

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130629.D
 Acq On : 12 Oct 2022 14:42
 Operator : CG\JU
 Sample : N5067-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C24(23-24)

Quant Time: Oct 13 05:44:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

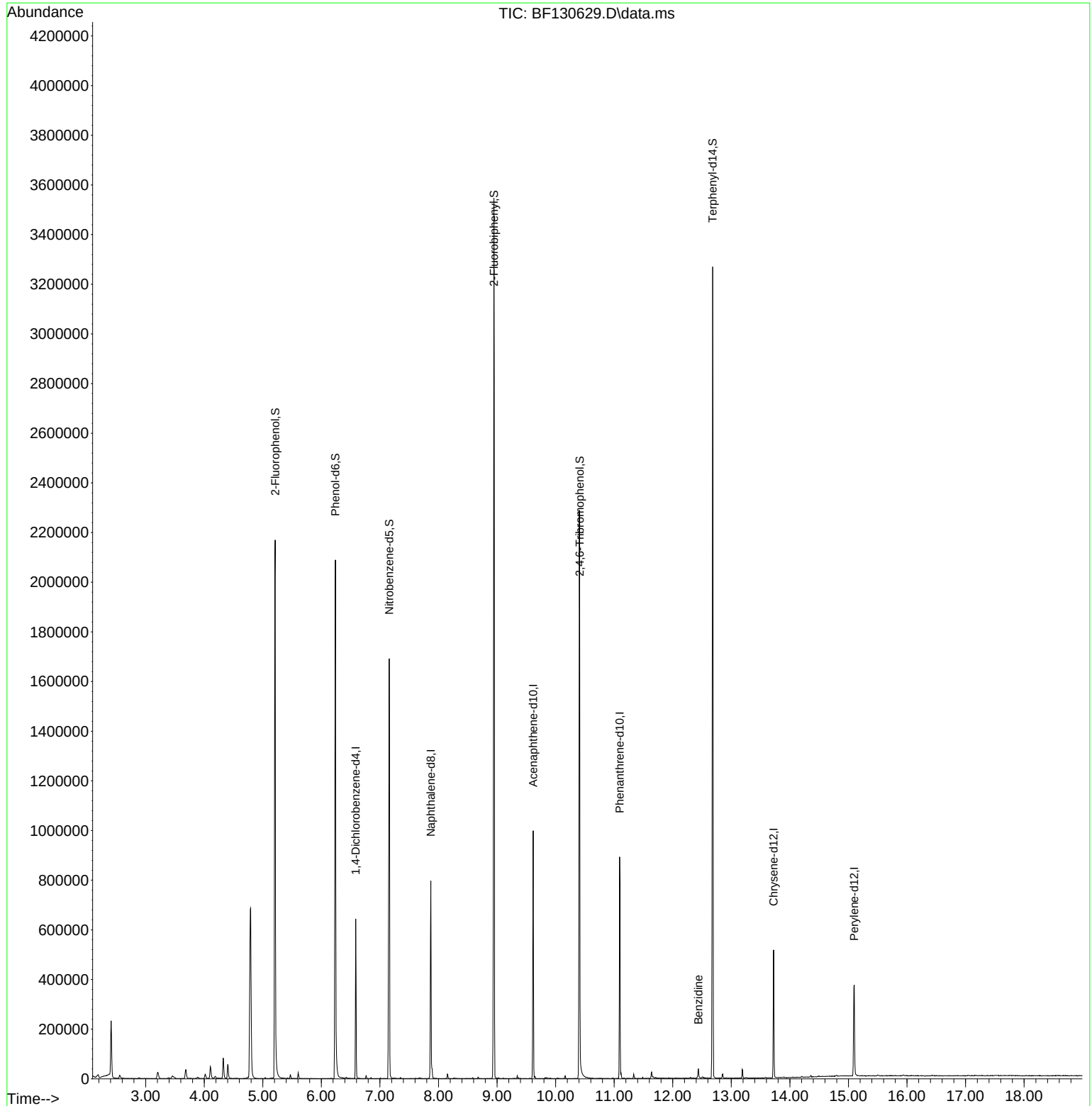
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	87257	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	341794	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	185372	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	310037	20.000	ng	0.00
76) Chrysene-d12	13.722	240	157741	20.000	ng	0.00
86) Perylene-d12	15.098	264	156100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	676496	139.750	ng	0.02
7) Phenol-d6	6.240	99	734645	120.707	ng	0.00
23) Nitrobenzene-d5	7.157	82	591276	94.437	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	300834	165.853	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1129981	92.335	ng	0.00
79) Terphenyl-d14	12.680	244	1167826	122.877	ng	0.00
Target Compounds						
77) Benzidine	12.439	184	15163	3.803	ng	Qvalue 99

