

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133675.D
 Acq On : 09 Jun 2023 14:42
 Operator : CG\JU
 Sample : PB153207BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

Quant Time: Jun 09 16:22:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	86495	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	331705	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	165191	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	316645	20.000	ng	0.00
76) Chrysene-d12	14.010	240	204963	20.000	ng	0.00
86) Perylene-d12	15.474	264	156625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	693112	139.504	ng	0.01
7) Phenol-d6	6.469	99	829942	128.331	ng	0.00
23) Nitrobenzene-d5	7.404	82	575871	94.559	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	260072	124.375	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1040722	89.557	ng	0.00
79) Terphenyl-d14	12.957	244	1162025	87.726	ng	0.00

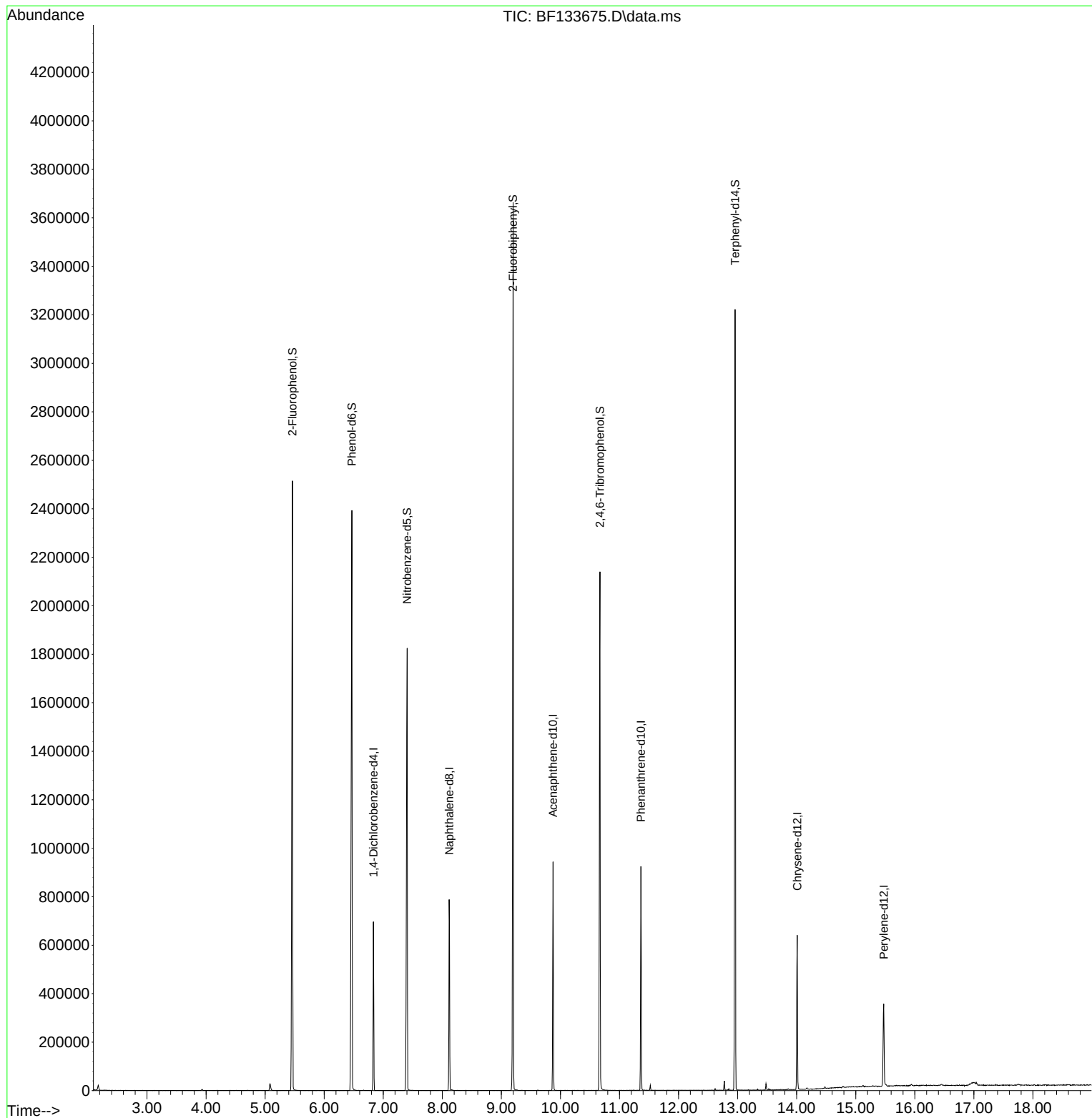
Target Compounds	Qvalue

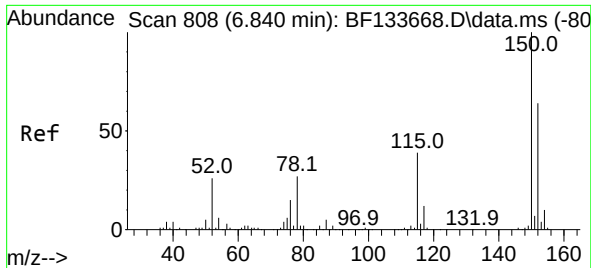
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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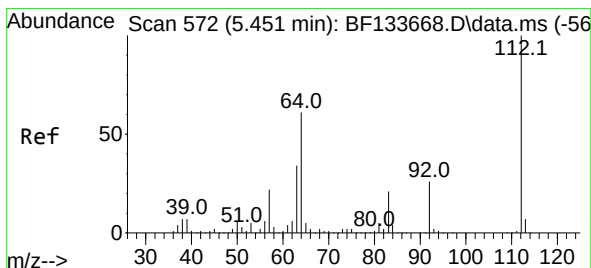
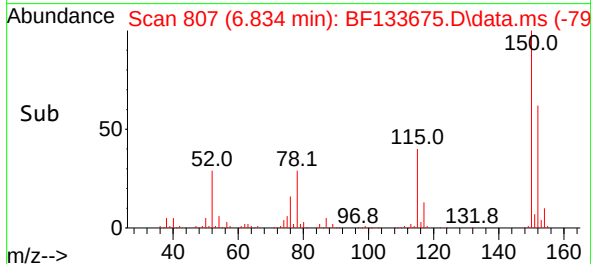
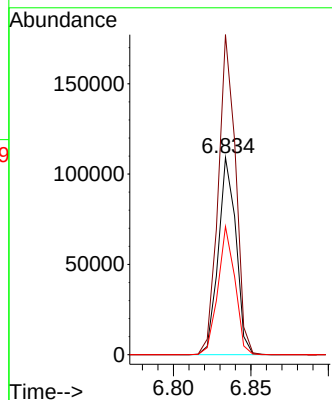
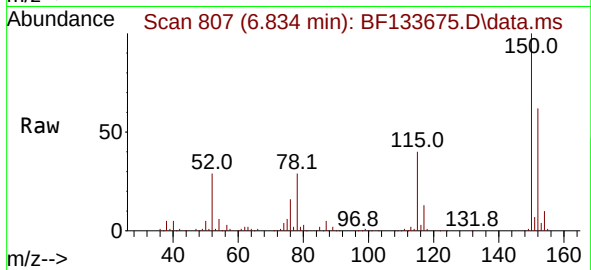




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

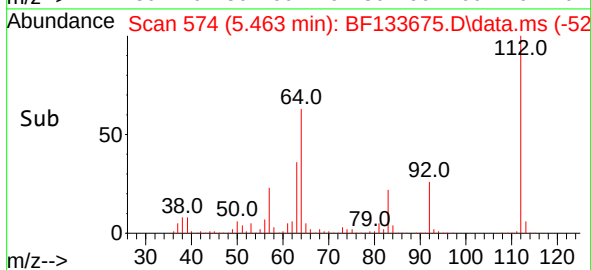
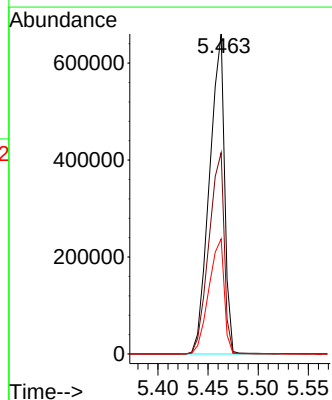
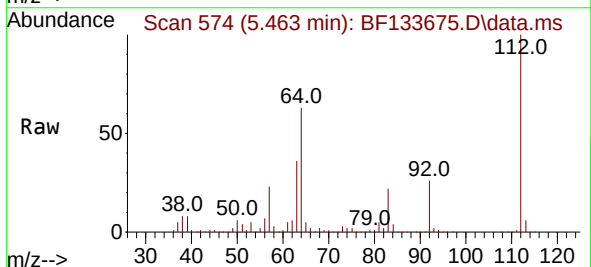
Instrument :
BNA_F
ClientSampleId :
PB153207BL

