

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131401.D
 Acq On : 25 Nov 2022 18:10
 Operator : CG\JU
 Sample : N5741-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Nov 26 00:10:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	92389	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	330946	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	187111	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	333839	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	203121	20.000	ng	-0.01
86) Perylene-d12	15.698	264	175638	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	334396	68.886	ng	0.00
7) Phenol-d6	6.563	99	265262	42.828	ng	-0.02
23) Nitrobenzene-d5	7.522	82	568412	86.579	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	238999	151.825	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1016693	79.050	ng	0.00
79) Terphenyl-d14	13.104	244	1108588	89.249	ng	0.00

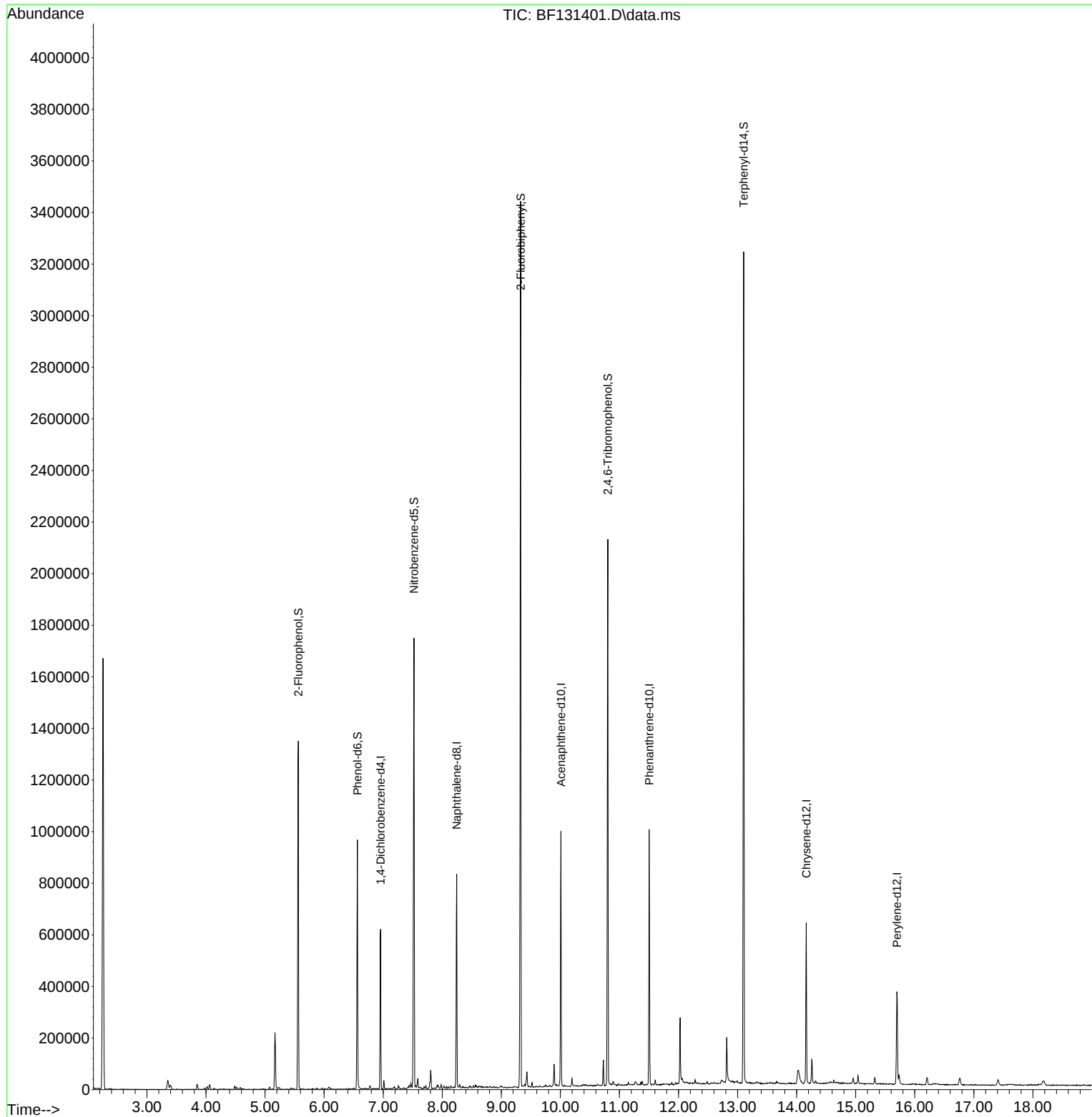
Target Compounds	Qvalue

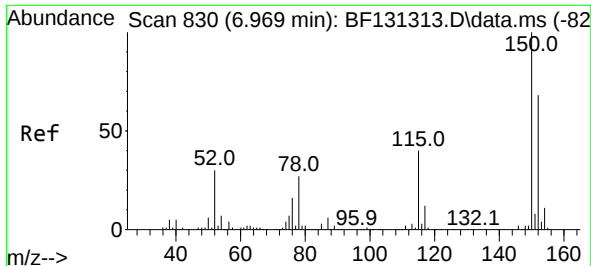
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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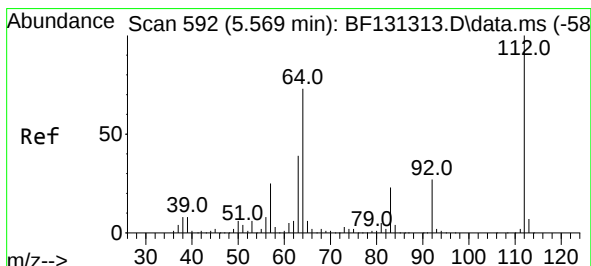
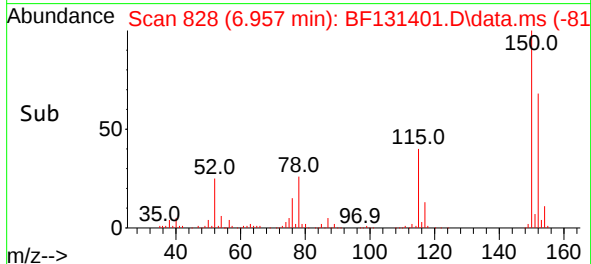
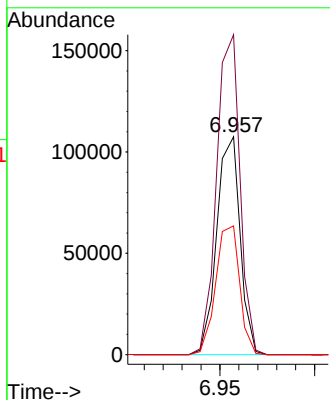
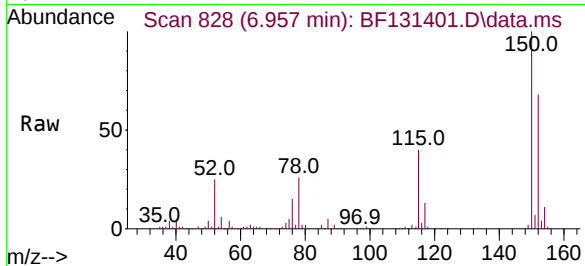




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

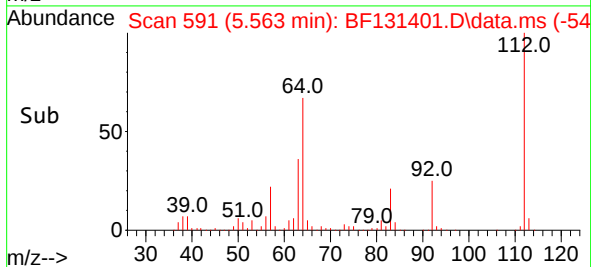
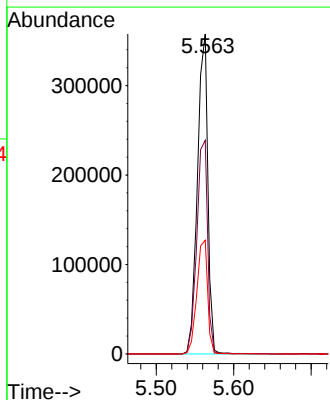
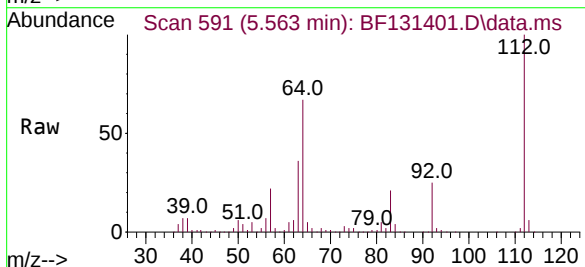
Instrument :
 BNA_F
 ClientSampleId :
 MW-26

