

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130127.D
 Acq On : 02 Sep 2022 23:40
 Operator : CG\JU
 Sample : N4446-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Sep 03 05:54:19 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	222497	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	875595	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	456642	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	720431	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	434766	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	410657	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	831980	63.480	ng	0.00
7) Phenol-d6	6.328	99	633656	38.780	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1370401	100.583	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	611690	147.157	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2361211	85.730	ng	0.00
79) Terphenyl-d14	12.804	244	2285457	91.159	ng	0.00

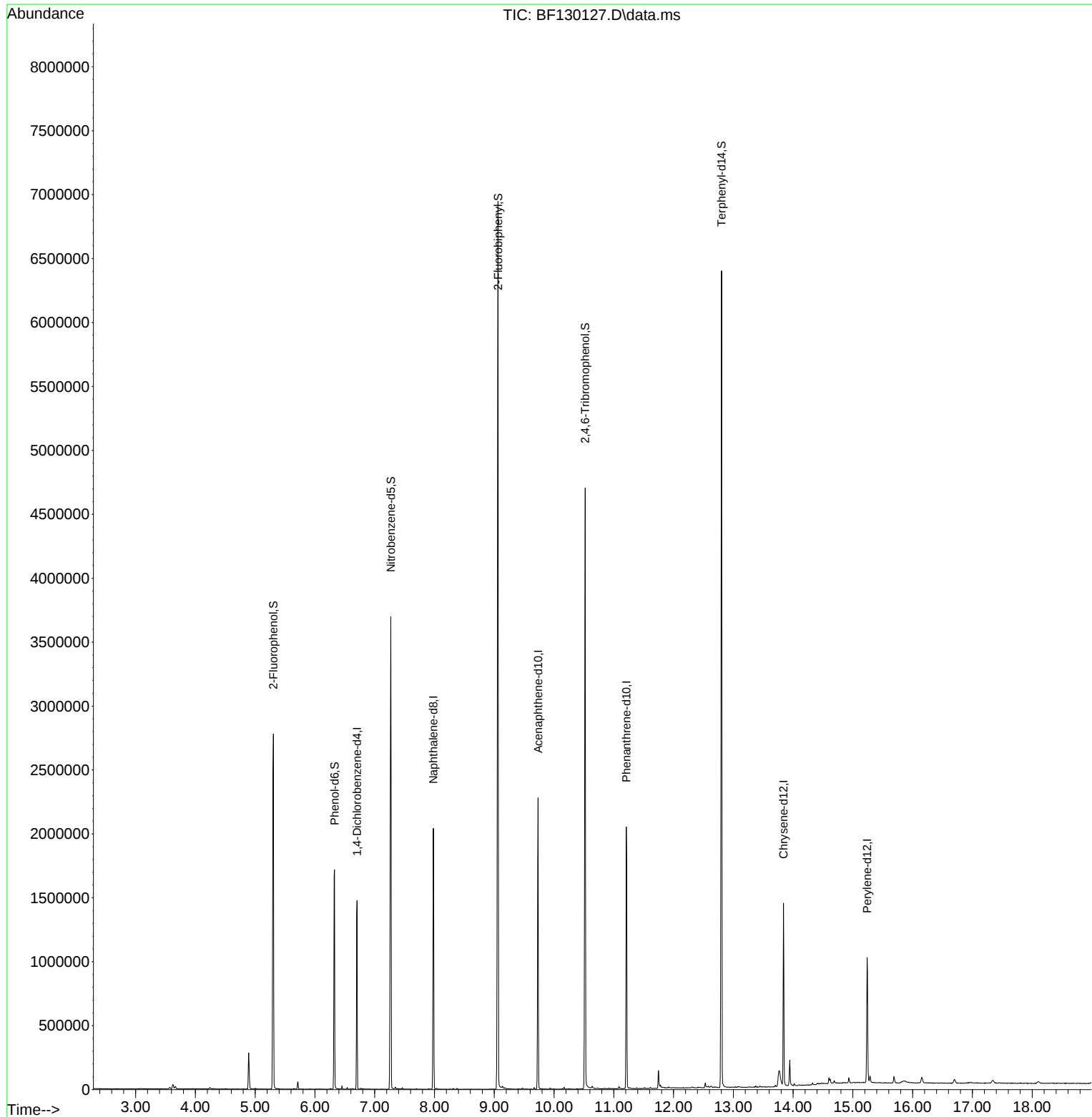
Target Compounds Qvalue

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

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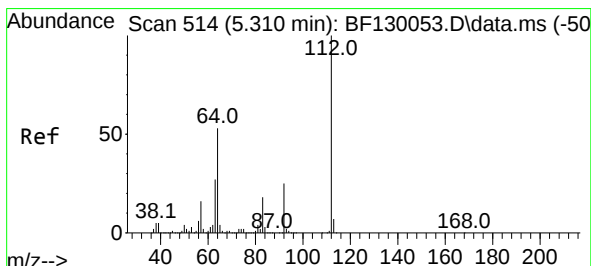
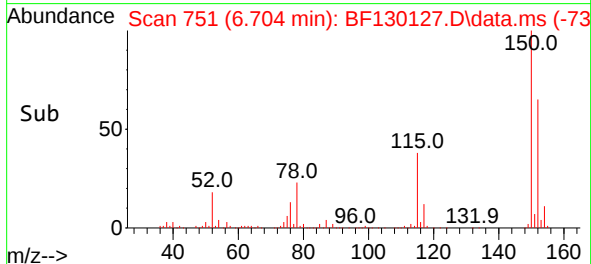
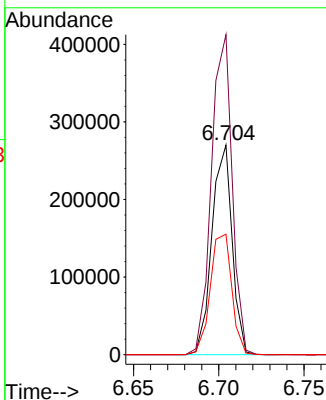
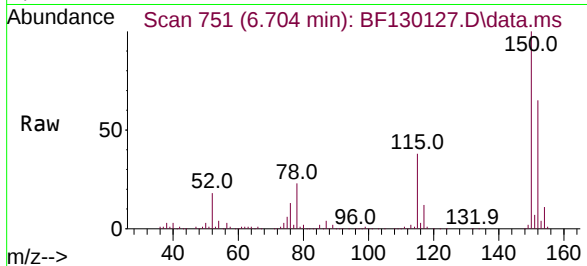




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

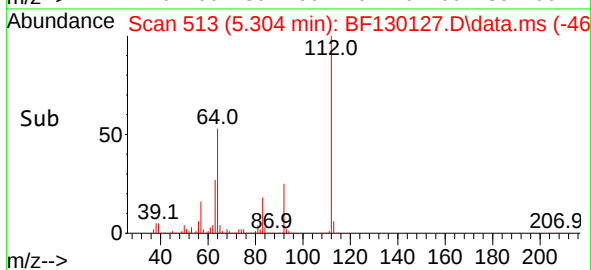
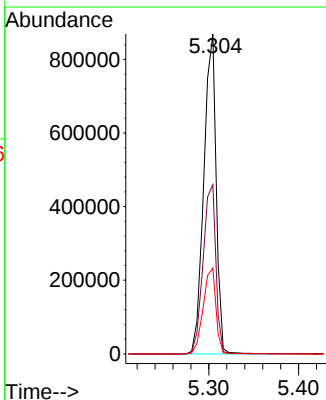
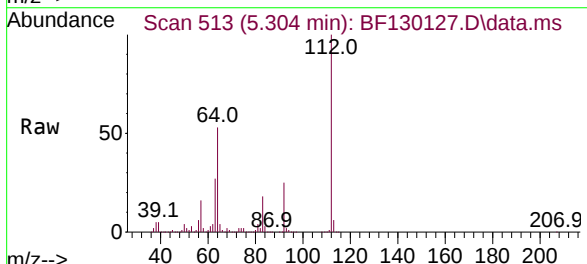
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 222497
Ion Ratio Lower Upper
152 100
150 152.7 126.9 190.3
115 57.5 53.4 80.0



