

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132256.D
 Acq On : 01 Feb 2023 12:55
 Operator : CG\JU
 Sample : 01333-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-11

Quant Time: Feb 02 00:53:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

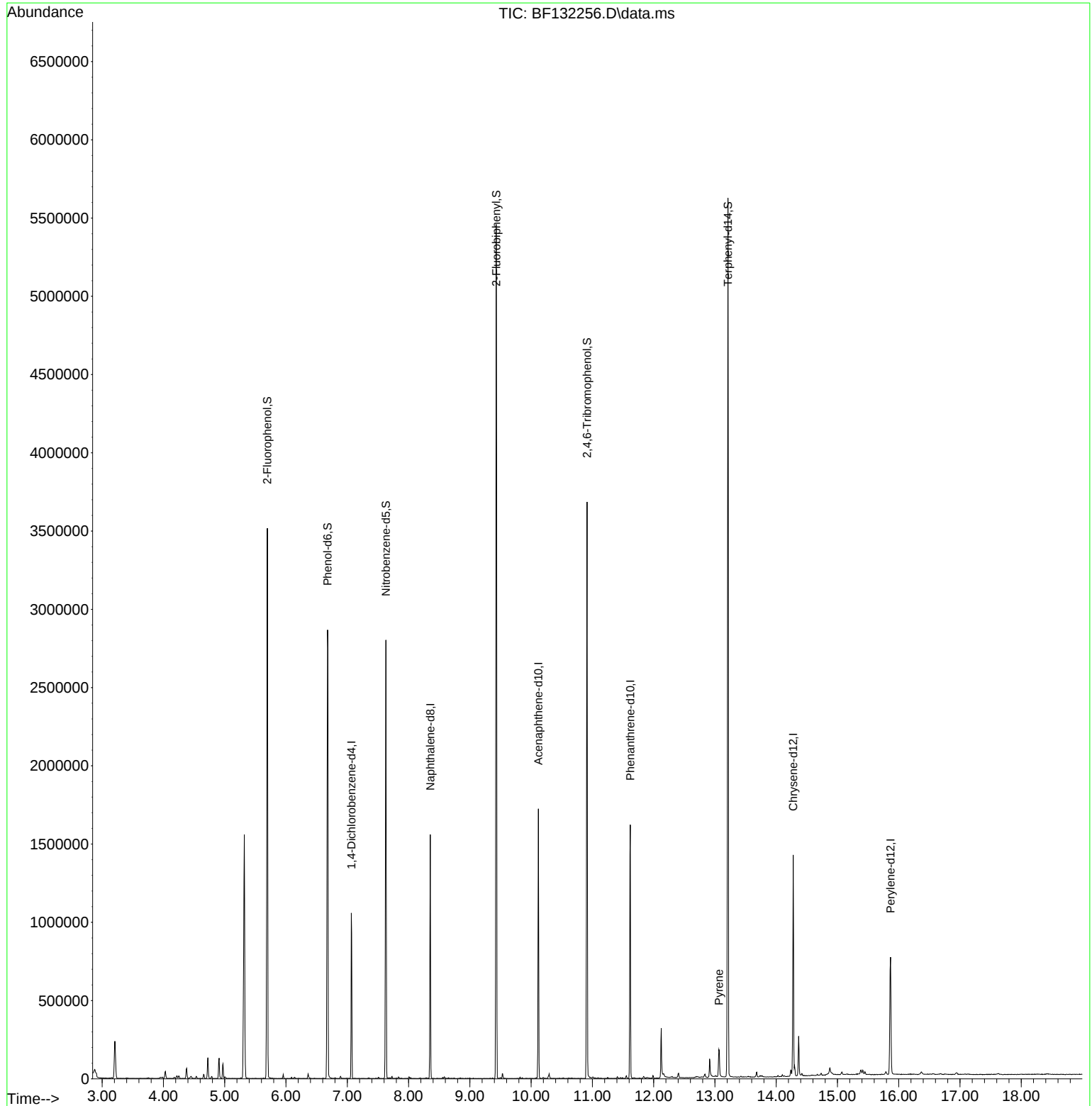
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	160947	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	617824	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	313995	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	586635	20.000	ng	0.00
76) Chrysene-d12	14.277	240	426889	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	348988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1137745	113.628	ng	0.01
7) Phenol-d6	6.678	99	1288127	104.348	ng	0.00
23) Nitrobenzene-d5	7.631	82	927320	83.523	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	449029	139.061	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1617308	79.540	ng	0.00
79) Terphenyl-d14	13.213	244	1992125	90.271	ng	0.00
Target Compounds						
78) Pyrene	13.066	202	98295	2.863	ng	Qvalue 98

