

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135723.D
 Acq On : 11 Oct 2023 20:17
 Operator : CG\JU
 Sample : 04801-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-4-100623

Quant Time: Oct 12 00:51:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	83910	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	296015	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	120203	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	213840	20.000	ng	0.00
76) Chrysene-d12	13.939	240	153275	20.000	ng	0.00
86) Perylene-d12	15.415	264	128067	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	214009	41.482	ng	0.00
7) Phenol-d6	6.392	99	270201	41.189	ng	0.00
23) Nitrobenzene-d5	7.304	82	150748	27.668	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	43385	36.320	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	238695	29.960	ng	0.00
79) Terphenyl-d14	12.874	244	270403	27.348	ng	0.00

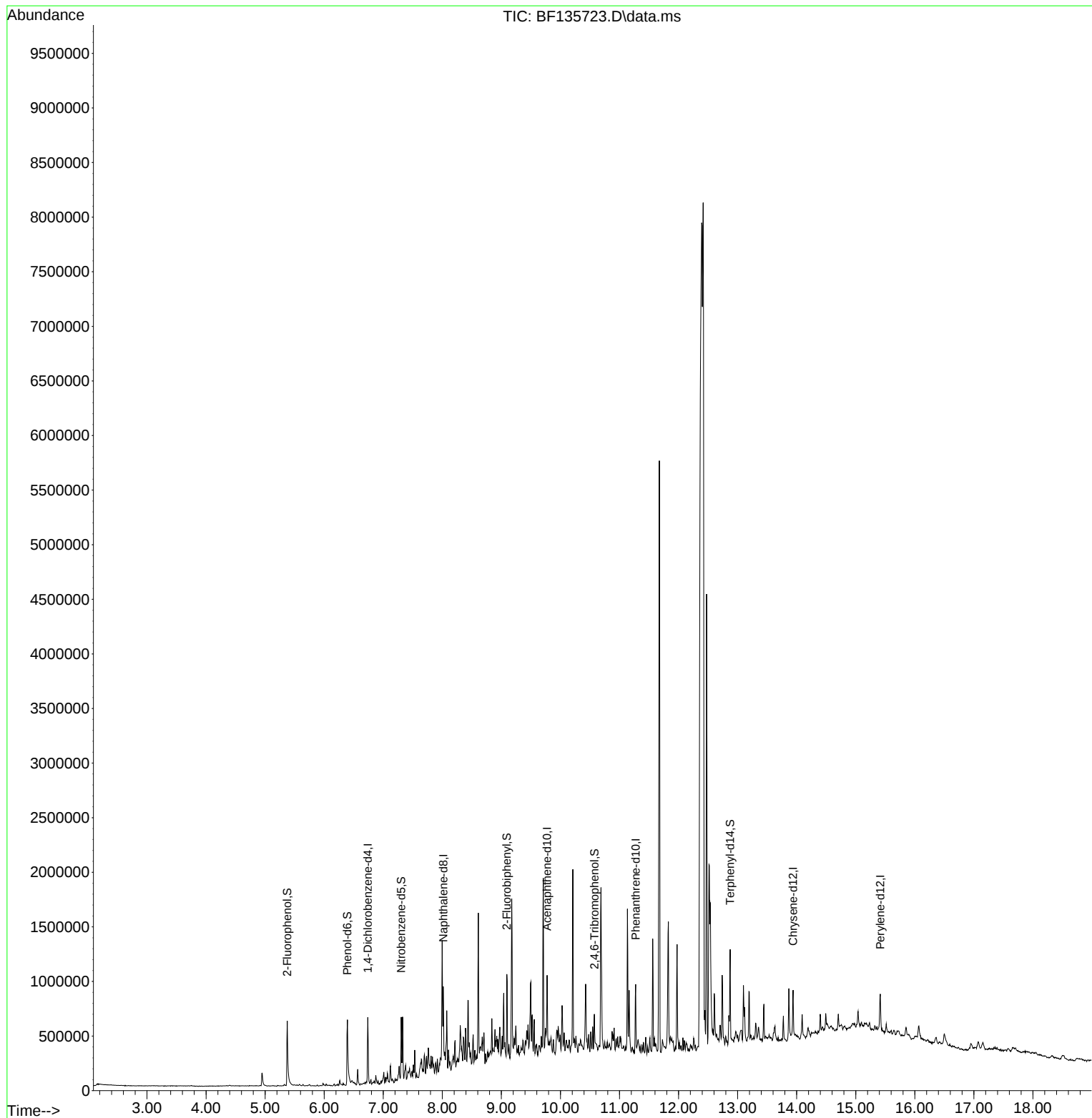
Target Compounds	Qvalue

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

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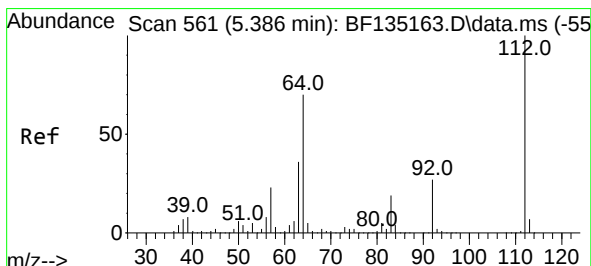
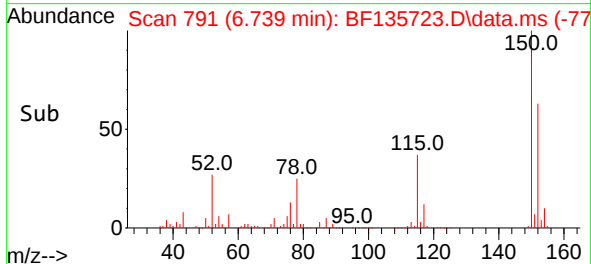
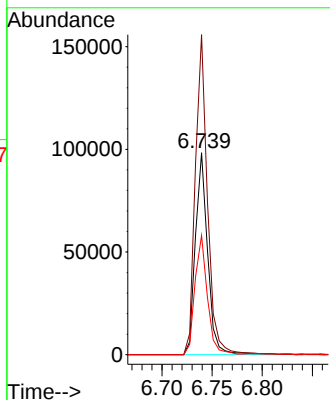
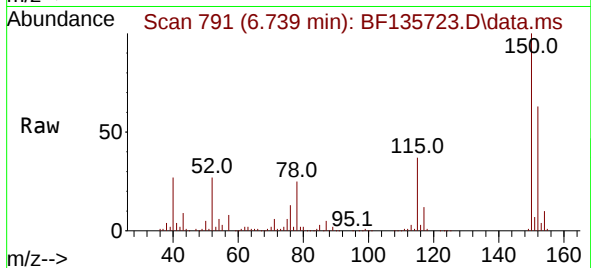




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135723.D
 Acq: 11 Oct 2023 20:17

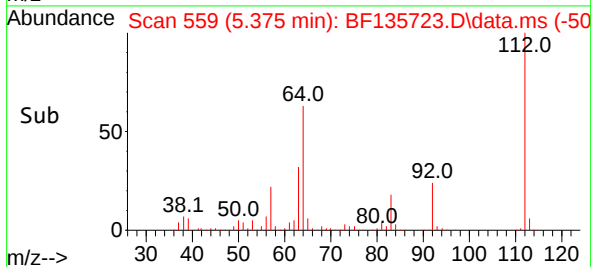
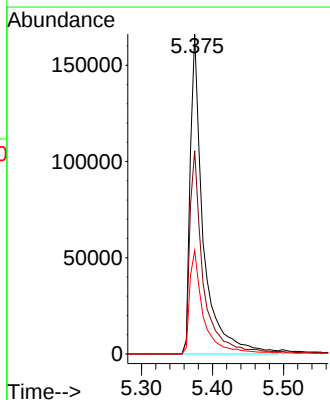
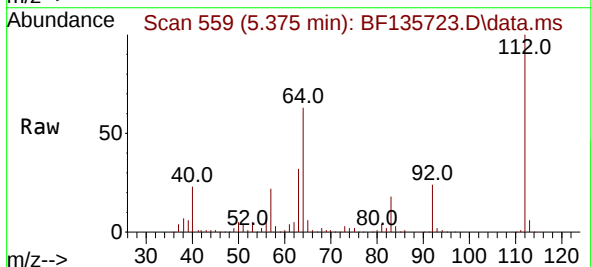
Instrument :
 BNA_F
 ClientSampleId :
 HR-4-100623

