

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136743.D
 Acq On : 27 Dec 2023 03:46
 Operator : CG\JU
 Sample : 05602-03
 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

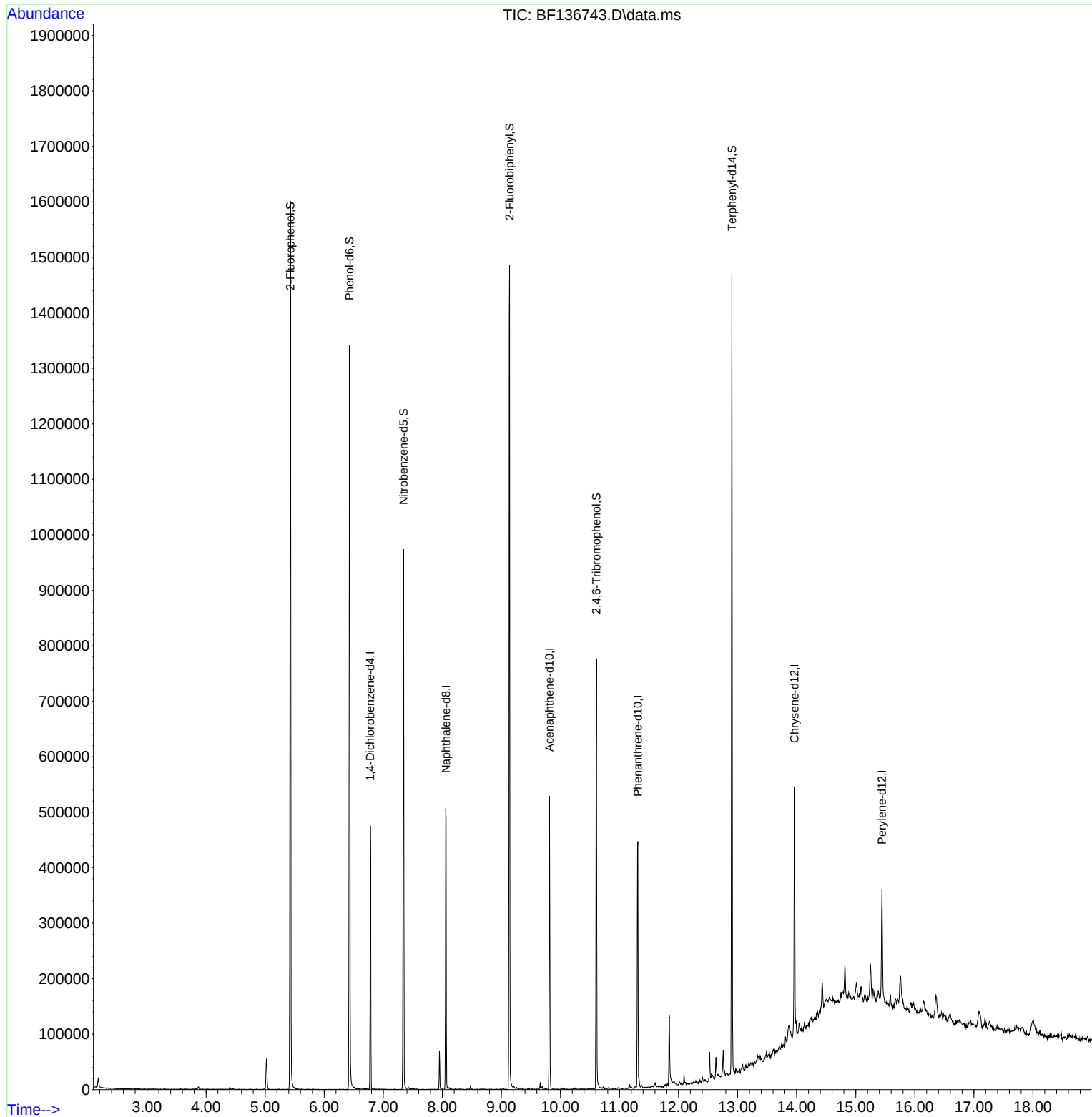
Target Compounds	Qvalue

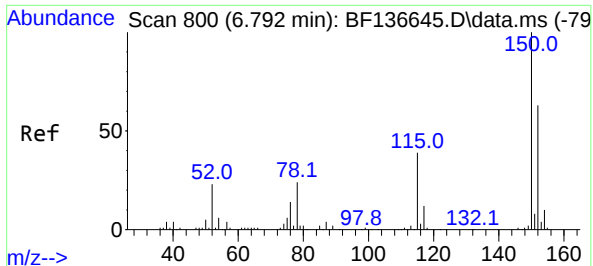
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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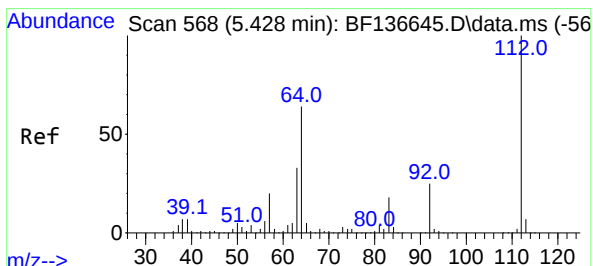
