

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130473.D
 Acq On : 29 Sep 2022 18:42
 Operator : CG\JU
 Sample : N4867-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21145

Quant Time: Sep 30 03:09:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	103821	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	399503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	214452	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	347014	20.000	ng	0.00
76) Chrysene-d12	13.780	240	193206	20.000	ng	-0.01
86) Perylene-d12	15.168	264	172519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	621356	103.806	ng	0.00
7) Phenol-d6	6.287	99	815663	108.906	ng	0.00
23) Nitrobenzene-d5	7.204	82	526345	67.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	197238	95.986	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1057203	71.787	ng	-0.01
79) Terphenyl-d14	12.739	244	990253	84.901	ng	0.00

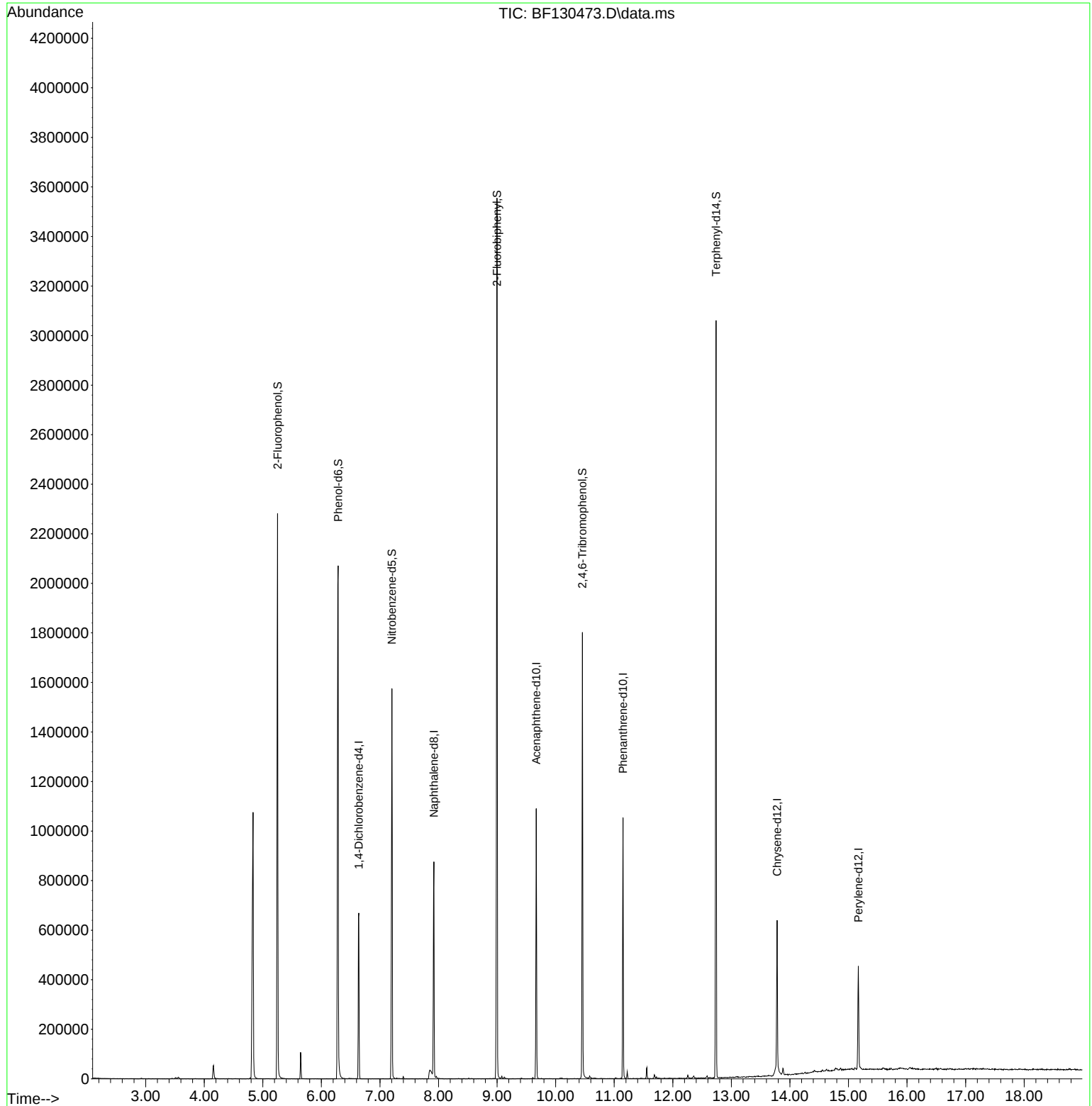
Target Compounds Qvalue

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

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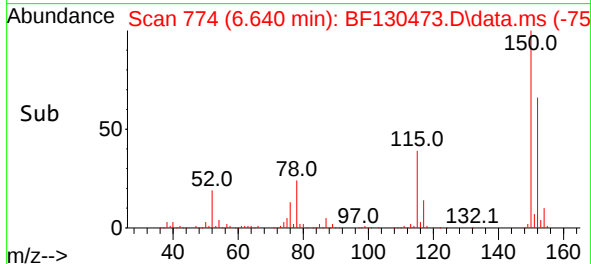
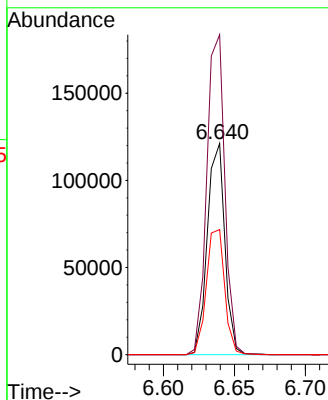
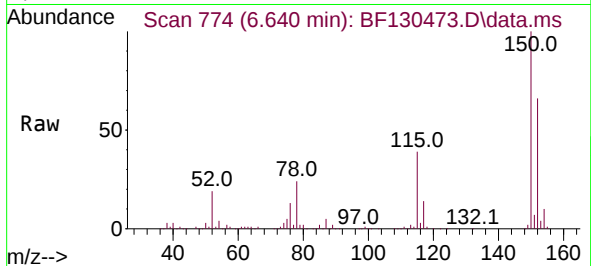




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

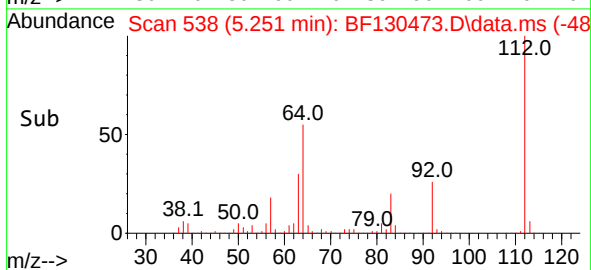
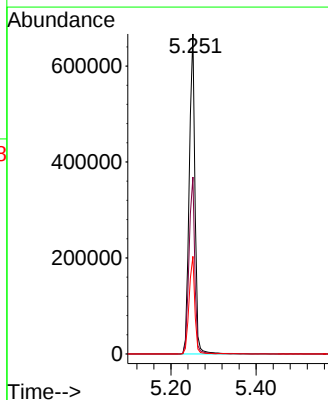
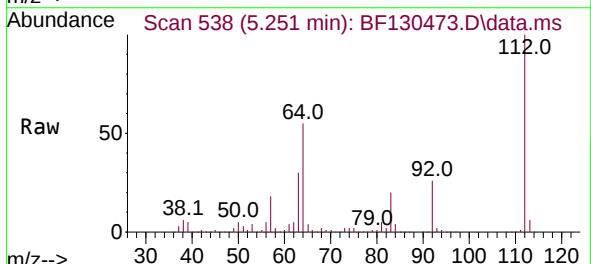
Instrument :
BNA_F
ClientSampleId :
RBR-21145

