

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135493.D
 Acq On : 28 Sep 2023 15:03
 Operator : CG\JU
 Sample : 04620-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-WALL

Quant Time: Sep 29 00:23:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	132251	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	509272	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	244270	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	439439	20.000	ng	0.00
76) Chrysene-d12	13.921	240	239147	20.000	ng	0.00
86) Perylene-d12	15.380	264	281169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	546998	67.271	ng	0.00
7) Phenol-d6	6.392	99	890054	86.084	ng	0.00
23) Nitrobenzene-d5	7.310	82	569447	60.749	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	109747	45.211	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	977440	60.371	ng	0.00
79) Terphenyl-d14	12.863	244	858596	55.656	ng	0.00

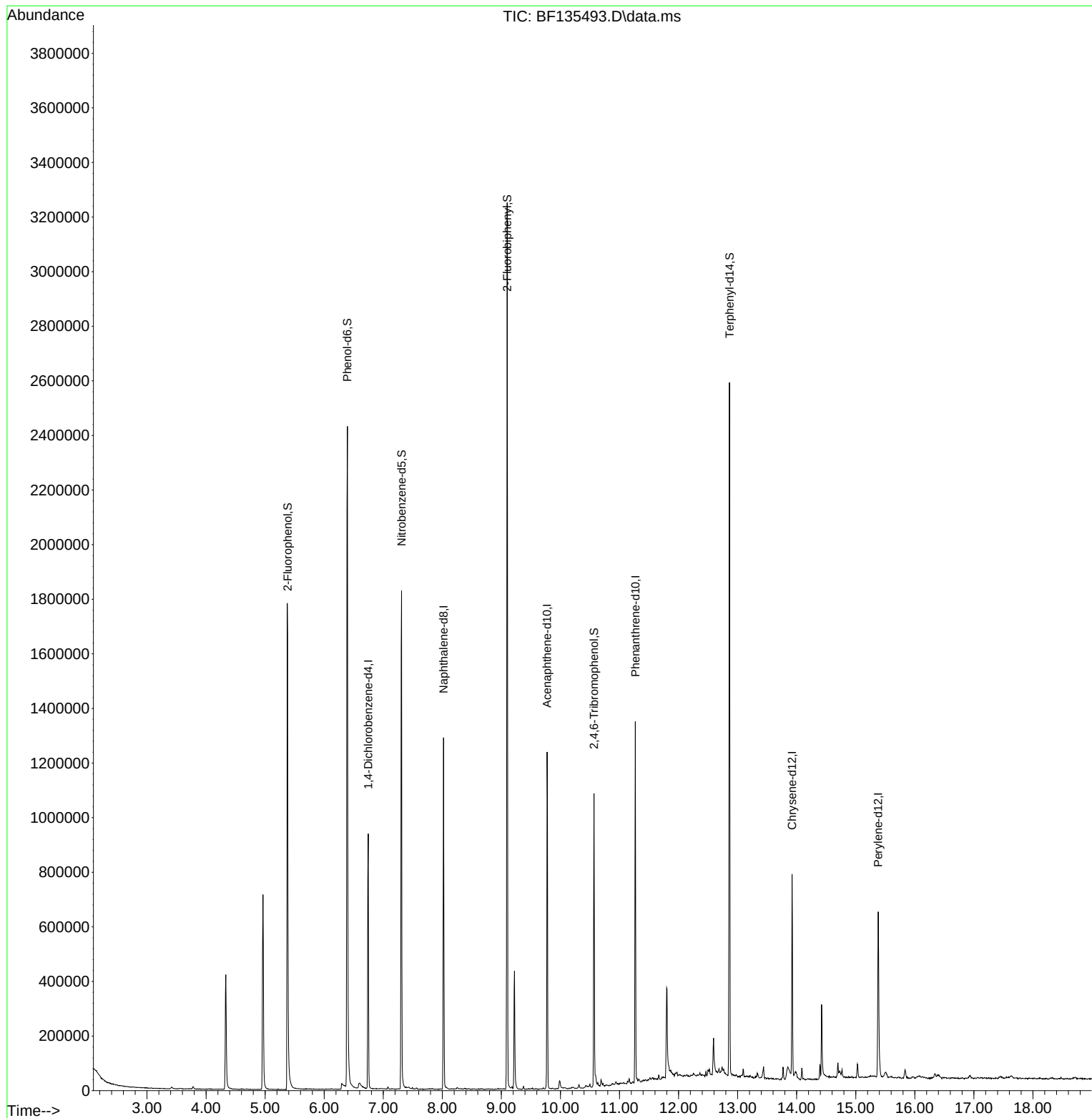
Target Compounds	Qvalue

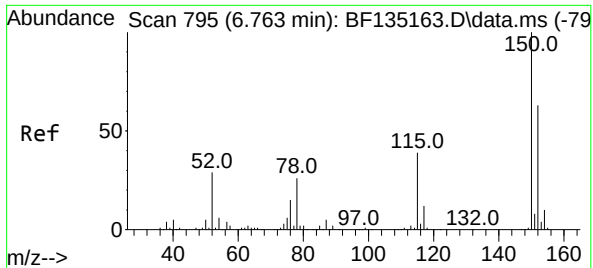
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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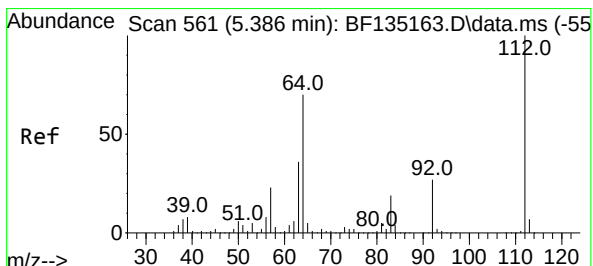
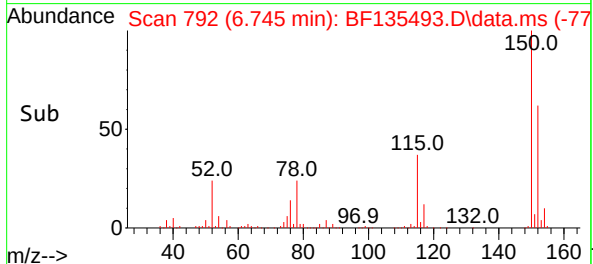
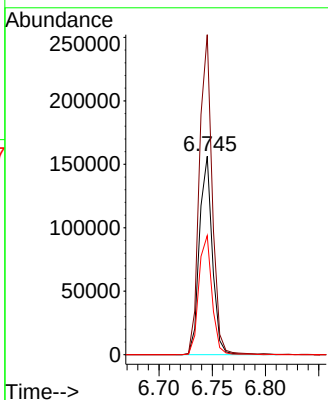
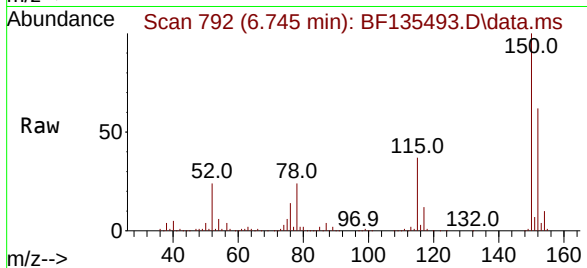




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

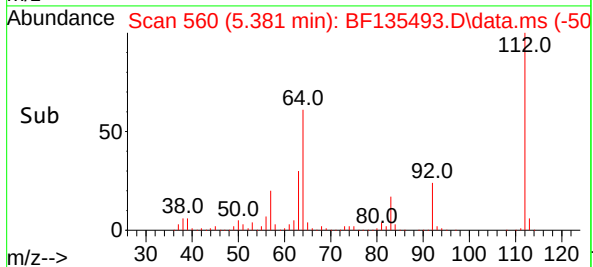
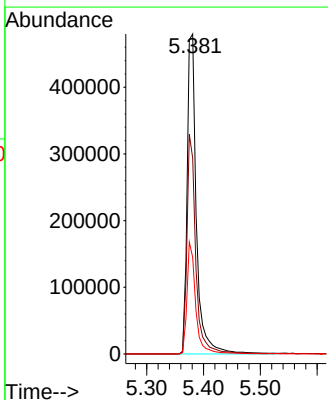
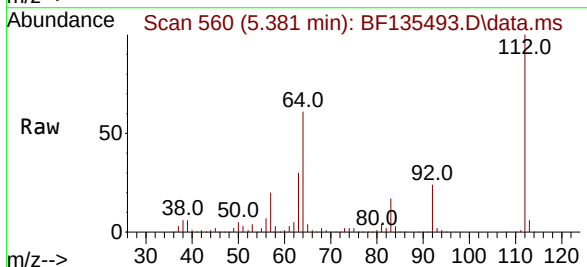
Instrument :
BNA_F
ClientSampleId :
CON-WALL

