

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060223\
 Data File : BF133561.D
 Acq On : 02 Jun 2023 16:19
 Operator : CG\JU
 Sample : 03011-01DL 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-115968DL

Quant Time: Jun 02 17:01:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	210974	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	795423	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	380589	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	641783	20.000	ng	0.00
76) Chrysene-d12	13.998	240	416113	20.000	ng	0.00
86) Perylene-d12	15.457	264	499360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	5367	0.424	ng	-0.02
7) Phenol-d6	6.440	99	6693	0.430	ng	-0.02
23) Nitrobenzene-d5	7.387	82	3649	0.306	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	935	0.246	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	9610	0.390	ng	-0.01
79) Terphenyl-d14	12.945	244	8911	0.381	ng	0.00

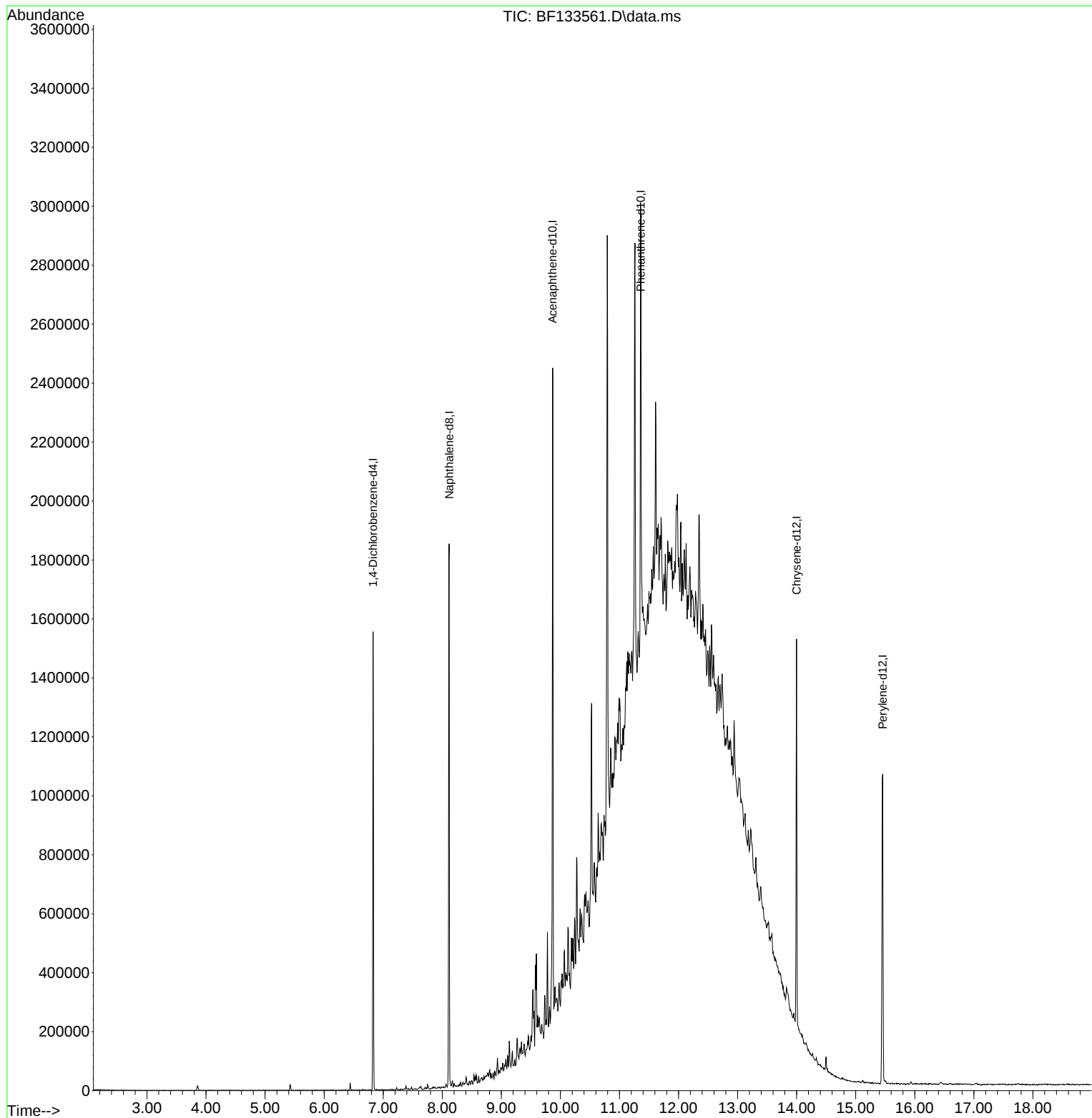
Target Compounds	Qvalue

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

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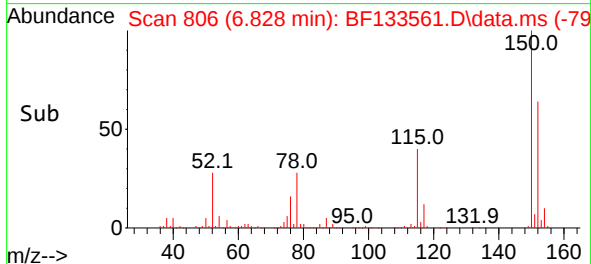
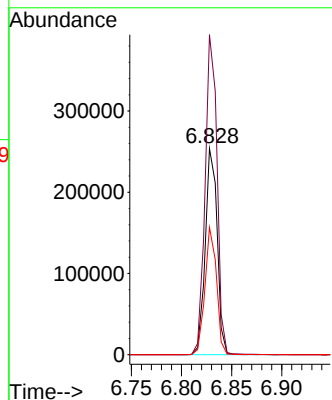
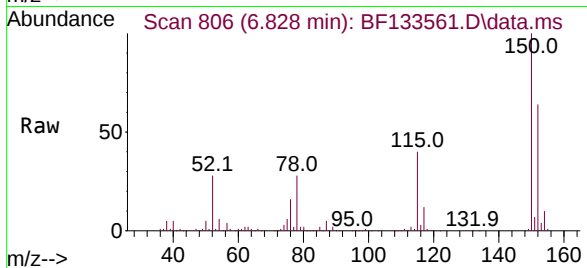




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

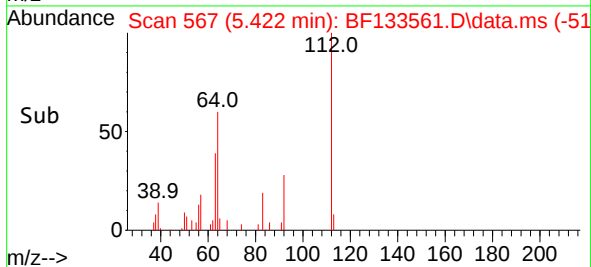
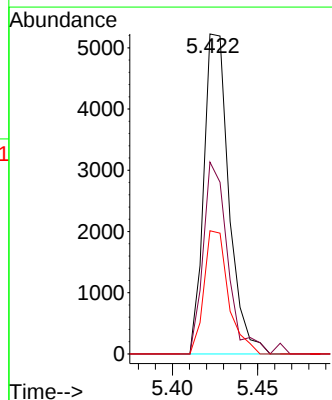
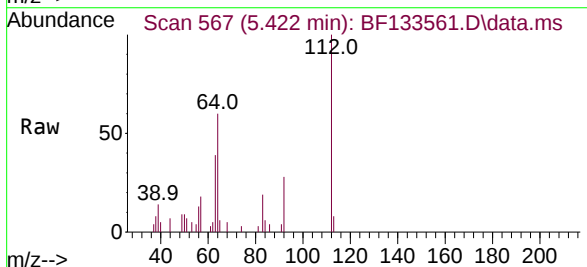
Instrument :
BNA_F
ClientSampleId :
CO-115968DL

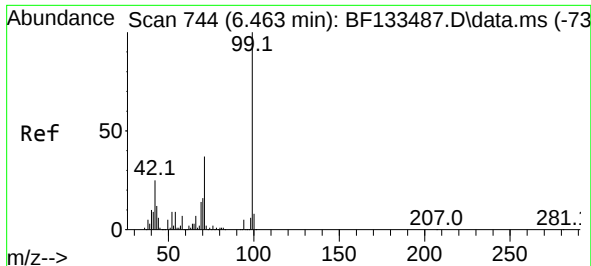
Tgt Ion:152 Resp: 210974
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 61.8 48.1 72.1