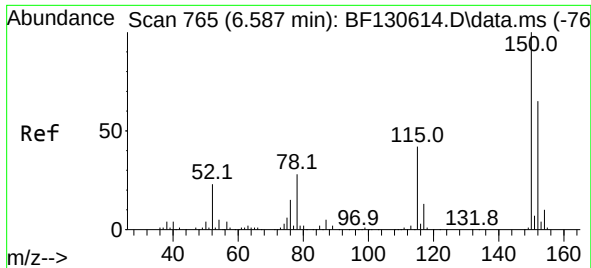
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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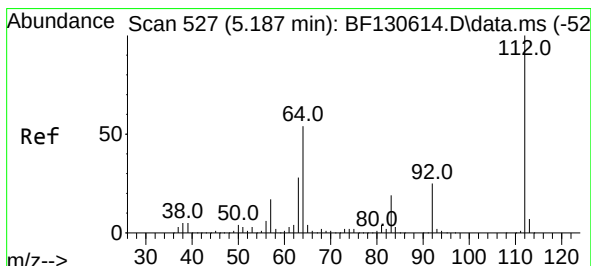
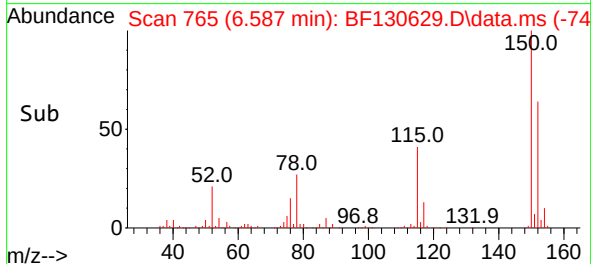
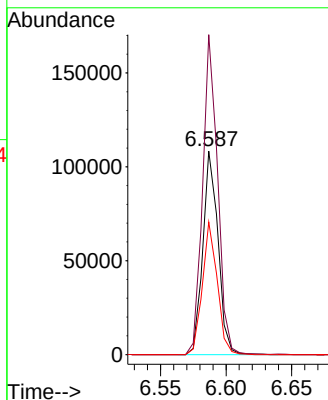
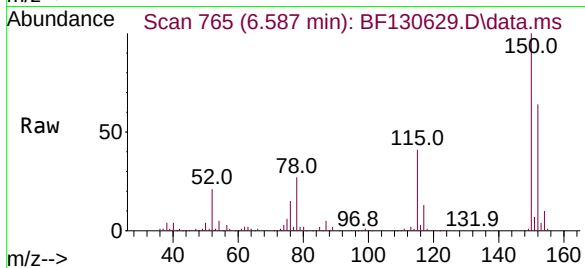




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

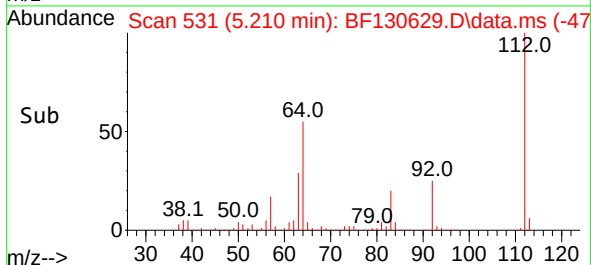
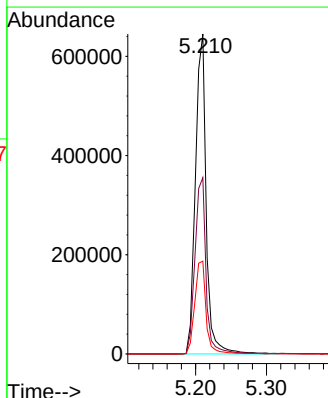
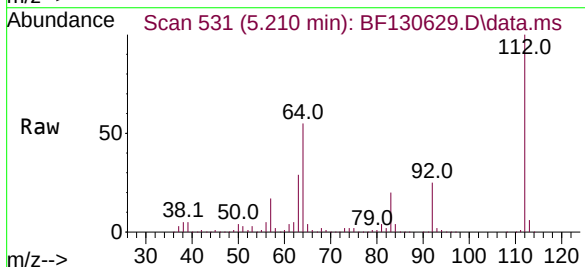
Instrument :
BNA_F
ClientSampleId :
C24(23-24)