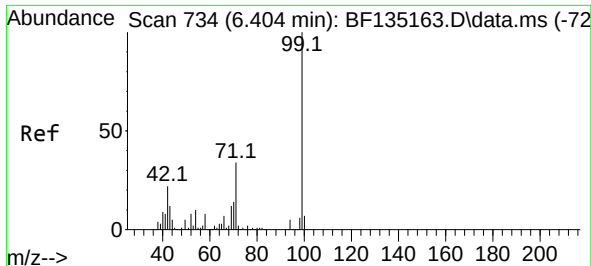
Tgt Ion:152 Resp: 132251
Ion Ratio Lower Upper
152 100
150 161.3 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 67.271 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:112 Resp: 546998
Ion Ratio Lower Upper
112 100
64 61.2 55.9 83.9
63 30.2 29.0 43.6

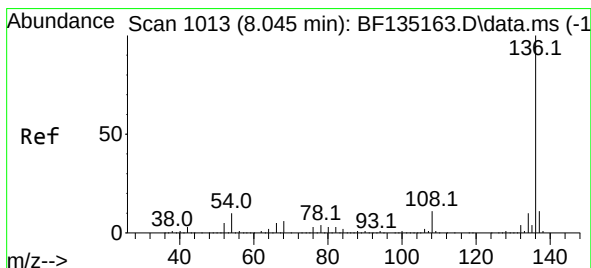
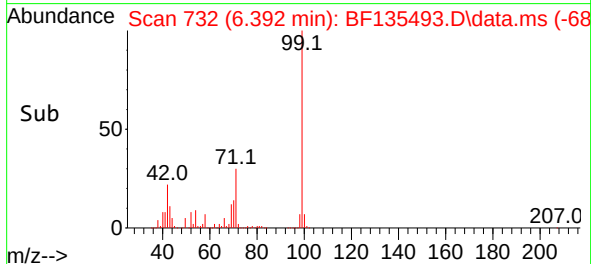
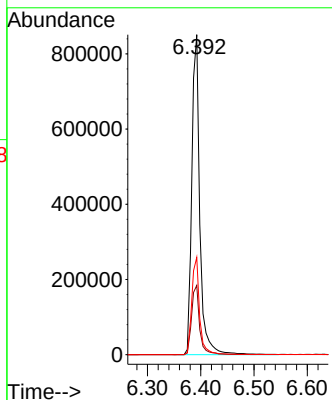
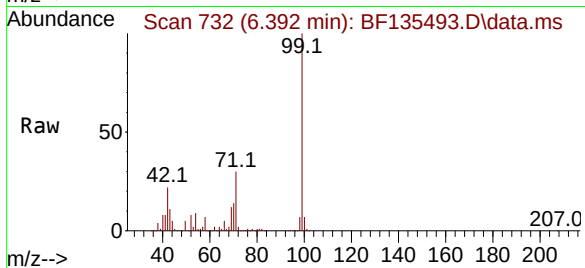




#7
Phenol-d6
Concen: 86.084 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

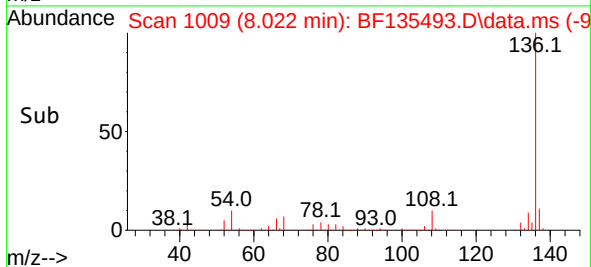
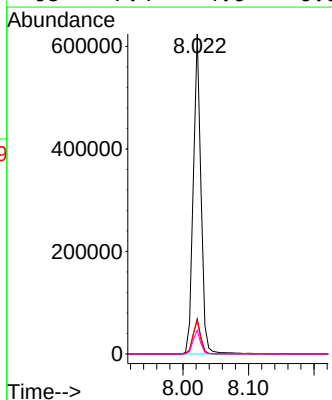
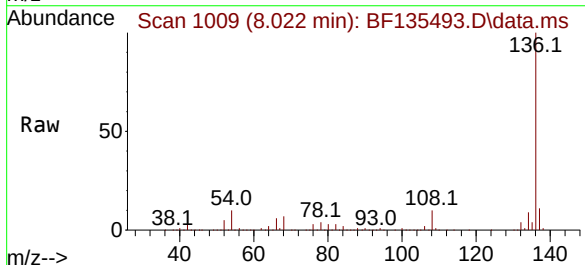
Instrument :
BNA_F
ClientSampleId :
CON-WALL

