

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133492.D
 Acq On : 25 May 2023 16:16
 Operator : CG\JU
 Sample : PB153012BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153012BL

Quant Time: May 26 02:07:24 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	164545	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	643391	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	325316	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	659807	20.000	ng	0.00
76) Chrysene-d12	14.004	240	502151	20.000	ng	0.00
86) Perylene-d12	15.462	264	522137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1246967	126.441	ng	0.01
7) Phenol-d6	6.463	99	1530408	126.060	ng	0.00
23) Nitrobenzene-d5	7.404	82	985318	102.252	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	462790	142.713	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1739972	82.552	ng	0.00
79) Terphenyl-d14	12.963	244	2226550	78.836	ng	0.00

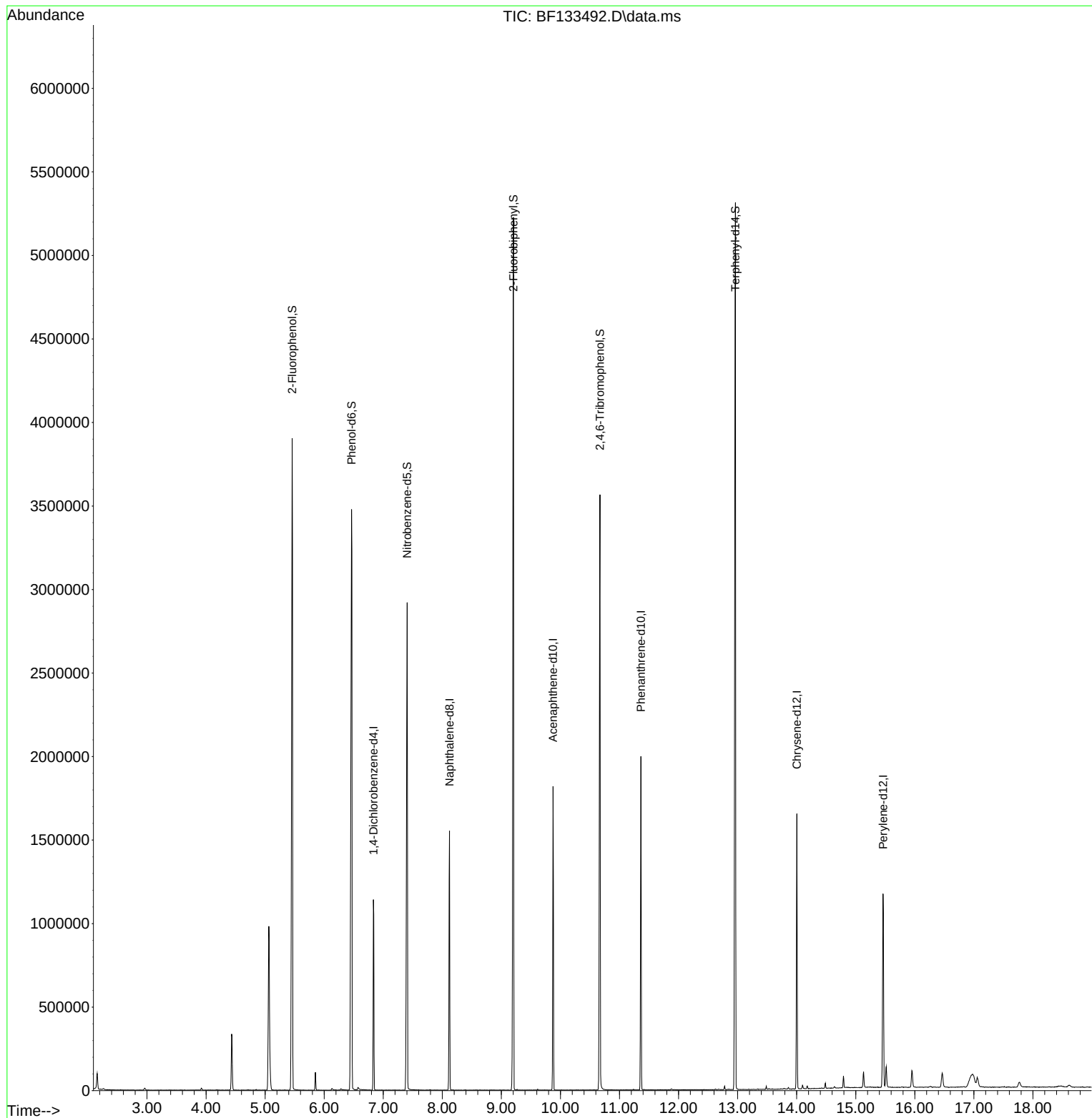
Target Compounds	Qvalue

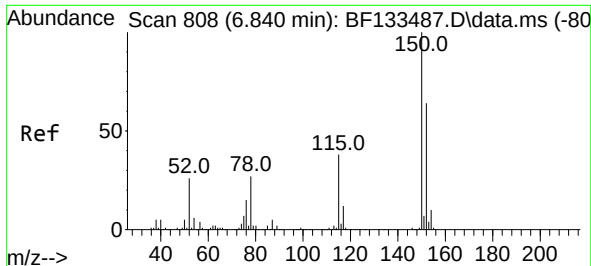
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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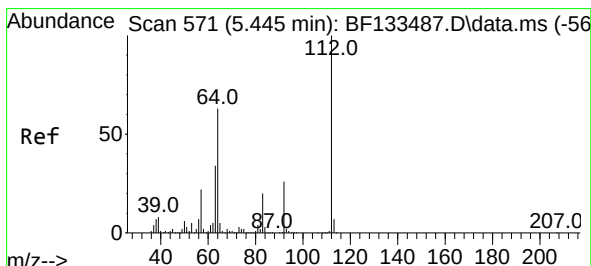
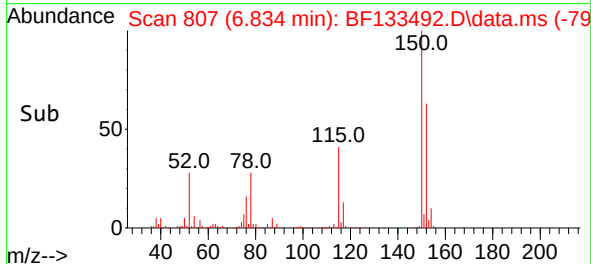
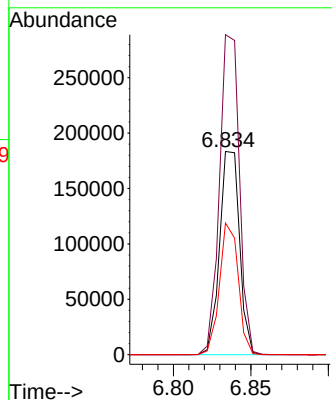
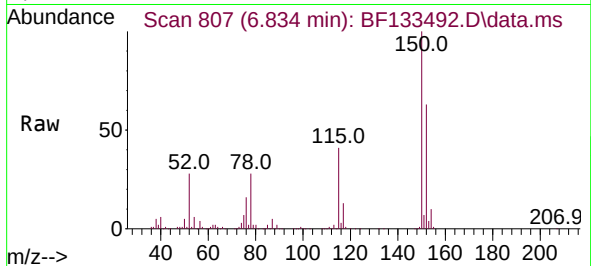




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

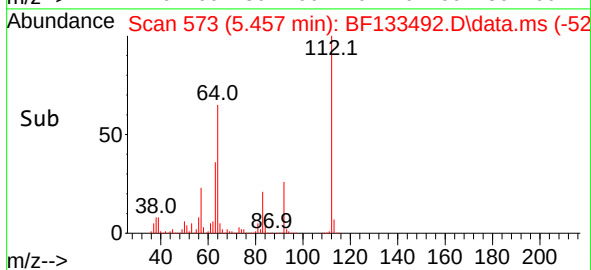
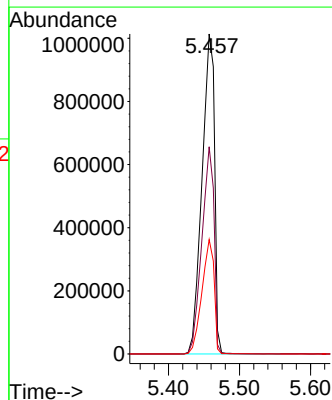
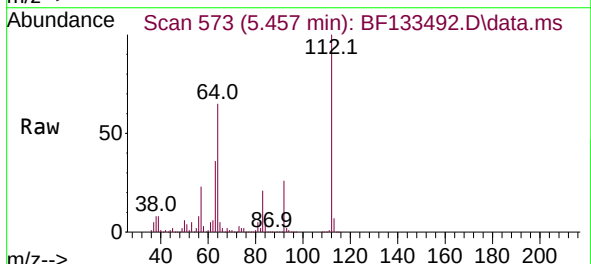
Instrument :
BNA_F
ClientSampleId :
PB153012BL