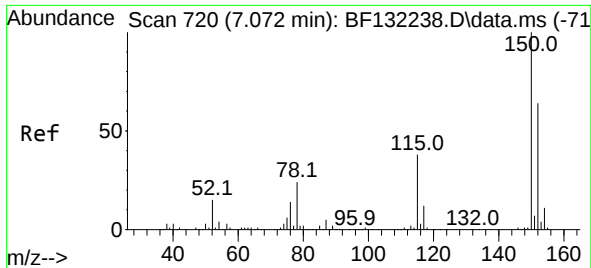
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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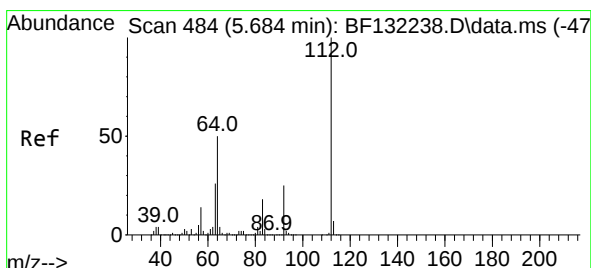
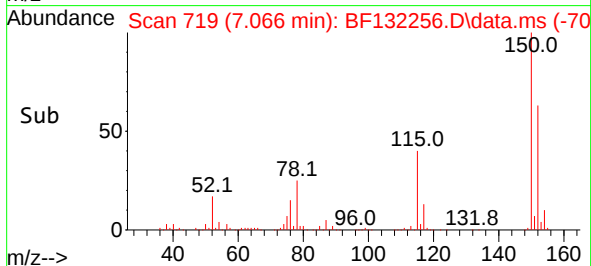
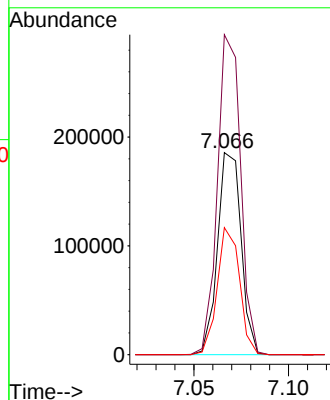
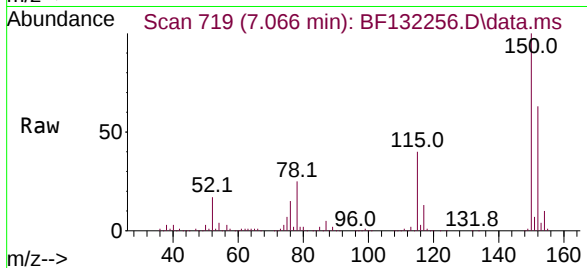




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

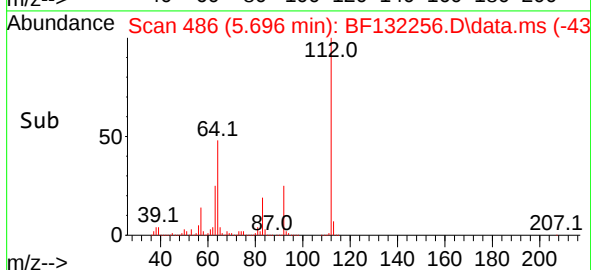
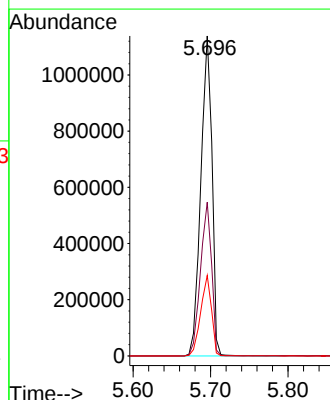
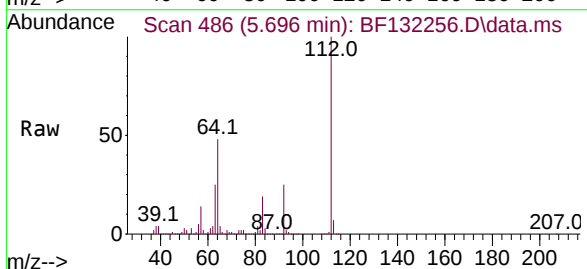
Instrument :
BNA_F
ClientSampleId :
MH-11

