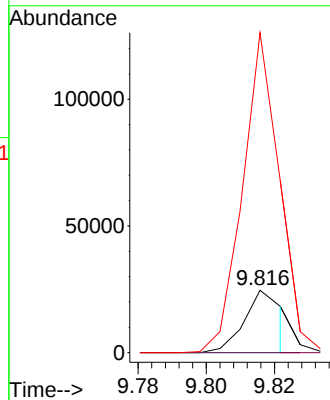
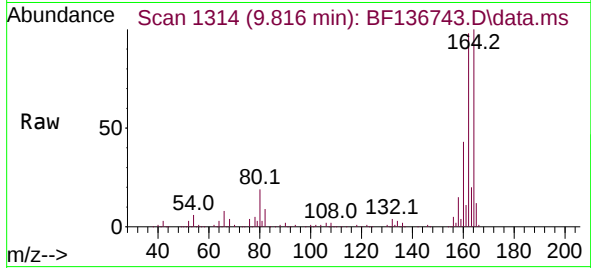




#50
Dimethylphthalate
Concen: 2.708 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

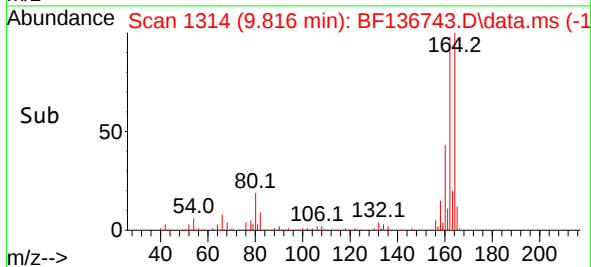
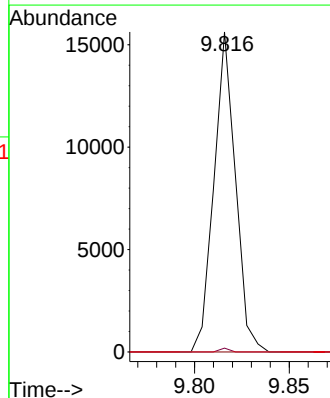
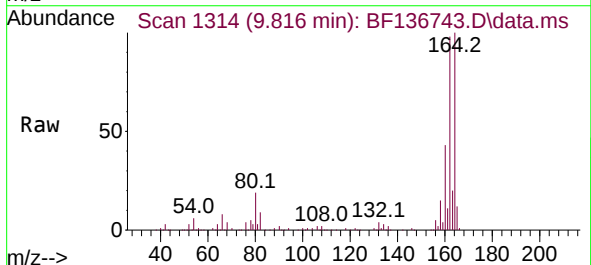
Instrument :
BNA_F
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SPRING-VALLEY-TP-2

Tgt Ion:163 Resp: 19000
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 512.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

Tgt Ion:165 Resp: 12334
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.0 38.8 58.2#

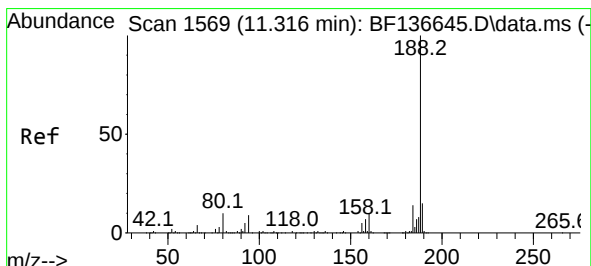
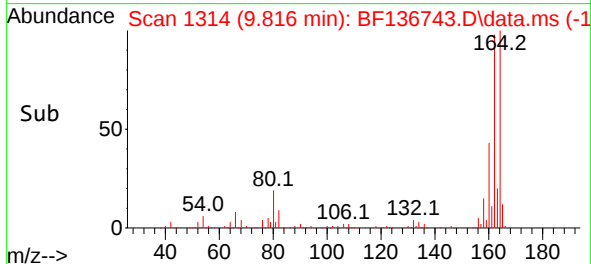
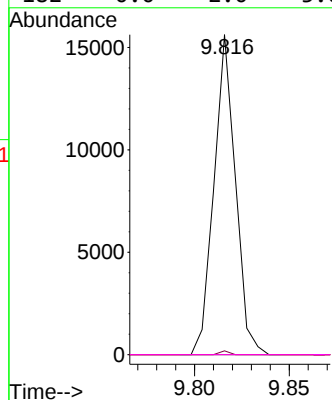
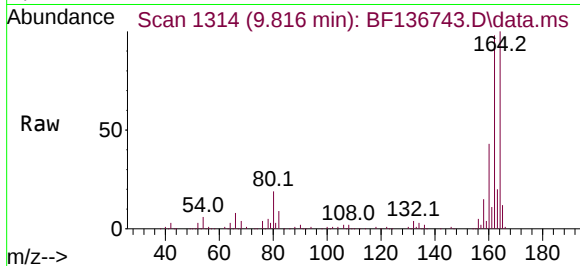




