

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132739.D
 Acq On : 10 Mar 2023 13:51
 Operator : CG\JU
 Sample : PB151334BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151334BL

Quant Time: Mar 10 17:50:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	251470	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	972881	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	529816	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	1000027	20.000	ng	0.00
76) Chrysene-d12	14.180	240	643951	20.000	ng	0.00
86) Perylene-d12	15.727	264	496743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1876183	121.088	ng	0.01
7) Phenol-d6	6.616	99	2421423	119.744	ng	0.00
23) Nitrobenzene-d5	7.551	82	1623251	79.161	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	725802	126.849	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2664453	76.575	ng	0.00
79) Terphenyl-d14	13.121	244	3303634	86.740	ng	0.00

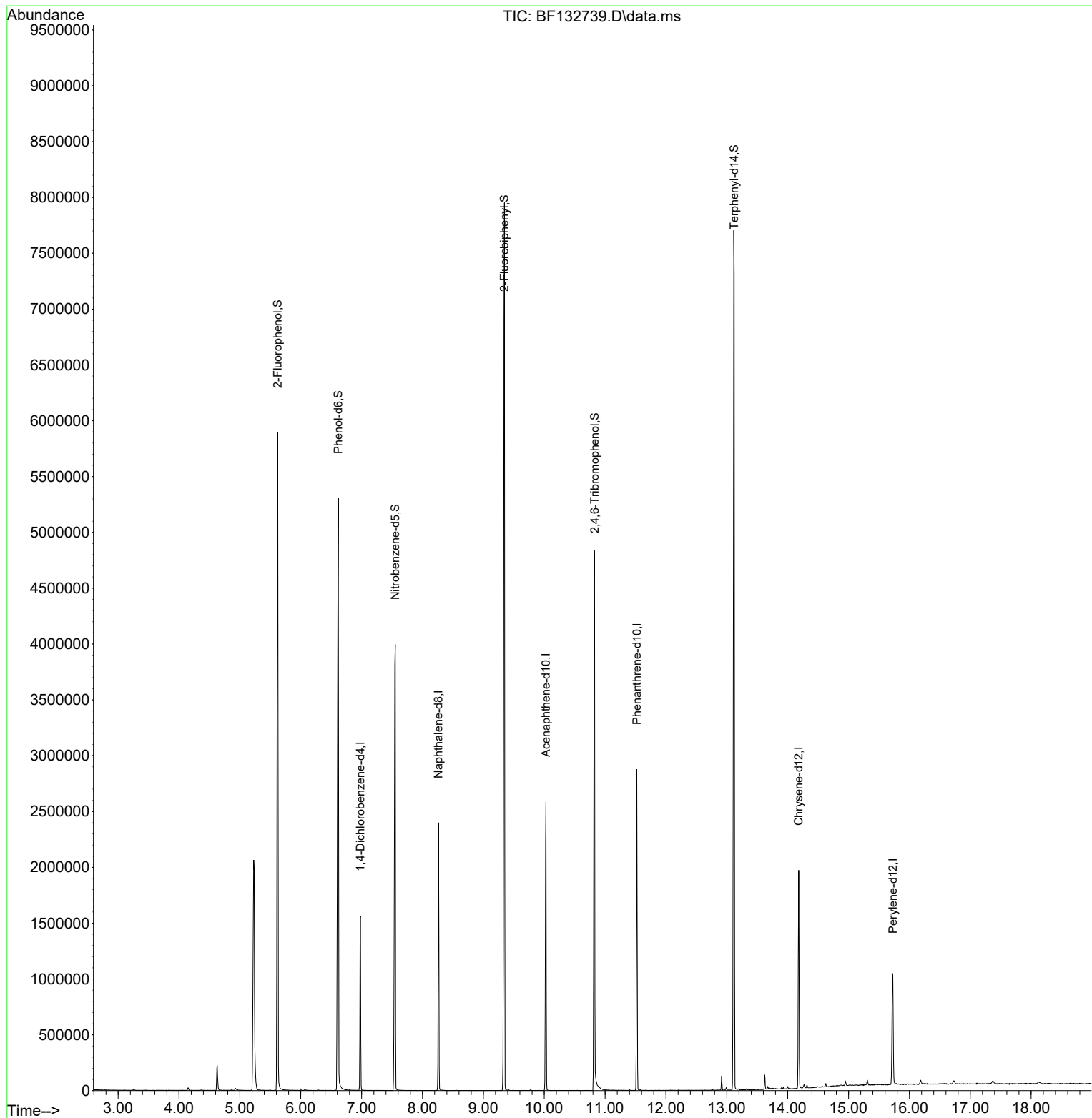
Target Compounds	Qvalue

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

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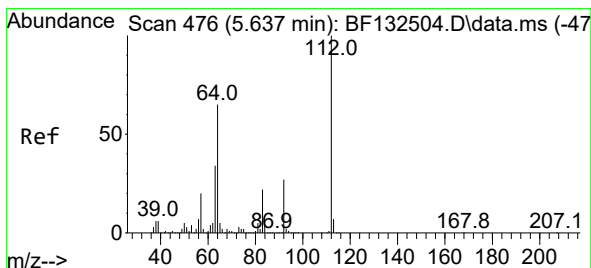
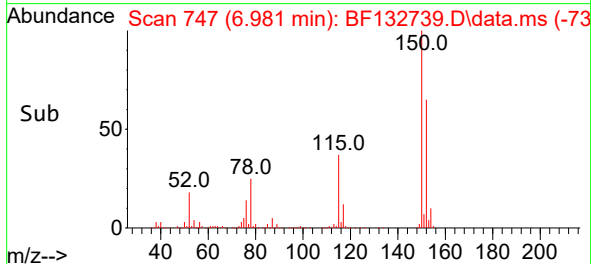
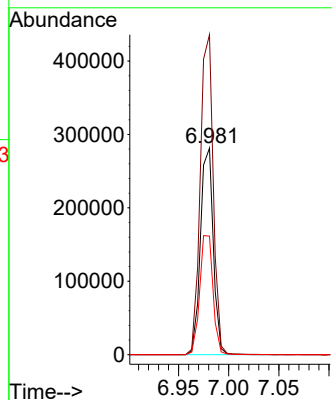
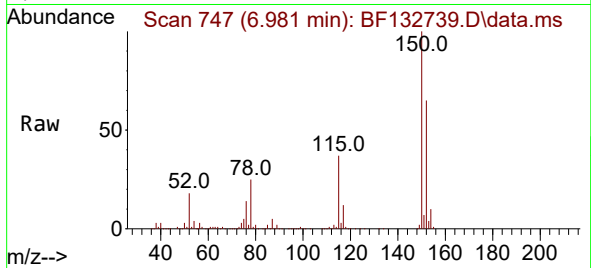




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

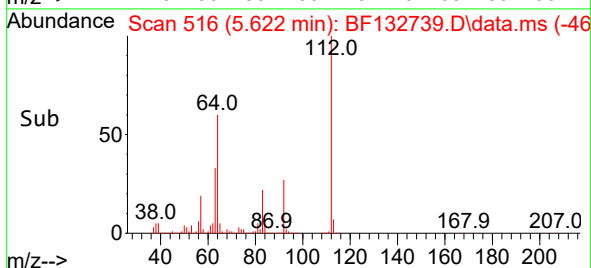
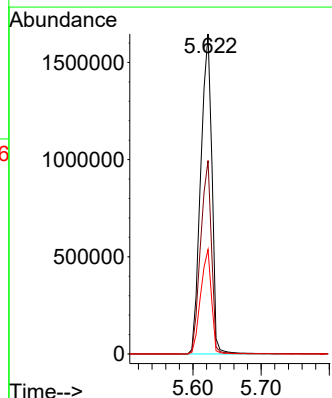
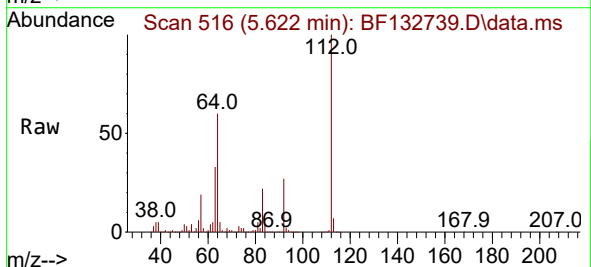
Instrument :
BNA_F
ClientSampleId :
PB151334BL