#5
2-Fluorophenol
Concen: 63.480 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:112 Resp: 831980
Ion Ratio Lower Upper
112 100
64 52.9 47.6 71.4
63 26.8 24.6 37.0

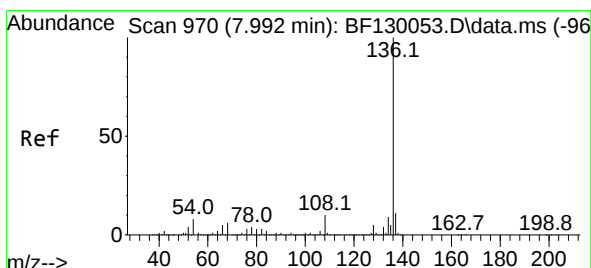
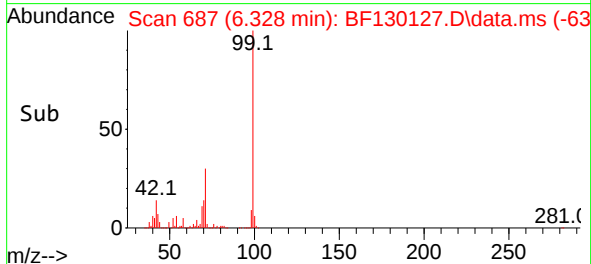
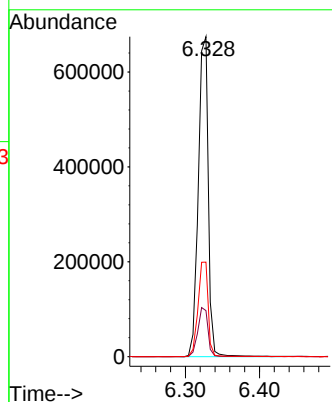
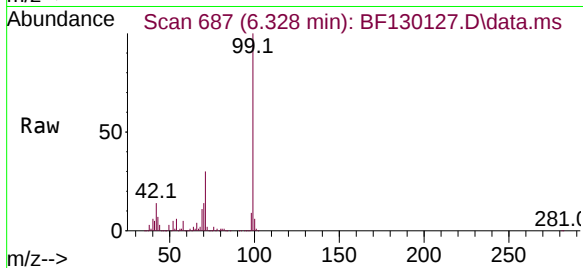




#7
Phenol-d6
Concen: 38.780 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

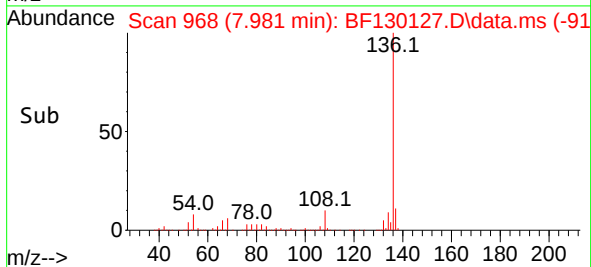
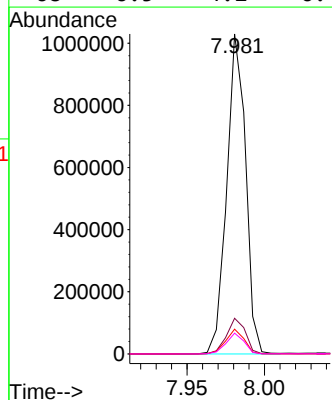
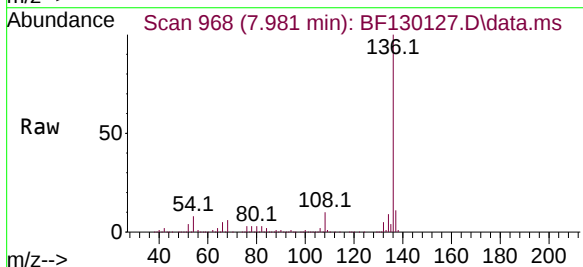
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 633656
Ion Ratio Lower Upper
99 100
42 14.4 15.0 22.4#
71 29.5 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: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion: 136 Resp: 875595
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 6.2 9.2
68 6.5 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 100.583 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Instrument :