#57
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

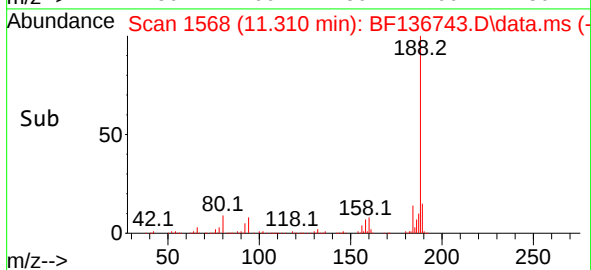
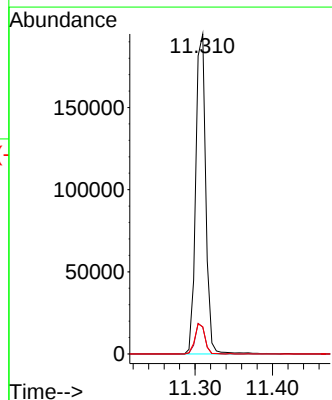
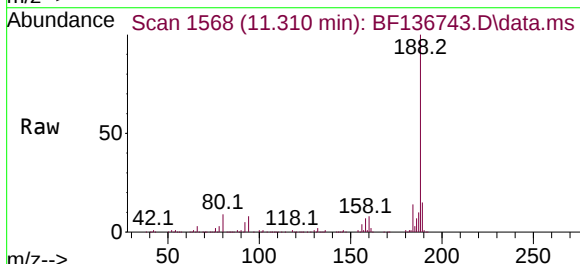
Instrument :
BNA_F
ClientSampleId :
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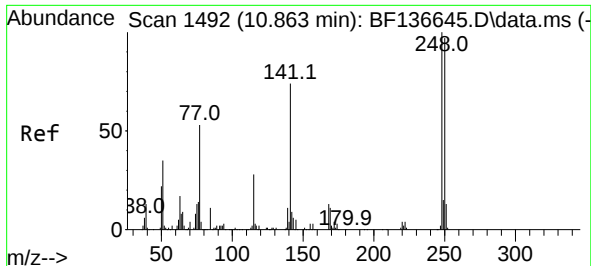
Tgt Ion:165 Resp: 12334
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

Tgt Ion:188 Resp: 175185
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.5 8.1 12.1

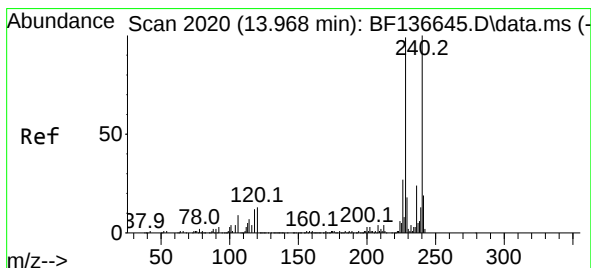
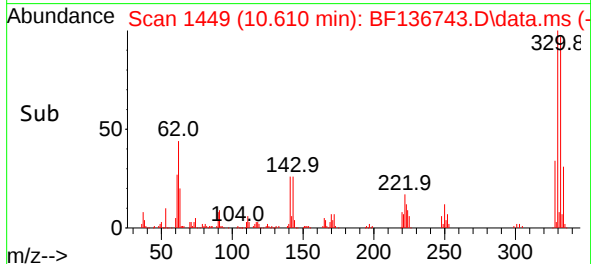
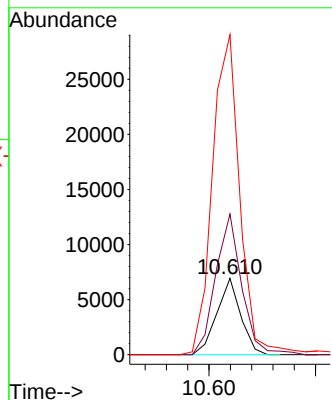
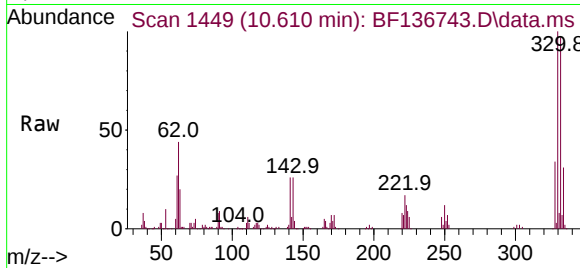




#67
4-Bromophenyl-phenylether
Concen: 2.776 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

