

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136186.D
 Acq On : 24 Nov 2023 18:41
 Operator : CG\JU
 Sample : 05293-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Nov 24 23:08:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115063	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	493581	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	252977	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	472875	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	251013	20.000	ng	0.00
86) Perylene-d12	15.462	264	236629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	688218	95.236	ng	0.00
7) Phenol-d6	6.439	99	862255	96.966	ng	0.00
23) Nitrobenzene-d5	7.363	82	518874	58.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	251495	94.921	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1082460	63.250	ng	0.00
79) Terphenyl-d14	12.927	244	1118798	63.268	ng	0.00

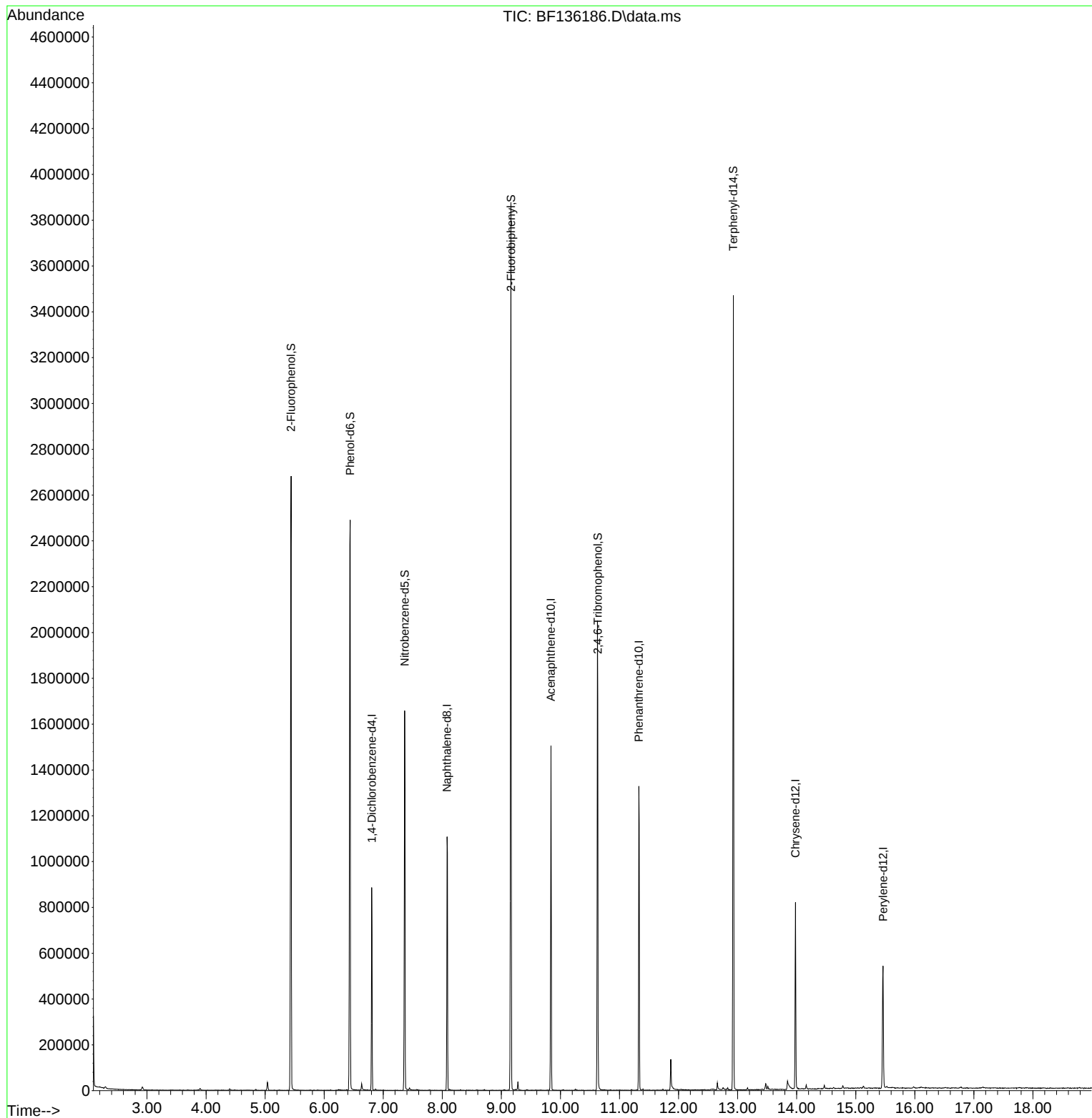
Target Compounds	Qvalue

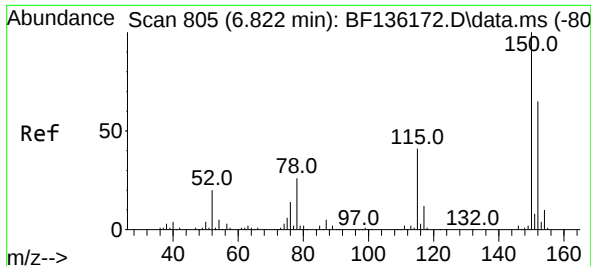
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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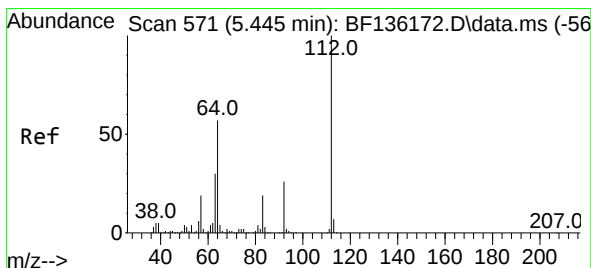
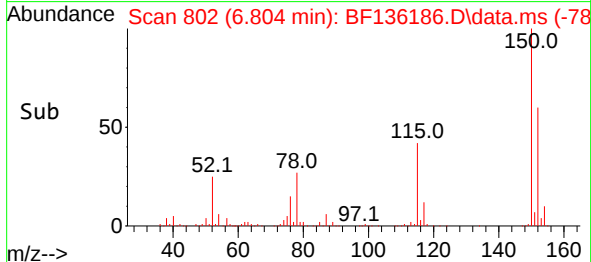
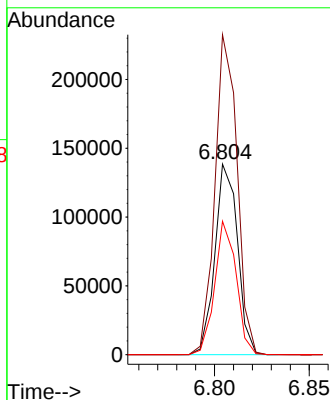
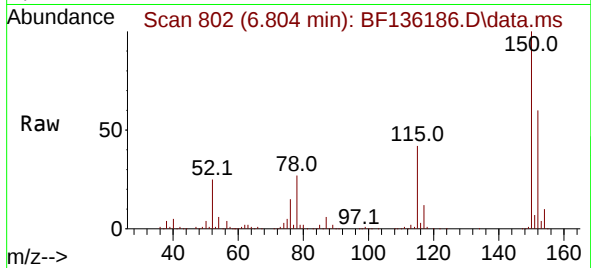




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

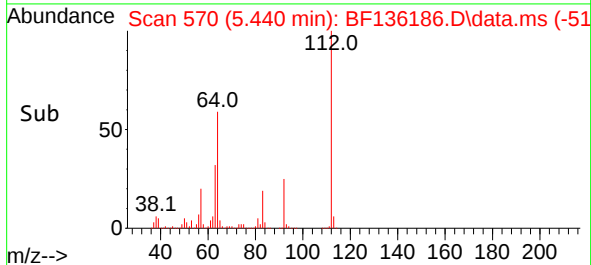
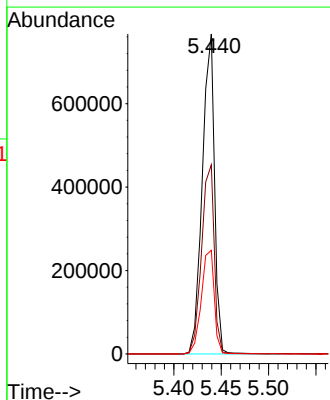
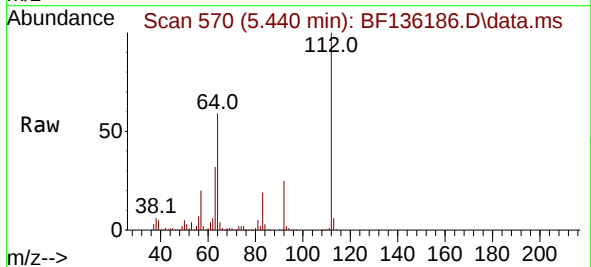
Instrument :
BNA_F
ClientSampleId :
SB-5