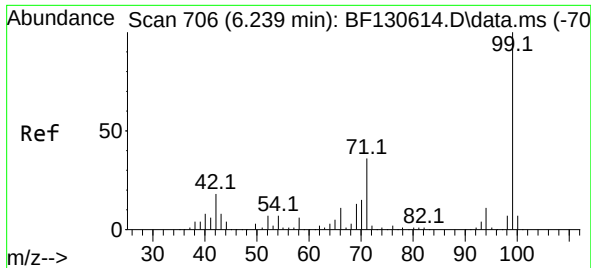
Tgt Ion:152 Resp: 87257
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 65.2 52.2 78.4



#5
2-Fluorophenol
Concen: 139.750 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

Tgt Ion:112 Resp: 676496
Ion Ratio Lower Upper
112 100
64 55.1 43.5 65.3
63 29.0 22.6 34.0

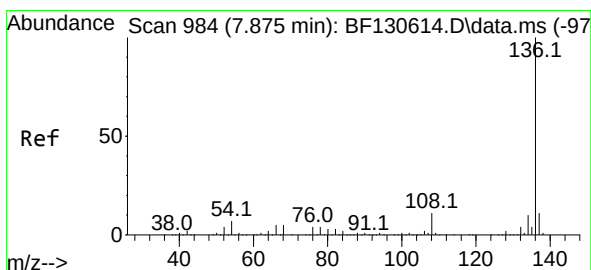
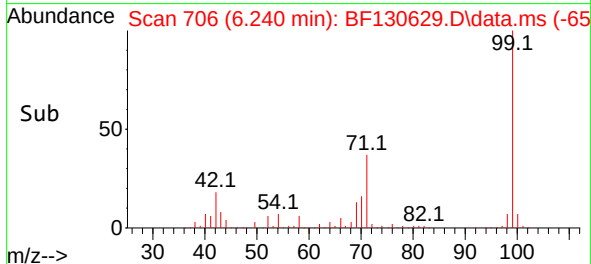
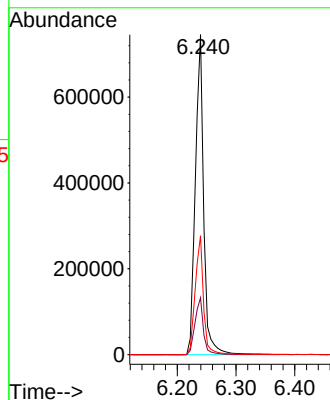
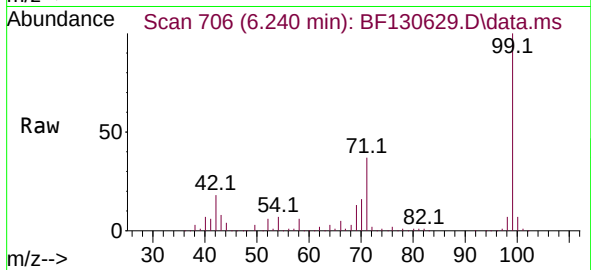




#7
Phenol-d6
Concen: 120.707 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

