

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130059.D
 Acq On : 31 Aug 2022 19:29
 Operator : CG\JU
 Sample : PB147311TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147311TB

Quant Time: Sep 01 03:29:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	256735	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1055646	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	564907	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	965674	20.000	ng	0.00
76) Chrysene-d12	13.845	240	703183	20.000	ng	-0.01
86) Perylene-d12	15.245	264	564403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1899474	125.602	ng	0.01
7) Phenol-d6	6.340	99	2367201	125.555	ng	0.00
23) Nitrobenzene-d5	7.269	82	1458103	88.767	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	691229	134.422	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2643169	77.575	ng	0.00
79) Terphenyl-d14	12.810	244	2915767	71.906	ng	0.00

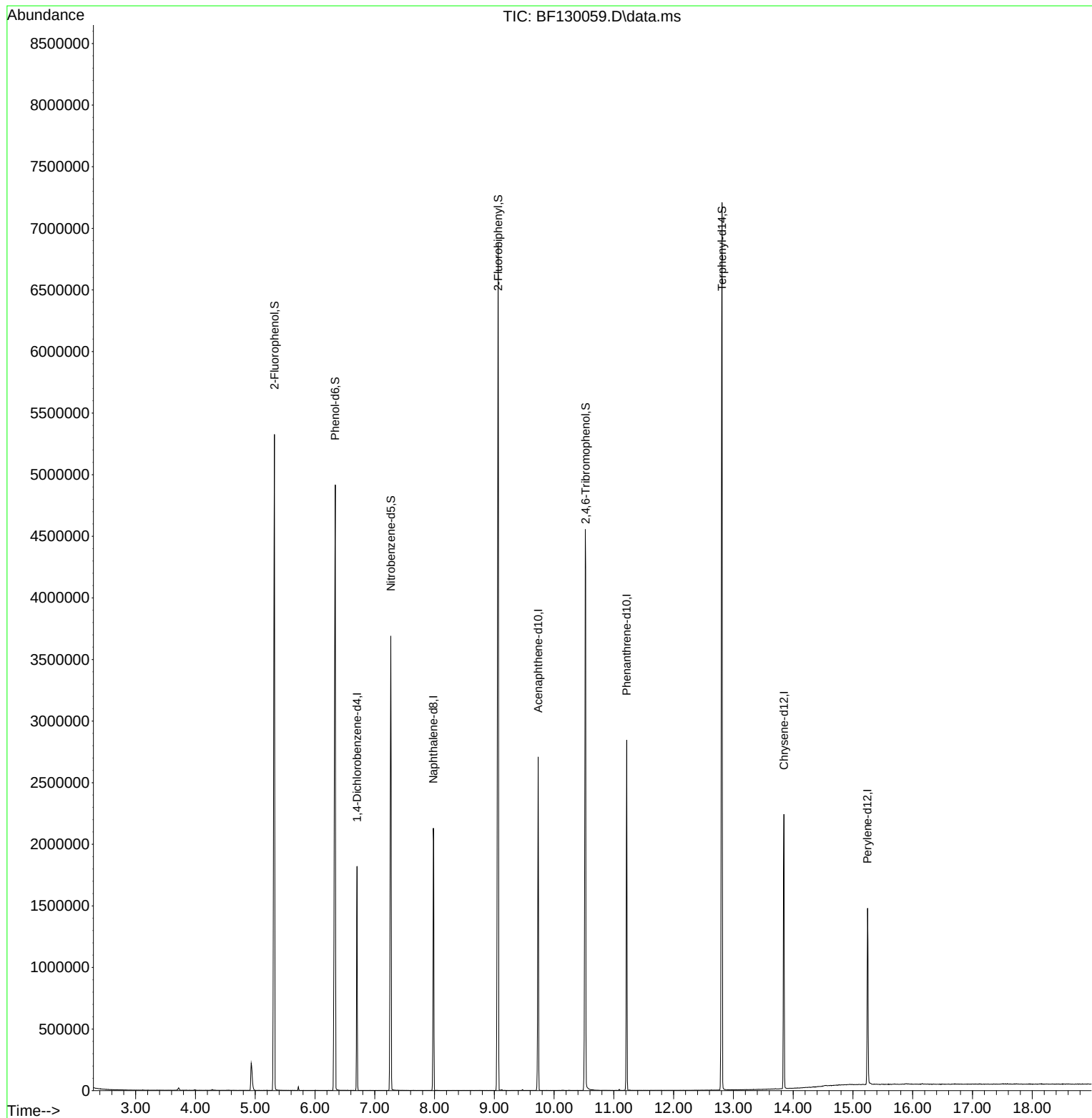
Target Compounds	Qvalue

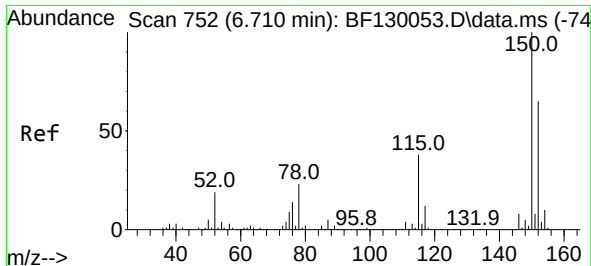
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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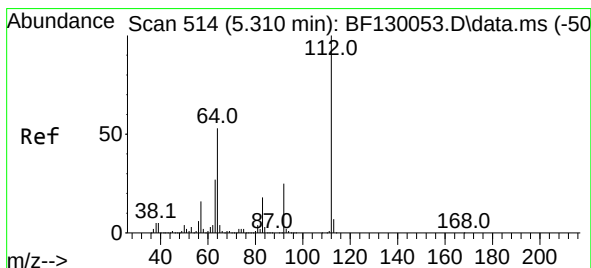
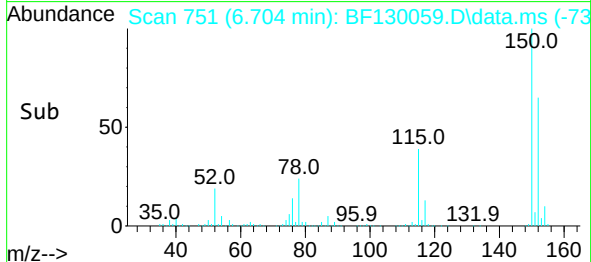
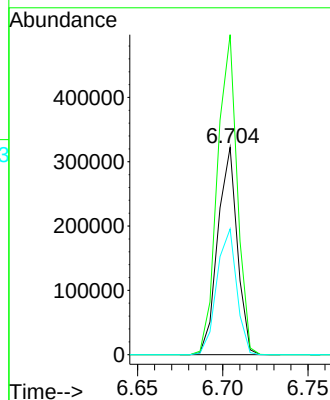
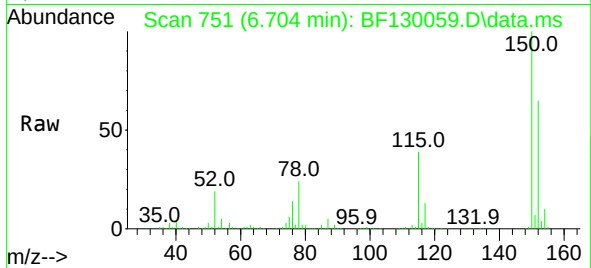




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130059.D
 Acq: 31 Aug 2022 19:29

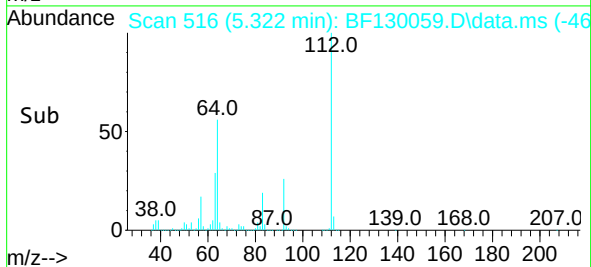
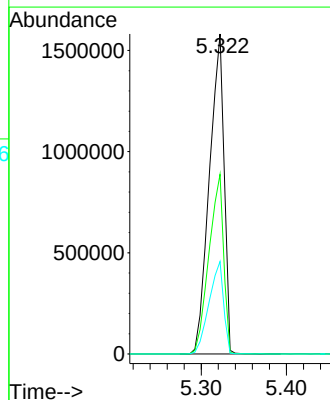
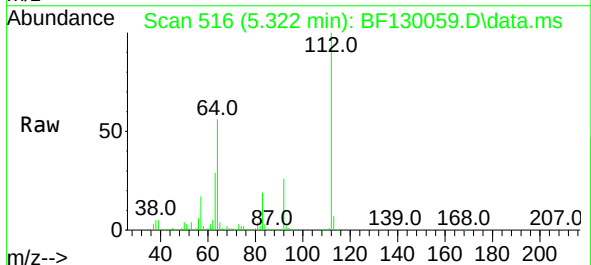
Instrument :
 BNA_F
 ClientSampleId :
 PB147311TB

