

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131396.D
 Acq On : 25 Nov 2022 15:06
 Operator : CG\JU
 Sample : N5741-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: Nov 26 00:00:53 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	96077	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	347992	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	191968	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	329290	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	179988	20.000	ng	-0.01
86) Perylene-d12	15.704	264	183082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	361859	71.682	ng	0.00
7) Phenol-d6	6.563	99	290038	45.031	ng	-0.02
23) Nitrobenzene-d5	7.522	82	593003	85.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	251089	155.469	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1056463	80.064	ng	0.00
79) Terphenyl-d14	13.104	244	991007	90.037	ng	0.00

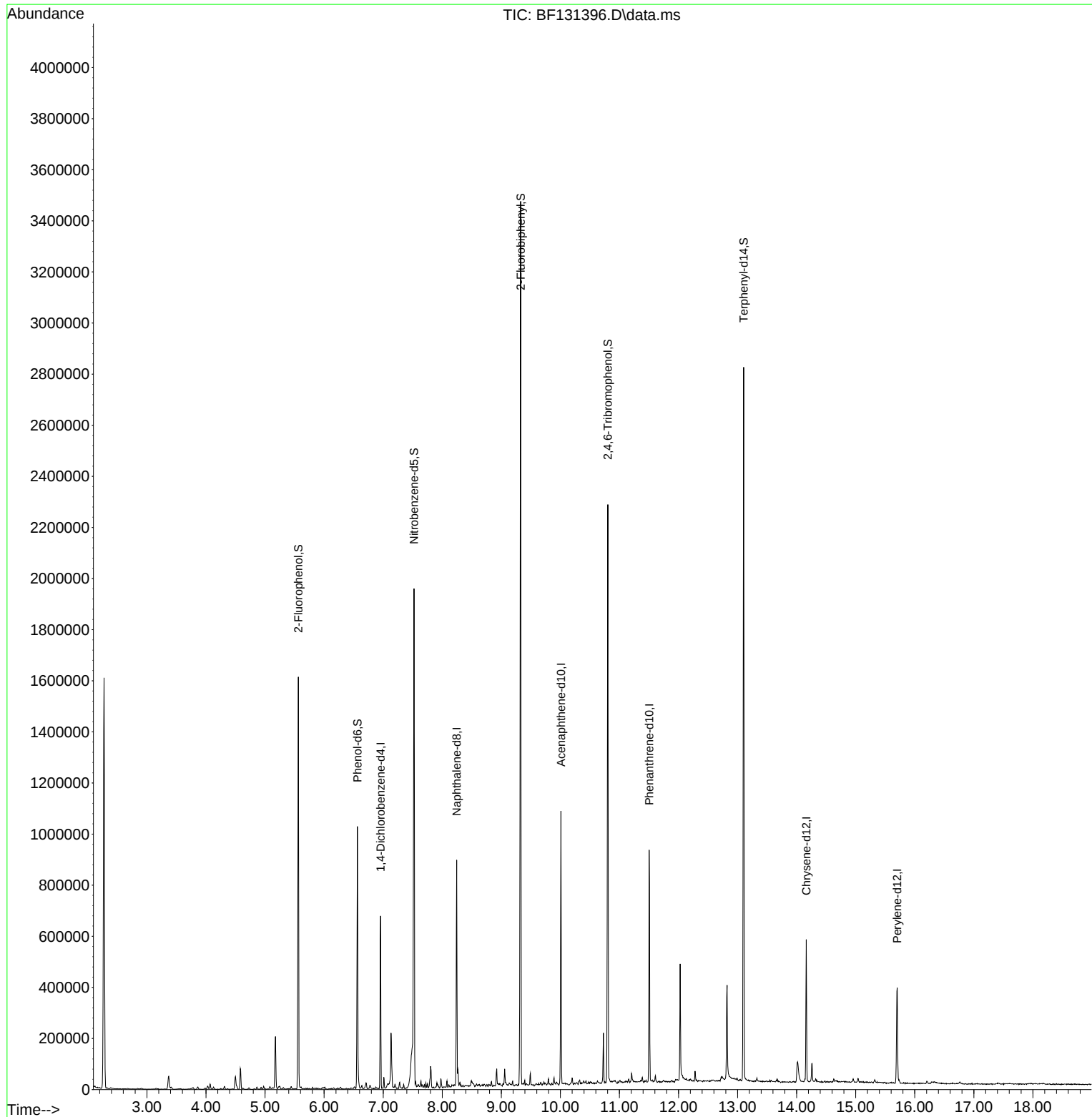
Target Compounds Qvalue

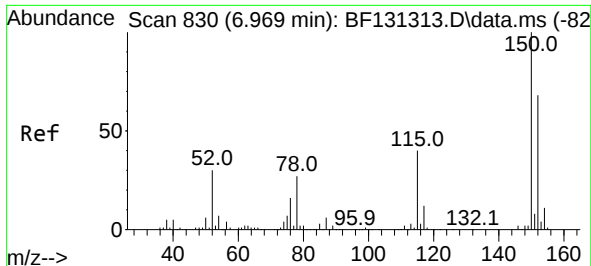
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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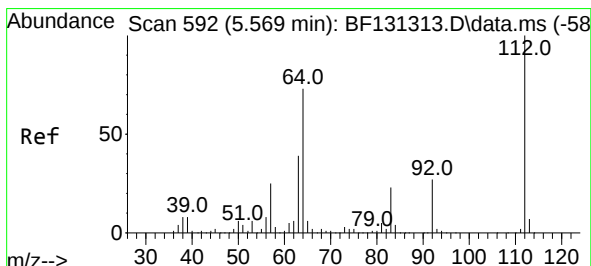
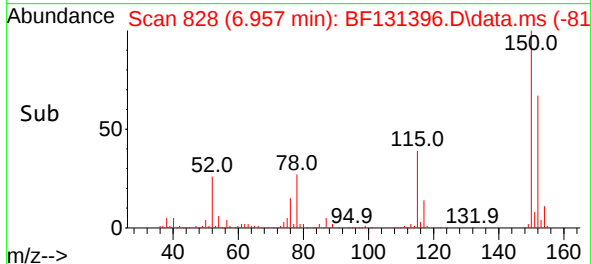
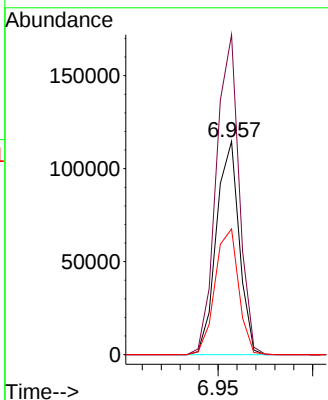
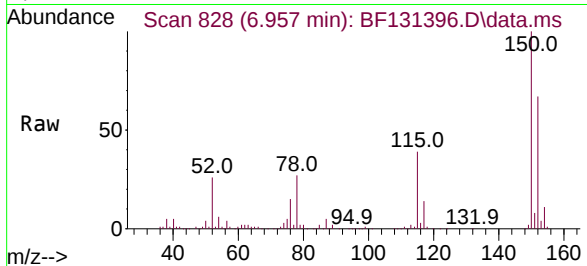




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

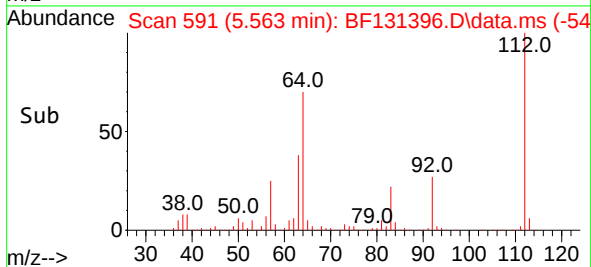
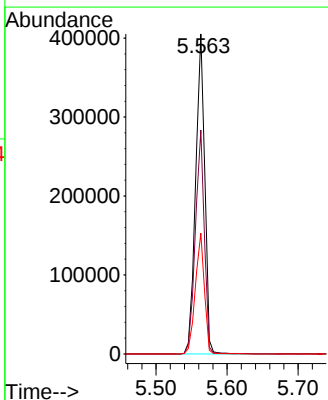
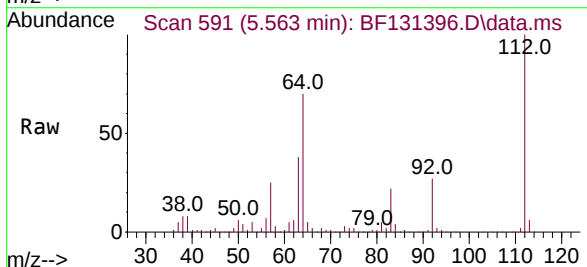
Instrument :
BNA_F
ClientSampleId :
MW-35

