

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133677.D
 Acq On : 09 Jun 2023 15:47
 Operator : CG\JU
 Sample : 03064-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24236

Quant Time: Jun 09 16:47:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

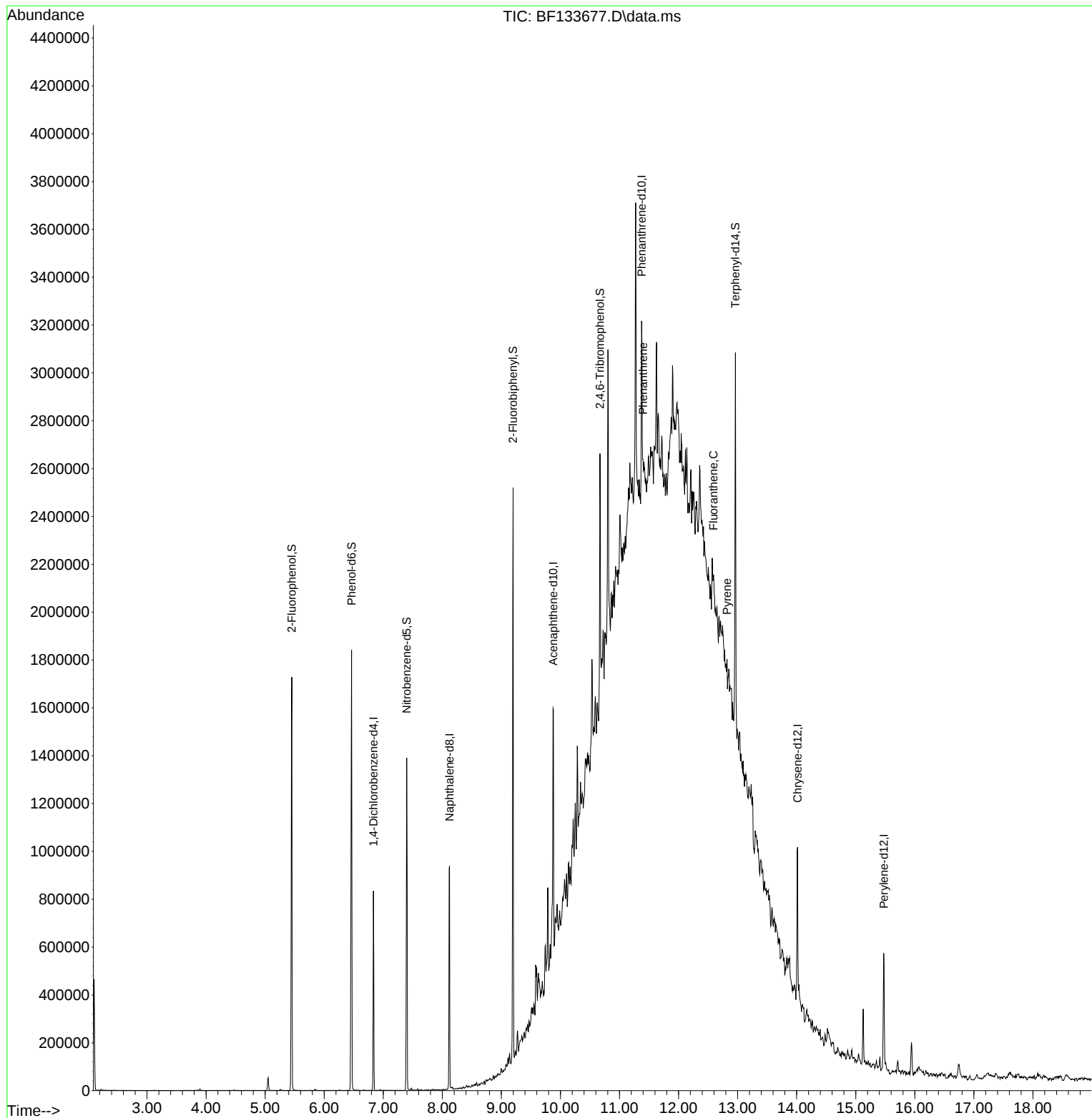
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	106839	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	403065	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	178443	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	270535	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	206455	20.000	ng	0.00
86) Perylene-d12	15.474	264	222821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	441341	71.915	ng	0.00
7) Phenol-d6	6.463	99	574481	71.915	ng	0.00
23) Nitrobenzene-d5	7.398	82	398595	53.863	ng	-0.01
42) 2,4,6-Tribromophenol	10.668	330	147867	65.463	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	685334	54.595	ng	0.00
79) Terphenyl-d14	12.962	244	540049	40.476	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.398	178	30354	2.211	ng	# 70
75) Fluoranthene	12.592	202	52994	3.636	ng	94
78) Pyrene	12.821	202	46018	2.393	ng	# 91