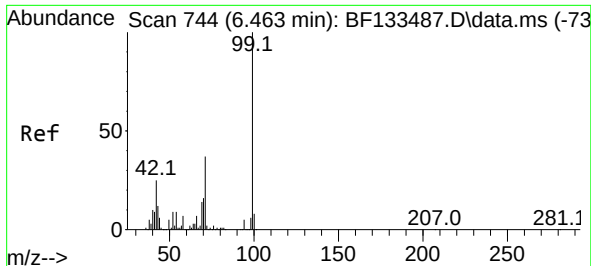
Tgt Ion:152 Resp: 164545
Ion Ratio Lower Upper
152 100
150 157.5 124.9 187.3
115 64.8 48.1 72.1



#5
2-Fluorophenol
Concen: 126.441 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:112 Resp: 1246967
Ion Ratio Lower Upper
112 100
64 64.7 50.1 75.1
63 35.8 27.5 41.3



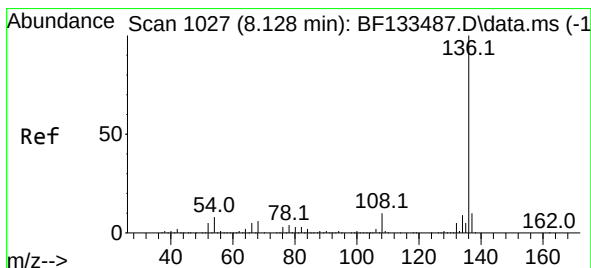
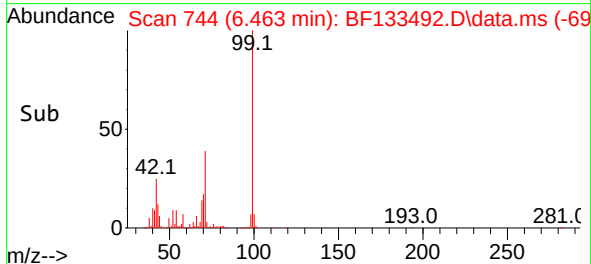
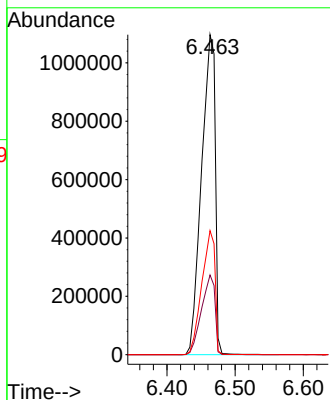
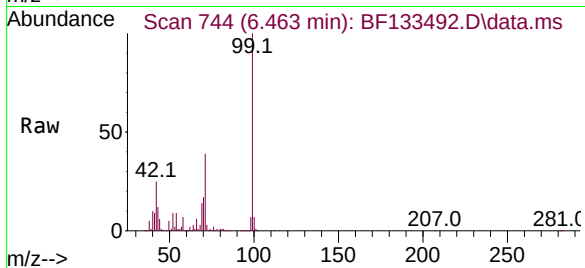


#7
Phenol-d6
Concen: 126.060 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Instrument :
BNA_F
ClientSampleId :
PB153012BL

Tgt Ion: 99 Resp: 1530408

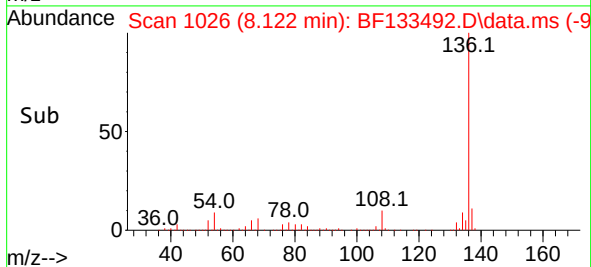
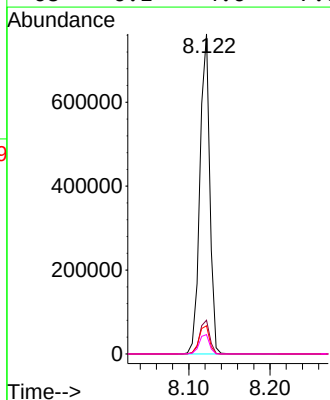
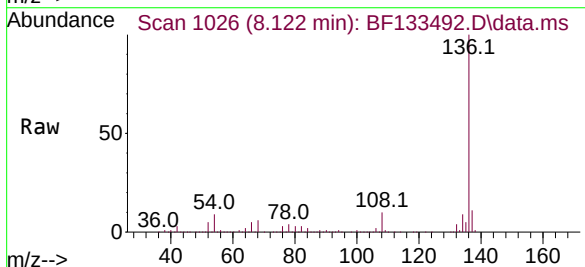
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.7	29.5
71	38.8	29.8	44.8

