

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136095.D
 Acq On : 02 Nov 2023 14:54
 Operator : CG\JU
 Sample : PB156561BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156561BL

Quant Time: Nov 02 15:31:29 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	131331	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	525693	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	278696	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	524456	20.000	ng	0.00
76) Chrysene-d12	14.004	240	306887	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	266032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1087949	130.176	ng	0.00
7) Phenol-d6	6.457	99	1351831	129.822	ng	0.00
23) Nitrobenzene-d5	7.381	82	840901	96.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	428759	144.133	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1578540	90.290	ng	0.00
79) Terphenyl-d14	12.957	244	1876447	95.021	ng	0.00

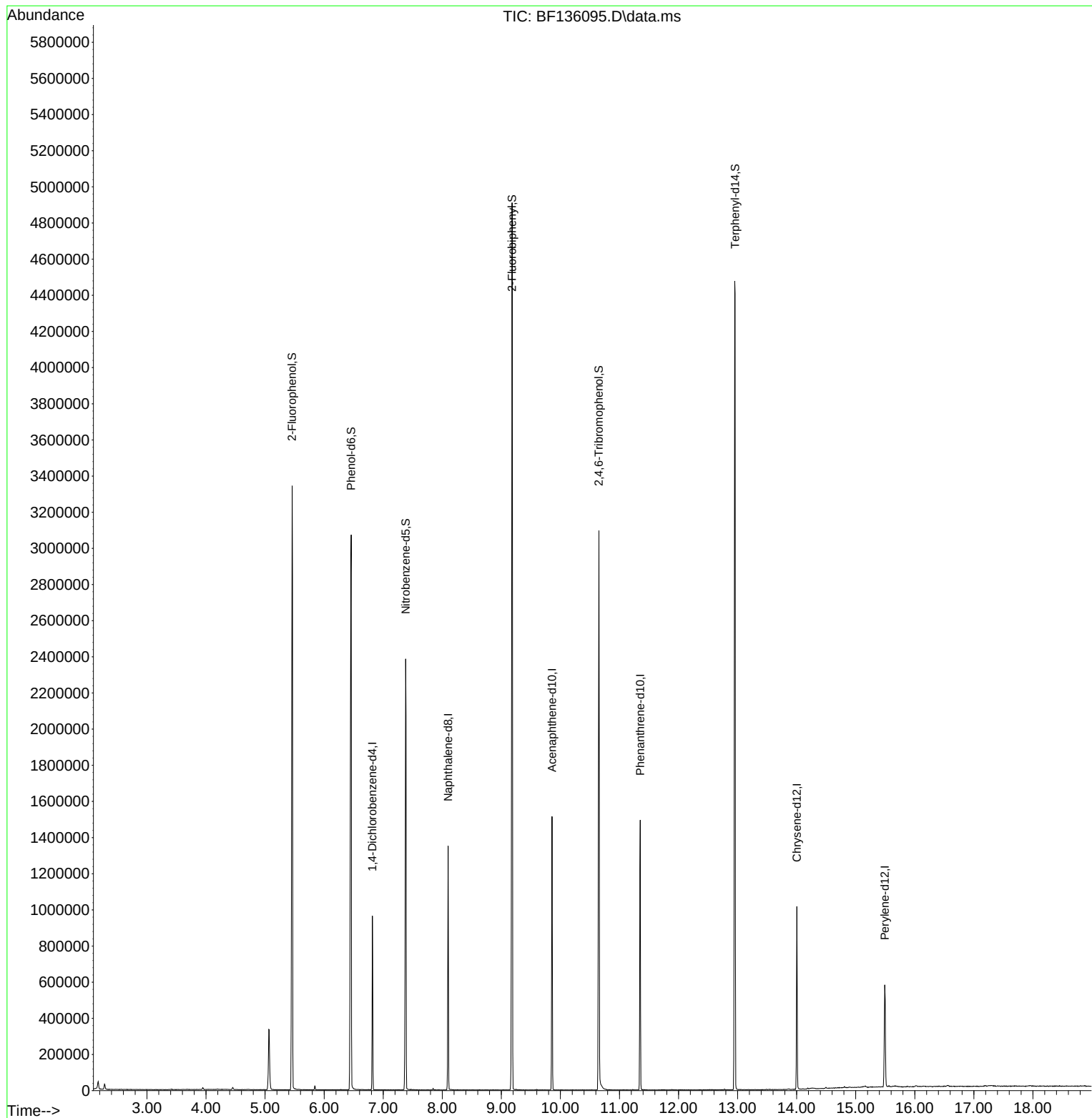
Target Compounds	Qvalue

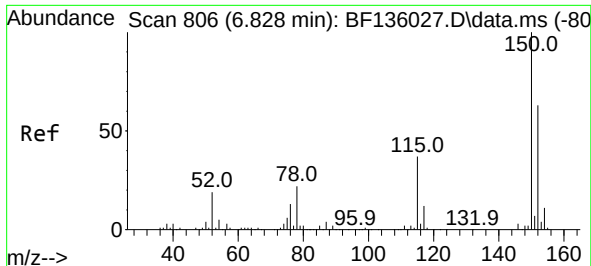
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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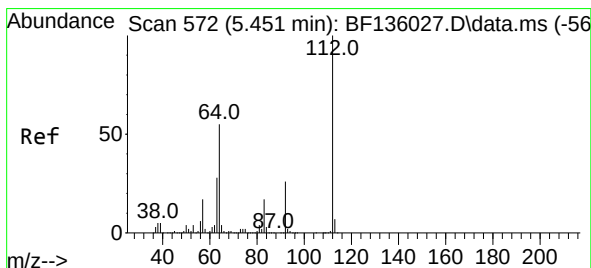
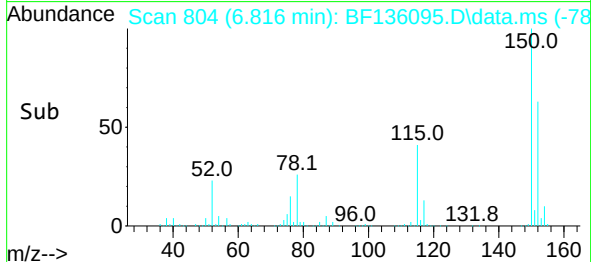
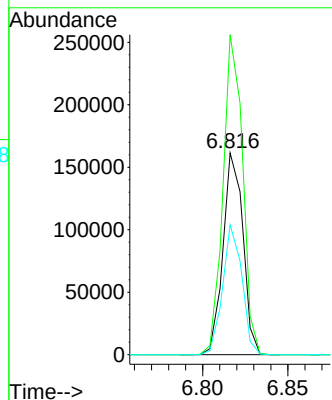
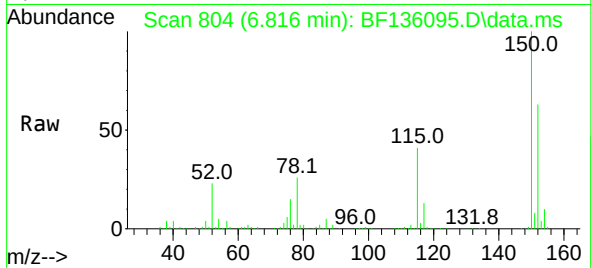




