

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130633.D
 Acq On : 12 Oct 2022 16:54
 Operator : CG\JU
 Sample : N5066-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C14(13-14)

Quant Time: Oct 13 05:45:44 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	85905	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	348016	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	184142	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	309588	20.000	ng	0.00
76) Chrysene-d12	13.721	240	161706	20.000	ng	0.00
86) Perylene-d12	15.098	264	162496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	719850	151.046	ng	0.02
7) Phenol-d6	6.240	99	789713	131.797	ng	0.00
23) Nitrobenzene-d5	7.157	82	626408	98.260	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	307775	170.813	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1244471	102.370	ng	0.00
79) Terphenyl-d14	12.680	244	1211894	124.387	ng	0.00

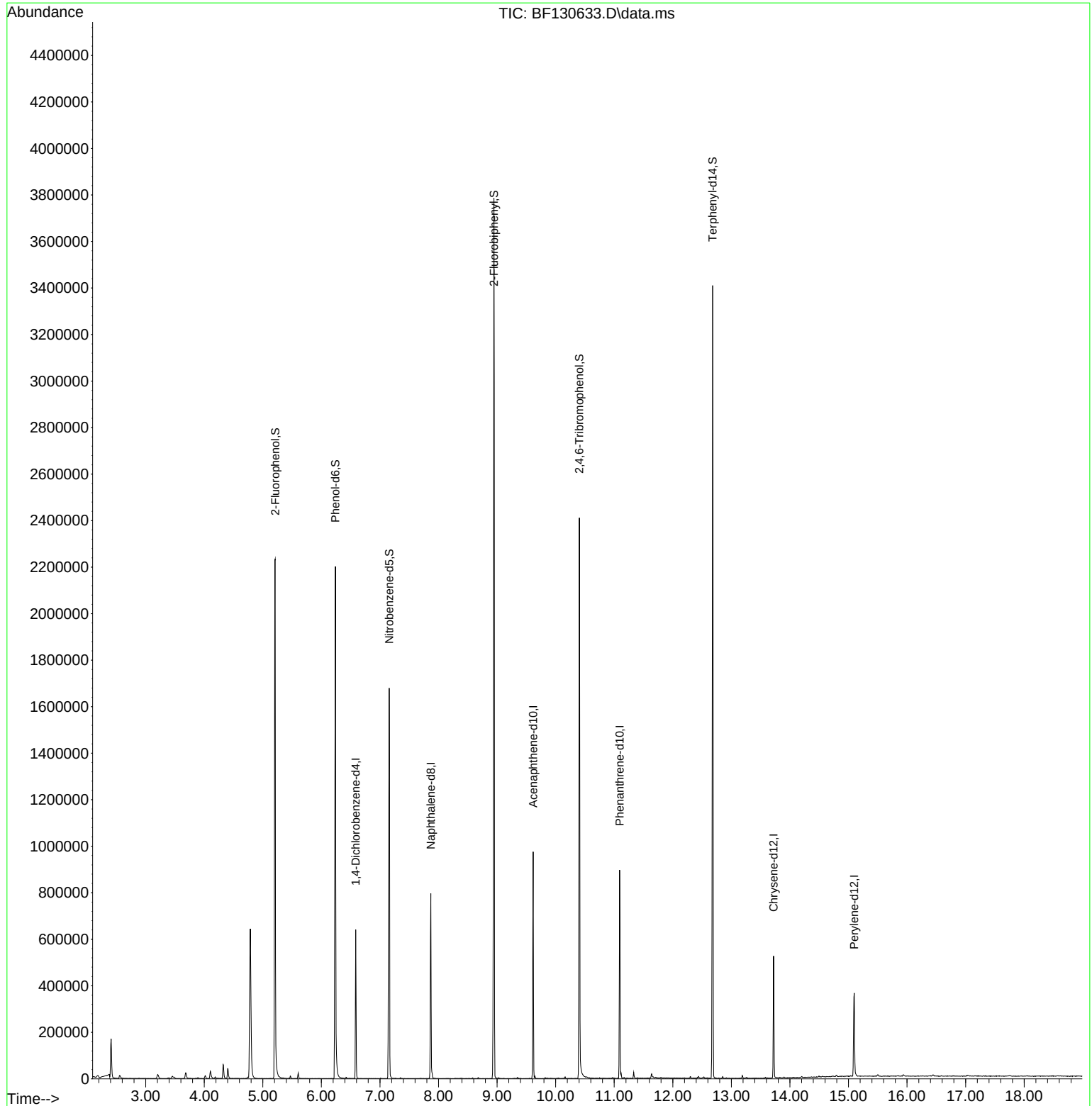
Target Compounds	Qvalue

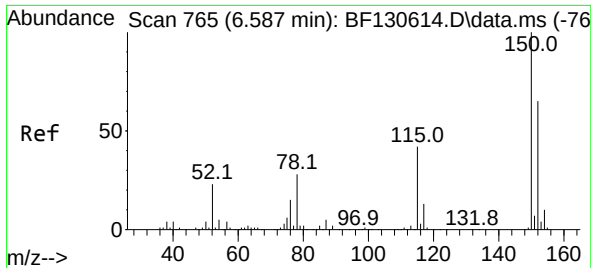
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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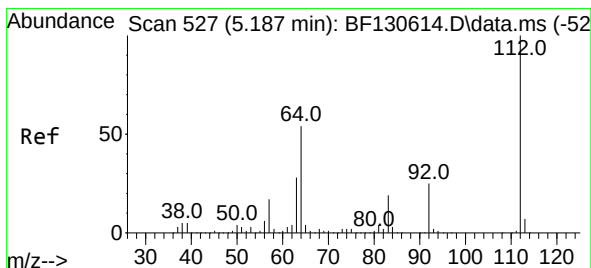
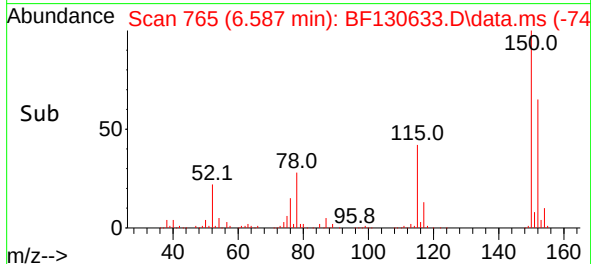
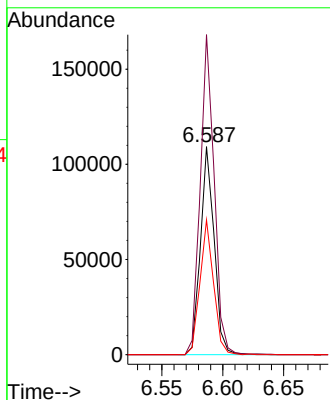
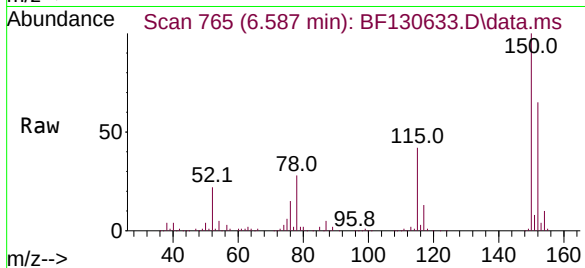