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

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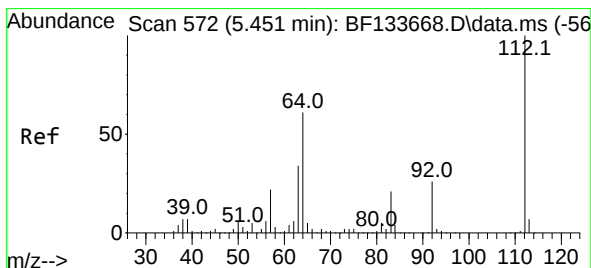
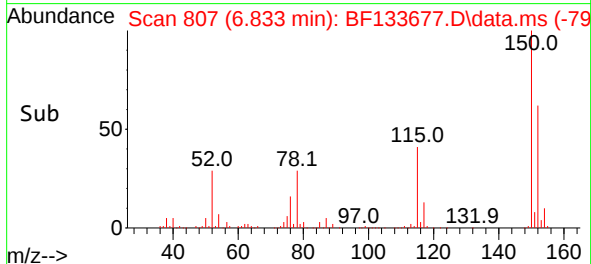
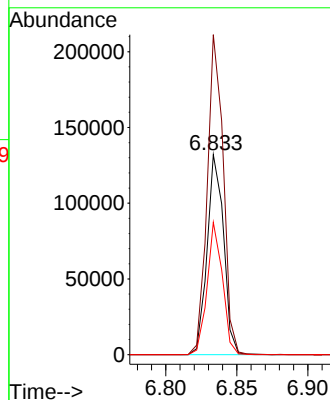
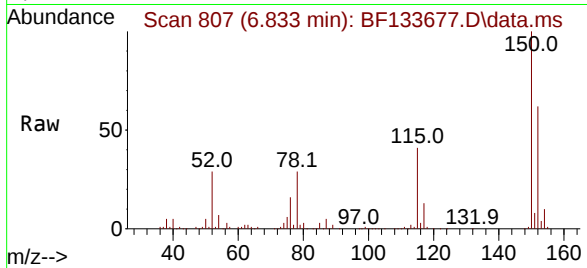




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.007 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

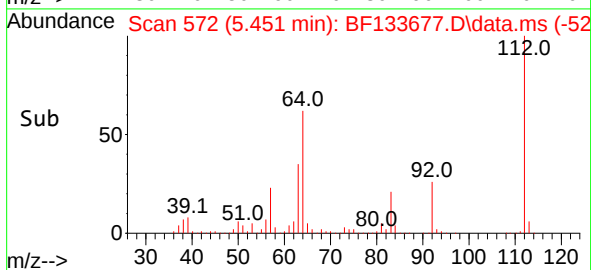
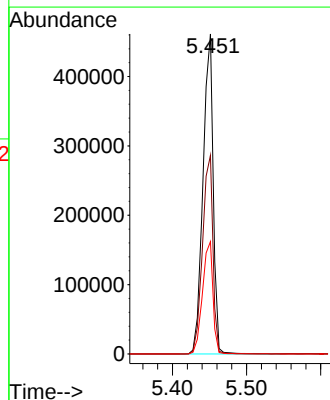
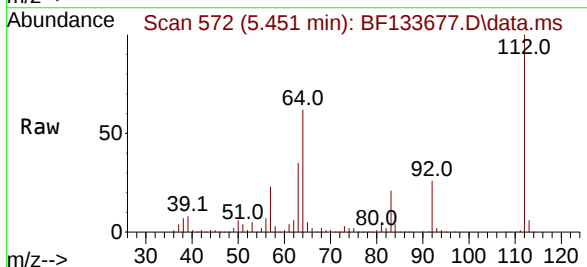
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

Tgt Ion:152 Resp: 106839
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 66.1 48.5 72.7



#5
2-Fluorophenol
Concen: 71.915 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Tgt Ion:112 Resp: 441341
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.4
63 35.1 26.8 40.2

