

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132696.D
 Acq On : 08 Mar 2023 18:24
 Operator : CG\JU
 Sample : 01825-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP2-0306

Quant Time: Mar 09 00:39:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

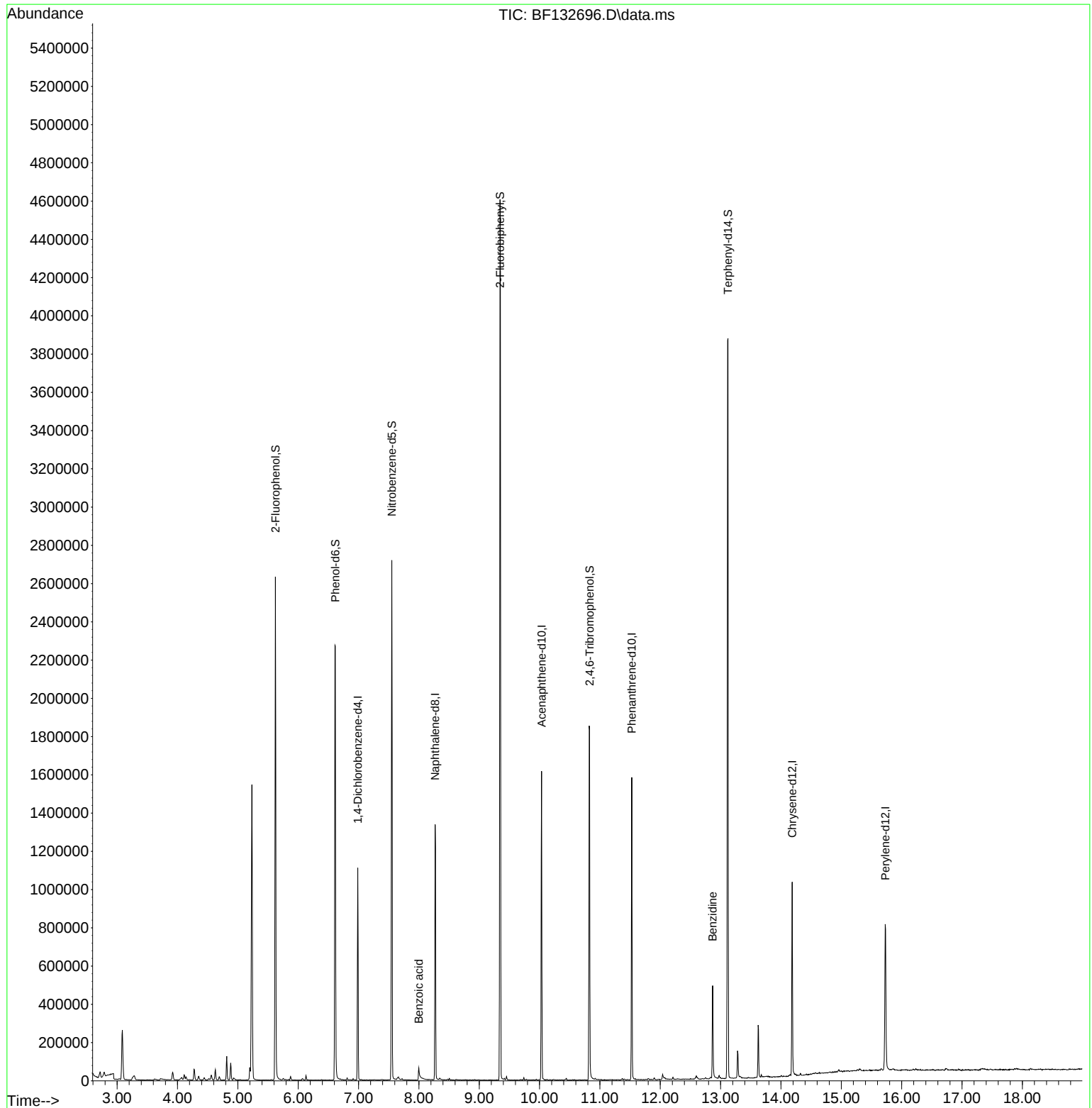
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	154572	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	581701	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	301769	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	534103	20.000	ng	0.00
76) Chrysene-d12	14.186	240	327388	20.000	ng	-0.01
86) Perylene-d12	15.727	264	384181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	718003	75.389	ng	0.00
7) Phenol-d6	6.616	99	881740	70.938	ng	0.00
23) Nitrobenzene-d5	7.551	82	910492	74.261	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	246099	75.514	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1463101	73.825	ng	-0.01
79) Terphenyl-d14	13.121	244	1547612	79.924	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	7.998	122	24672	6.991	ng	88
77) Benzidine	12.868	184	189045	23.721	ng	100

