

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136790.D
 Acq On : 28 Dec 2023 12:48
 Operator : CG\JU
 Sample : 05926-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-320-0-2

Quant Time: Dec 28 13:14:24 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	65361	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	248322	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133117	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278070	20.000	ng	0.00
76) Chrysene-d12	13.963	240	229696	20.000	ng	0.00
86) Perylene-d12	15.445	264	171878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	536919	128.172	ng	0.01
7) Phenol-d6	6.434	99	621717	114.539	ng	0.00
23) Nitrobenzene-d5	7.345	82	434465	89.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	228855	145.977	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	857539	86.644	ng	-0.01
79) Terphenyl-d14	12.910	244	1261775	76.766	ng	0.00

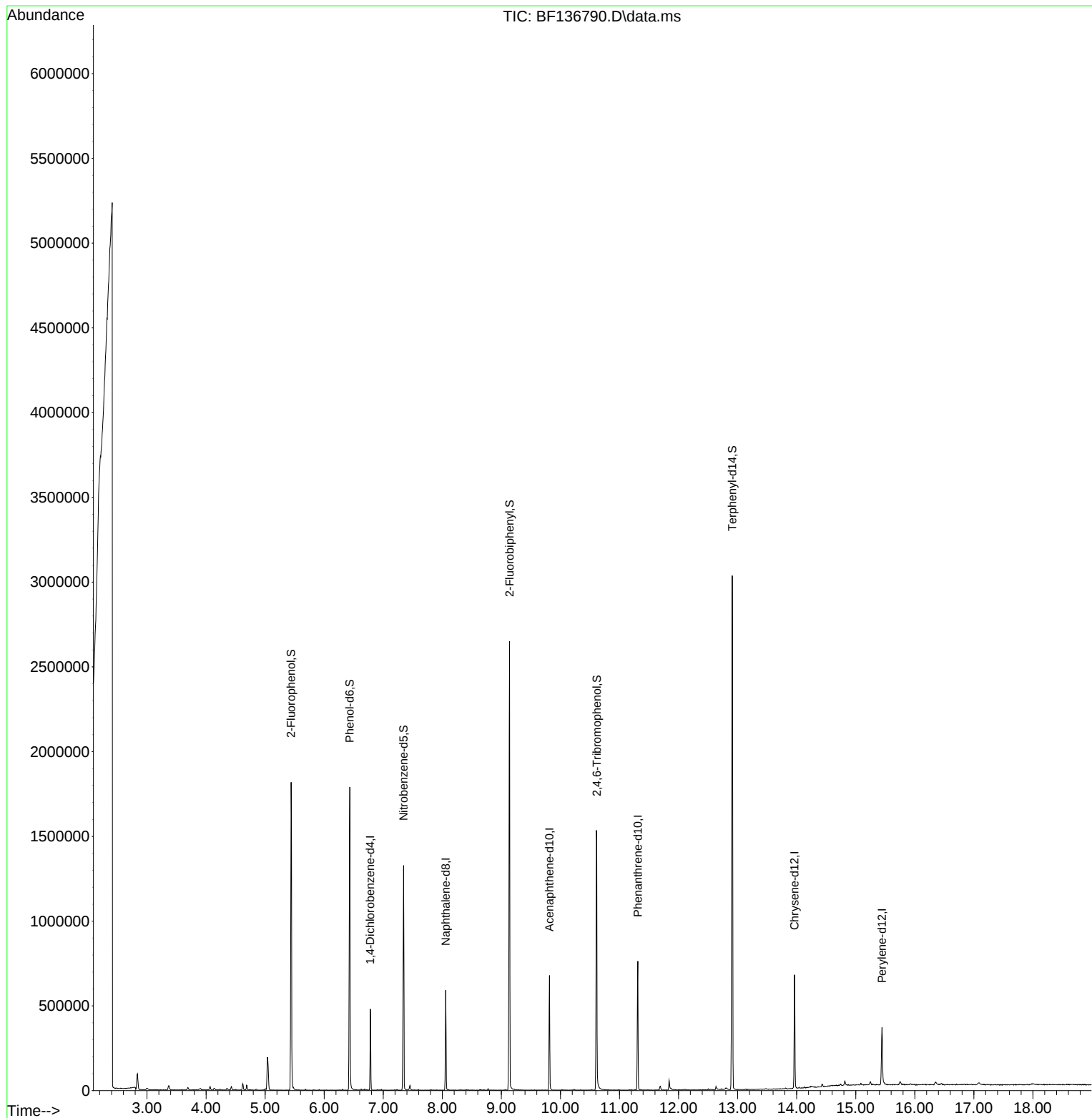
Target Compounds	Qvalue

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

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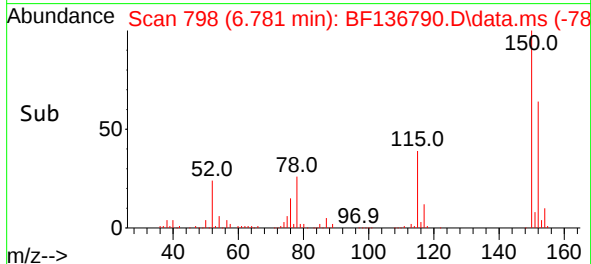
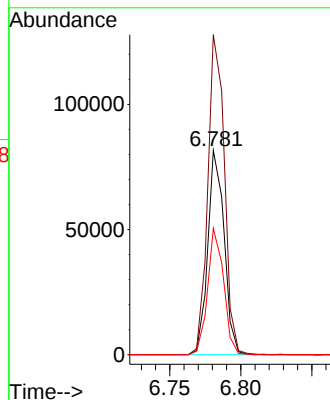
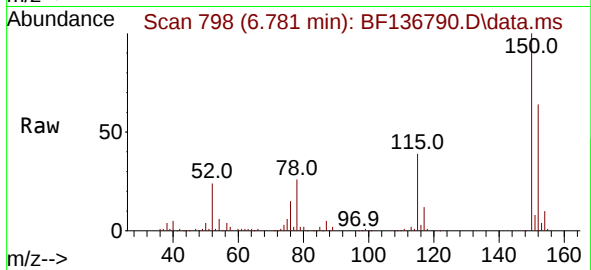




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

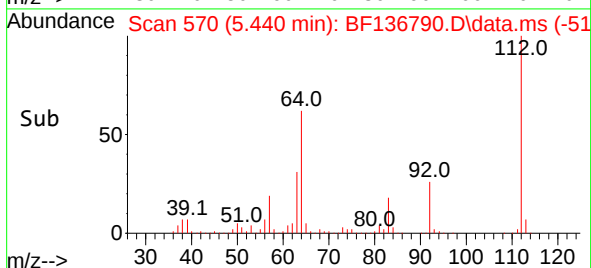
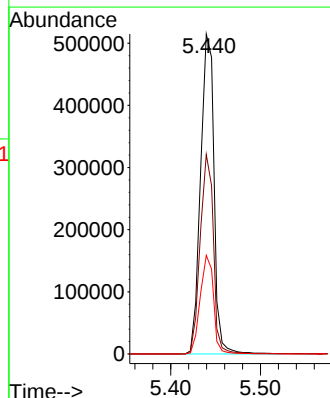
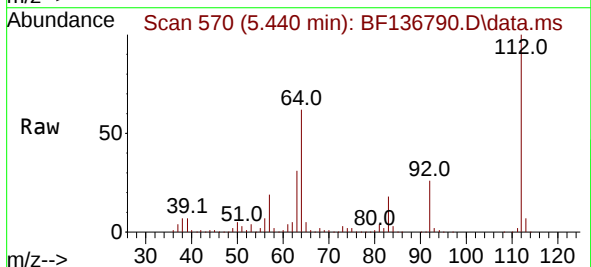
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