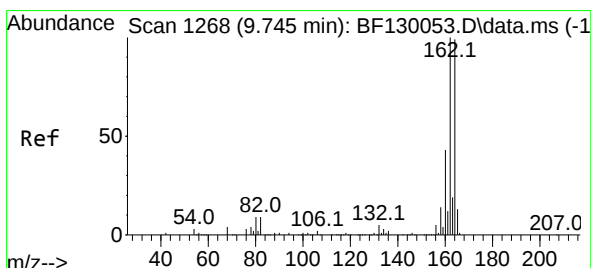
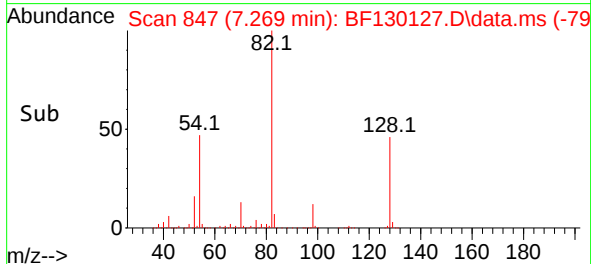
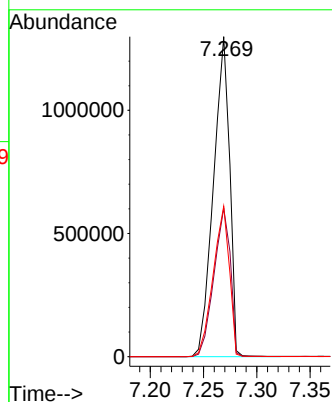
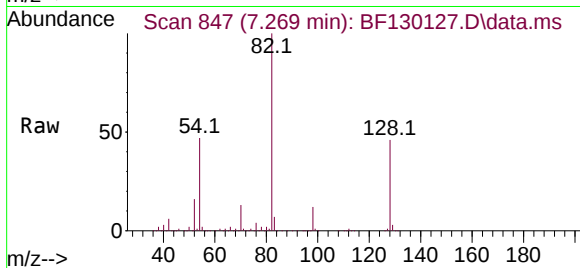
BNA_F

ClientSampleId :

MW-04

Tgt Ion: 82 Resp: 1370401

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	47.0	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

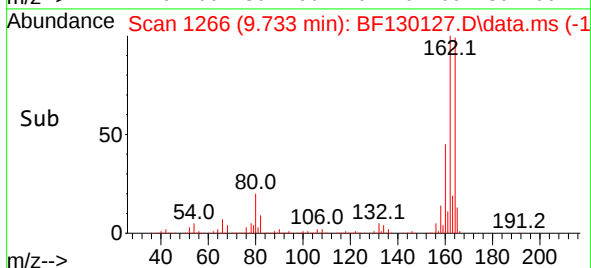
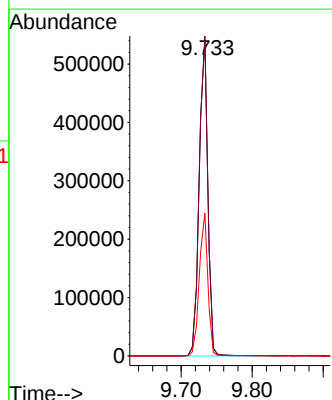
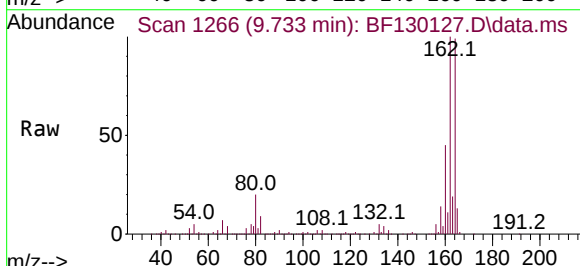
Delta R.T. -0.012 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Tgt Ion: 164 Resp: 456642

