

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136185.D
 Acq On : 24 Nov 2023 18:09
 Operator : CG\JU
 Sample : 05293-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Nov 24 23:08:08 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	120285	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	519795	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262426	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	500420	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	269214	20.000	ng	0.00
86) Perylene-d12	15.463	264	252771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	781407	103.437	ng	0.00
7) Phenol-d6	6.440	99	974254	104.804	ng	0.00
23) Nitrobenzene-d5	7.363	82	588802	63.211	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	280791	102.162	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1250579	70.443	ng	0.00
79) Terphenyl-d14	12.927	244	1325016	69.864	ng	0.00

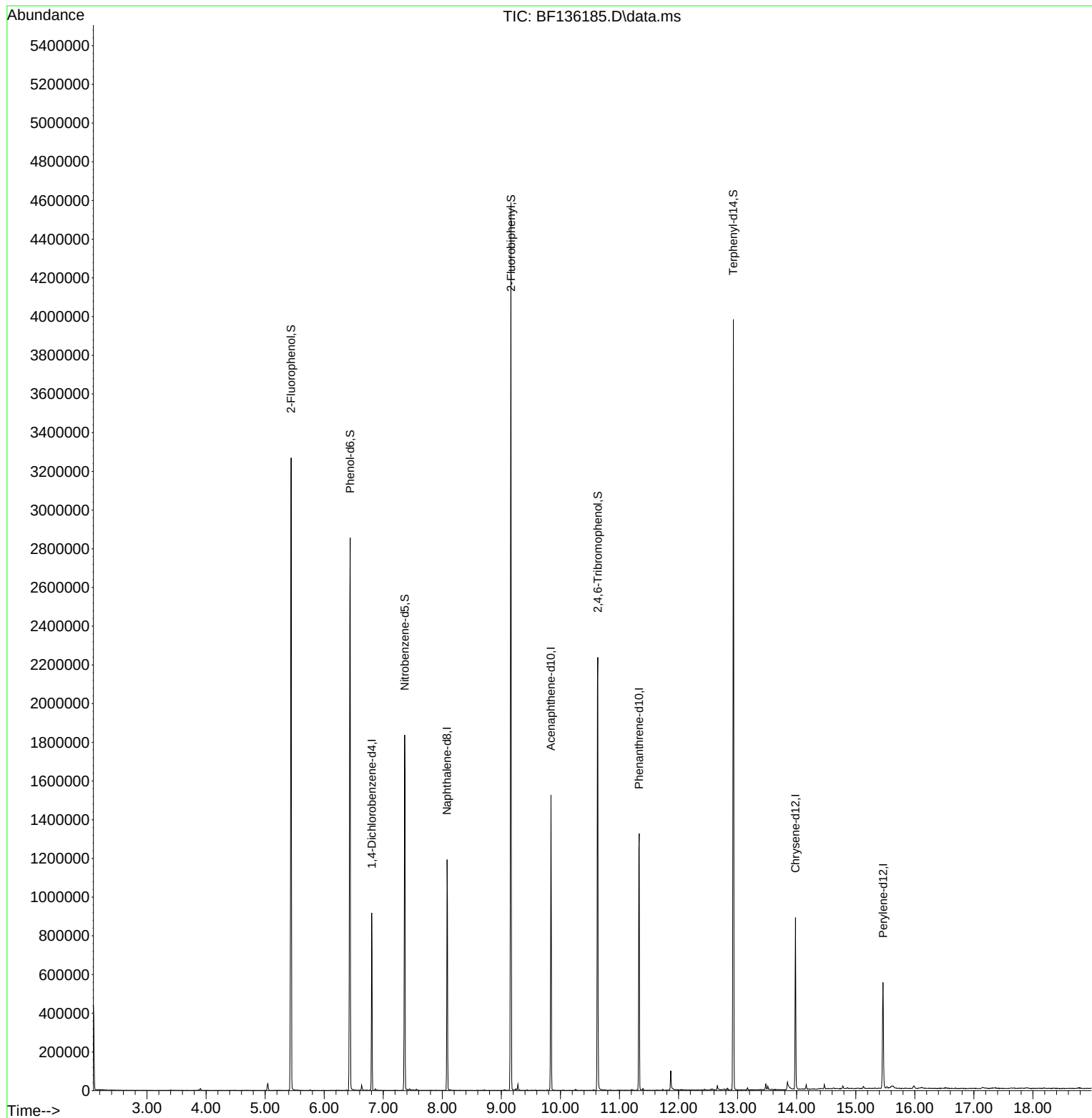
Target Compounds	Qvalue

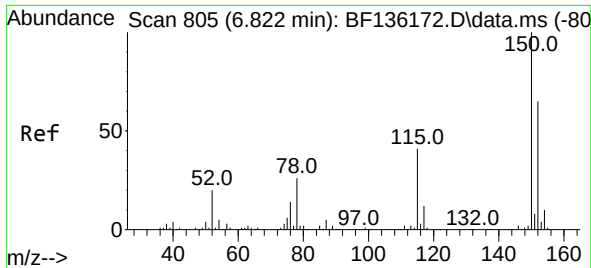
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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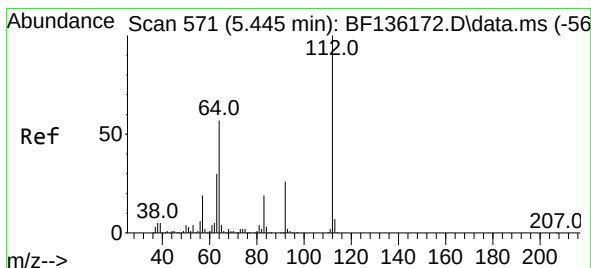
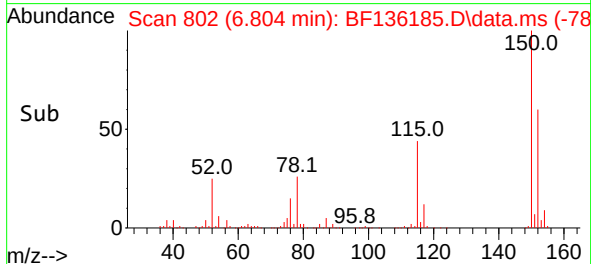
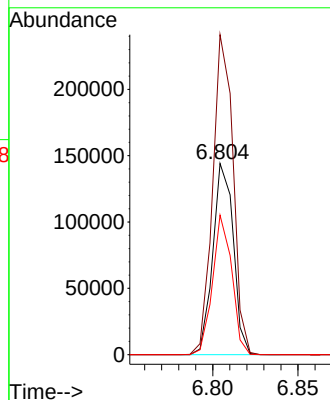
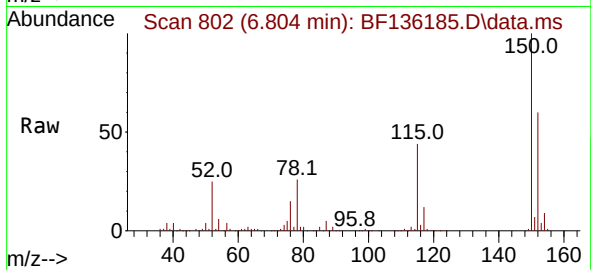




