

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130670.D
 Acq On : 14 Oct 2022 17:38
 Operator : CG\JU
 Sample : N5140-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Oct 17 02:22:32 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)

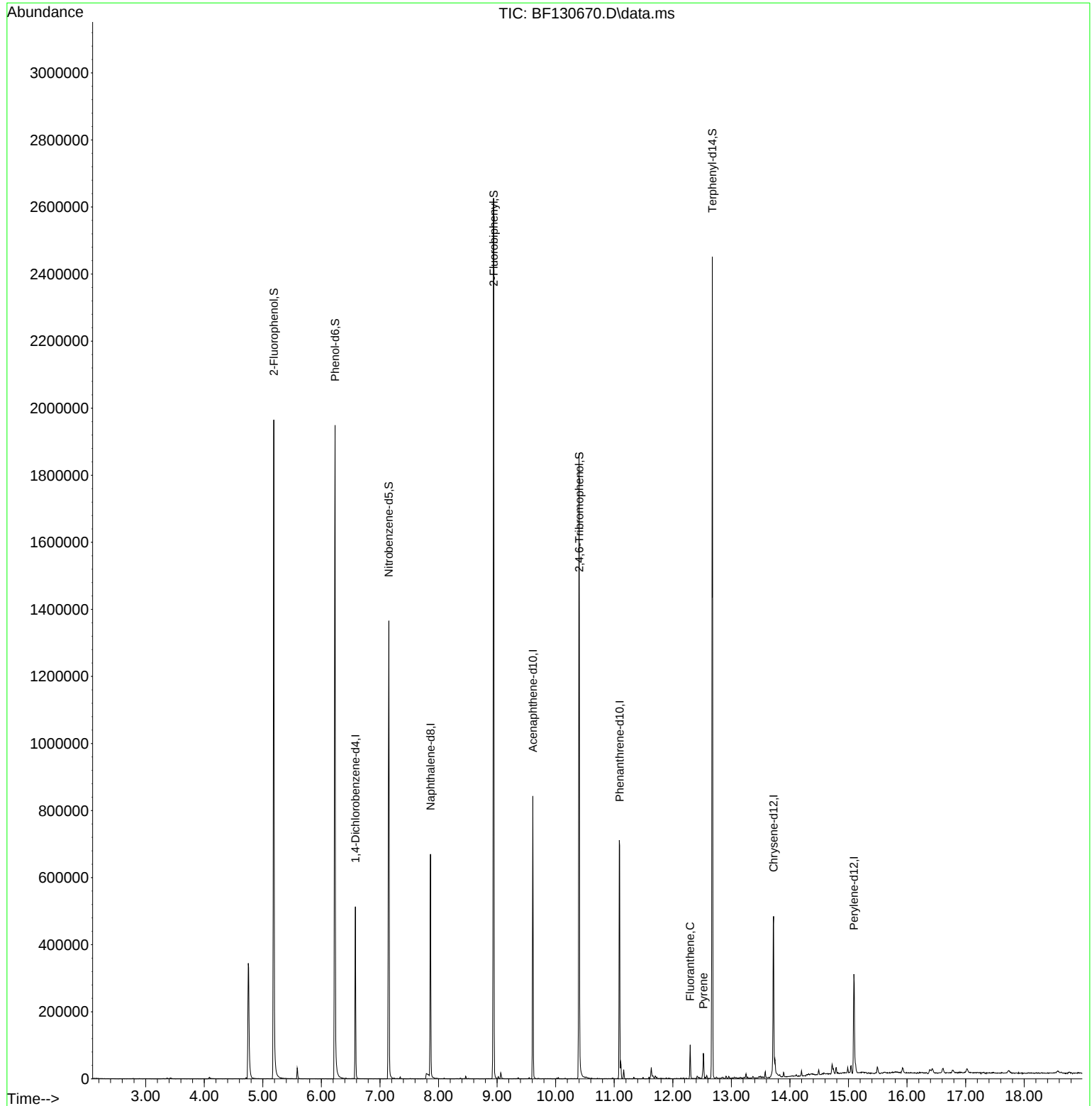
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	72406	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	284012	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	155853	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	265741	20.000	ng	# 0.00
76) Chrysene-d12	13.721	240	155552	20.000	ng	0.00
86) Perylene-d12	15.092	264	127522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	548568	136.566	ng	0.00
7) Phenol-d6	6.234	99	702696	139.139	ng	0.00
23) Nitrobenzene-d5	7.151	82	432754	83.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.404	330	224455	147.182	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	781085	75.914	ng	-0.01
79) Terphenyl-d14	12.674	244	789049	84.191	ng	-0.01
Target Compounds						
75) Fluoranthene	12.298	202	37914	2.679	ng	99
78) Pyrene	12.521	202	32307	2.407	ng	98