Tgt Ion:152 Resp: 103821
Ion Ratio Lower Upper
152 100
150 151.6 122.8 184.2
115 59.2 53.8 80.8



#5
2-Fluorophenol
Concen: 103.806 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:112 Resp: 621356
Ion Ratio Lower Upper
112 100
64 55.3 51.4 77.0
63 30.5 28.8 43.2

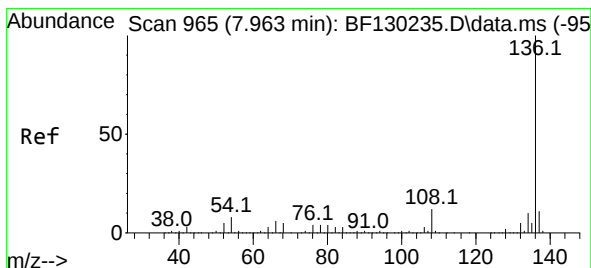
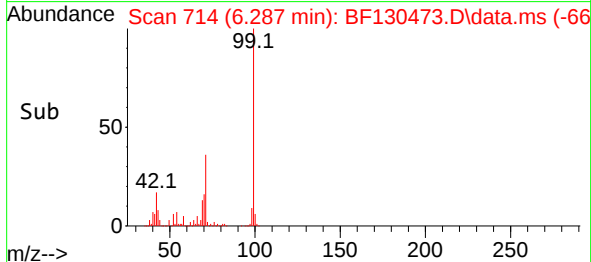
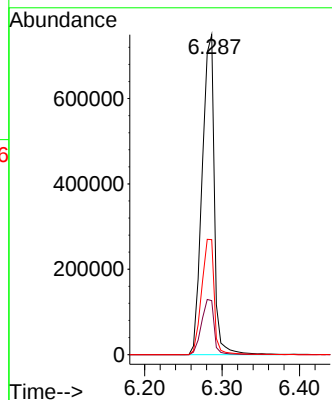
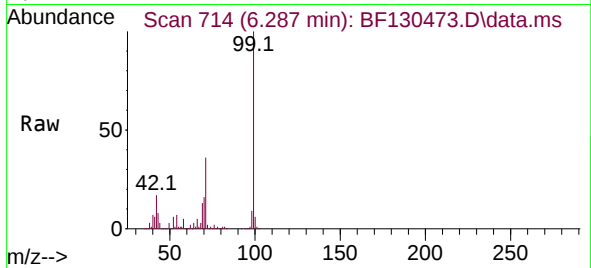




#7
Phenol-d6
Concen: 108.906 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

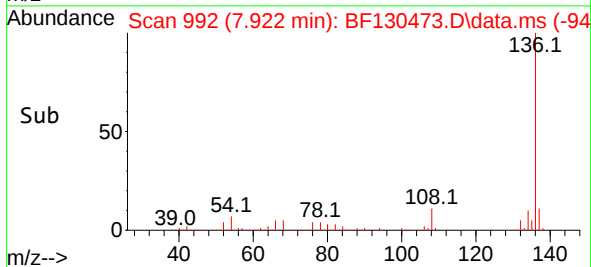
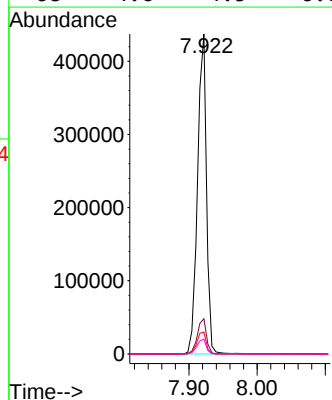
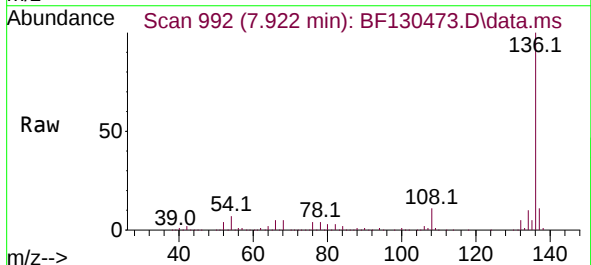
Instrument :
BNA_F
ClientSampleId :
RBR-21145