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

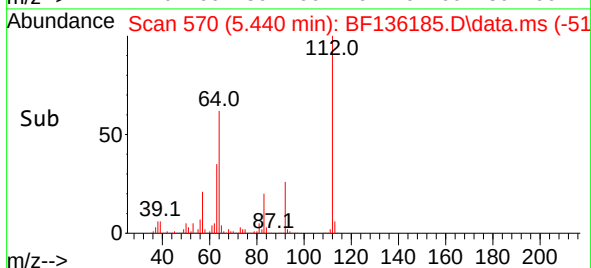
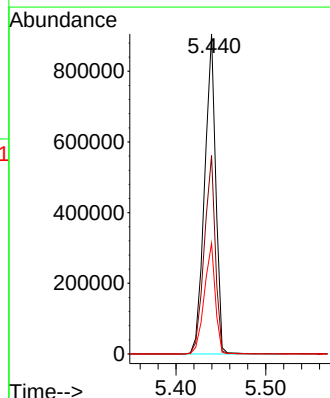
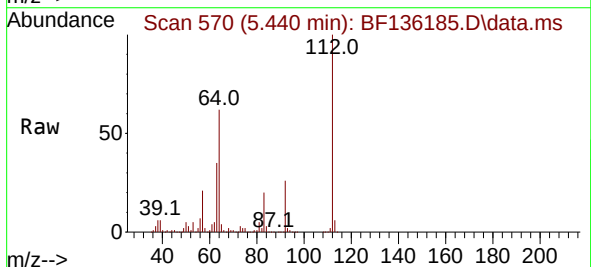
Instrument :
BNA_F
ClientSampleId :
SB-4

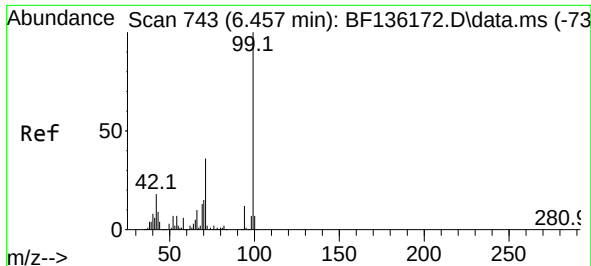
Tgt Ion:152 Resp: 120285
Ion Ratio Lower Upper
152 100
150 167.4 123.1 184.7
115 73.0 50.5 75.7



#5
2-Fluorophenol
Concen: 103.437 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Tgt Ion:112 Resp: 781407
Ion Ratio Lower Upper
112 100
64 62.0 45.4 68.0
63 34.6 24.4 36.6

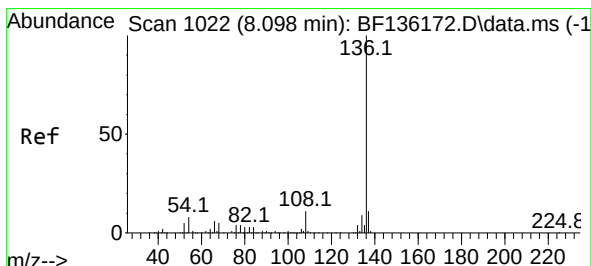
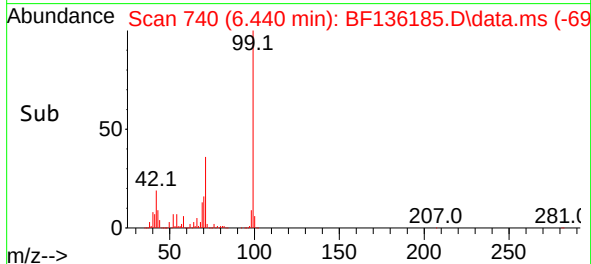
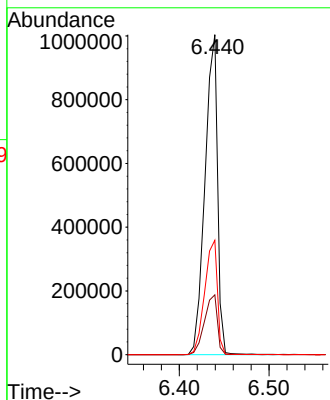
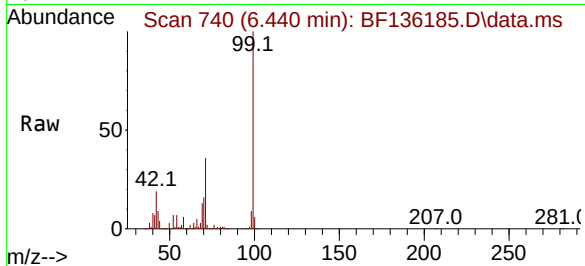