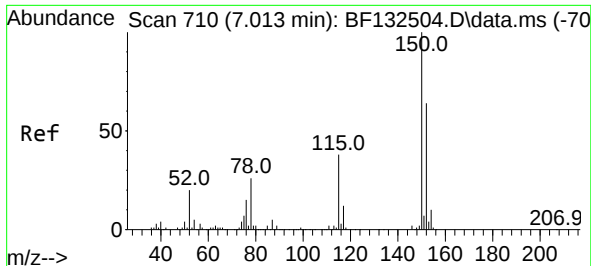
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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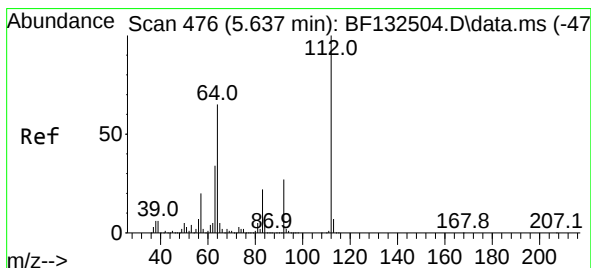
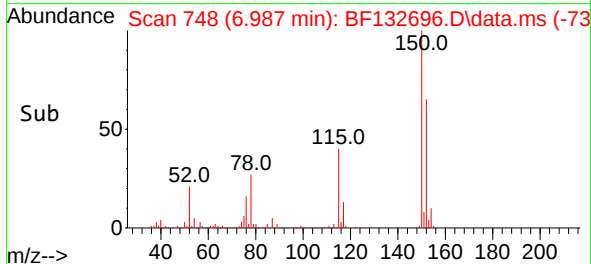
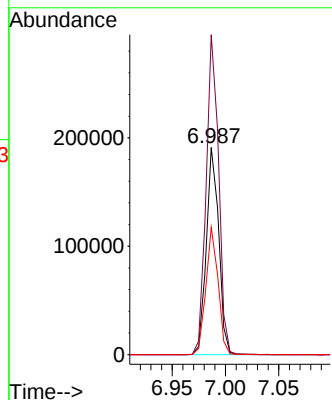
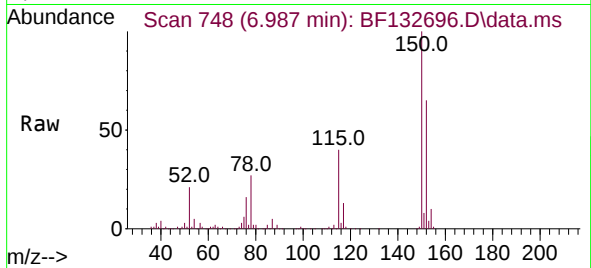




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

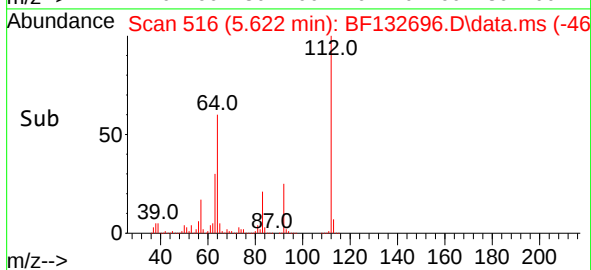
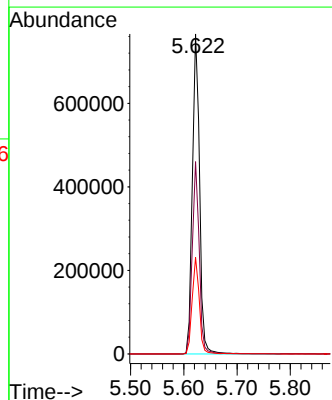
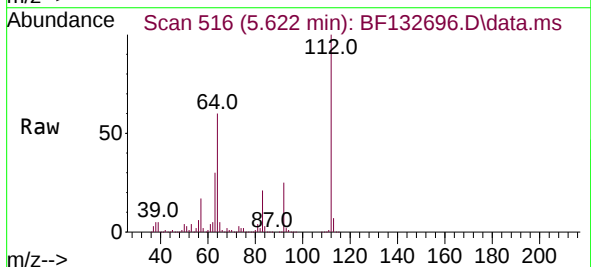
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