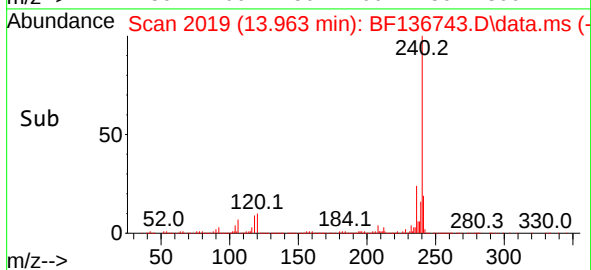
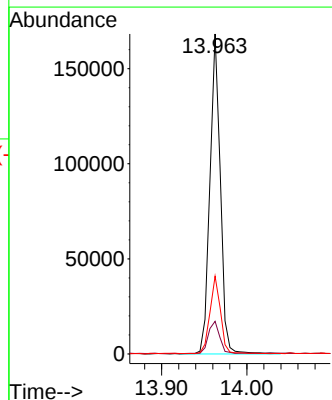
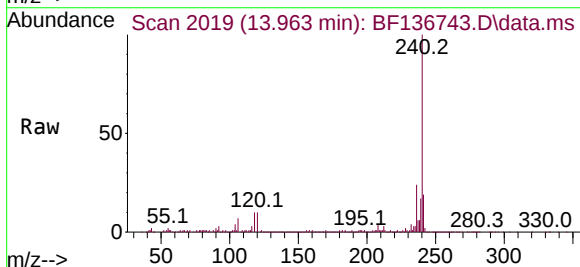
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

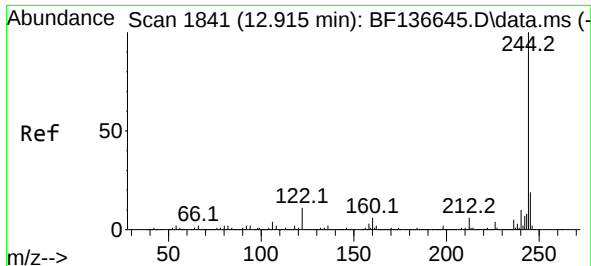
Tgt Ion:248 Resp: 5401
Ion Ratio Lower Upper
248 100
250 184.3 77.8 116.6#
141 419.5 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

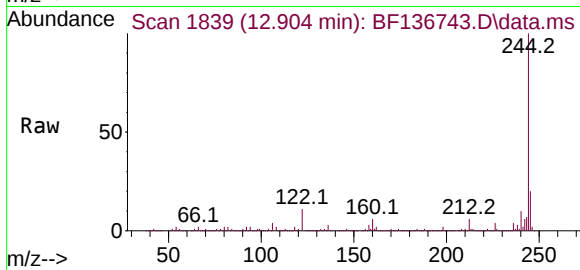
Tgt Ion:240 Resp: 143270
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 24.3 19.4 29.2



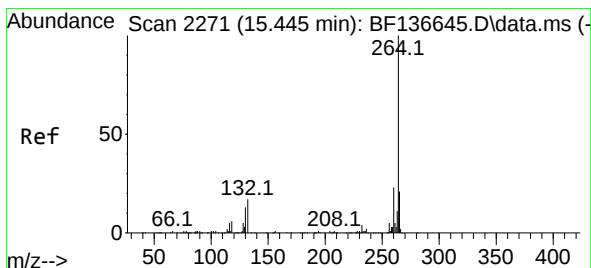
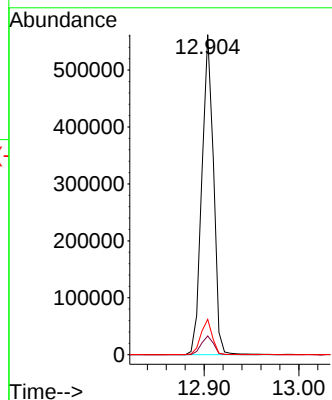
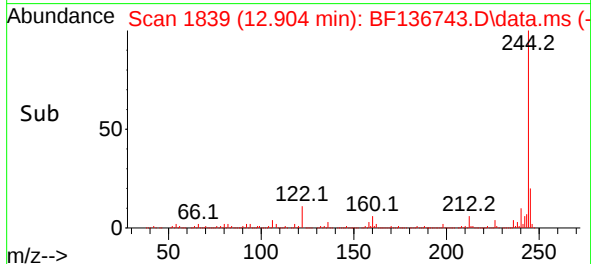


#79
 Terphenyl-d14
 Concen: 46.839 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136743.D
 Acq: 27 Dec 2023 03:46