#7
Phenol-d6
Concen: 104.804 ng
RT: 6.440 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

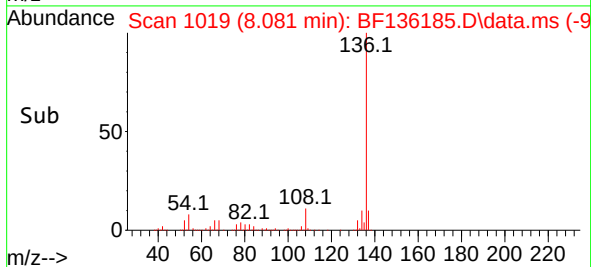
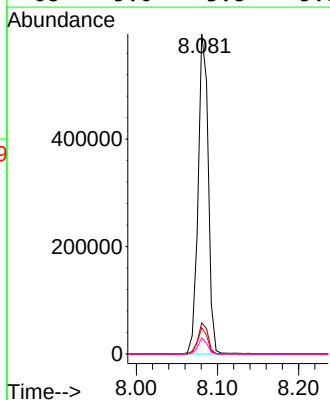
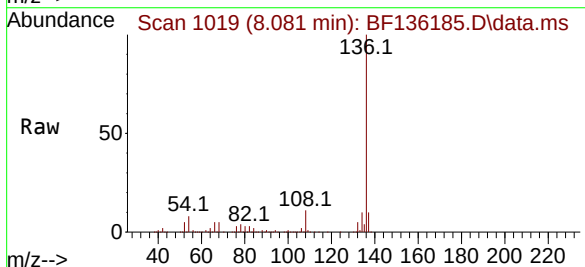
Instrument :
BNA_F
ClientSampleId :
SB-4

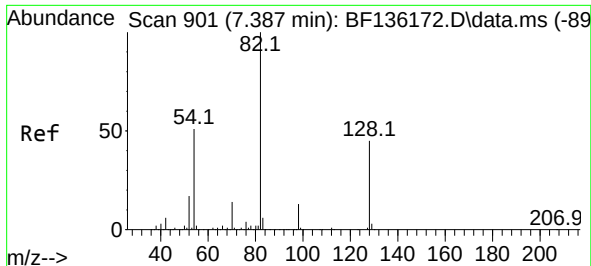
Tgt Ion: 99 Resp: 974254
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.8 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Tgt Ion: 136 Resp: 519795
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 8.2 6.3 9.5
68 5.0 3.8 5.8