#5
2-Fluorophenol
Concen: 0.424 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.018 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

Tgt Ion:112 Resp: 5367
Ion Ratio Lower Upper
112 100
64 60.0 50.1 75.1
63 38.5 27.5 41.3

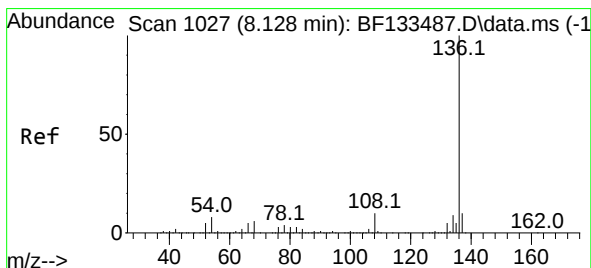
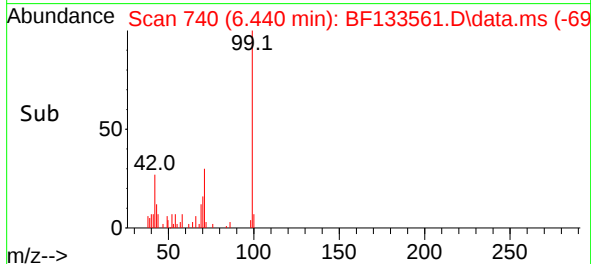
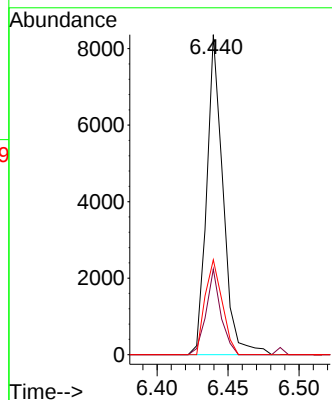
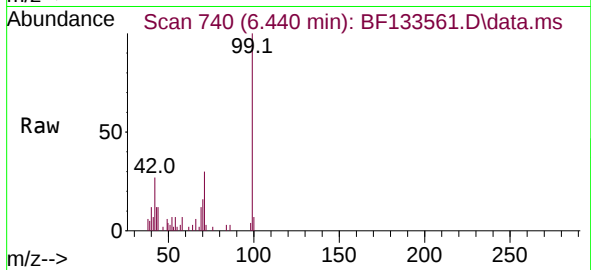




#7
Phenol-d6
Concen: 0.430 ng
RT: 6.440 min Scan# 744
Delta R.T. -0.024 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

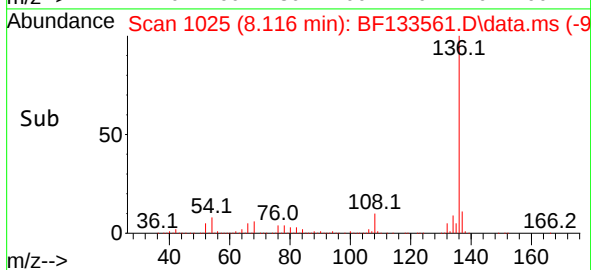
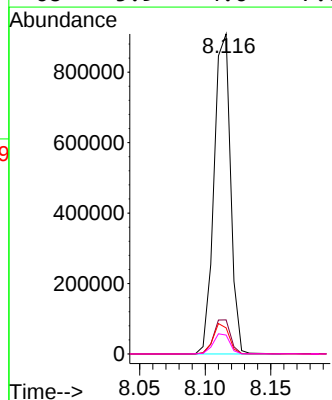
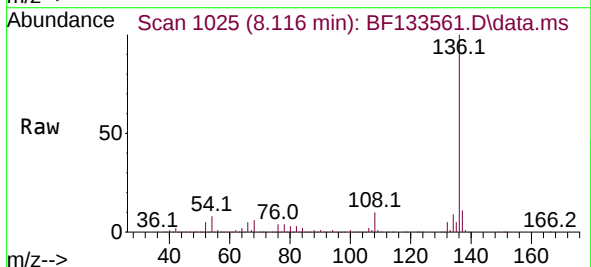
Instrument :
BNA_F
ClientSampleId :
CO-115968DL