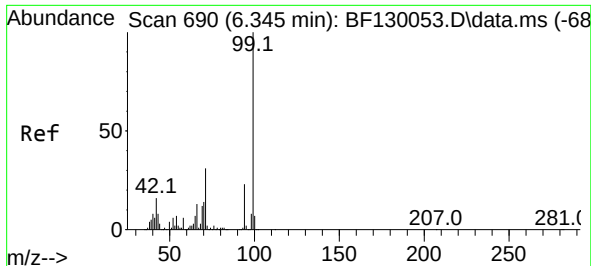
Tgt Ion:152 Resp: 256735
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.9 190.3
 115 60.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 125.602 ng
 RT: 5.322 min Scan# 516
 Delta R.T. 0.012 min
 Lab File: BF130059.D
 Acq: 31 Aug 2022 19:29

Tgt Ion:112 Resp: 1899474
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.6 71.4
 63 28.9 24.6 37.0



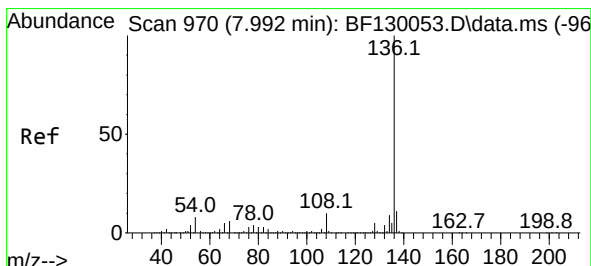
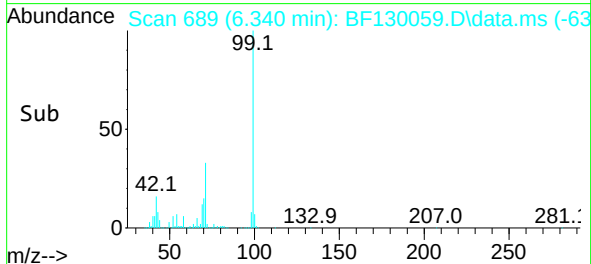
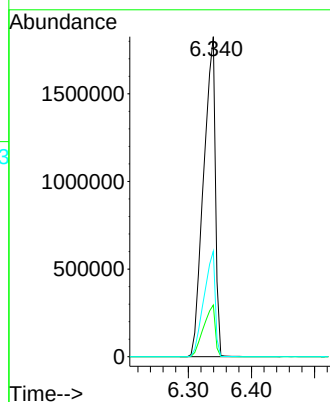
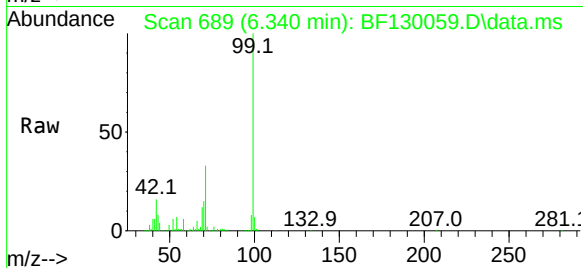


#7
Phenol-d6
Concen: 125.555 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Instrument :
BNA_F
ClientSampleId :
PB147311TB

Tgt Ion: 99 Resp: 2367201

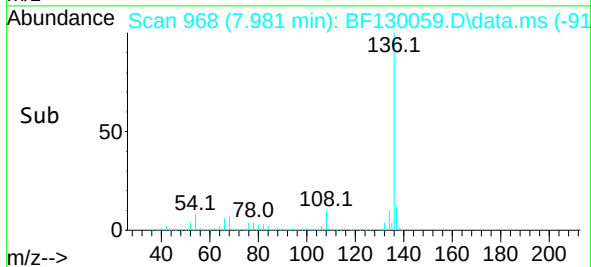
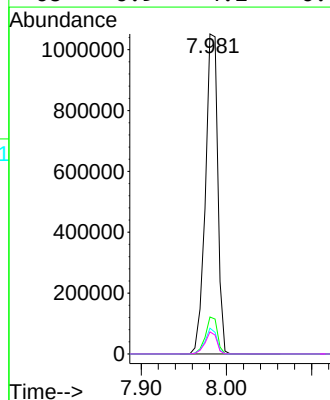
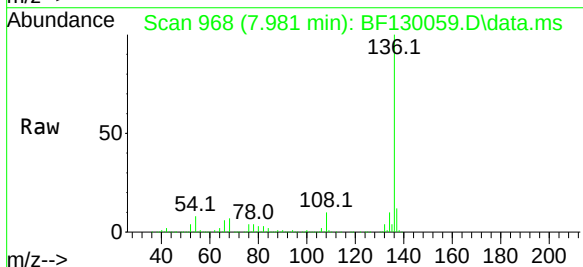
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.4
71	32.9	28.8	43.2