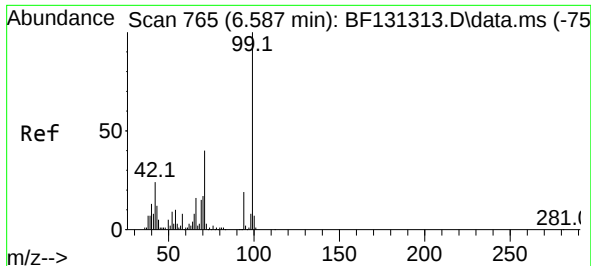
Tgt Ion:152 Resp: 92389
 Ion Ratio Lower Upper
 152 100
 150 146.9 117.8 176.8
 115 59.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 68.886 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.000 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

Tgt Ion:112 Resp: 334396
 Ion Ratio Lower Upper
 112 100
 64 66.8 58.6 88.0
 63 35.5 31.4 47.0





#7
Phenol-d6
Concen: 42.828 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

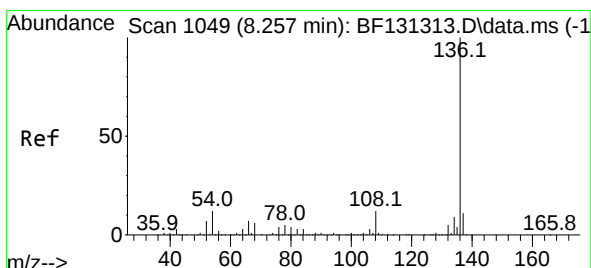
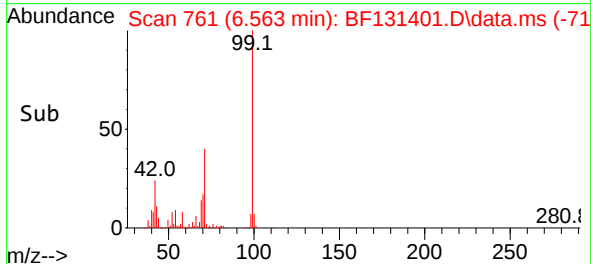
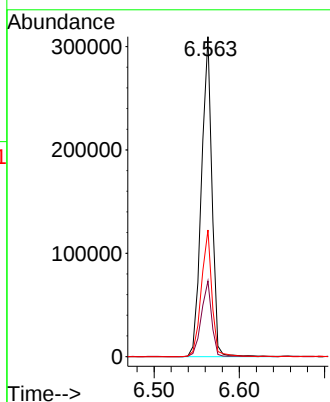
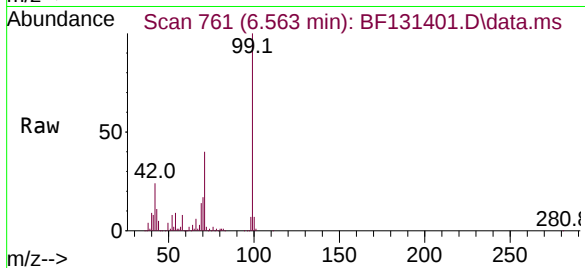
Instrument :

BNA_F

ClientSampleId :