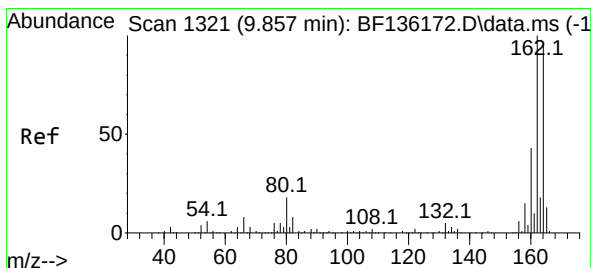
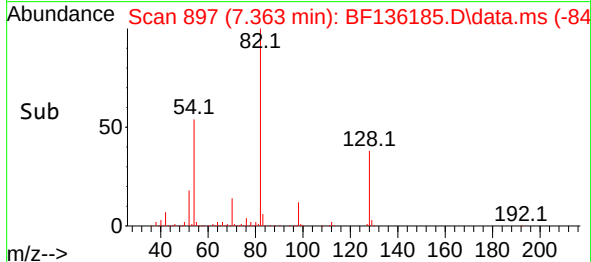
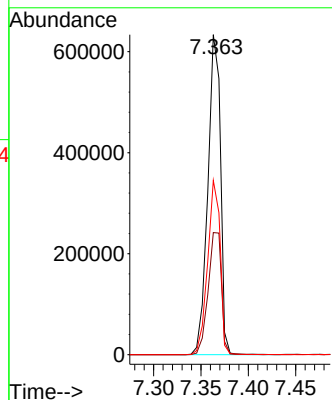
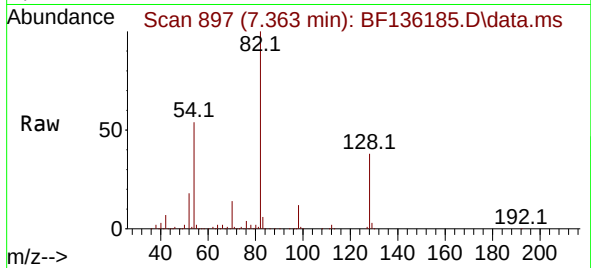




#23
Nitrobenzene-d5
Concen: 63.211 ng
RT: 7.363 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

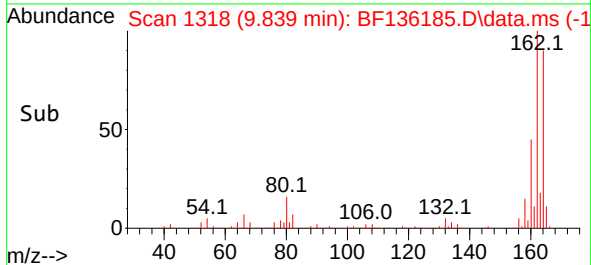
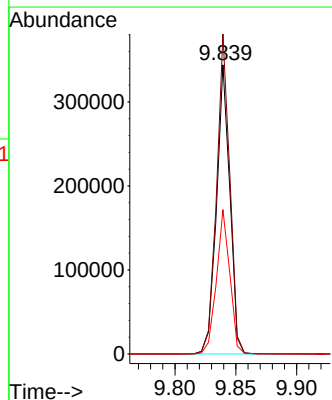
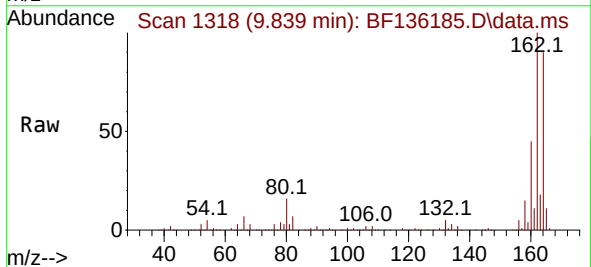
Instrument :
BNA_F
ClientSampleId :
SB-4

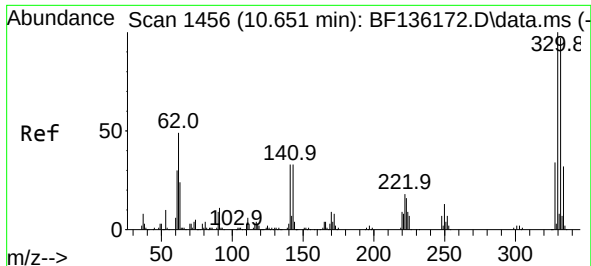
Tgt Ion: 82 Resp: 588802
Ion Ratio Lower Upper
82 100
128 38.2 35.8 53.6
54 54.5 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Tgt Ion:164 Resp: 262426
Ion Ratio Lower Upper
164 100
162 110.7 83.2 124.8
160 49.9 35.8 53.8