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

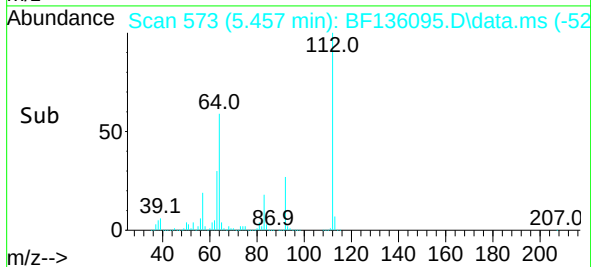
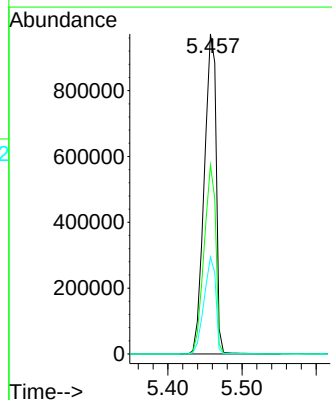
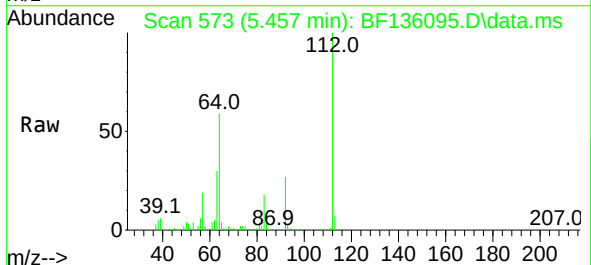
Instrument :
BNA_F
ClientSampleId :
PB156561BL

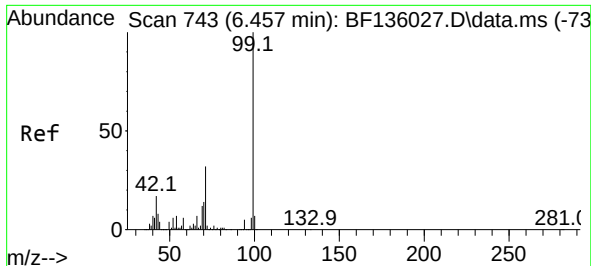
Tgt Ion:152 Resp: 131331
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 64.3 47.0 70.4



#5
2-Fluorophenol
Concen: 130.176 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

Tgt Ion:112 Resp: 1087949
Ion Ratio Lower Upper
112 100
64 59.1 43.9 65.9
63 30.3 22.4 33.6



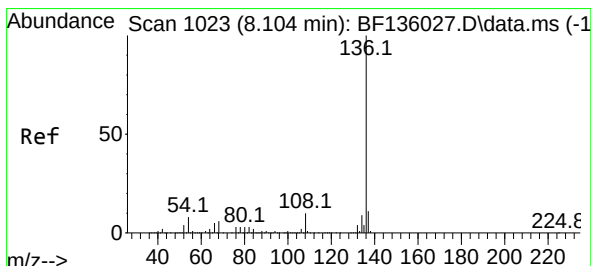
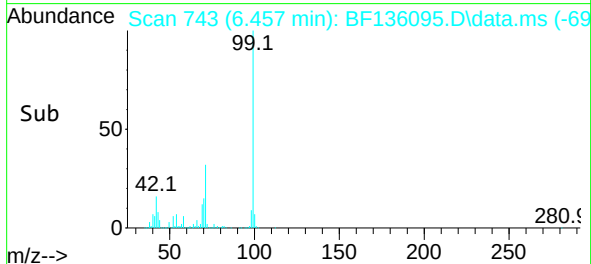
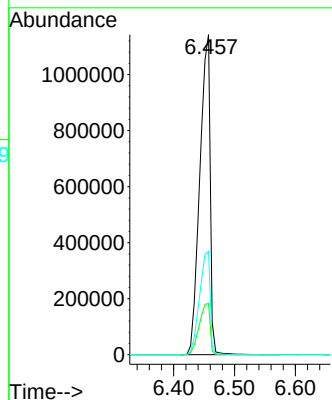
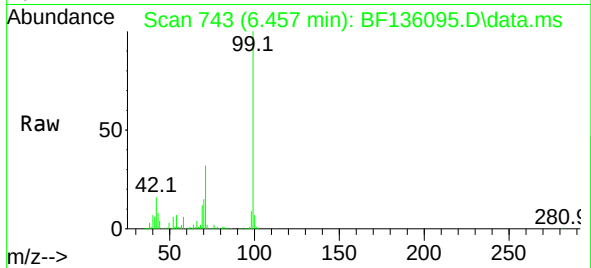