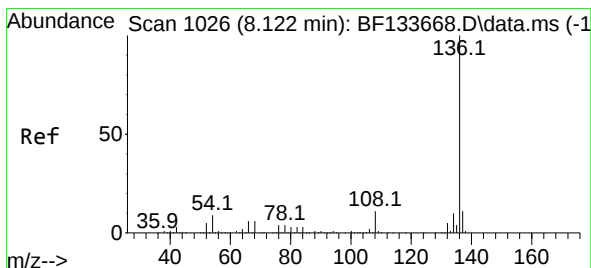
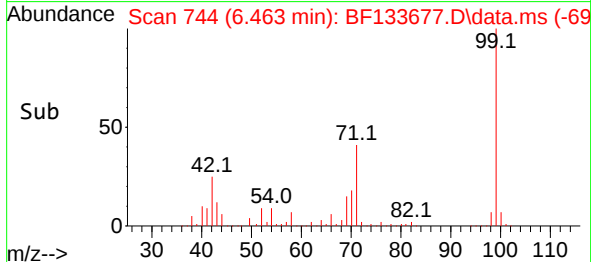
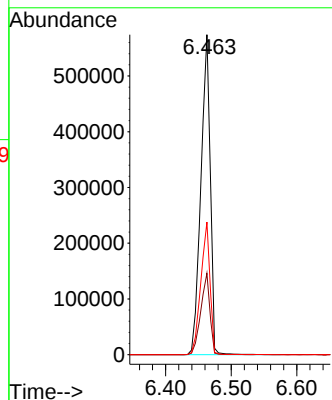
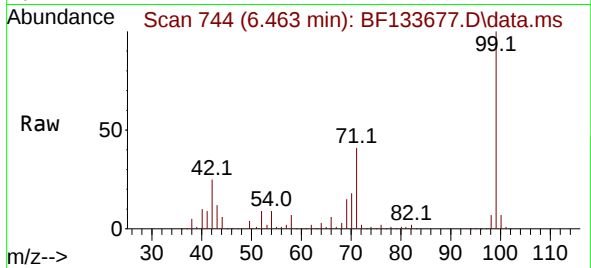




#7
Phenol-d6
Concen: 71.915 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

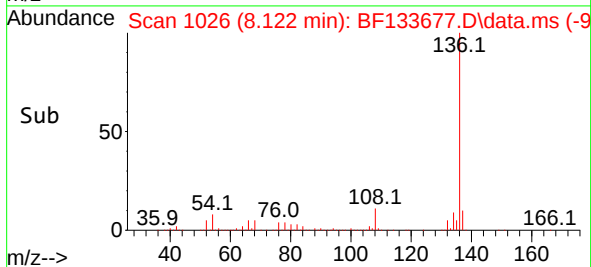
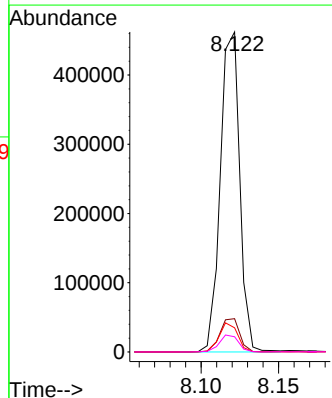
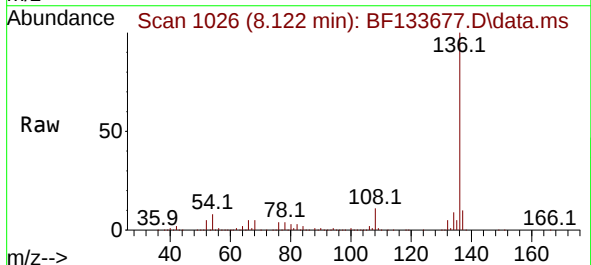
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

Tgt Ion: 99 Resp: 574481
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Tgt Ion: 136 Resp: 403065
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.5 7.4 11.0
68 4.7 4.4 6.6





