

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133174.D
 Acq On : 02 May 2023 00:53
 Operator : CG\JU
 Sample : 02555-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-1-042823

Quant Time: May 02 05:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

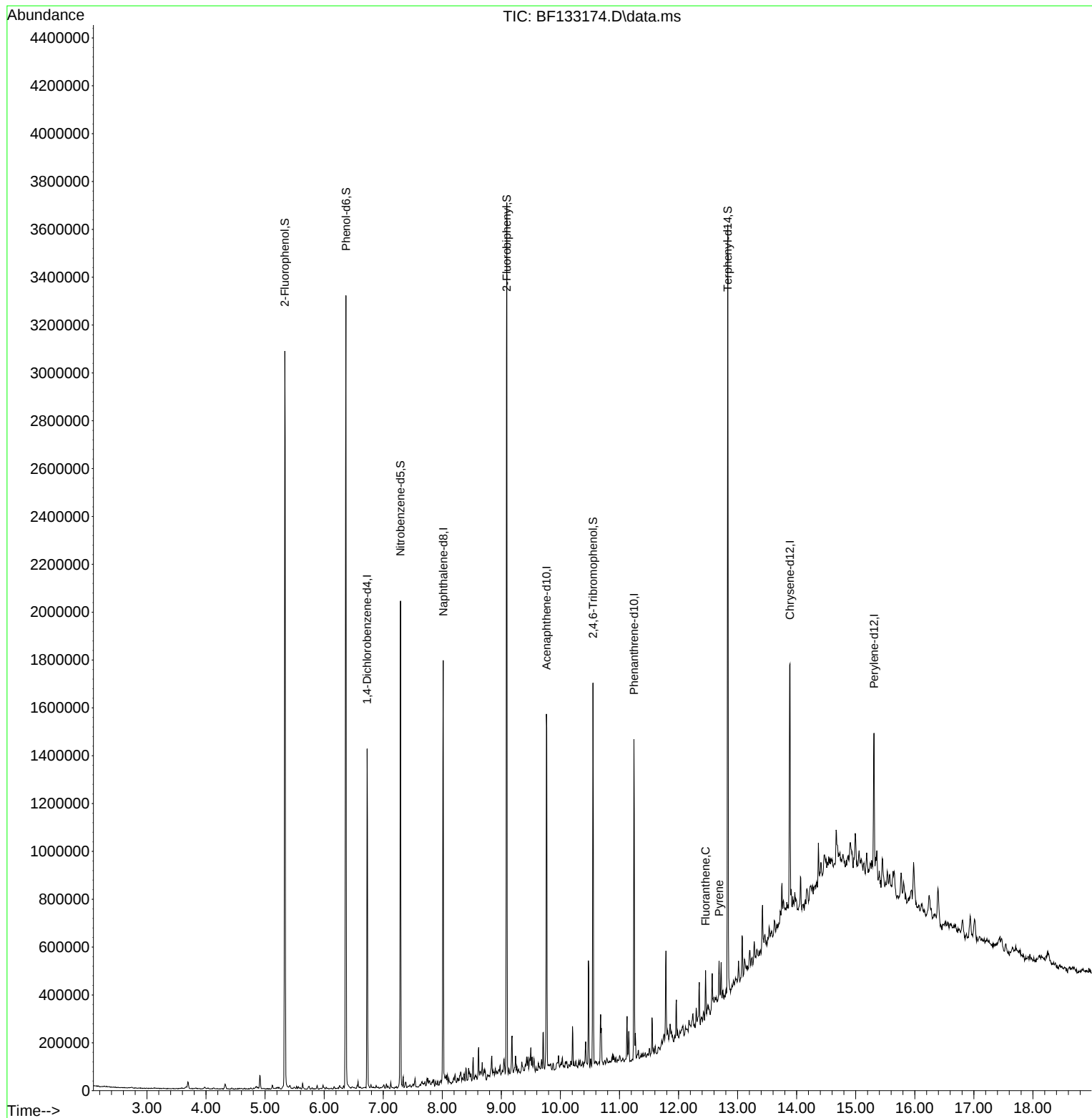
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201225	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	683135	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	309780	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	472637	20.000	ng	0.00
76) Chrysene-d12	13.886	240	349978	20.000	ng	0.00
86) Perylene-d12	15.310	264	259066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	925690	69.492	ng	0.00
7) Phenol-d6	6.369	99	1093209	66.119	ng	0.00
23) Nitrobenzene-d5	7.292	82	550701	43.513	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	189683	60.885	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1034721	55.881	ng	0.00
79) Terphenyl-d14	12.833	244	1020881	50.308	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.457	202	62578	2.455	ng	99
78) Pyrene	12.686	202	66992	2.233	ng	98