#7
Phenol-d6
Concen: 129.822 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

Instrument :
BNA_F
ClientSampleId :
PB156561BL

Tgt Ion: 99 Resp: 1351831

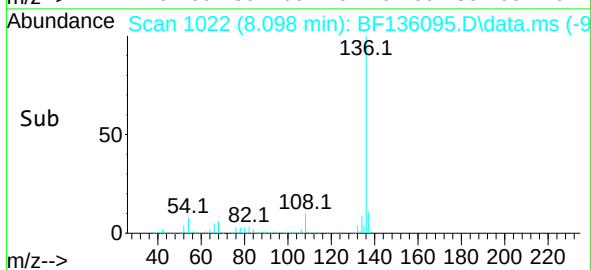
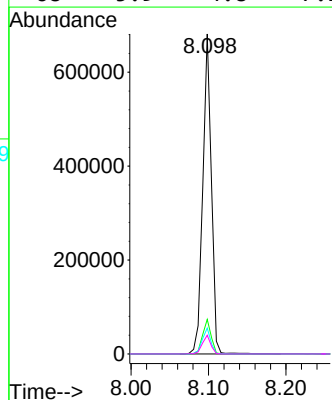
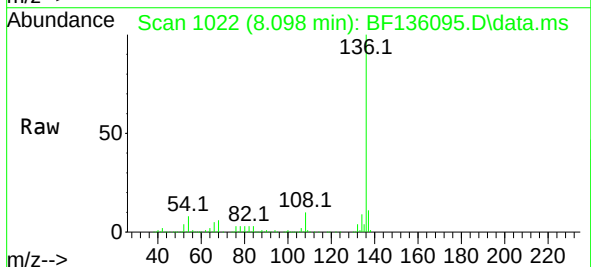
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.7	20.5
71	32.3	25.9	38.9

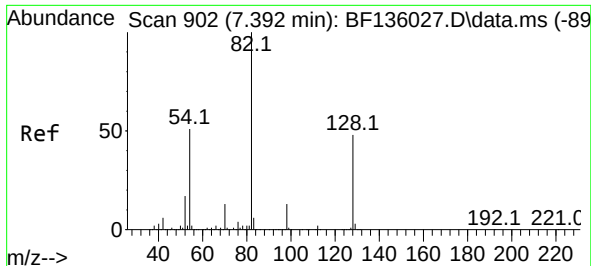


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

Tgt Ion: 136 Resp: 525693

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	6.6	9.8
68	5.9	4.8	7.2





#23

Nitrobenzene-d5

Concen: 96.428 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136095.D

Acq: 02 Nov 2023 14:54

Instrument :

BNA_F

ClientSampleId :

