

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132691.D
 Acq On : 08 Mar 2023 15:38
 Operator : CG\JU
 Sample : 01829-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-03-20230306

Quant Time: Mar 09 00:37:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.986	152	158153	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	569881	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	334583	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	618839	20.000	ng	0.00
76) Chrysene-d12	14.186	240	358295	20.000	ng	-0.01
86) Perylene-d12	15.733	264	397329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	716274	73.504	ng	0.00
7) Phenol-d6	6.610	99	911904	71.704	ng	-0.01
23) Nitrobenzene-d5	7.551	82	536367	44.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	239966	66.411	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	948303	43.157	ng	-0.01
79) Terphenyl-d14	13.115	244	901017	42.518	ng	-0.01

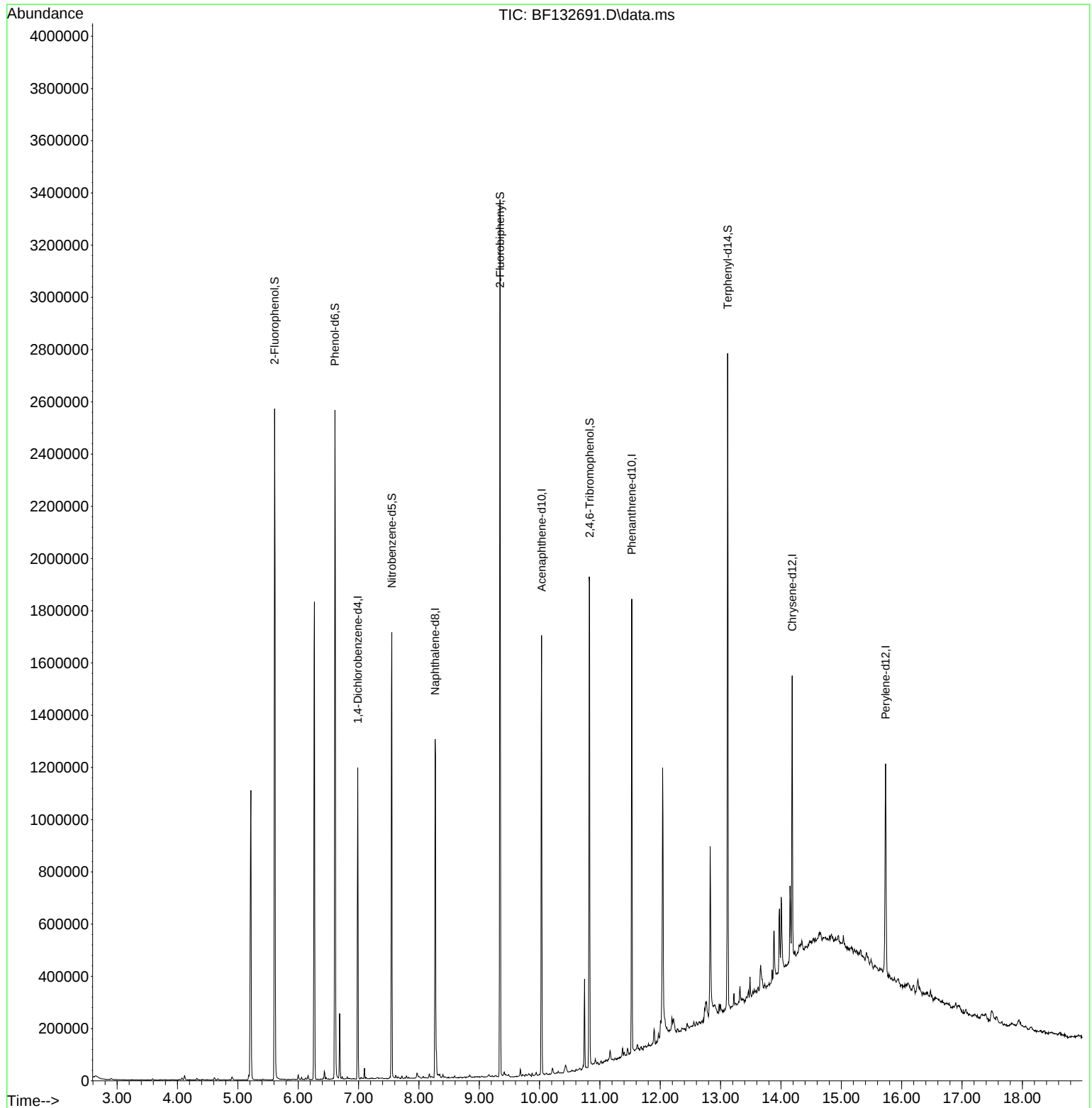
Target Compounds	Qvalue

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

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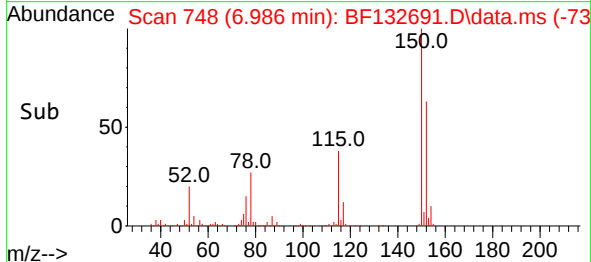
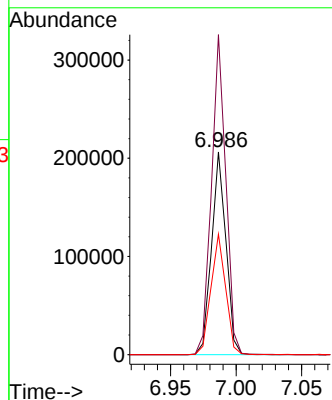
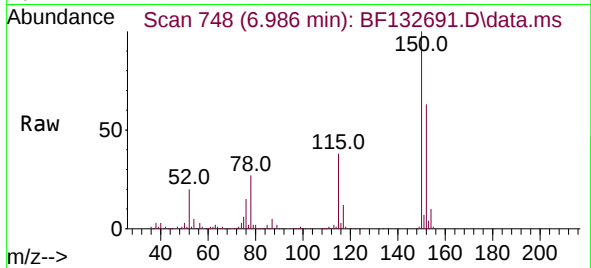




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.986 min Scan# 710
Delta R.T. -0.007 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

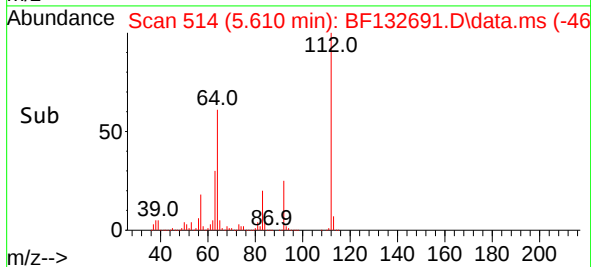
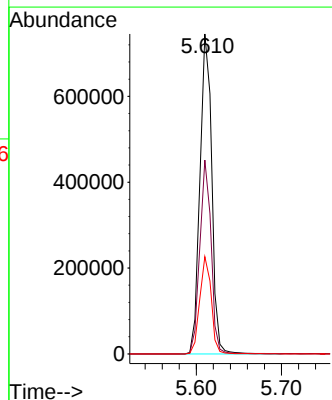
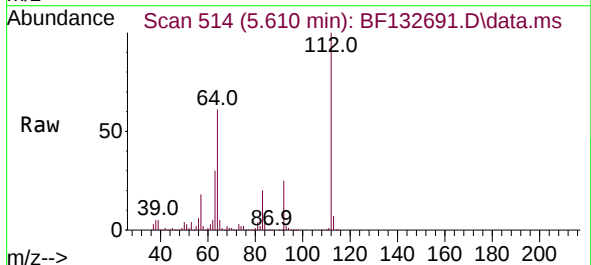
Instrument :
BNA_F
ClientSampleId :
SS-03-20230306