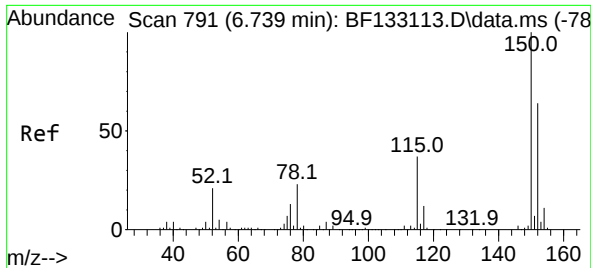
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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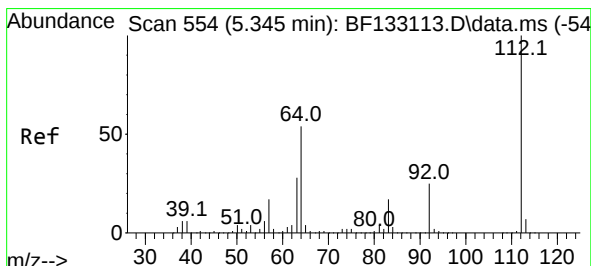
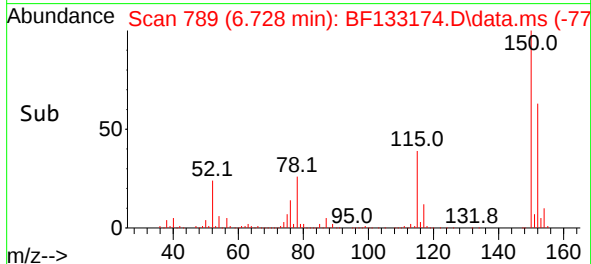
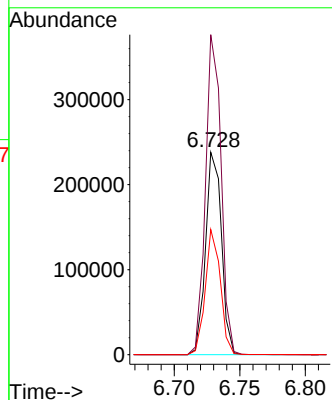
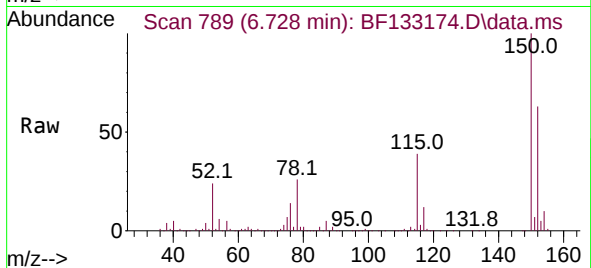




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133174.D
 Acq: 02 May 2023 00:53

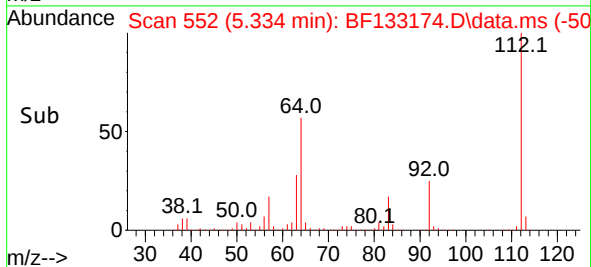
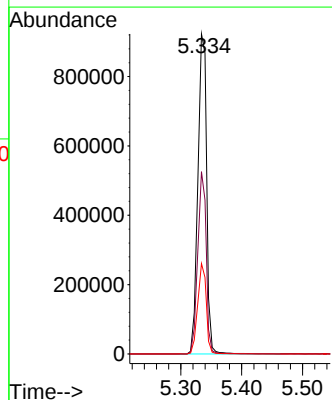
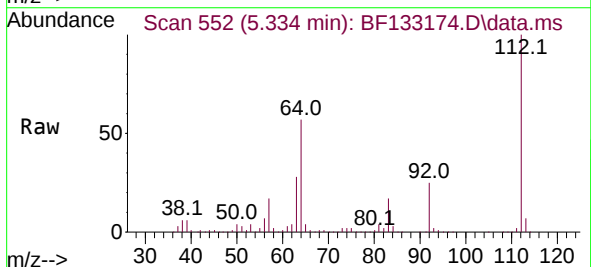
Instrument :
 BNA_F
 ClientSampleId :
 OE-1-042823

