

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)

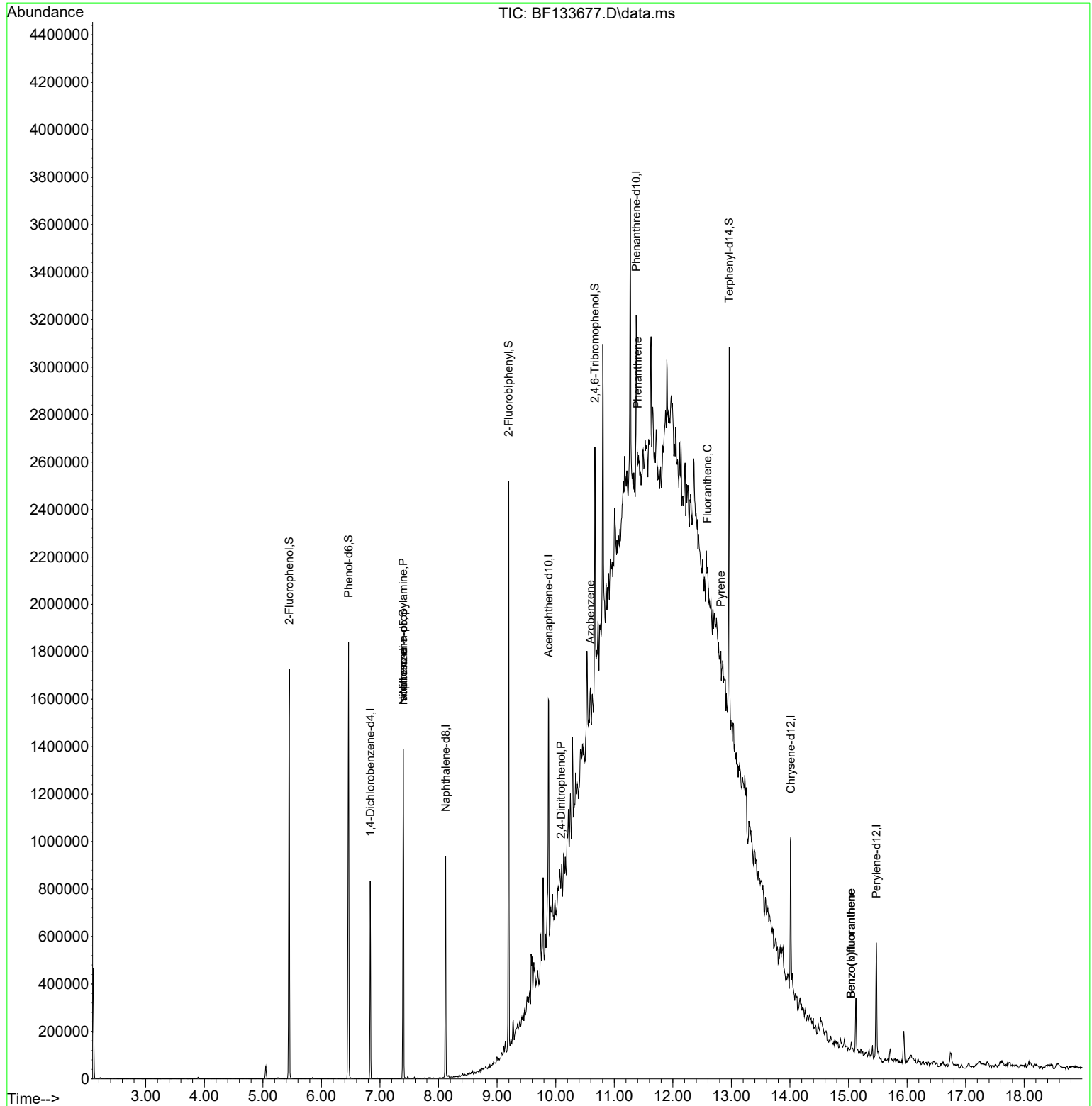
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	106839	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	403065	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	178443	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	270535	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	206455	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.398	70	55753	10.970	ng	# 75
25) Isophorone	7.398	82	396243	29.166	ng	# 65
54) 2,4-Dinitrophenol	10.092	184	145	5.817	ng	# 1
63) Azobenzene	10.592	77	33056	2.576	ng	# 13
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
88) Benzo(b)fluoranthene	15.045	252	35929	2.654	ng	# 93
89) Benzo(k)fluoranthene	15.045	252	35929	2.725	ng	# 94

