

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133497.D
 Acq On : 25 May 2023 20:05
 Operator : CG\JU
 Sample : 02888-01DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-H4(BHF)DL

Quant Time: May 26 02:08:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

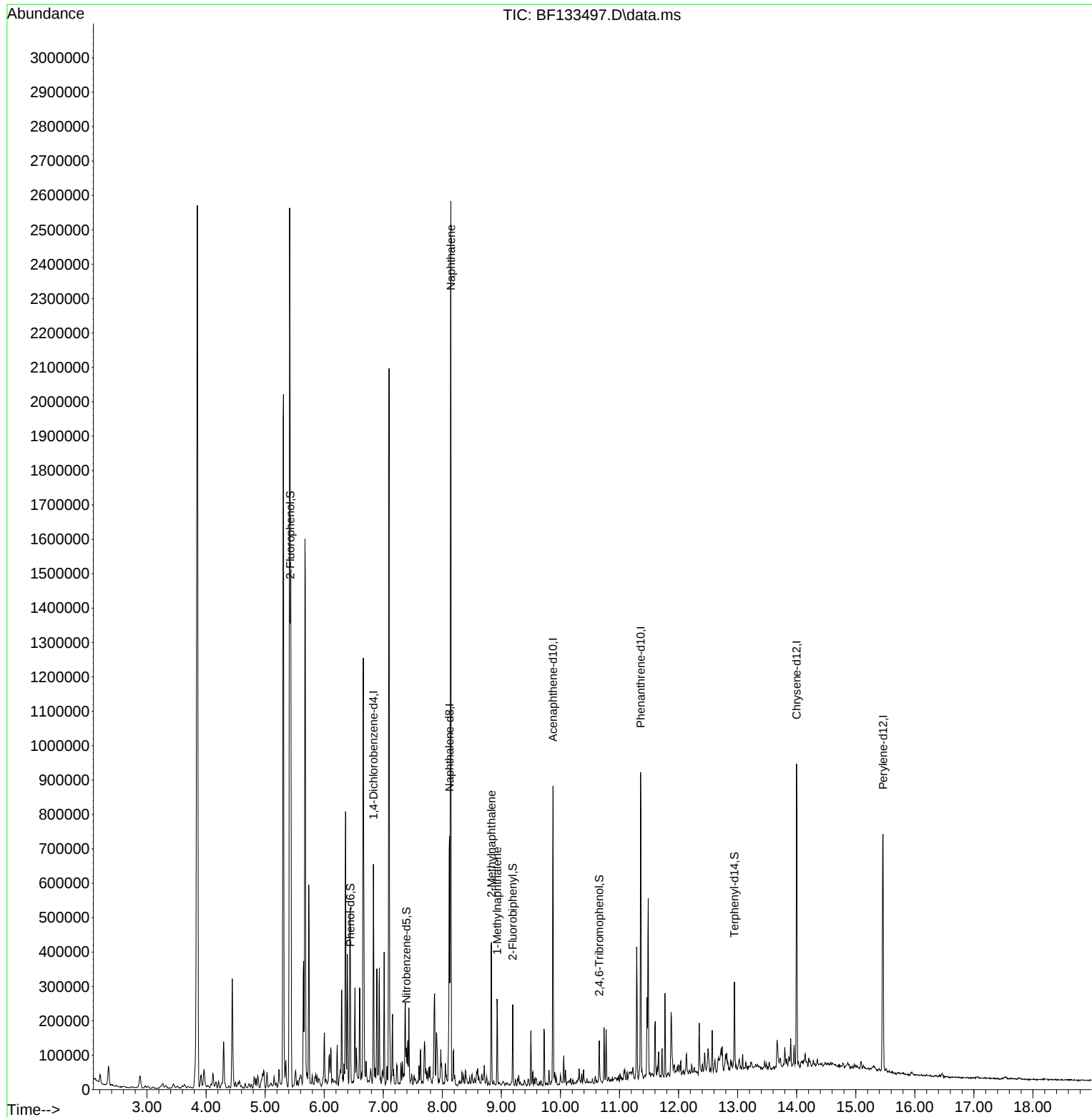
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81237	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310765	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	152636	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	314700	20.000	ng	0.00
76) Chrysene-d12	13.998	240	278095	20.000	ng	-0.01
86) Perylene-d12	15.462	264	309713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	36337	7.463	ng	-0.02
7) Phenol-d6	6.445	99	45531	7.596	ng	-0.02
23) Nitrobenzene-d5	7.392	82	24778	5.324	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	10898	7.163	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	54980	5.560	ng	-0.01
79) Terphenyl-d14	12.945	244	73791	4.718	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.145	128	1039038	68.964	ng	99
37) 2-Methylnaphthalene	8.833	142	103274	10.040	ng	99
38) 1-Methylnaphthalene	8.928	142	57079	5.953	ng	99