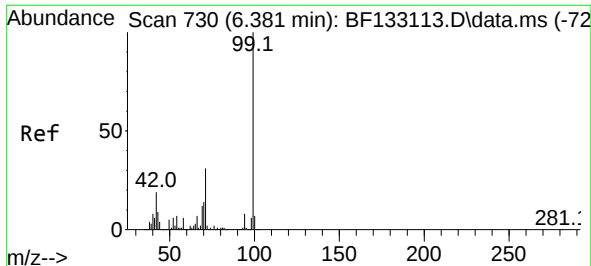
Tgt Ion:152 Resp: 201225
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 69.492 ng
 RT: 5.334 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF133174.D
 Acq: 02 May 2023 00:53

Tgt Ion:112 Resp: 925690
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.8 70.2
 63 28.3 23.8 35.8

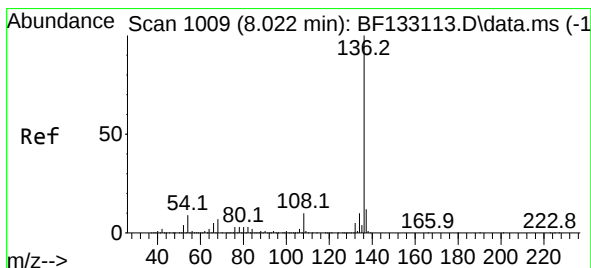
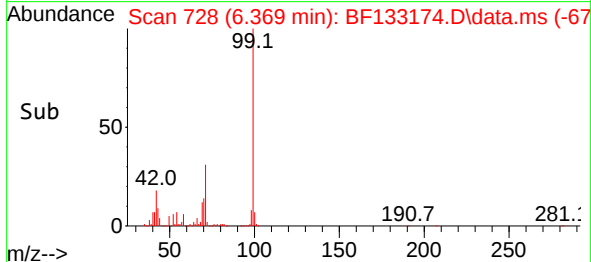
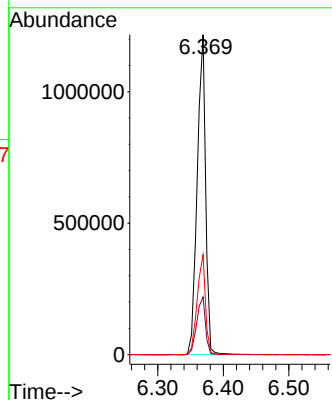
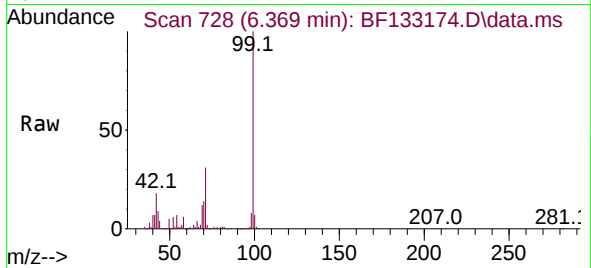




#7
Phenol-d6
Concen: 66.119 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133174.D
Acq: 02 May 2023 00:53