PB156561BL

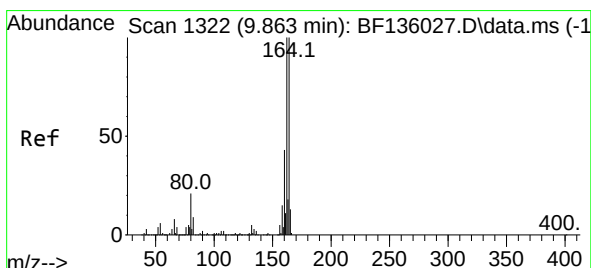
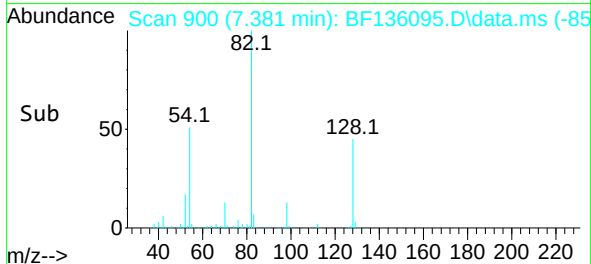
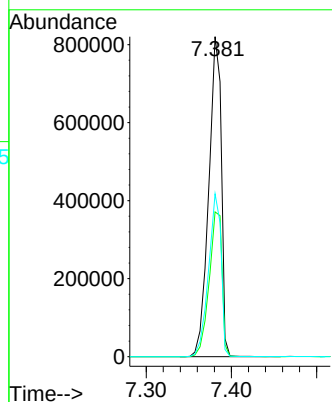
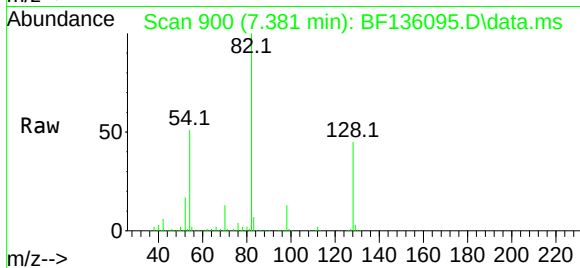
Tgt Ion: 82 Resp: 840901

Ion Ratio Lower Upper

82 100

128 45.3 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: BF136095.D

Acq: 02 Nov 2023 14:54

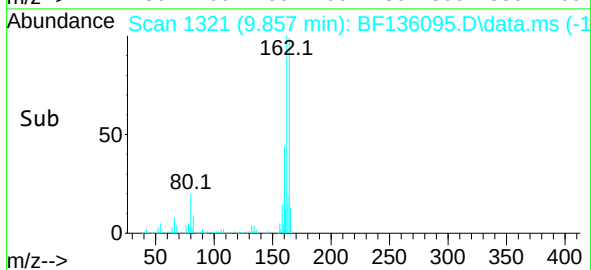
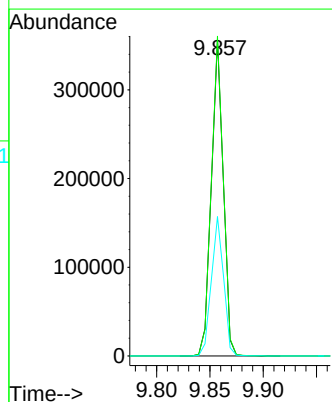
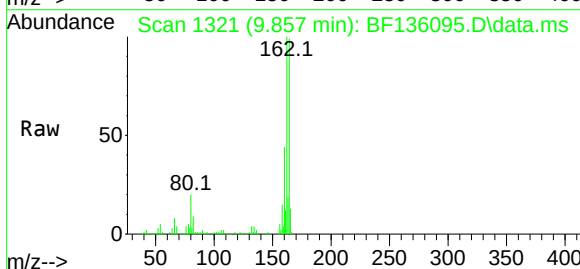
Tgt Ion:164 Resp: 278696

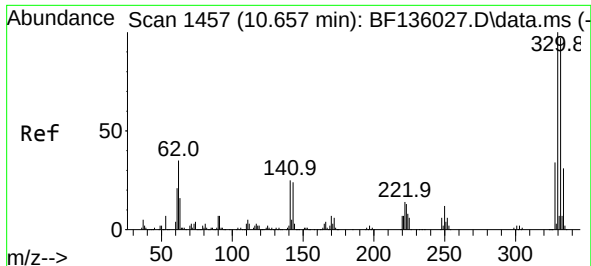
Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