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.0	123.0
160	45.1	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 147.157 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

Instrument :

BNA_F

ClientSampleId :

MW-04

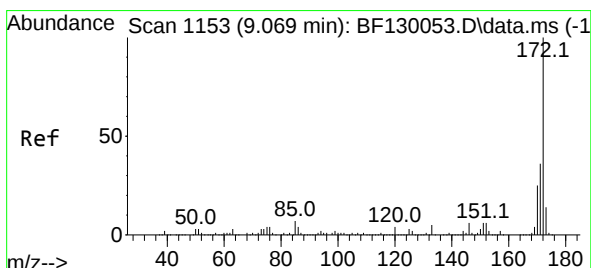
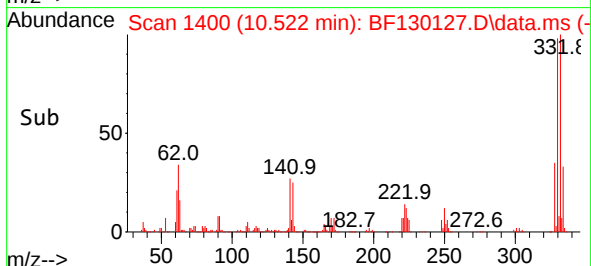
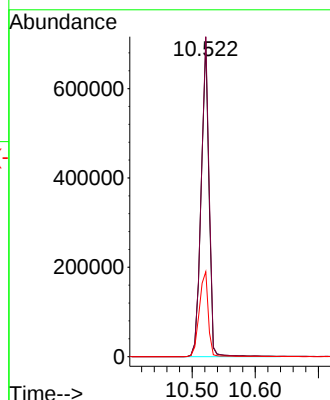
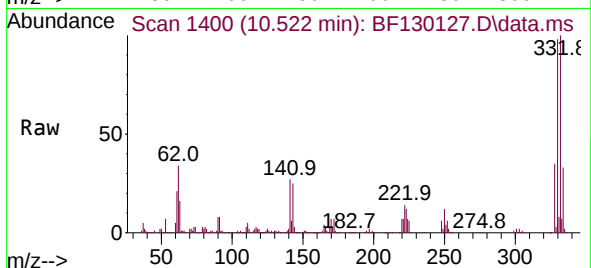
Tgt Ion:330 Resp: 611690

Ion Ratio Lower Upper

330 100

332 102.0 82.6 124.0

141 30.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.730 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130127.D

Acq: 02 Sep 2022 23:40

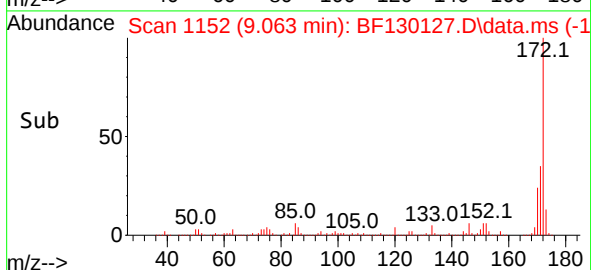
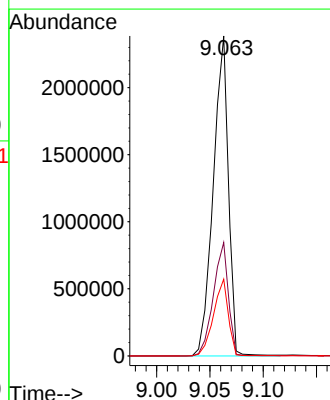
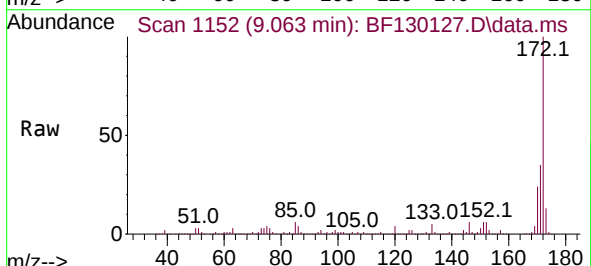
Tgt Ion:172 Resp: 2361211