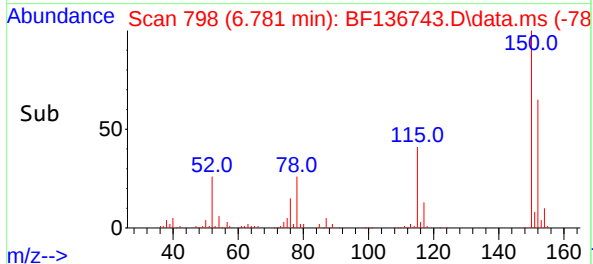
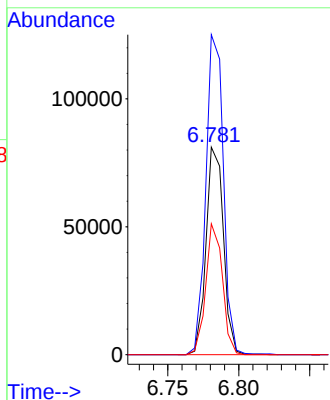
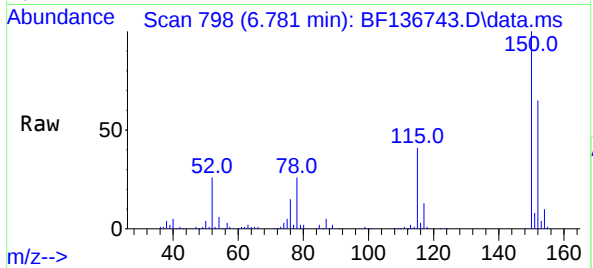




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

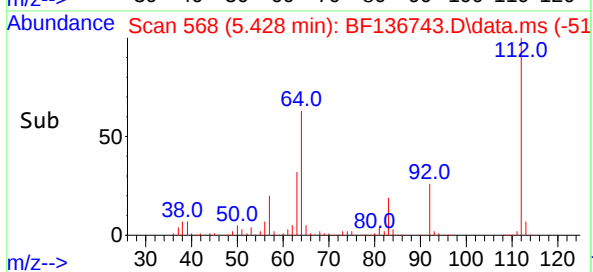
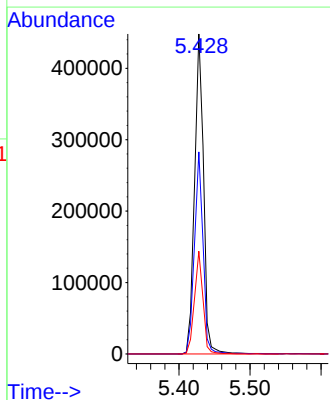
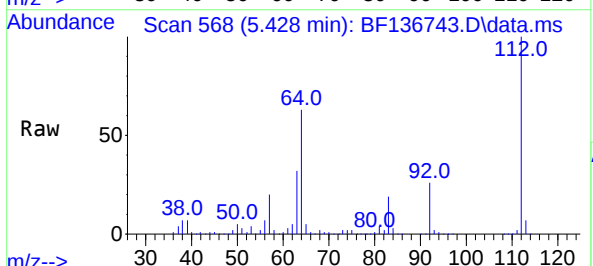
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