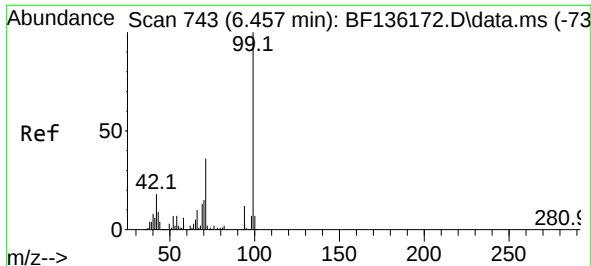
Tgt Ion:152 Resp: 115063
Ion Ratio Lower Upper
152 100
150 167.9 123.1 184.7
115 70.0 50.5 75.7



#5
2-Fluorophenol
Concen: 95.236 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion:112 Resp: 688218
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.0
63 32.4 24.4 36.6

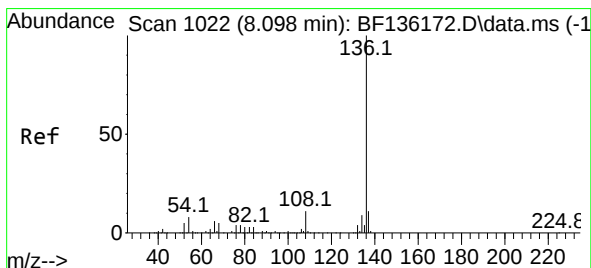
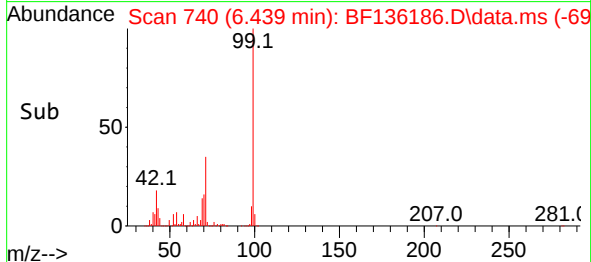
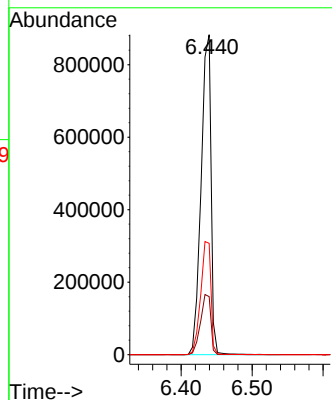
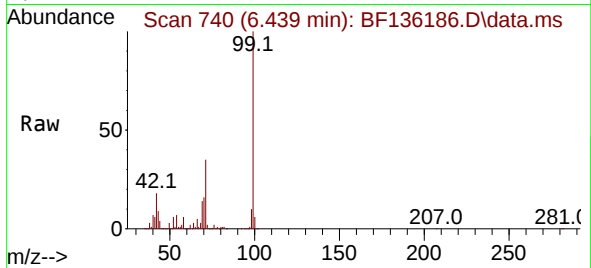




#7
Phenol-d6
Concen: 96.966 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

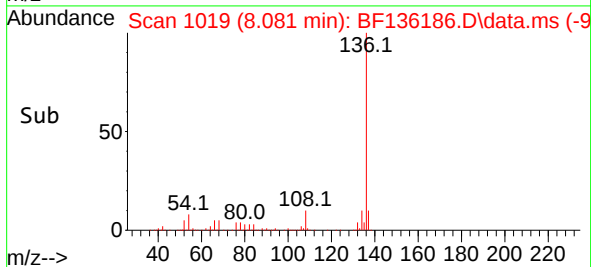
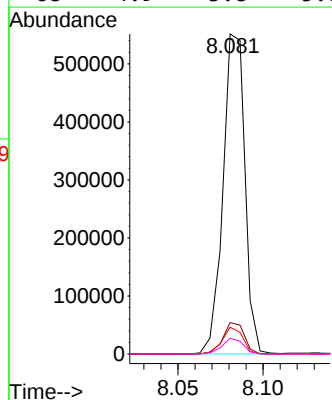
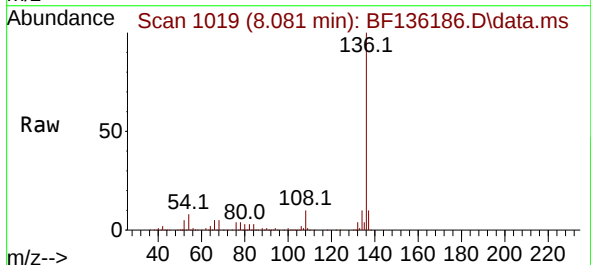
Instrument :
BNA_F
ClientSampleId :
SB-5