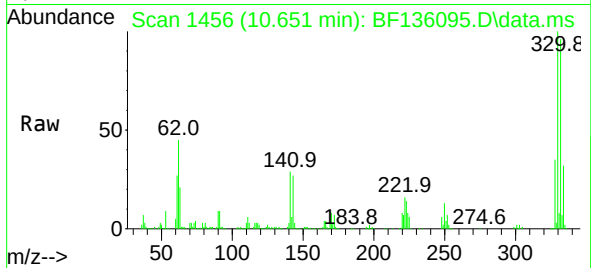
160 44.0 34.8 52.2



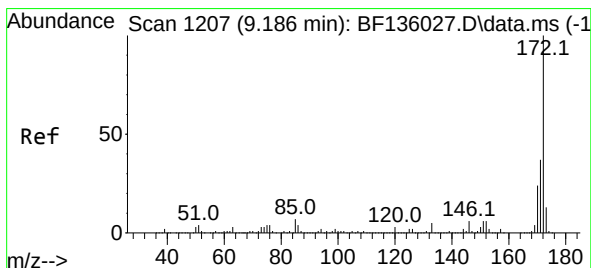
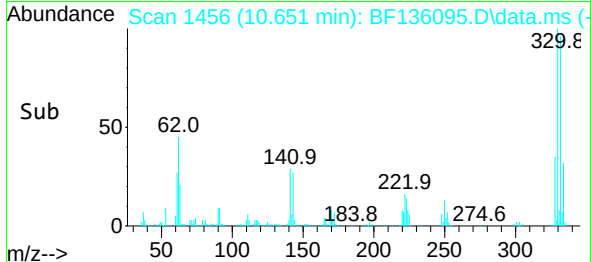
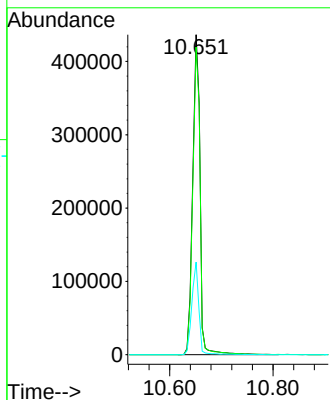


#42
2,4,6-Tribromophenol
Concen: 144.133 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

Instrument :
BNA_F
ClientSampleId :
PB156561BL

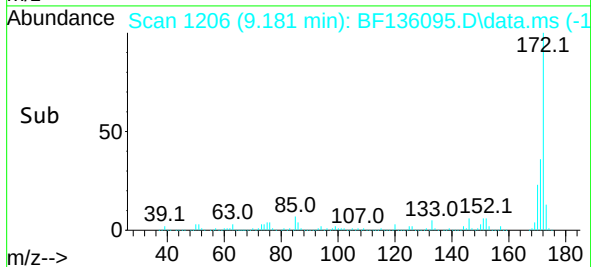
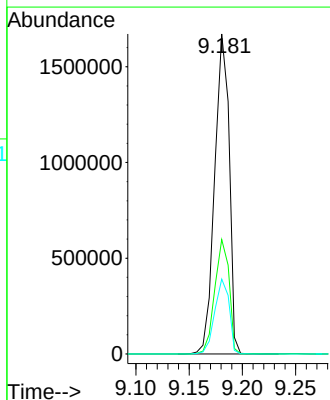
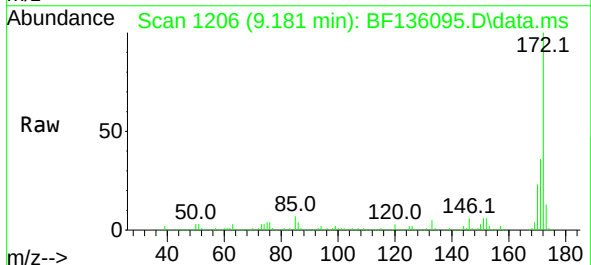