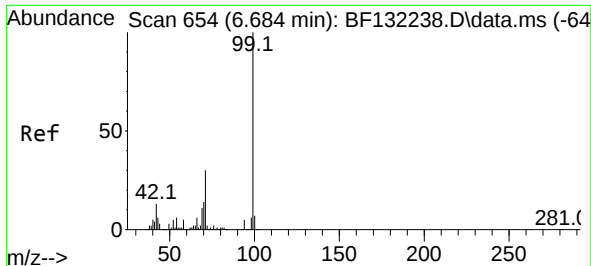
Tgt Ion:152 Resp: 160947
Ion Ratio Lower Upper
152 100
150 158.4 124.2 186.2
115 62.8 47.3 70.9



#5
2-Fluorophenol
Concen: 113.628 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.012 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:112 Resp: 1137745
Ion Ratio Lower Upper
112 100
64 48.0 40.0 60.0
63 25.1 20.5 30.7



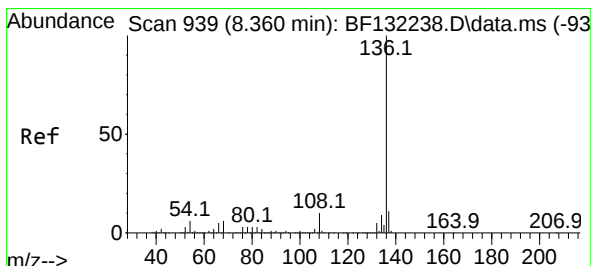
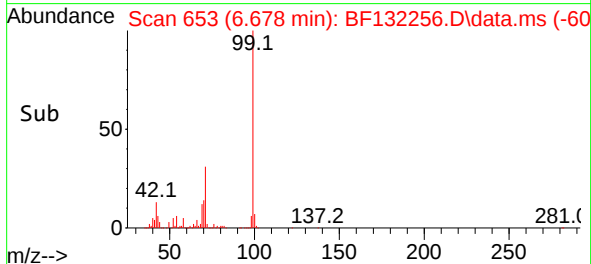
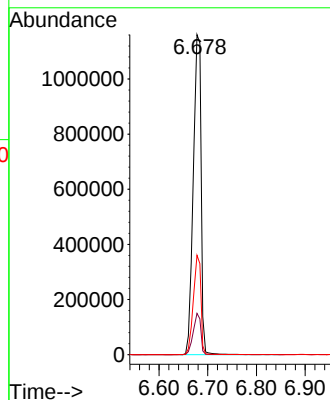
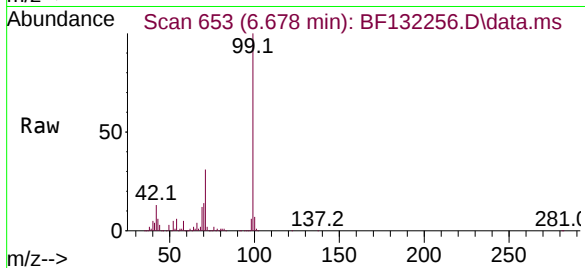


#7
Phenol-d6
Concen: 104.348 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Instrument :
BNA_F
ClientSampleId :
MH-11