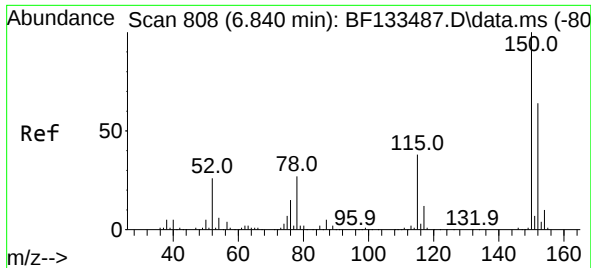
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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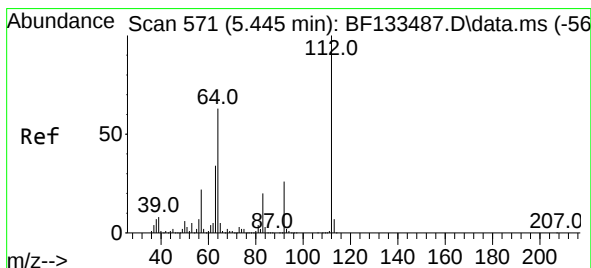
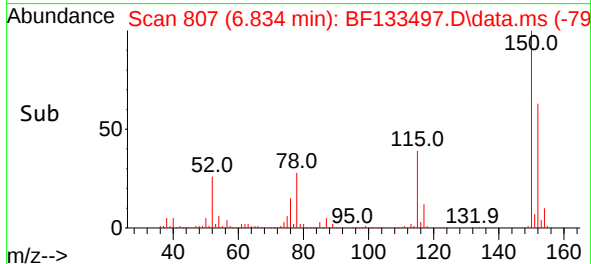
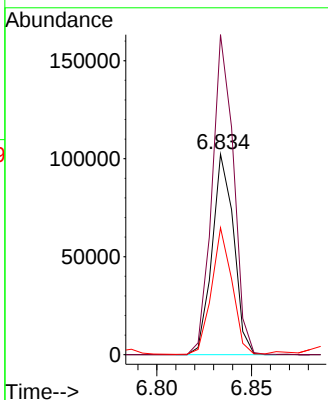
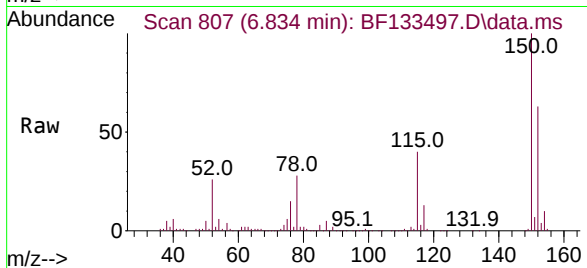




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

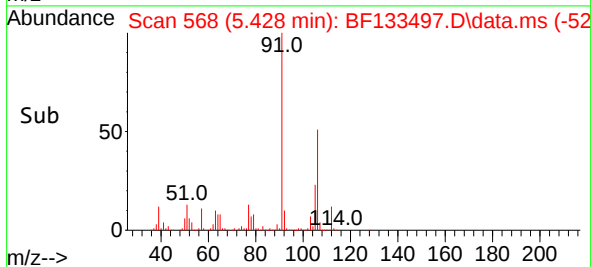
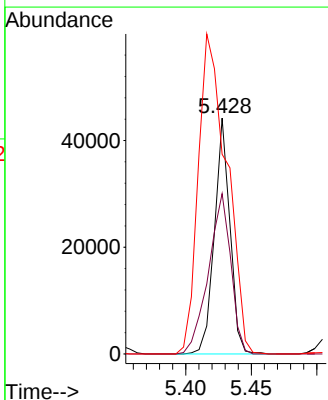
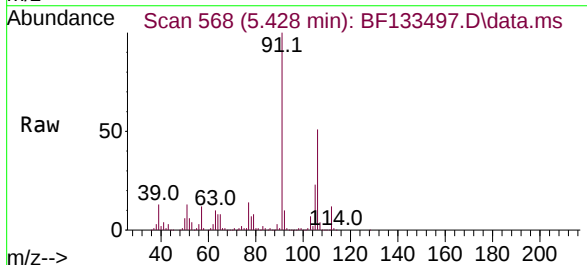
Instrument :
BNA_F
ClientSampleId :
S-H4(BHF)DL

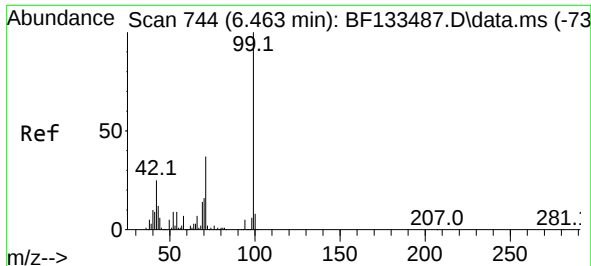
Tgt Ion:152 Resp: 81237
Ion Ratio Lower Upper
152 100
150 159.6 124.9 187.3
115 63.3 48.1 72.1