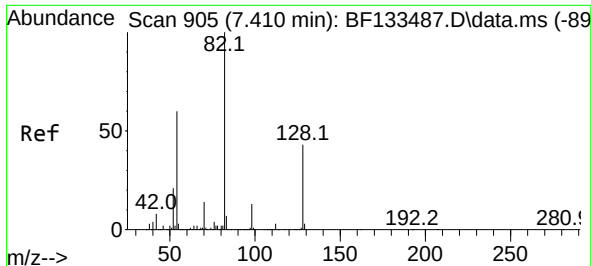


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

Tgt Ion:136 Resp: 643391

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	8.8	6.6	10.0
68	6.1	4.6	7.0





#23

Nitrobenzene-d5

Concen: 102.252 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133492.D

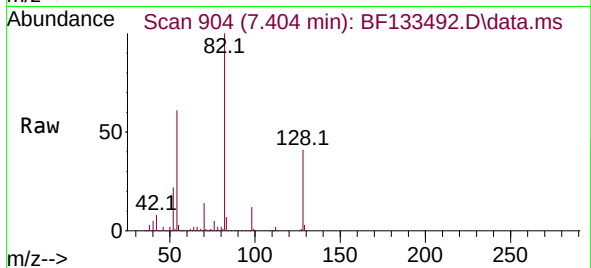
Acq: 25 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB153012BL



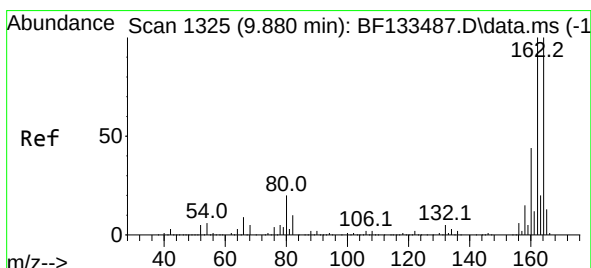
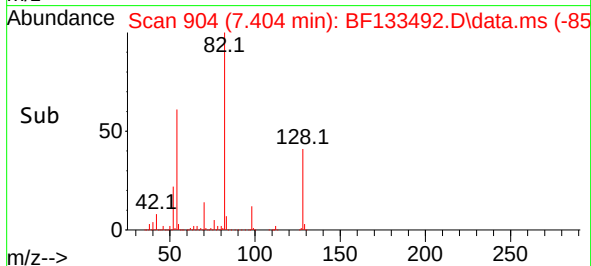
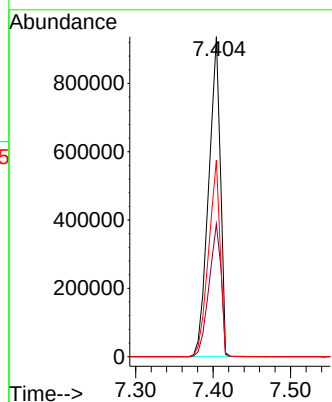
Tgt Ion: 82 Resp: 985318