Tgt Ion: 99 Resp: 1288127

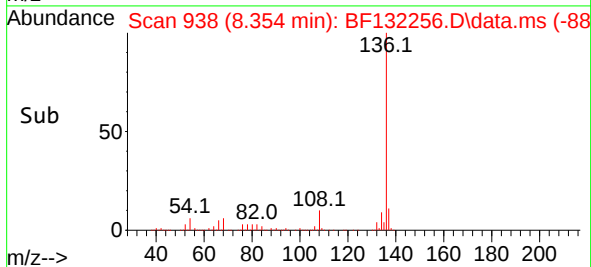
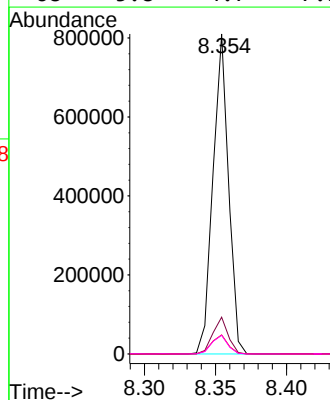
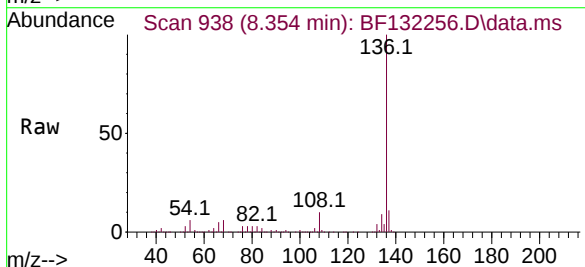
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.1	15.1
71	31.0	24.2	36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion: 136 Resp: 617824

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.9	4.9	7.3
68	5.8	4.7	7.1

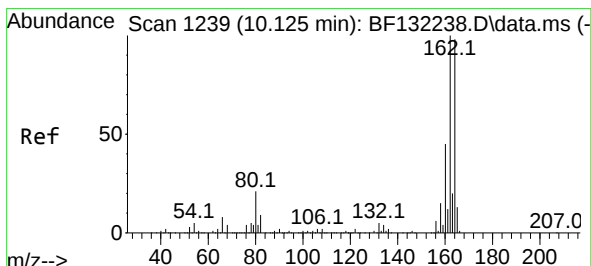
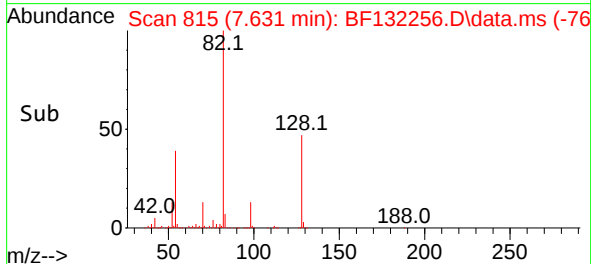
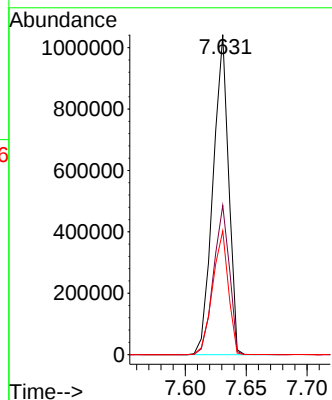
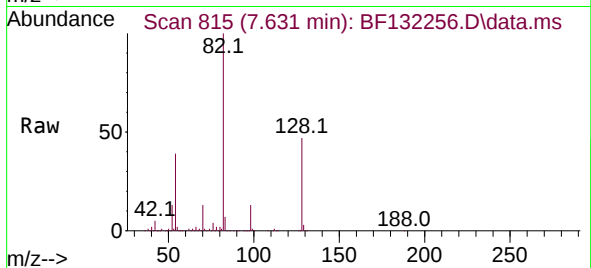




#23
Nitrobenzene-d5
Concen: 83.523 ng
RT: 7.631 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