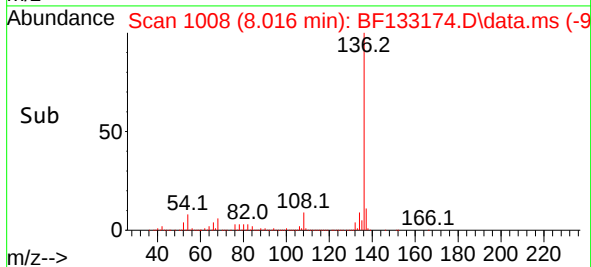
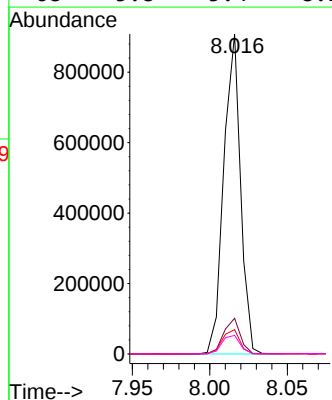
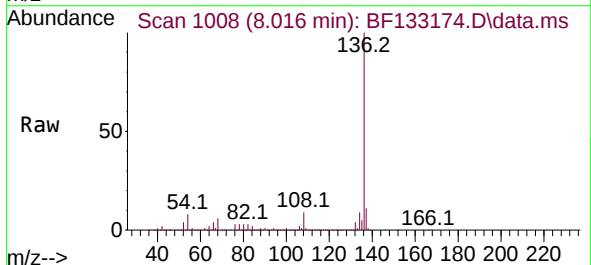
Instrument :
BNA_F
ClientSampleId :
OE-1-042823

Tgt Ion: 99 Resp: 1093209
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133174.D
Acq: 02 May 2023 00:53

Tgt Ion: 136 Resp: 683135
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 7.0 10.4
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 43.513 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

Instrument :

BNA_F

ClientSampleId :

OE-1-042823

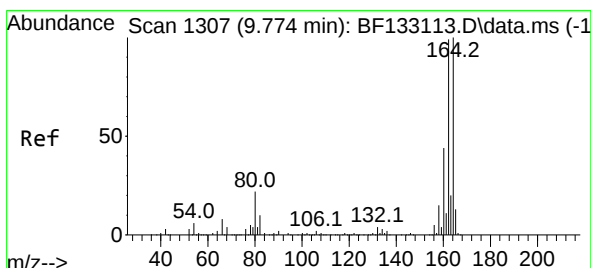
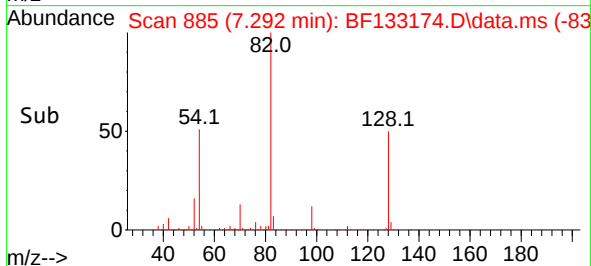
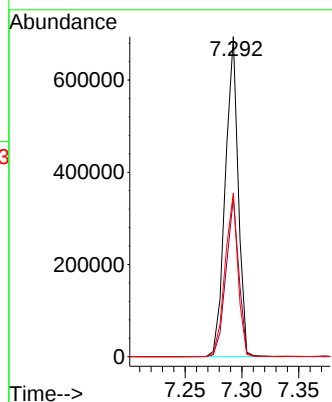
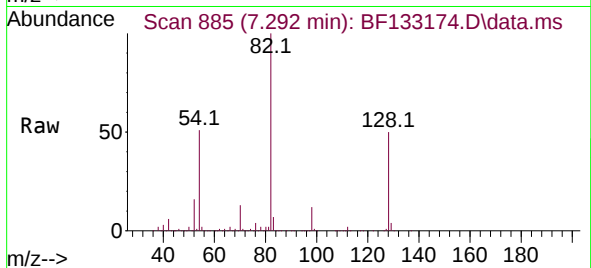
Tgt Ion: 82 Resp: 550701