#5
2-Fluorophenol
Concen: 7.463 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.018 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

Tgt Ion:112 Resp: 36337
Ion Ratio Lower Upper
112 100
64 68.0 50.1 75.1
63 84.7 27.5 41.3#

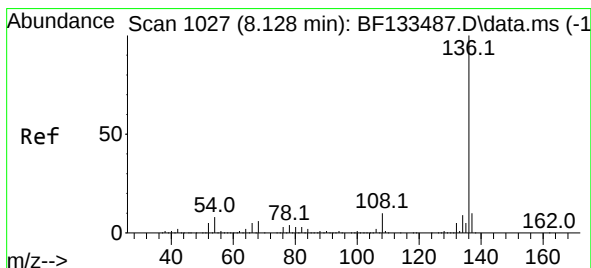
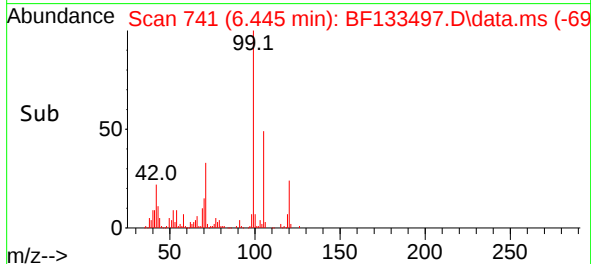
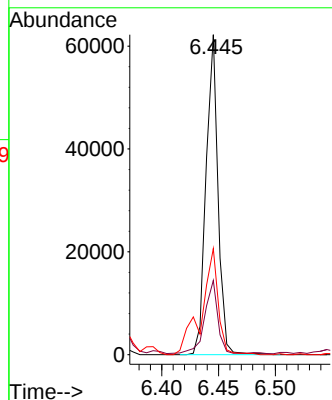
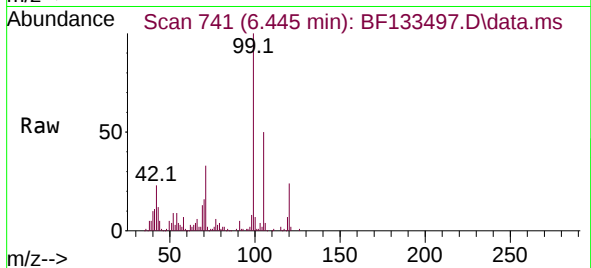




#7
Phenol-d6
Concen: 7.596 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

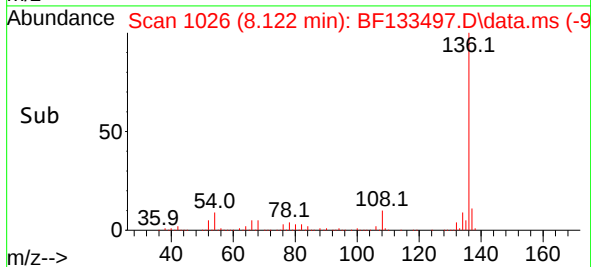
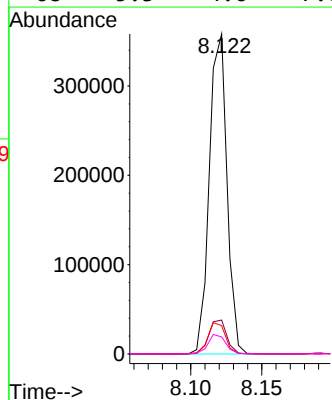
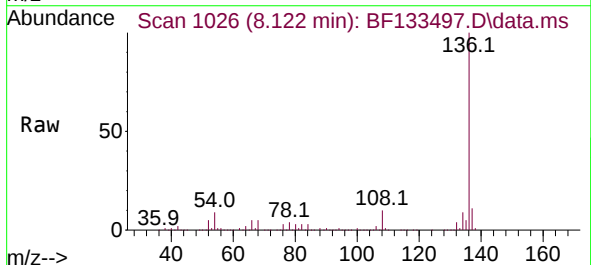
Instrument :
BNA_F
ClientSampleId :
S-H4(BHF)DL

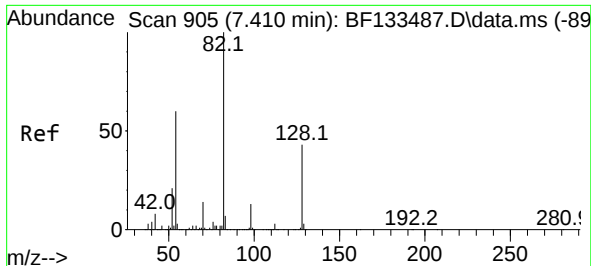
Tgt Ion: 99 Resp: 45531
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 33.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