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.4

54 61.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133492.D

Acq: 25 May 2023 16:16

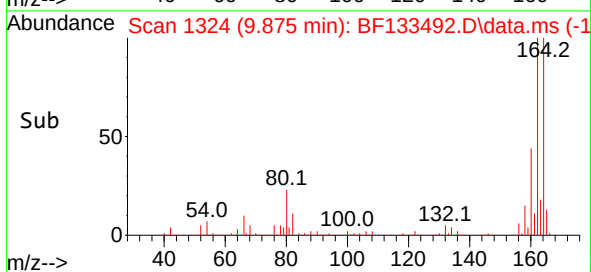
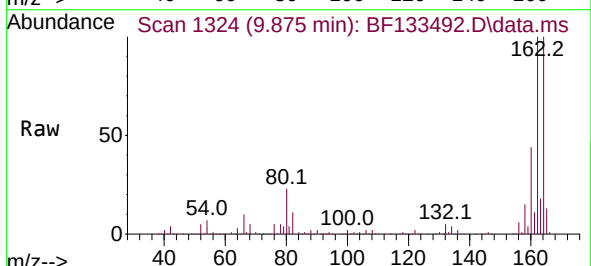
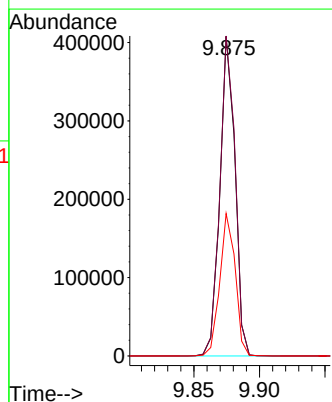
Tgt Ion: 164 Resp: 325316

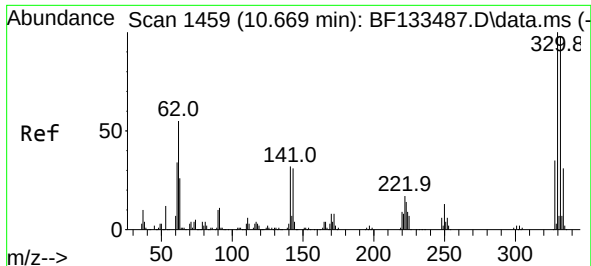
Ion Ratio Lower Upper

164 100

162 100.1 79.7 119.5

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.713 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133492.D

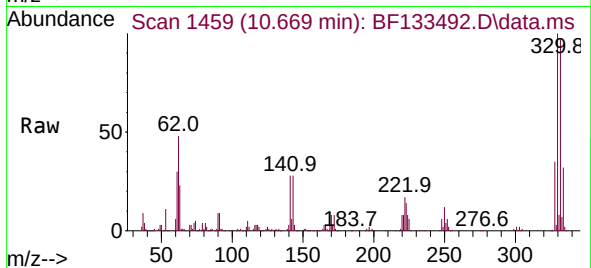
Acq: 25 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB153012BL



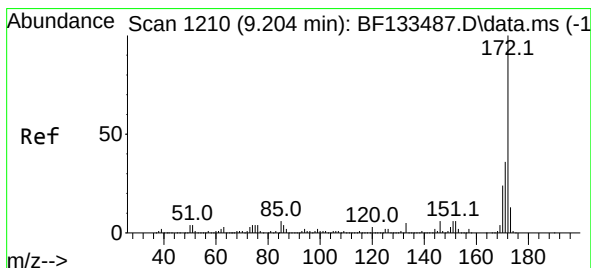
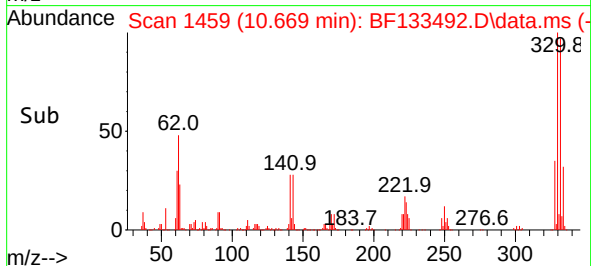
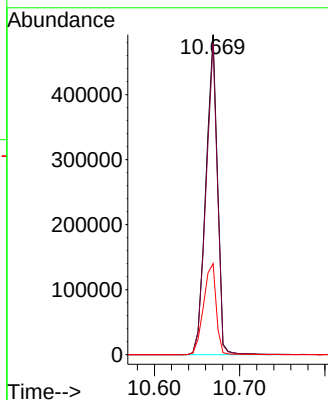
Tgt Ion:330 Resp: 462790

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 31.2 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 82.552 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133492.D

