

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130172.D
 Acq On : 07 Sep 2022 20:38
 Operator : CG\JU
 Sample : N4513-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Quant Time: Sep 08 02:54:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	161745	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	618433	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	289256	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	395625	20.000	ng	0.00
76) Chrysene-d12	13.827	240	290886	20.000	ng	#-0.02
86) Perylene-d12	15.227	264	349851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	947829	99.483	ng	0.00
7) Phenol-d6	6.322	99	1164319	98.022	ng	-0.01
23) Nitrobenzene-d5	7.257	82	679913	70.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	112648	42.783	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	912071	52.278	ng	0.00
79) Terphenyl-d14	12.786	244	494773	29.496	ng	-0.01

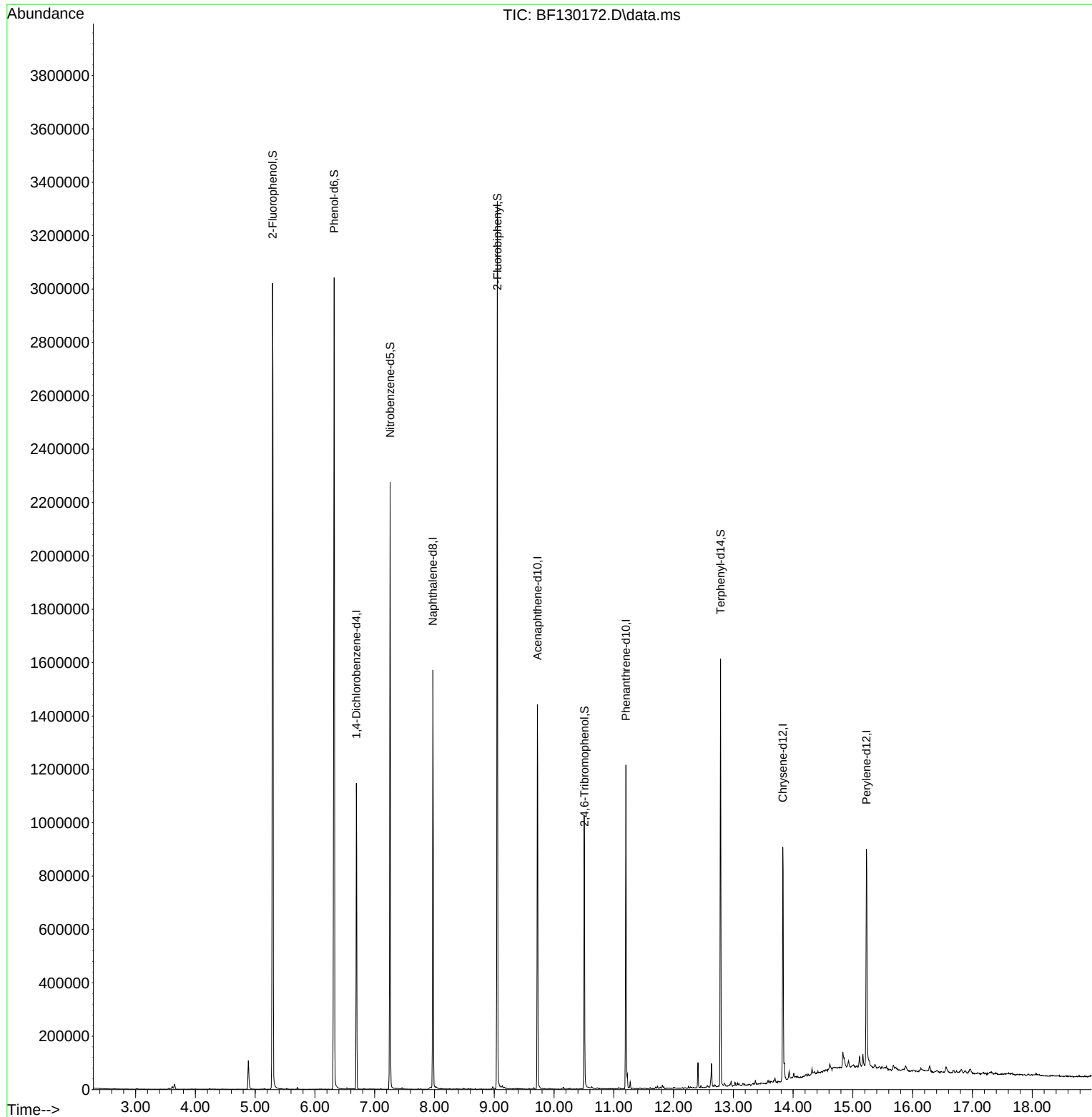
Target Compounds	Qvalue

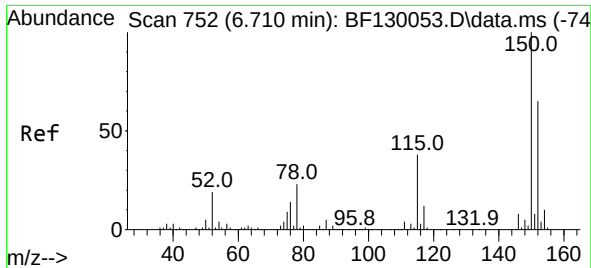
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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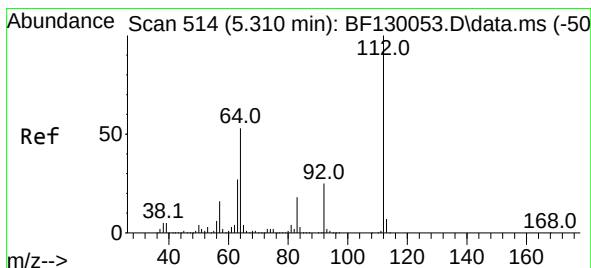
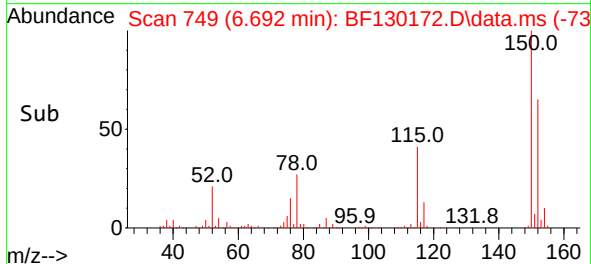
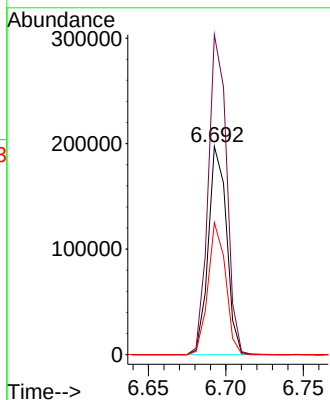
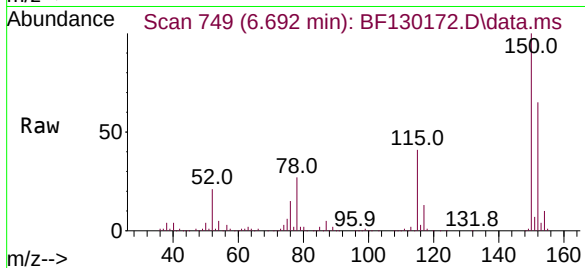




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130172.D
 Acq: 07 Sep 2022 20:38

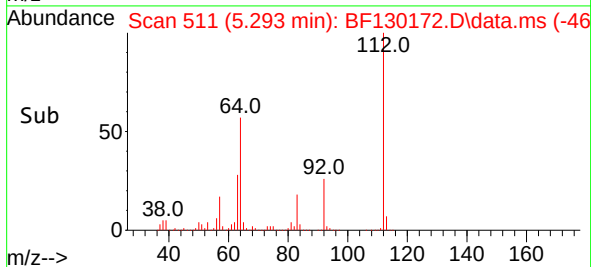
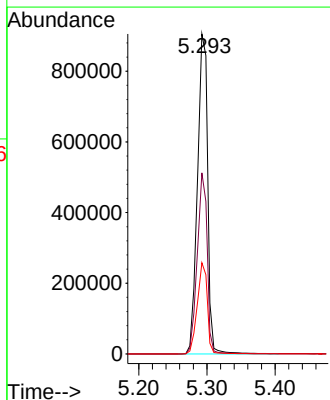
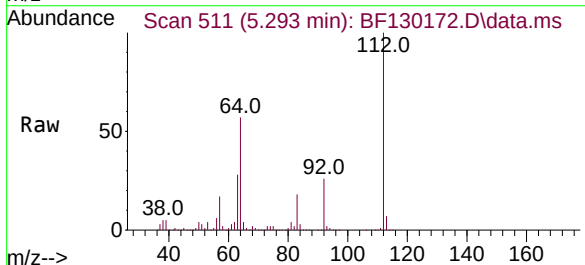
Instrument :
 BNA_F
 ClientSampleId :
 72-11939