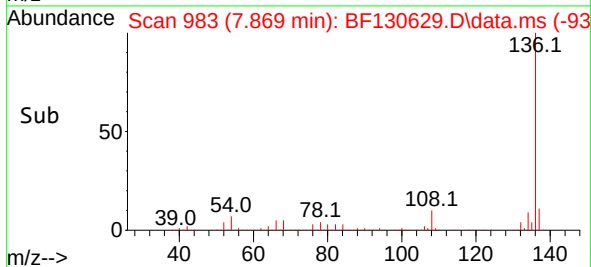
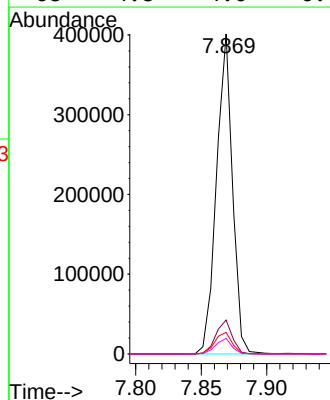
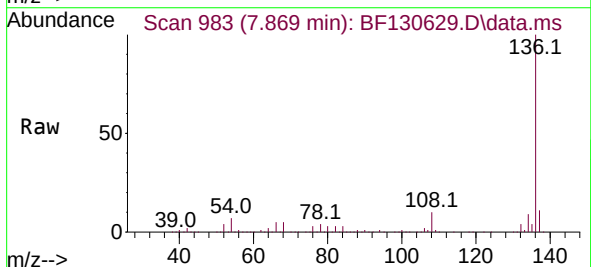
Instrument :
BNA_F
ClientSampleId :
C24(23-24)

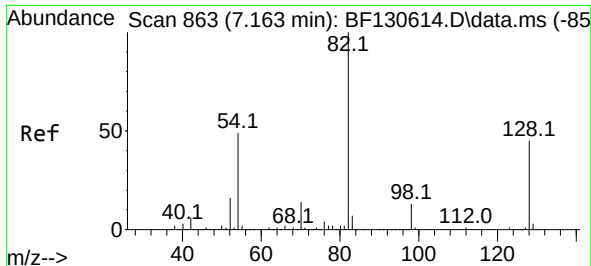
Tgt Ion: 99 Resp: 734645
Ion Ratio Lower Upper
99 100
42 17.8 14.0 21.0
71 37.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

Tgt Ion: 136 Resp: 341794
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.7 5.5 8.3
68 4.8 4.0 6.0

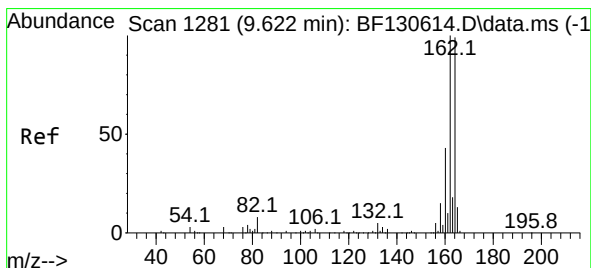
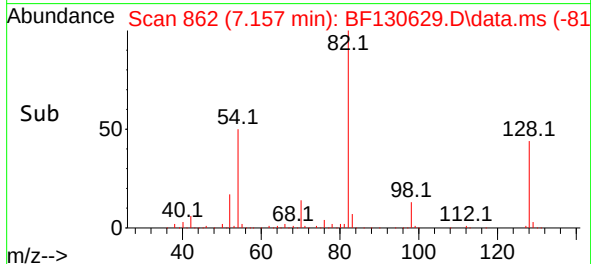
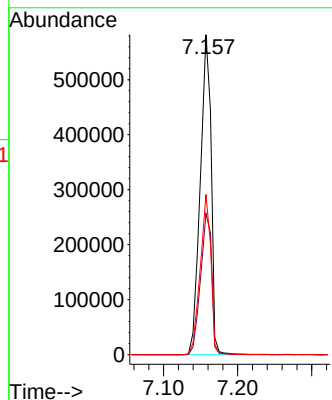
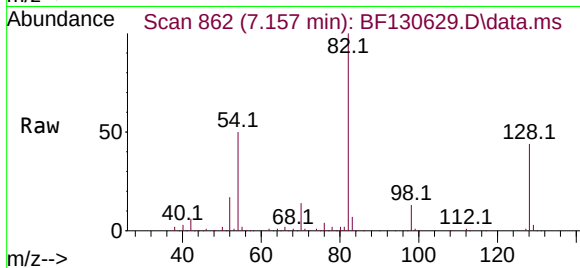




#23
Nitrobenzene-d5
Concen: 94.437 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