Acq: 25 May 2023 16:16

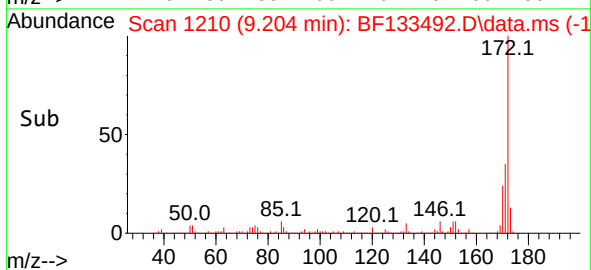
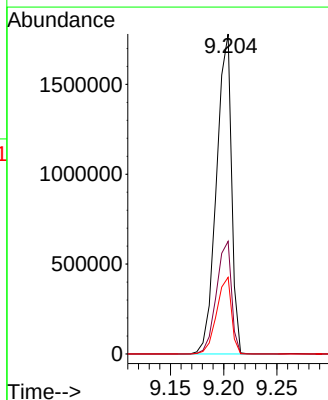
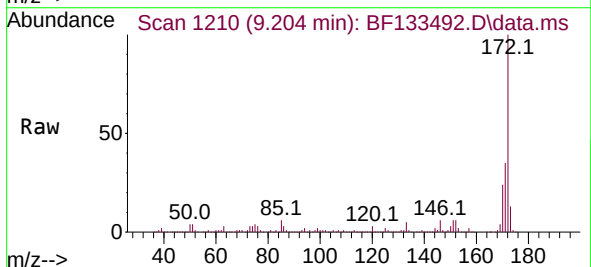
Tgt Ion:172 Resp: 1739972

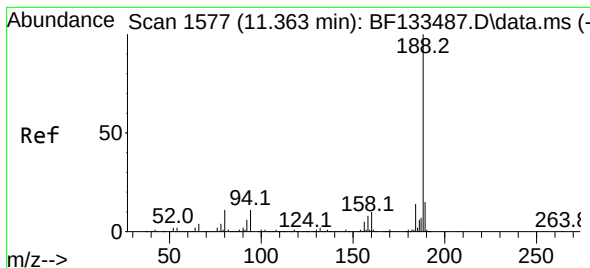
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.0 19.3 28.9

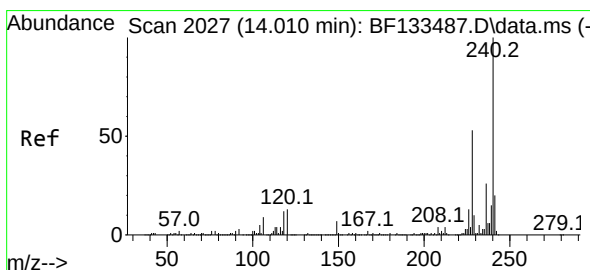
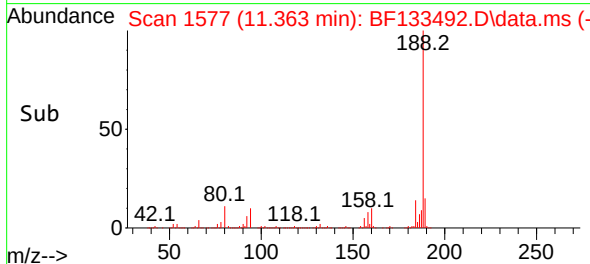
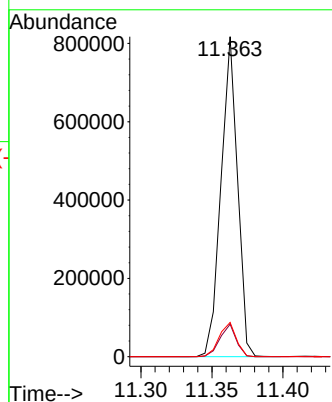
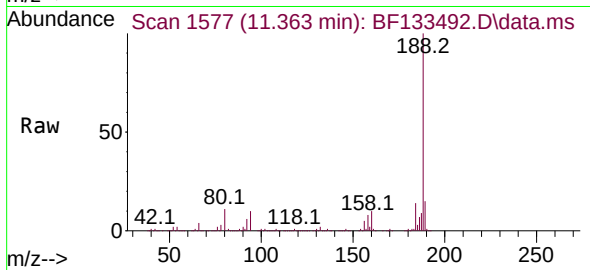