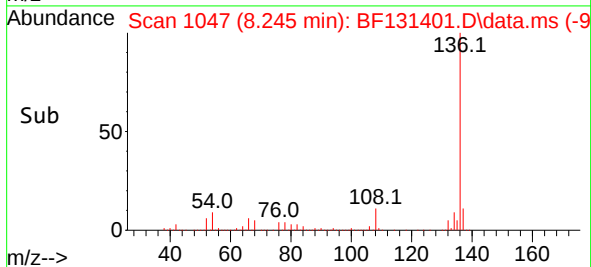
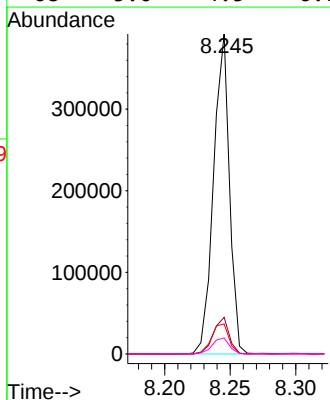
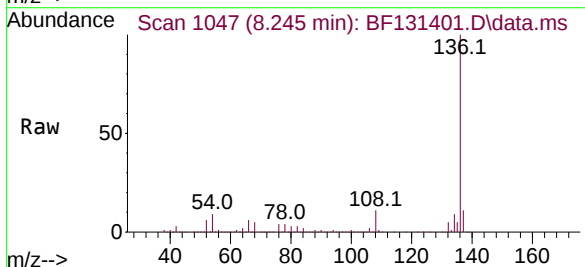
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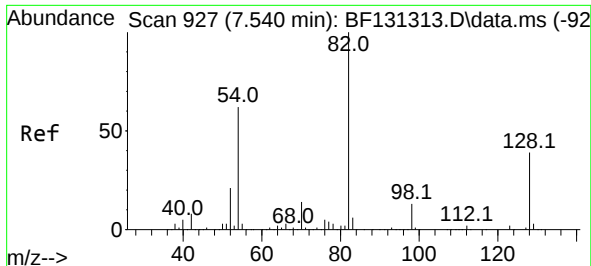
Tgt Ion: 99 Resp: 265262
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 39.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Tgt Ion: 136 Resp: 330946
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 9.4 14.0
68 5.0 4.5 6.7

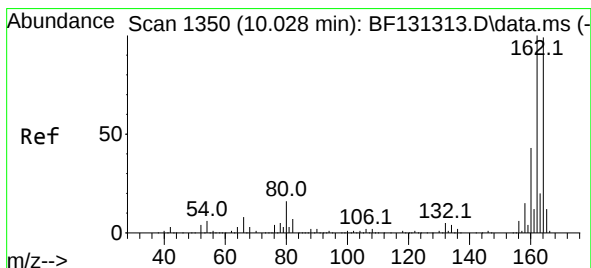
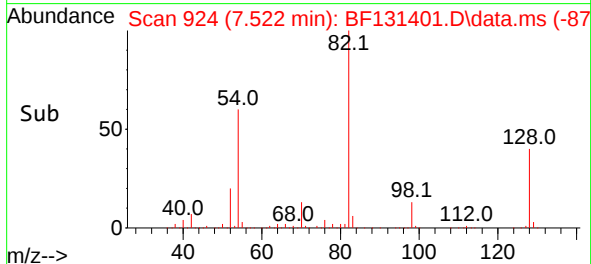
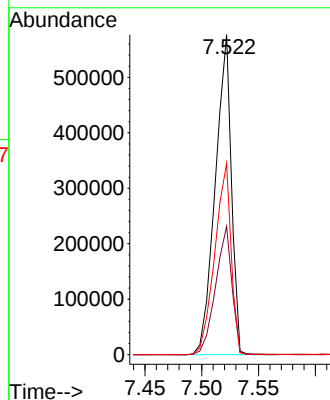
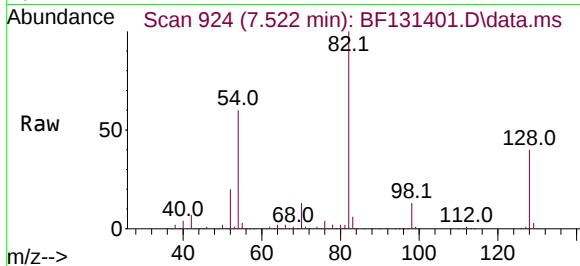




#23
Nitrobenzene-d5
Concen: 86.579 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