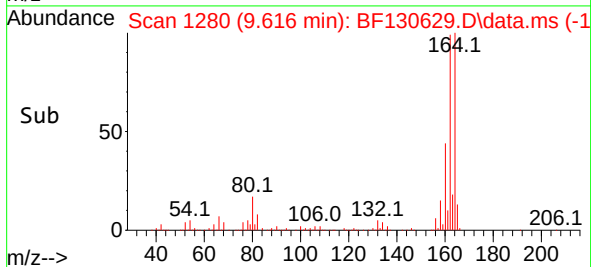
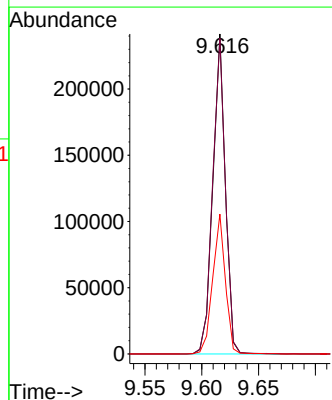
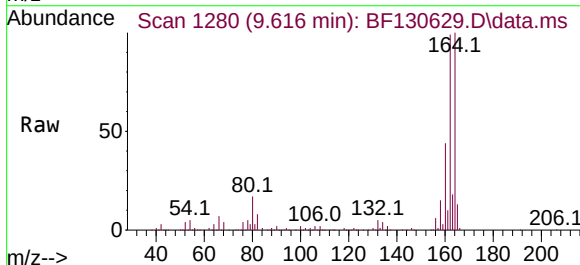
Instrument :
BNA_F
ClientSampleId :
C24(23-24)

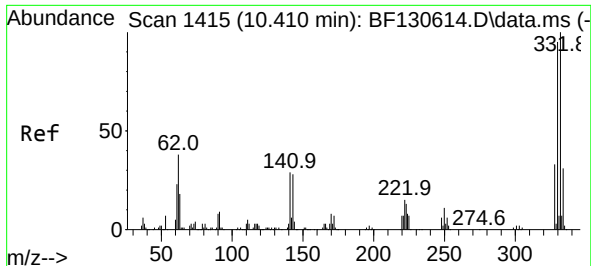
Tgt Ion: 82 Resp: 591276
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 50.0 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

Tgt Ion:164 Resp: 185372
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.4
160 43.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 165.853 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130629.D

Acq: 12 Oct 2022 14:42

Instrument :

BNA_F

ClientSampleId :

C24(23-24)

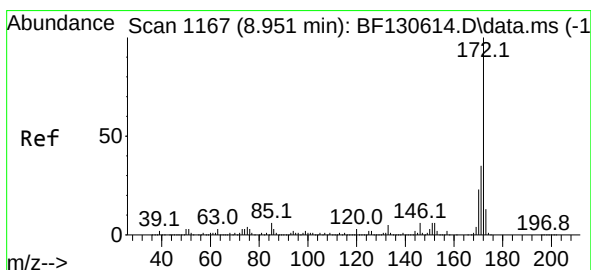
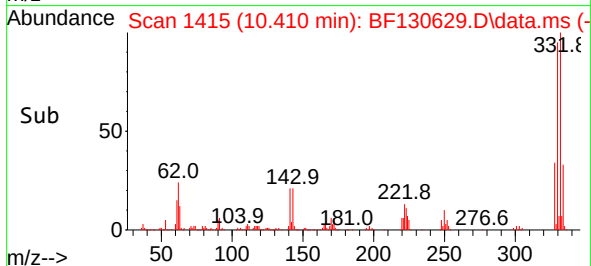
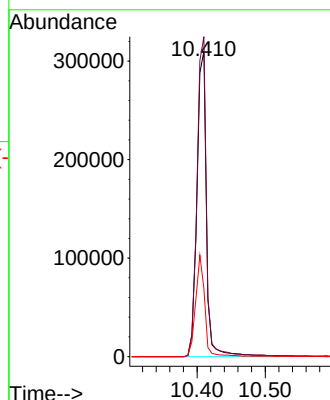
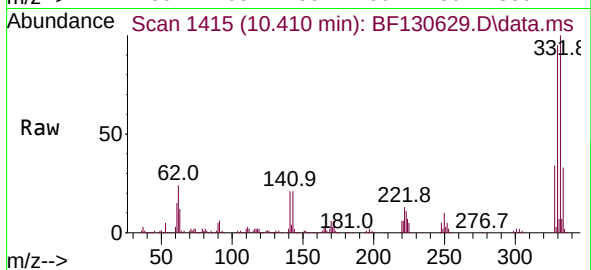
Tgt Ion:330 Resp: 300834