Tgt Ion:152 Resp: 158153
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.2
115 59.4 47.8 71.6



#5
2-Fluorophenol
Concen: 73.504 ng
RT: 5.610 min Scan# 514
Delta R.T. -0.006 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

Tgt Ion:112 Resp: 716274
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 30.4 27.4 41.2



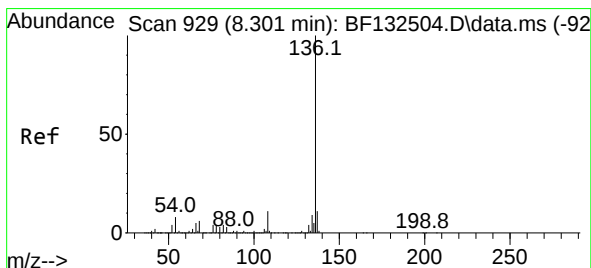
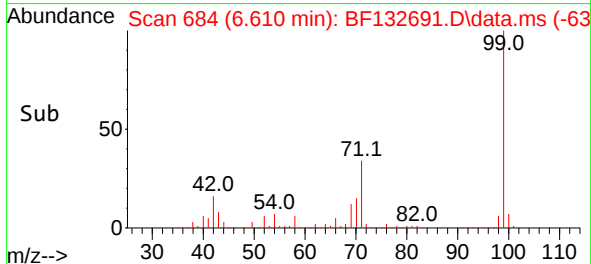
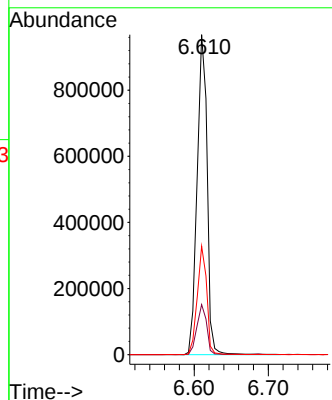
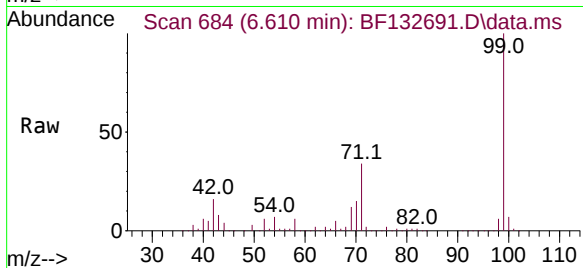


#7
Phenol-d6
Concen: 71.704 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

Instrument :
BNA_F
ClientSampleId :
SS-03-20230306

Tgt Ion: 99 Resp: 911904

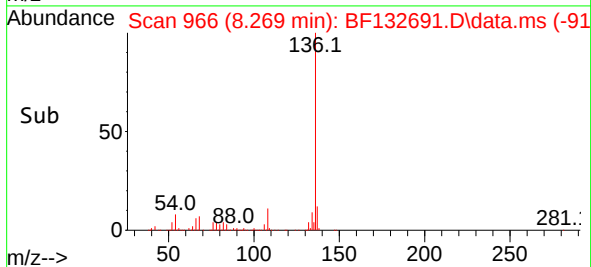
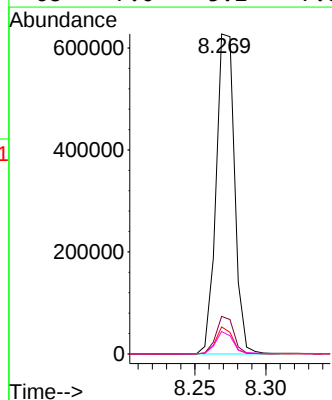
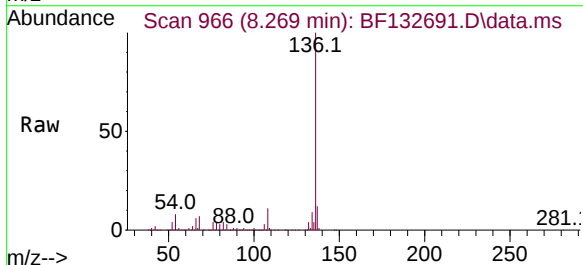
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.9	20.9
71	33.9	28.5	42.7