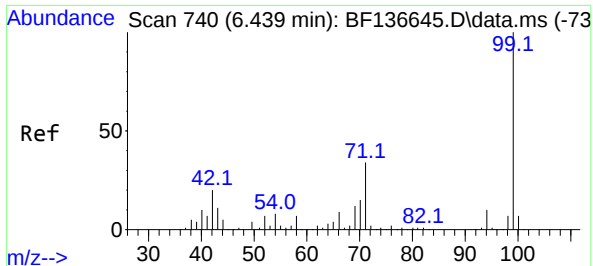
Tgt Ion:152 Resp: 69338
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 63.1 49.0 73.4



#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

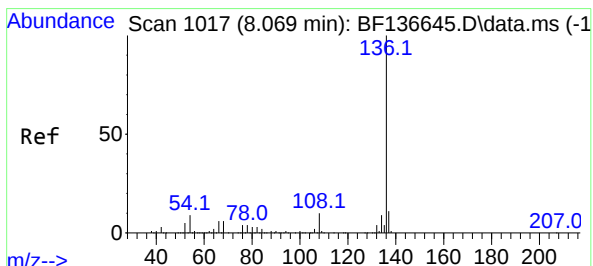
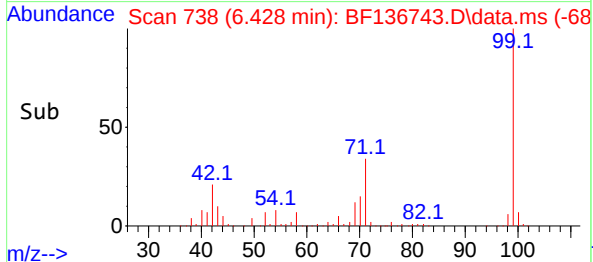
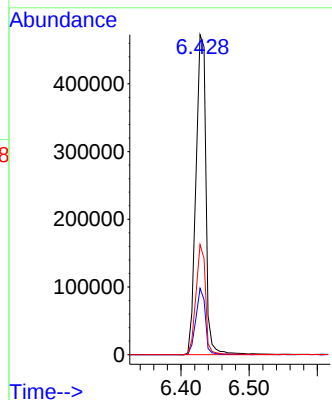
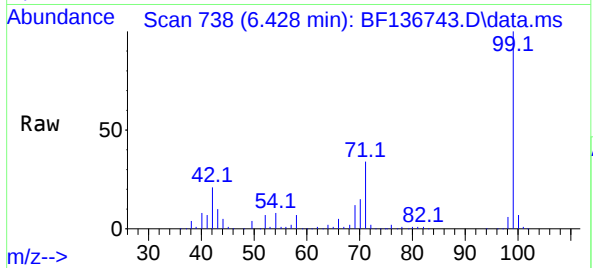




#7
Phenol-d6
Concen: 83.282 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

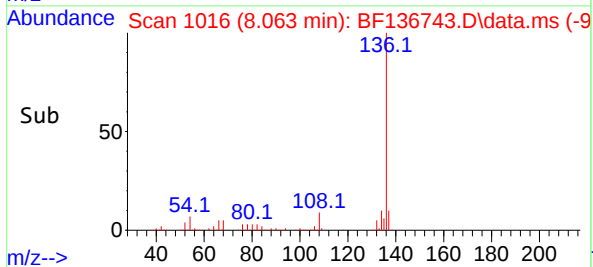
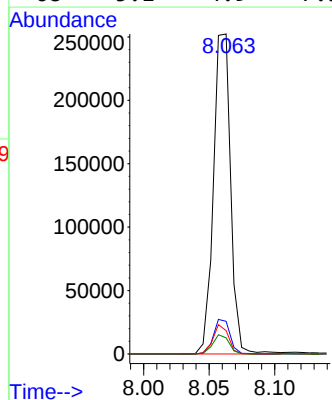
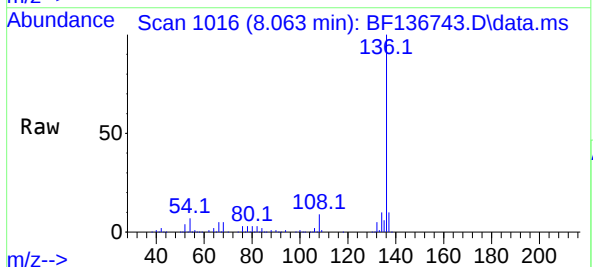
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