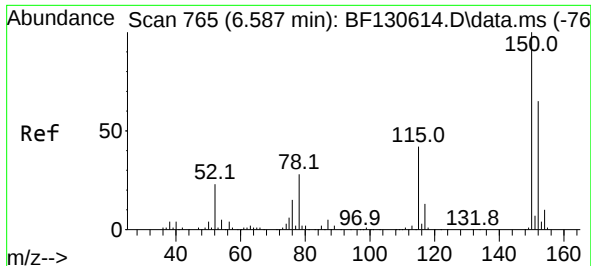
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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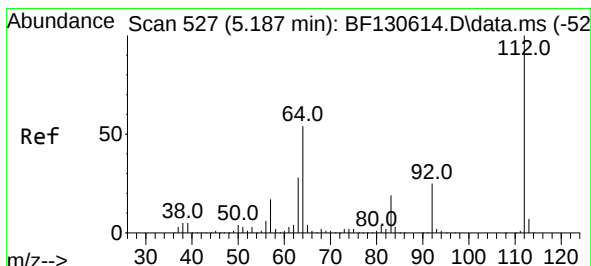
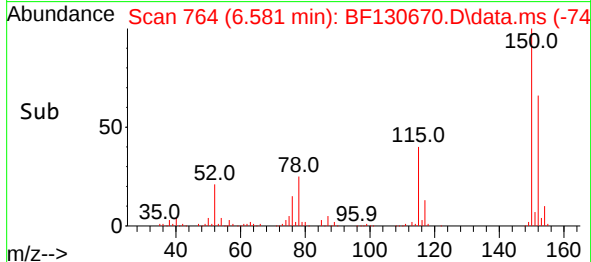
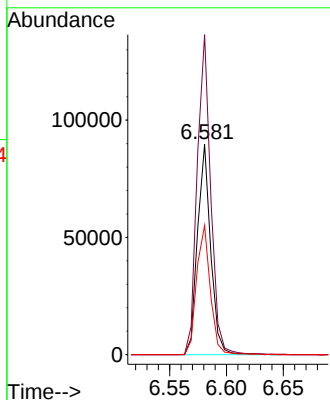
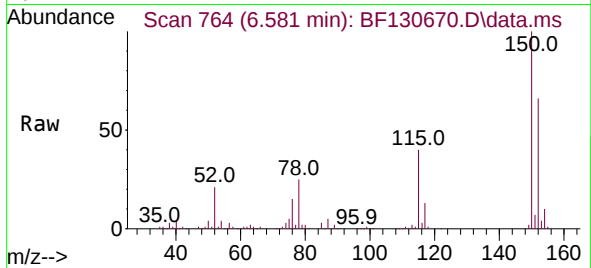




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.581 min Scan# 765
 Delta R.T. -0.006 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

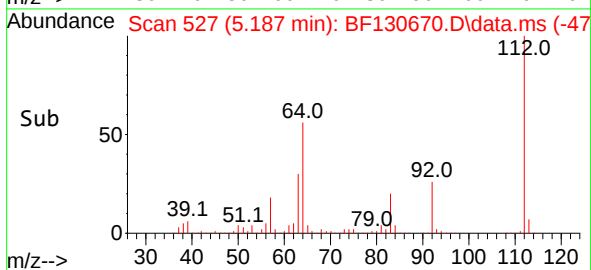
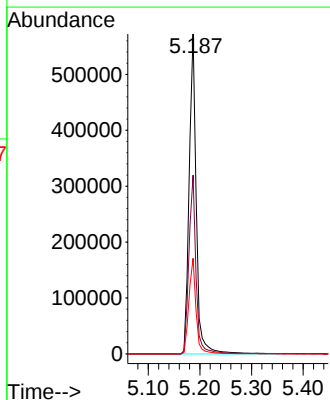
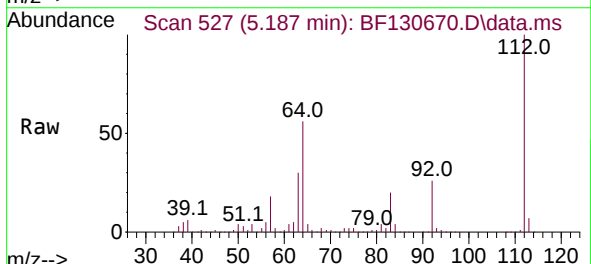
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