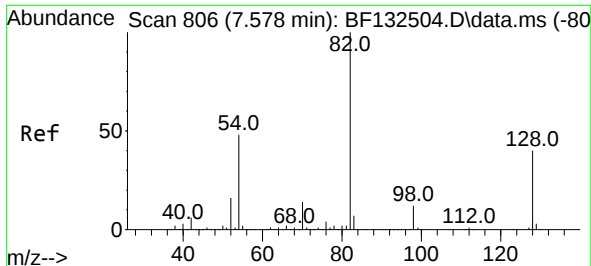


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

Tgt Ion: 136 Resp: 569881

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.4	6.2	9.4
68	7.0	5.2	7.8

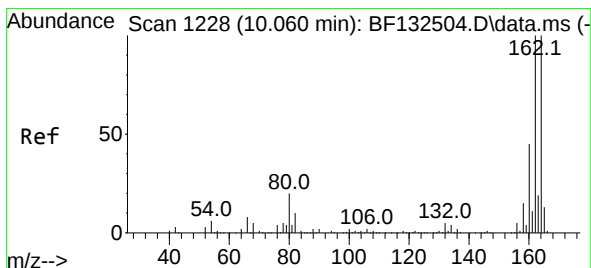
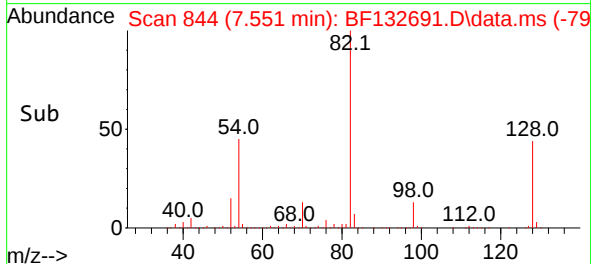
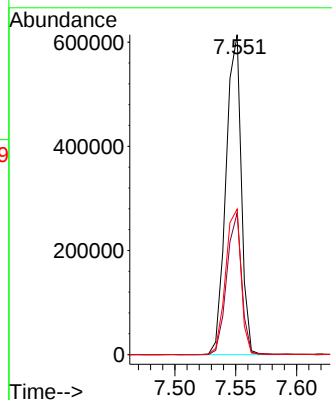
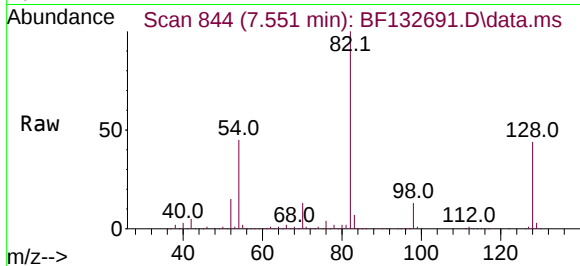




#23
Nitrobenzene-d5
Concen: 44.654 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