#23

Nitrobenzene-d5

Concen: 53.863 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236

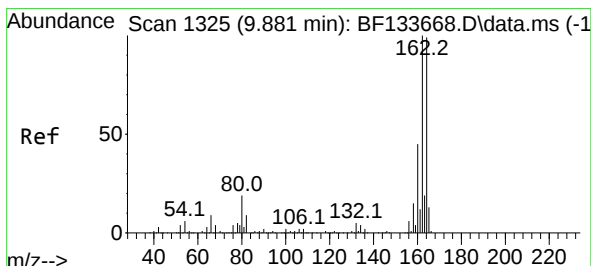
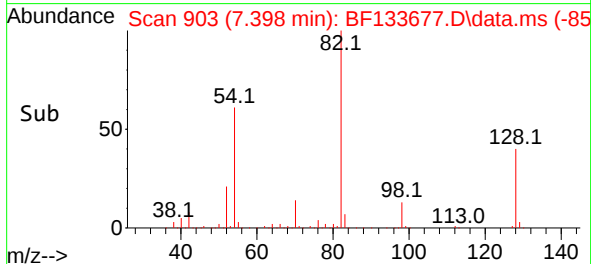
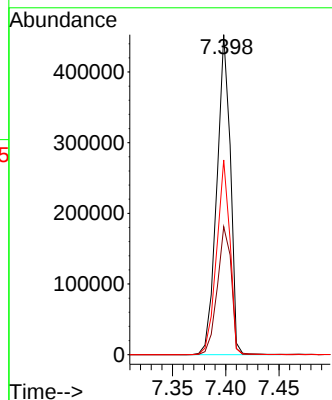
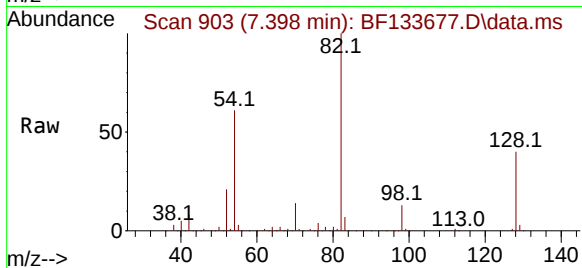
Tgt Ion: 82 Resp: 398595

Ion Ratio Lower Upper

82 100

128 40.0 34.2 51.2

54 60.8 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

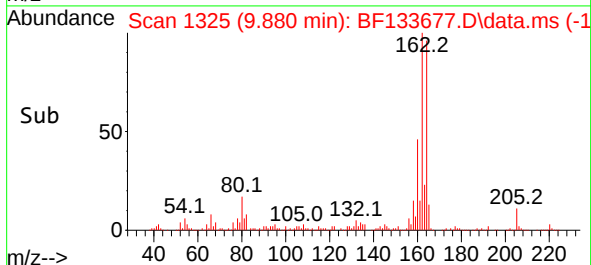
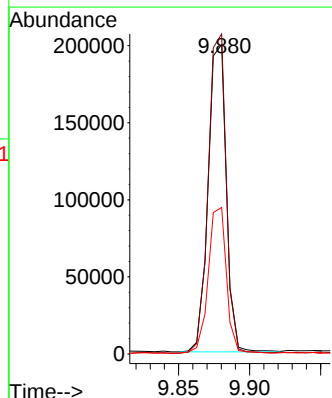
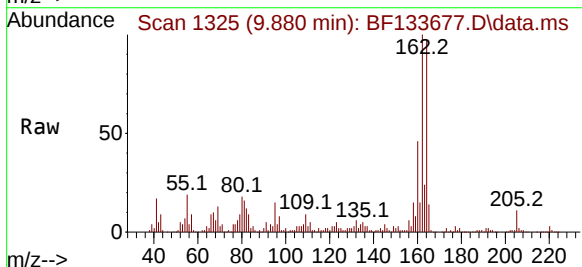
Tgt Ion:164 Resp: 178443

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

160 47.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 65.463 ng

RT: 10.668 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133677.D

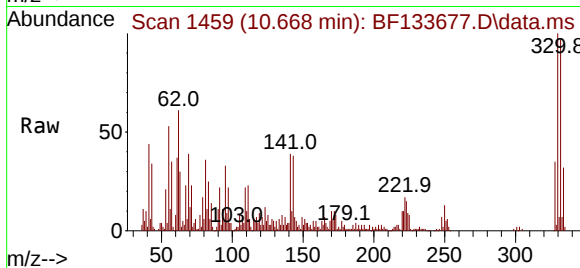
Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236