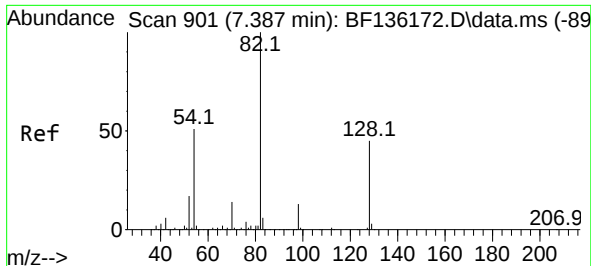
Tgt Ion: 99 Resp: 862255
Ion Ratio Lower Upper
99 100
42 18.2 14.1 21.1
71 34.8 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion: 136 Resp: 493581
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 8.3 6.3 9.5
68 4.9 3.8 5.8

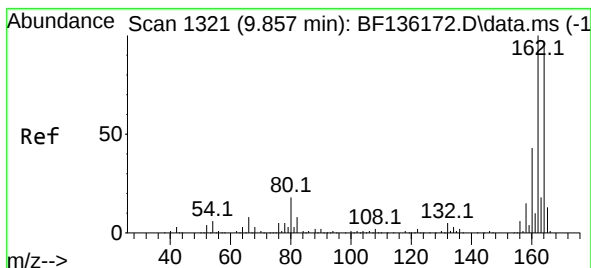
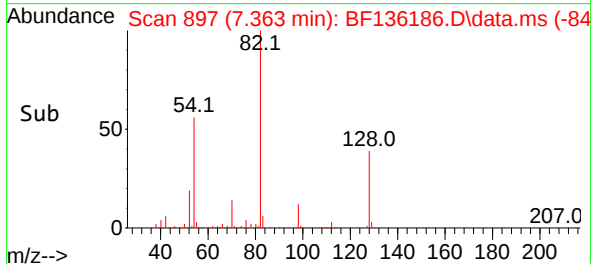
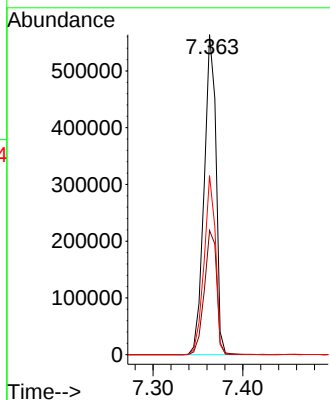
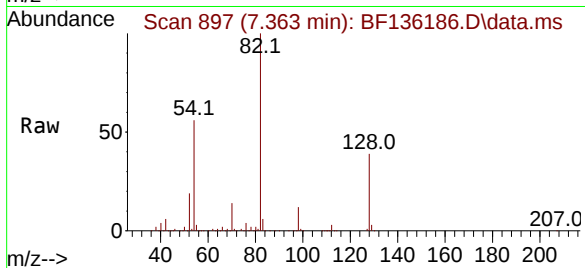




#23
Nitrobenzene-d5
Concen: 58.663 ng
RT: 7.363 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

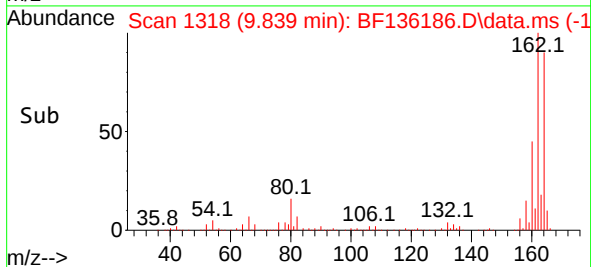
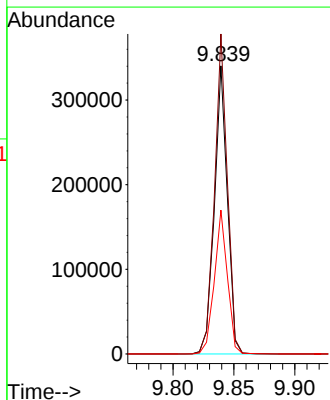
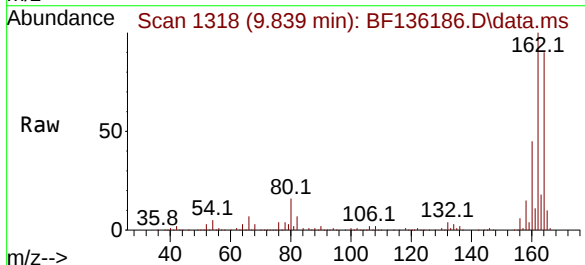
Instrument :
BNA_F
ClientSampleId :
SB-5