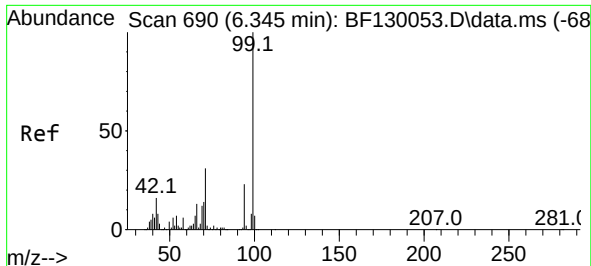
Tgt Ion:152 Resp: 161745
 Ion Ratio Lower Upper
 152 100
 150 153.6 126.9 190.3
 115 63.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 99.483 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130172.D
 Acq: 07 Sep 2022 20:38

Tgt Ion:112 Resp: 947829
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 28.5 24.6 37.0

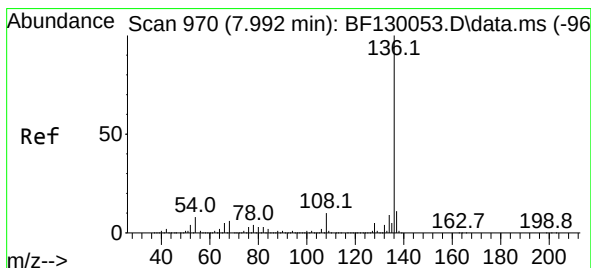
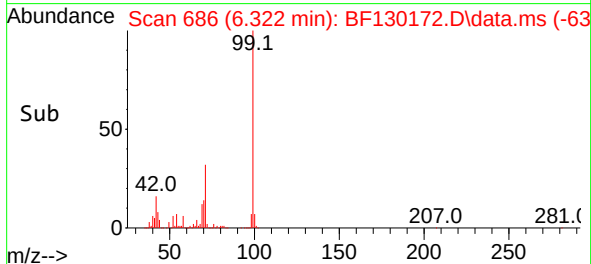
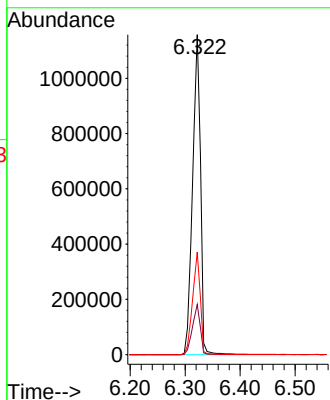
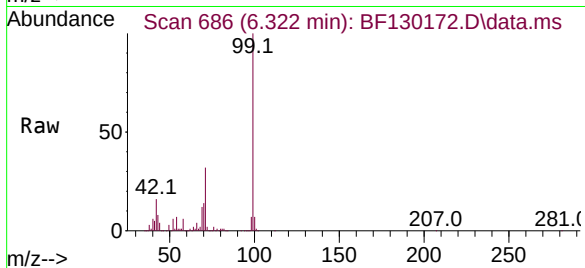




#7
Phenol-d6
Concen: 98.022 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

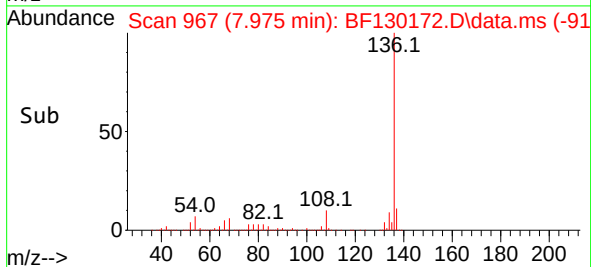
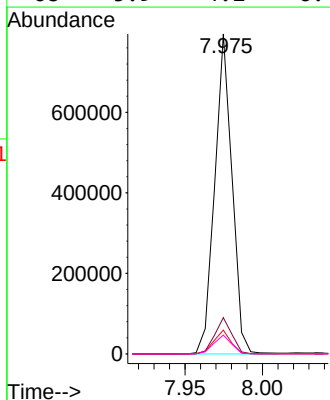
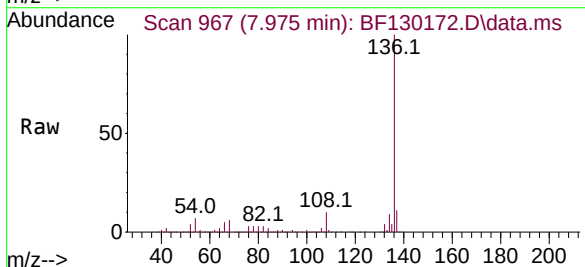
Instrument :
BNA_F
ClientSampleId :
72-11939

