

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136117.D
 Acq On : 03 Nov 2023 11:27
 Operator : CG\JU
 Sample : PB156798BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BL

Quant Time: Nov 04 00:06:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	120087	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	473255	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	245019	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	455982	20.000	ng	0.00
76) Chrysene-d12	14.004	240	297324	20.000	ng	-0.01
86) Perylene-d12	15.492	264	249285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	914996	119.733	ng	0.00
7) Phenol-d6	6.457	99	1117982	117.417	ng	0.00
23) Nitrobenzene-d5	7.386	82	713450	90.878	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	342168	130.834	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1332029	86.662	ng	0.00
79) Terphenyl-d14	12.957	244	1553222	81.183	ng	0.00

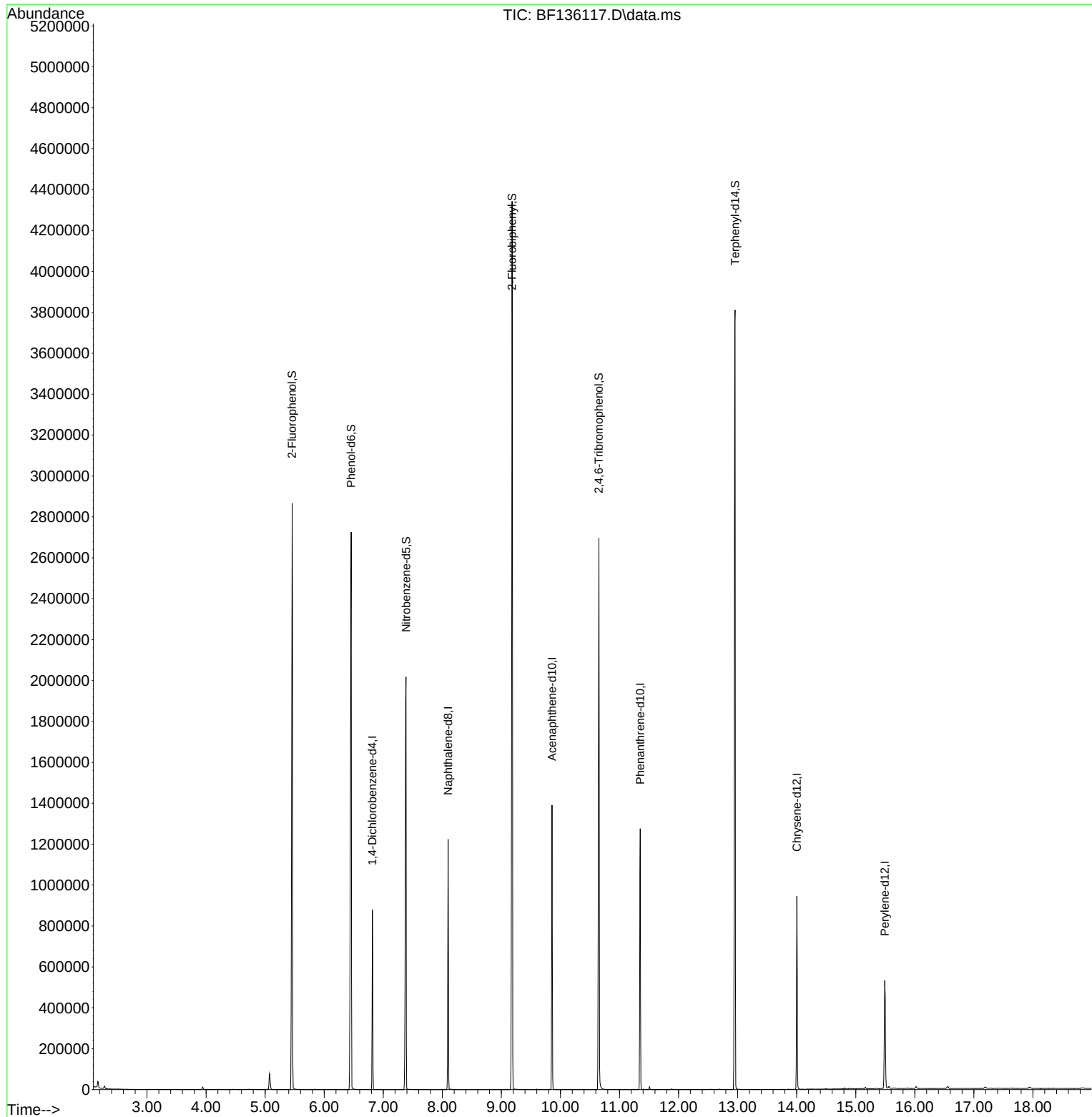
Target Compounds	Qvalue

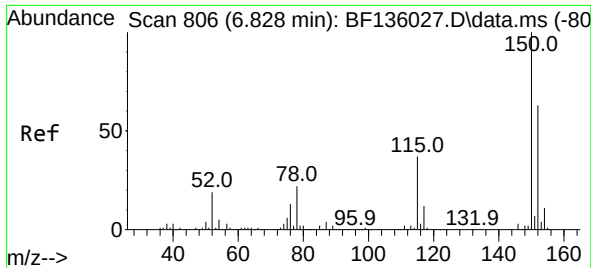
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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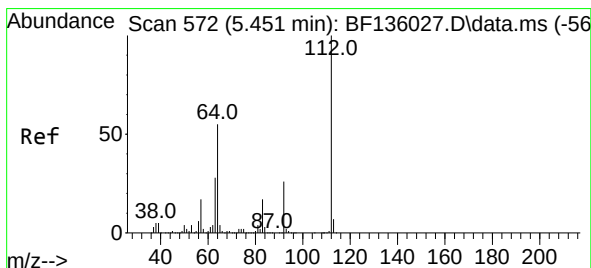
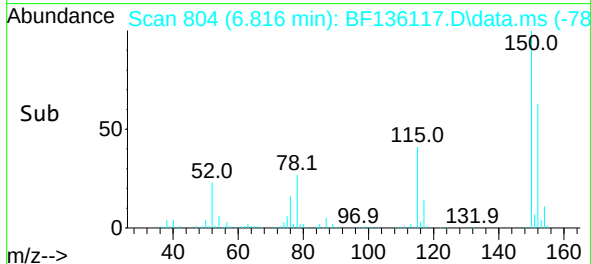
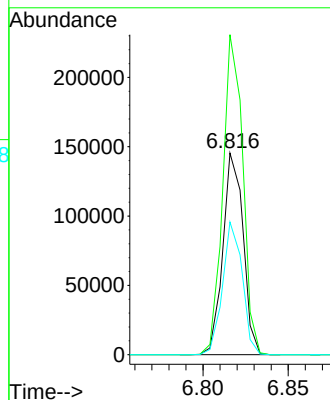
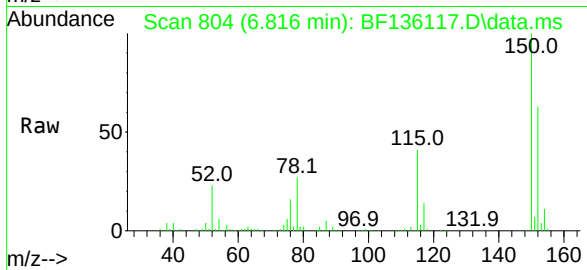




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

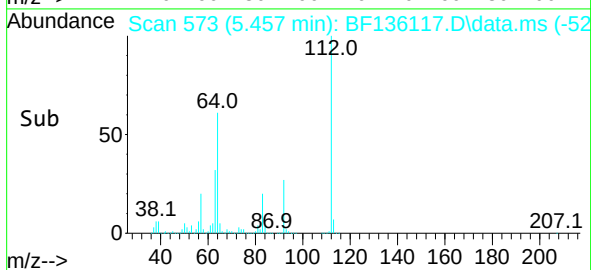
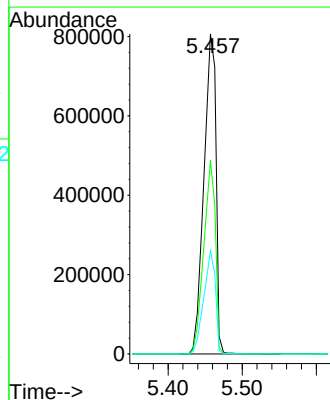
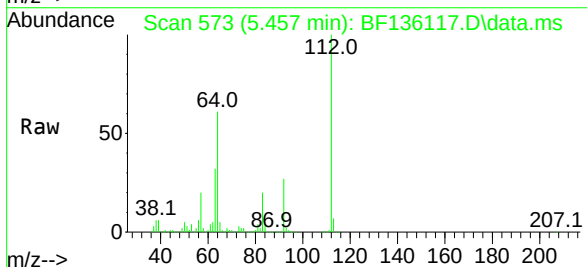
Instrument :
BNA_F
ClientSampleId :
PB156798BL

