

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133740.D
 Acq On : 13 Jun 2023 20:07
 Operator : CG\JU
 Sample : 03136-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELI-SUB-LD-CON

Quant Time: Jun 13 21:51:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	86360	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	246890	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	107818	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	234974	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	198208	20.000	ng	-0.01
86) Perylene-d12	15.468	264	136986	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	53416	10.768	ng	0.00
7) Phenol-d6	6.457	99	202745	31.399	ng	-0.01
23) Nitrobenzene-d5	7.392	82	237023	52.290	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	2842	2.082	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	374337	49.354	ng	-0.01
79) Terphenyl-d14	12.945	244	526425	41.096	ng	-0.01

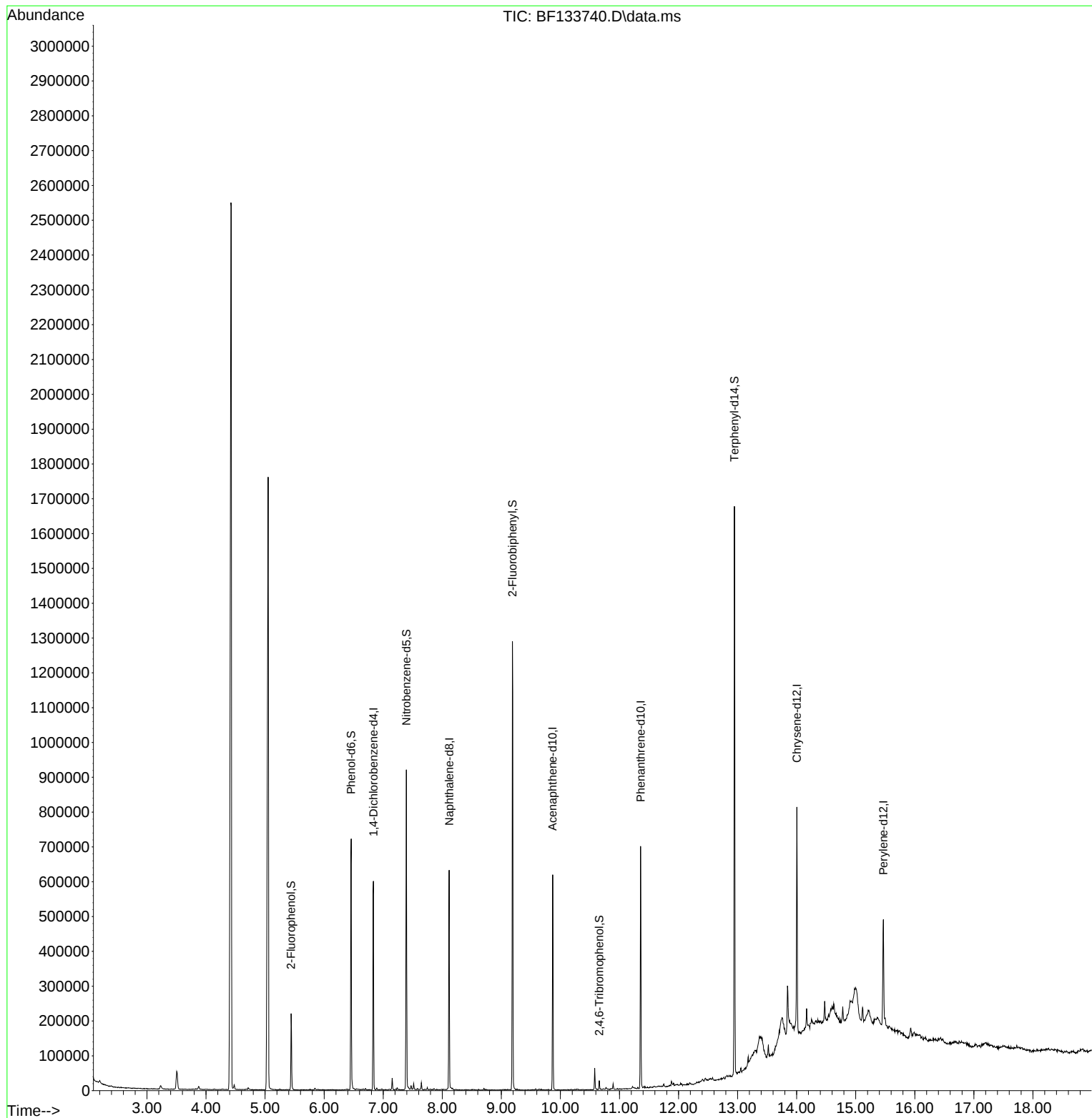
Target Compounds	Qvalue

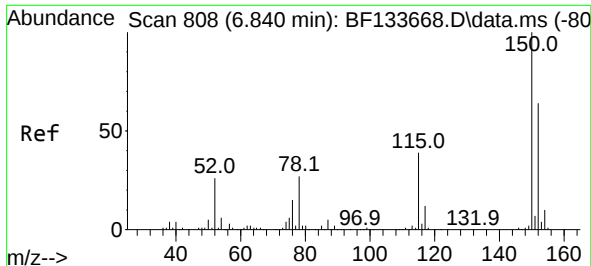
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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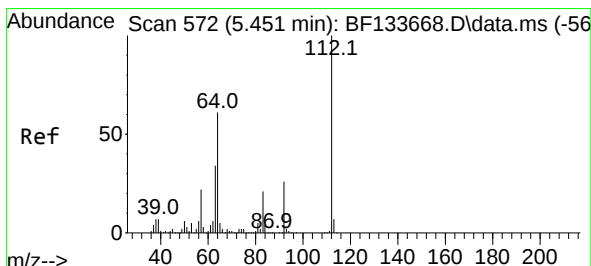
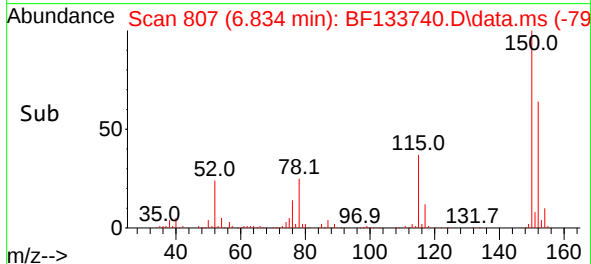
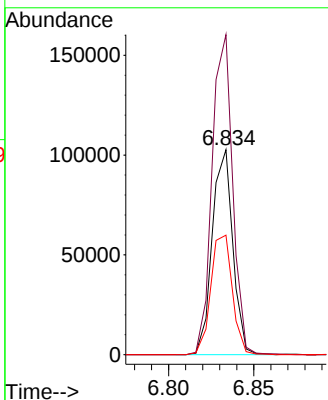
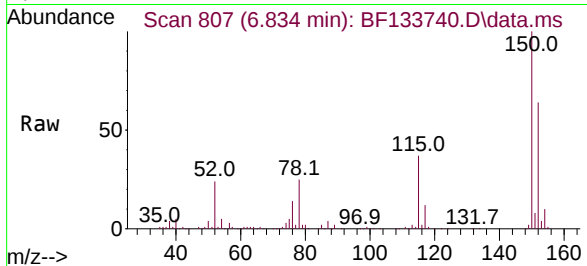




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

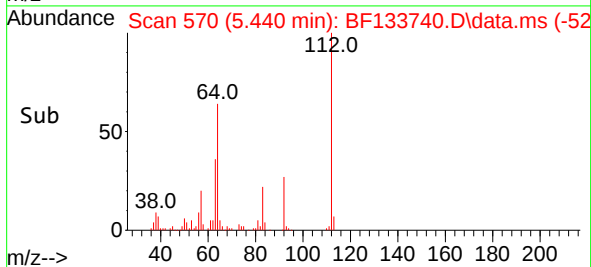
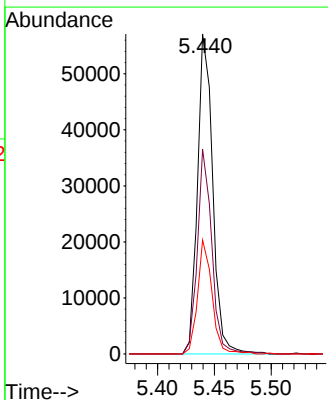
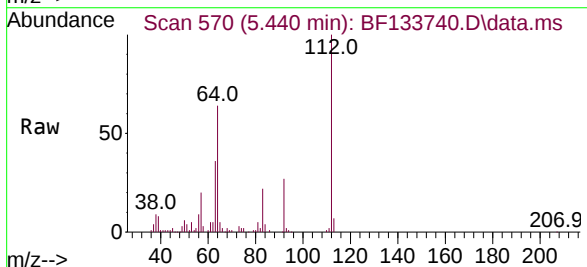
Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON