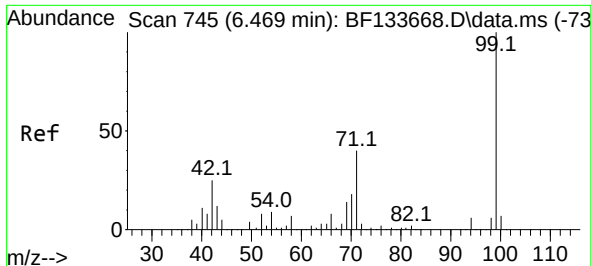
Tgt Ion:152 Resp: 86495
Ion Ratio Lower Upper
152 100
150 162.4 124.3 186.5
115 65.1 48.5 72.7



#5
2-Fluorophenol
Concen: 139.504 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

Tgt Ion:112 Resp: 693112
Ion Ratio Lower Upper
112 100
64 62.9 49.0 73.4
63 36.0 26.8 40.2

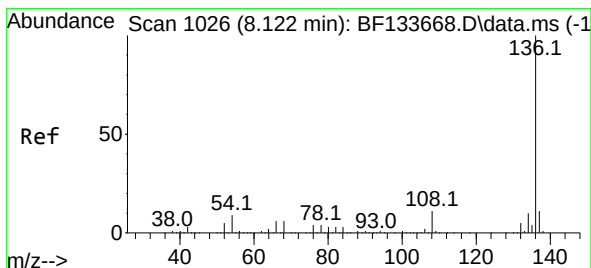
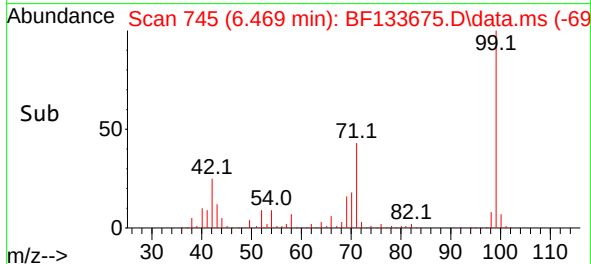
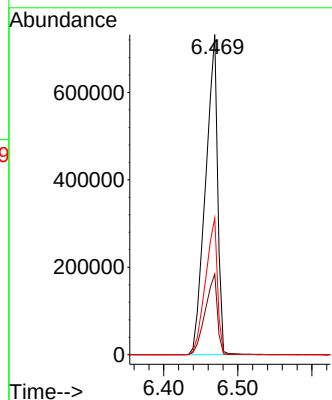
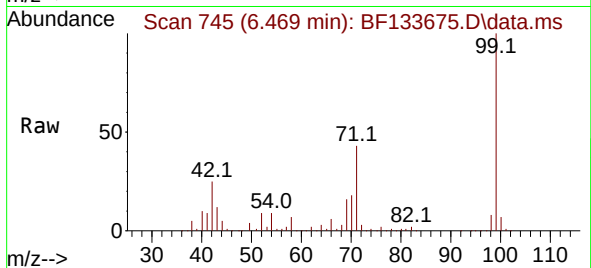




#7
Phenol-d6
Concen: 128.331 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

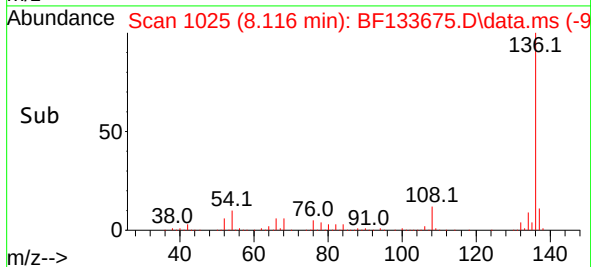
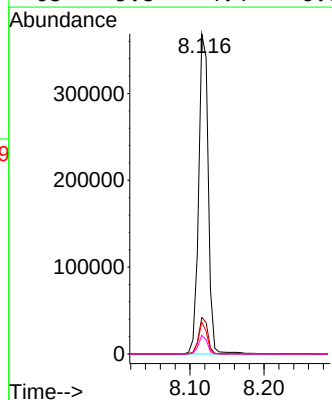
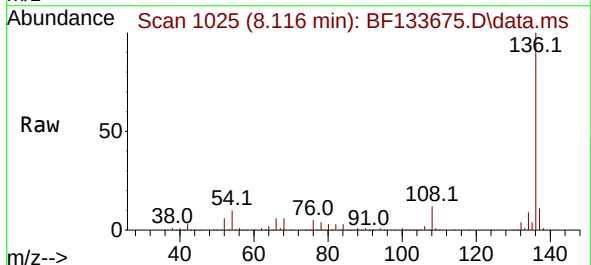
Instrument :
BNA_F
ClientSampleId :
PB153207BL