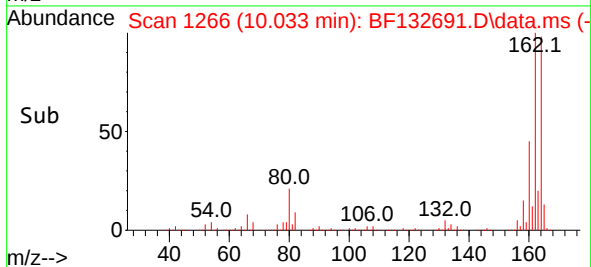
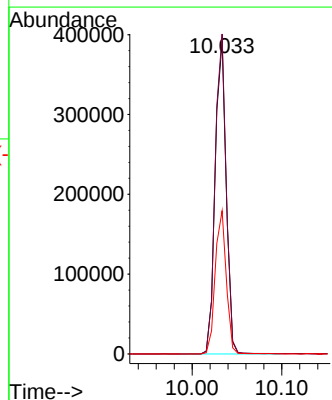
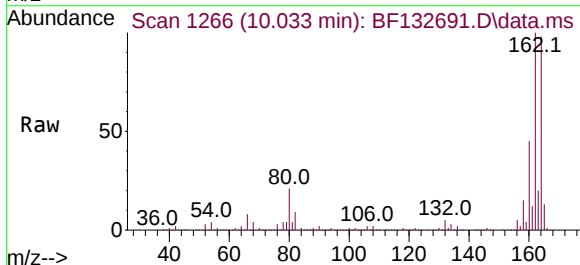
Instrument :
BNA_F
ClientSampleId :
SS-03-20230306

Tgt Ion: 82 Resp: 536367
Ion Ratio Lower Upper
82 100
128 44.3 32.2 48.2
54 45.5 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

Tgt Ion:164 Resp: 334583
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.8
160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 66.411 ng

RT: 10.827 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132691.D

Acq: 08 Mar 2023 15:38

Instrument :

BNA_F

ClientSampleId :

SS-03-20230306

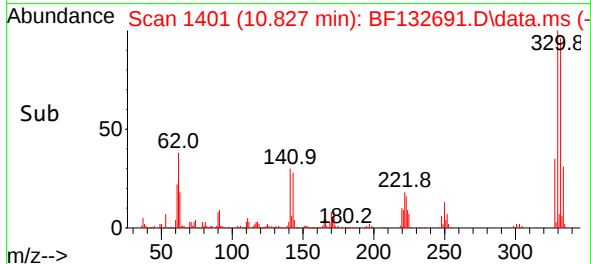
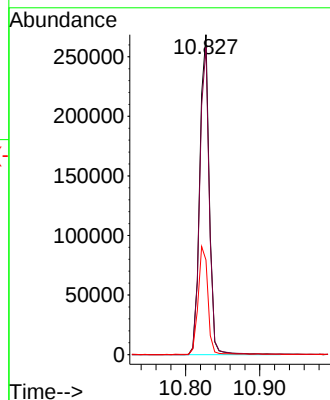
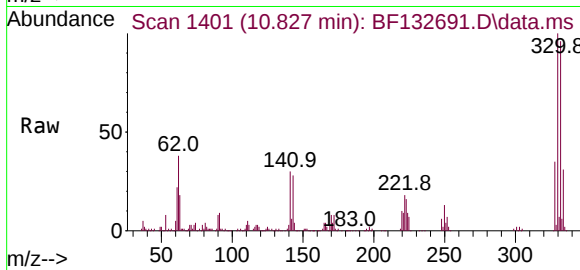
Tgt Ion:330 Resp: 239966

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 34.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 43.157 ng

RT: 9.345 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF132691.D

Acq: 08 Mar 2023 15:38

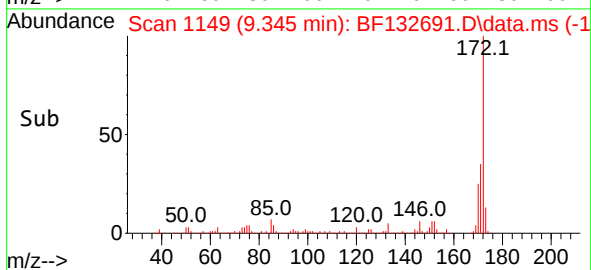
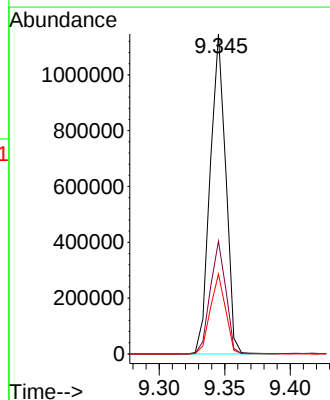
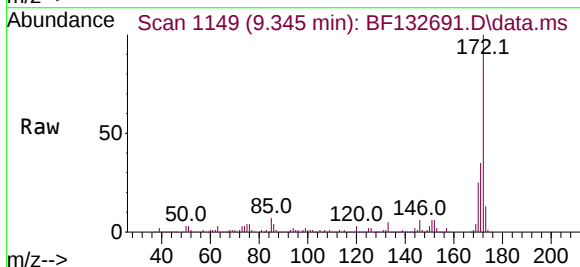
Tgt Ion:172 Resp: 948303