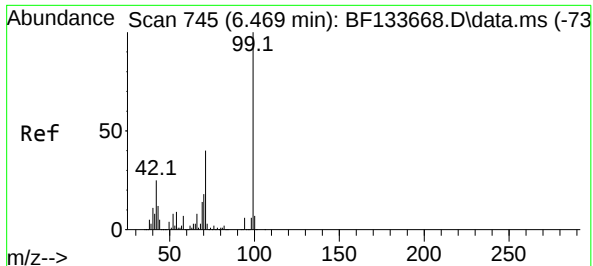
Tgt Ion:152 Resp: 86360
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 58.3 48.5 72.7



#5
2-Fluorophenol
Concen: 10.768 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

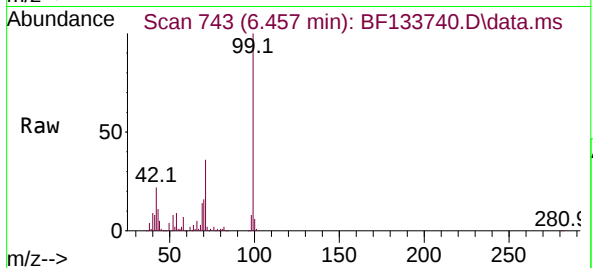
Tgt Ion:112 Resp: 53416
Ion Ratio Lower Upper
112 100
64 64.0 49.0 73.4
63 35.6 26.8 40.2





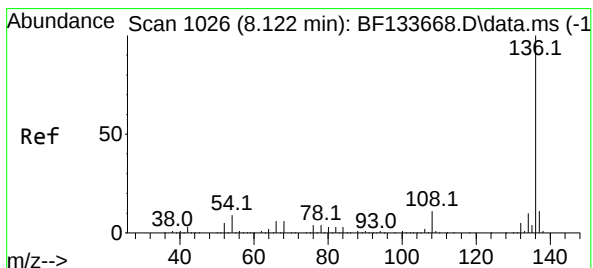
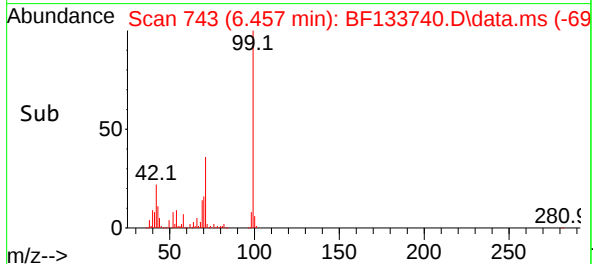
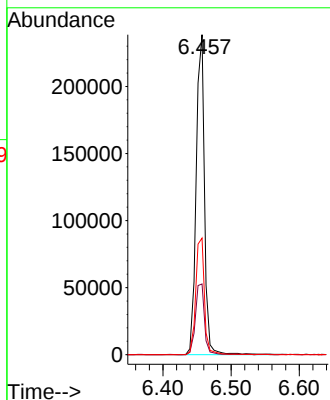
#7
Phenol-d6
Concen: 31.399 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