Tgt Ion: 136 Resp: 310765
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.8 6.6 10.0
68 5.3 4.6 7.0

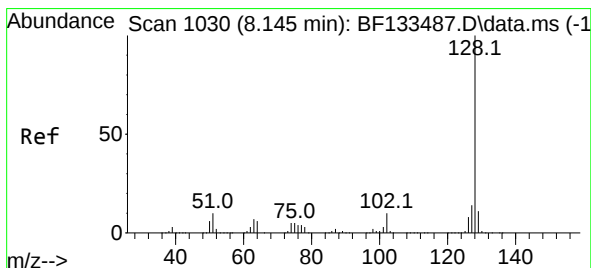
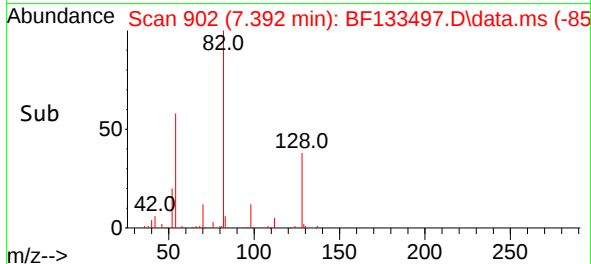
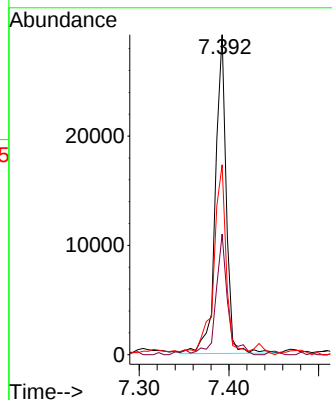
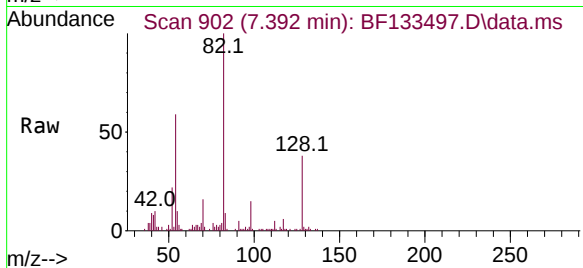




#23
Nitrobenzene-d5
Concen: 5.324 ng
RT: 7.392 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

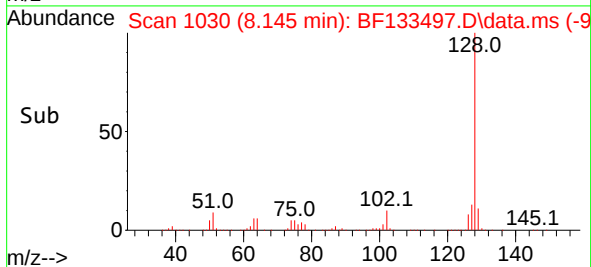
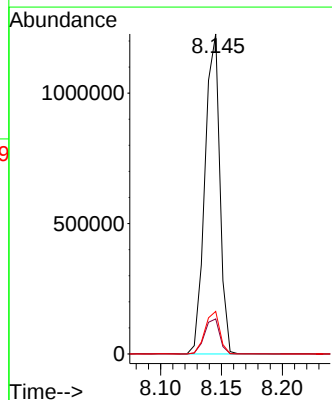
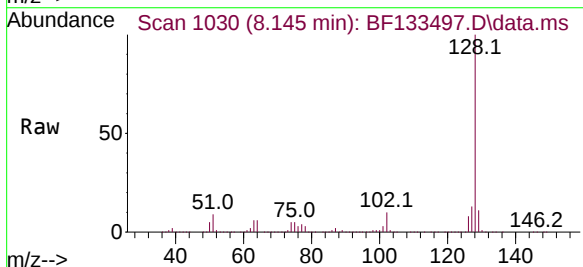
Instrument :
BNA_F
ClientSampleId :
S-H4(BHF)DL

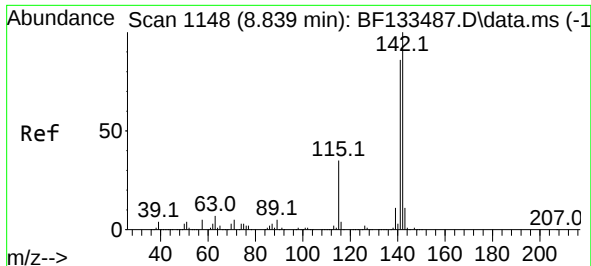
Tgt Ion: 82 Resp: 24778
Ion Ratio Lower Upper
82 100
128 37.7 34.2 51.4
54 59.3 48.2 72.4



#31
Naphthalene
Concen: 68.964 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