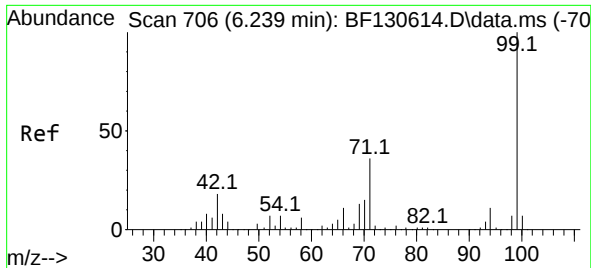
Tgt Ion:152 Resp: 72406
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.8 185.6
 115 61.3 52.2 78.4



#5
 2-Fluorophenol
 Concen: 136.566 ng
 RT: 5.187 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

Tgt Ion:112 Resp: 548568
 Ion Ratio Lower Upper
 112 100
 64 55.9 43.5 65.3
 63 29.9 22.6 34.0

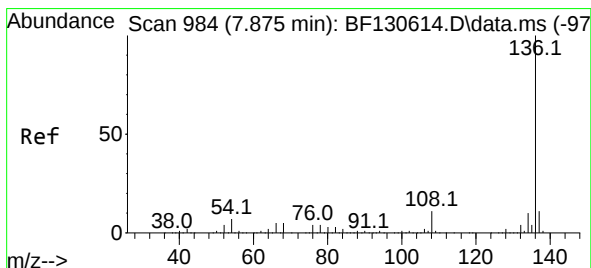
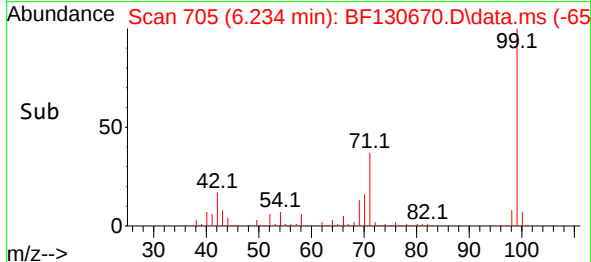
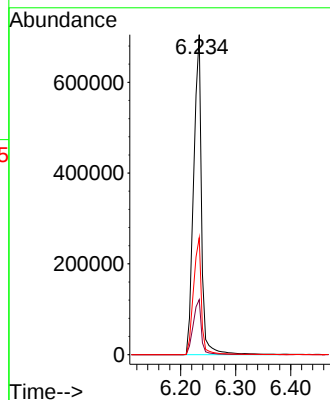
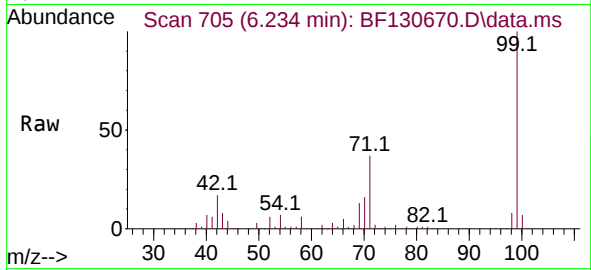




#7
Phenol-d6
Concen: 139.139 ng
RT: 6.234 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

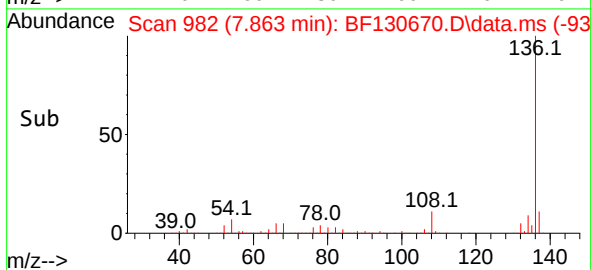
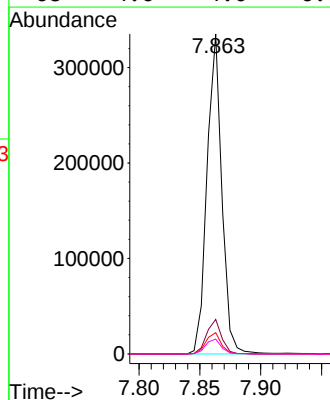
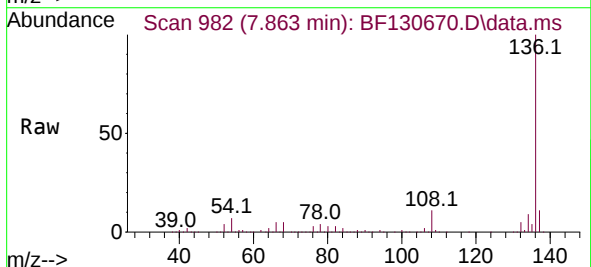
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