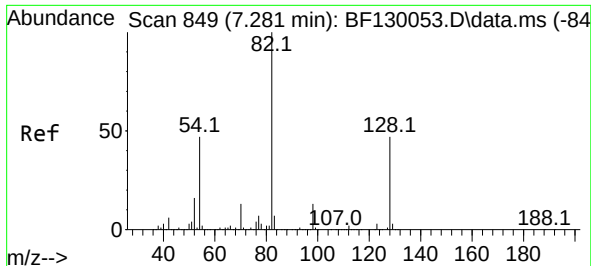
Tgt Ion: 99 Resp: 1164319
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 32.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 136 Resp: 618433
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.4 6.2 9.2
68 5.9 4.2 6.4

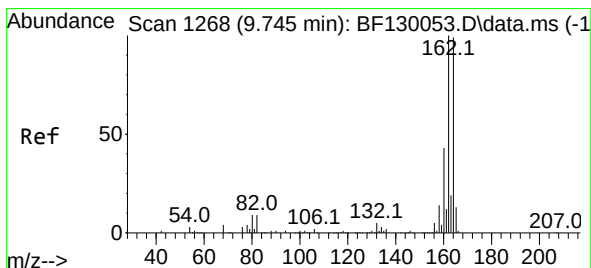
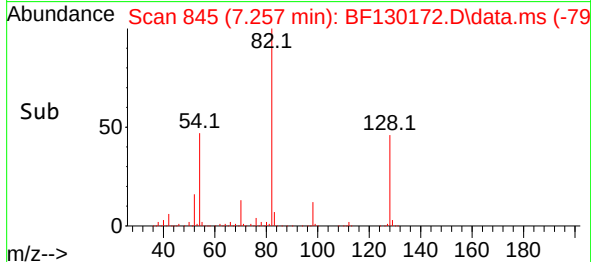
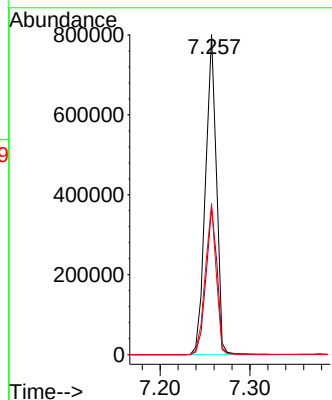
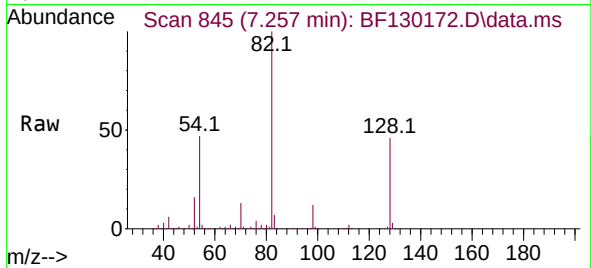




#23
Nitrobenzene-d5
Concen: 70.655 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