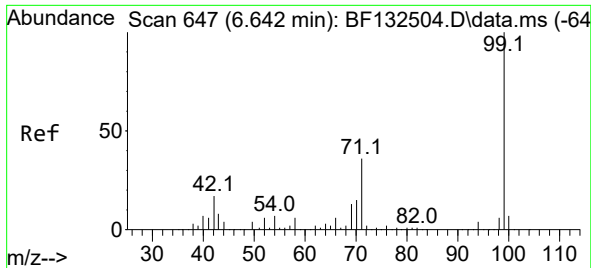
Tgt Ion:152 Resp: 251470
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 57.4 47.8 71.6



#5
2-Fluorophenol
Concen: 121.088 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion:112 Resp: 1876183
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 32.6 27.4 41.2

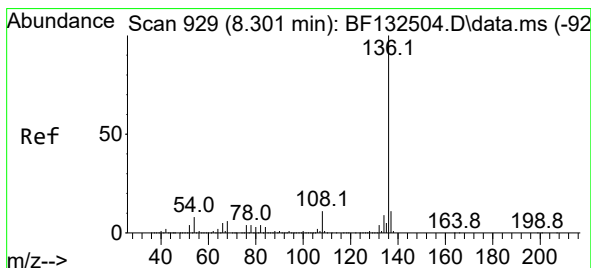
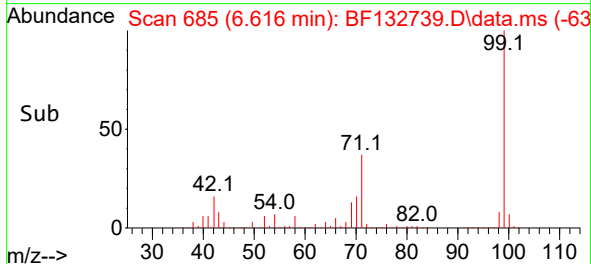
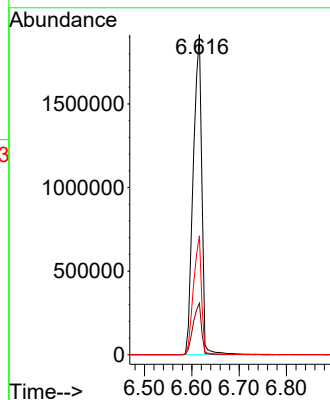
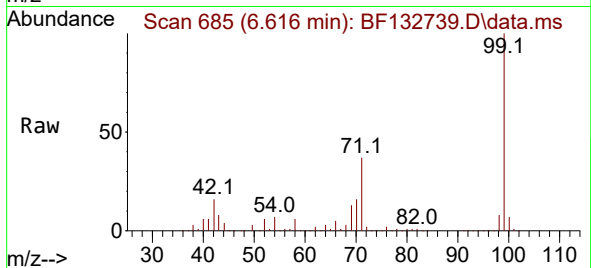




#7
Phenol-d6
Concen: 119.744 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

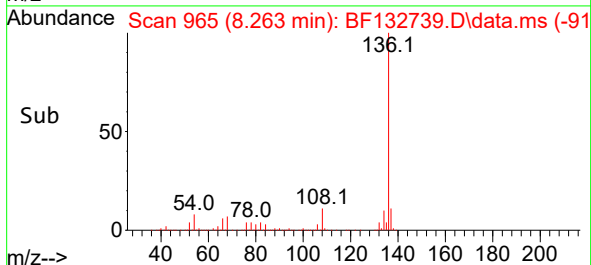
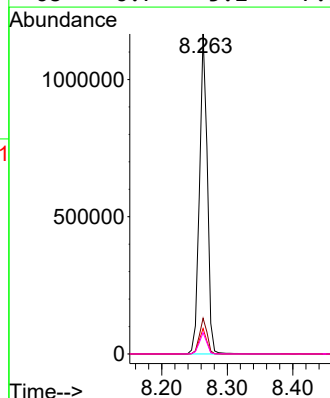
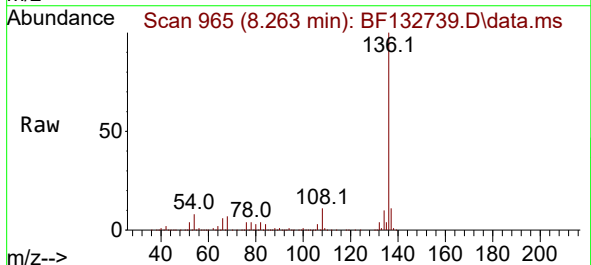
Instrument :
BNA_F
ClientSampleId :
PB151334BL