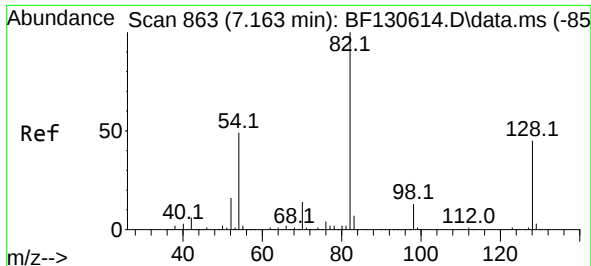
Tgt Ion: 99 Resp: 702696
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion: 136 Resp: 284012
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.7 5.5 8.3
68 4.6 4.0 6.0

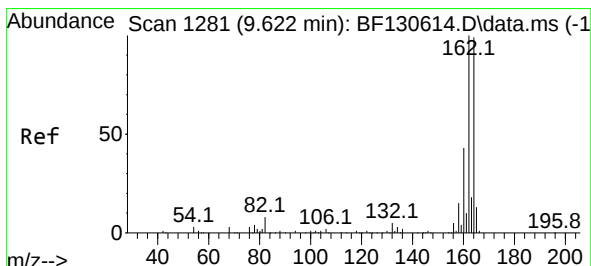
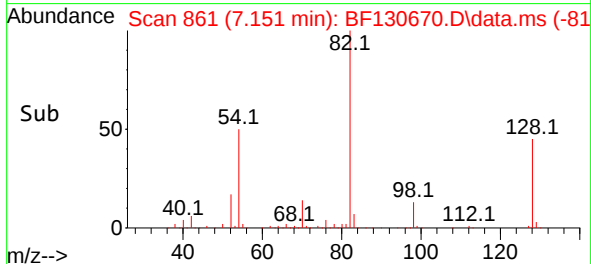
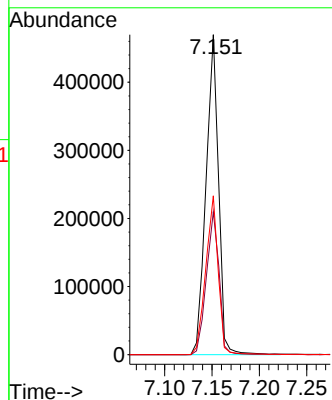
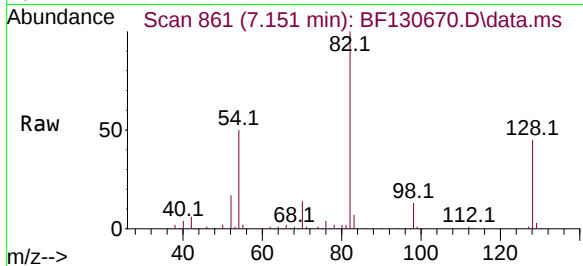




#23
Nitrobenzene-d5
Concen: 83.181 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

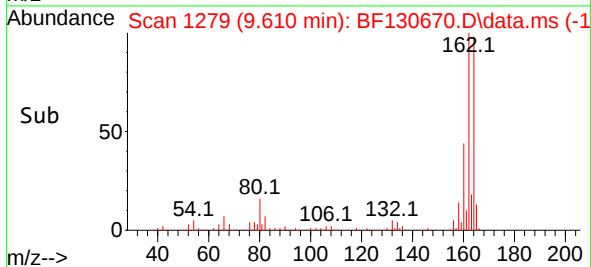
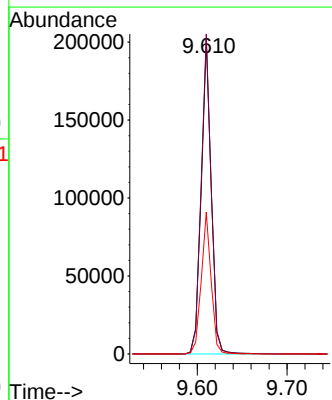
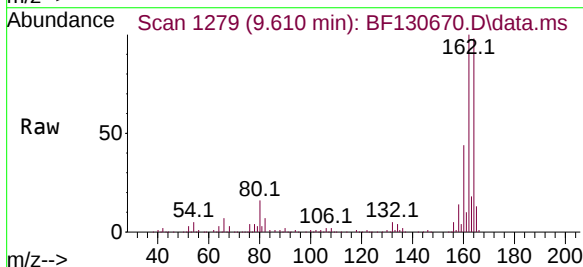
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