Ion Ratio Lower Upper

82 100

128 49.7 37.7 56.5

54 51.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

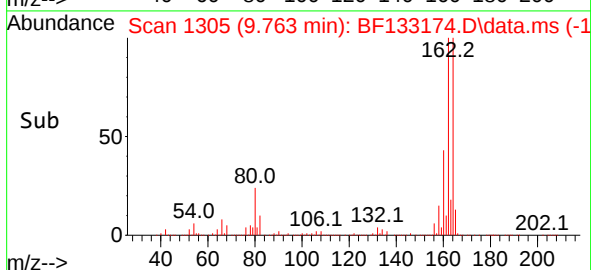
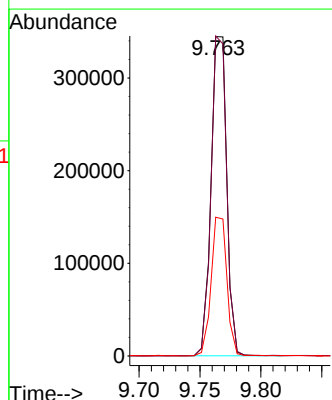
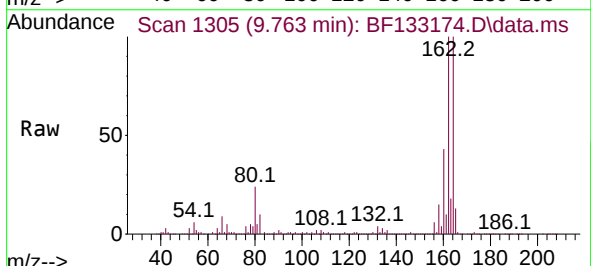
Tgt Ion:164 Resp: 309780

Ion Ratio Lower Upper

164 100

162 100.2 78.7 118.1

160 43.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 60.885 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

Instrument :

BNA_F

ClientSampleId :

OE-1-042823

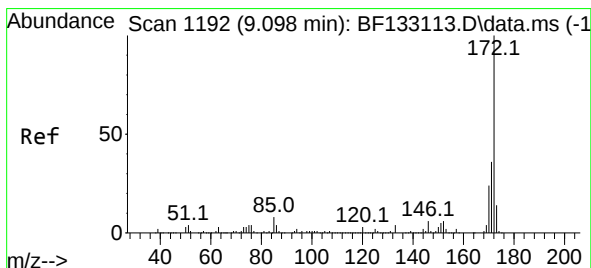
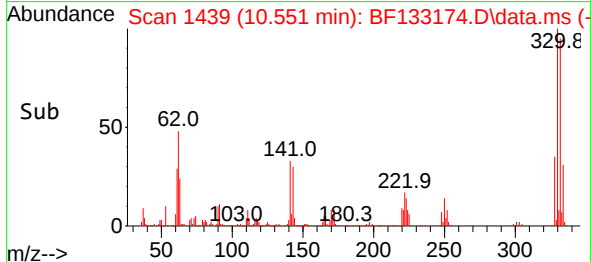
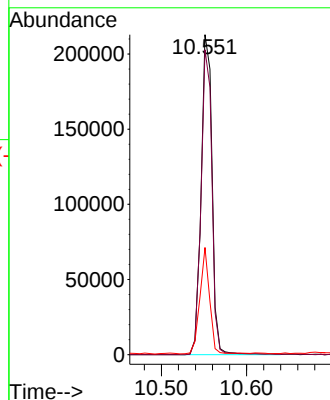
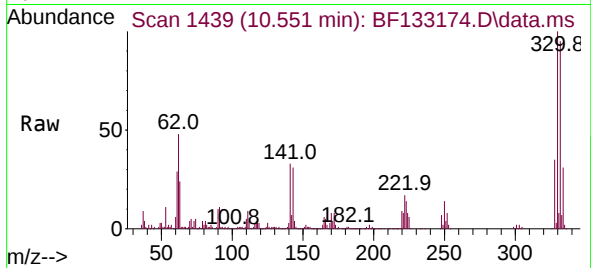
Tgt Ion:330 Resp: 189683

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

141 29.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 55.881 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

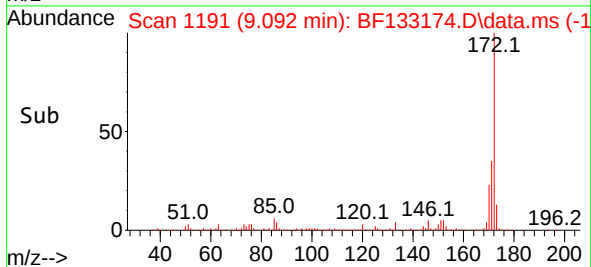
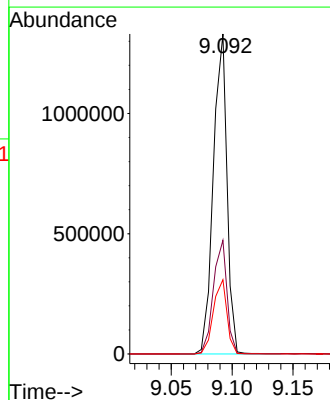
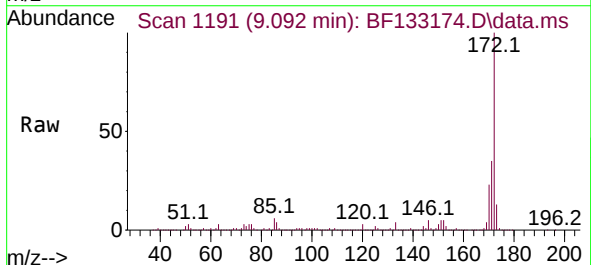
Tgt Ion:172 Resp: 1034721