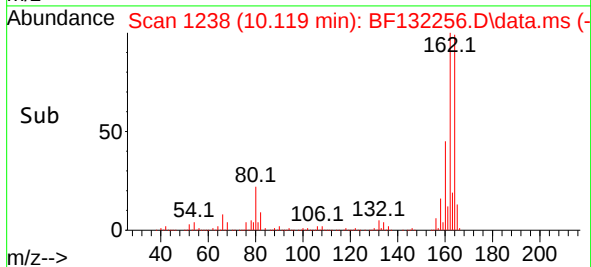
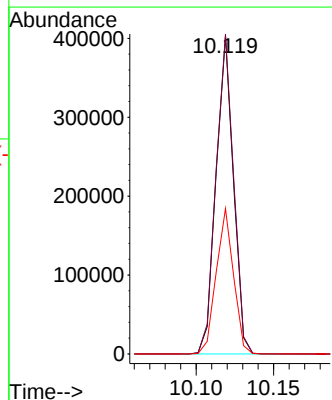
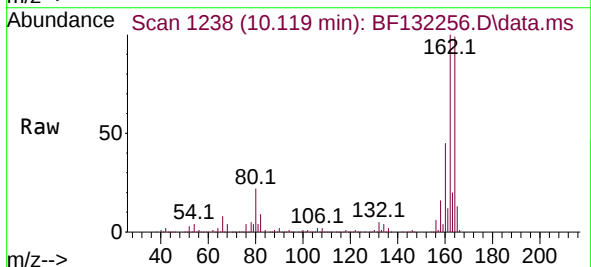
Instrument :
BNA_F
ClientSampleId :
MH-11

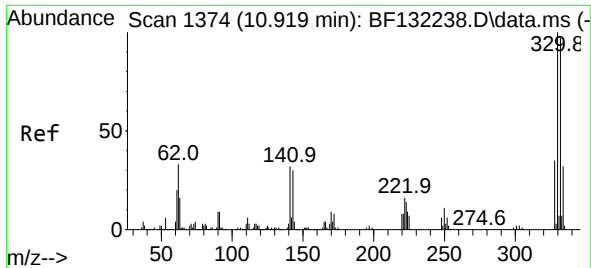
Tgt Ion: 82 Resp: 927320
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 38.7 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion: 164 Resp: 313995
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 45.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 139.061 ng

RT: 10.913 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

Instrument :

BNA_F

ClientSampleId :

MH-11

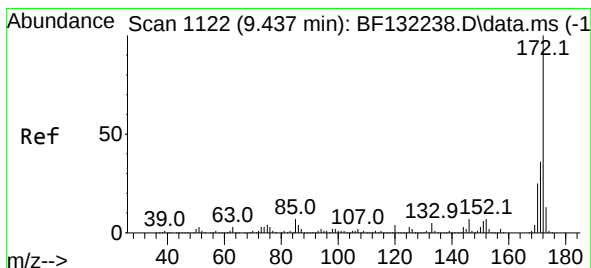
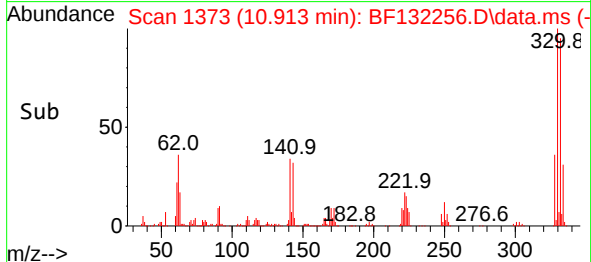
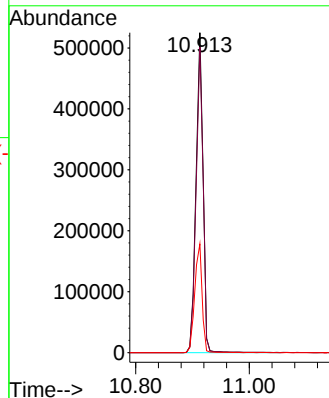
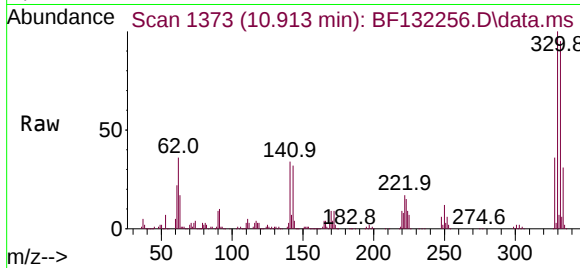
Tgt Ion:330 Resp: 449029