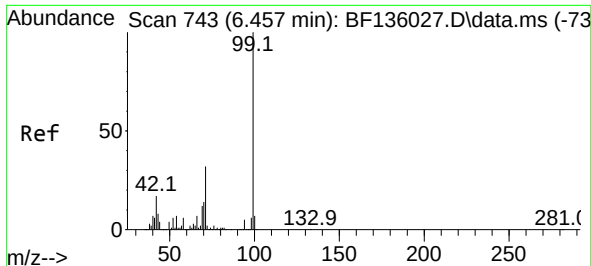
Tgt Ion:152 Resp: 120087
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 65.8 47.0 70.4



#5
2-Fluorophenol
Concen: 119.733 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:112 Resp: 914996
Ion Ratio Lower Upper
112 100
64 60.5 43.9 65.9
63 32.3 22.4 33.6



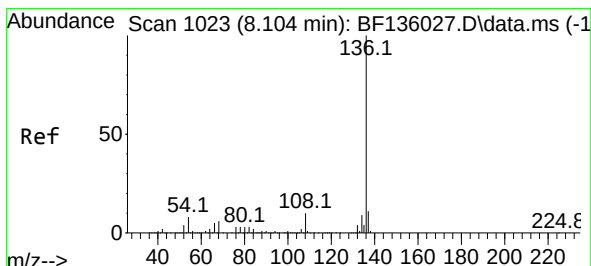
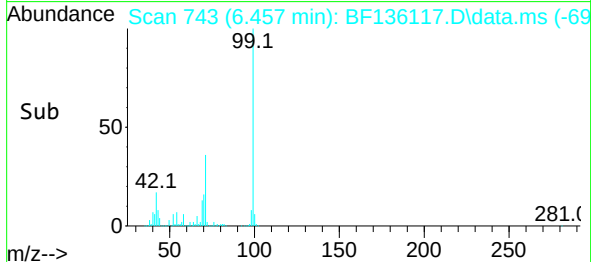
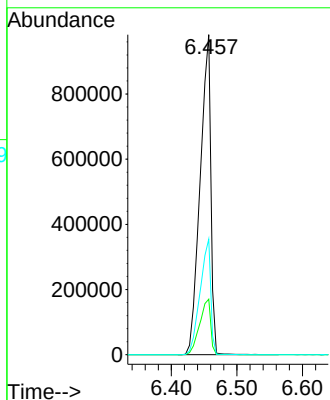
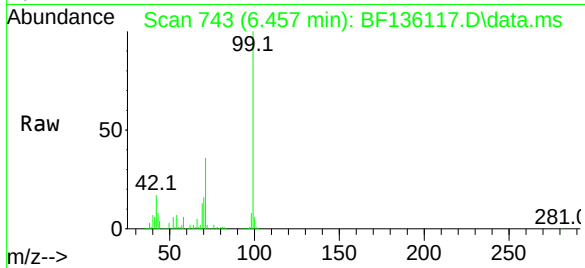


#7
Phenol-d6
Concen: 117.417 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB156798BL

Tgt Ion: 99 Resp: 1117982

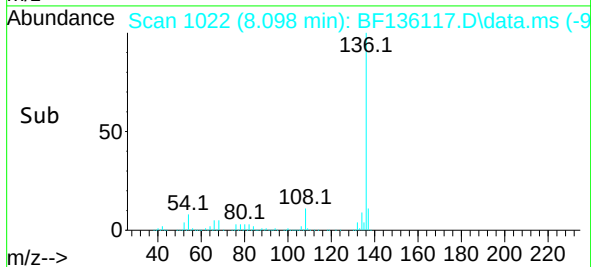
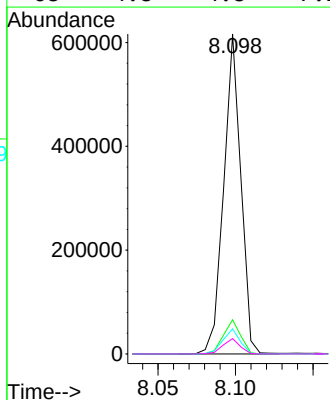
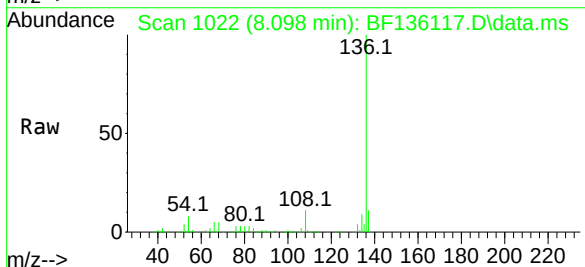
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	36.1	25.9	38.9