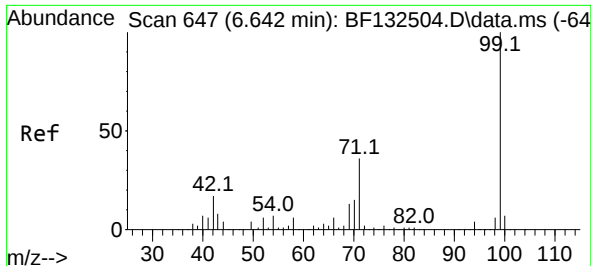
Tgt Ion:152 Resp: 154572
Ion Ratio Lower Upper
152 100
150 154.5 125.4 188.2
115 61.4 47.8 71.6



#5
2-Fluorophenol
Concen: 75.389 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

Tgt Ion:112 Resp: 718003
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 30.2 27.4 41.2

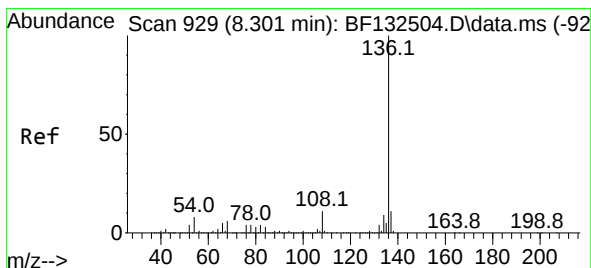
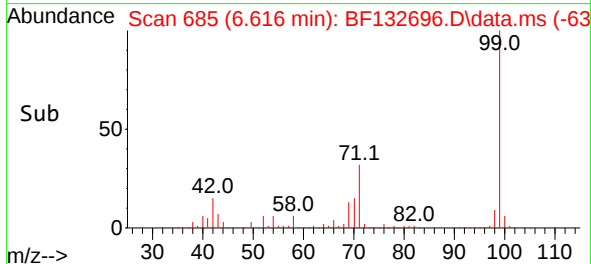
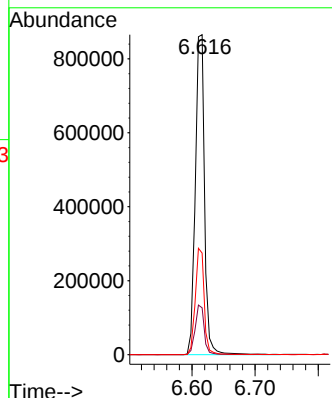
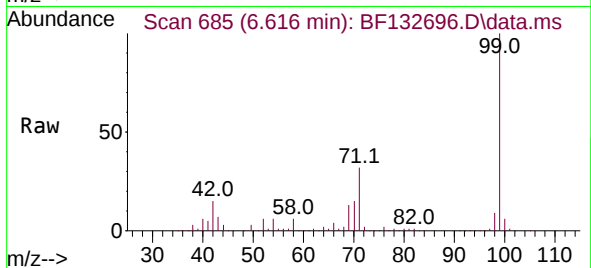




#7
Phenol-d6
Concen: 70.938 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

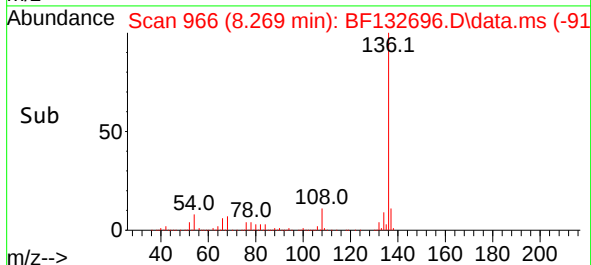
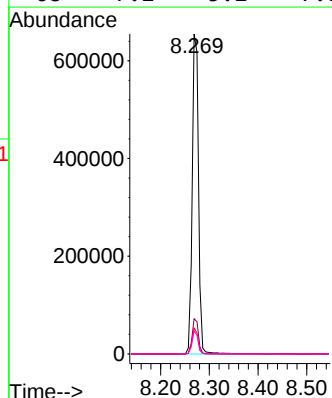
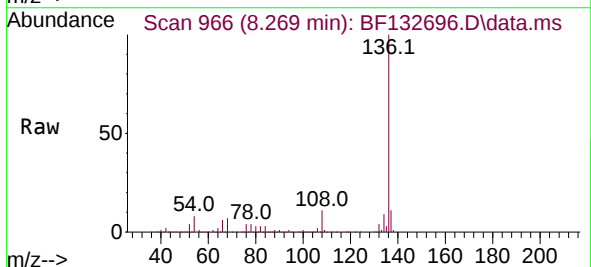
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