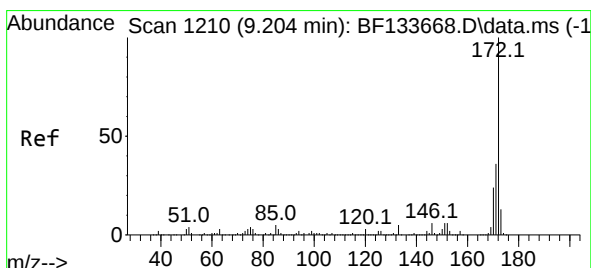
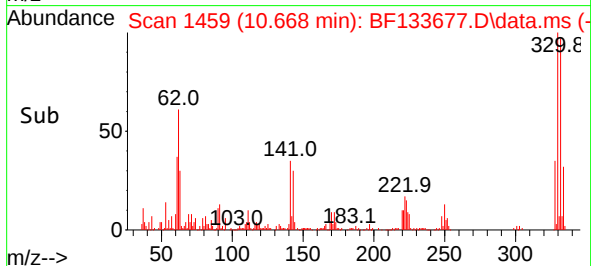
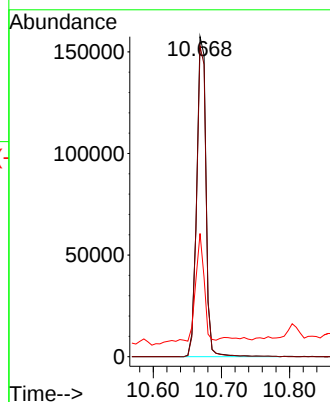
Tgt Ion:330 Resp: 147867

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 34.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 54.595 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

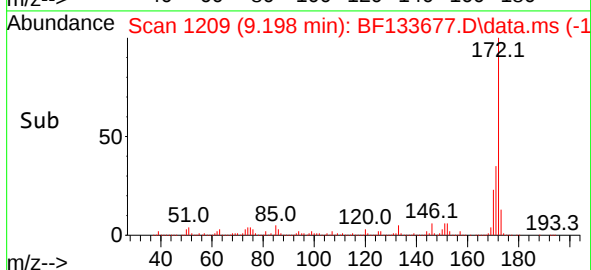
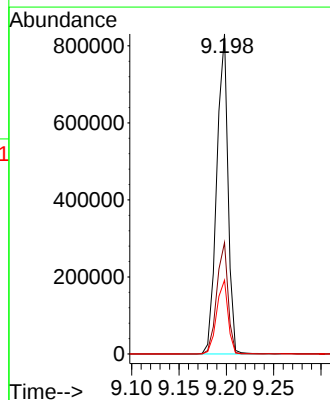
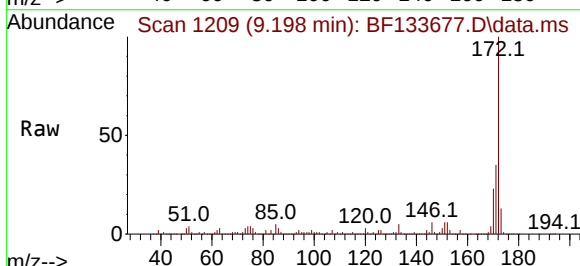
Tgt Ion:172 Resp: 685334

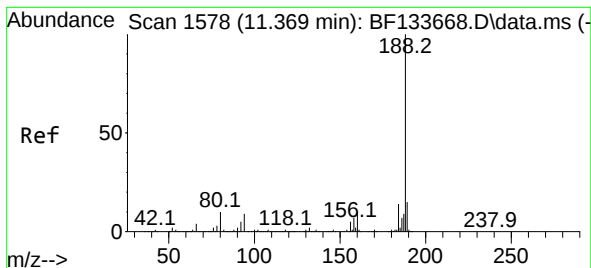
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236