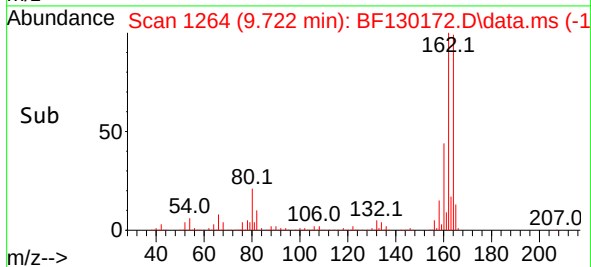
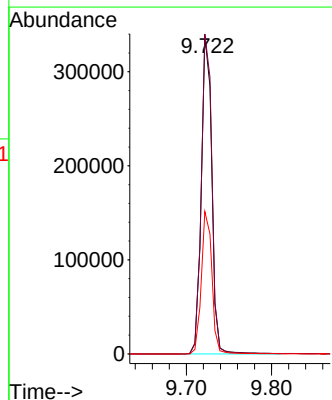
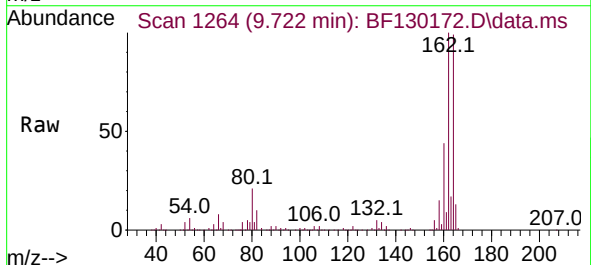
Instrument :
BNA_F
ClientSampleId :
72-11939

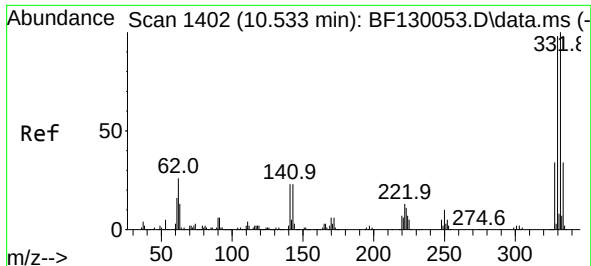
Tgt Ion: 82 Resp: 679913
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 47.2 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion: 164 Resp: 289256
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 42.783 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

Instrument :

BNA_F

ClientSampleId :

72-11939

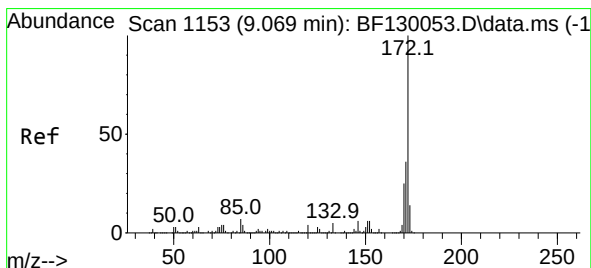
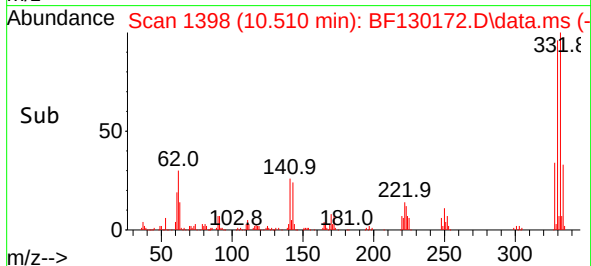
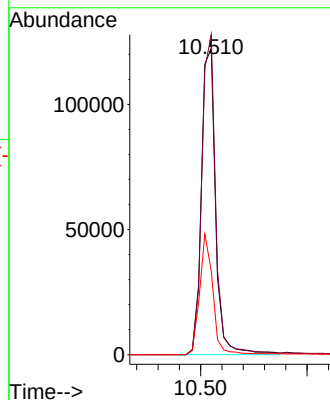
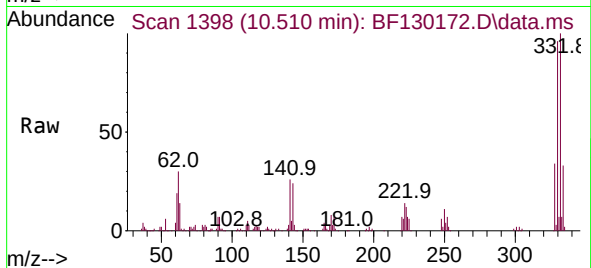
Tgt Ion:330 Resp: 112648

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 36.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 52.278 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130172.D