Tgt Ion: 128 Resp: 1039038
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.3 10.9 16.3

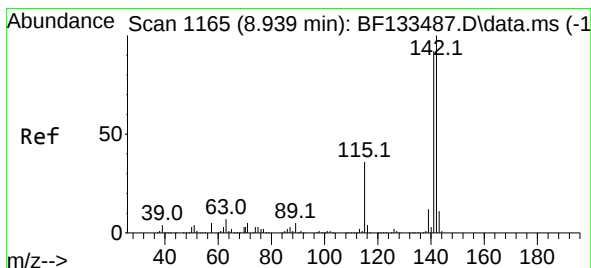
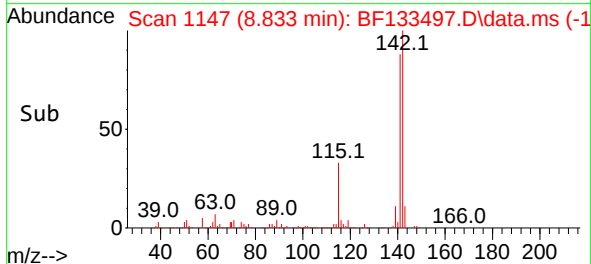
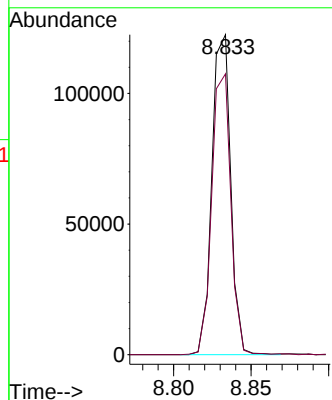
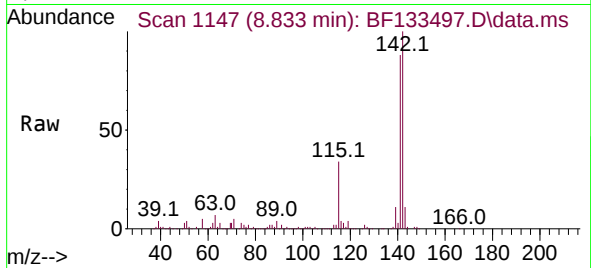




#37
2-Methylnaphthalene
Concen: 10.040 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

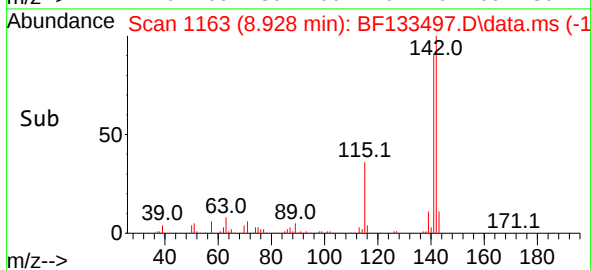
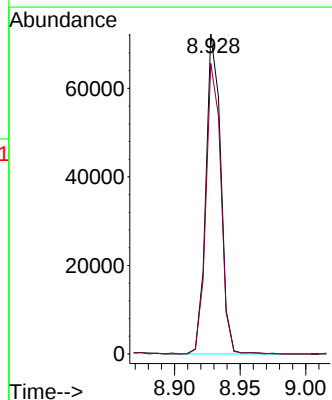
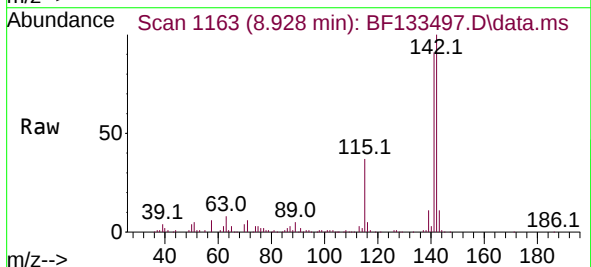
Instrument :
BNA_F
ClientSampleId :
S-H4(BHF)DL

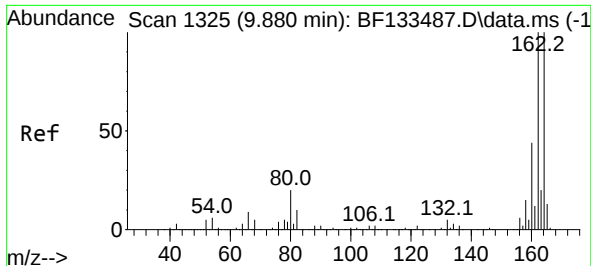
Tgt Ion:142 Resp: 103274
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8



#38
1-Methylnaphthalene
Concen: 5.953 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.011 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

Tgt Ion:142 Resp: 57079
Ion Ratio Lower Upper
142 100
141 90.8 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133497.D

Acq: 25 May 2023 20:05

Instrument :