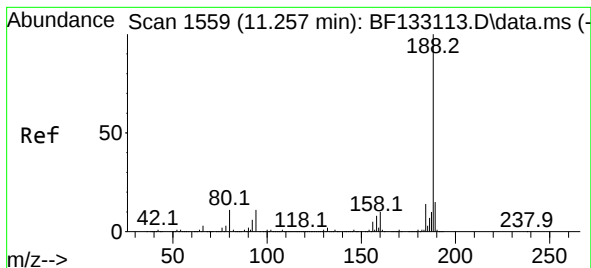
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

Instrument :

BNA_F

ClientSampleId :

OE-1-042823

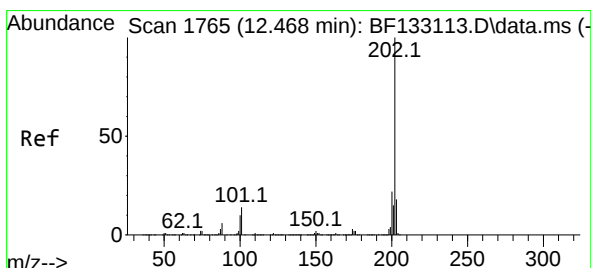
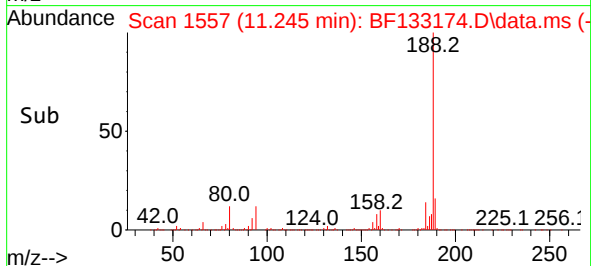
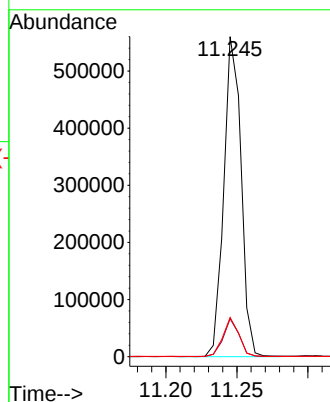
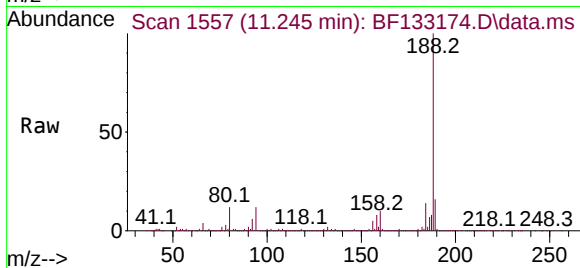
Tgt Ion:188 Resp: 472637