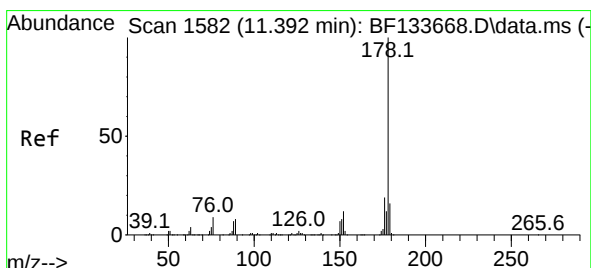
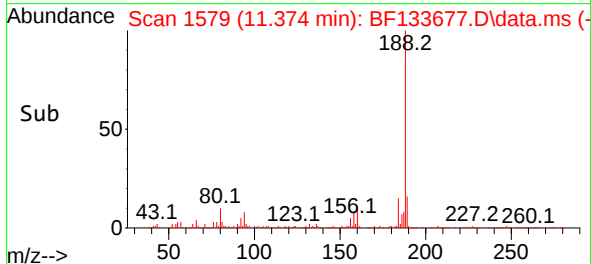
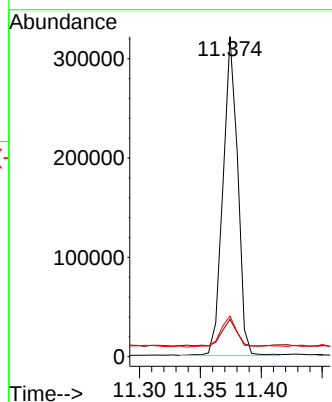
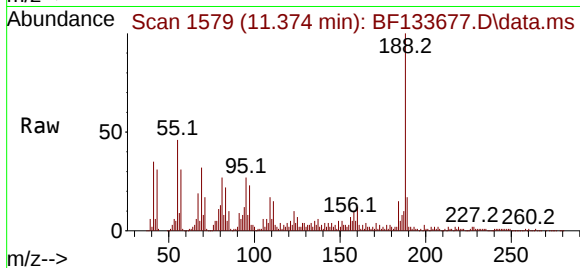
Tgt Ion:188 Resp: 270535

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

80 12.7 7.8 11.6#



#71

Phenanthrene

Concen: 2.211 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

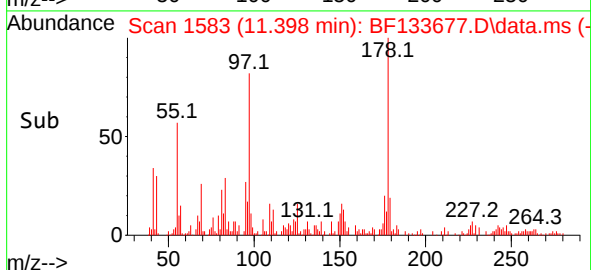
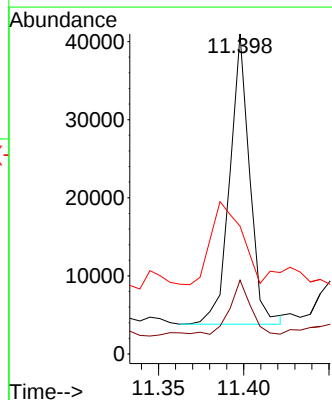
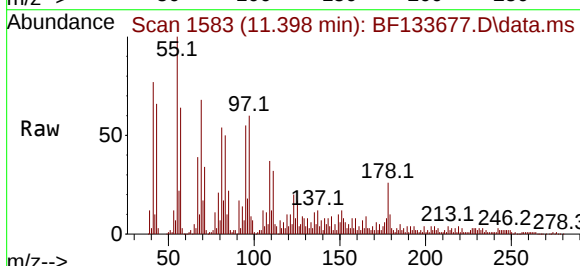
Tgt Ion:178 Resp: 30354