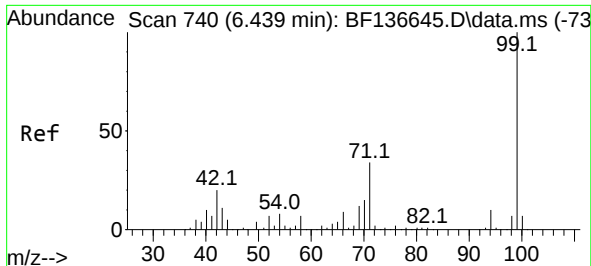
Tgt Ion:152 Resp: 65361
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 128.172 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion:112 Resp: 536919
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 30.8 26.1 39.1

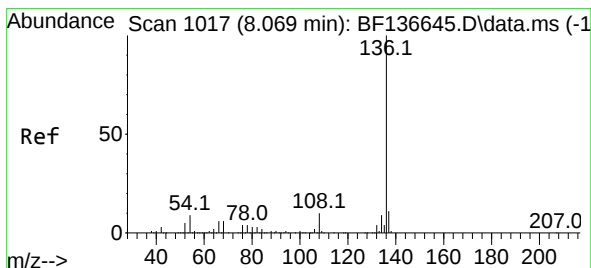
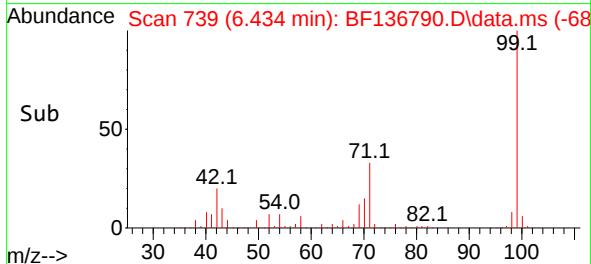
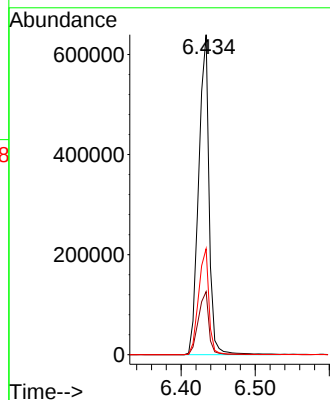
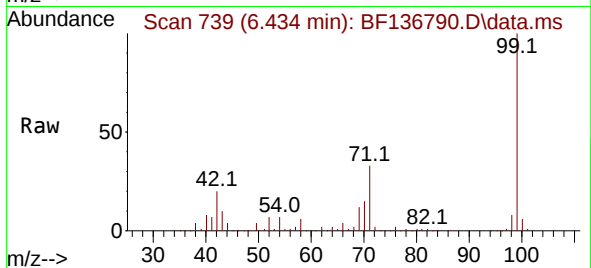




#7
Phenol-d6
Concen: 114.539 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

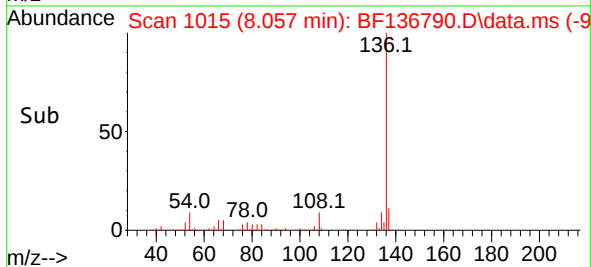
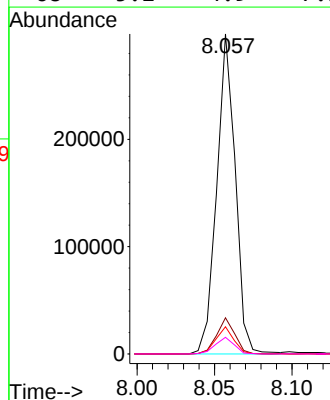
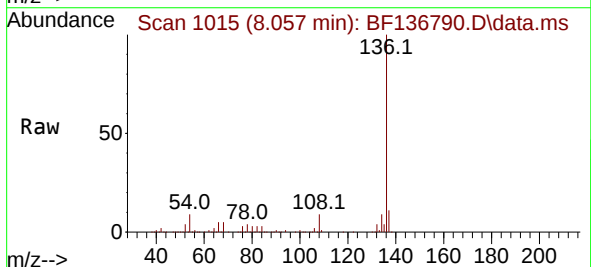
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