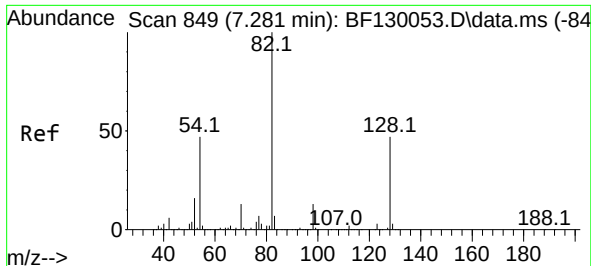


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion: 136 Resp: 1055646

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	8.1	6.2	9.2
68	6.9	4.2	6.4





#23

Nitrobenzene-d5

Concen: 88.767 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

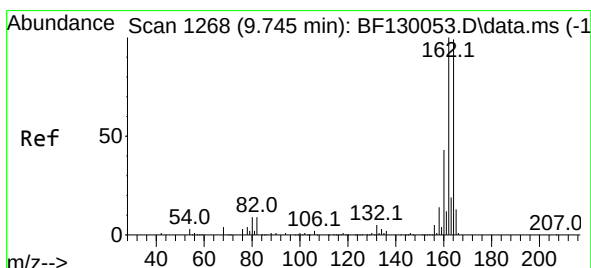
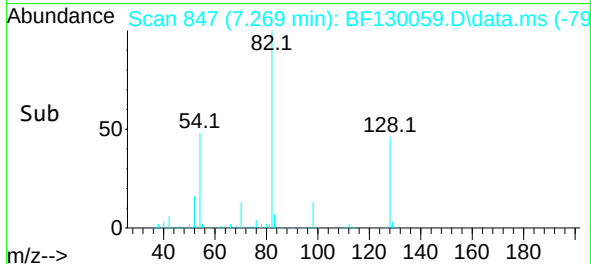
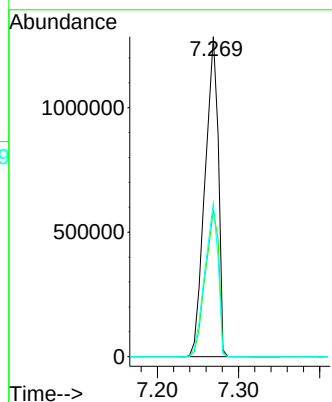
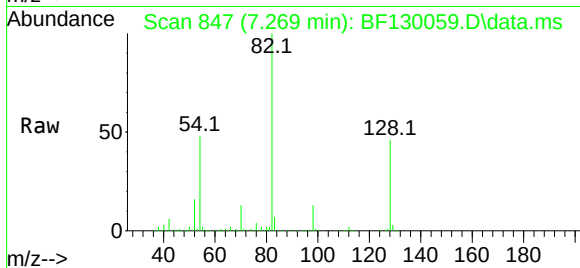
BNA_F

ClientSampleId :

PB147311TB

Tgt Ion: 82 Resp: 1458103

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.0	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