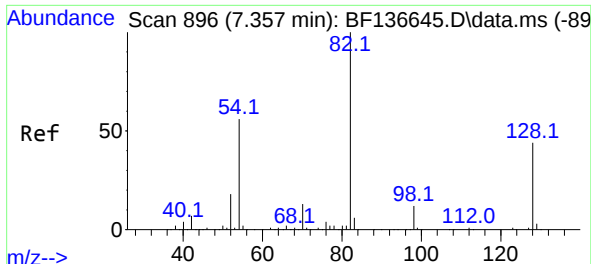
Tgt Ion: 99 Resp: 479561
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 34.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

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

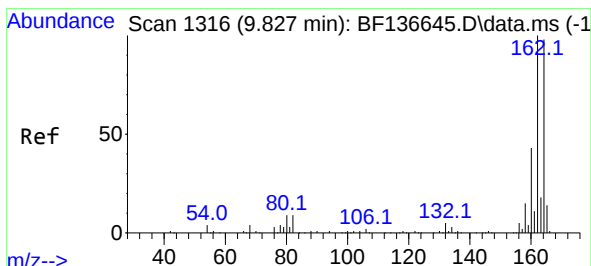
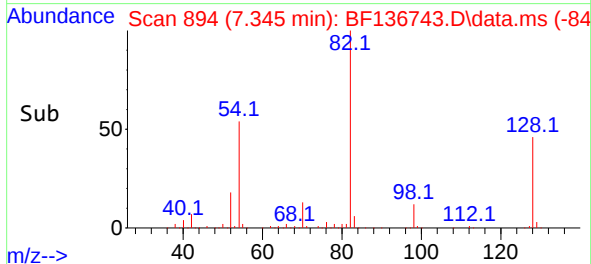
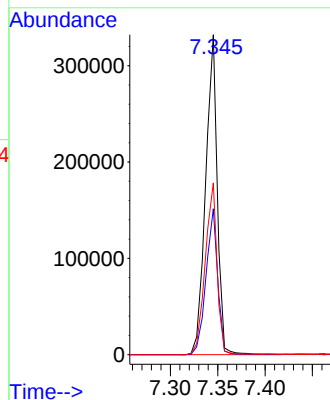
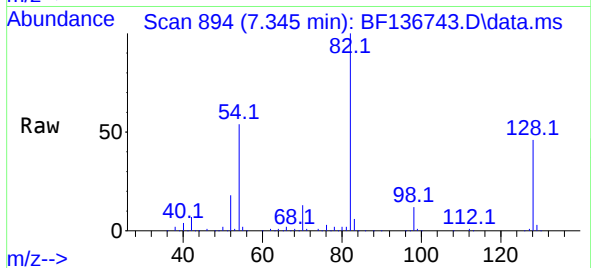




#23
Nitrobenzene-d5
Concen: 63.233 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

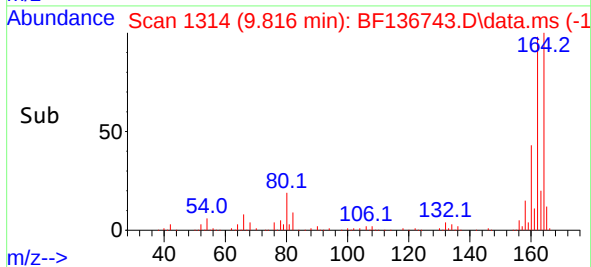
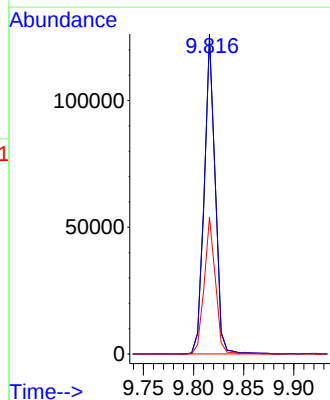
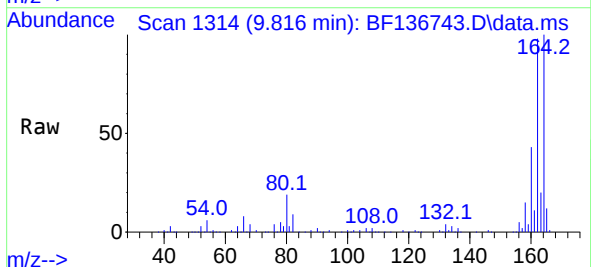
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-2