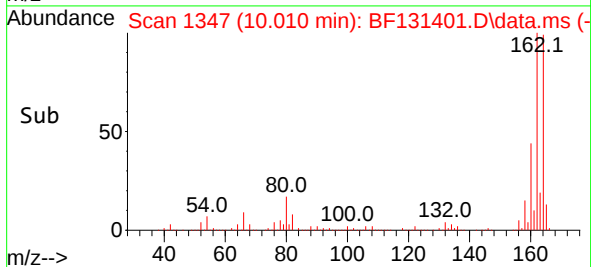
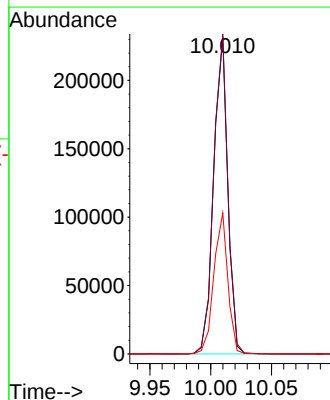
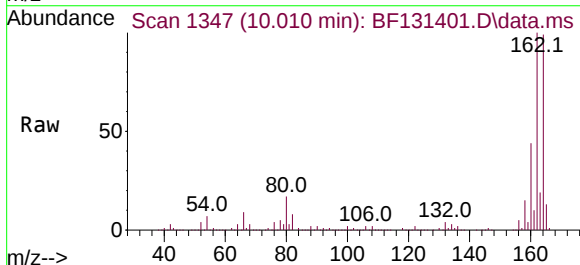
Instrument :
BNA_F
ClientSampleId :
MW-26

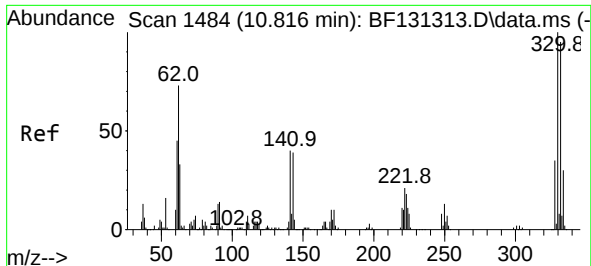
Tgt Ion: 82 Resp: 568412
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.0
54 59.7 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131401.D
Acq: 25 Nov 2022 18:10

Tgt Ion: 164 Resp: 187111
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 151.825 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MW-26

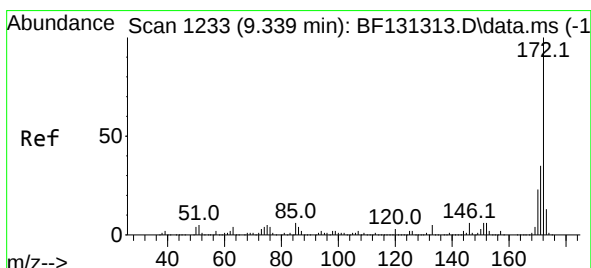
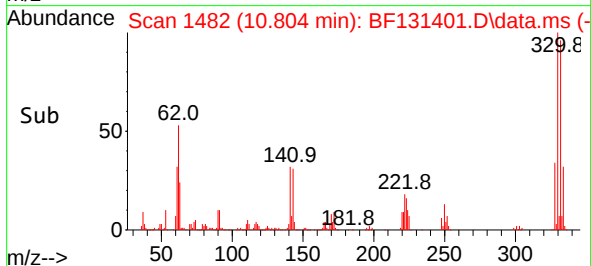
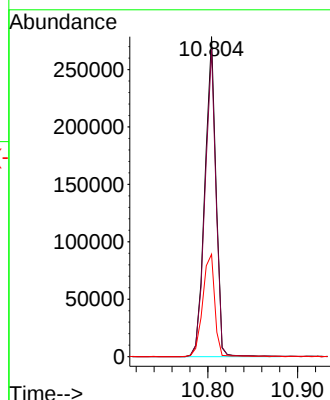
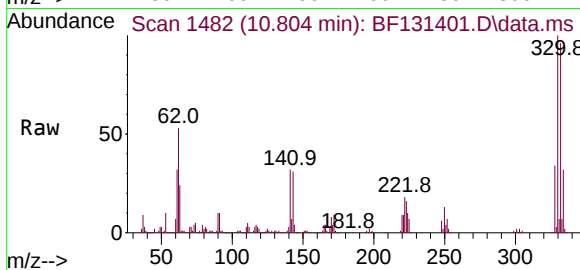
Tgt Ion:330 Resp: 238999

Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 34.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 79.050 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