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 25.0 19.7 29.5

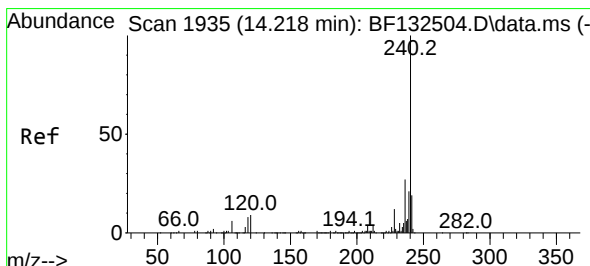
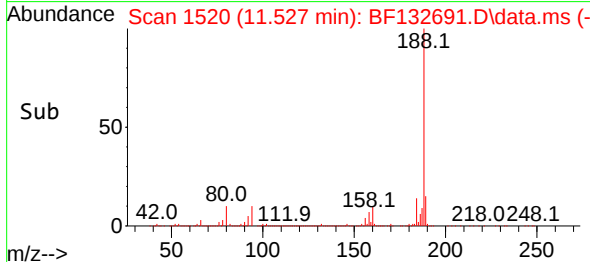
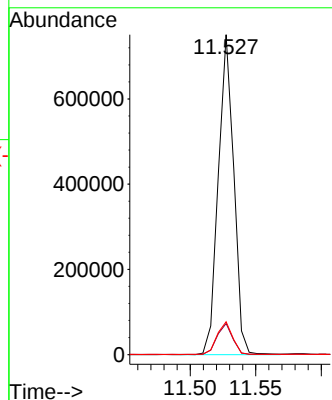
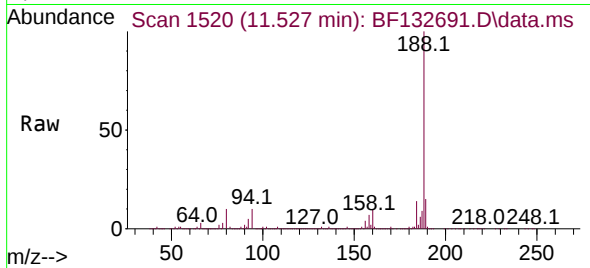