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-2

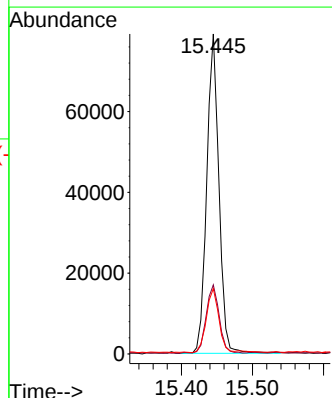
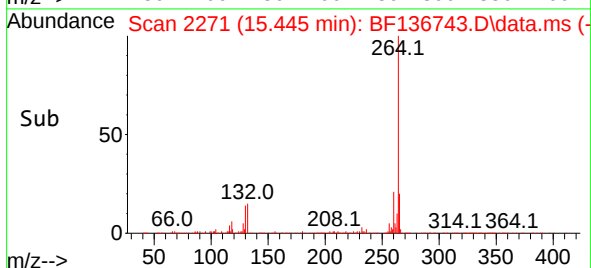
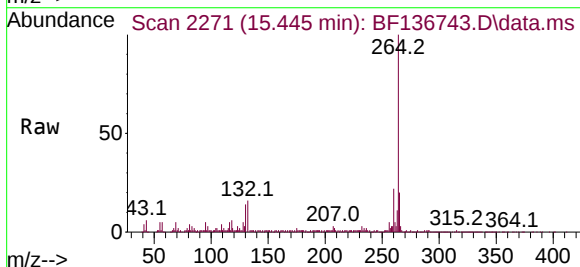


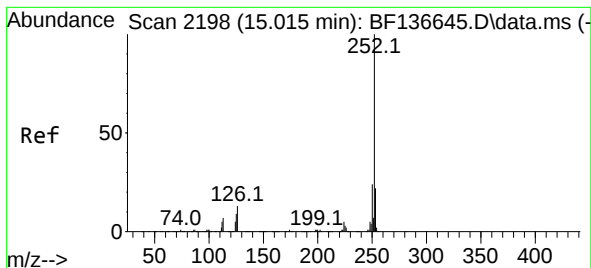
Tgt Ion:244 Resp: 480203
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136743.D
 Acq: 27 Dec 2023 03:46

Tgt Ion:264 Resp: 94398
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.3 27.5
 265 20.4 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.187 ng

RT: 15.010 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF136743.D

Acq: 27 Dec 2023 03:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-2

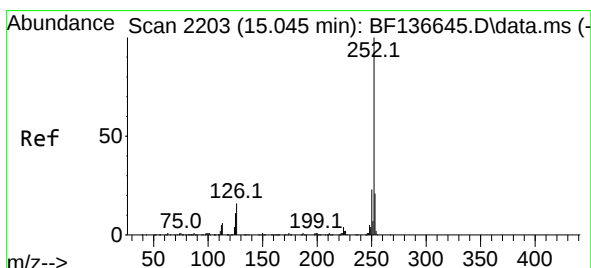
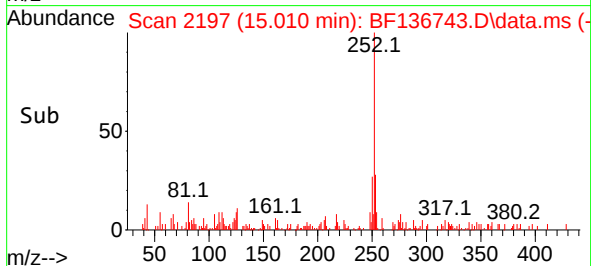
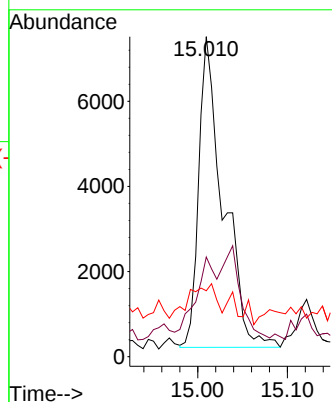
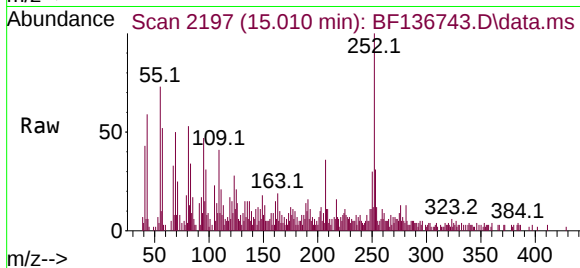
Tgt Ion:252 Resp: 13786

Ion Ratio Lower Upper

252 100

253 31.2 17.4 26.0#

125 20.6 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.314 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.035 min

Lab File: BF136743.D

Acq: 27 Dec 2023 03:46

Tgt Ion:252 Resp: 13786

Ion Ratio Lower Upper

252 100

253 31.2 17.0 25.6#

125 20.6 8.2 12.4#