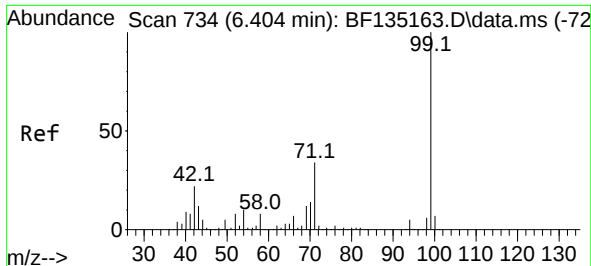
Tgt Ion:152 Resp: 83910
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.8 191.6
 115 59.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 41.482 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135723.D
 Acq: 11 Oct 2023 20:17

Tgt Ion:112 Resp: 214009
 Ion Ratio Lower Upper
 112 100
 64 63.5 55.9 83.9
 63 32.3 29.0 43.6

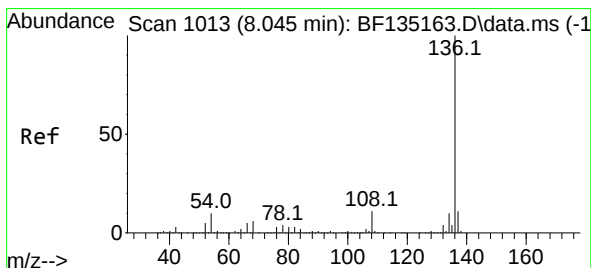
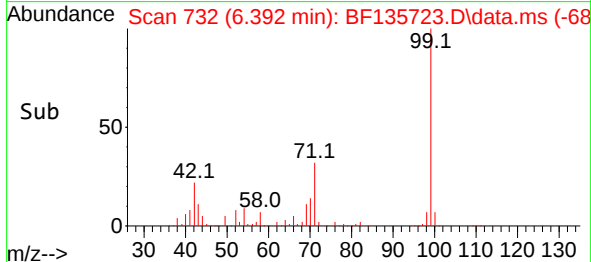
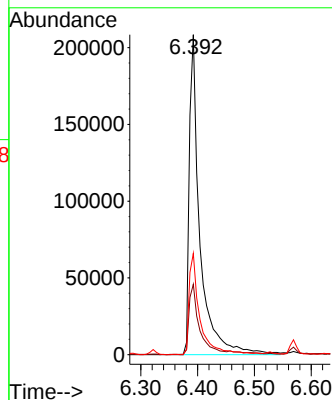
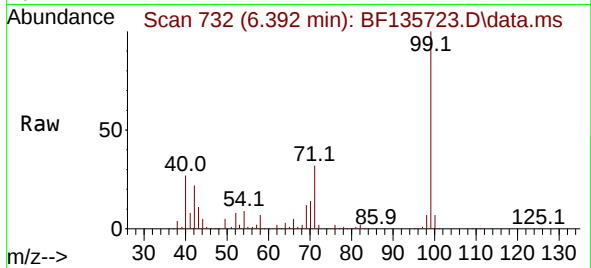




#7
Phenol-d6
Concen: 41.189 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

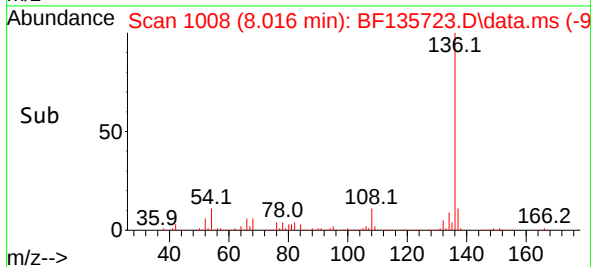
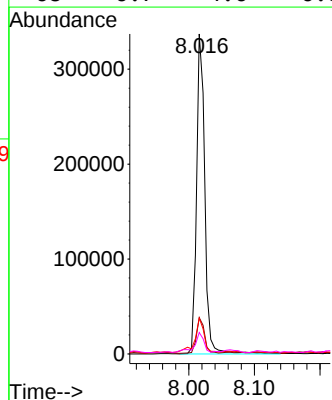
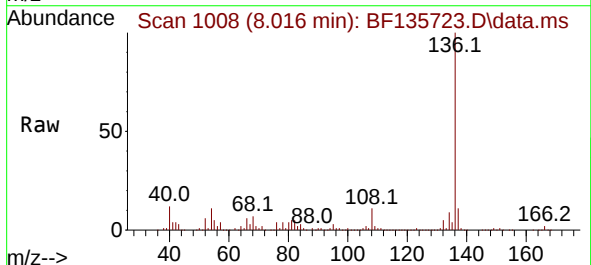
Instrument :
BNA_F
ClientSampleId :
HR-4-100623