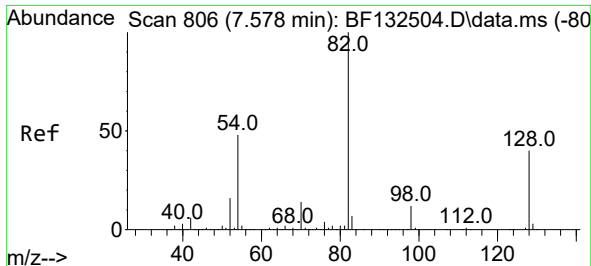
Tgt Ion: 99 Resp: 2421423
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 37.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion: 136 Resp: 972881
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.9 6.2 9.4
68 6.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 79.161 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

Instrument :

BNA_F

ClientSampleId :

PB151334BL

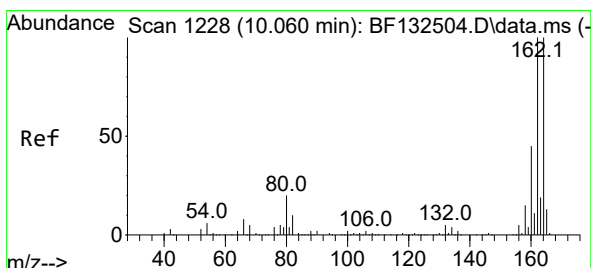
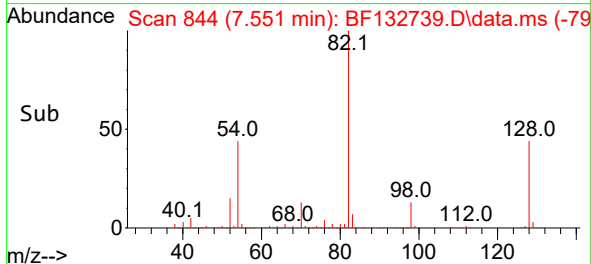
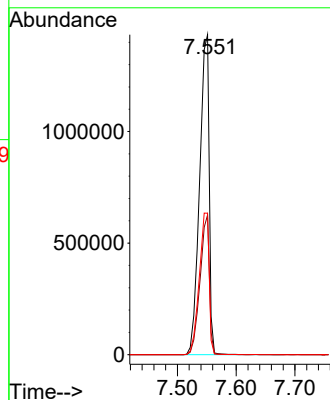
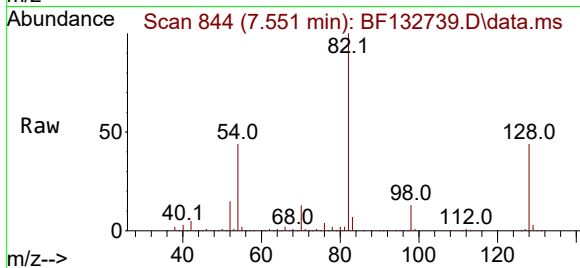
Tgt Ion: 82 Resp: 1623251

Ion Ratio Lower Upper

82 100

128 43.6 32.2 48.2

54 44.2 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

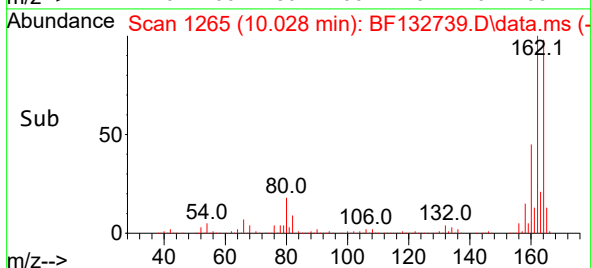
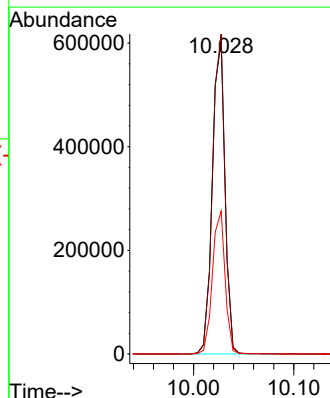
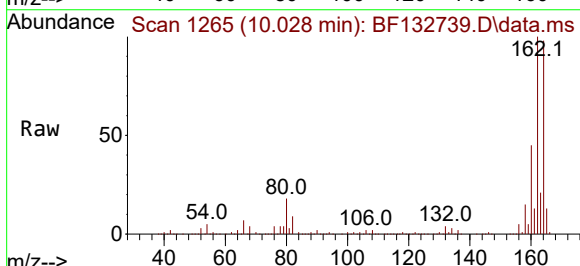
Tgt Ion:164 Resp: 529816