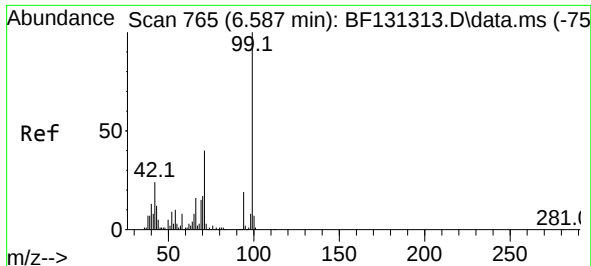
Tgt Ion:152 Resp: 96077
Ion Ratio Lower Upper
152 100
150 150.1 117.8 176.8
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 71.682 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion:112 Resp: 361859
Ion Ratio Lower Upper
112 100
64 69.9 58.6 88.0
63 37.7 31.4 47.0

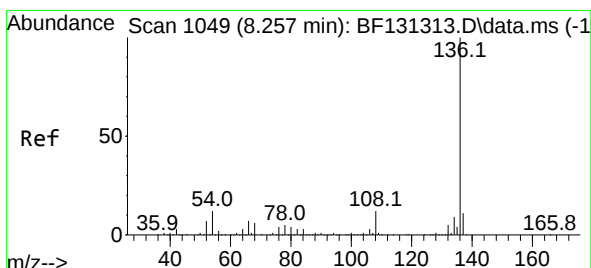
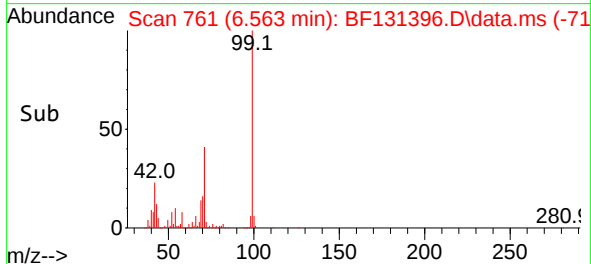
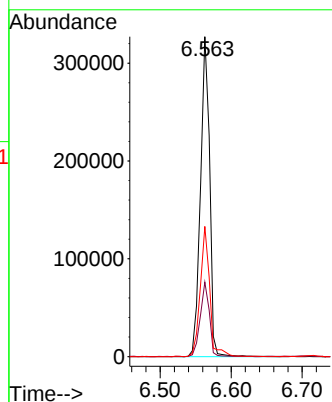
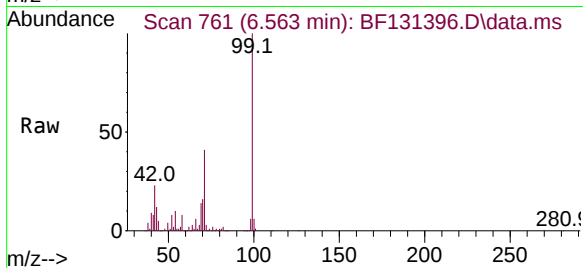




#7
Phenol-d6
Concen: 45.031 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

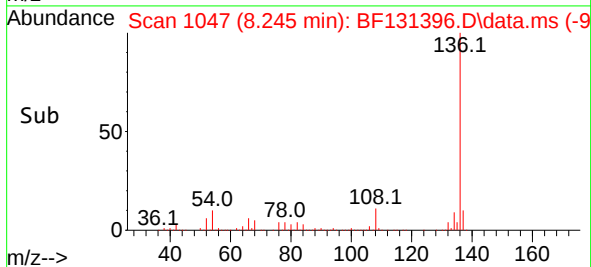
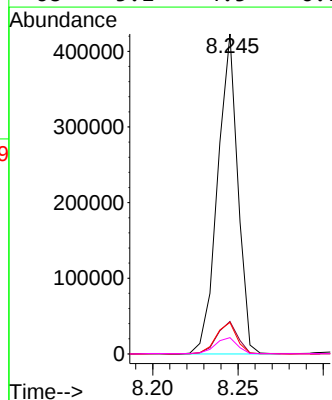
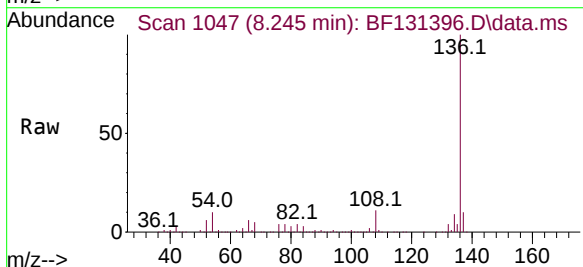
Instrument :
BNA_F
ClientSampleId :
MW-35