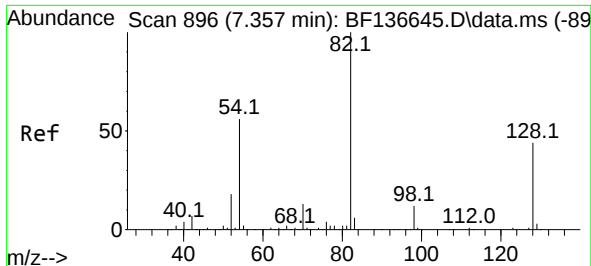
Tgt Ion: 99 Resp: 621717
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion: 136 Resp: 248322
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.5 7.2 10.8
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 89.529 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136790.D

Acq: 28 Dec 2023 12:48

Instrument :

BNA_F

ClientSampleId :

MR-320-0-2

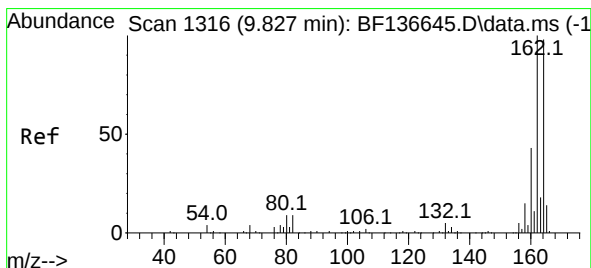
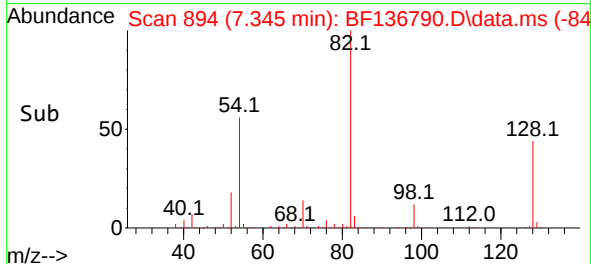
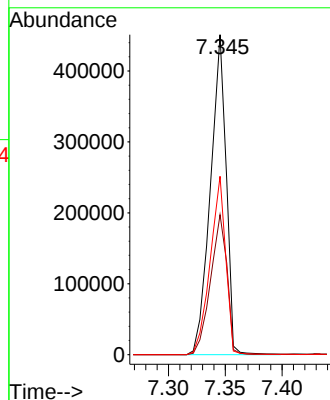
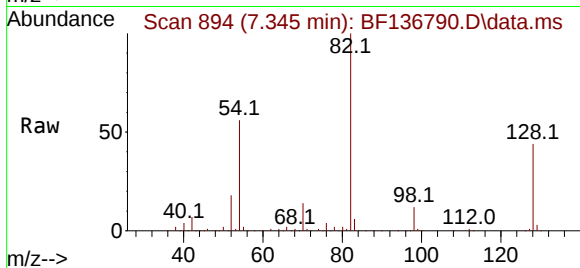
Tgt Ion: 82 Resp: 434465

Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

54 55.7 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: BF136790.D

Acq: 28 Dec 2023 12:48

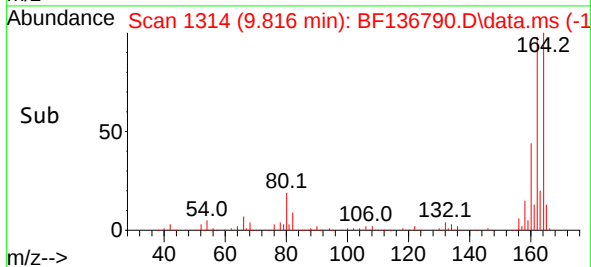
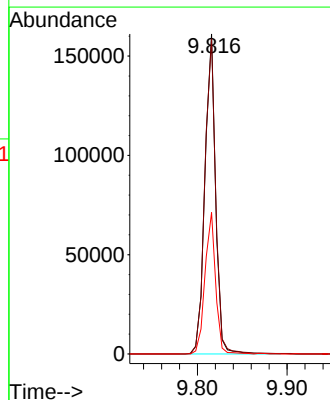
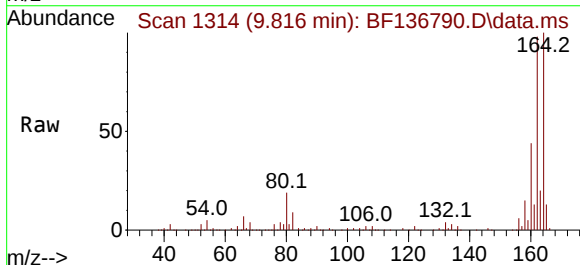
Tgt Ion:164 Resp: 133117