BNA_F

ClientSampleId :

S-H4(BHF)DL

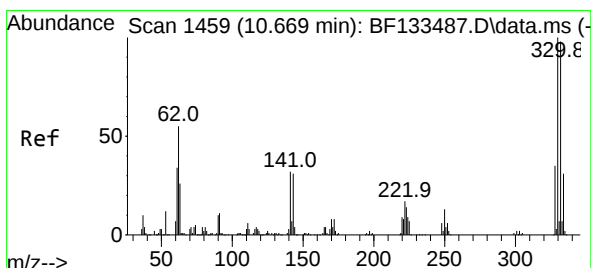
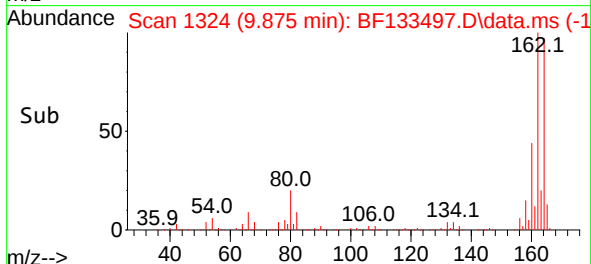
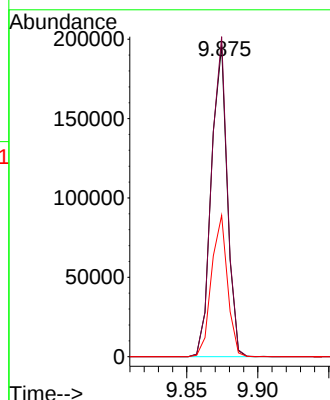
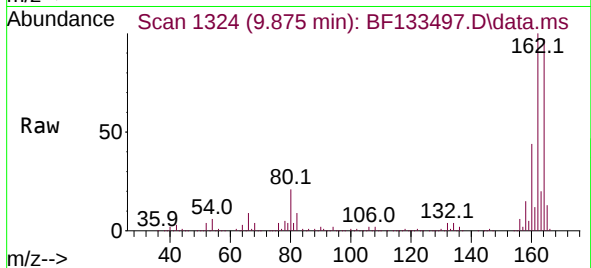
Tgt Ion:164 Resp: 152636

Ion Ratio Lower Upper

164 100

162 102.8 79.7 119.5

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 7.163 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF133497.D

Acq: 25 May 2023 20:05

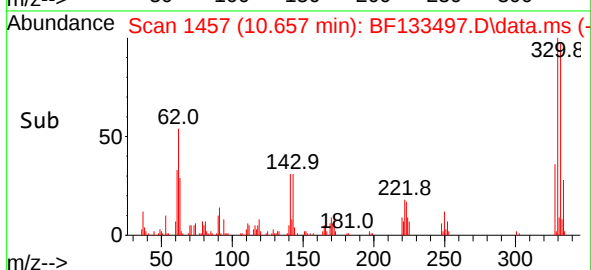
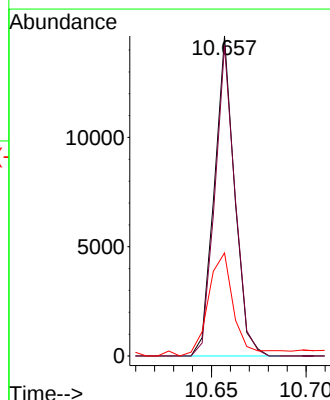
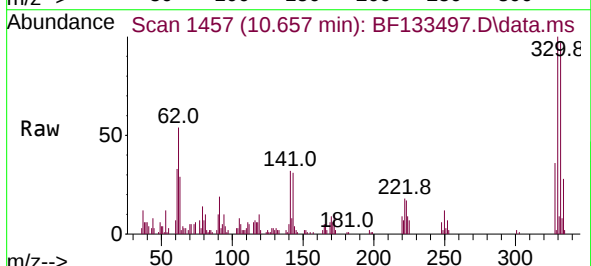
Tgt Ion:330 Resp: 10898

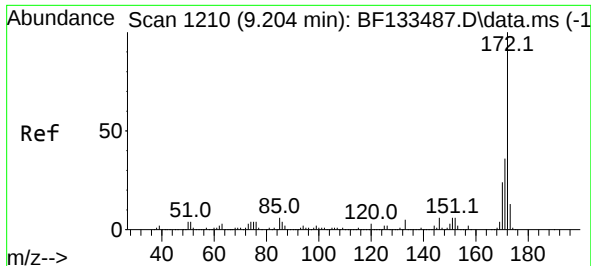
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 42.5 26.6 40.0#