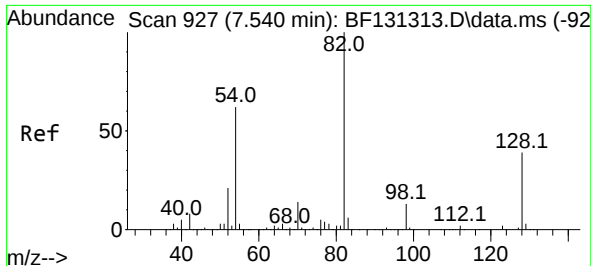
Tgt Ion: 99 Resp: 290038
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 40.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion: 136 Resp: 347992
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 9.8 9.4 14.0
68 5.1 4.5 6.7

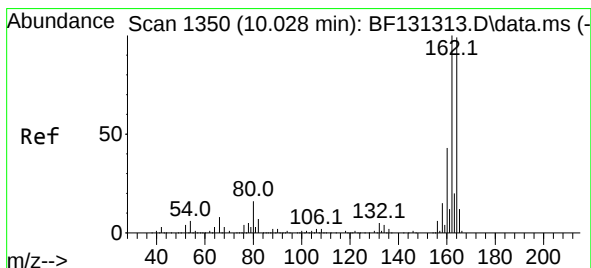
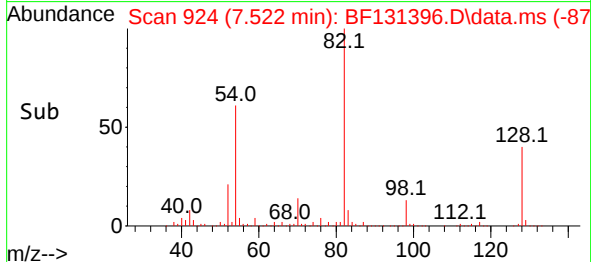
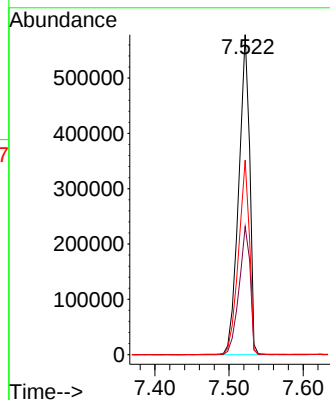
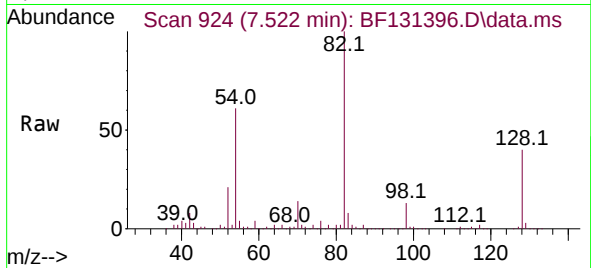




#23
Nitrobenzene-d5
Concen: 85.900 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