Ion Ratio Lower Upper

164 100

162 98.5 81.6 122.4

160 44.2 34.9 52.3

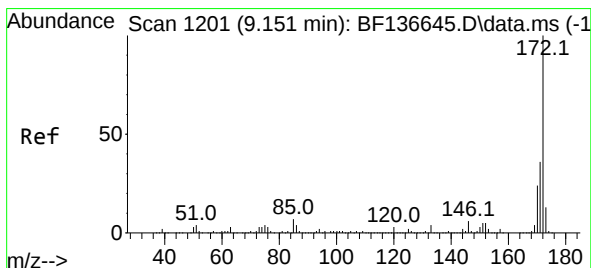
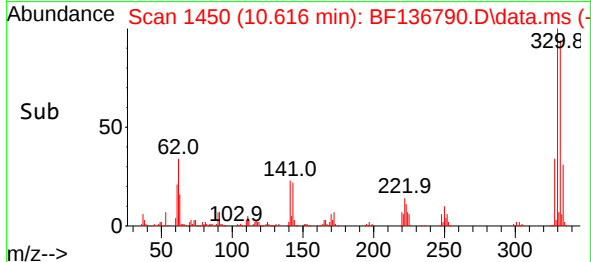
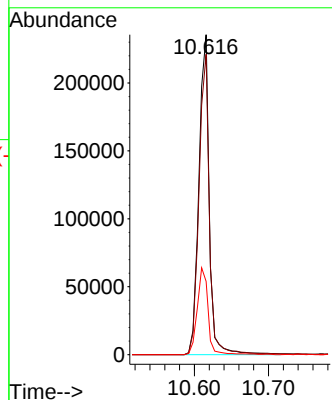
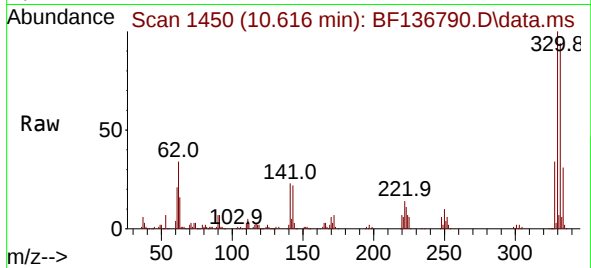




#42
2,4,6-Tribromophenol
Concen: 145.977 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

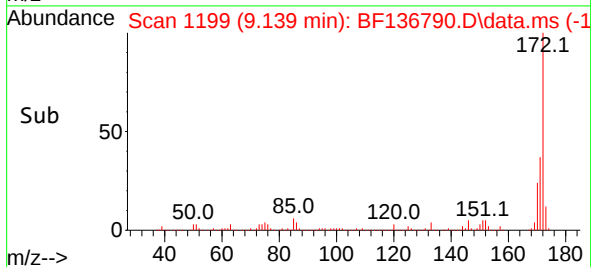
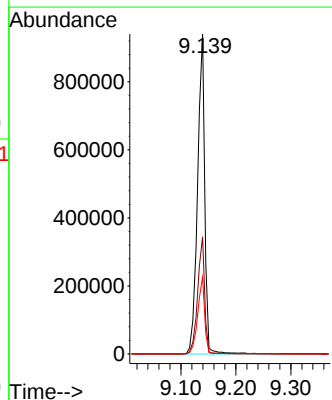
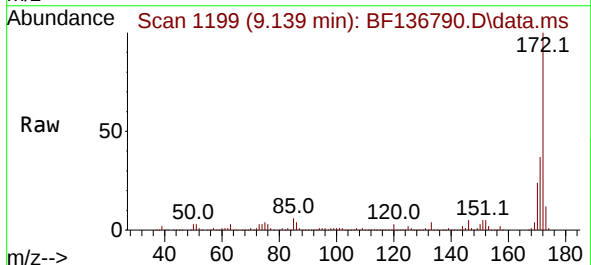
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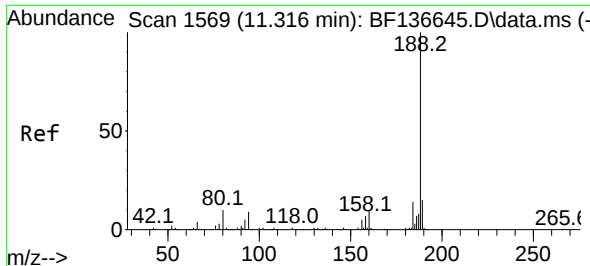
Tgt Ion: 330 Resp: 228855
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 86.644 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