Tgt Ion: 99 Resp: 815663
Ion Ratio Lower Upper
99 100
42 16.9 17.0 25.6#
71 35.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion: 136 Resp: 399503
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.8 7.1 10.7#
68 4.6 4.5 6.7

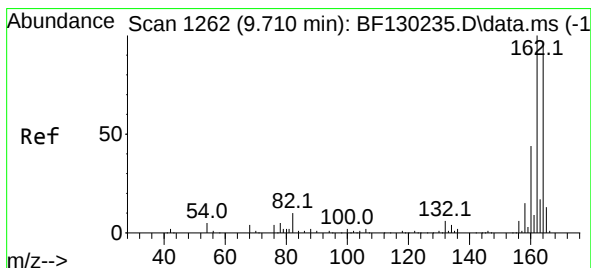
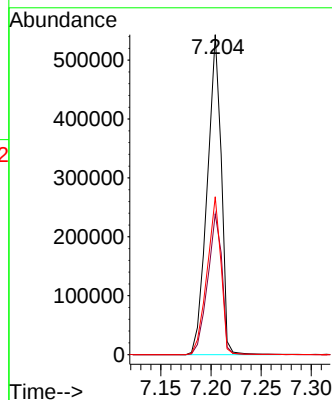
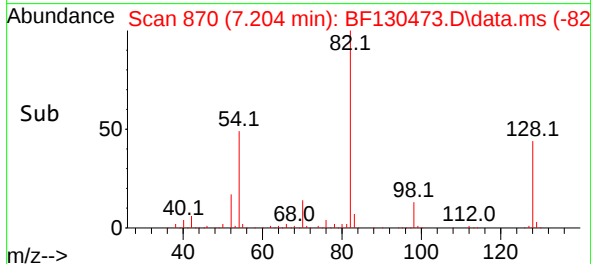
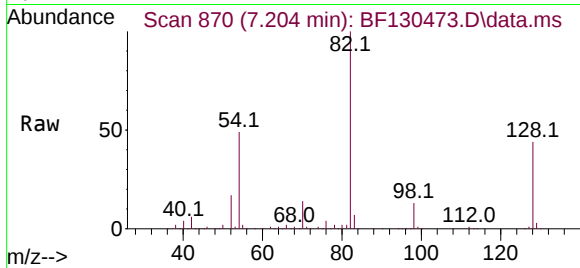




#23
Nitrobenzene-d5
Concen: 67.309 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

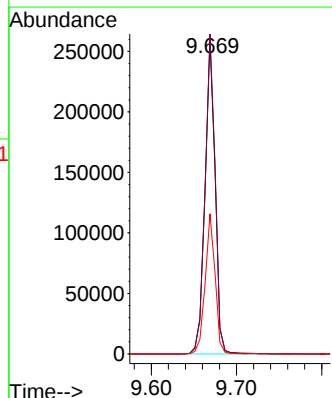
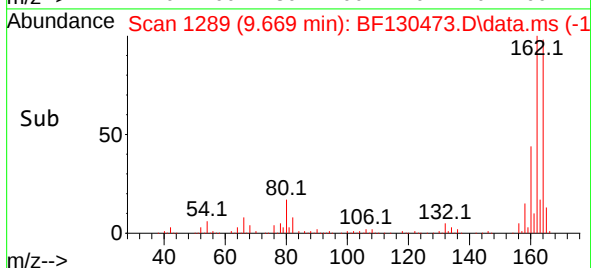
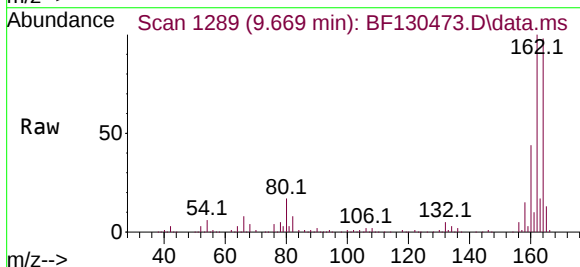
Instrument :
BNA_F
ClientSampleId :
RBR-21145