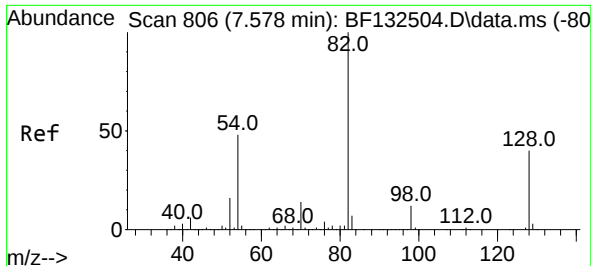
Tgt Ion: 99 Resp: 881740
Ion Ratio Lower Upper
99 100
42 14.6 13.9 20.9
71 31.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

Tgt Ion: 136 Resp: 581701
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.2 9.4
68 7.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.261 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

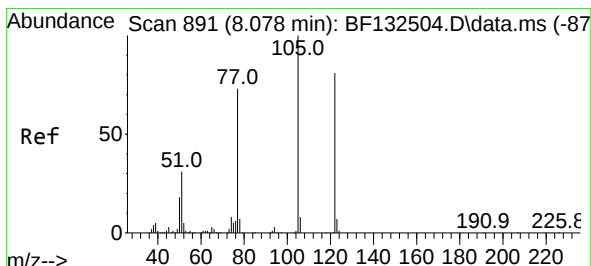
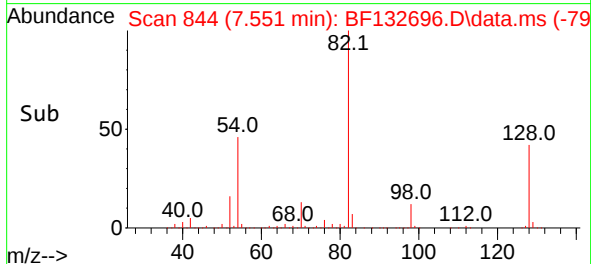
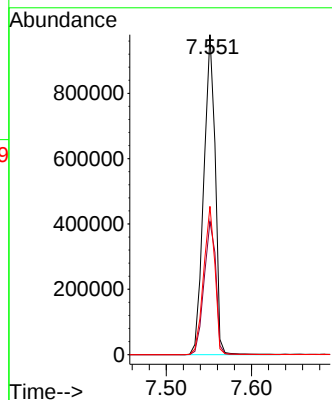
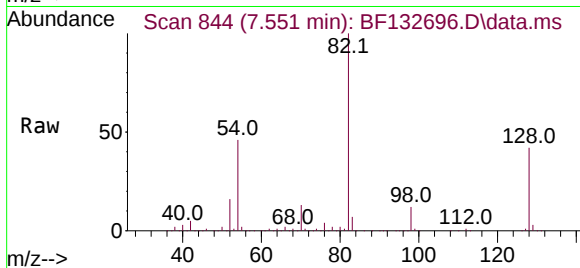
Tgt Ion: 82 Resp: 910492