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

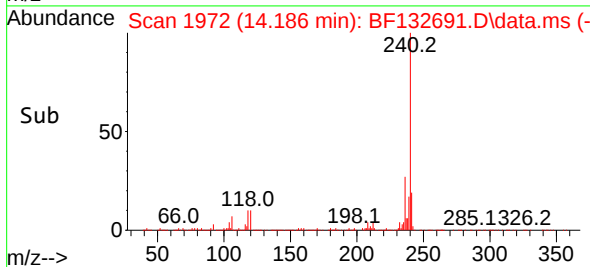
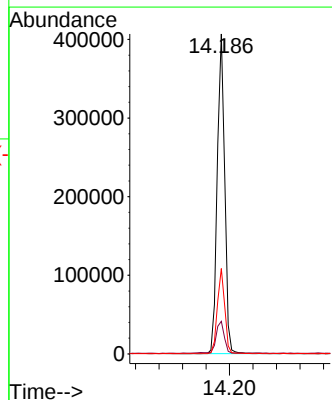
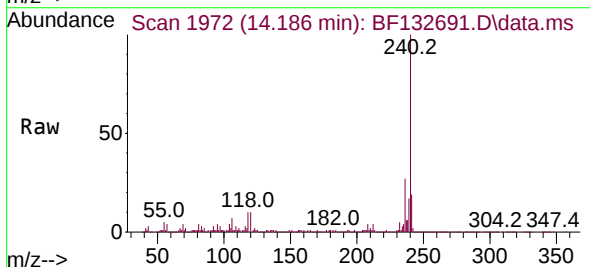
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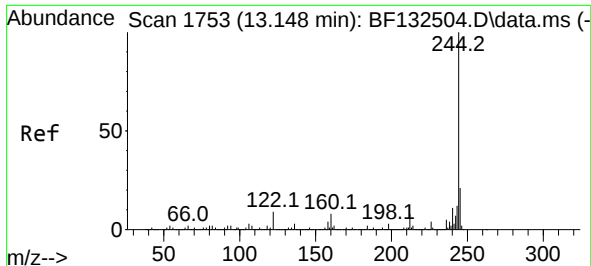
Tgt Ion:188 Resp: 618839
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132691.D
Acq: 08 Mar 2023 15:38

Tgt Ion:240 Resp: 358295
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.7 21.8 32.6

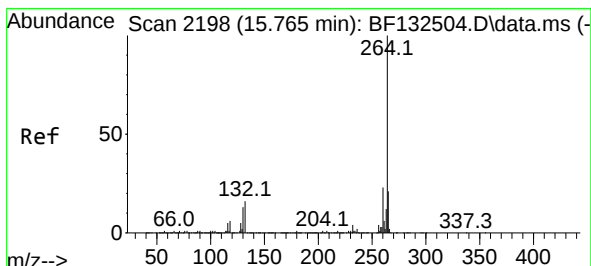
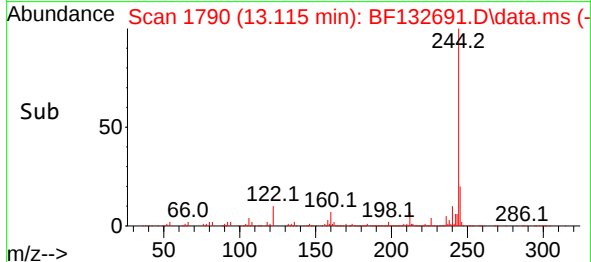
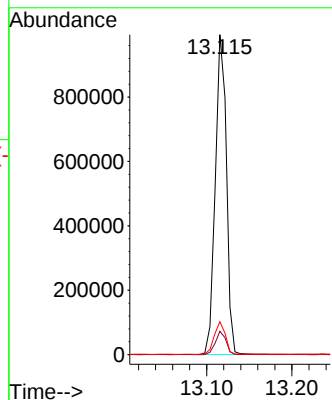
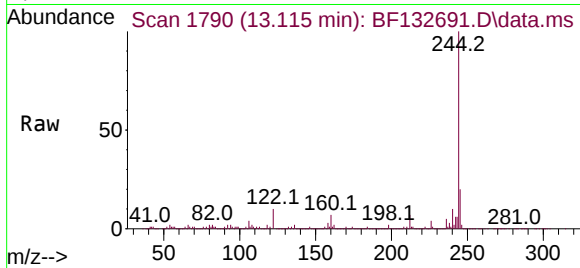




#79
 Terphenyl-d14
 Concen: 42.518 ng
 RT: 13.115 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132691.D
 Acq: 08 Mar 2023 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SS-03-20230306

Tgt Ion:244 Resp: 901017
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 10.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2235
 Delta R.T. -0.006 min
 Lab File: BF132691.D
 Acq: 08 Mar 2023 15:38

Tgt Ion:264 Resp: 397329
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.0 17.1 25.7