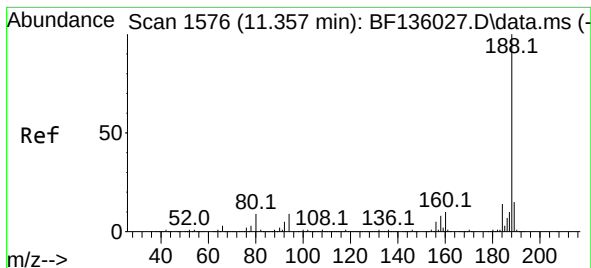
Tgt Ion:330 Resp: 428759
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 27.8 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 90.290 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136095.D
Acq: 02 Nov 2023 14:54

Tgt Ion:172 Resp: 1578540
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136095.D

Acq: 02 Nov 2023 14:54

Instrument :

BNA_F

ClientSampleId :

PB156561BL

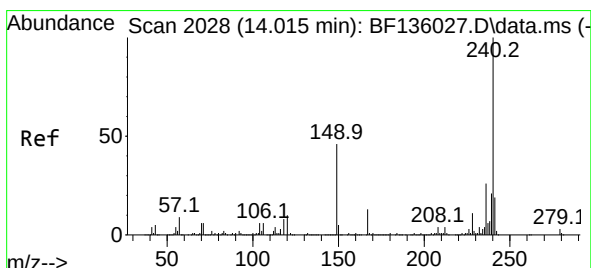
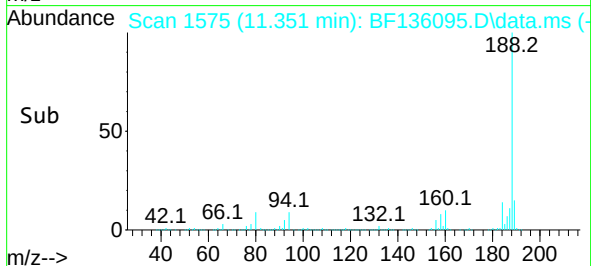
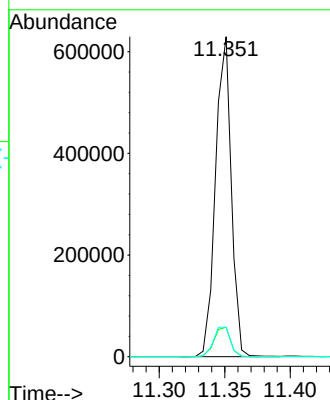
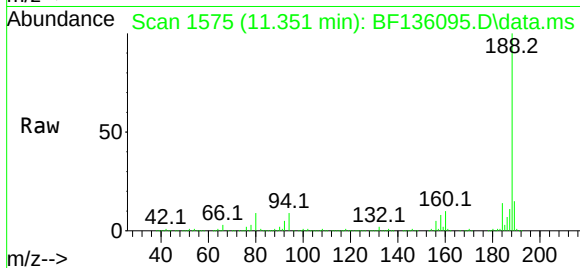
Tgt Ion:188 Resp: 524456

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.2 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: BF136095.D

Acq: 02 Nov 2023 14:54

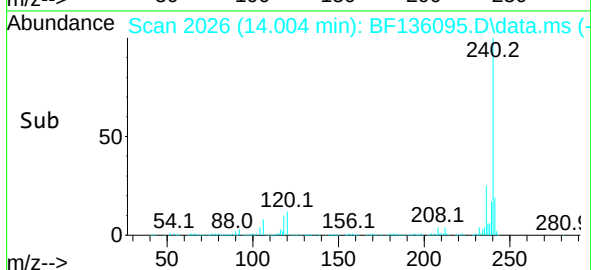
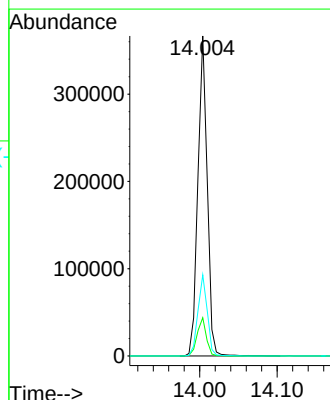
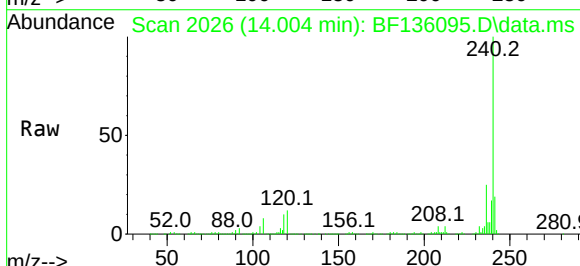
Tgt Ion:240 Resp: 306887