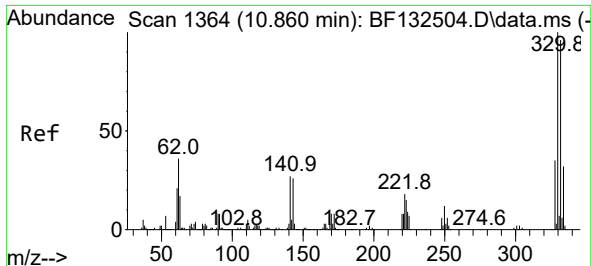
Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 126.849 ng

RT: 10.828 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

Instrument :

BNA_F

ClientSampleId :

PB151334BL

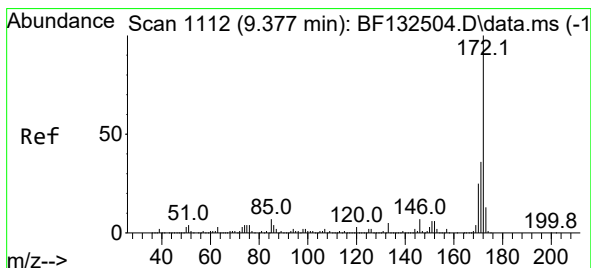
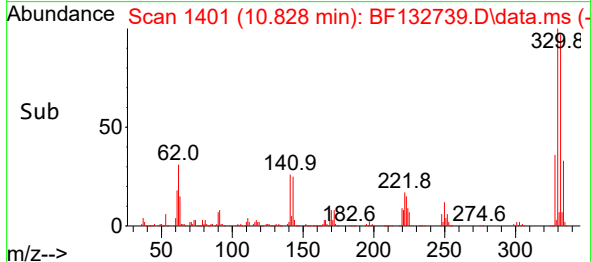
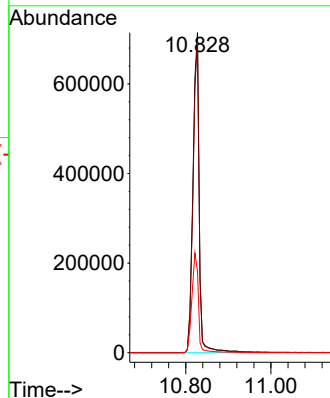
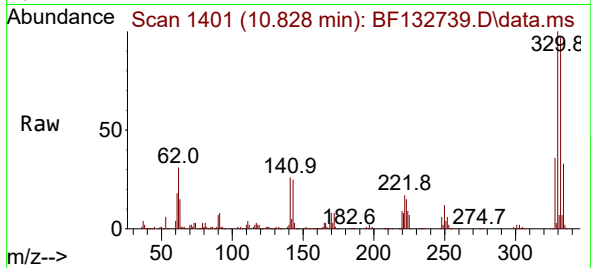
Tgt Ion:330 Resp: 725802

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 32.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 76.575 ng