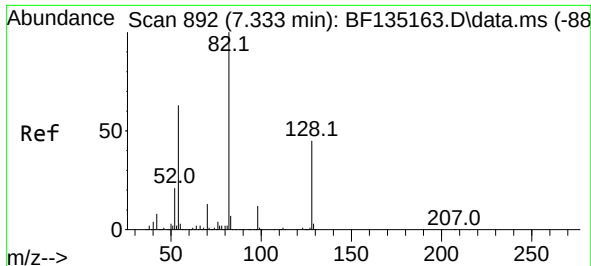
Tgt Ion: 99 Resp: 890054
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 30.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion: 136 Resp: 509272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 7.4 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 60.749 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135493.D

Acq: 28 Sep 2023 15:03

Instrument :

BNA_F

ClientSampleId :

CON-WALL

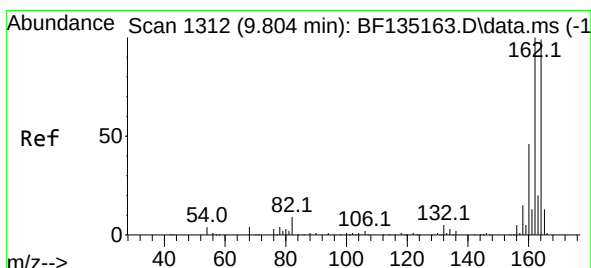
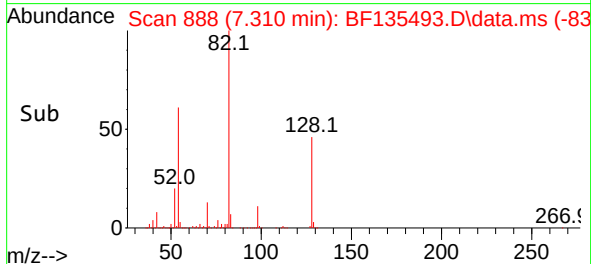
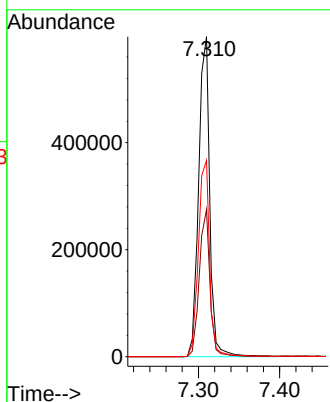
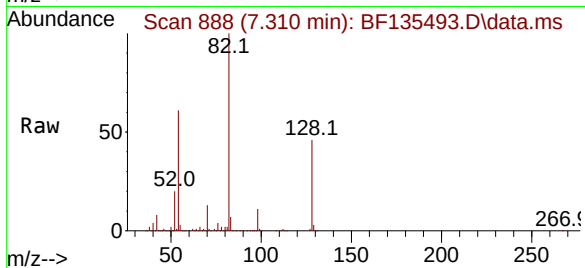
Tgt Ion: 82 Resp: 569447