Tgt Ion: 99 Resp: 6693
Ion Ratio Lower Upper
99 100
42 26.7 19.7 29.5
71 29.6 29.8 44.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

Tgt Ion: 136 Resp: 795423
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.1 6.6 10.0
68 5.9 4.6 7.0

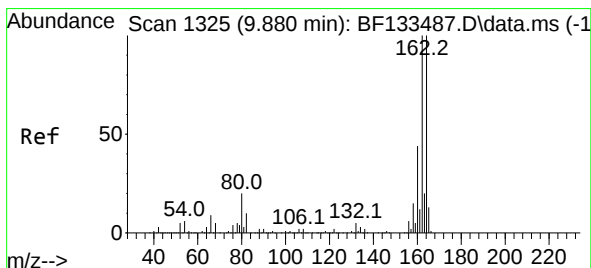
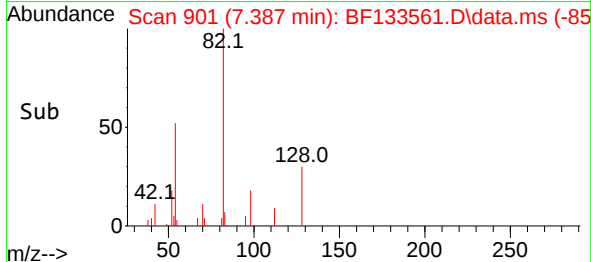
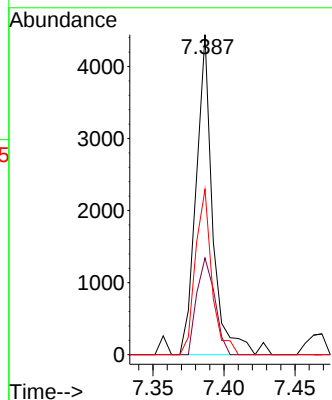
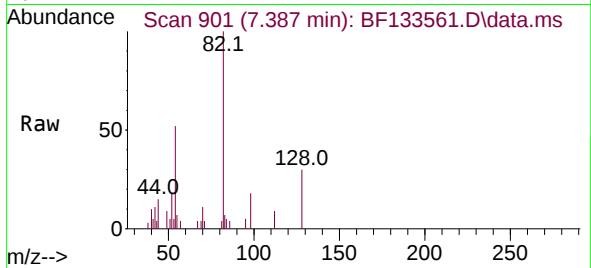




#23
Nitrobenzene-d5
Concen: 0.306 ng
RT: 7.387 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

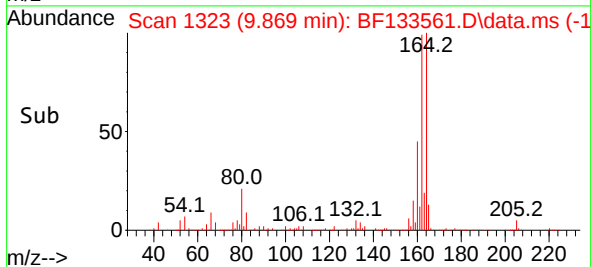
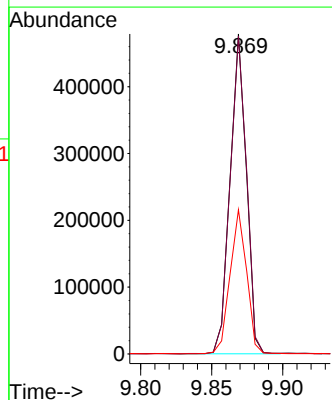
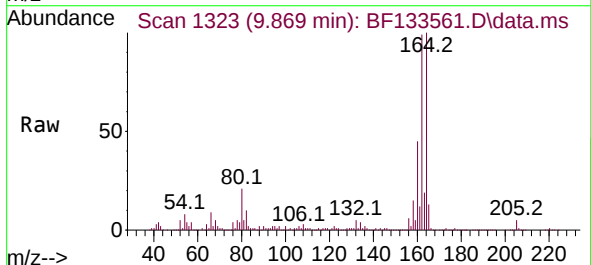
Instrument :
BNA_F
ClientSampleId :
CO-115968DL