Acq: 07 Sep 2022 20:38

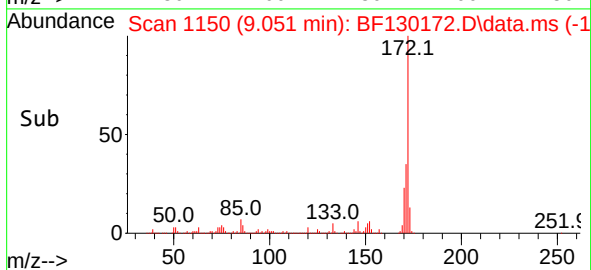
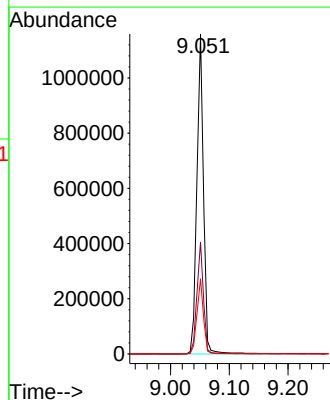
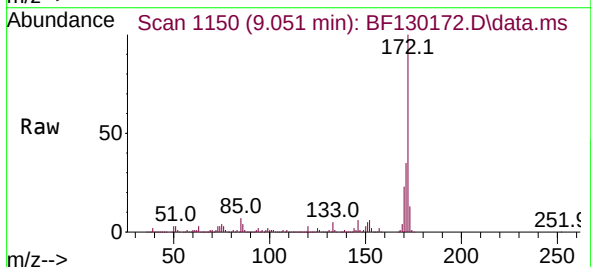
Tgt Ion:172 Resp: 912071

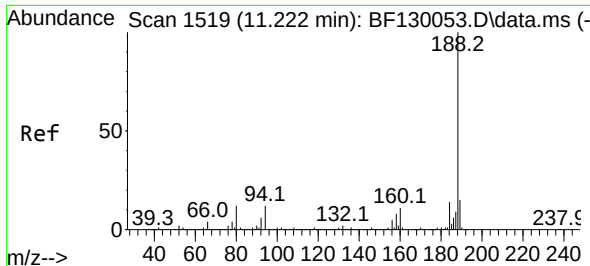
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.1 28.7

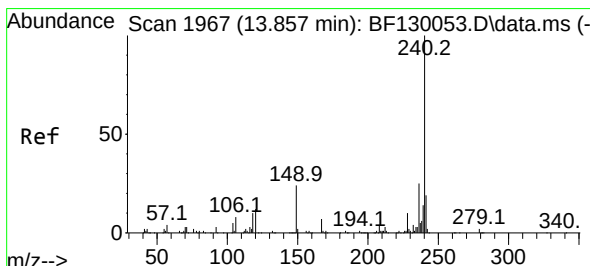
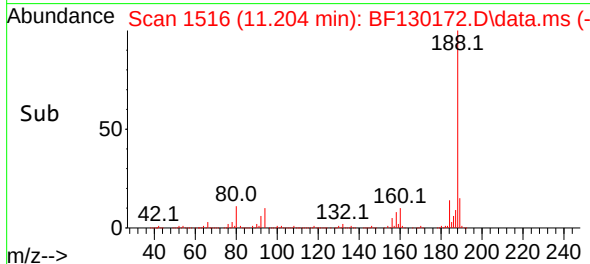
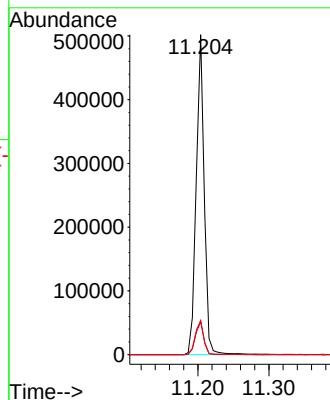
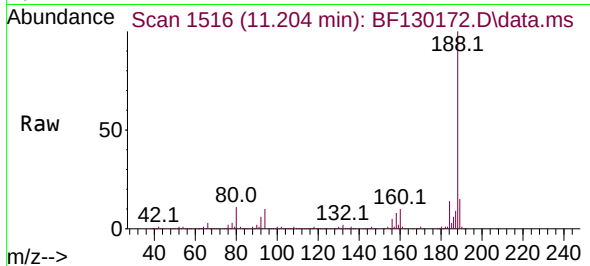