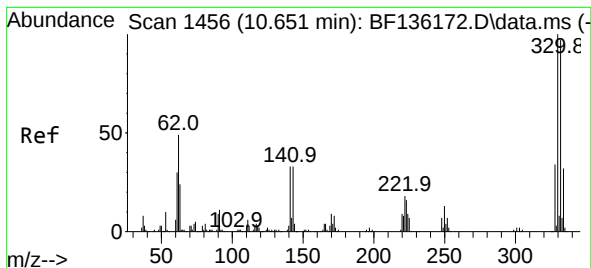
Tgt Ion: 82 Resp: 518874
Ion Ratio Lower Upper
82 100
128 38.8 35.8 53.6
54 56.0 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

Tgt Ion: 164 Resp: 252977
Ion Ratio Lower Upper
164 100
162 111.1 83.2 124.8
160 49.9 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 94.921 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136186.D

Acq: 24 Nov 2023 18:41

Instrument :

BNA_F

ClientSampleId :

SB-5

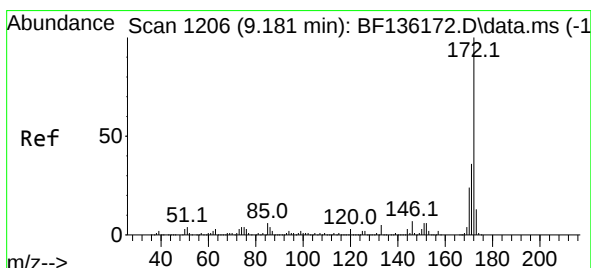
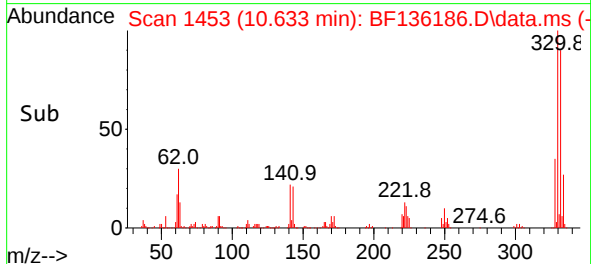
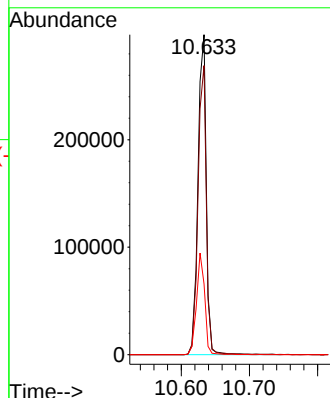
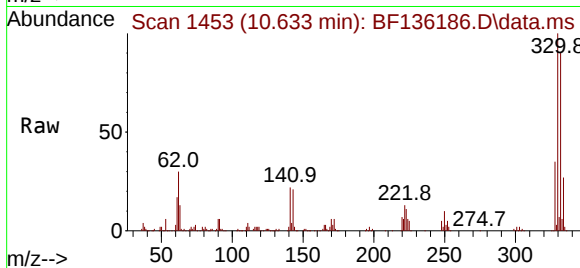
Tgt Ion:330 Resp: 251495

Ion Ratio Lower Upper

330 100

332 90.3 77.6 116.4

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 63.250 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136186.D