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 46.3 38.4 57.6



#32

Benzoic acid

Concen: 6.991 ng

RT: 7.998 min Scan# 920

Delta R.T. -0.059 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

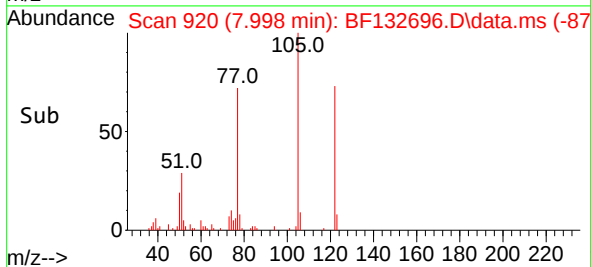
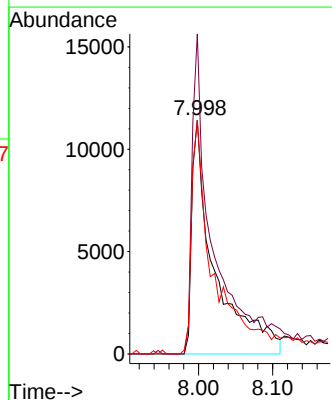
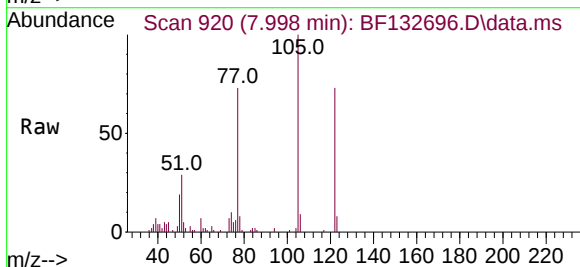
Tgt Ion: 122 Resp: 24672

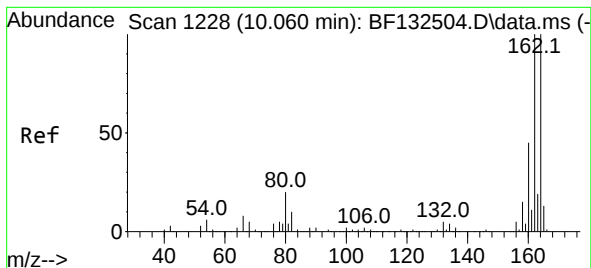
Ion Ratio Lower Upper

122 100

105 136.9 102.6 142.6

77 99.9 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

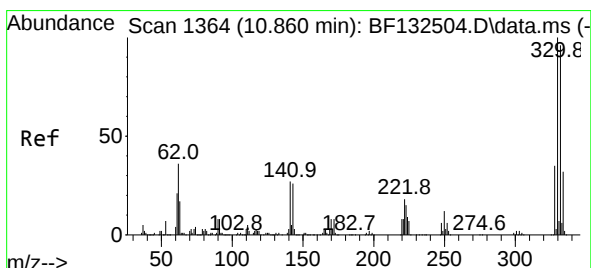
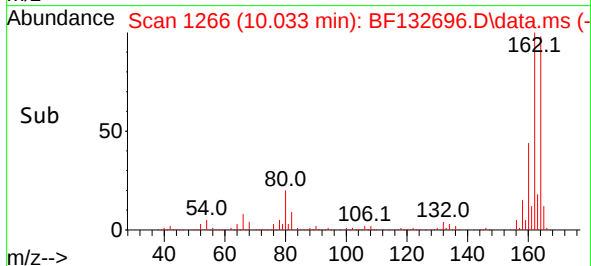
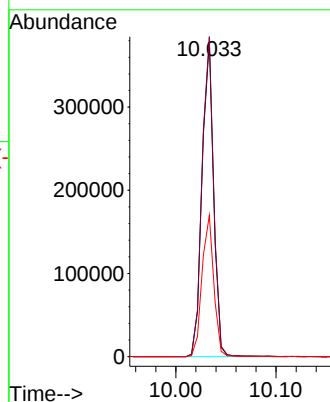
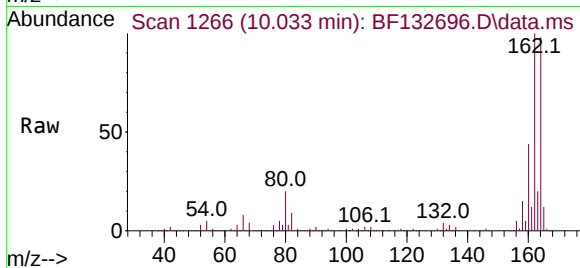
Tgt Ion:164 Resp: 301769