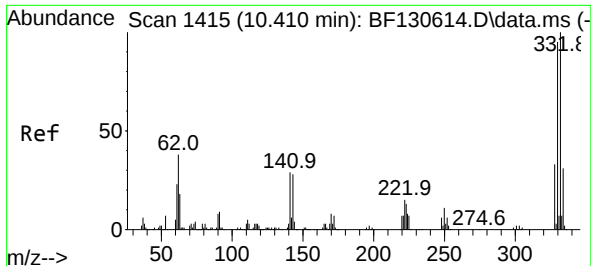
Tgt Ion: 82 Resp: 432754
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 49.6 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:164 Resp: 155853
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.4
160 45.2 34.5 51.7

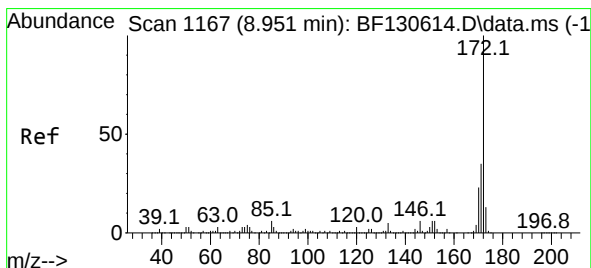
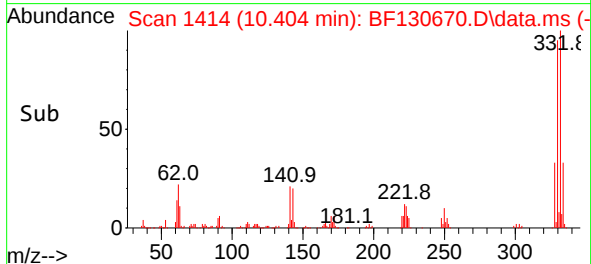
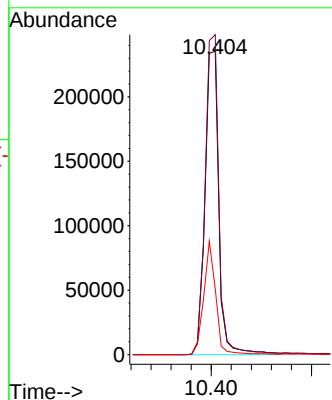
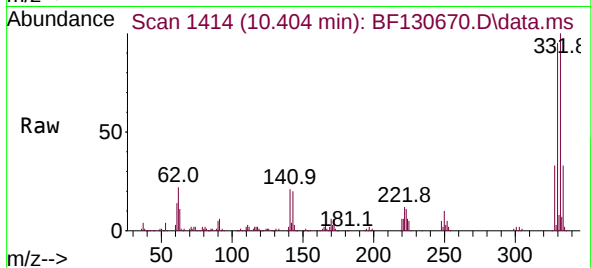




#42
2,4,6-Tribromophenol
Concen: 147.182 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

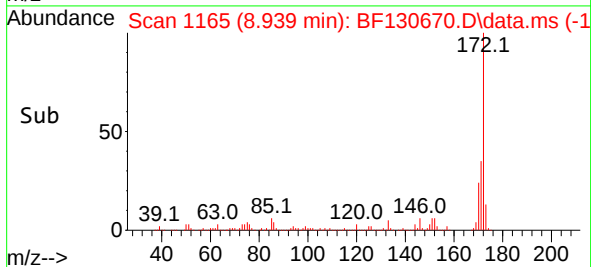
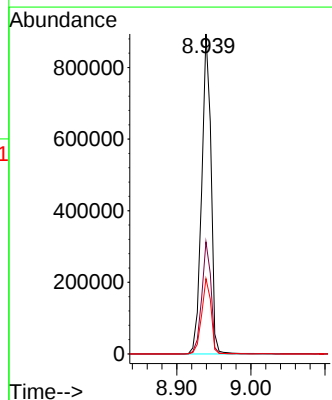
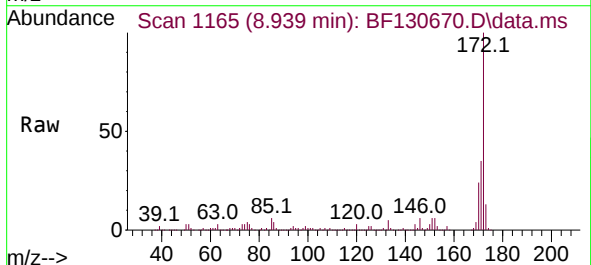
Instrument :
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ClientSampleId :
SB-07-COMP