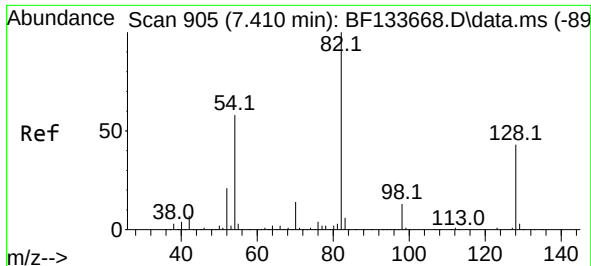
Tgt Ion: 99 Resp: 829942
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 42.7 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

Tgt Ion: 136 Resp: 331705
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.0 7.4 11.0
68 5.8 4.4 6.6

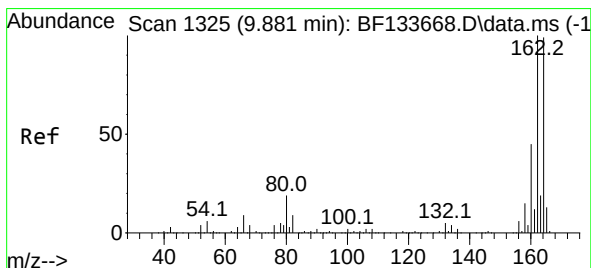
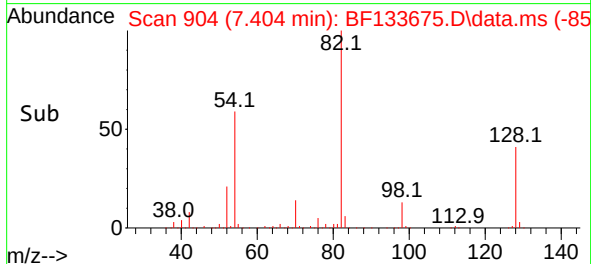
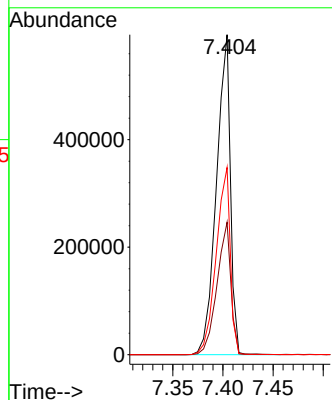
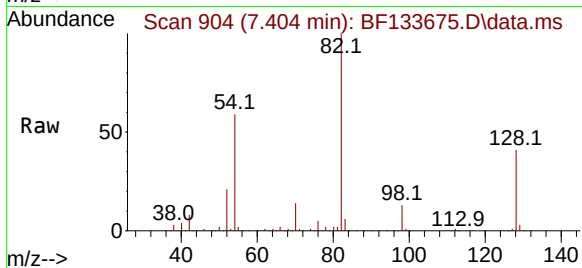




#23
Nitrobenzene-d5
Concen: 94.559 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