Instrument :
BNA_F
ClientSampleId :
ELI-SUB-LD-CON



Tgt Ion: 99 Resp: 202745

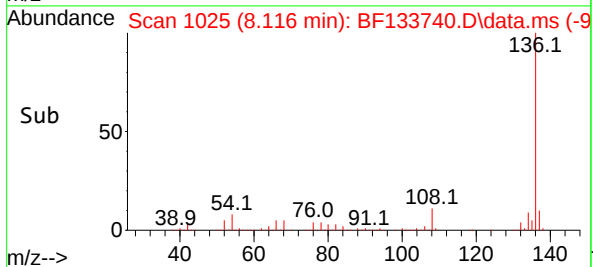
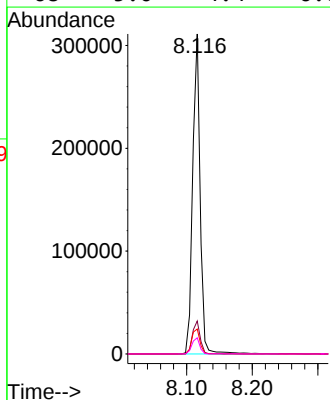
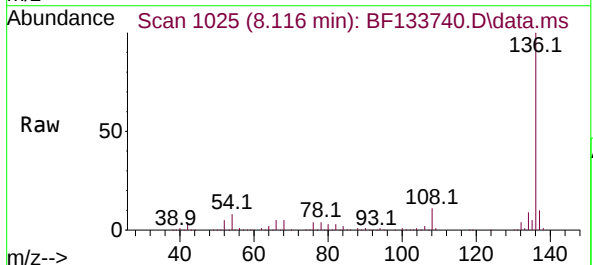
Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.9	29.9
71	36.4	32.2	48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

Tgt Ion: 136 Resp: 246890

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.8	7.4	11.0
68	5.0	4.4	6.6





#23

Nitrobenzene-d5

Concen: 52.290 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133740.D

Acq: 13 Jun 2023 20:07

Instrument :

BNA_F

ClientSampleId :

ELI-SUB-LD-CON

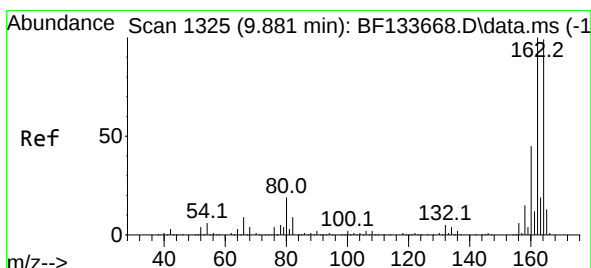
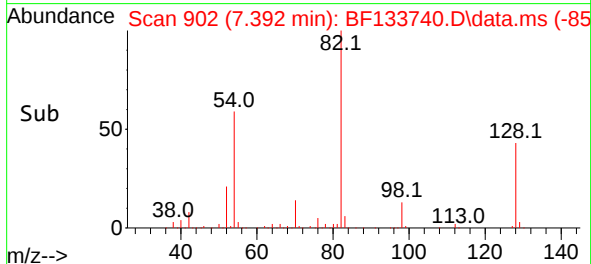
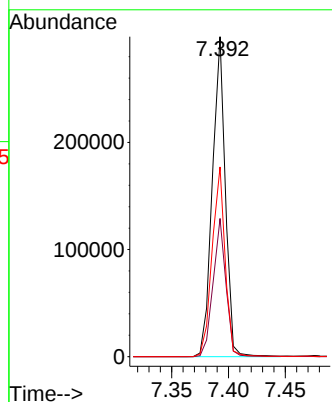
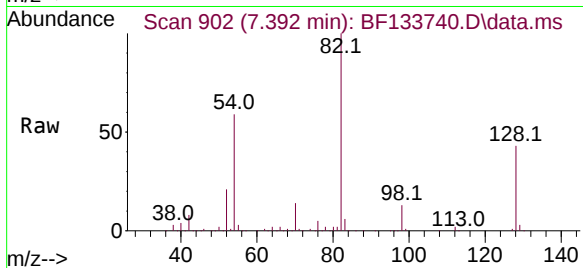
Tgt Ion: 82 Resp: 237023

Ion Ratio Lower Upper

82 100

128 43.2 34.2 51.2

54 59.3 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF133740.D

Acq: 13 Jun 2023 20:07

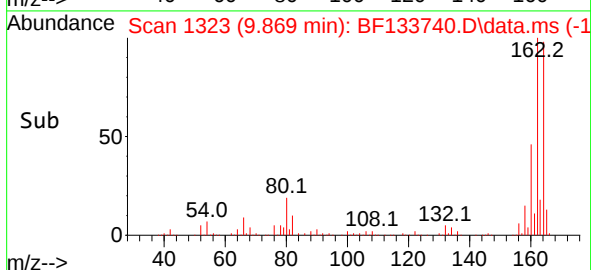
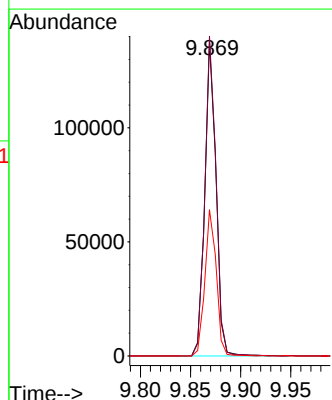
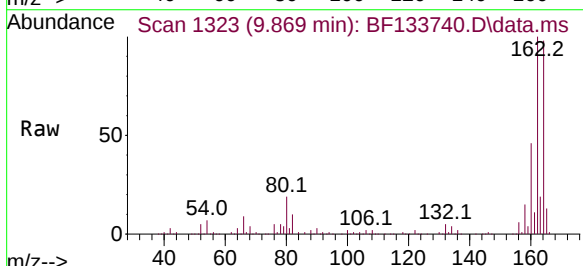
Tgt Ion:164 Resp: 107818