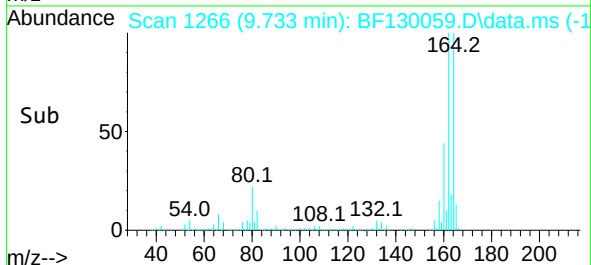
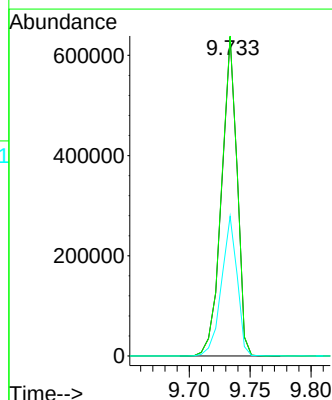
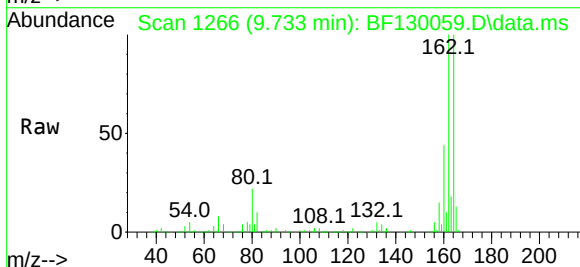
Delta R.T. -0.012 min

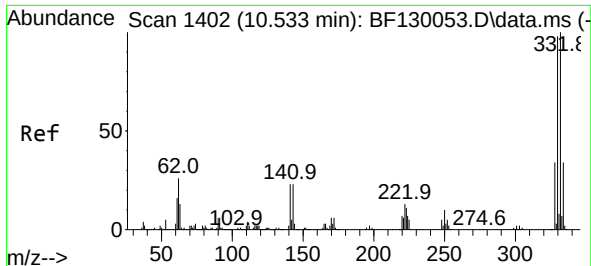
Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Tgt Ion: 164 Resp: 564907

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.0	123.0
160	43.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 134.422 ng

RT: 10.528 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

PB147311TB

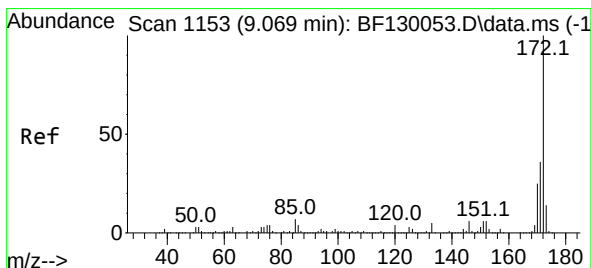
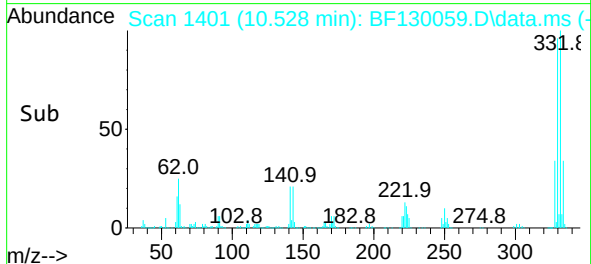
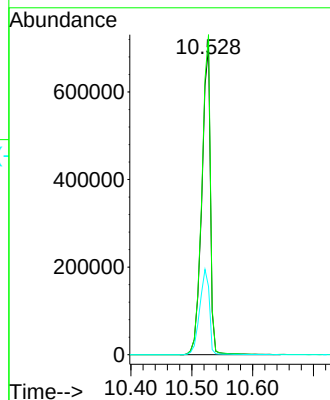
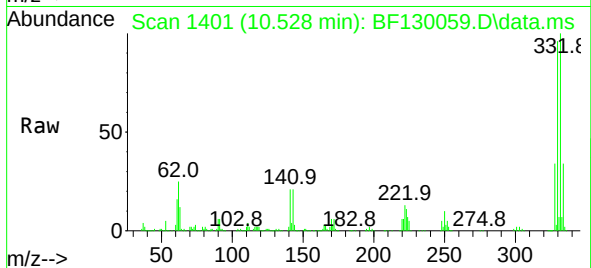
Tgt Ion:330 Resp: 691229

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 31.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.575 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130059.D