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

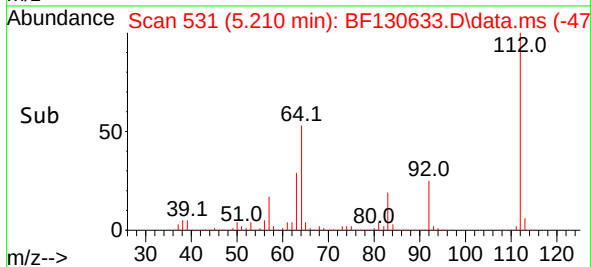
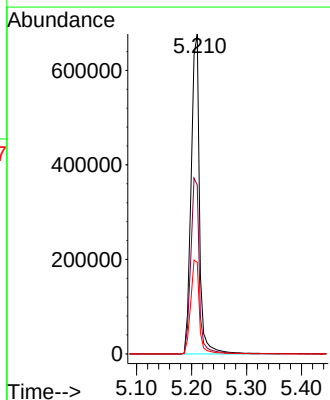
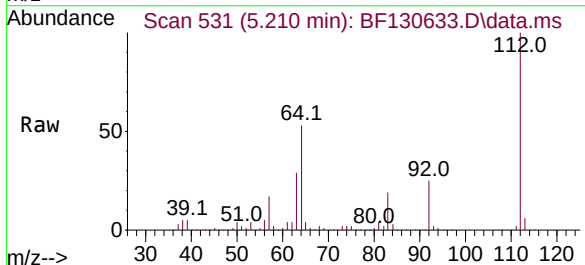
Instrument :
BNA_F
ClientSampleId :
C14(13-14)

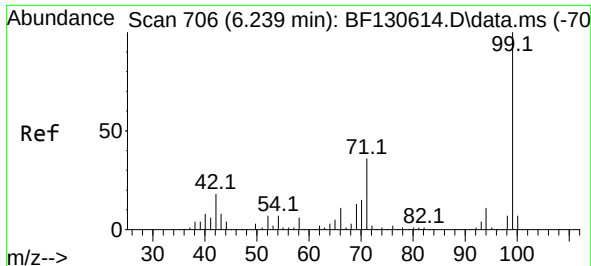
Tgt Ion:152 Resp: 85905
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.6
115 64.8 52.2 78.4



#5
2-Fluorophenol
Concen: 151.046 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

Tgt Ion:112 Resp: 719850
Ion Ratio Lower Upper
112 100
64 52.8 43.5 65.3
63 28.6 22.6 34.0

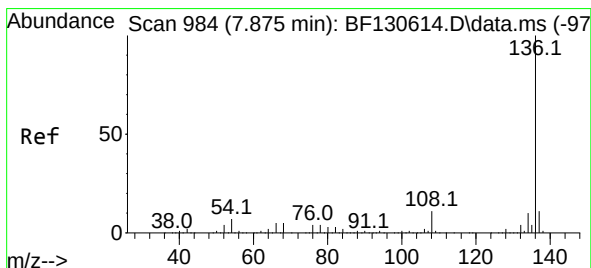
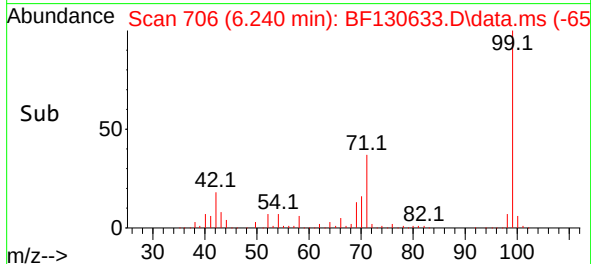
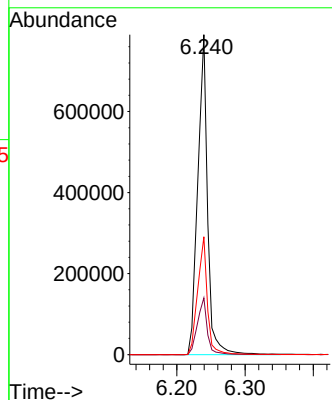
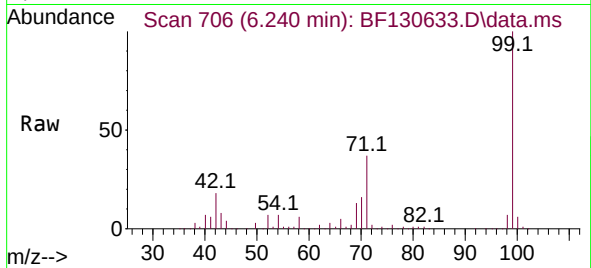