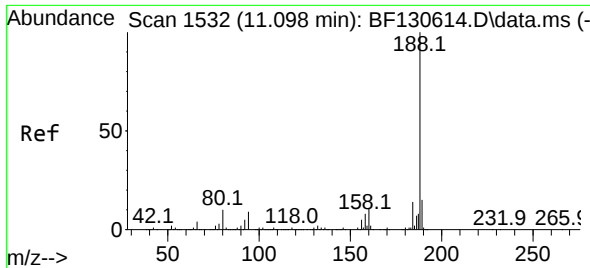
Tgt Ion:330 Resp: 224455
Ion Ratio Lower Upper
330 100
332 105.8 84.2 126.4
141 32.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 75.914 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:172 Resp: 781085
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.5 18.6 27.8

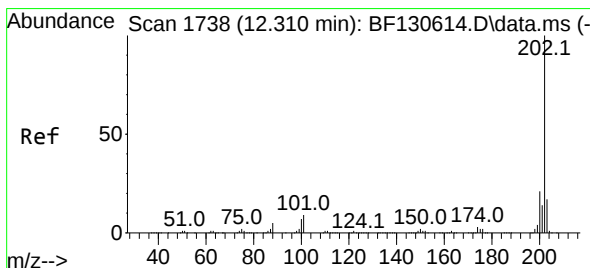
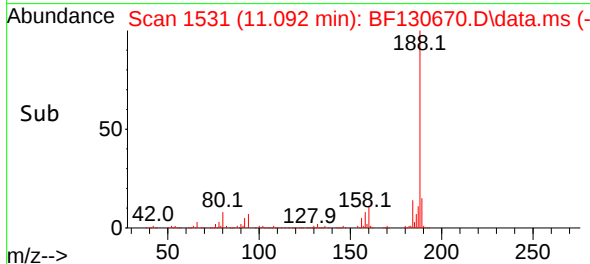
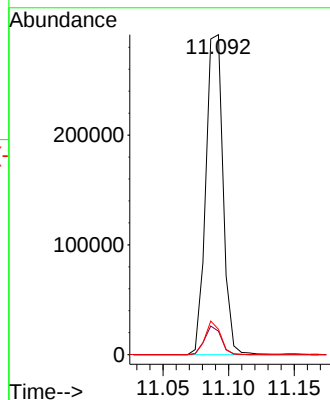
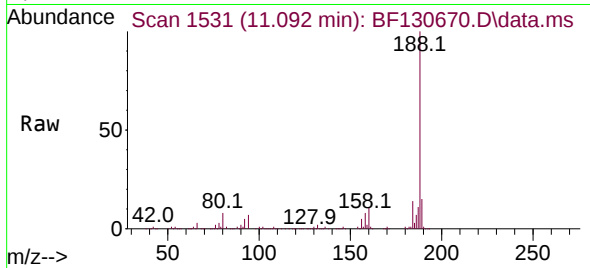