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.2 10.4 15.6



#75

Fluoranthene

Concen: 2.455 ng

RT: 12.457 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BF133174.D

Acq: 02 May 2023 00:53

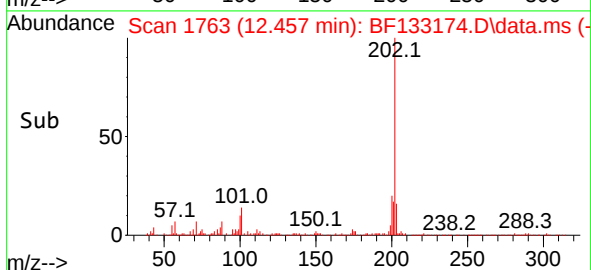
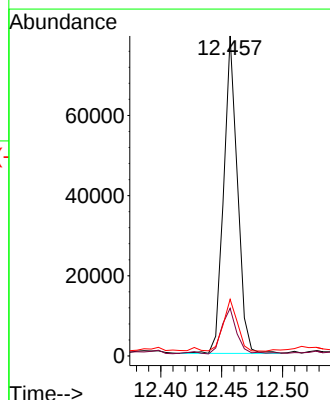
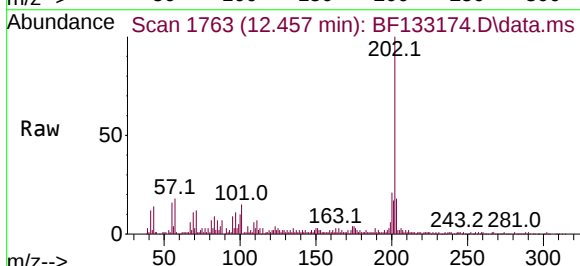
Tgt Ion:202 Resp: 62578

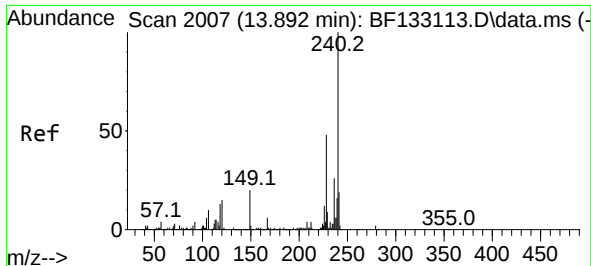
Ion Ratio Lower Upper

202 100

101 14.9 0.0 35.3

203 17.7 0.0 38.1

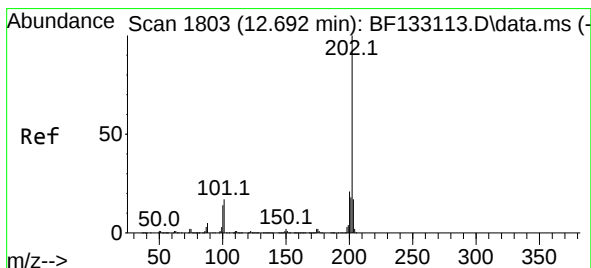
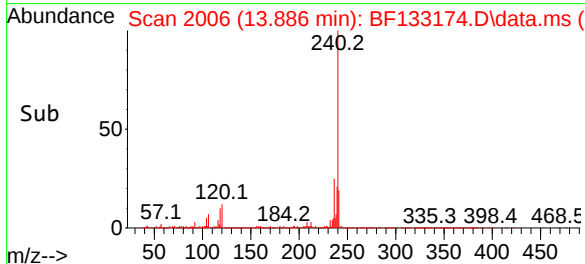
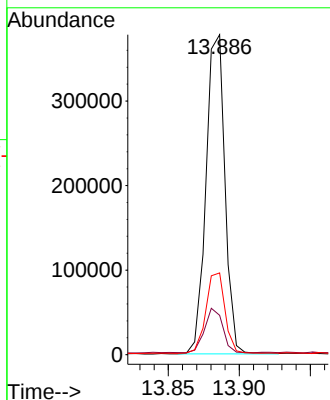
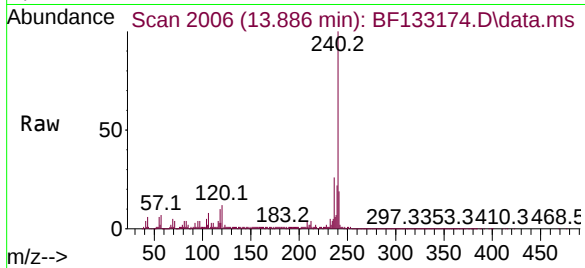




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133174.D
Acq: 02 May 2023 00:53