Ion Ratio Lower Upper

330 100

332 95.3 77.9 116.9

141 35.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.540 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

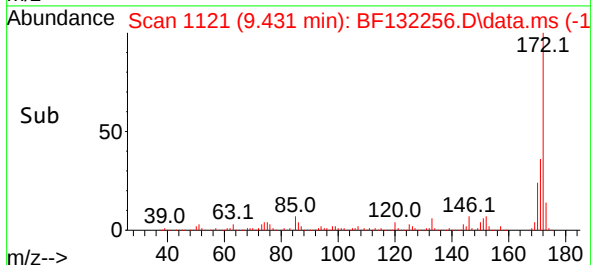
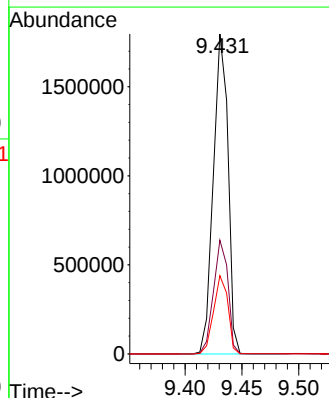
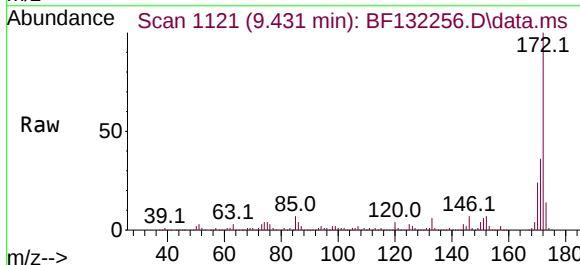
Tgt Ion:172 Resp: 1617308

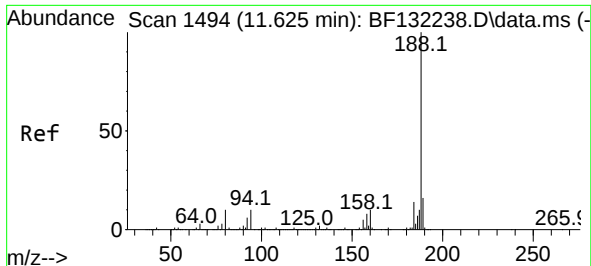
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.4 19.7 29.5

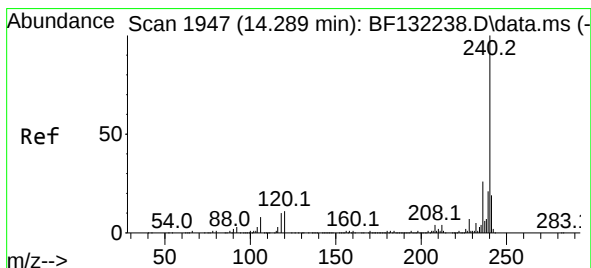
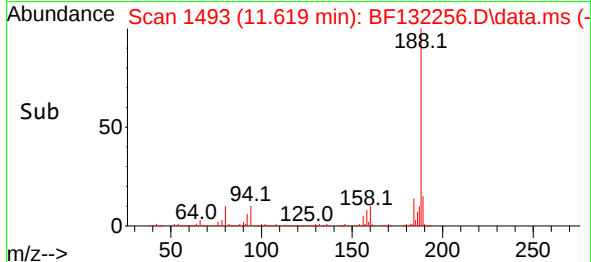
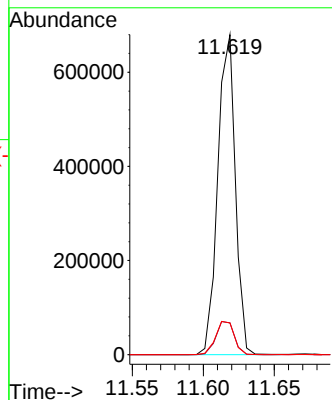
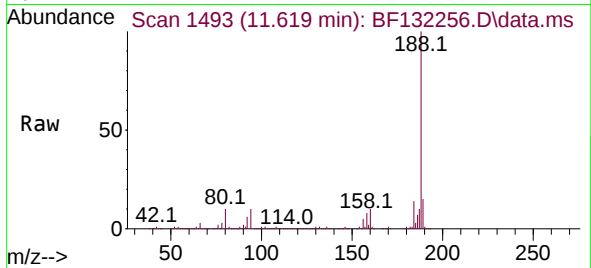