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

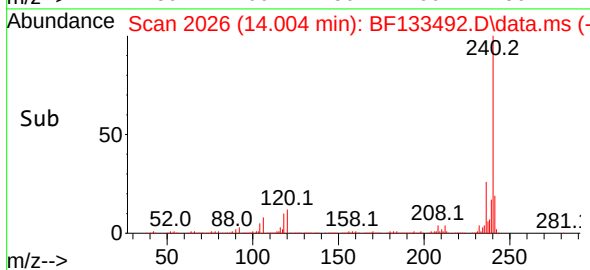
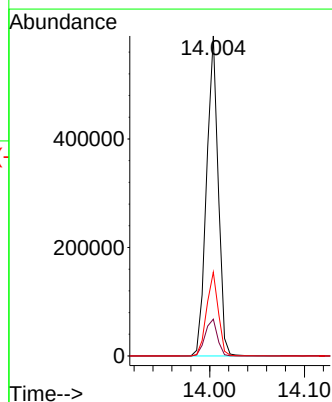
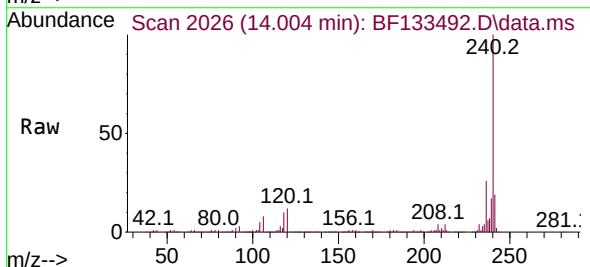
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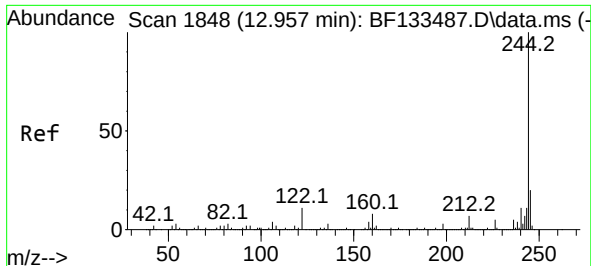
Tgt Ion:188 Resp: 659807
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133492.D
Acq: 25 May 2023 16:16

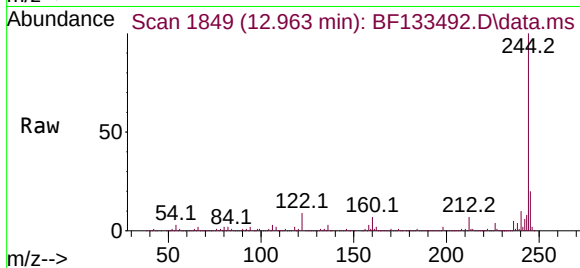
Tgt Ion:240 Resp: 502151
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 26.2 20.5 30.7



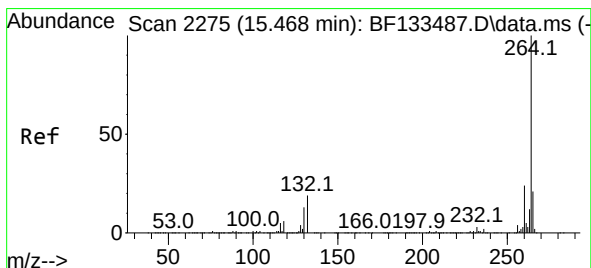
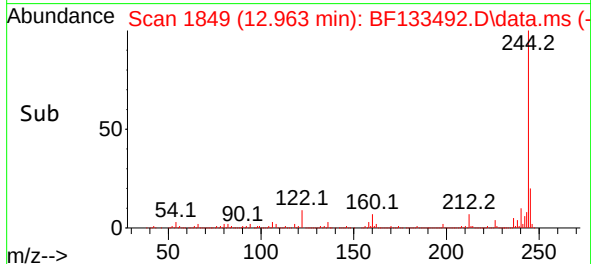
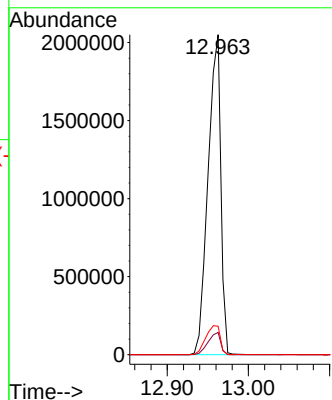


#79
 Terphenyl-d14
 Concen: 78.836 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133492.D
 Acq: 25 May 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB153012BL



Tgt Ion:244 Resp: 2226550
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 8.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133492.D
 Acq: 25 May 2023 16:16

Tgt Ion:264 Resp: 522137
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.7 16.8 25.2