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

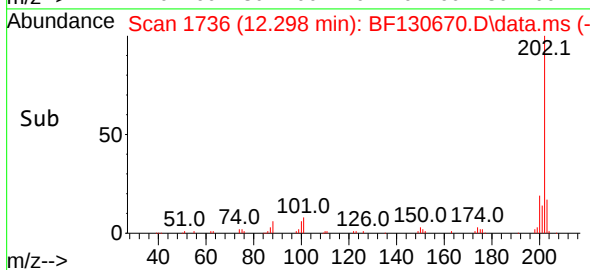
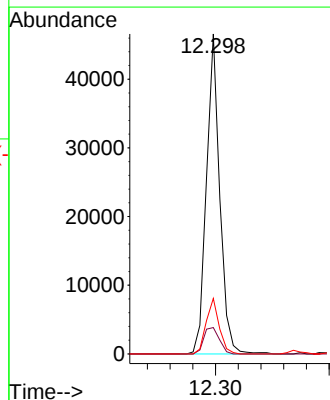
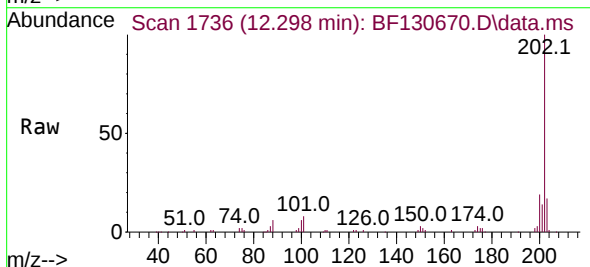
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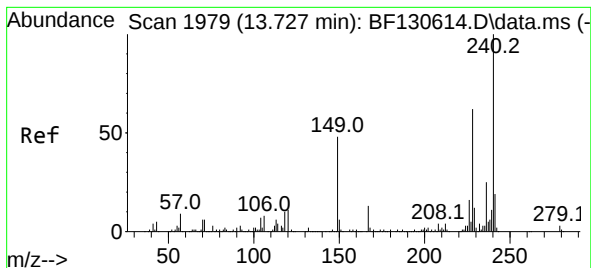
Tgt Ion:188 Resp: 265741
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.9 8.0 12.0#



#75
Fluoranthene
Concen: 2.679 ng
RT: 12.298 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF130670.D
Acq: 14 Oct 2022 17:38

Tgt Ion:202 Resp: 37914
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.1
203 17.3 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.721 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

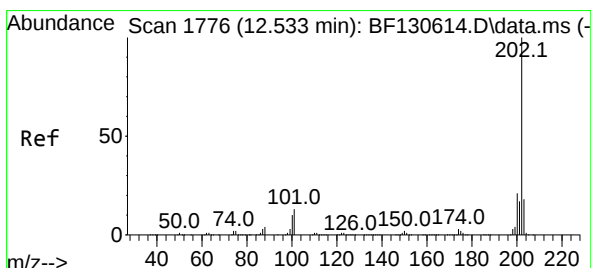
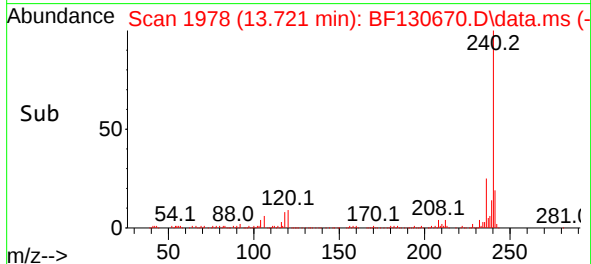
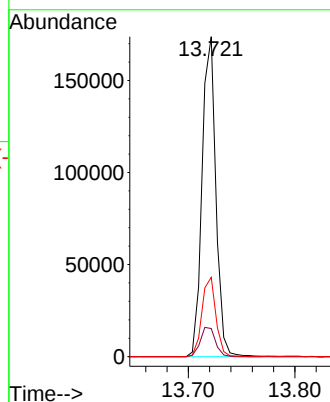
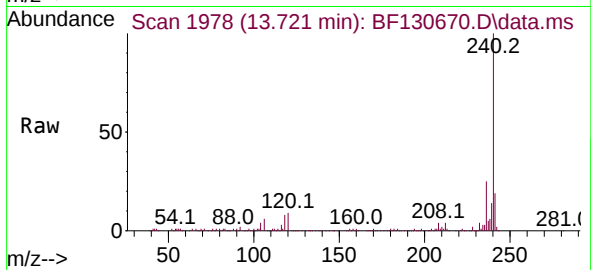
Tgt Ion:240 Resp: 155552