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

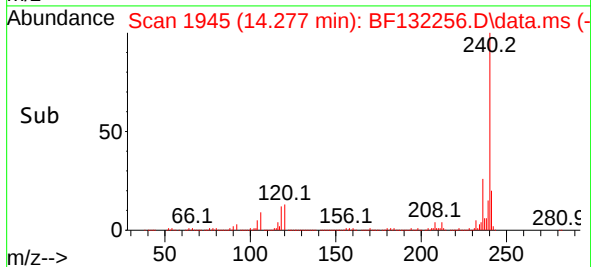
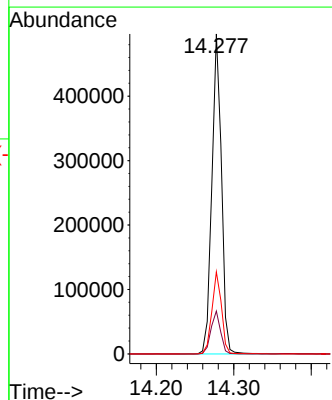
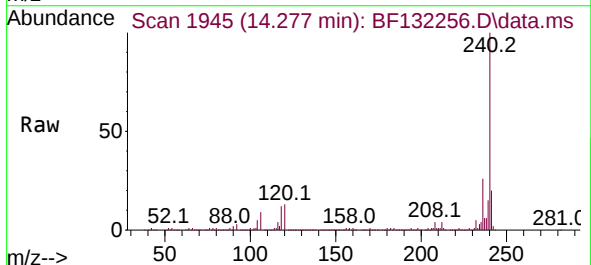
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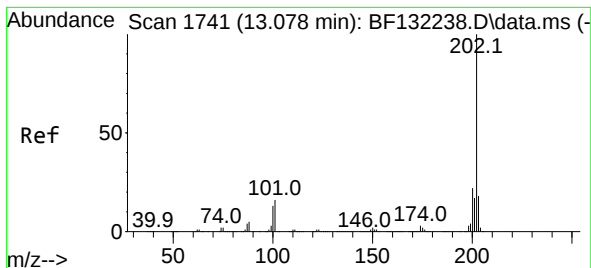
Tgt Ion:188 Resp: 586635
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 9.9 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132256.D
Acq: 01 Feb 2023 12:55

Tgt Ion:240 Resp: 426889
Ion Ratio Lower Upper
240 100
120 13.4 8.8 13.2#
236 25.6 21.0 31.6





#78

Pyrene

Concen: 2.863 ng

RT: 13.066 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

Instrument :

BNA_F

ClientSampleId :