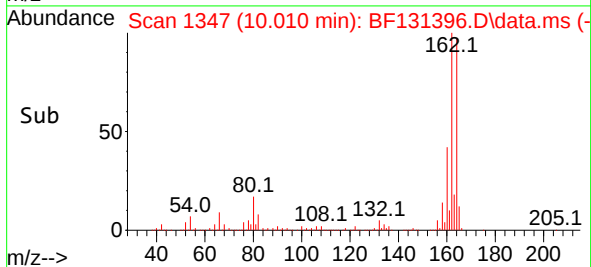
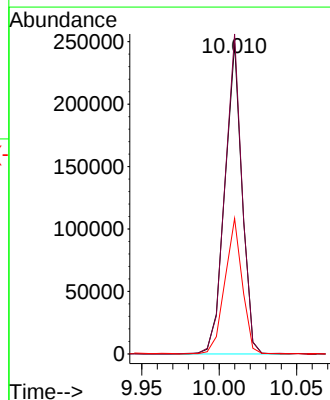
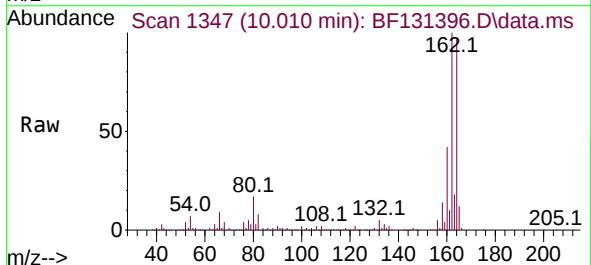
Instrument :
BNA_F
ClientSampleId :
MW-35

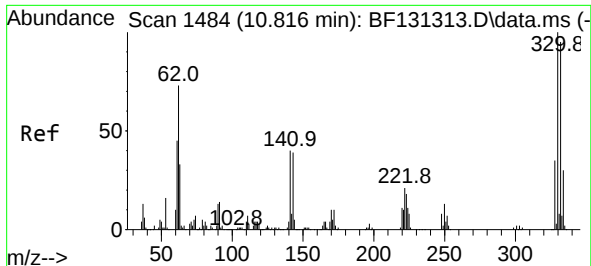
Tgt Ion: 82 Resp: 593003
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 60.7 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion:164 Resp: 191968
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 155.469 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :

MW-35

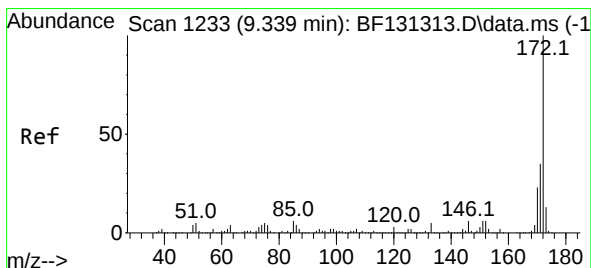
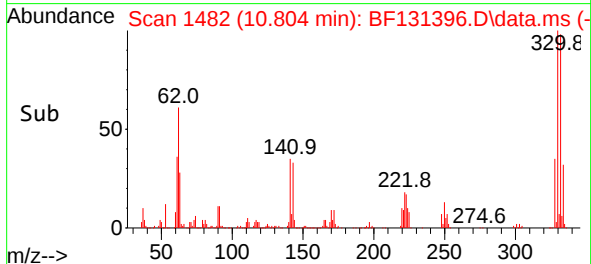
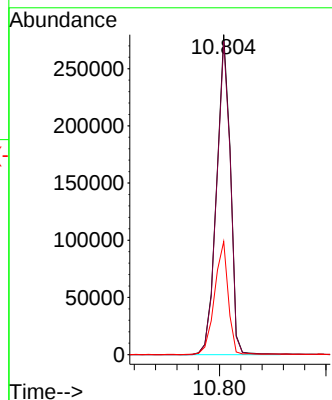
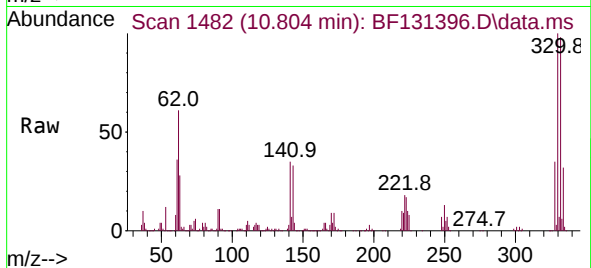
Tgt Ion:330 Resp: 251089

Ion Ratio Lower Upper

330 100

332 98.3 77.5 116.3

141 35.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 80.064 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