Ion Ratio Lower Upper

240 100

120 8.8 8.6 13.0

236 24.8 20.2 30.4



#78

Pyrene

Concen: 2.407 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF130670.D

Acq: 14 Oct 2022 17:38

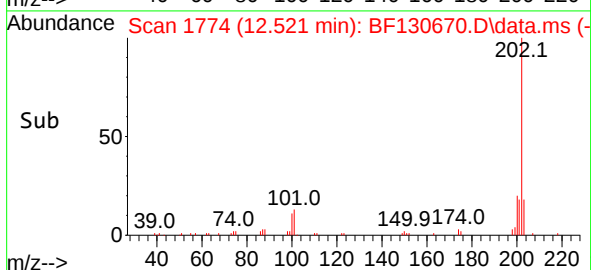
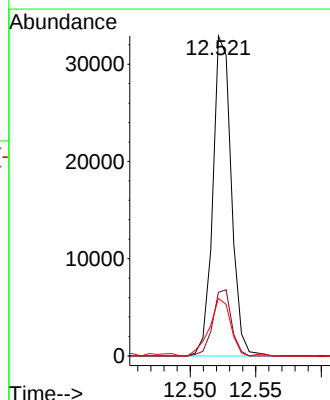
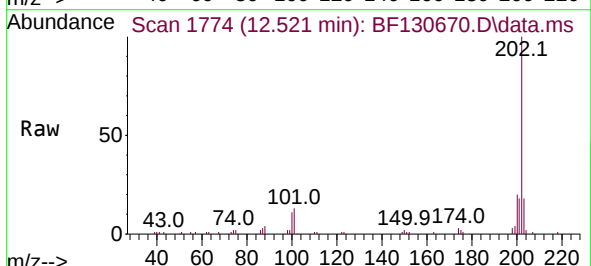
Tgt Ion:202 Resp: 32307

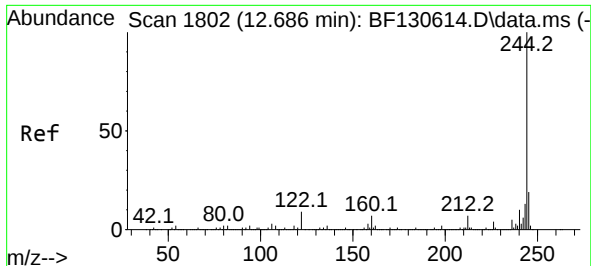
Ion Ratio Lower Upper

202 100

200 19.9 16.7 25.1

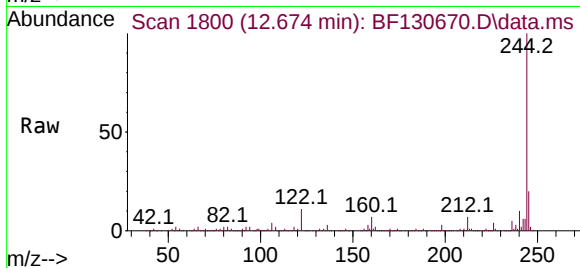
203 18.0 14.0 21.0



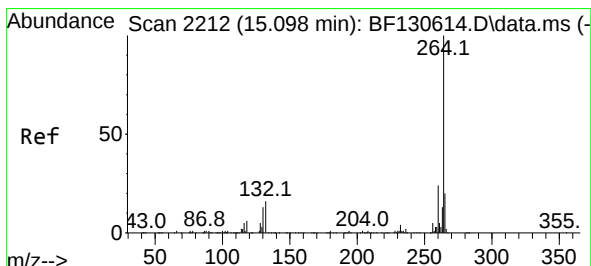
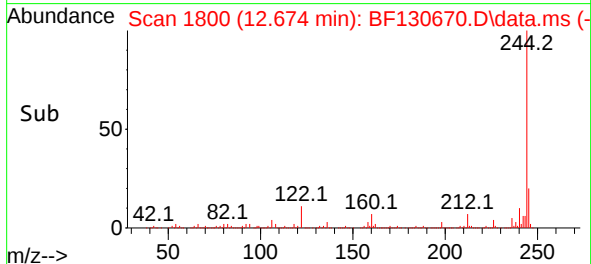
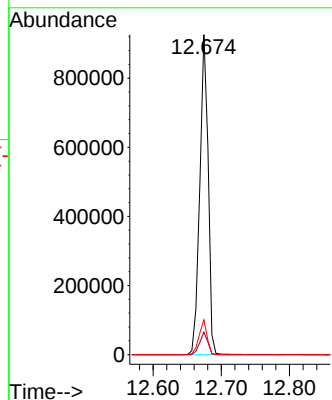


#79
 Terphenyl-d14
 Concen: 84.191 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP



Tgt Ion:244 Resp: 789049
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2211
 Delta R.T. -0.006 min
 Lab File: BF130670.D
 Acq: 14 Oct 2022 17:38

Tgt Ion:264 Resp: 127522
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.0 16.4 24.6