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

160 44.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 75.514 ng

RT: 10.827 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

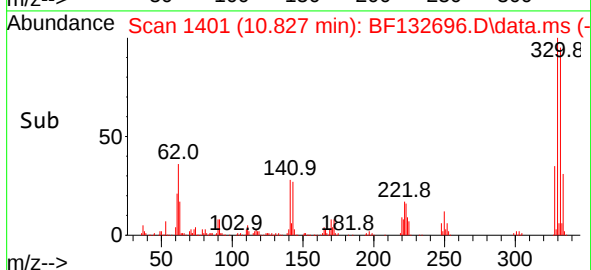
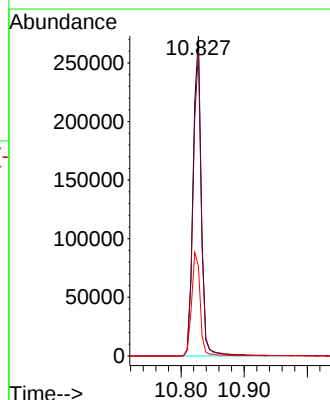
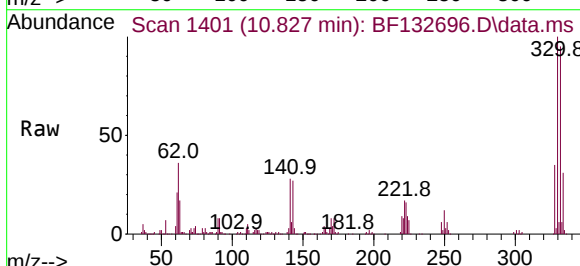
Tgt Ion:330 Resp: 246099

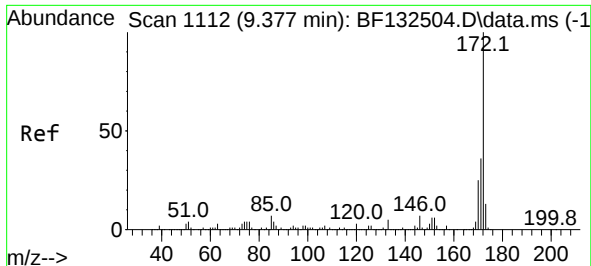
Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 33.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 73.825 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

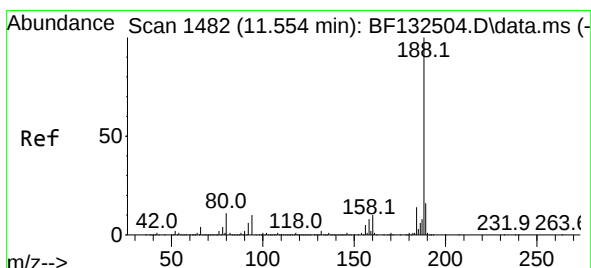
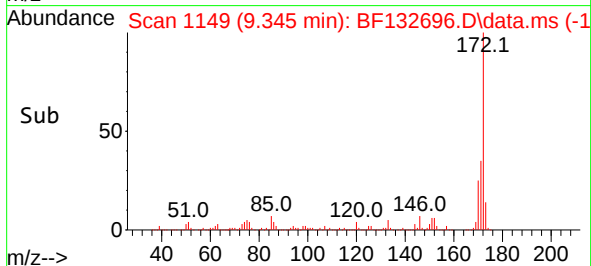
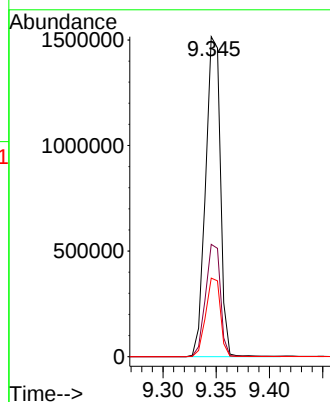
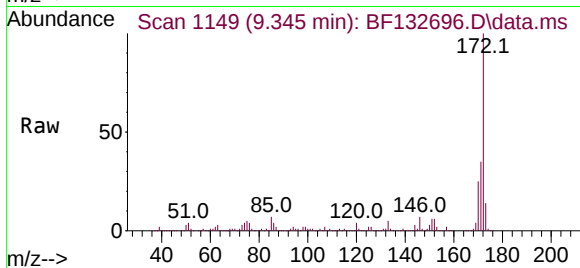
Tgt Ion:172 Resp: 1463101

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.5 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.527 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