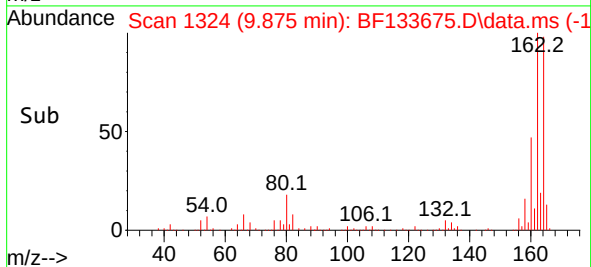
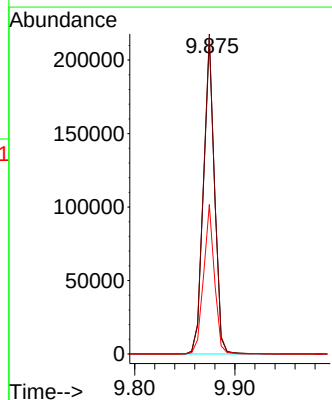
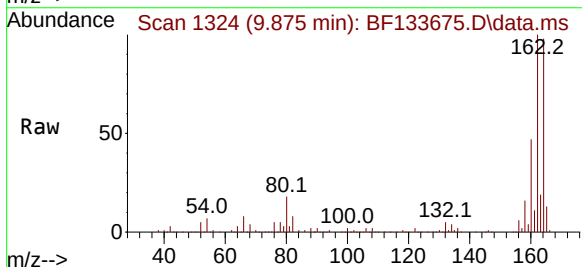
Instrument :
BNA_F
ClientSampleId :
PB153207BL

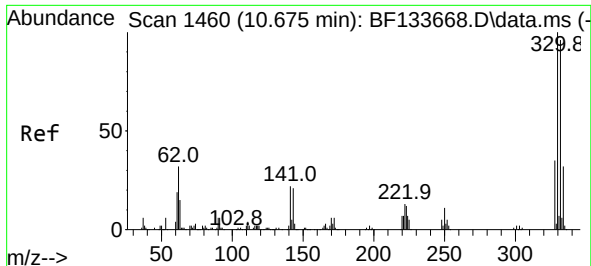
Tgt Ion: 82 Resp: 575871
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 58.5 46.5 69.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

Tgt Ion:164 Resp: 165191
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 47.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 124.375 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133675.D

Acq: 09 Jun 2023 14:42

Instrument :

BNA_F

ClientSampleId :

PB153207BL

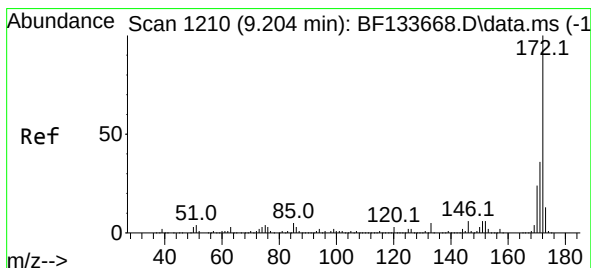
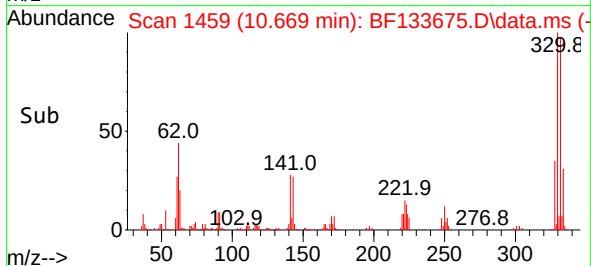
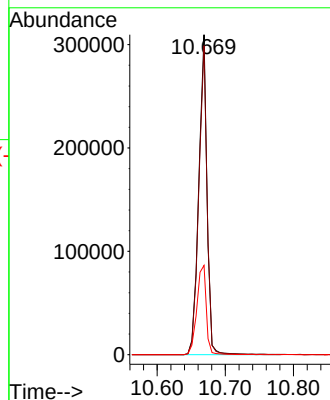
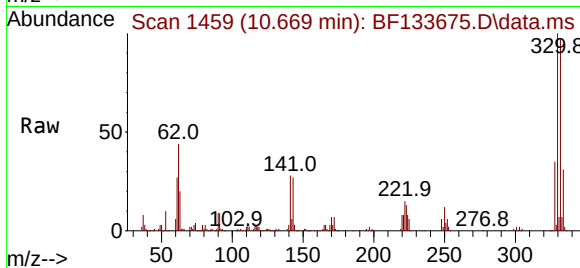
Tgt Ion:330 Resp: 260072

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 31.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 89.557 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133675.D