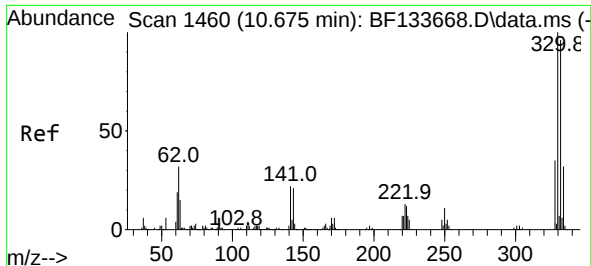
Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

160 46.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 2.082 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF133740.D

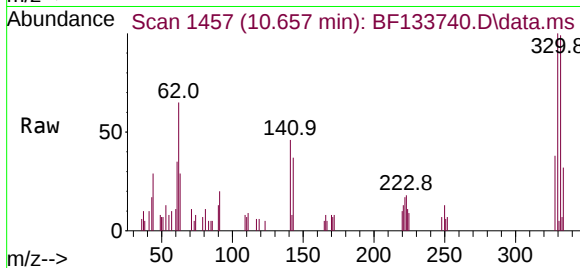
Acq: 13 Jun 2023 20:07

Instrument :

BNA_F

ClientSampleId :

ELI-SUB-LD-CON



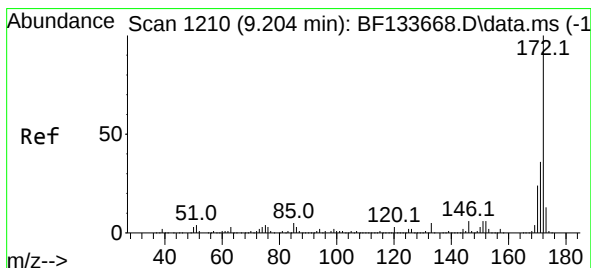
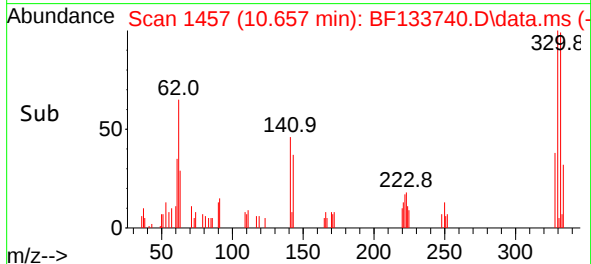
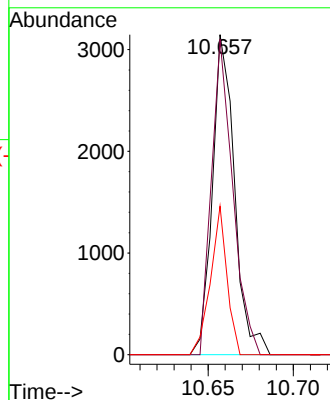
Tgt Ion:330 Resp: 2842

Ion Ratio Lower Upper

330 100

332 94.8 77.2 115.8

141 34.6 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 49.354 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF133740.D