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.6

54 61.3 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: BF135493.D

Acq: 28 Sep 2023 15:03

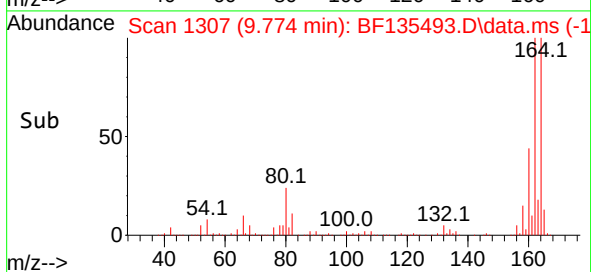
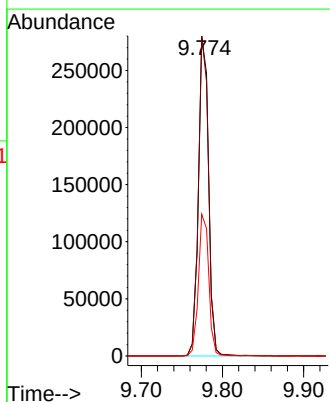
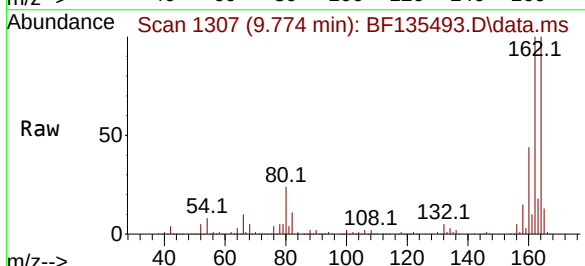
Tgt Ion: 164 Resp: 244270

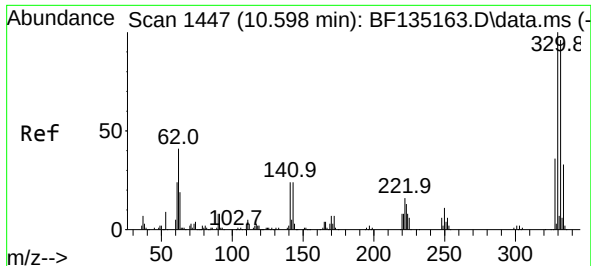
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 44.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 45.211 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF135493.D

Acq: 28 Sep 2023 15:03

Instrument :

BNA_F

ClientSampleId :

CON-WALL

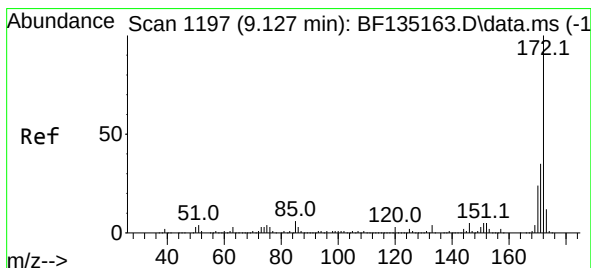
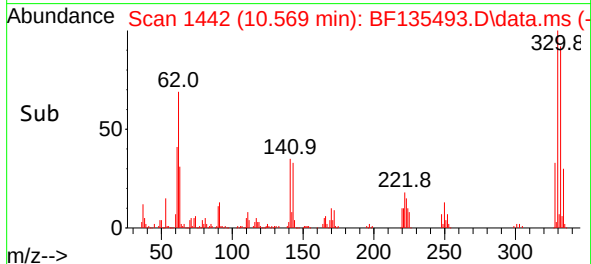
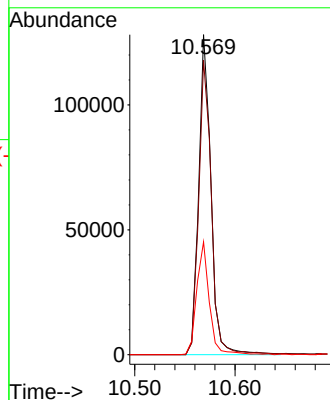
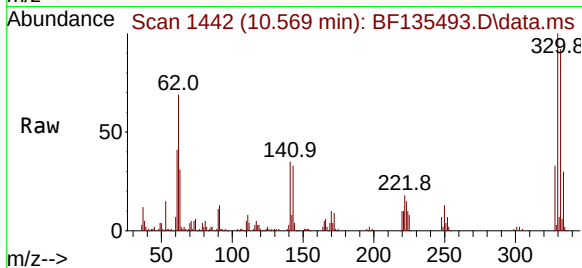
Tgt Ion:330 Resp: 109747

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 36.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 60.371 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135493.D