MH-11

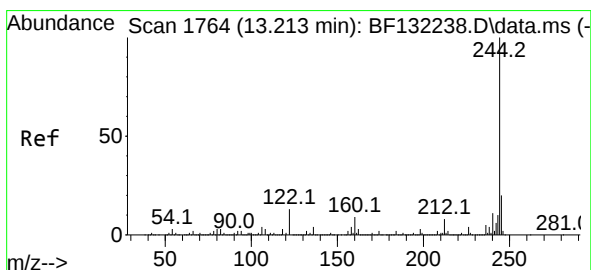
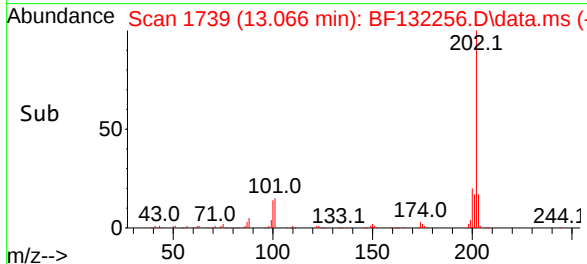
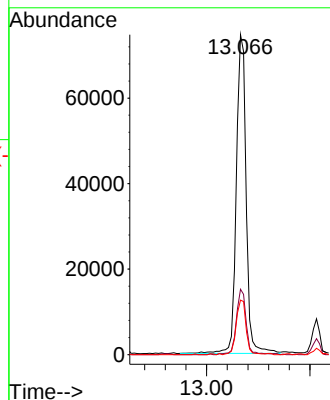
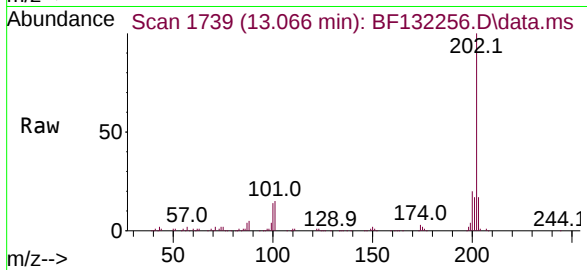
Tgt Ion:202 Resp: 98295

Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

203 17.0 14.4 21.6



#79

Terphenyl-d14

Concen: 90.271 ng

RT: 13.213 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF132256.D

Acq: 01 Feb 2023 12:55

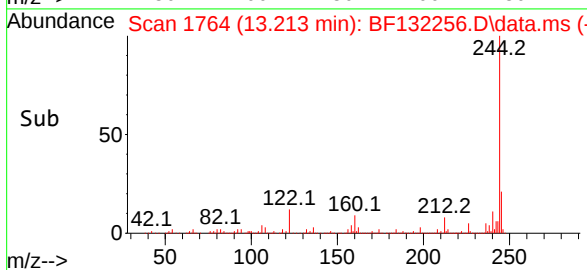
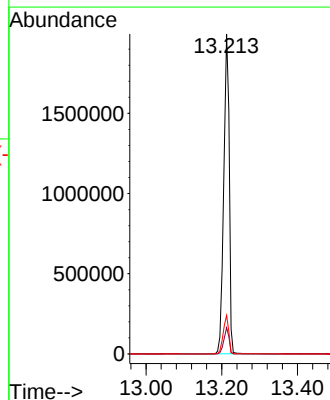
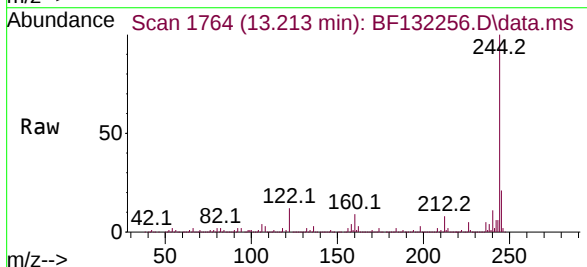
Tgt Ion:244 Resp: 1992125

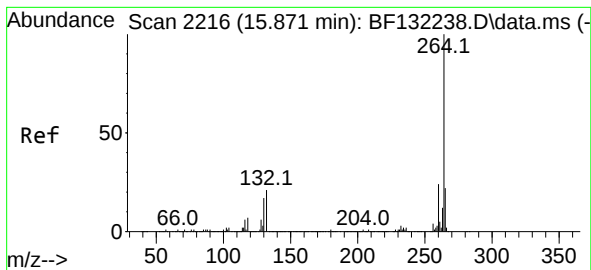
Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 12.0 10.5 15.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132256.D

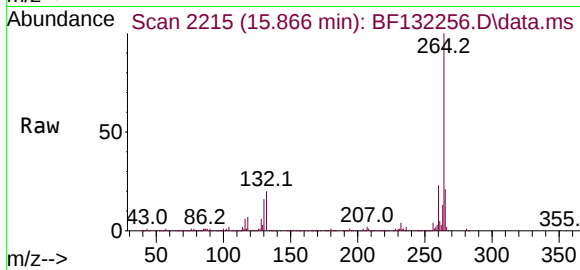
Acq: 01 Feb 2023 12:55

Instrument :

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Tgt Ion:264 Resp: 348988

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.3 17.4 26.2