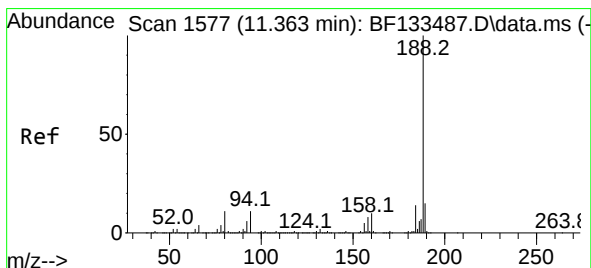
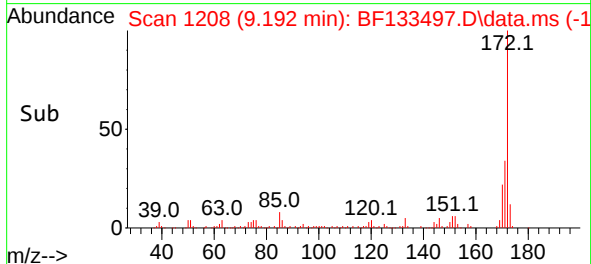
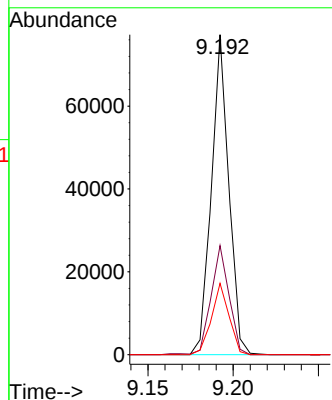
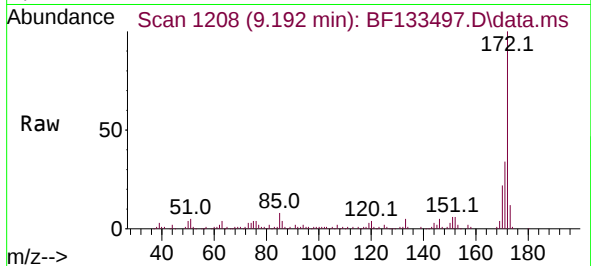




#45
2-Fluorobiphenyl
Concen: 5.560 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

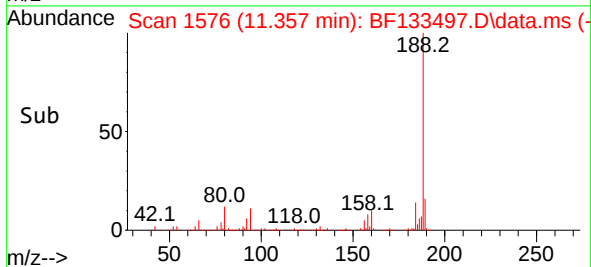
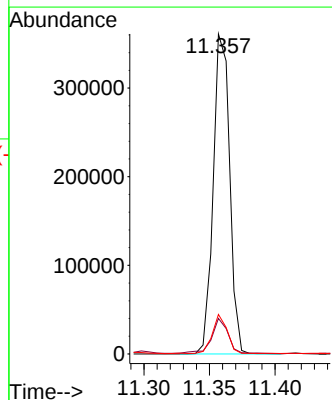
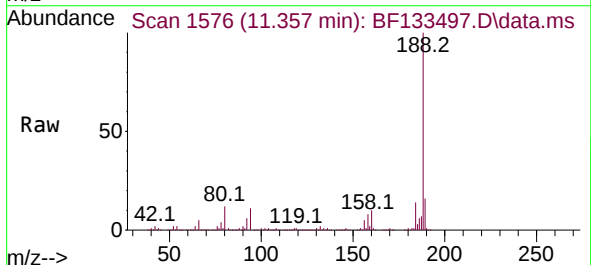
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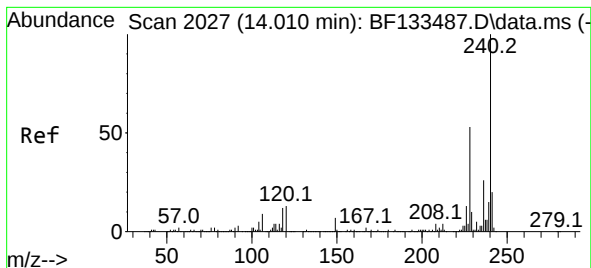
Tgt Ion:172 Resp: 54980
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 22.3 19.3 28.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133497.D
Acq: 25 May 2023 20:05

Tgt Ion:188 Resp: 314700
Ion Ratio Lower Upper
188 100
94 11.1 8.6 12.8
80 12.4 9.2 13.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF133497.D

Acq: 25 May 2023 20:05

Instrument :

BNA_F

ClientSampleId :