Tgt Ion: 82 Resp: 526345
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 49.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:164 Resp: 214452
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 95.986 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130473.D

Acq: 29 Sep 2022 18:42

Instrument :

BNA_F

ClientSampleId :

RBR-21145

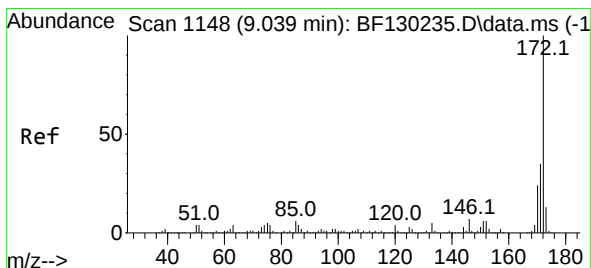
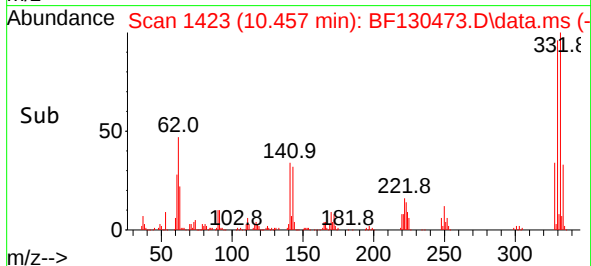
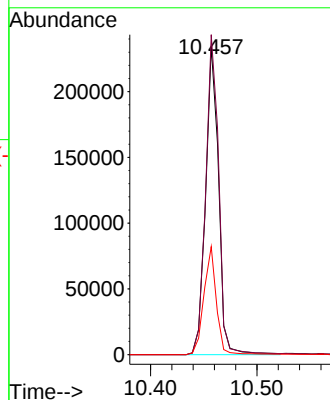
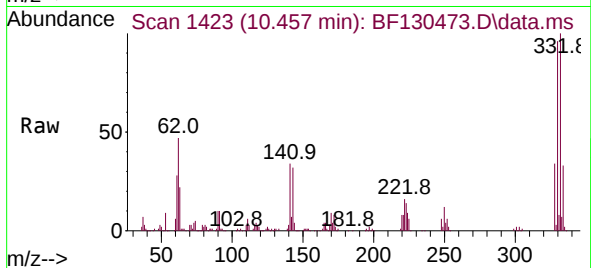
Tgt Ion:330 Resp: 197238

Ion Ratio Lower Upper

330 100

332 105.0 83.4 125.2

141 34.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 71.787 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130473.D

Acq: 29 Sep 2022 18:42

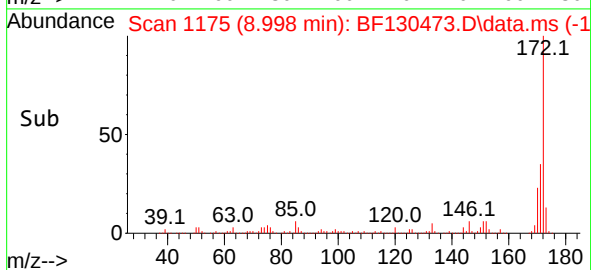
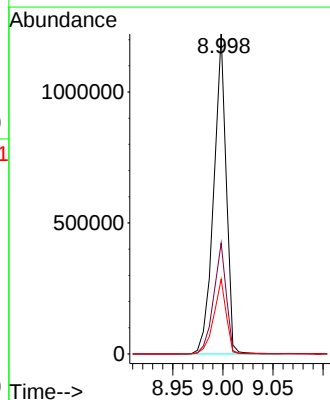
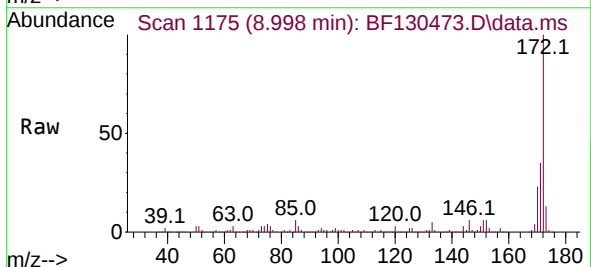
Tgt Ion:172 Resp: 1057203