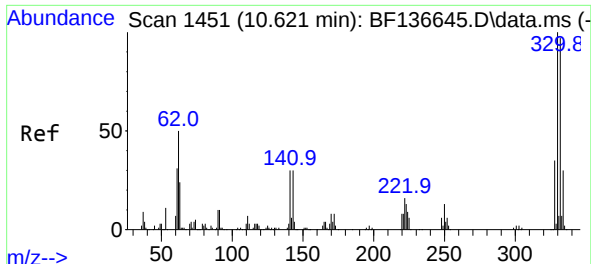
Tgt Ion: 82 Resp: 285035
Ion Ratio Lower Upper
82 100
128 45.6 35.3 52.9
54 53.7 44.5 66.7



#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

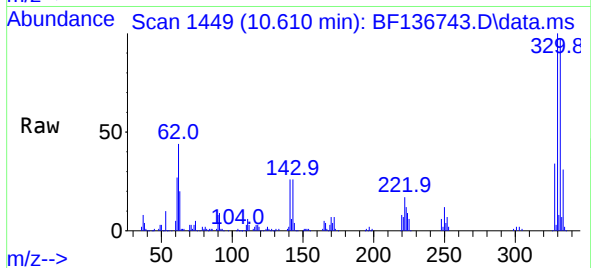
Acq: 27 Dec 2023 03:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-2



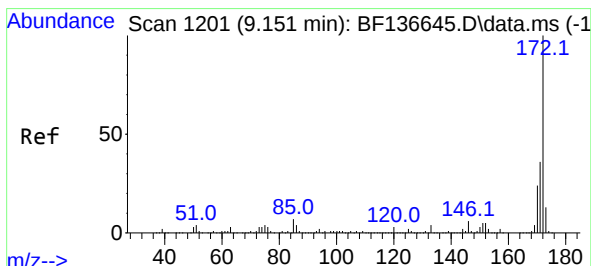
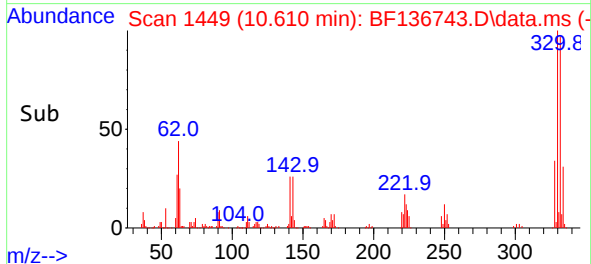
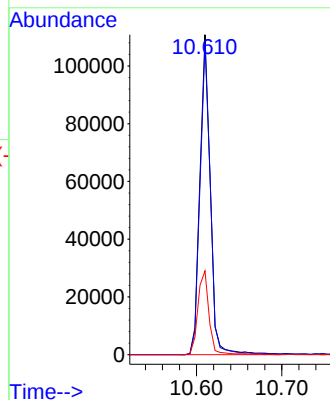
Tgt Ion:330 Resp: 94256