Acq: 24 Nov 2023 18:41

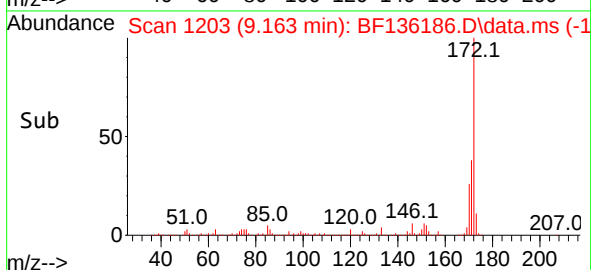
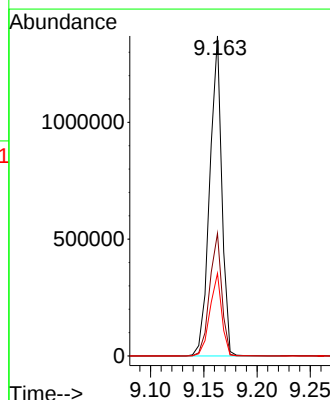
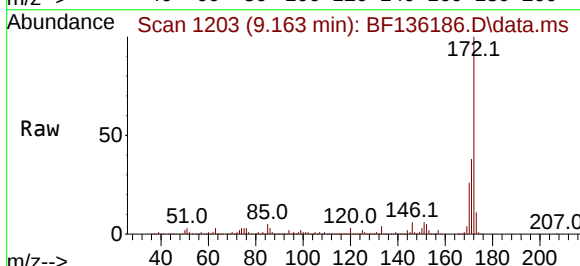
Tgt Ion:172 Resp: 1082460

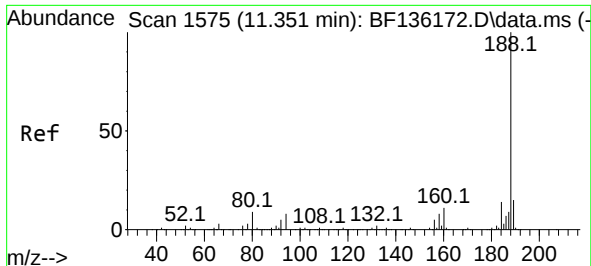
Ion Ratio Lower Upper

172 100

171 38.3 28.9 43.3

170 25.8 19.1 28.7

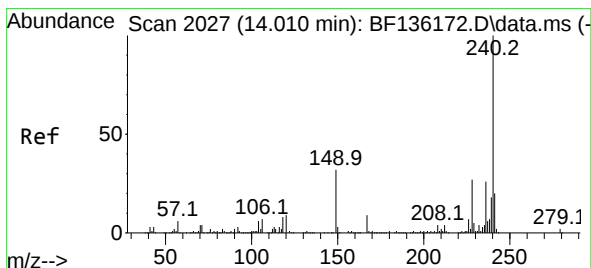
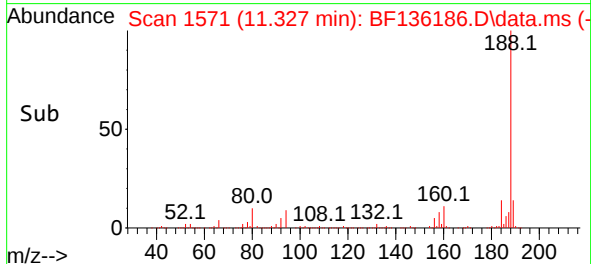
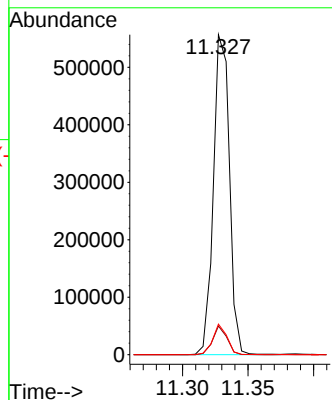
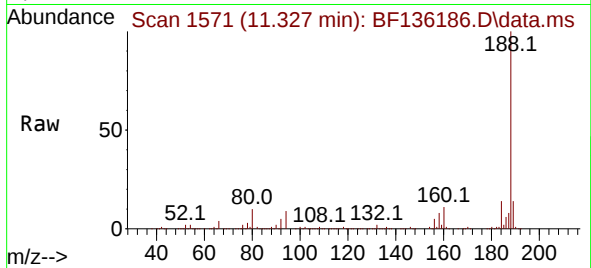