Tgt Ion: 82 Resp: 3649
Ion Ratio Lower Upper
82 100
128 30.2 34.2 51.4#
54 51.7 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

Tgt Ion: 164 Resp: 380589
Ion Ratio Lower Upper
164 100
162 99.3 79.7 119.5
160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 10.651 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF133561.D

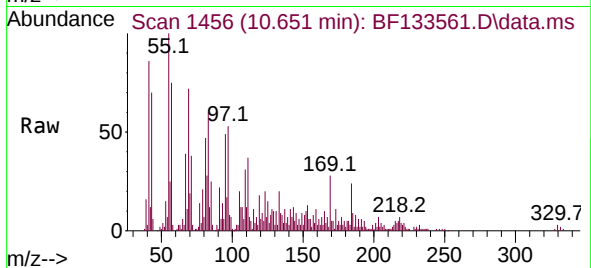
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Instrument :

BNA_F

ClientSampleId :

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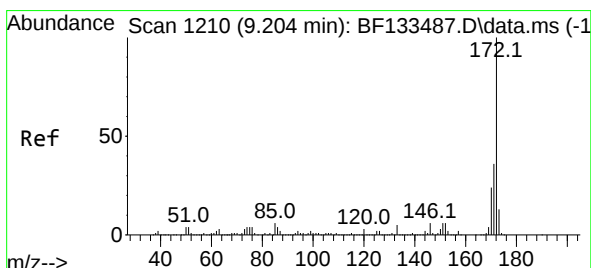
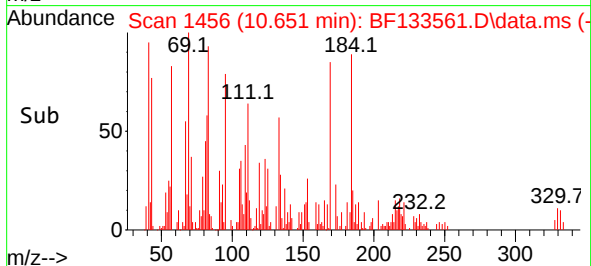
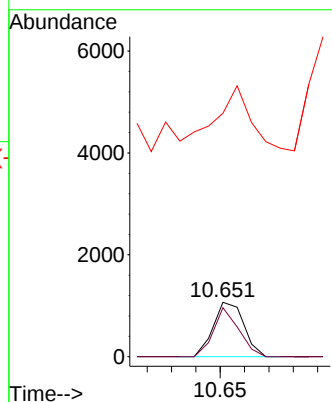
Tgt Ion: 330 Resp: 935

Ion Ratio Lower Upper

330 100

332 74.5 77.8 116.6#

141 124.2 26.6 40.0#



#45

2-Fluorobiphenyl

Concen: 0.390 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF133561.D

Acq: 02 Jun 2023 16:19

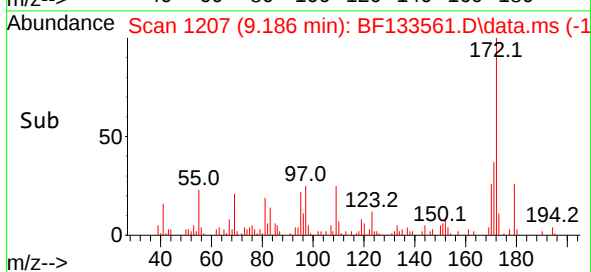
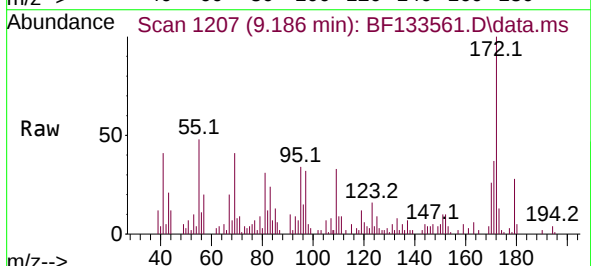
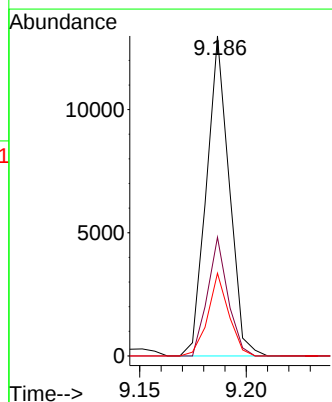
Tgt Ion: 172 Resp: 9610