#7
Phenol-d6
Concen: 131.797 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

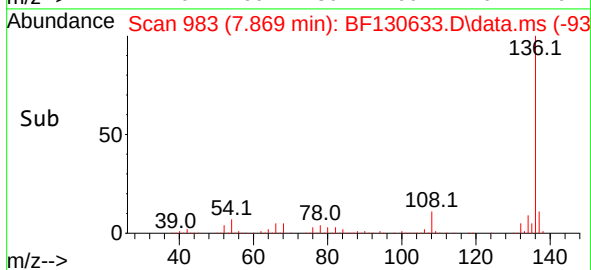
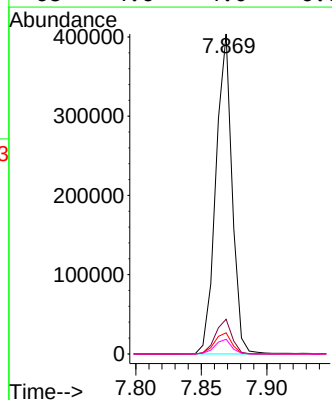
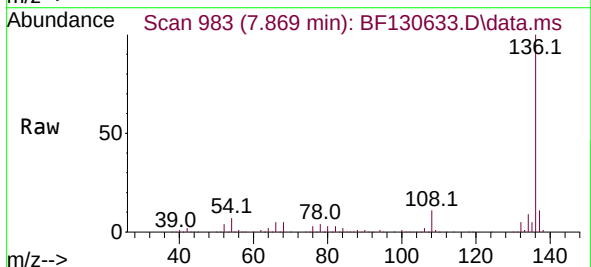
Instrument :
BNA_F
ClientSampleId :
C14(13-14)

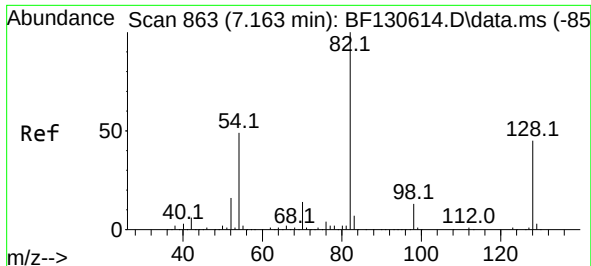
Tgt Ion: 99 Resp: 789713
Ion Ratio Lower Upper
99 100
42 17.7 14.0 21.0
71 36.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

Tgt Ion: 136 Resp: 348016
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.6 5.5 8.3
68 4.6 4.0 6.0