Acq: 09 Jun 2023 14:42

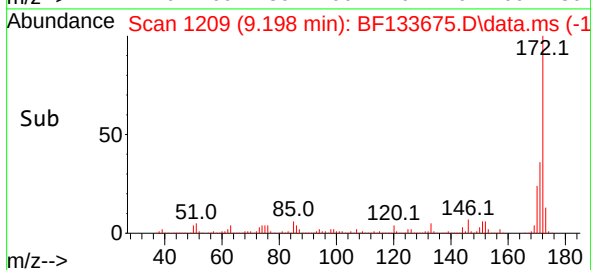
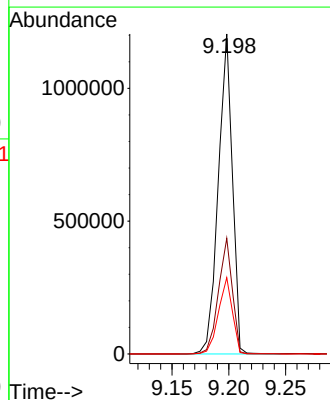
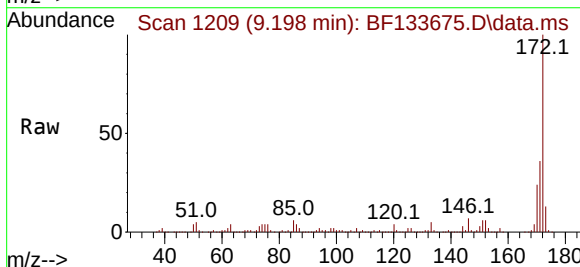
Tgt Ion:172 Resp: 1040722

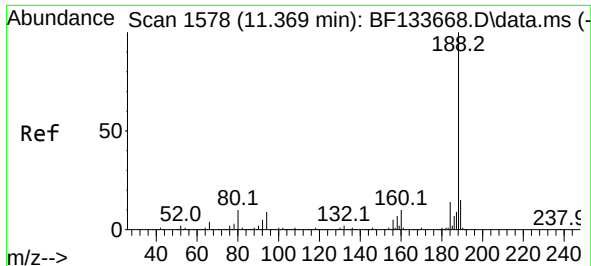
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.8 19.1 28.7

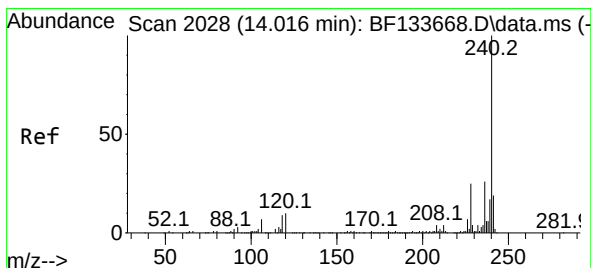
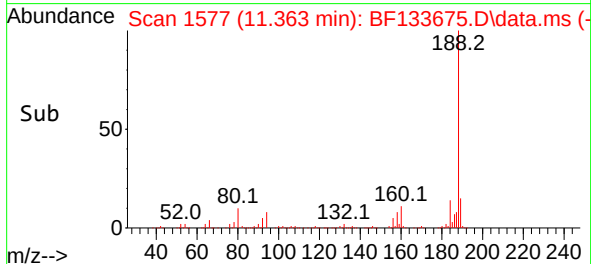
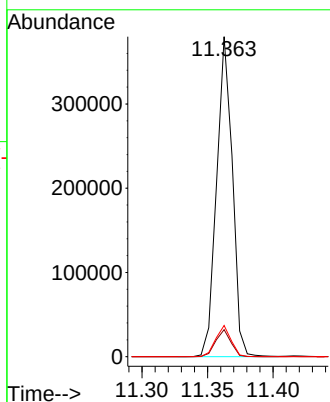
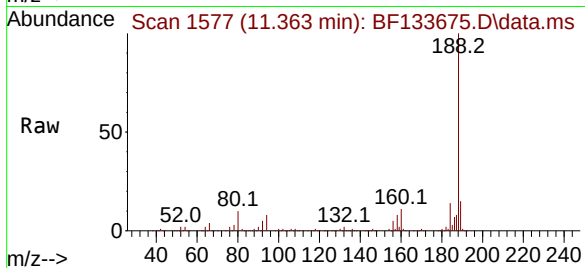