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

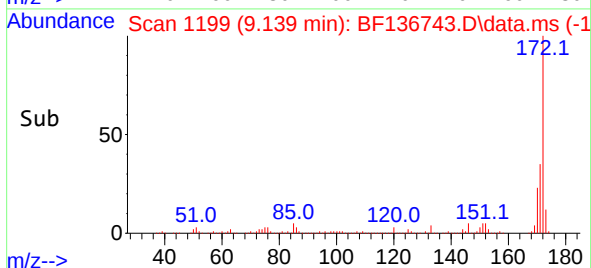
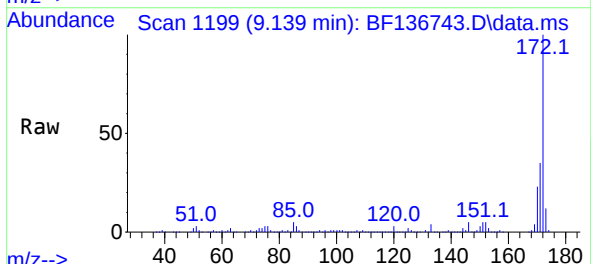
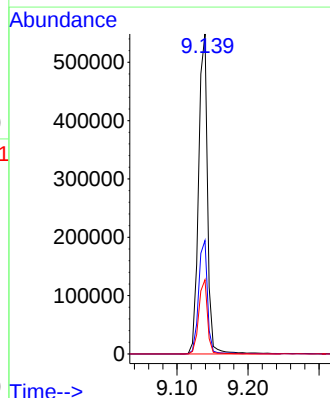
Tgt Ion:172 Resp: 482327

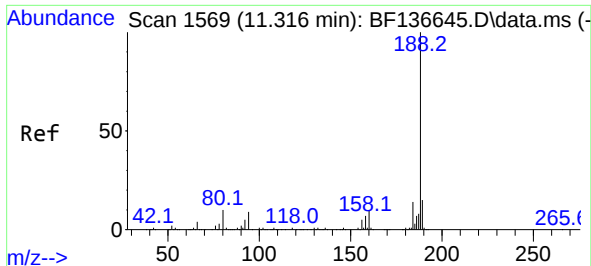
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.2 19.0 28.4

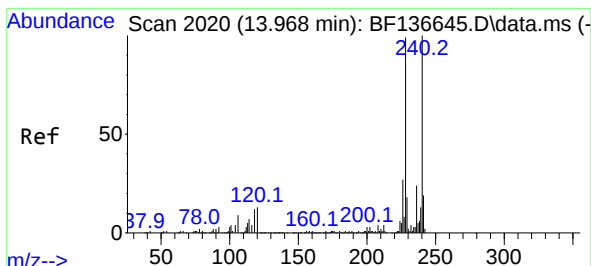
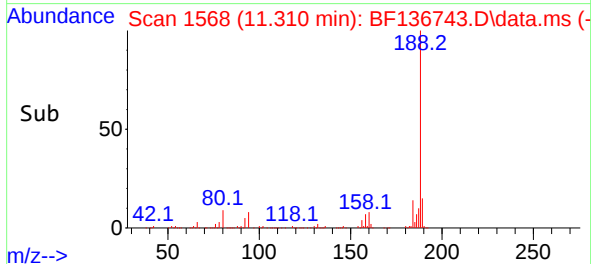
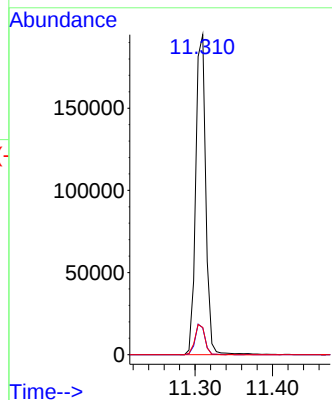
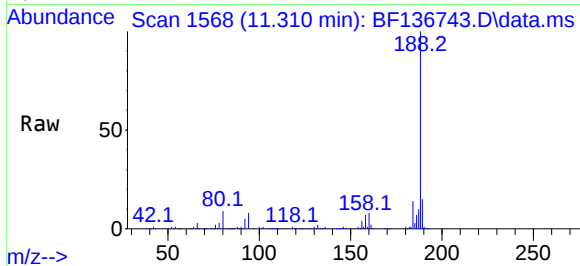




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136743.D
Acq: 27 Dec 2023 03:46