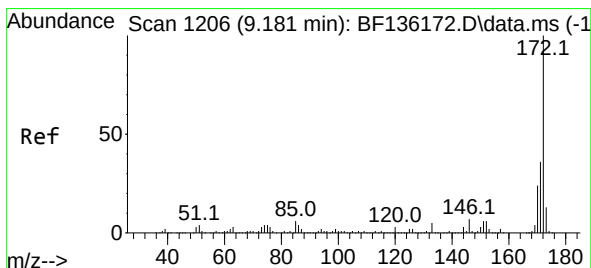
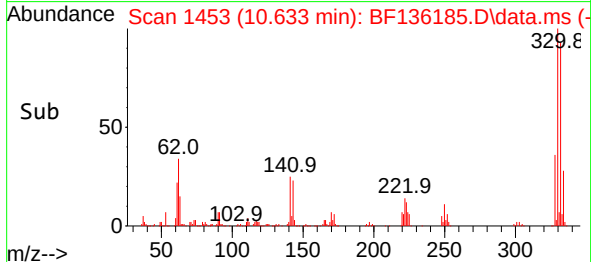
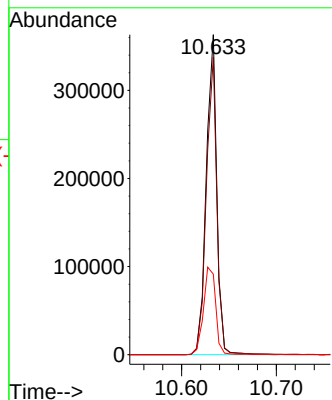
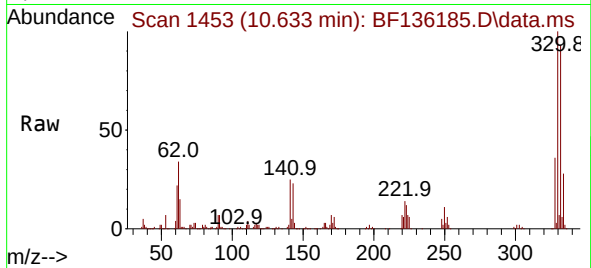




#42
2,4,6-Tribromophenol
Concen: 102.162 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

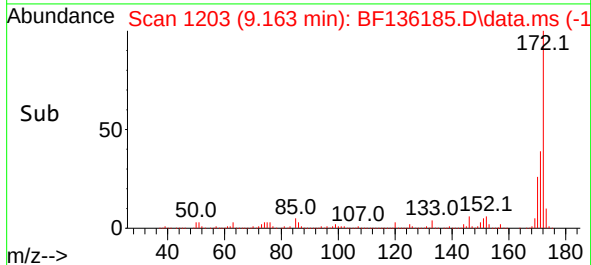
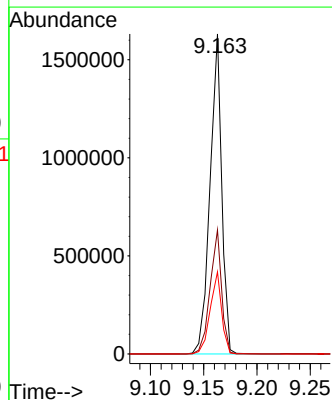
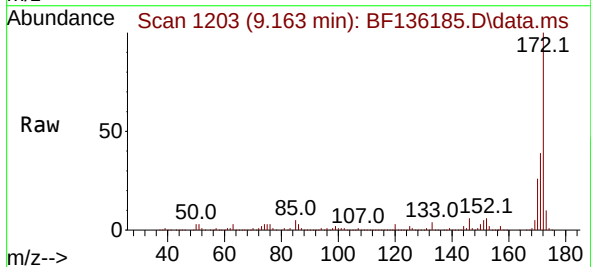
Instrument :
BNA_F
ClientSampleId :
SB-4