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

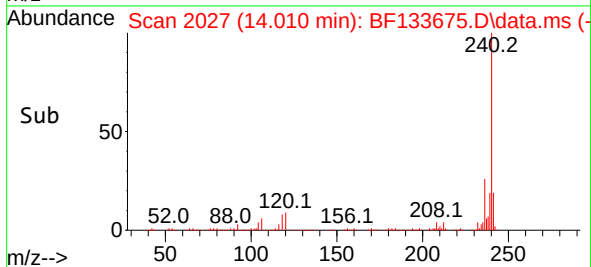
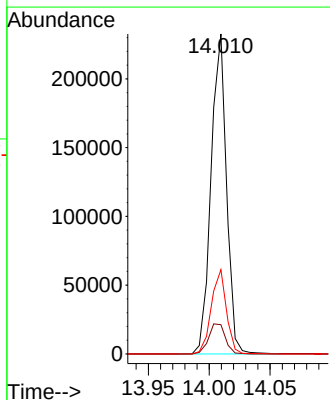
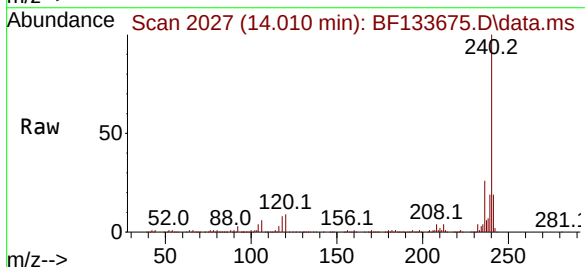
Instrument :
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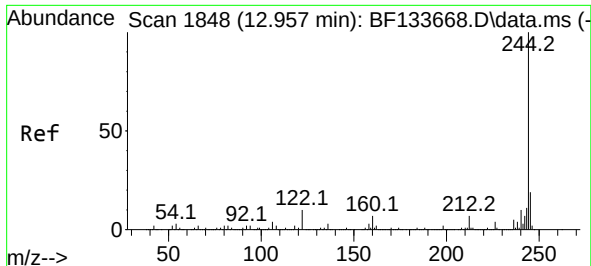
Tgt Ion:188 Resp: 316645
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.8 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133675.D
Acq: 09 Jun 2023 14:42

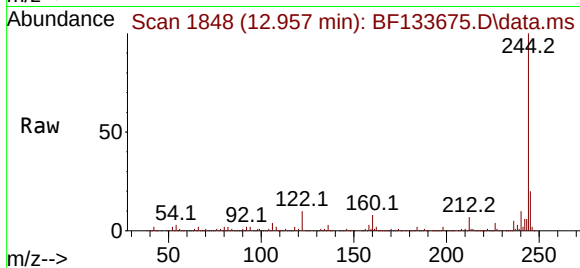
Tgt Ion:240 Resp: 204963
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.4 20.5 30.7





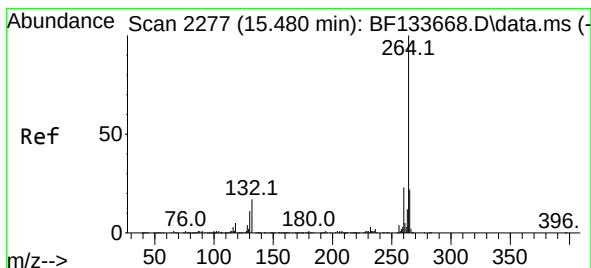
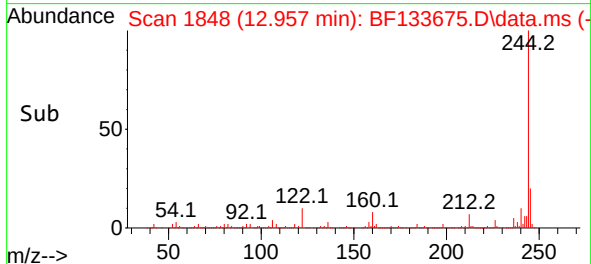
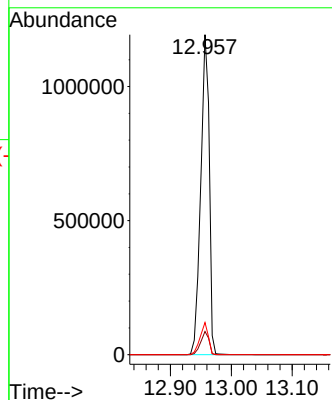
#79
 Terphenyl-d14
 Concen: 87.726 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133675.D
 Acq: 09 Jun 2023 14:42

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL



Tgt Ion:244 Resp: 1162025

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.1	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF133675.D
 Acq: 09 Jun 2023 14:42

Tgt Ion:264 Resp: 156625

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.7	17.8	26.6