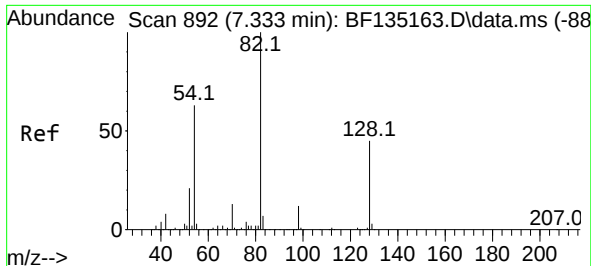
Tgt Ion: 99 Resp: 270201
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 31.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

Tgt Ion: 136 Resp: 296015
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.2 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 27.668 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135723.D

Acq: 11 Oct 2023 20:17

Instrument :

BNA_F

ClientSampleId :

HR-4-100623

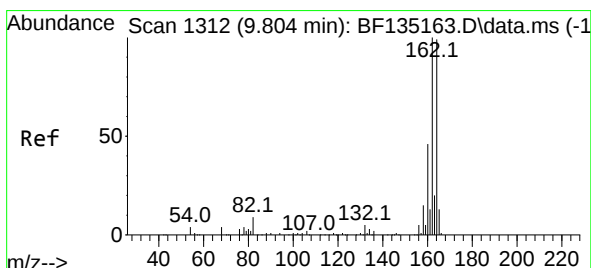
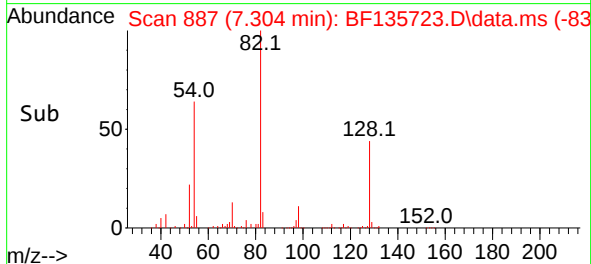
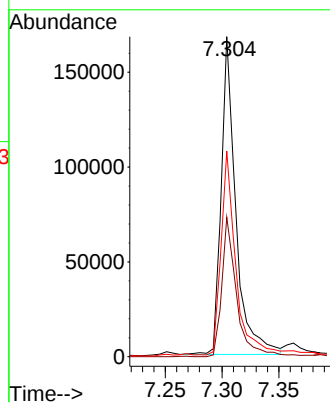
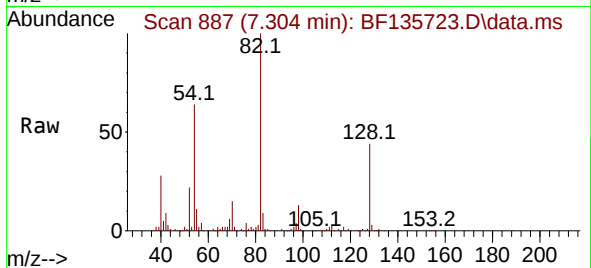
Tgt Ion: 82 Resp: 150748

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 64.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135723.D

Acq: 11 Oct 2023 20:17

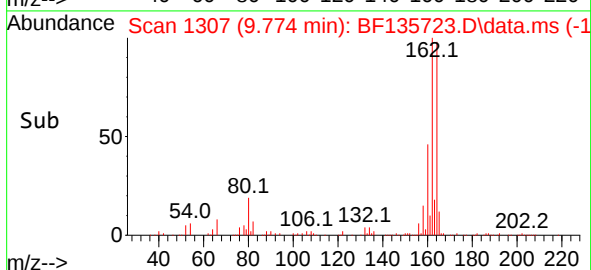
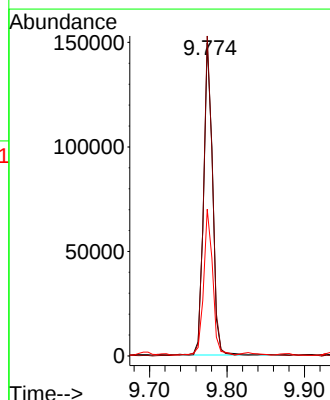
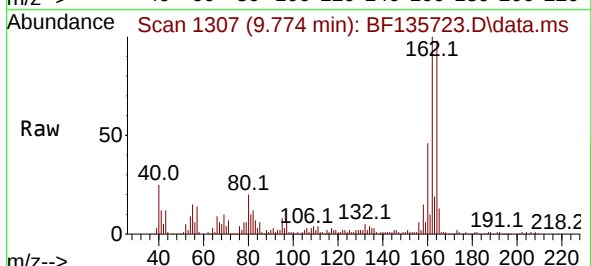
Tgt Ion: 164 Resp: 120203