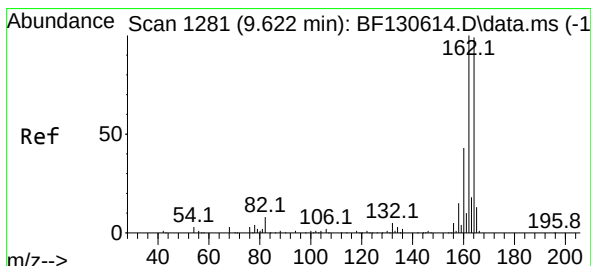
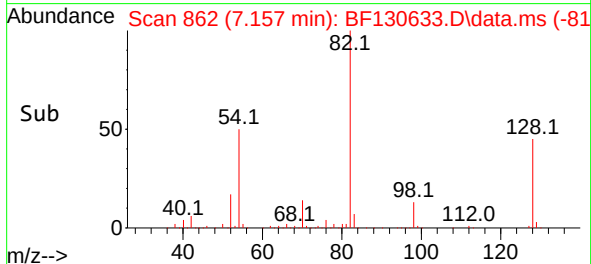
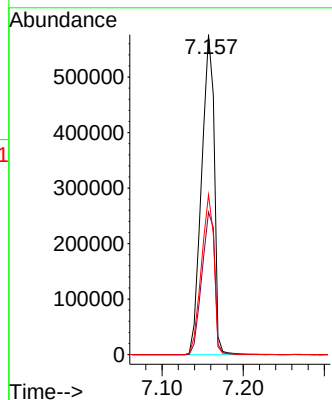
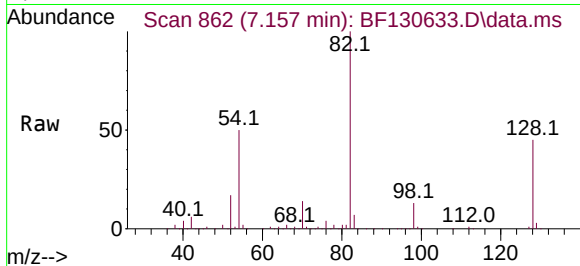




#23
 Nitrobenzene-d5
 Concen: 98.260 ng
 RT: 7.157 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF130633.D
 Acq: 12 Oct 2022 16:54

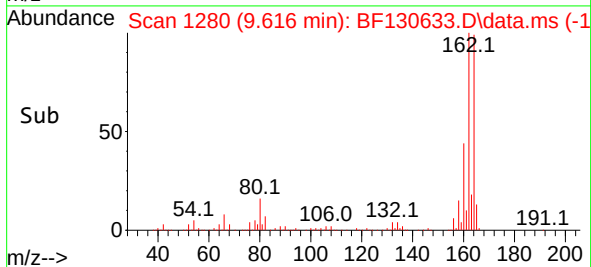
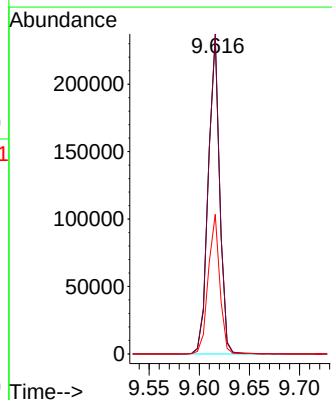
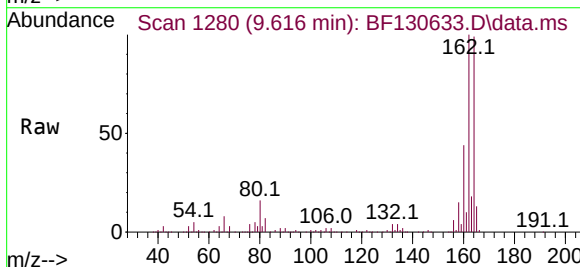
Instrument :
 BNA_F
 ClientSampleId :
 C14(13-14)

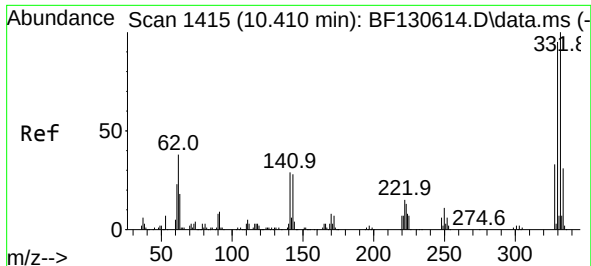
Tgt Ion: 82 Resp: 626408
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.8 53.6
 54 49.9 39.3 58.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.616 min Scan# 1280
 Delta R.T. -0.006 min
 Lab File: BF130633.D
 Acq: 12 Oct 2022 16:54

Tgt Ion: 164 Resp: 184142
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.0 121.4
 160 44.1 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 170.813 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130633.D

Acq: 12 Oct 2022 16:54

Instrument :

BNA_F

ClientSampleId :