Acq: 28 Sep 2023 15:03

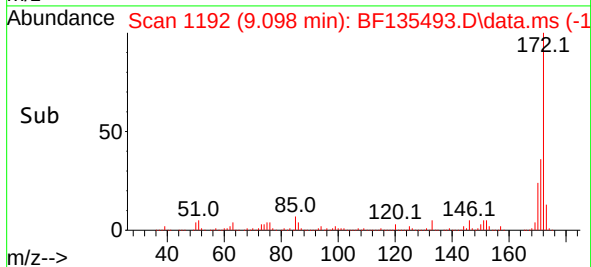
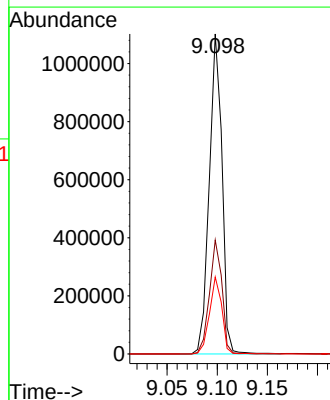
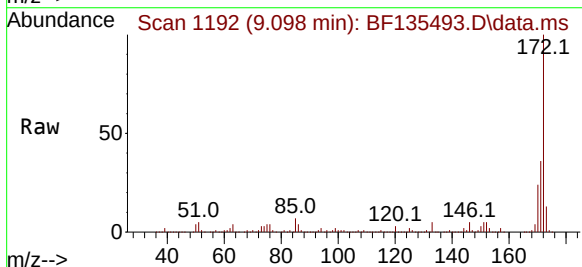
Tgt Ion:172 Resp: 977440

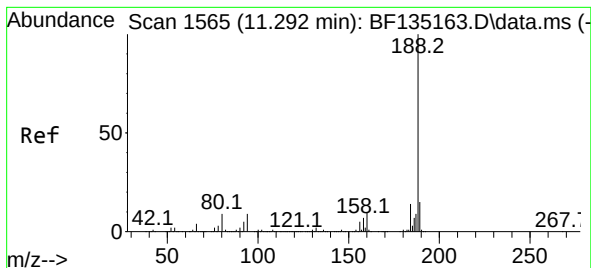
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.0 28.4

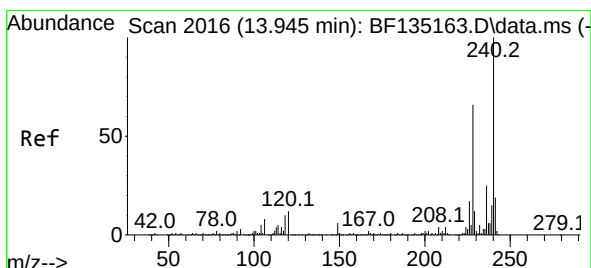
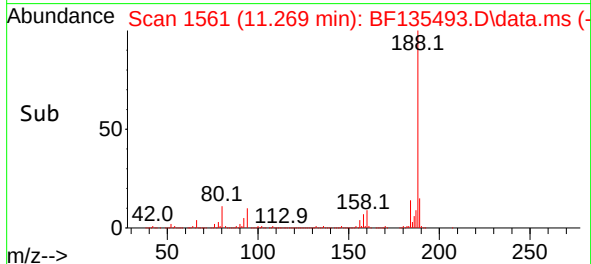
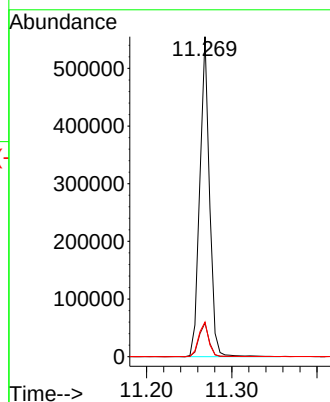
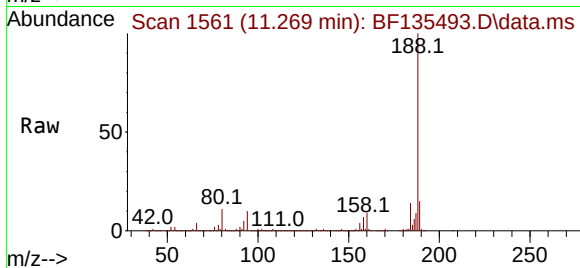