RT: 9.345 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

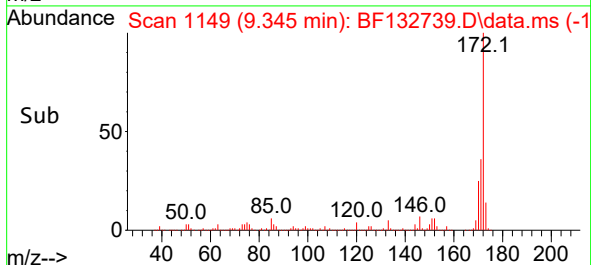
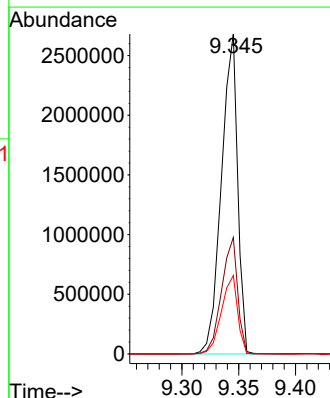
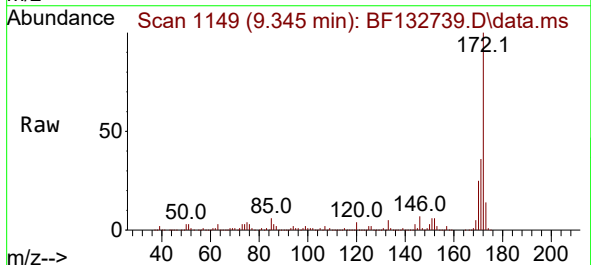
Tgt Ion:172 Resp: 2664453

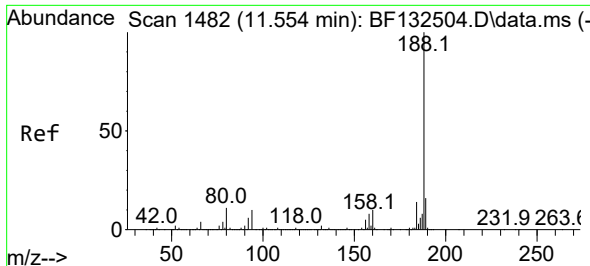
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.5 19.7 29.5

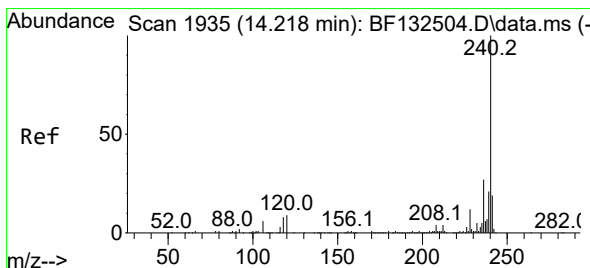
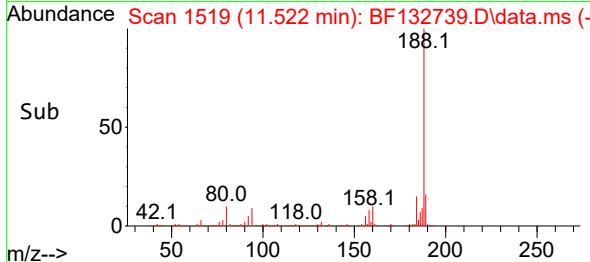
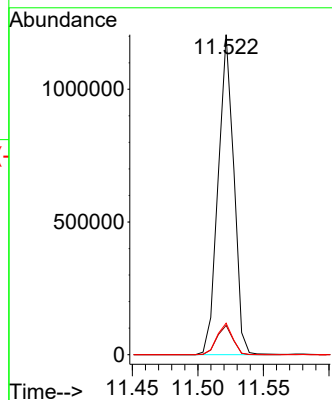
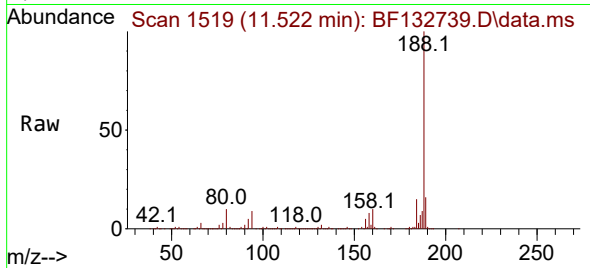