Acq: 31 Aug 2022 19:29

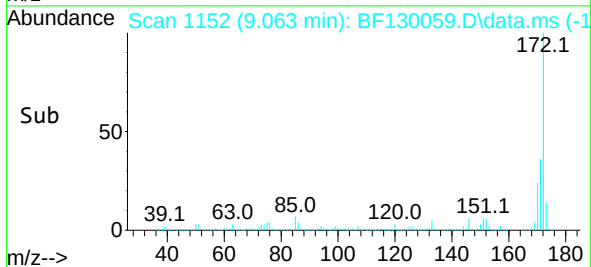
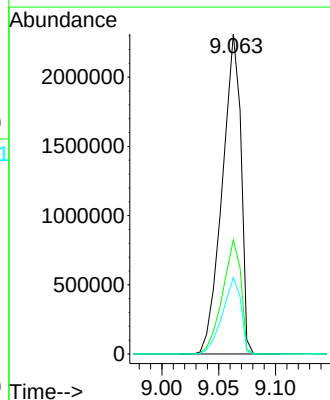
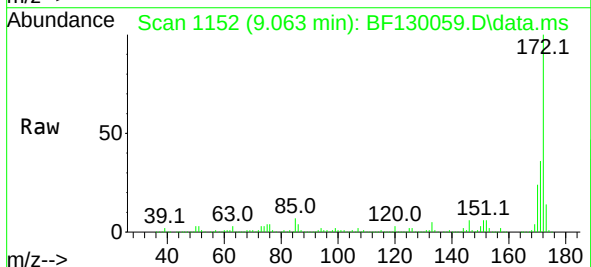
Tgt Ion:172 Resp: 2643169

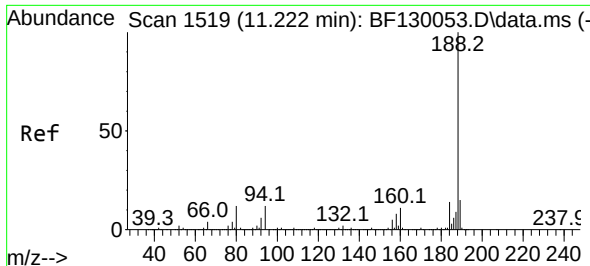
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 19.1 28.7

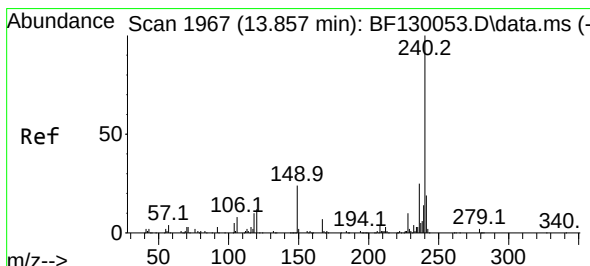
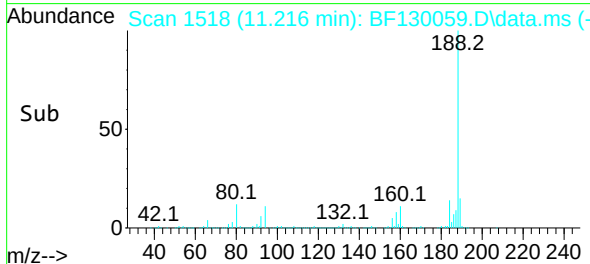
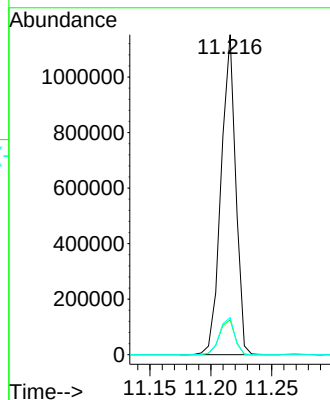
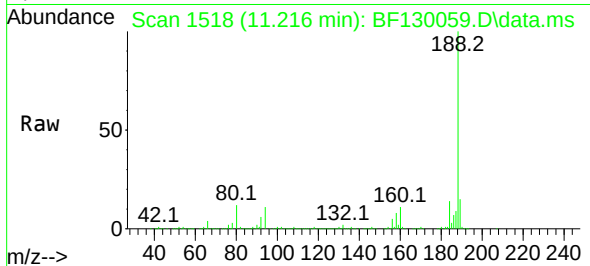