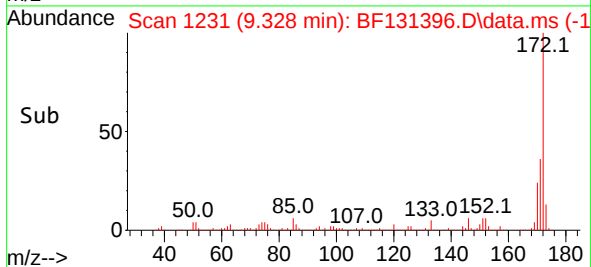
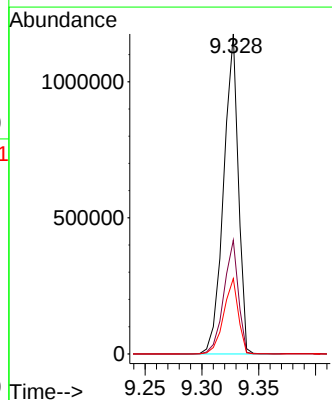
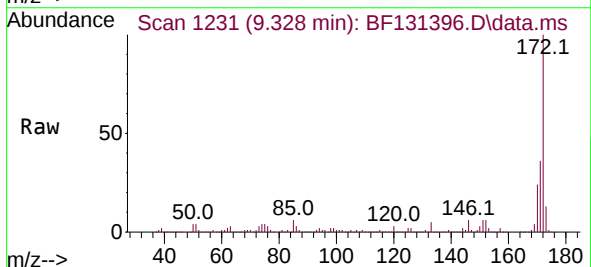
Tgt Ion:172 Resp: 1056463

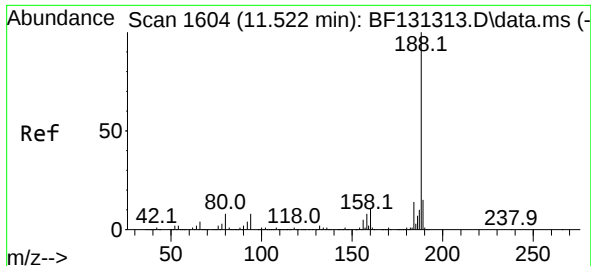
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.7 28.1

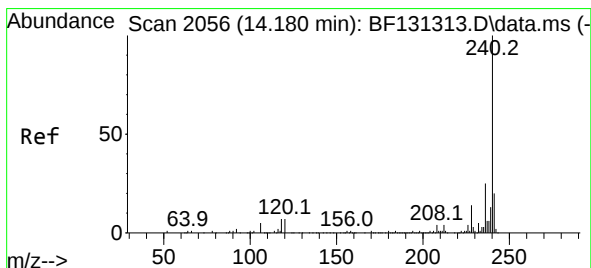
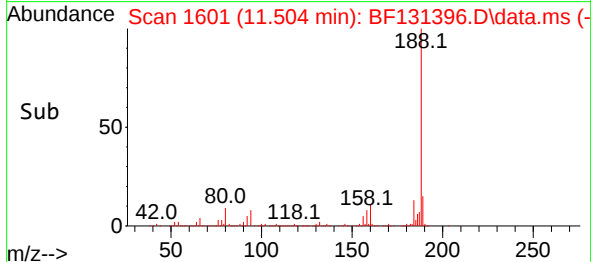
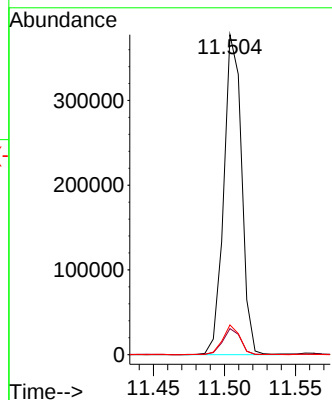
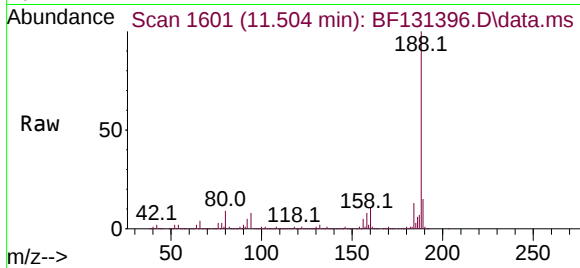