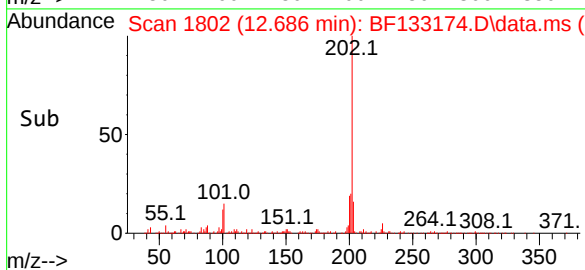
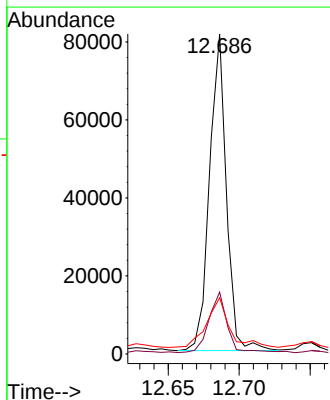
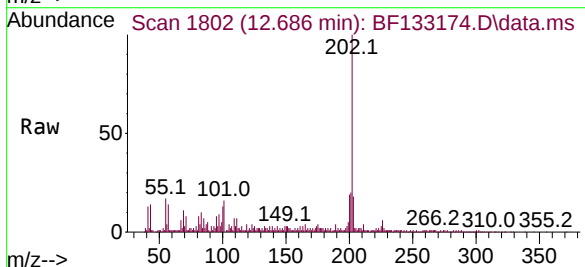
Instrument :
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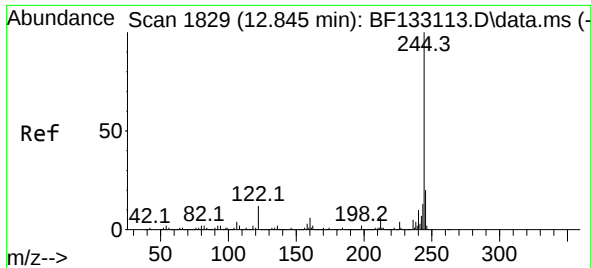
Tgt Ion:240 Resp: 349978
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 25.6 21.5 32.3



#78
Pyrene
Concen: 2.233 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF133174.D
Acq: 02 May 2023 00:53

Tgt Ion:202 Resp: 66992
Ion Ratio Lower Upper
202 100
200 19.3 17.1 25.7
203 17.6 14.1 21.1

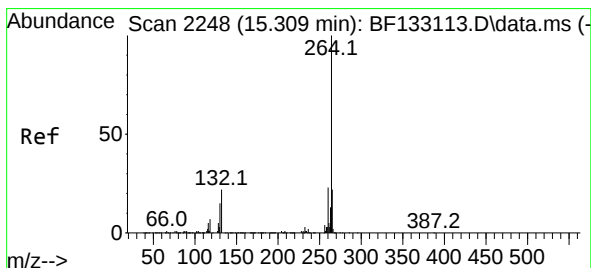
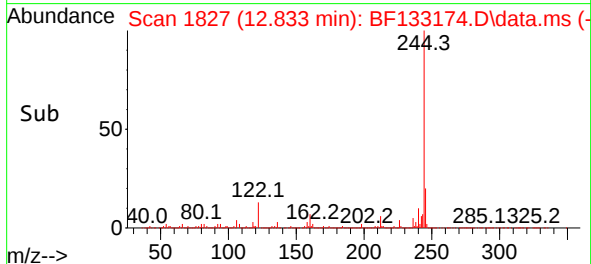
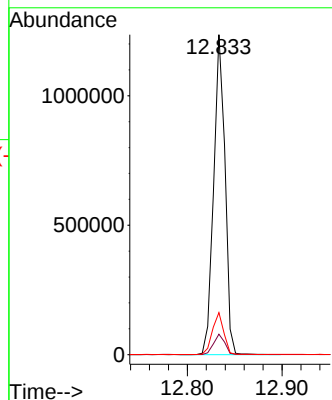
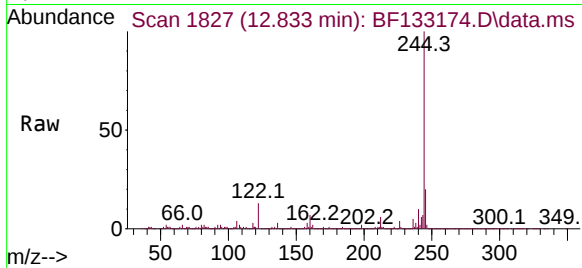




#79
 Terphenyl-d14
 Concen: 50.308 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133174.D
 Acq: 02 May 2023 00:53

Instrument :
 BNA_F
 ClientSampleId :
 OE-1-042823

Tgt Ion:244 Resp: 1020881
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.2 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF133174.D
 Acq: 02 May 2023 00:53

Tgt Ion:264 Resp: 259066
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.5 17.0 25.4