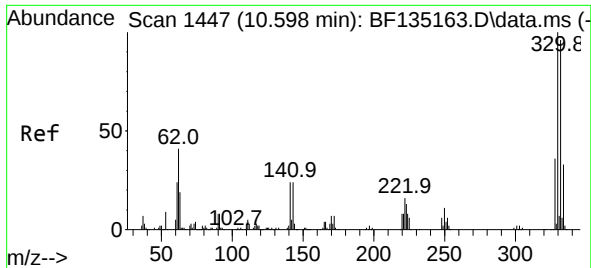
Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

160 46.9 37.0 55.4

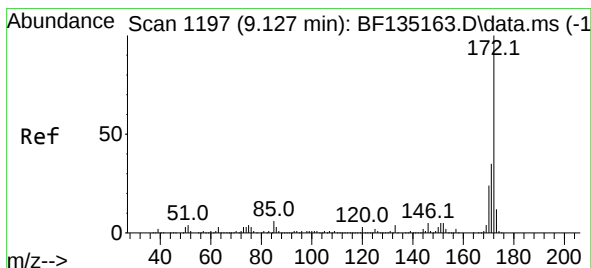
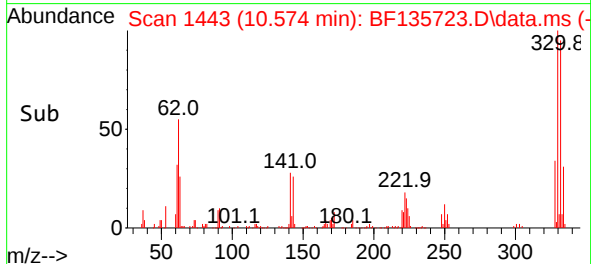
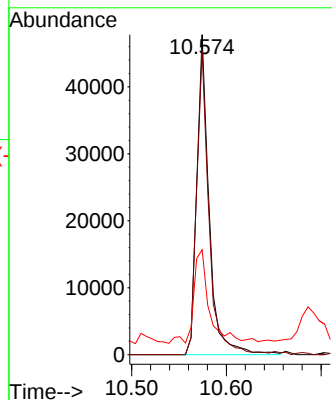
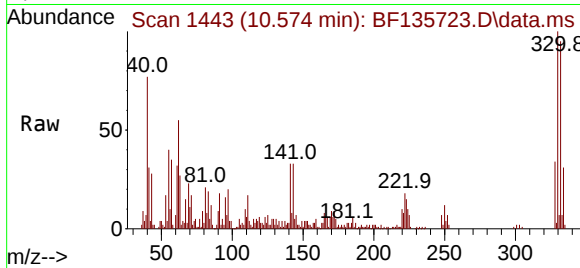




#42
2,4,6-Tribromophenol
Concen: 36.320 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