C14(13-14)

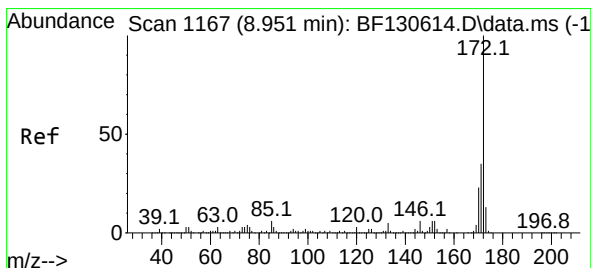
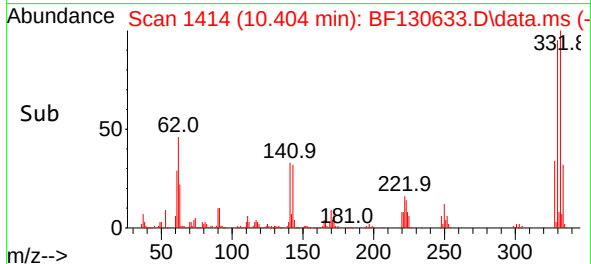
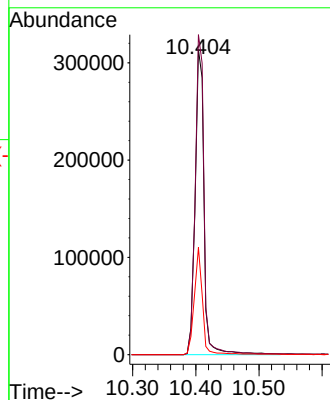
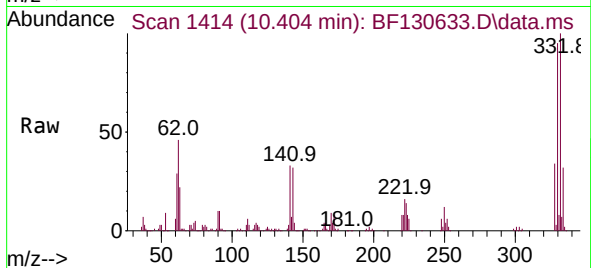
Tgt Ion:330 Resp: 307775

Ion Ratio Lower Upper

330 100

332 104.7 84.2 126.4

141 32.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 102.370 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130633.D

Acq: 12 Oct 2022 16:54

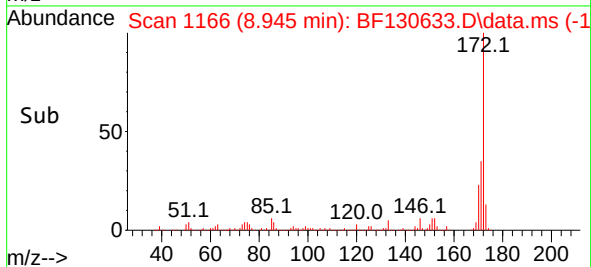
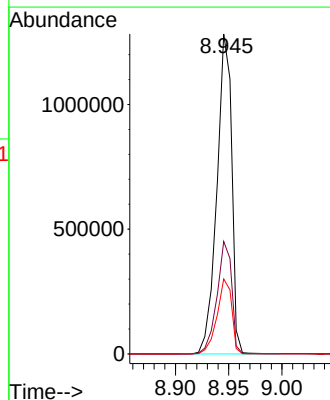
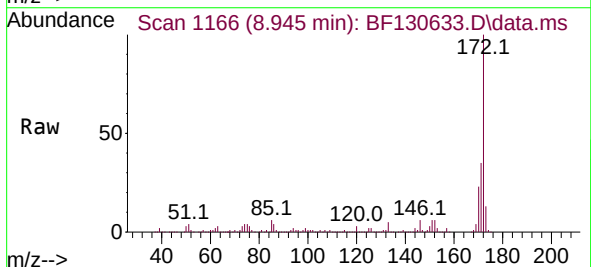
Tgt Ion:172 Resp: 1244471