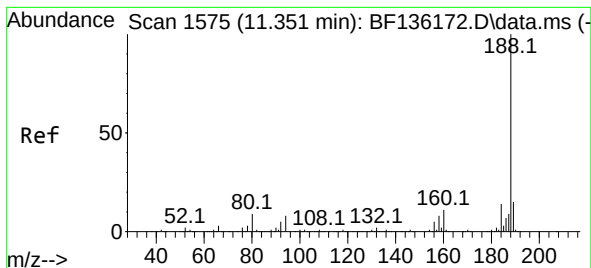
Tgt Ion:330 Resp: 280791
Ion Ratio Lower Upper
330 100
332 93.1 77.6 116.4
141 31.9 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 70.443 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136185.D
Acq: 24 Nov 2023 18:09

Tgt Ion:172 Resp: 1250579
Ion Ratio Lower Upper
172 100
171 38.8 28.9 43.3
170 25.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136185.D

Acq: 24 Nov 2023 18:09

Instrument :

BNA_F

ClientSampleId :

SB-4

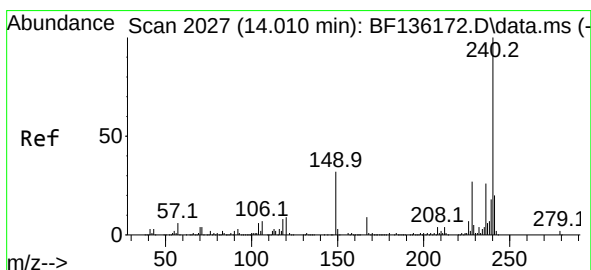
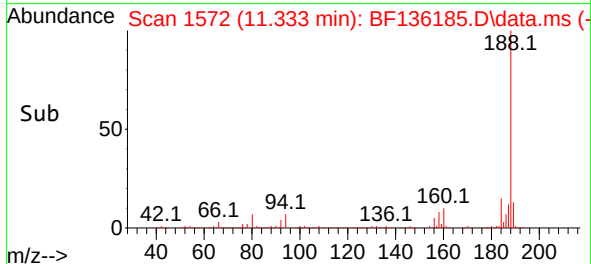
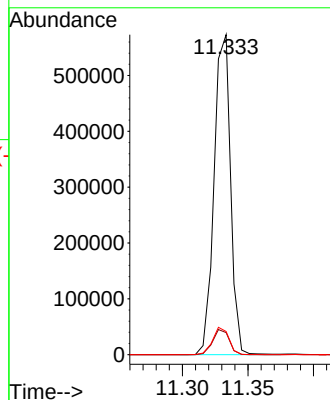
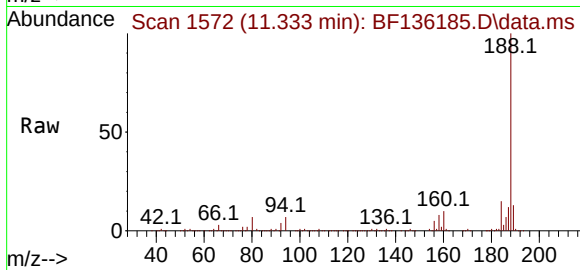
Tgt Ion:188 Resp: 500420

Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 7.3 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: BF136185.D