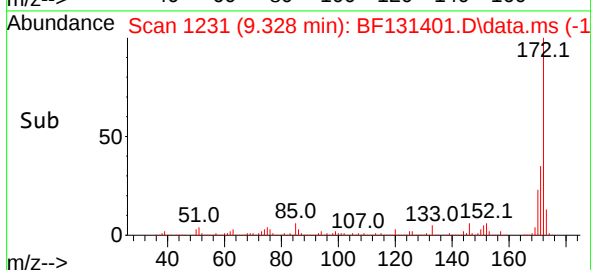
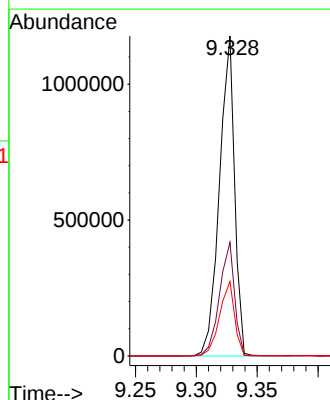
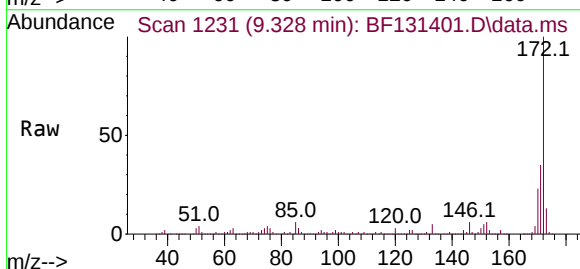
Tgt Ion:172 Resp: 1016693

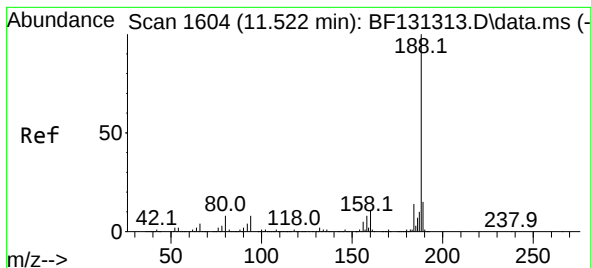
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

Instrument :

BNA_F

ClientSampleId :

MW-26

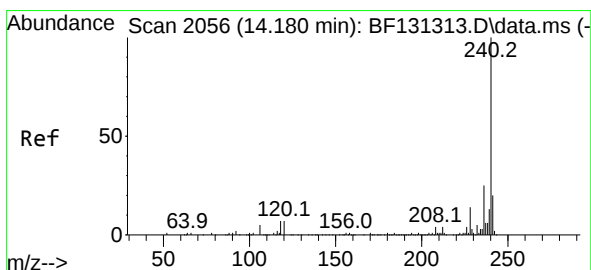
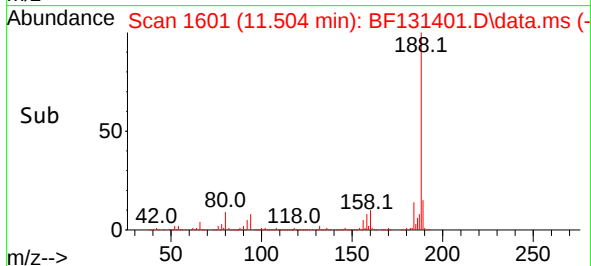
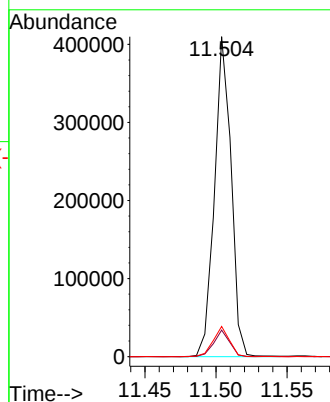
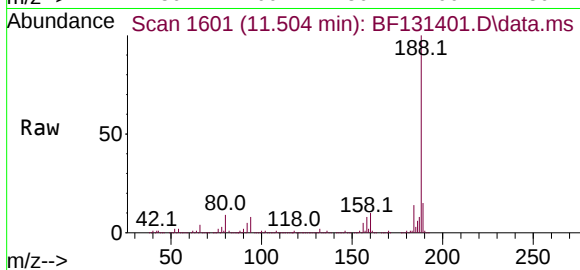
Tgt Ion:188 Resp: 333839