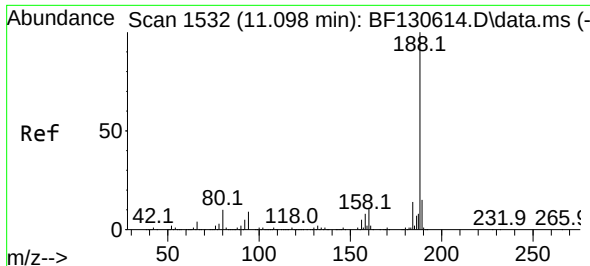
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.8

170 23.4 18.6 27.8

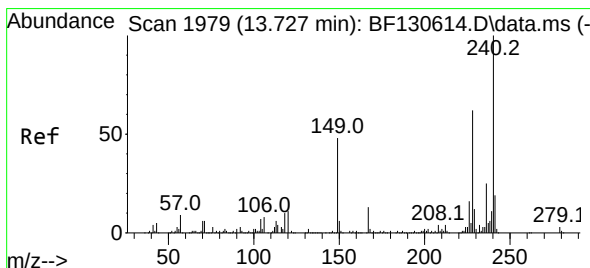
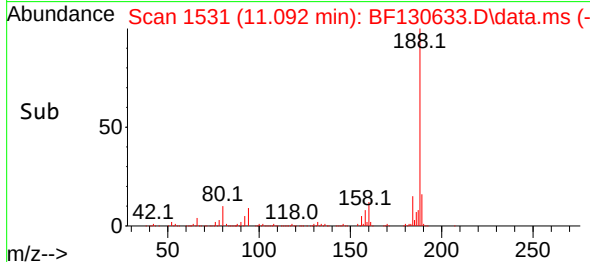
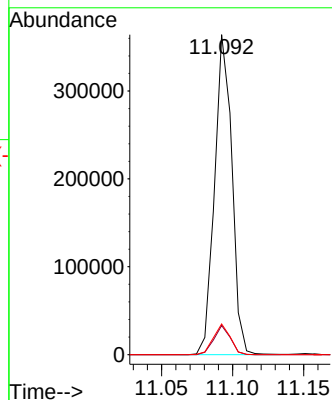
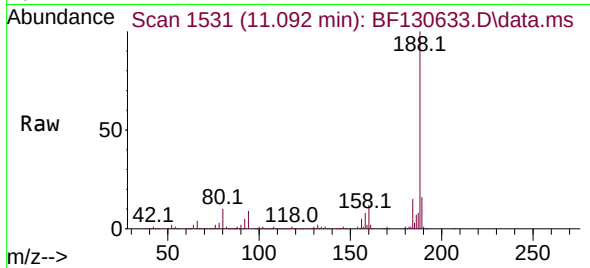




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

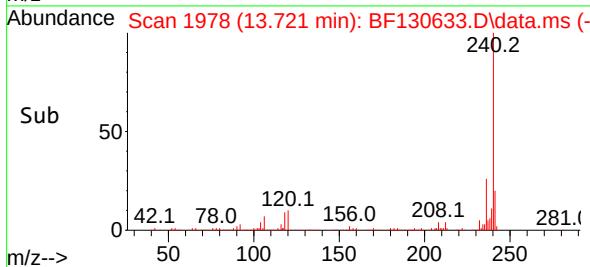
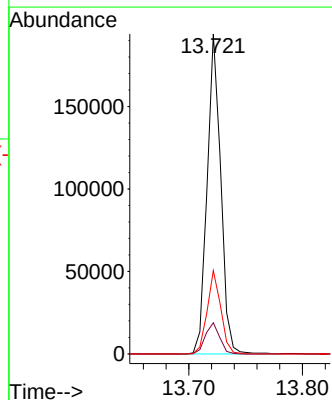
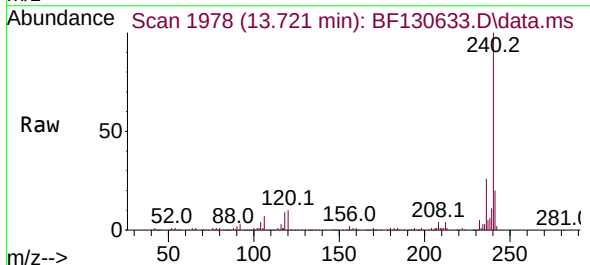
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C14(13-14)