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

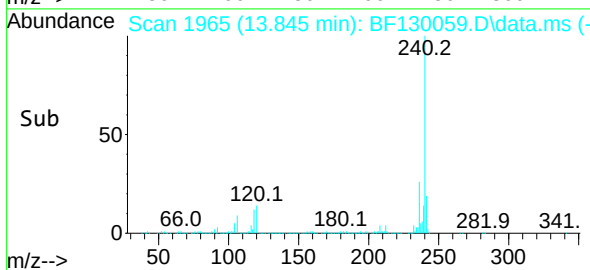
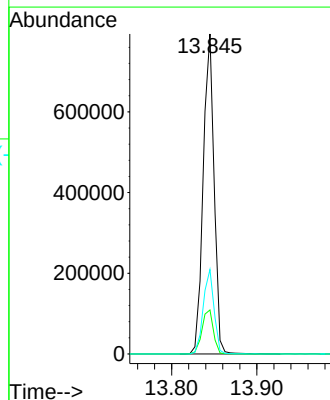
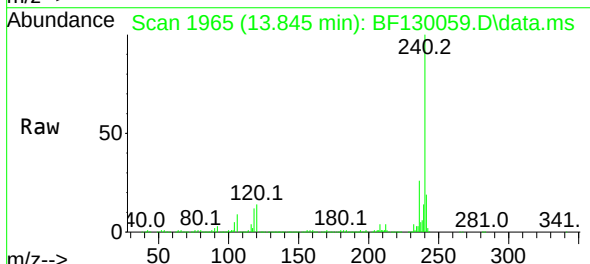
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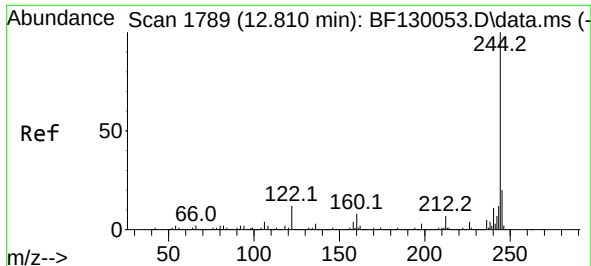
Tgt Ion:188 Resp: 965674
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130059.D
Acq: 31 Aug 2022 19:29

Tgt Ion:240 Resp: 703183
Ion Ratio Lower Upper
240 100
120 13.7 9.2 13.8
236 26.4 20.7 31.1

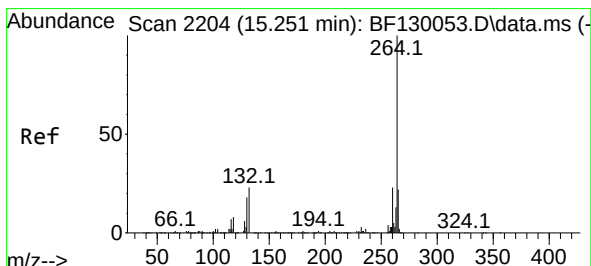
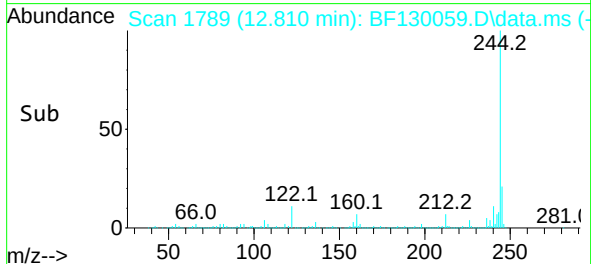
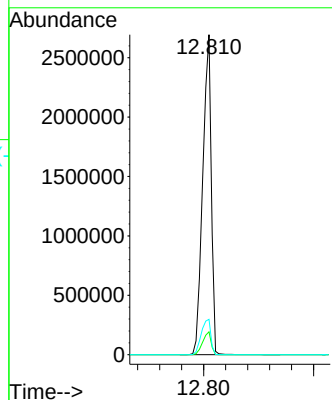
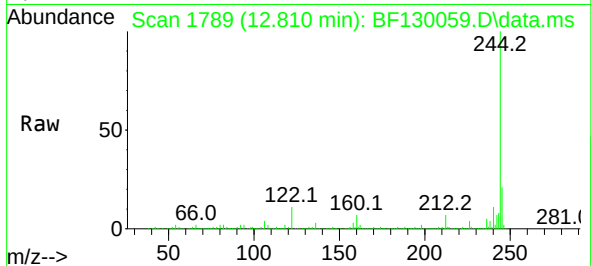




#79
 Terphenyl-d14
 Concen: 71.906 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130059.D
 Acq: 31 Aug 2022 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB147311TB

Tgt Ion:244 Resp: 2915767
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130059.D
 Acq: 31 Aug 2022 19:29

Tgt Ion:264 Resp: 564403
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.3 16.7 25.1