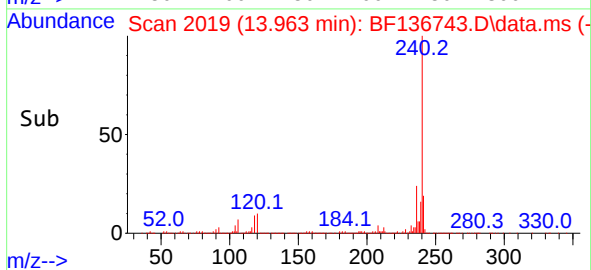
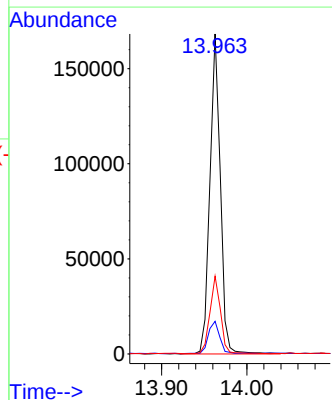
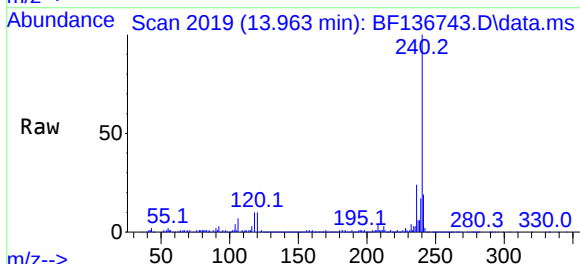
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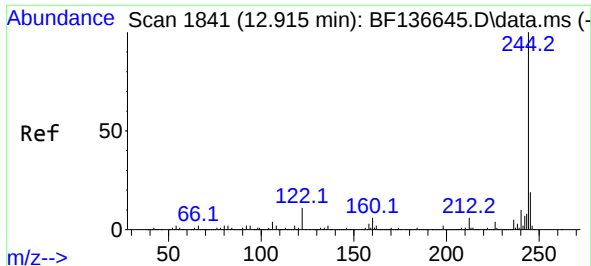
Tgt Ion:188 Resp: 175185
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.5 8.1 12.1



#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

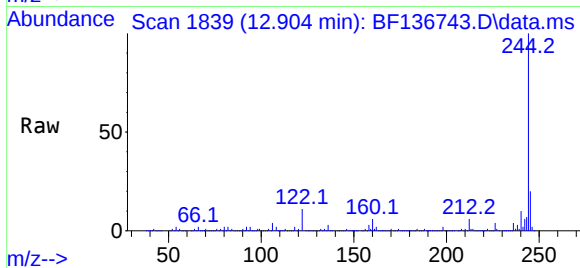
Tgt Ion:240 Resp: 143270
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 24.3 19.4 29.2





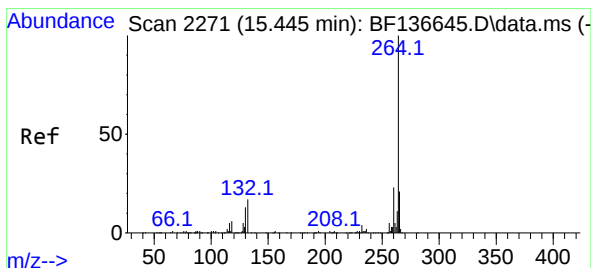
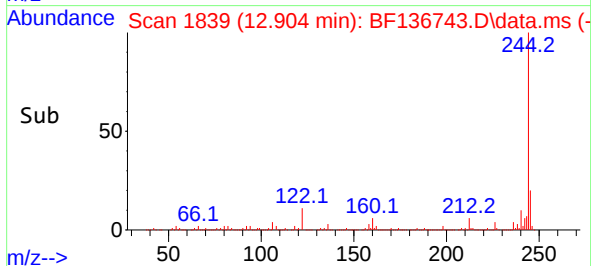
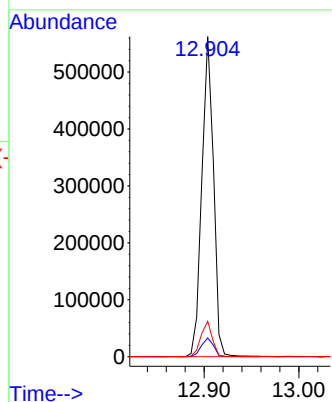
#79
 Terphenyl-d14
 Concen: 46.839 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136743.D
 Acq: 27 Dec 2023 03:46

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