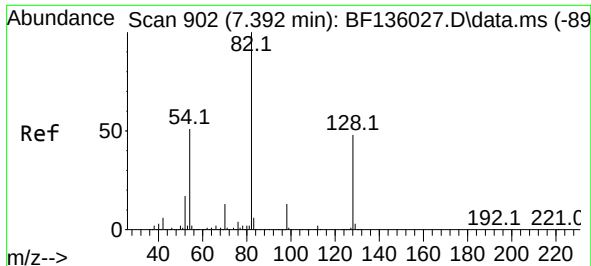


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion: 136 Resp: 473255

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.9	6.6	9.8
68	4.8	4.8	7.2

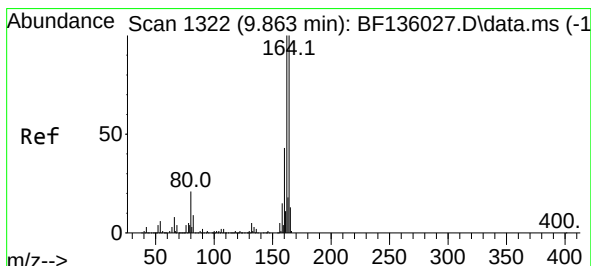
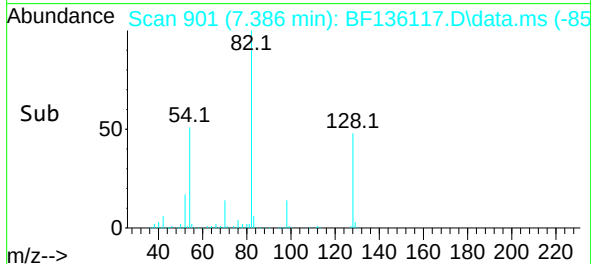
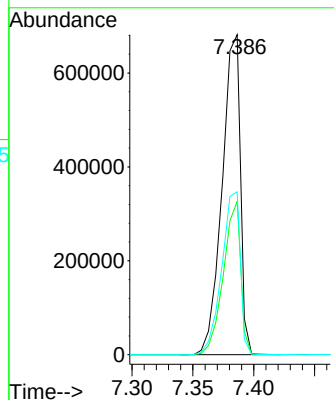
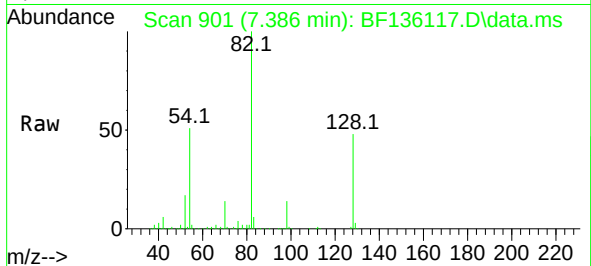




#23
Nitrobenzene-d5
Concen: 90.878 ng
RT: 7.386 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

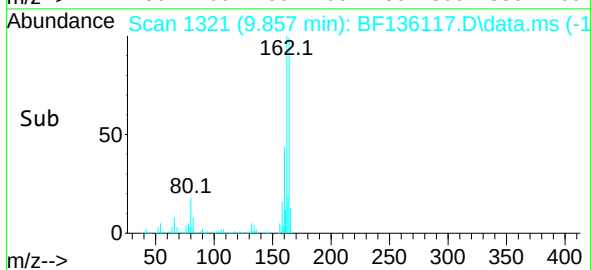
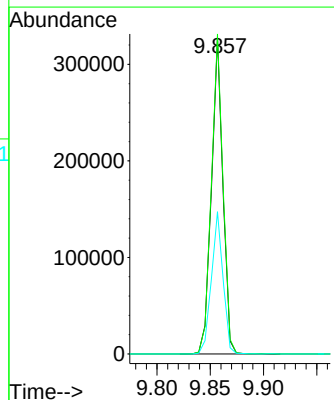
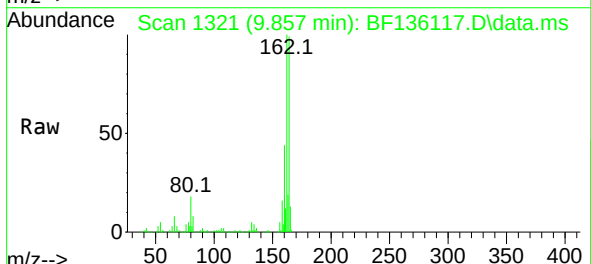
Instrument :
BNA_F
ClientSampleId :
PB156798BL