Acq: 13 Jun 2023 20:07

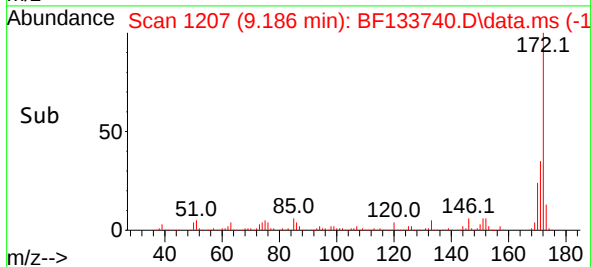
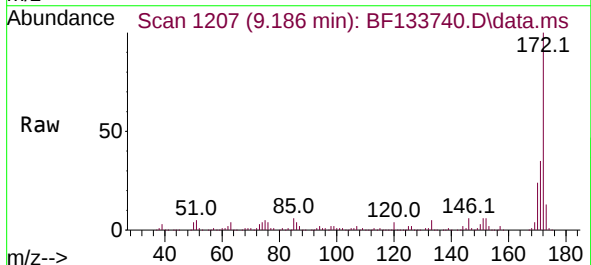
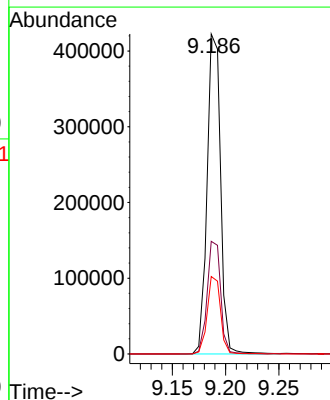
Tgt Ion:172 Resp: 374337

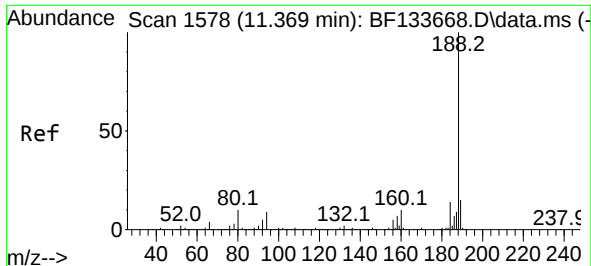
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.2 19.1 28.7

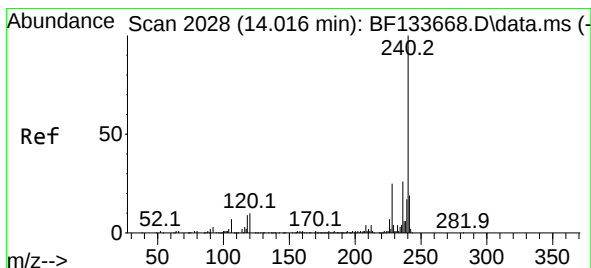
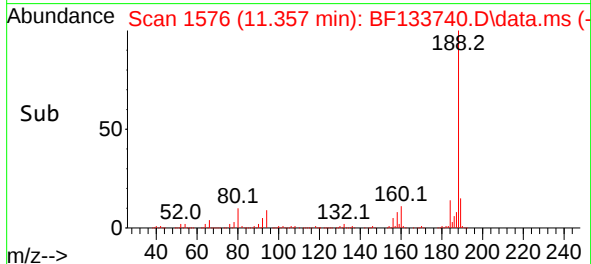
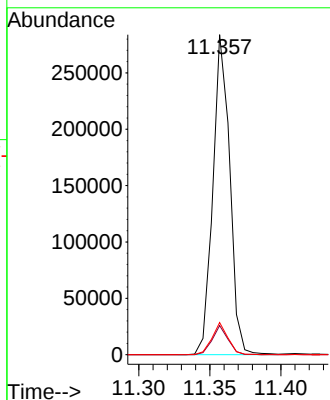
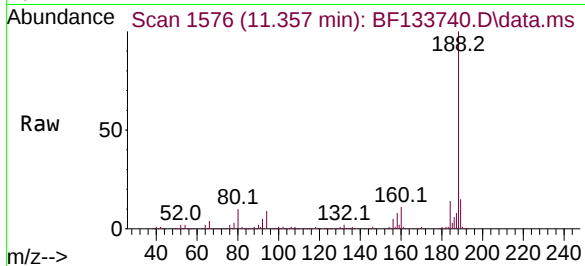