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.0 19.1 28.7

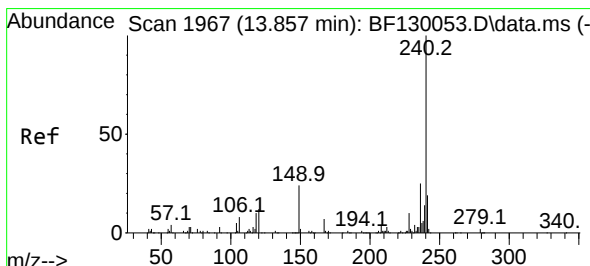
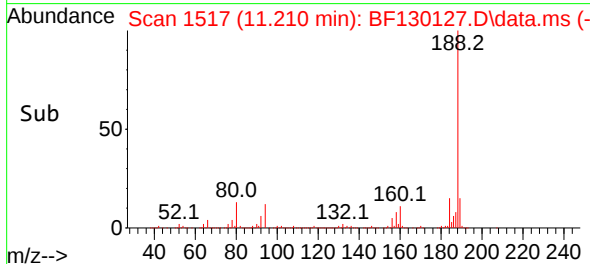
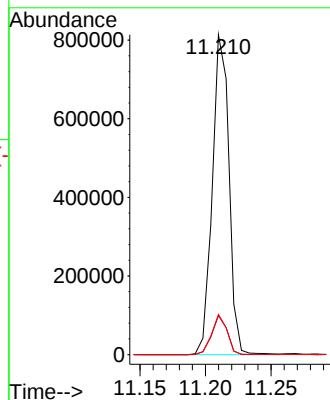
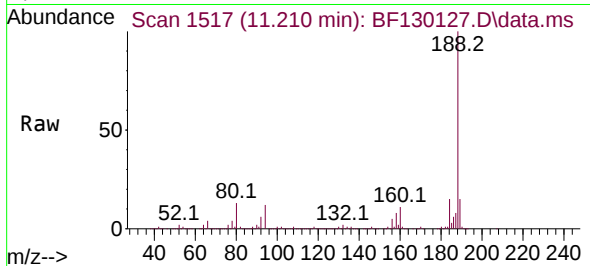