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

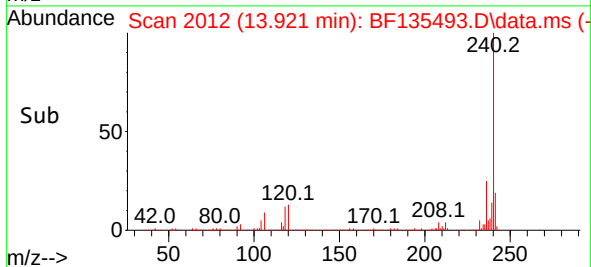
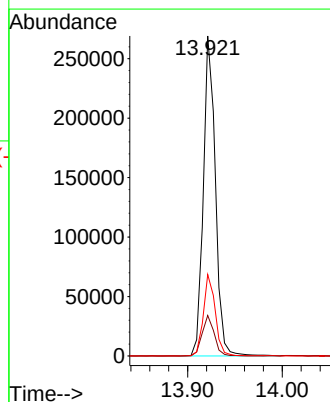
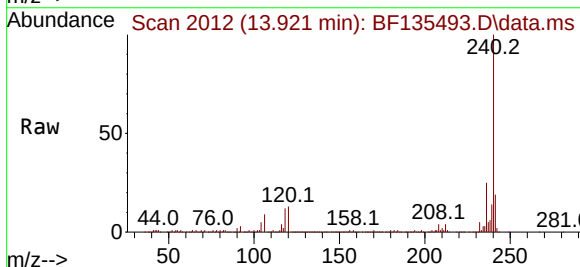
Instrument :
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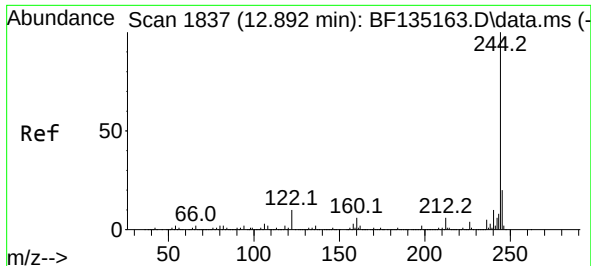
Tgt Ion:188 Resp: 439439
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:240 Resp: 239147
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 25.5 19.8 29.8

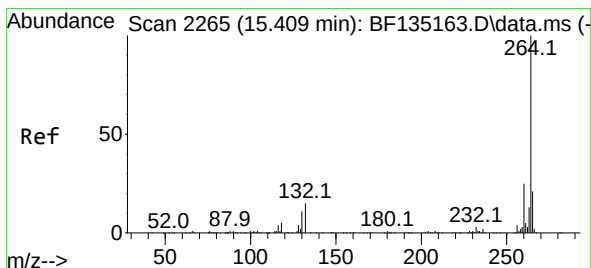
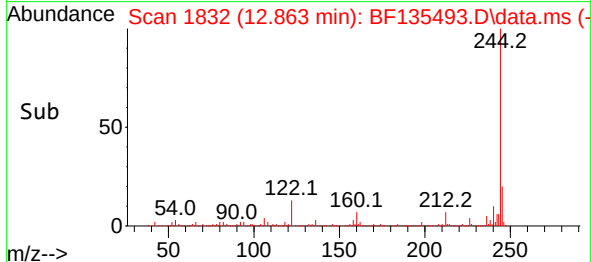
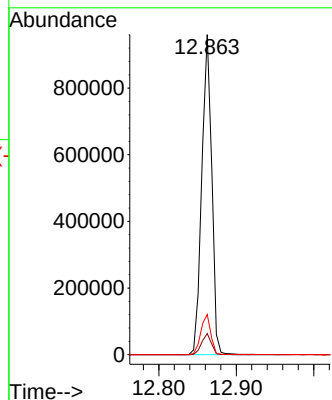
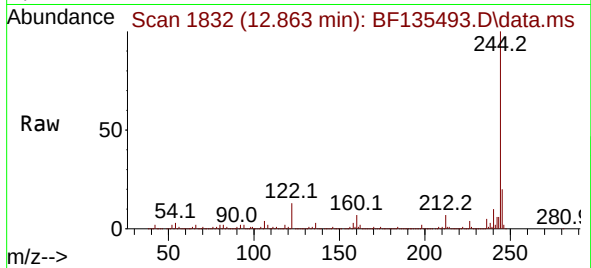




#79
 Terphenyl-d14
 Concen: 55.656 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135493.D
 Acq: 28 Sep 2023 15:03

Instrument :
 BNA_F
 ClientSampleId :
 CON-WALL

Tgt Ion:244 Resp: 858596
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.6 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BF135493.D
 Acq: 28 Sep 2023 15:03

Tgt Ion:264 Resp: 281169
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.3 17.0 25.4