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

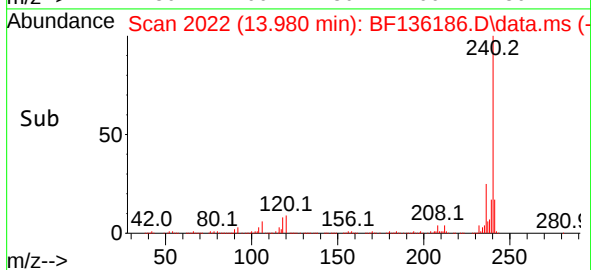
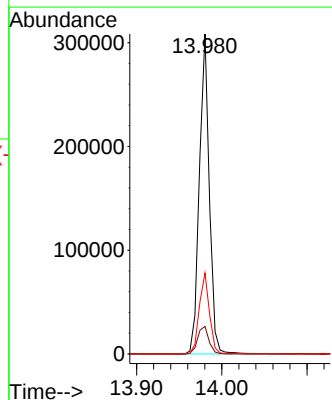
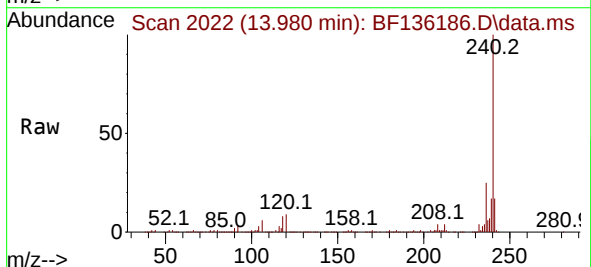
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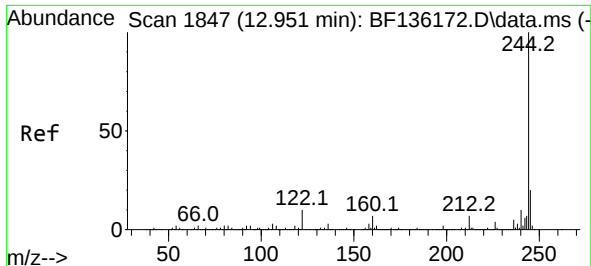
Tgt Ion:188 Resp: 472875
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136186.D
Acq: 24 Nov 2023 18:41

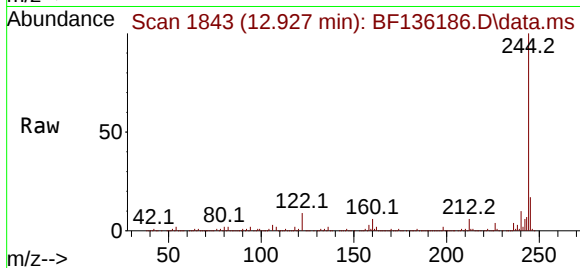
Tgt Ion:240 Resp: 251013
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 25.3 20.9 31.3



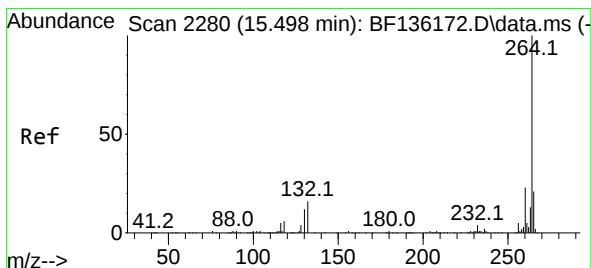
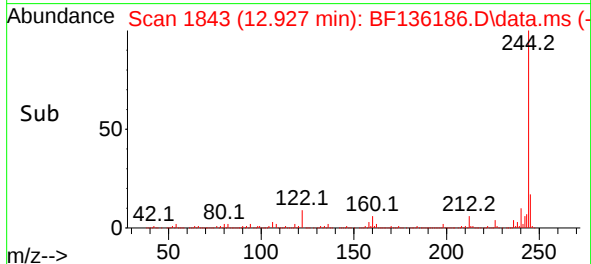
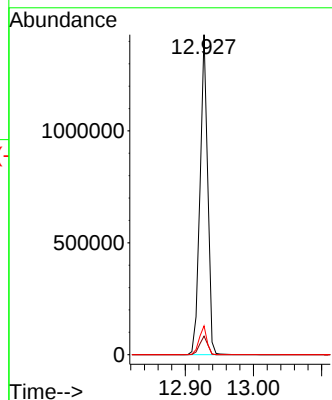


#79
 Terphenyl-d14
 Concen: 63.268 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136186.D
 Acq: 24 Nov 2023 18:41

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1118798
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 9.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136186.D
 Acq: 24 Nov 2023 18:41

Tgt Ion:264 Resp: 236629
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 20.3 16.9 25.3