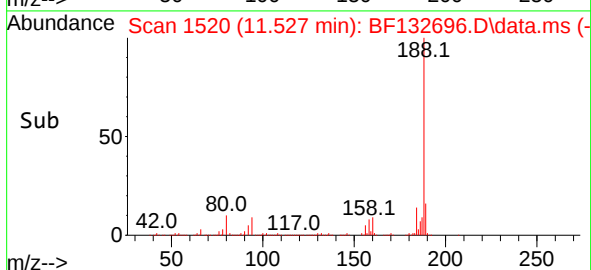
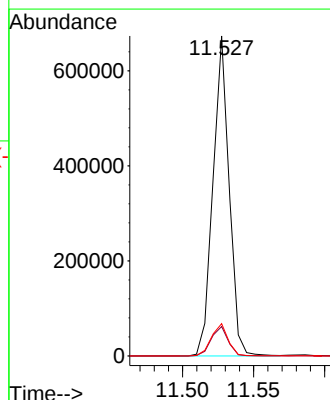
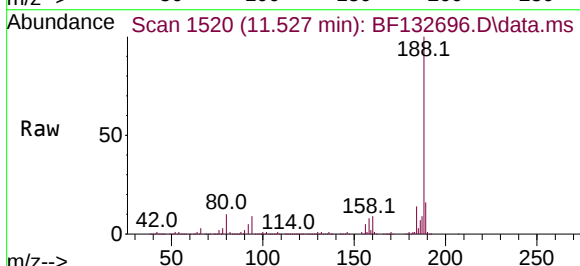
Tgt Ion:188 Resp: 534103

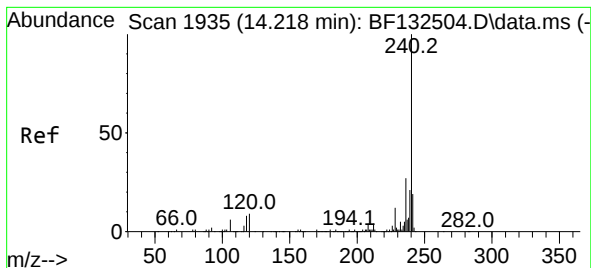
Ion Ratio Lower Upper

188 100

94 9.2 8.3 12.5

80 10.1 8.7 13.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

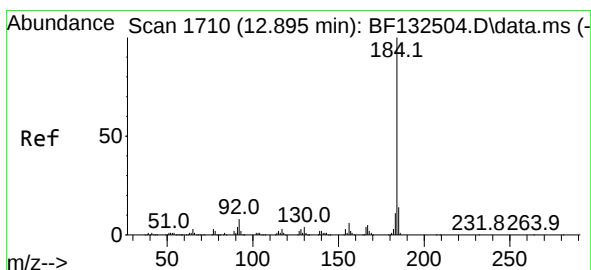
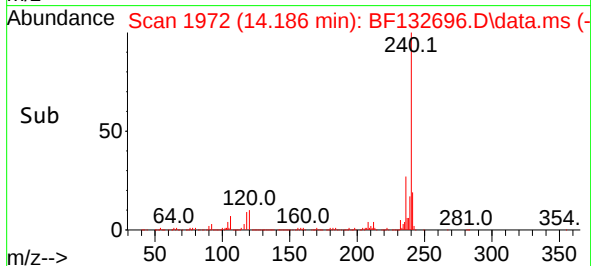
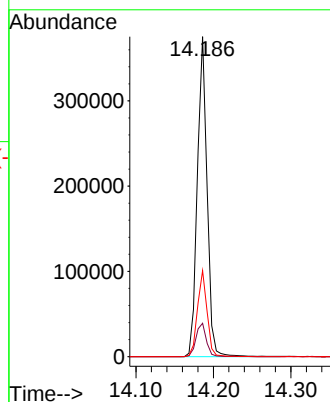
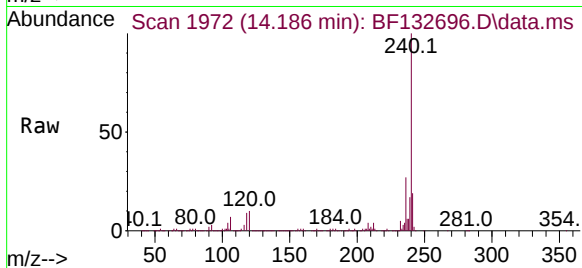
Tgt Ion:240 Resp: 327388