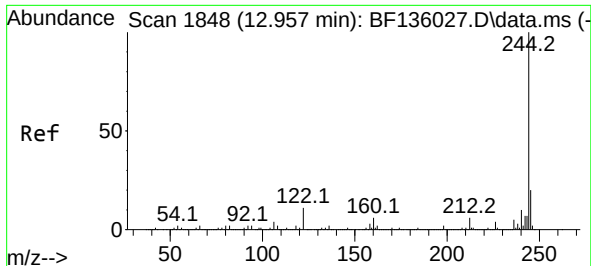
Ion Ratio Lower Upper

240 100

120 11.9 7.6 11.4#

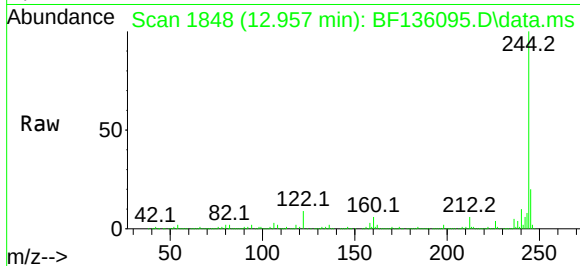
236 25.3 20.6 31.0



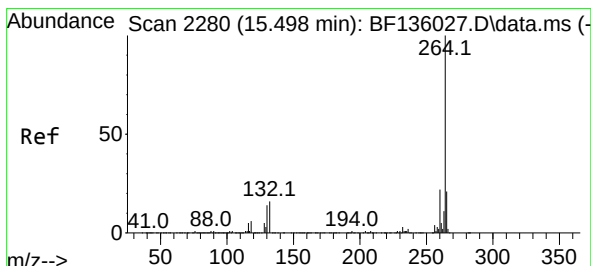
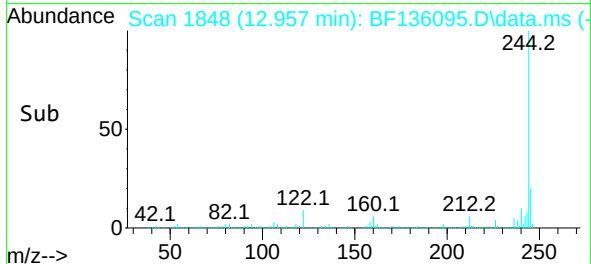
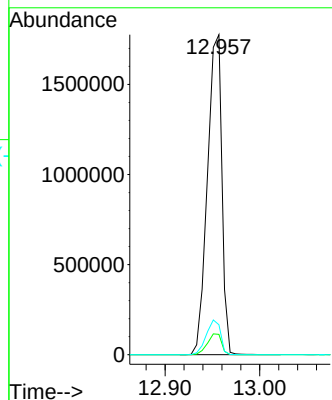


#79
 Terphenyl-d14
 Concen: 95.021 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136095.D
 Acq: 02 Nov 2023 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB156561BL



Tgt Ion:244 Resp: 1876447
 Ion Ratio Lower Upper
 244 100
 212 6.4 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: BF136095.D
 Acq: 02 Nov 2023 14:54

Tgt Ion:264 Resp: 266032
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.9 26.9
 265 21.3 16.8 25.2