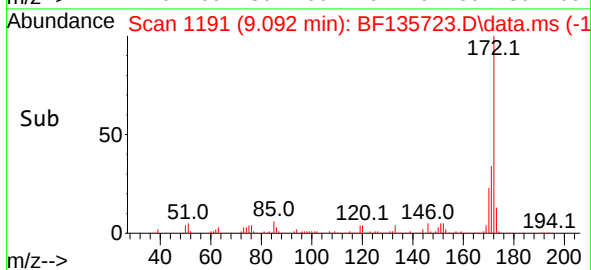
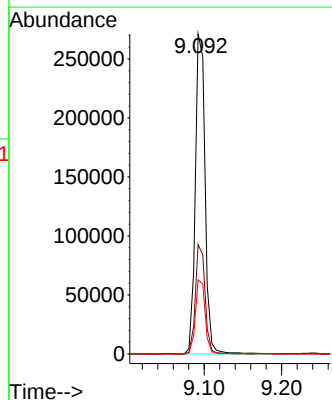
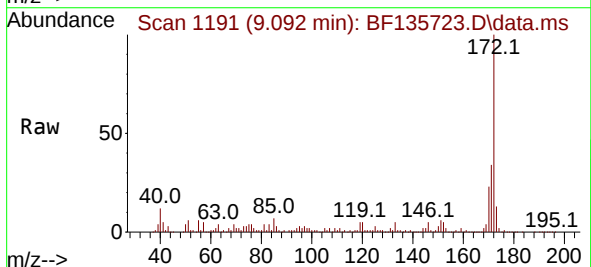
Instrument :
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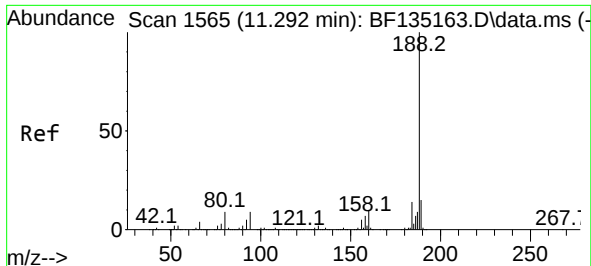
Tgt Ion:330 Resp: 43385
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 38.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 29.960 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

Tgt Ion:172 Resp: 238695
Ion Ratio Lower Upper
172 100
171 34.2 28.4 42.6
170 23.1 19.0 28.4

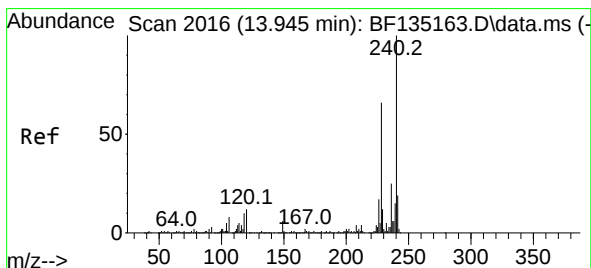
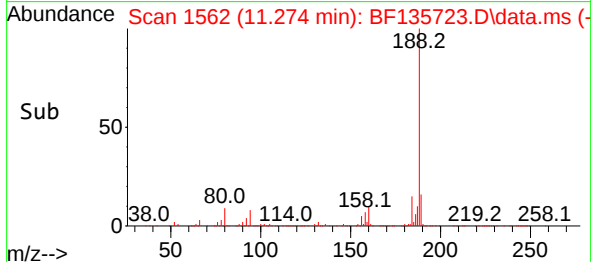
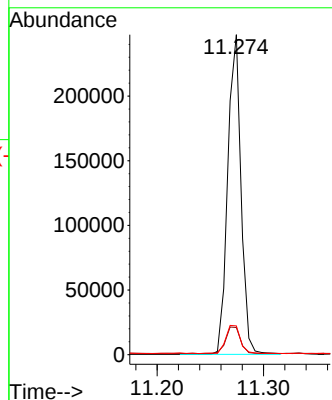
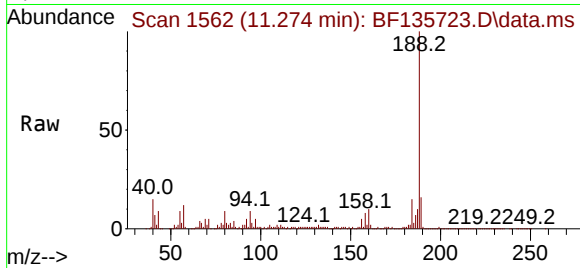