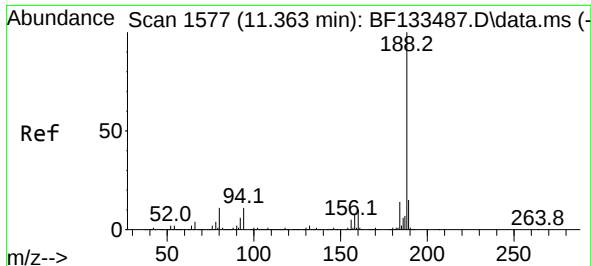
Ion Ratio Lower Upper

172 100

171 37.1 28.4 42.6

170 25.8 19.3 28.9

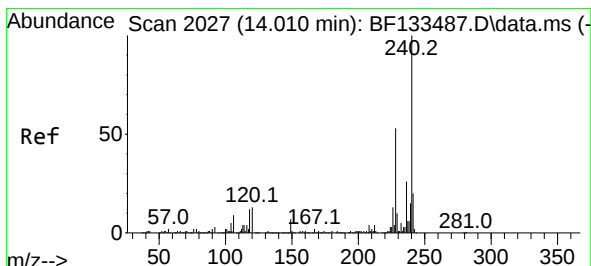
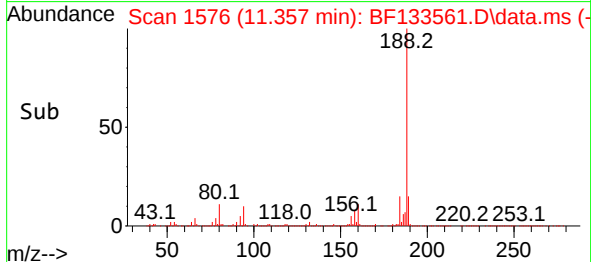
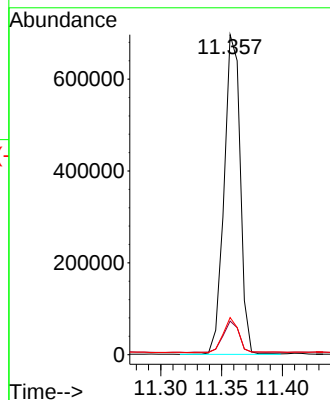
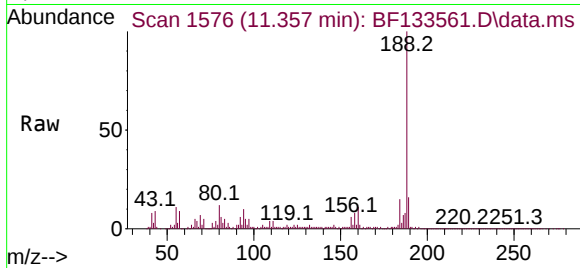