Ion Ratio Lower Upper

188 100

94 8.3 6.3 9.5

80 9.4 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131401.D

Acq: 25 Nov 2022 18:10

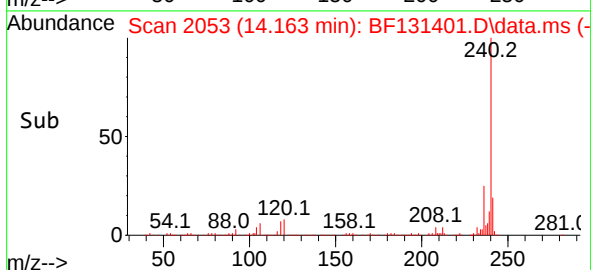
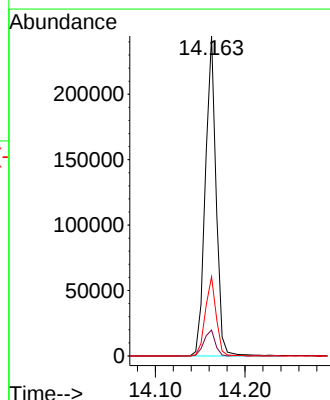
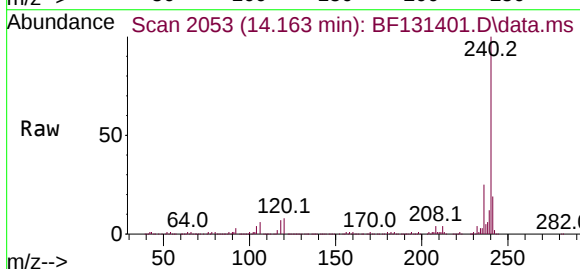
Tgt Ion:240 Resp: 203121

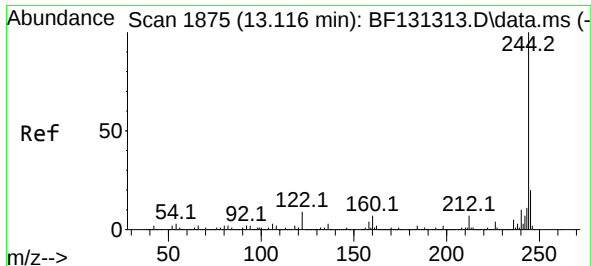
Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.8

236 24.7 20.3 30.5

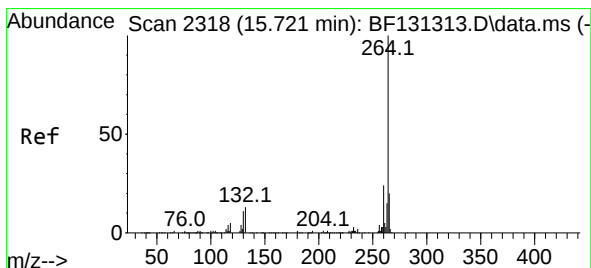
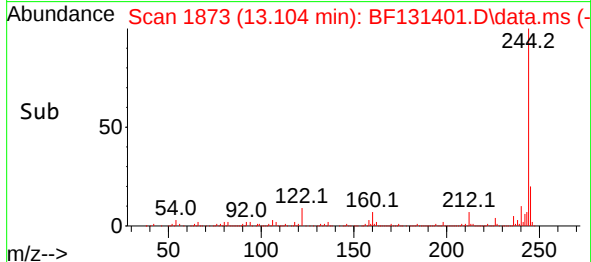
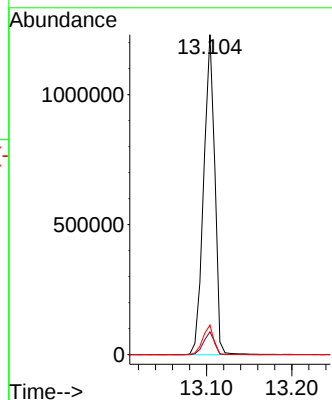
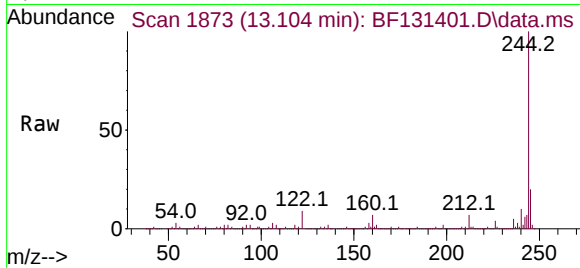




#79
 Terphenyl-d14
 Concen: 89.249 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tgt Ion:244 Resp: 1108588
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.012 min
 Lab File: BF131401.D
 Acq: 25 Nov 2022 18:10

Tgt Ion:264 Resp: 175638
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 20.3 16.4 24.6