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

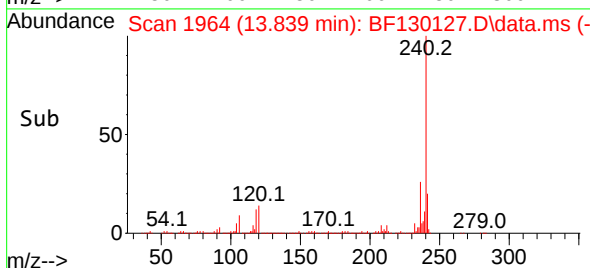
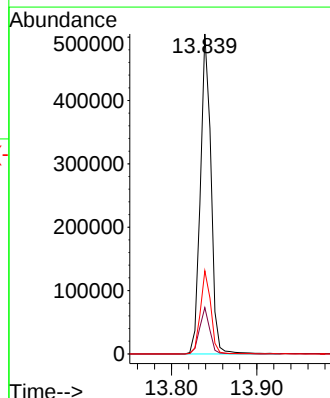
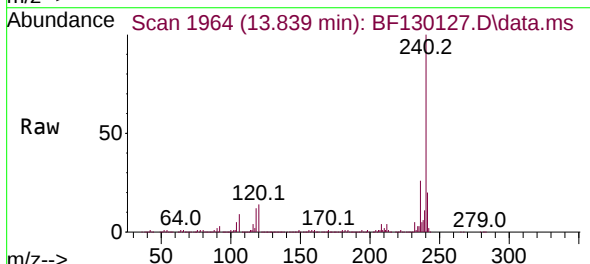
Instrument :
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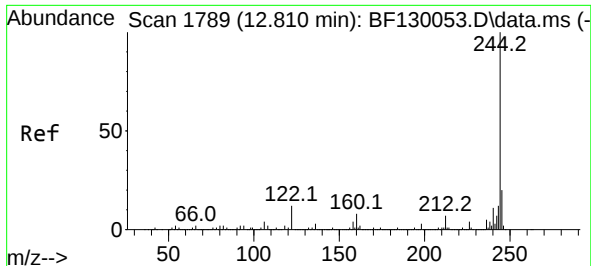
Tgt Ion:188 Resp: 720431
Ion Ratio Lower Upper
188 100
94 12.2 7.4 11.2#
80 12.6 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130127.D
Acq: 02 Sep 2022 23:40

Tgt Ion:240 Resp: 434766
Ion Ratio Lower Upper
240 100
120 14.5 9.2 13.8#
236 26.0 20.7 31.1

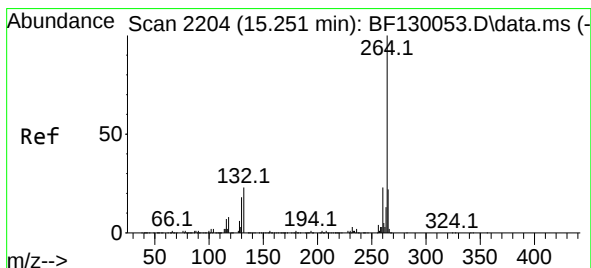
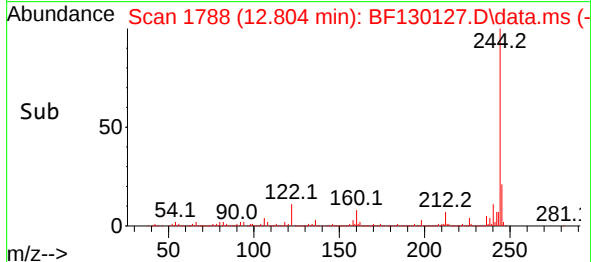
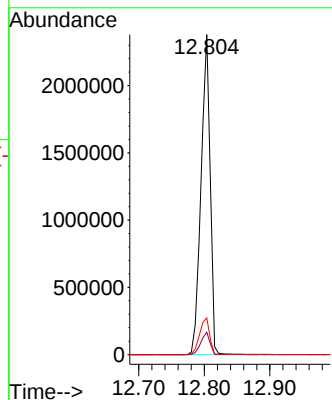
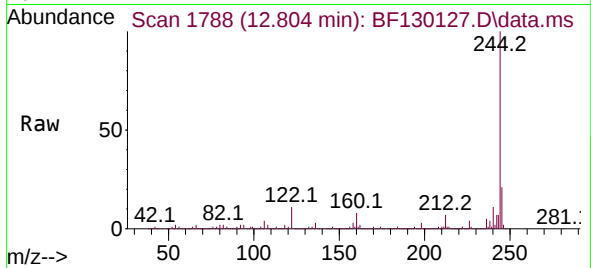




#79
 Terphenyl-d14
 Concen: 91.159 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF130127.D
 Acq: 02 Sep 2022 23:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 2285457
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.012 min
 Lab File: BF130127.D
 Acq: 02 Sep 2022 23:40

Tgt Ion:264 Resp: 410657
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 20.6 16.7 25.1