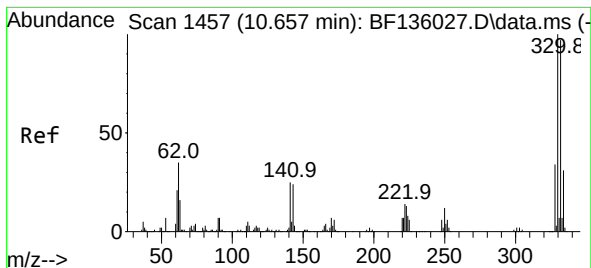
Tgt Ion: 82 Resp: 713450
Ion Ratio Lower Upper
82 100
128 47.9 38.6 57.8
54 50.9 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

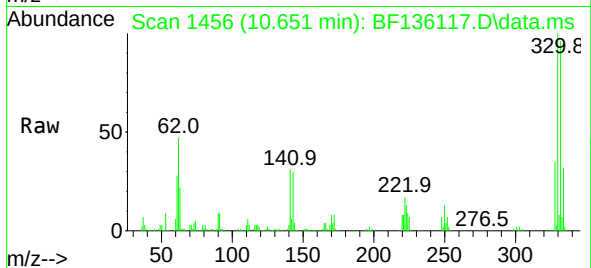
Tgt Ion:164 Resp: 245019
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 44.9 34.8 52.2



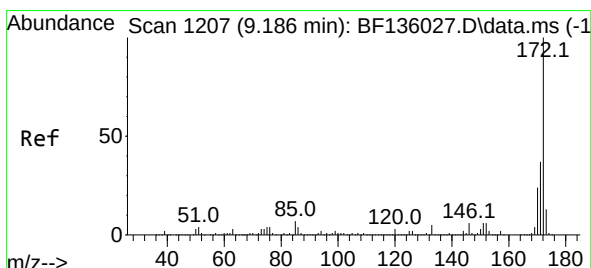
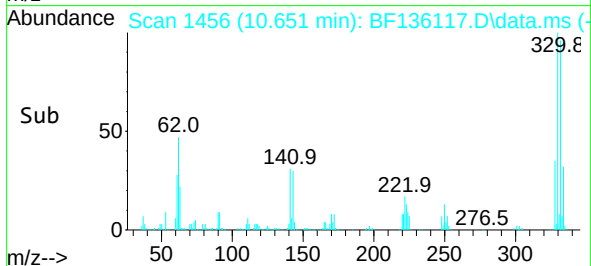
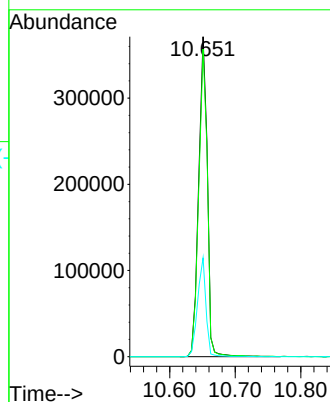


#42
2,4,6-Tribromophenol
Concen: 130.834 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Instrument :
BNA_F
ClientSampleId :
PB156798BL