Tgt Ion: 172 Resp: 857539
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.0 19.0 28.4

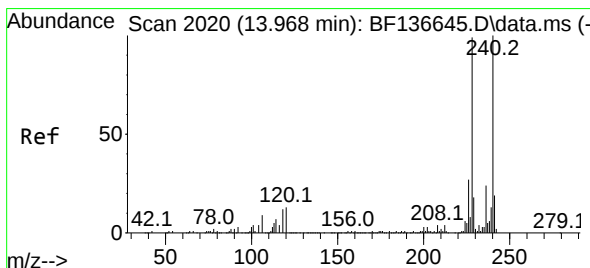
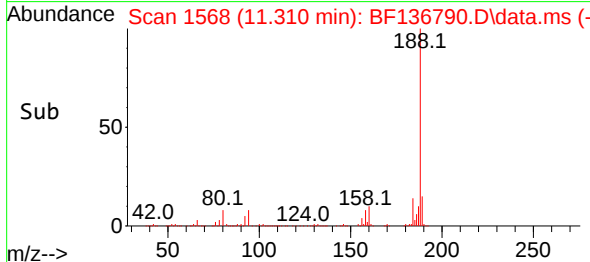
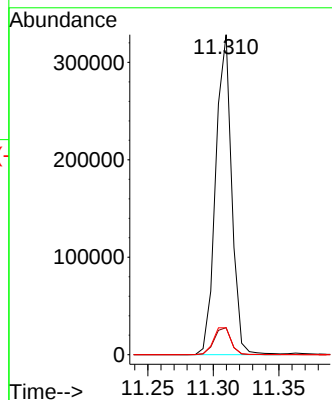
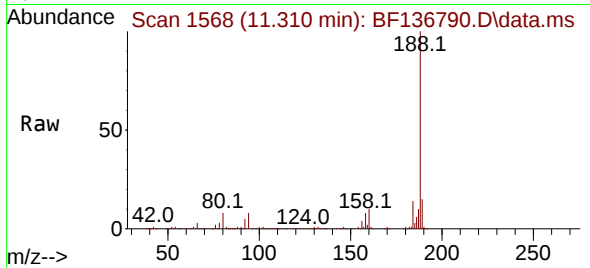