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

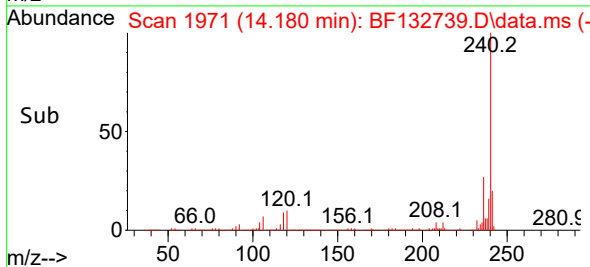
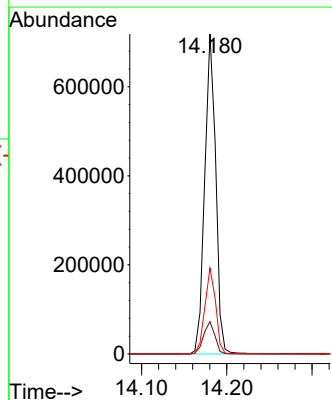
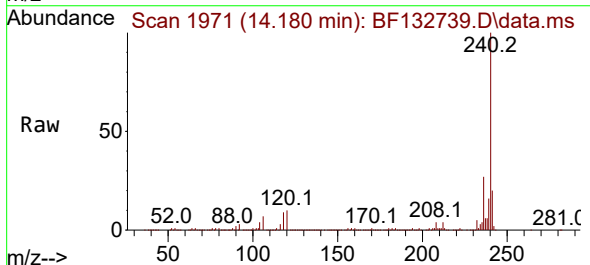
Instrument :
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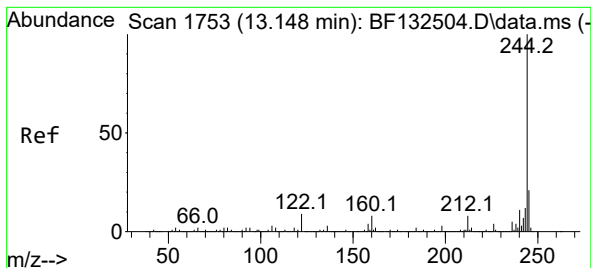
Tgt Ion:188 Resp: 1000027
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132739.D
Acq: 10 Mar 2023 13:51

Tgt Ion:240 Resp: 643951
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.8 21.8 32.6





#79

Terphenyl-d14

Concen: 86.740 ng

RT: 13.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

Instrument :

BNA_F

ClientSampleId :

PB151334BL

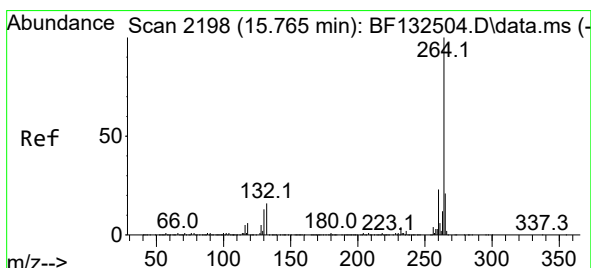
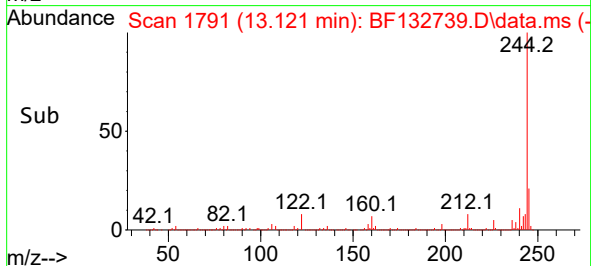
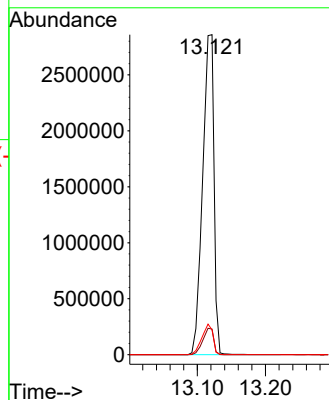
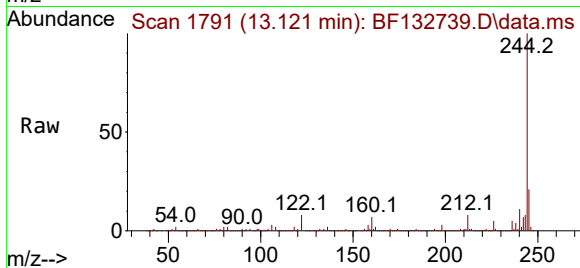
Tgt Ion:244 Resp: 3303634

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 7.8 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132739.D

Acq: 10 Mar 2023 13:51

Tgt Ion:264 Resp: 496743

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.5 17.1 25.7