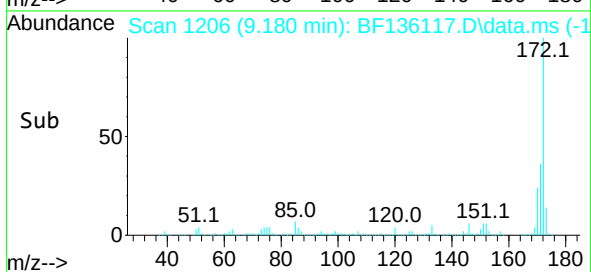
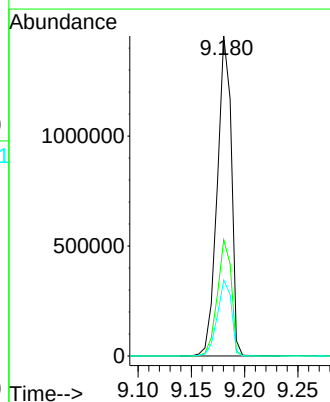
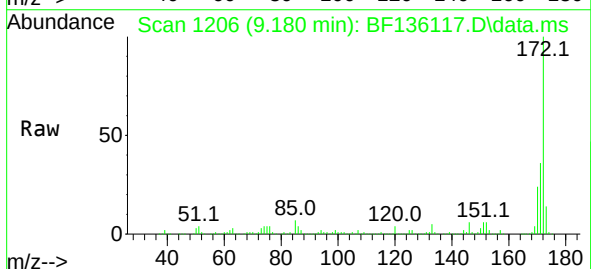


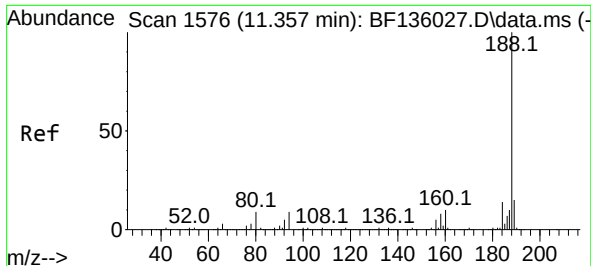
Tgt Ion:330 Resp: 342168
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.2 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 86.662 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

Tgt Ion:172 Resp: 1332029
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.7 19.3 28.9

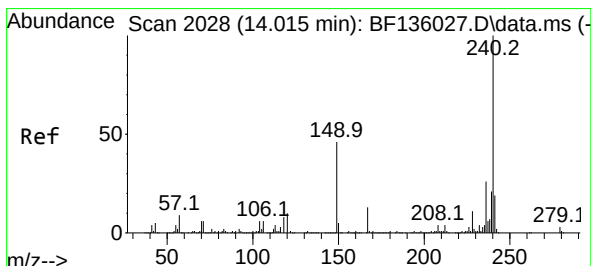
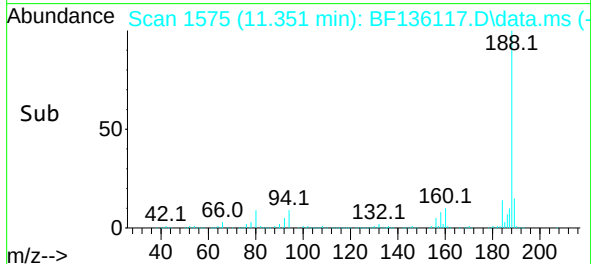
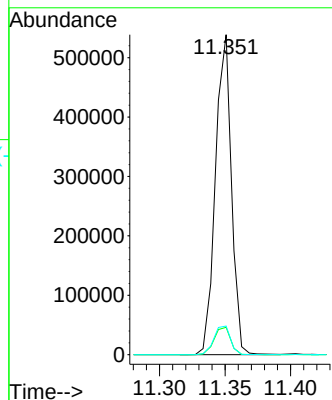
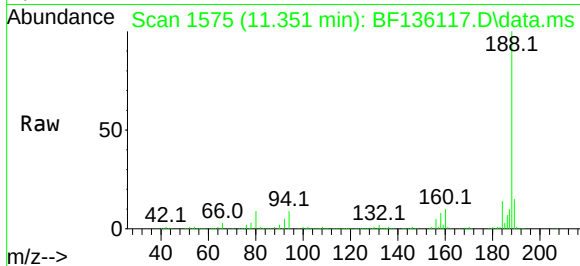