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

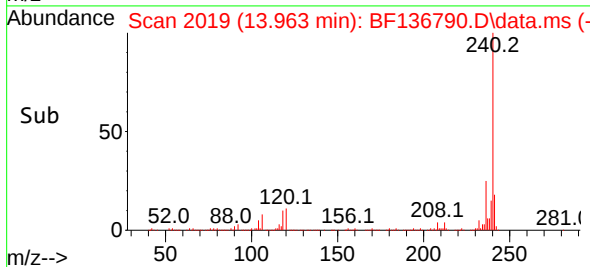
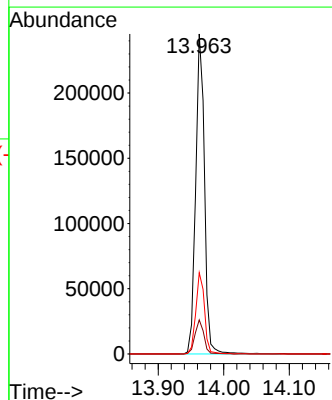
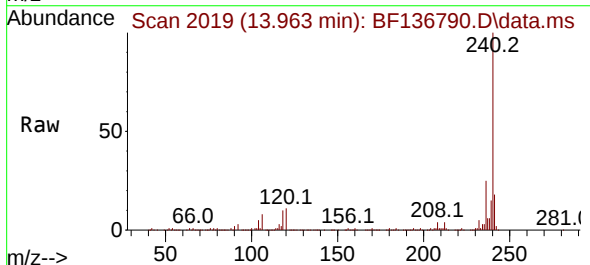
Instrument :
BNA_F
ClientSampleId :
MR-320-0-2

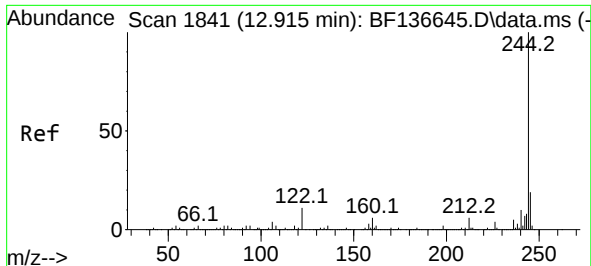
Tgt Ion:188 Resp: 278070
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136790.D
Acq: 28 Dec 2023 12:48

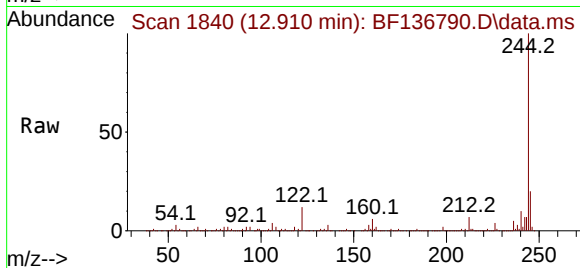
Tgt Ion:240 Resp: 229696
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 25.4 19.4 29.2





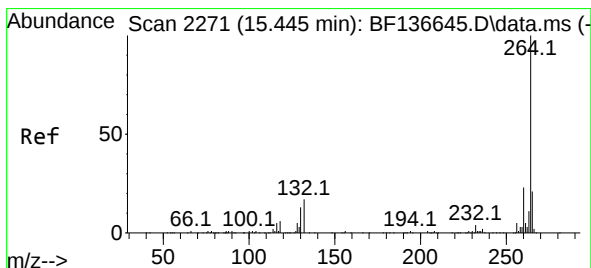
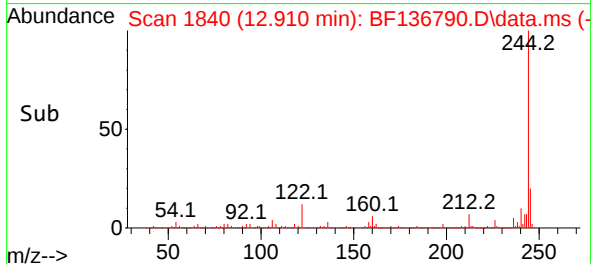
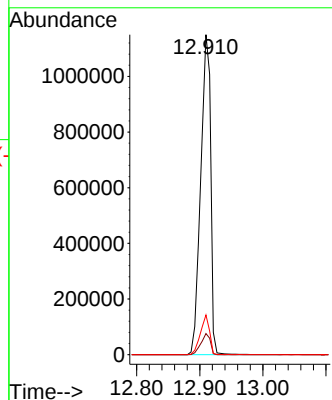
#79
 Terphenyl-d14
 Concen: 76.766 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136790.D
 Acq: 28 Dec 2023 12:48

Instrument :
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Tgt Ion:244 Resp: 1261775

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	12.4	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: BF136790.D
 Acq: 28 Dec 2023 12:48

Tgt Ion:264 Resp: 171878

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	20.3	17.0	25.6