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

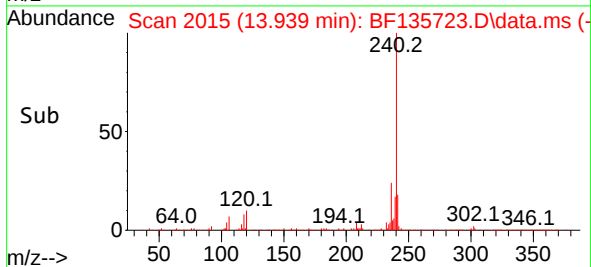
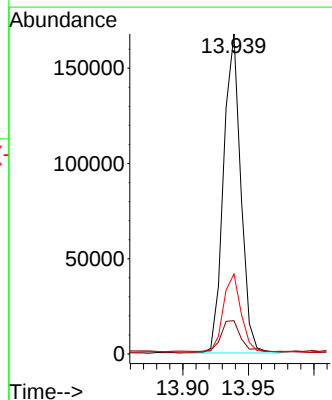
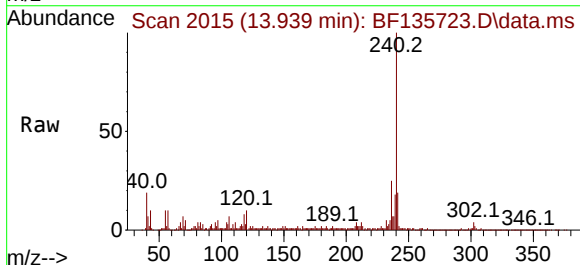
Instrument :
BNA_F
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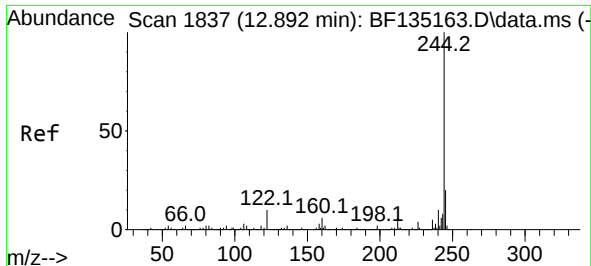
Tgt Ion:188 Resp: 213840
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135723.D
Acq: 11 Oct 2023 20:17

Tgt Ion:240 Resp: 153275
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.0 19.8 29.8

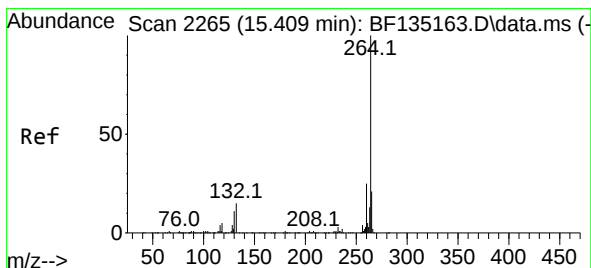
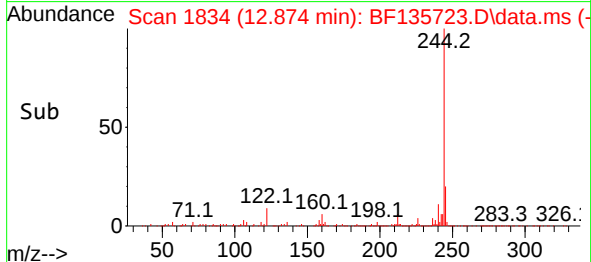
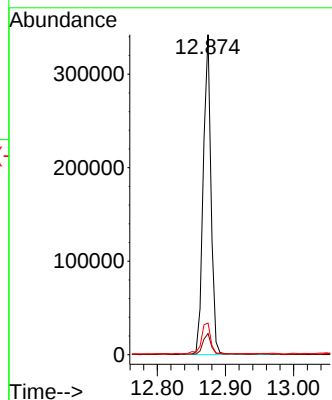
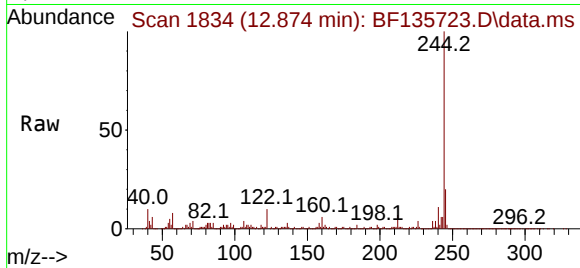




#79
 Terphenyl-d14
 Concen: 27.348 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF135723.D
 Acq: 11 Oct 2023 20:17

Instrument :
 BNA_F
 ClientSampleId :
 HR-4-100623

Tgt Ion:244 Resp: 270403
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 9.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.012 min
 Lab File: BF135723.D
 Acq: 11 Oct 2023 20:17

Tgt Ion:264 Resp: 128067
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.0 17.0 25.4