Ion Ratio Lower Upper

330 100

332 105.4 84.2 126.4

141 32.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 92.335 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130629.D

Acq: 12 Oct 2022 14:42

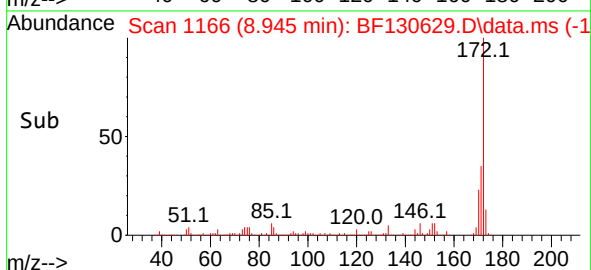
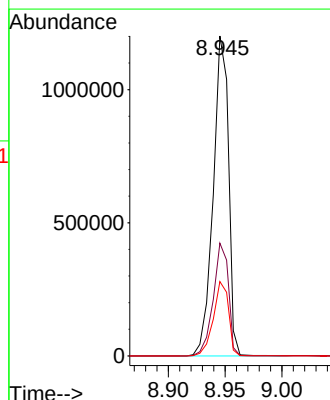
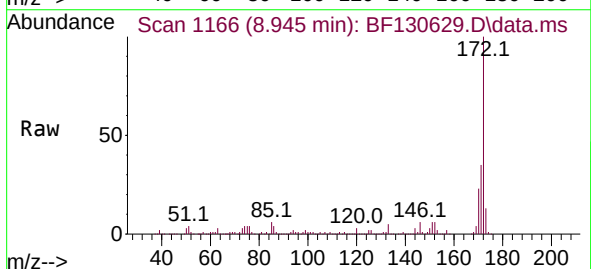
Tgt Ion:172 Resp: 1129981

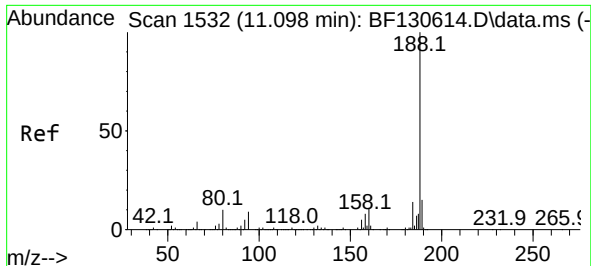
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.2 18.6 27.8

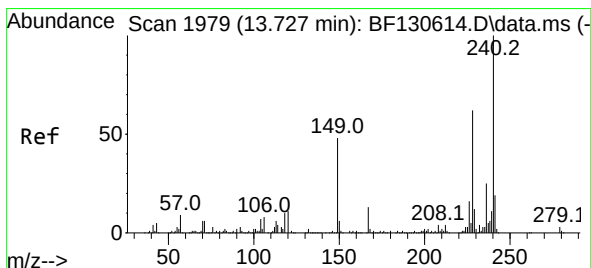
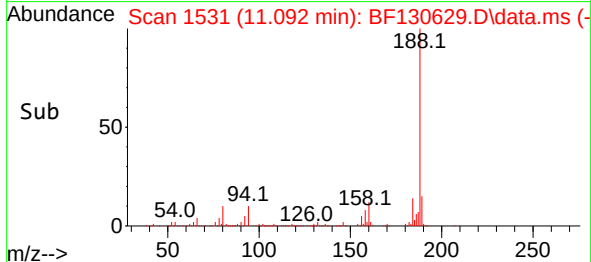
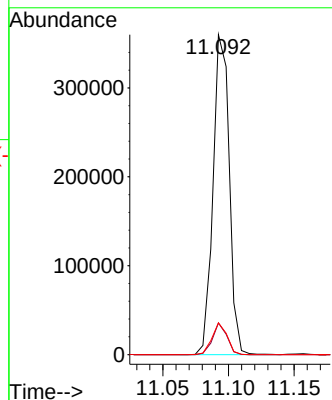
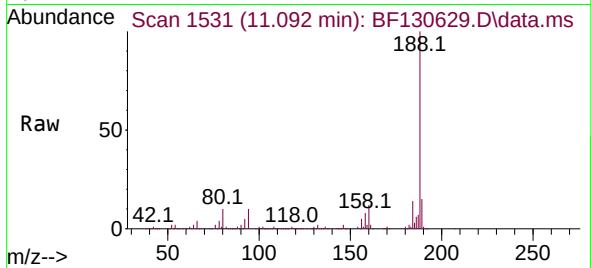