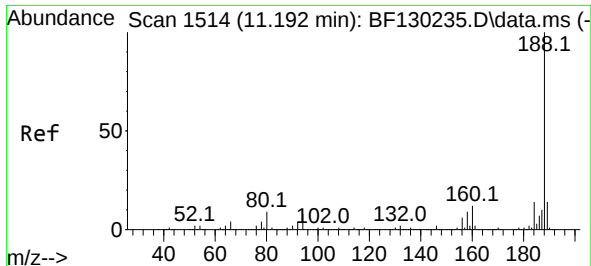
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.3 18.7 28.1

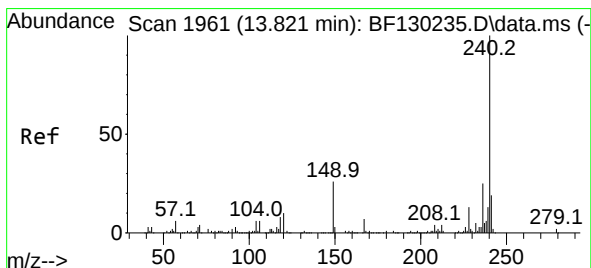
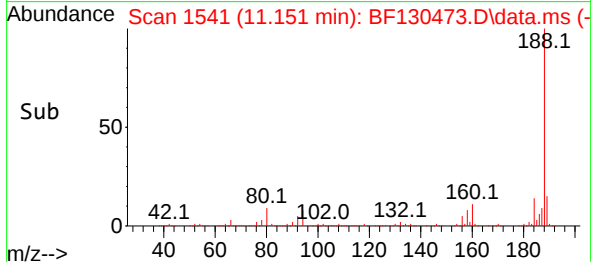
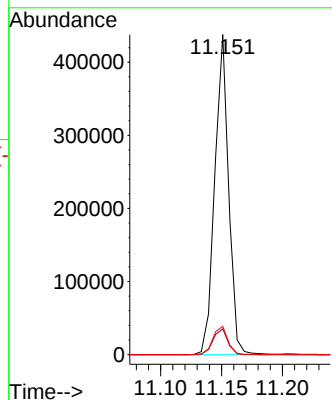
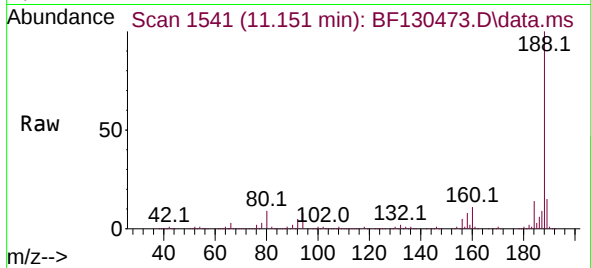