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

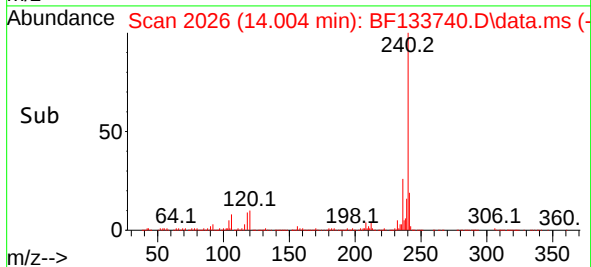
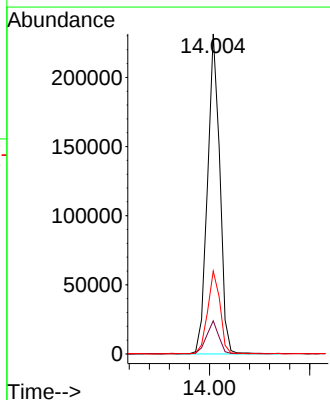
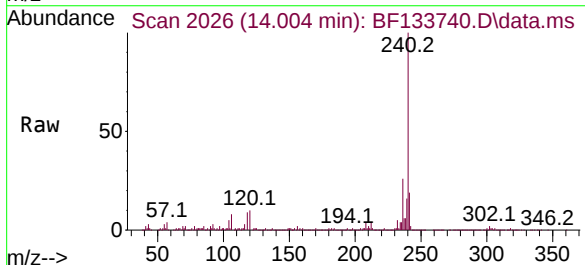
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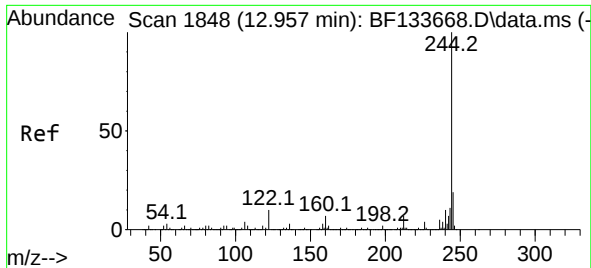
Tgt Ion:188 Resp: 234974
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 10.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133740.D
Acq: 13 Jun 2023 20:07

Tgt Ion:240 Resp: 198208
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 25.9 20.5 30.7

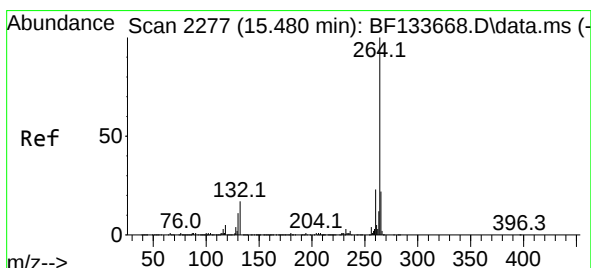
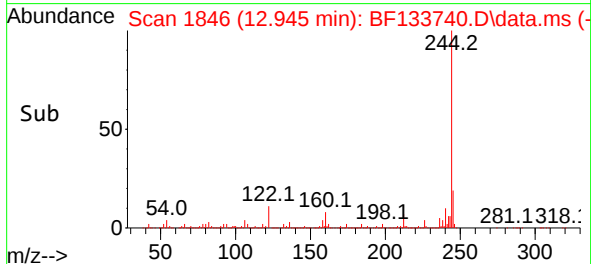
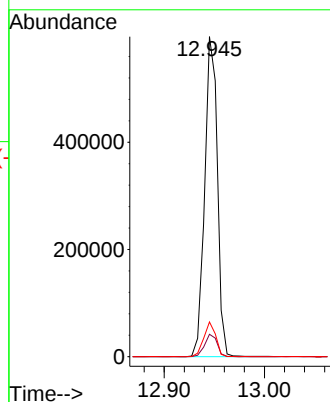
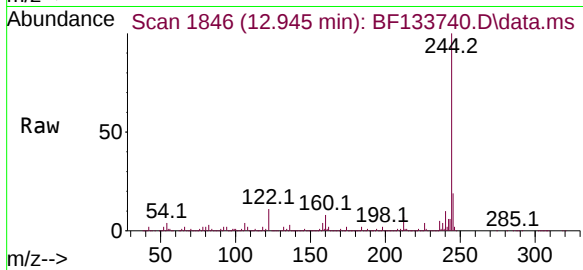




#79
 Terphenyl-d14
 Concen: 41.096 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF133740.D
 Acq: 13 Jun 2023 20:07

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 526425
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF133740.D
 Acq: 13 Jun 2023 20:07

Tgt Ion:264 Resp: 136986
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 20.9 17.8 26.6