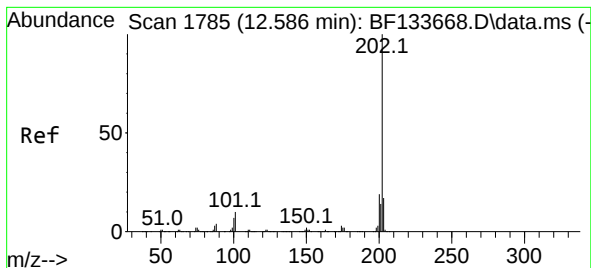
Ion Ratio Lower Upper

178 100

176 23.1 15.6 23.4

179 39.9 12.4 18.6#





#75

Fluoranthene

Concen: 3.636 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236

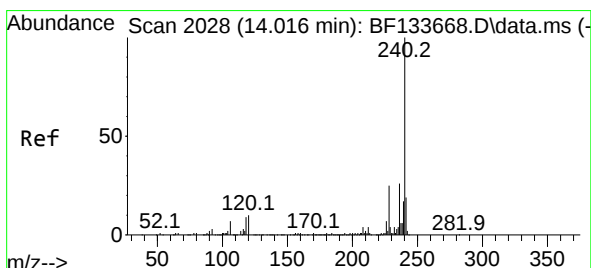
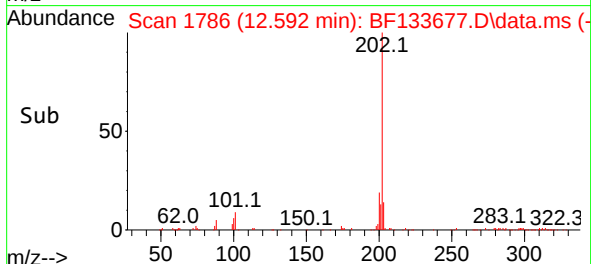
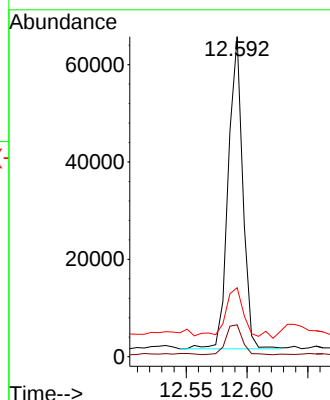
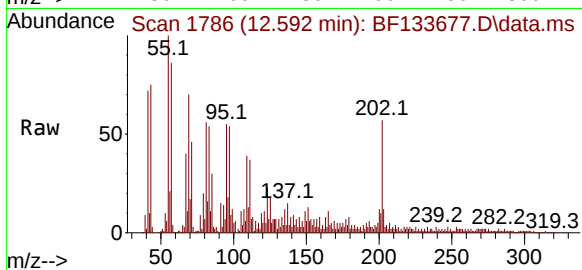
Tgt Ion:202 Resp: 52994

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.6

203 21.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

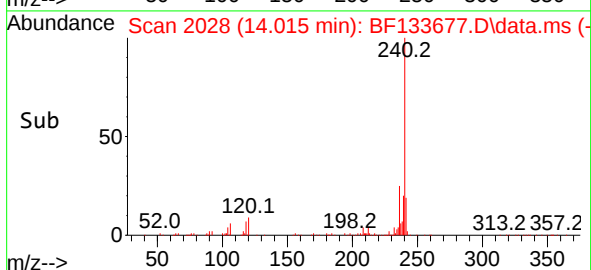
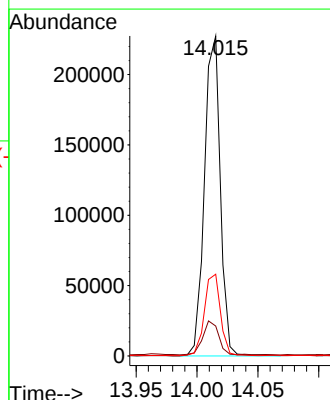
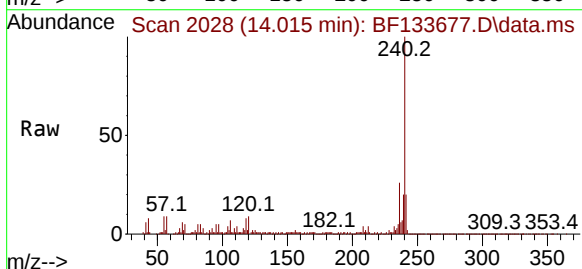
Tgt Ion:240 Resp: 206455

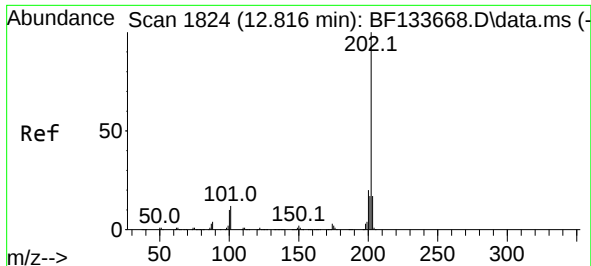
Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