S-H4(BHF)DL

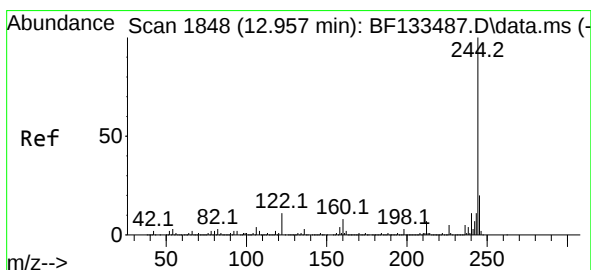
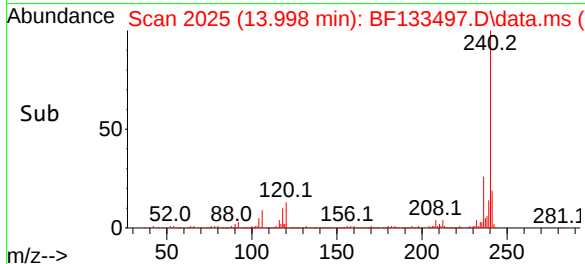
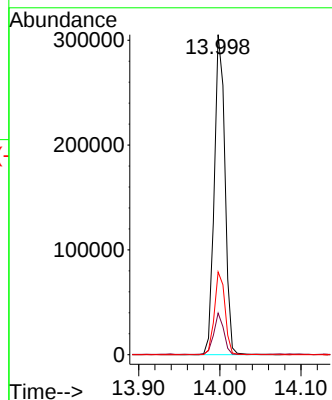
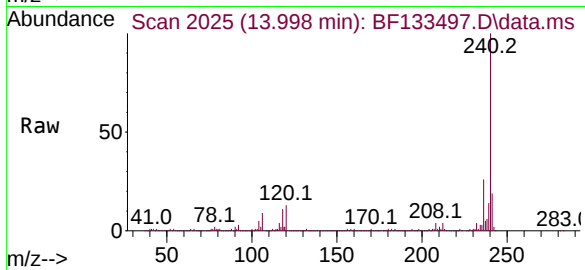
Tgt Ion:240 Resp: 278095

Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 4.718 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF133497.D

Acq: 25 May 2023 20:05

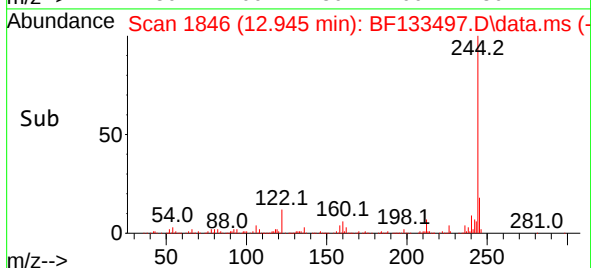
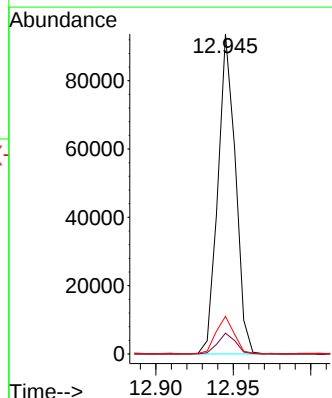
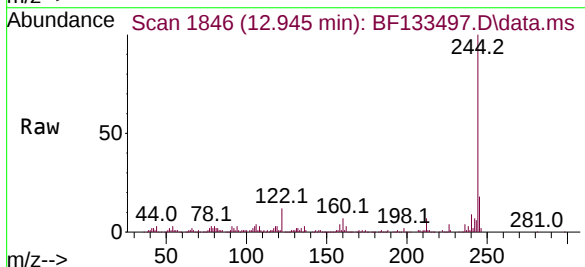
Tgt Ion:244 Resp: 73791

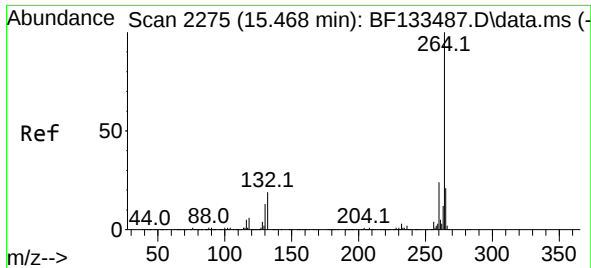
Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

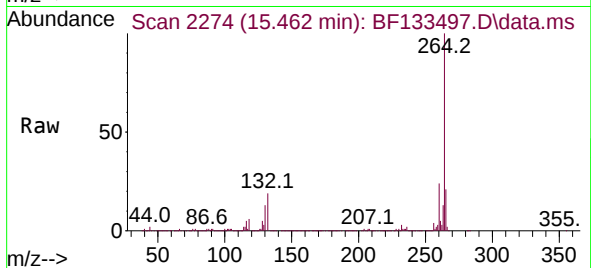
122 11.8 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133497.D
 Acq: 25 May 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 S-H4(BHF)DL



Tgt Ion:264 Resp: 309713
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.3 16.8 25.2