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

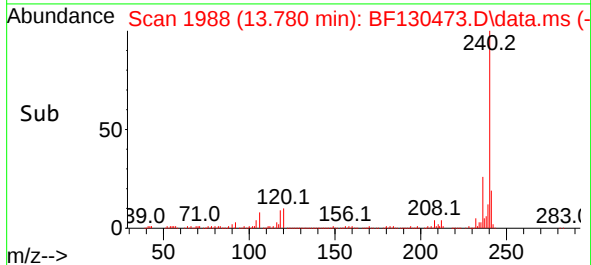
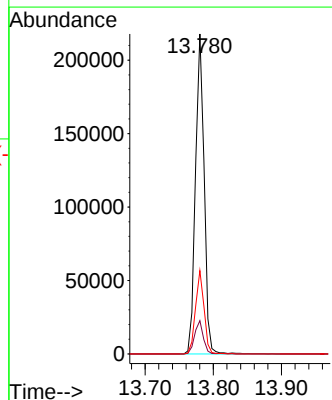
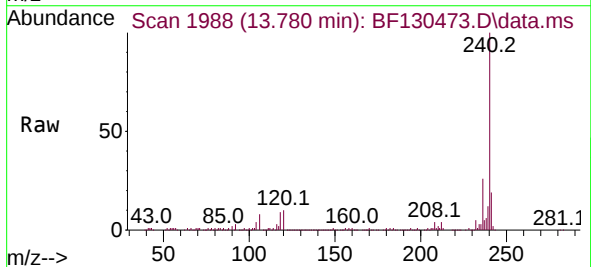
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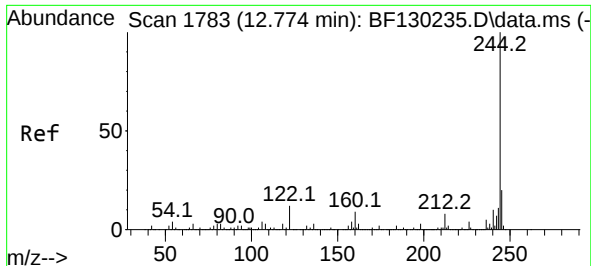
Tgt Ion:188 Resp: 347014
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:240 Resp: 193206
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 26.0 20.9 31.3

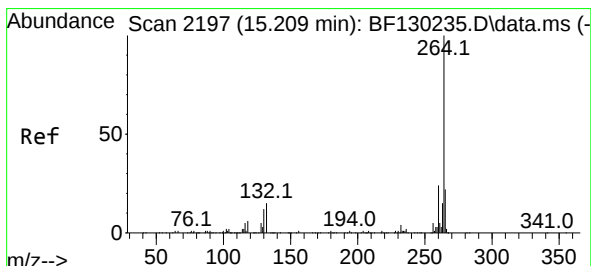
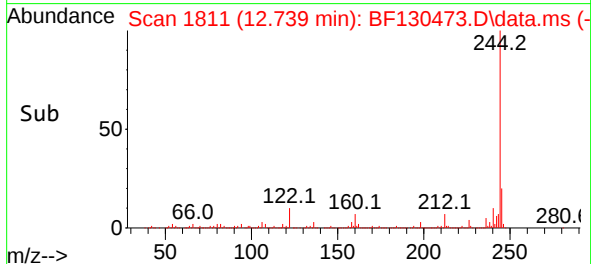
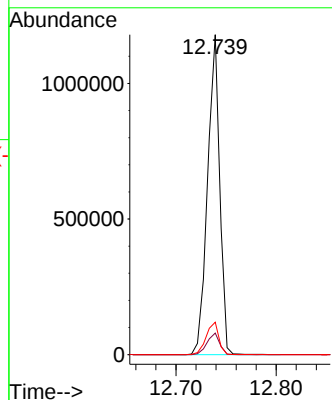
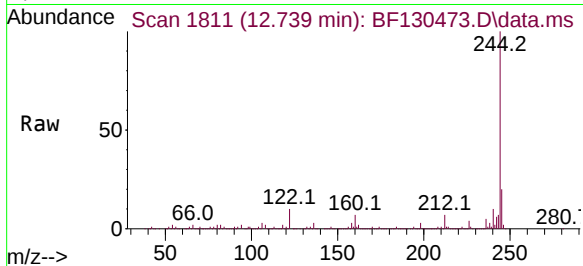




#79
 Terphenyl-d14
 Concen: 84.901 ng
 RT: 12.739 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF130473.D
 Acq: 29 Sep 2022 18:42

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21145

Tgt Ion:244 Resp: 990253
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130473.D
 Acq: 29 Sep 2022 18:42

Tgt Ion:264 Resp: 172519
 Ion Ratio Lower Upper
 264 100
 260 21.8 19.3 28.9
 265 21.8 17.0 25.4