Acq: 24 Nov 2023 18:09

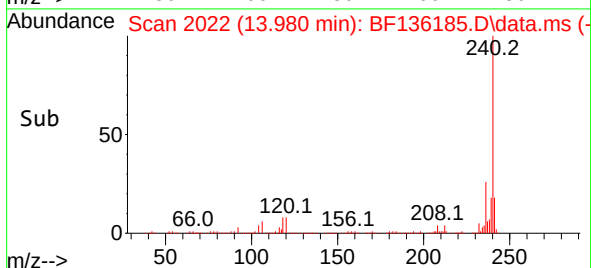
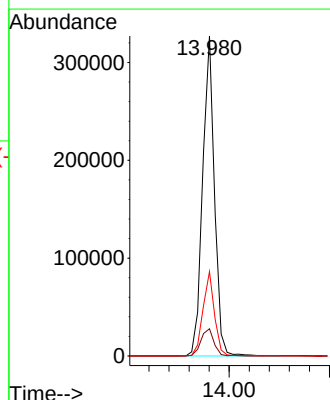
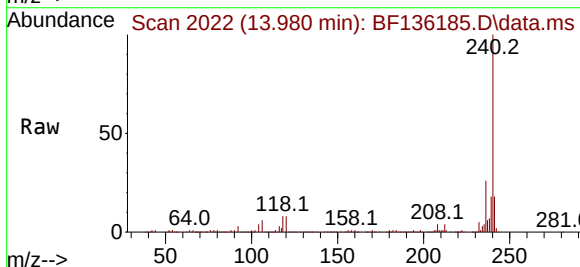
Tgt Ion:240 Resp: 269214

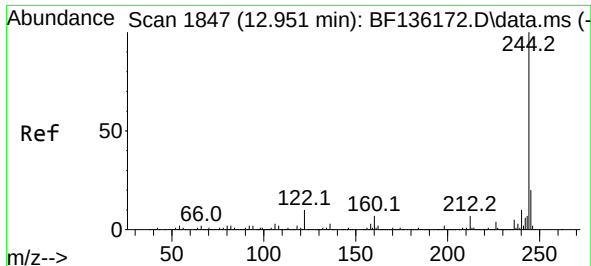
Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

236 26.3 20.9 31.3

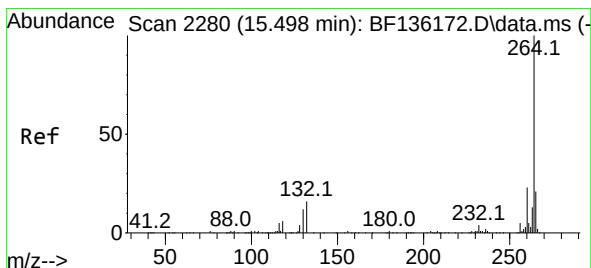
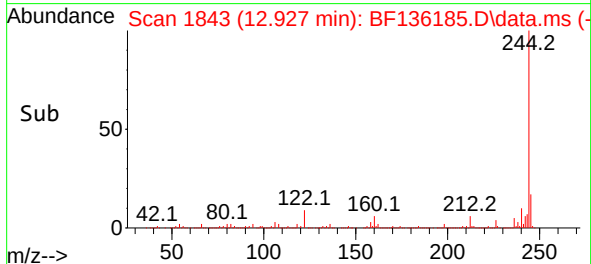
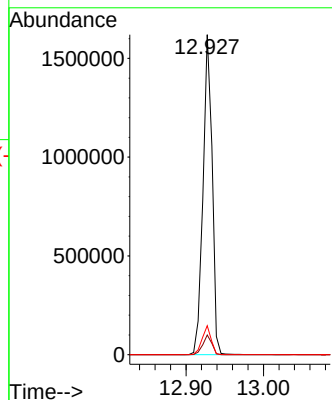
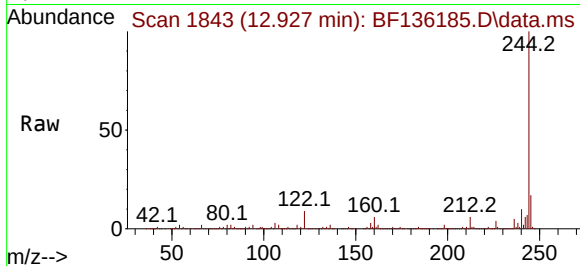




#79
 Terphenyl-d14
 Concen: 69.864 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136185.D
 Acq: 24 Nov 2023 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 1325016
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.0 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136185.D
 Acq: 24 Nov 2023 18:09

Tgt Ion:264 Resp: 252771
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 19.8 16.9 25.3