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

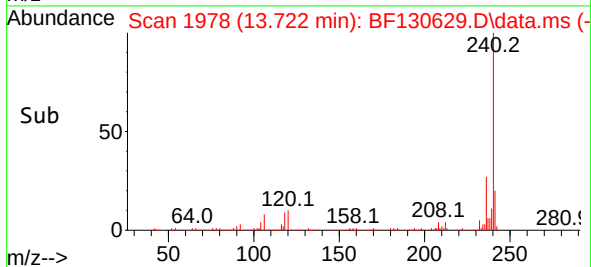
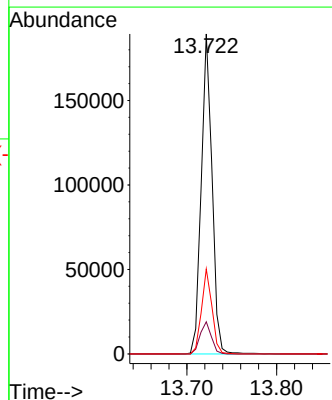
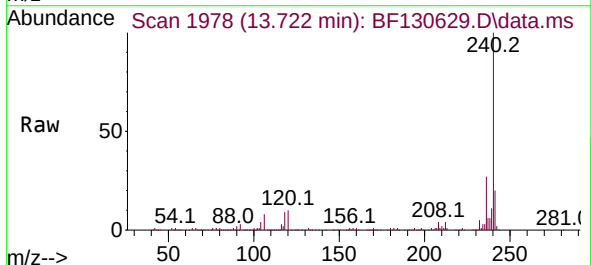
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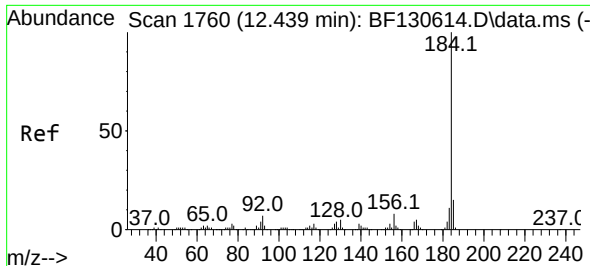
Tgt Ion:188 Resp: 310037
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.722 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

Tgt Ion:240 Resp: 157741
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.5 20.2 30.4

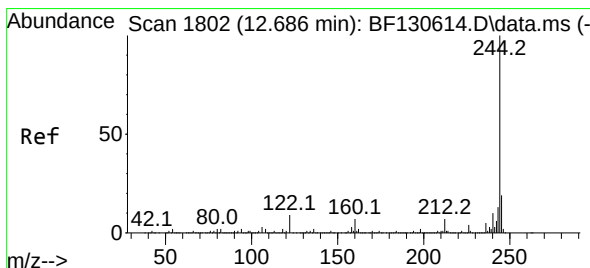
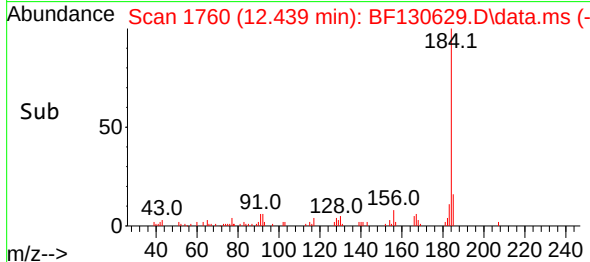
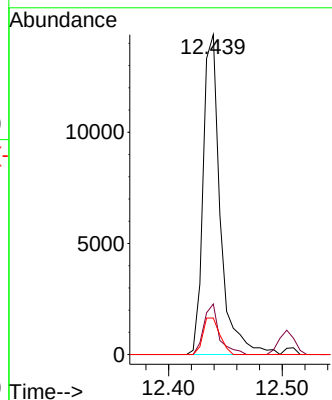
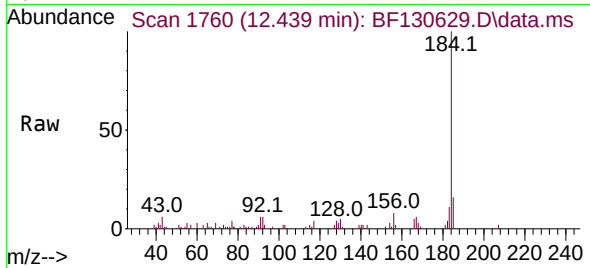