236 25.5 20.5 30.7

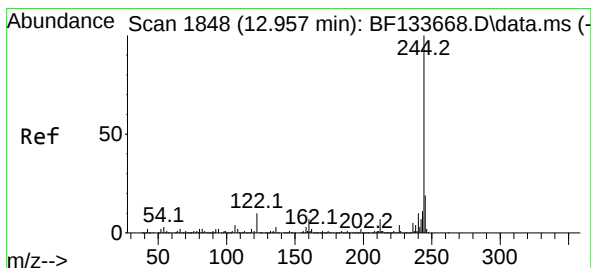
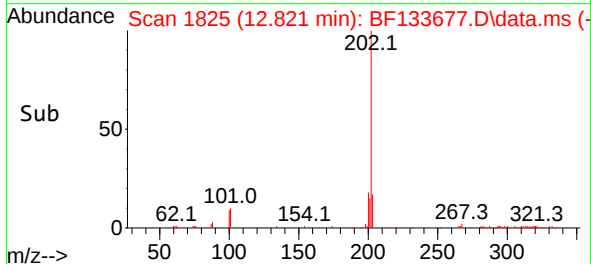
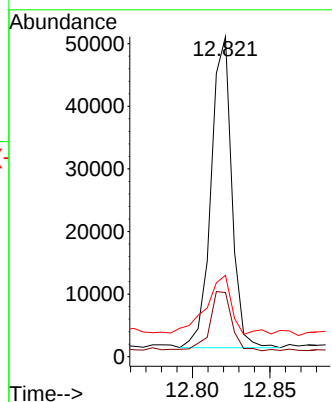
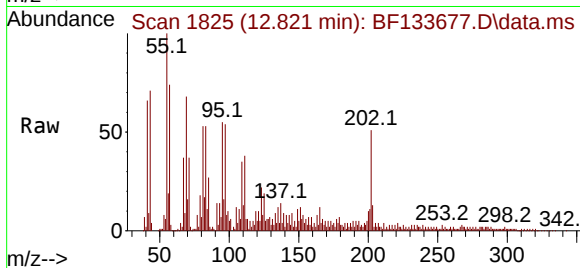




#78
Pyrene
Concen: 2.393 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

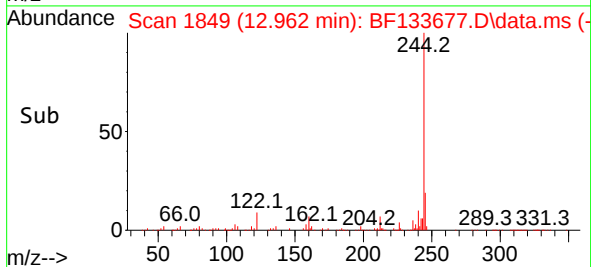
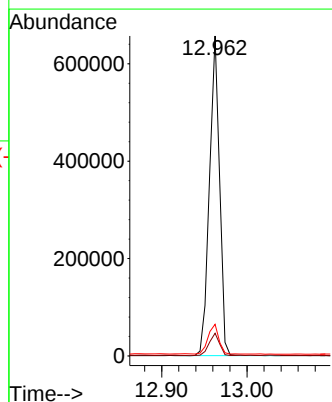
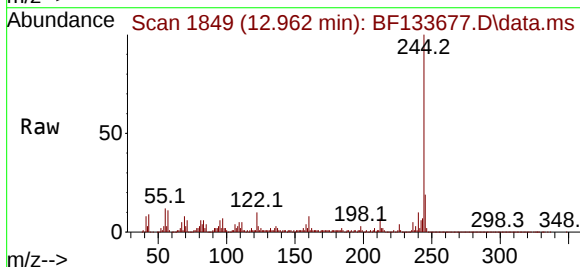
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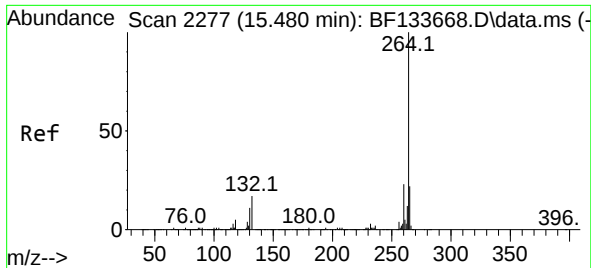
Tgt Ion:202 Resp: 46018
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 25.4 13.9 20.9#



#79
Terphenyl-d14
Concen: 40.476 ng
RT: 12.962 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

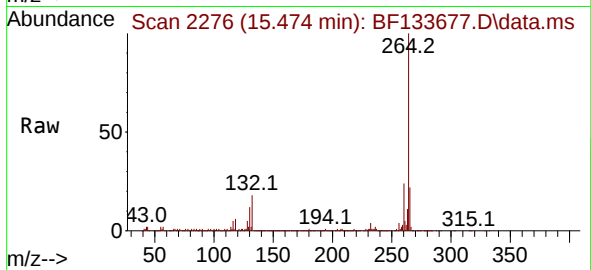
Tgt Ion:244 Resp: 540049
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.9 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133677.D
 Acq: 09 Jun 2023 15:47

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24236



Tgt Ion: 264 Resp: 222821

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	21.6	17.8	26.6