Ion Ratio Lower Upper

240 100

120 10.4 7.2 10.8

236 26.9 21.8 32.6



#77

Benzidine

Concen: 23.721 ng

RT: 12.868 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BF132696.D

Acq: 08 Mar 2023 18:24

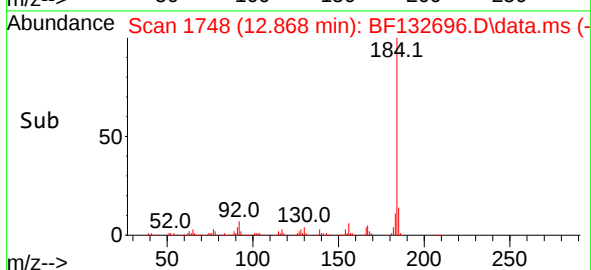
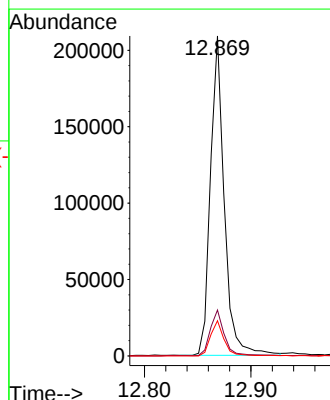
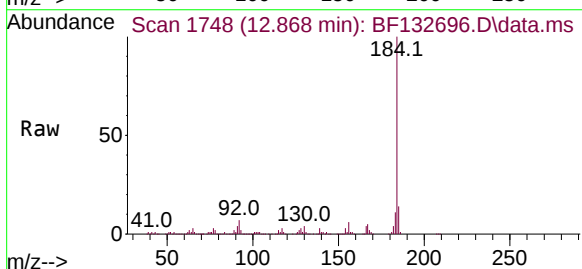
Tgt Ion:184 Resp: 189045

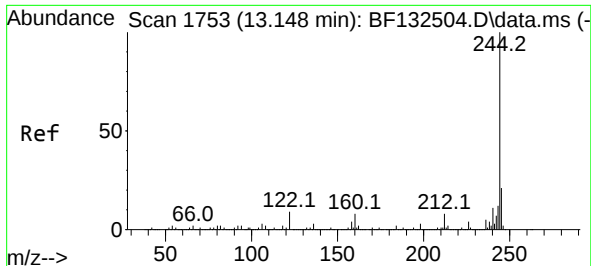
Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

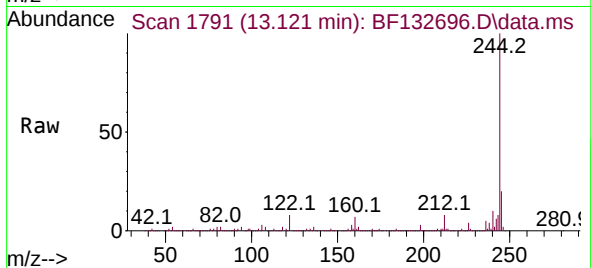
183 11.0 8.7 13.1



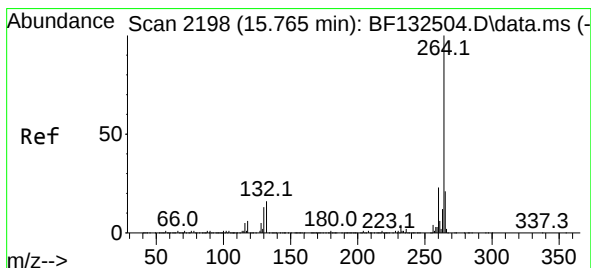
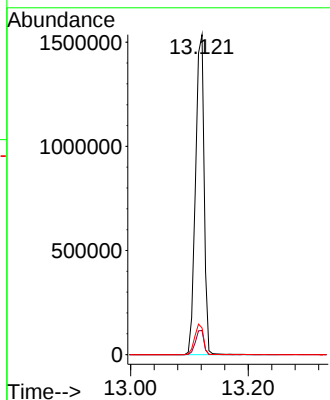
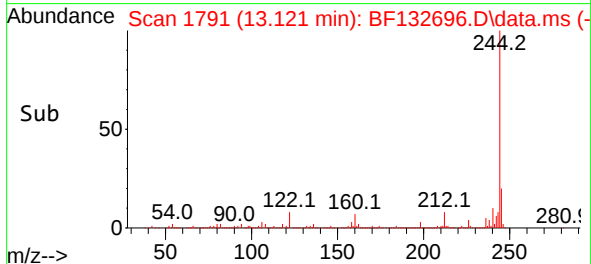


#79
Terphenyl-d14
Concen: 79.924 ng
RT: 13.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

Instrument :
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Tgt Ion:244 Resp: 1547612
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.3 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF132696.D
Acq: 08 Mar 2023 18:24

Tgt Ion:264 Resp: 384181
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.0 17.1 25.7