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

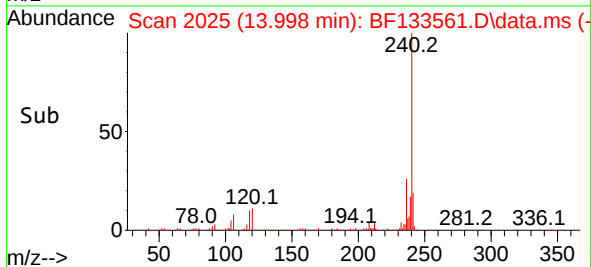
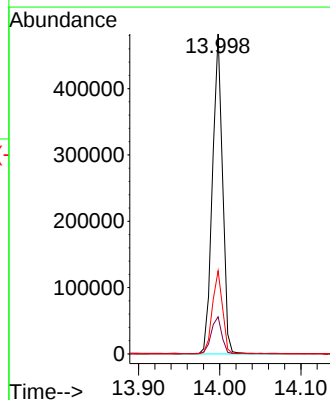
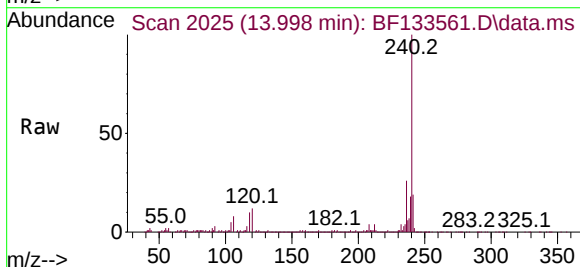
Instrument :
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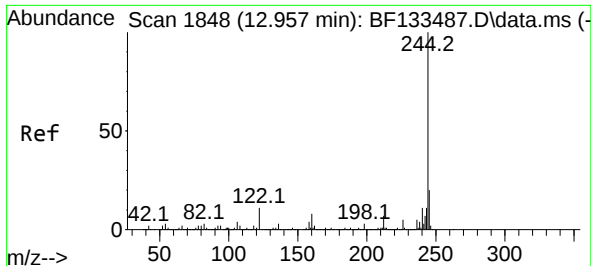
Tgt Ion:188 Resp: 641783
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133561.D
Acq: 02 Jun 2023 16:19

Tgt Ion:240 Resp: 416113
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 26.0 20.5 30.7

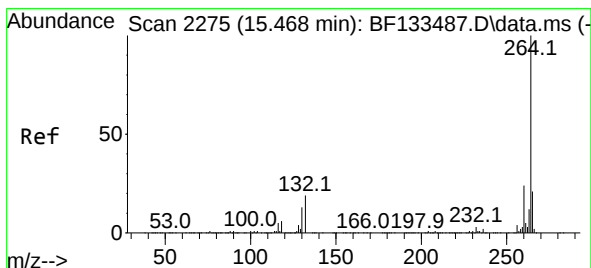
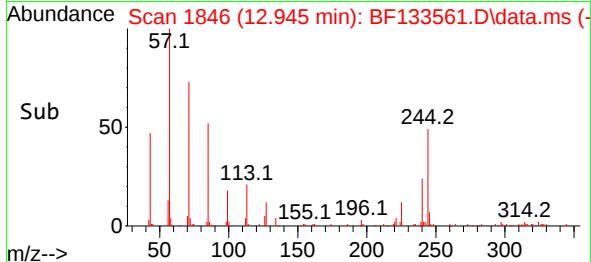
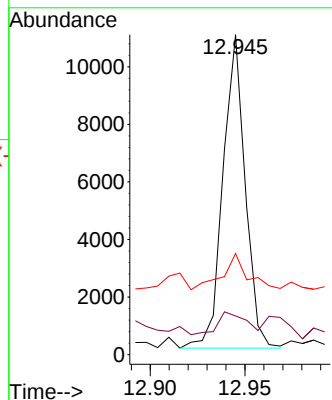
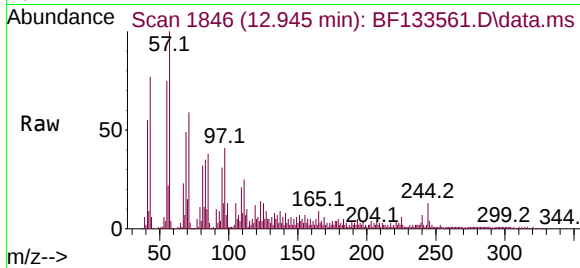




#79
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133561.D
 Acq: 02 Jun 2023 16:19

Instrument :
 BNA_F
 ClientSampleId :
 CO-115968DL

Tgt Ion:244 Resp: 8911
 Ion Ratio Lower Upper
 244 100
 212 12.1 5.8 8.6#
 122 31.6 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133561.D
 Acq: 02 Jun 2023 16:19

Tgt Ion:264 Resp: 499360
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.6 16.8 25.2