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

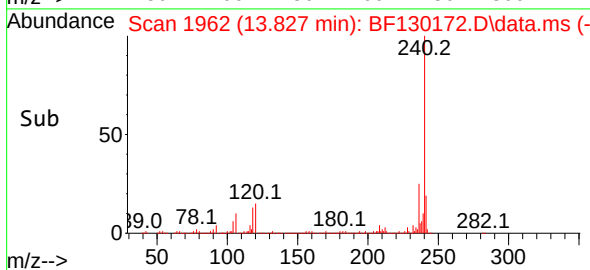
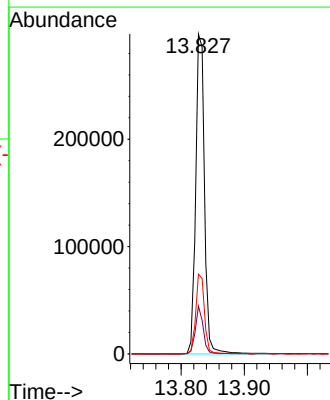
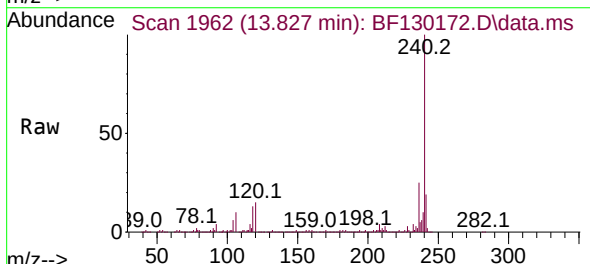
Instrument :
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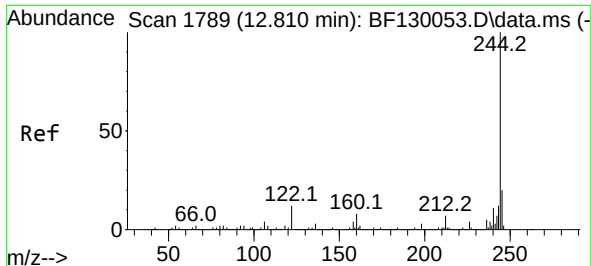
Tgt Ion:188 Resp: 395625
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion:240 Resp: 290886
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 24.9 20.7 31.1

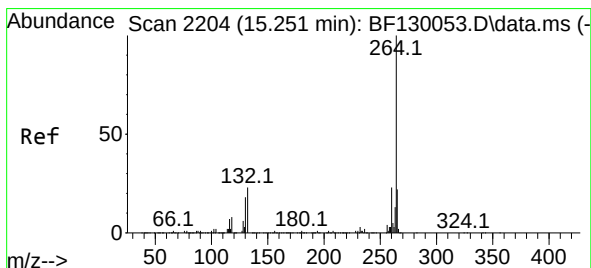
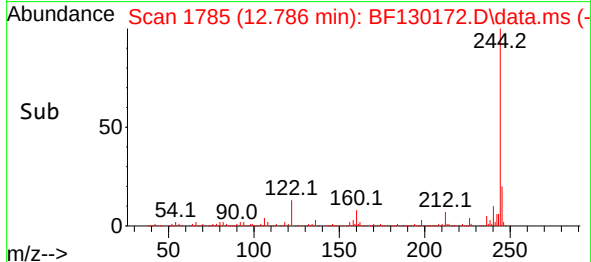
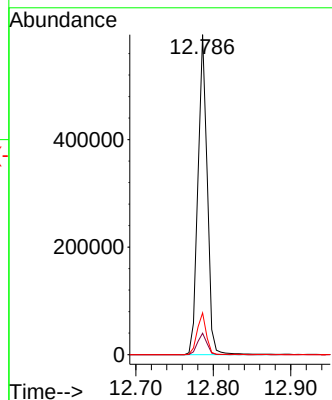
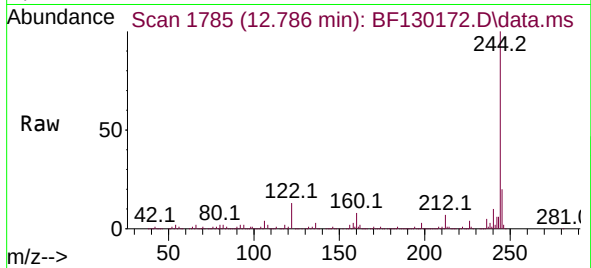




#79
Terphenyl-d14
Concen: 29.496 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Instrument :
BNA_F
ClientSampleId :
72-11939

Tgt Ion:244 Resp: 494773
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.0 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.227 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF130172.D
Acq: 07 Sep 2022 20:38

Tgt Ion:264 Resp: 349851
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.6 16.7 25.1