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

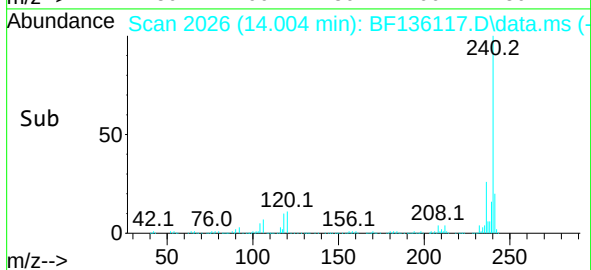
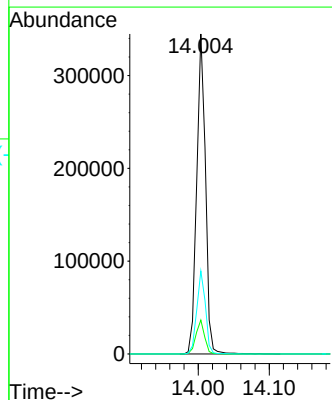
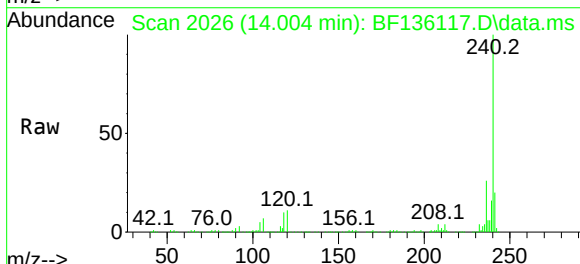
Instrument :
BNA_F
ClientSampleId :
PB156798BL

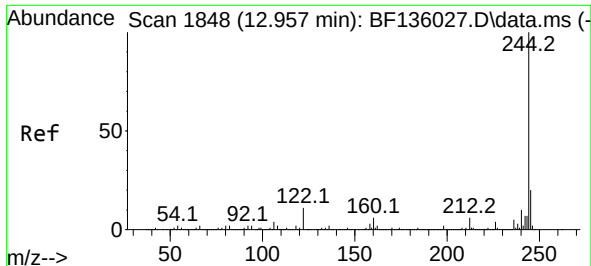
Tgt Ion:188 Resp: 455982
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.9 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136117.D
Acq: 03 Nov 2023 11:27

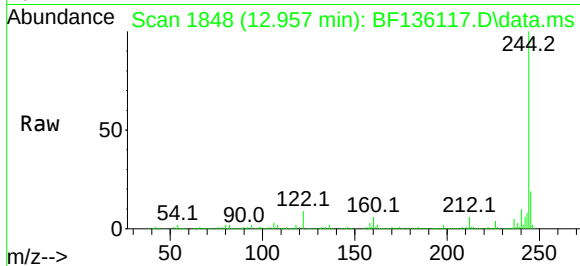
Tgt Ion:240 Resp: 297324
Ion Ratio Lower Upper
240 100
120 10.6 7.6 11.4
236 26.0 20.6 31.0



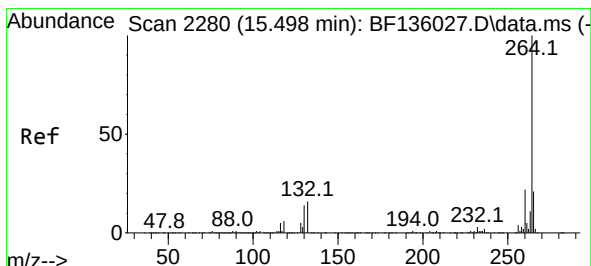
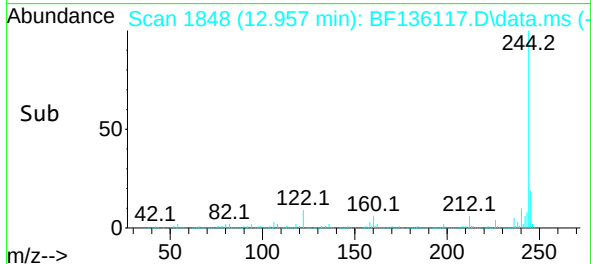
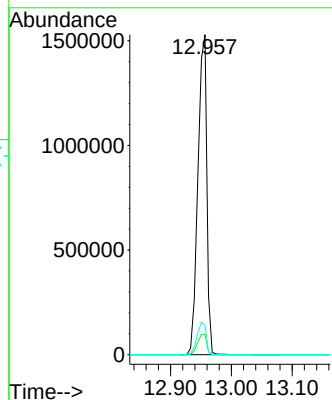


#79
 Terphenyl-d14
 Concen: 81.183 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136117.D
 Acq: 03 Nov 2023 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BL



Tgt Ion:244 Resp: 1553222
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136117.D
 Acq: 03 Nov 2023 11:27

Tgt Ion:264 Resp: 249285
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.9 26.9
 265 21.0 16.8 25.2