#77
Benzidine
Concen: 3.803 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

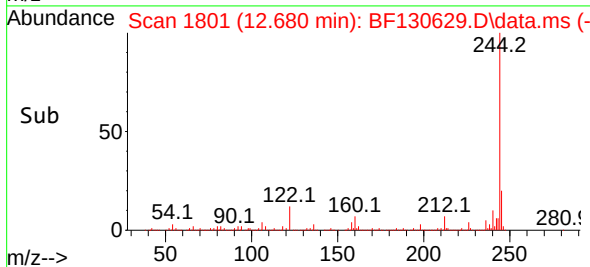
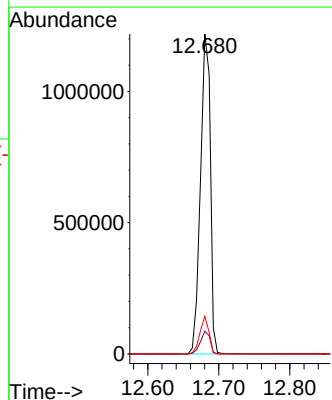
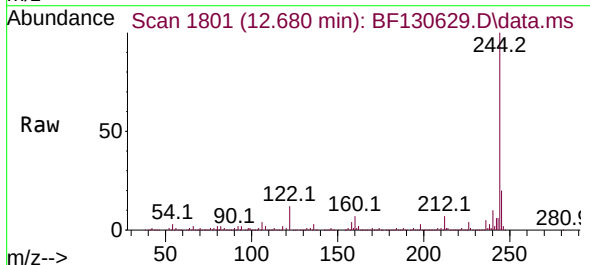
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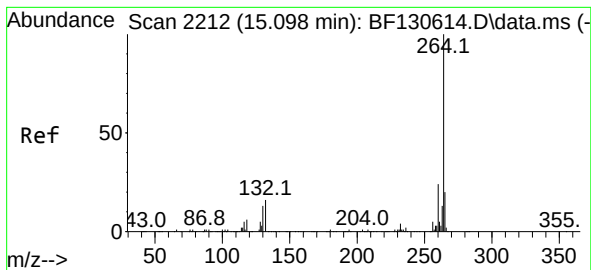
Tgt Ion:184 Resp: 15163
Ion Ratio Lower Upper
184 100
185 15.8 12.0 18.0
183 11.4 9.0 13.4



#79
Terphenyl-d14
Concen: 122.877 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130629.D
Acq: 12 Oct 2022 14:42

Tgt Ion:244 Resp: 1167826
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.7 7.5 11.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 221

Delta R.T. 0.000 min

Lab File: BF130629.D

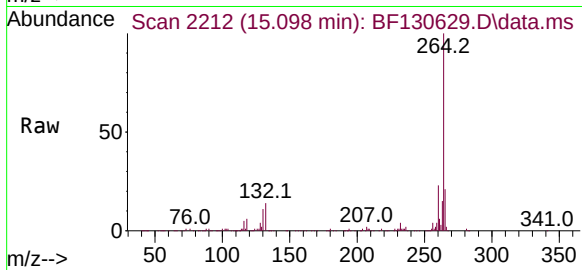
Acq: 12 Oct 2022 14:42

Instrument :

BNA_F

ClientSampleId :

C24(23-24)



Tgt Ion:264 Resp: 156100

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 16.4 24.6