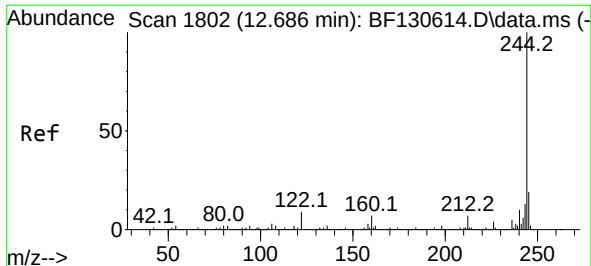
Tgt Ion:188 Resp: 309588
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130633.D
Acq: 12 Oct 2022 16:54

Tgt Ion:240 Resp: 161706
Ion Ratio Lower Upper
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120 9.7 8.6 13.0
236 26.0 20.2 30.4

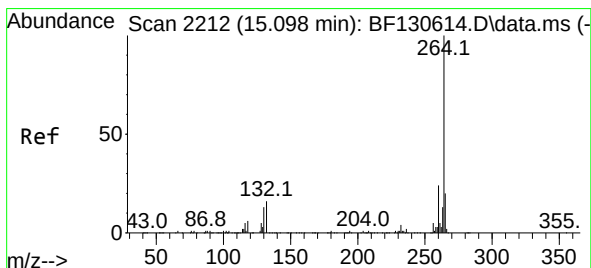
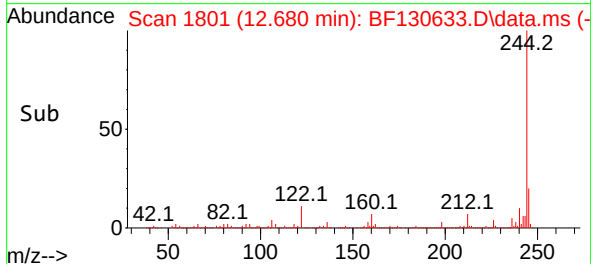
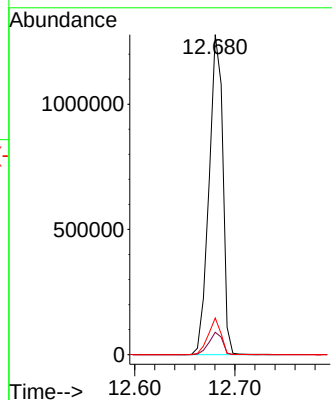
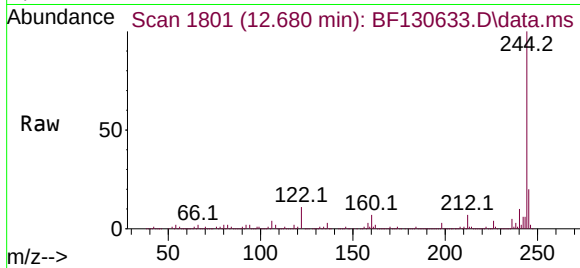




#79
 Terphenyl-d14
 Concen: 124.387 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130633.D
 Acq: 12 Oct 2022 16:54

Instrument :
 BNA_F
 ClientSampleId :
 C14(13-14)

Tgt Ion:244 Resp: 1211894
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.4 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130633.D
 Acq: 12 Oct 2022 16:54

Tgt Ion:264 Resp: 162496
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 20.6 16.4 24.6