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

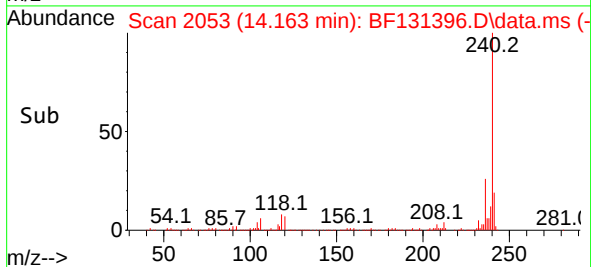
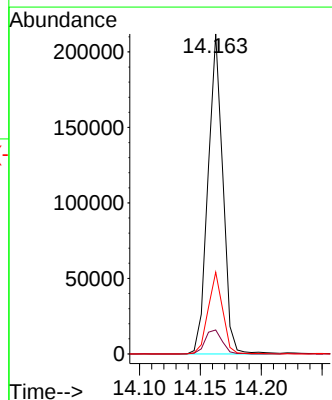
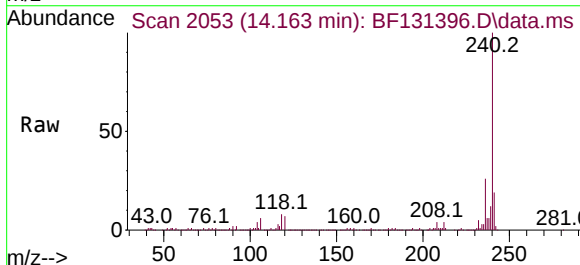
Instrument :
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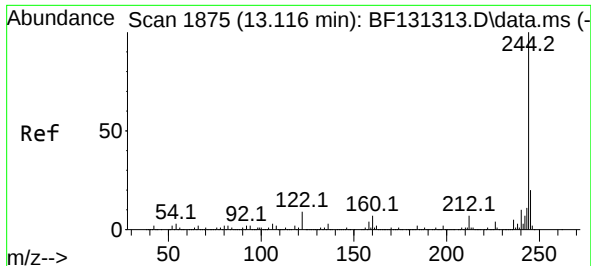
Tgt Ion:188 Resp: 329290
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

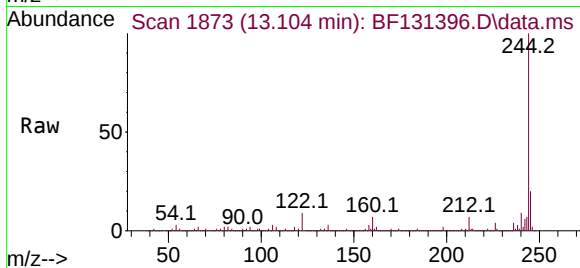
Tgt Ion:240 Resp: 179988
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.6 20.3 30.5



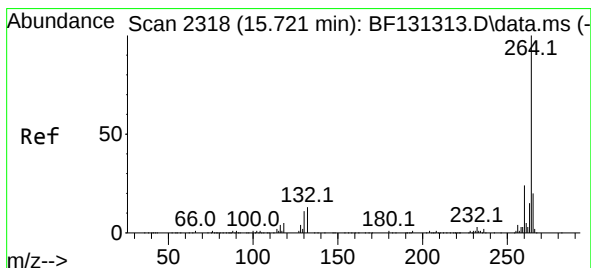
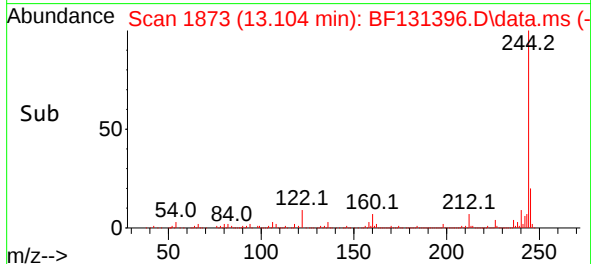
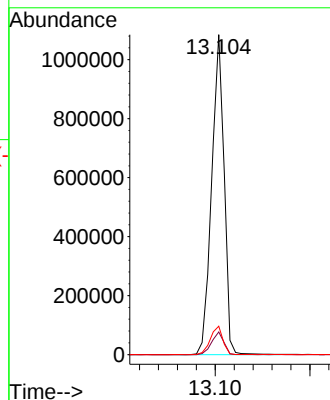


#79
 Terphenyl-d14
 Concen: 90.037 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131396.D
 Acq: 25 Nov 2022 15:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-35



Tgt Ion:244 Resp: 991007
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.704 min Scan# 2315
 Delta R.T. -0.006 min
 Lab File: BF131396.D
 Acq: 25 Nov 2022 15:06

Tgt Ion:264 Resp: 183082
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.2 16.4 24.6