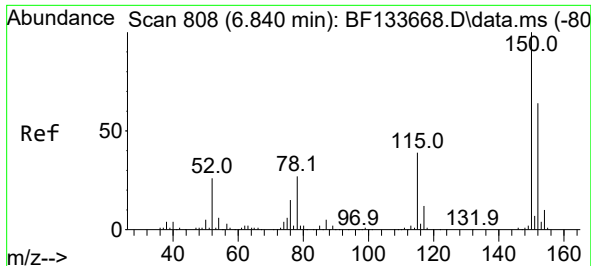
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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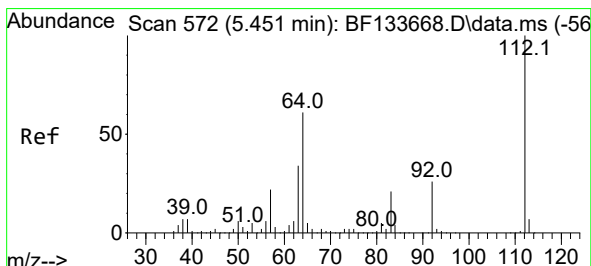
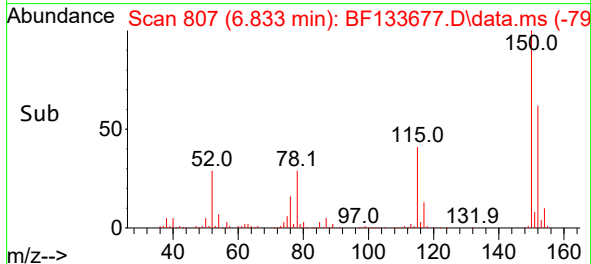
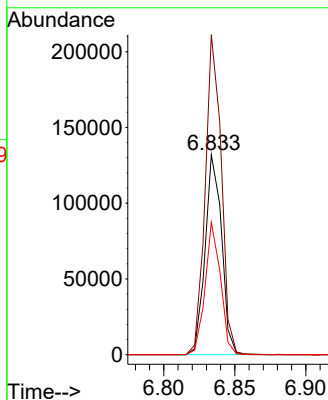
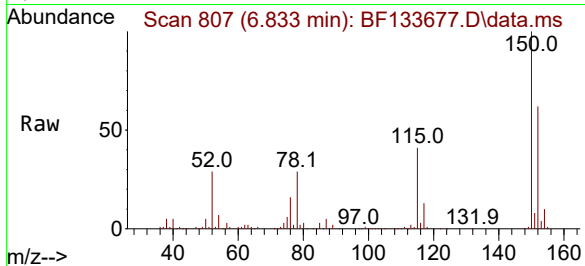




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 808
Delta R.T. -0.007 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

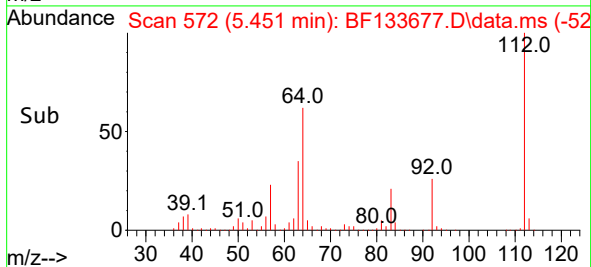
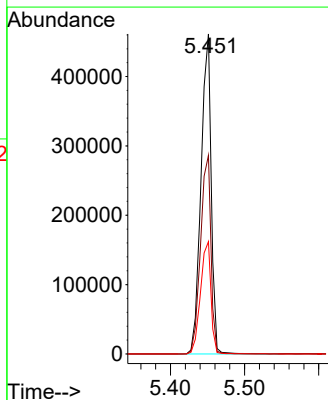
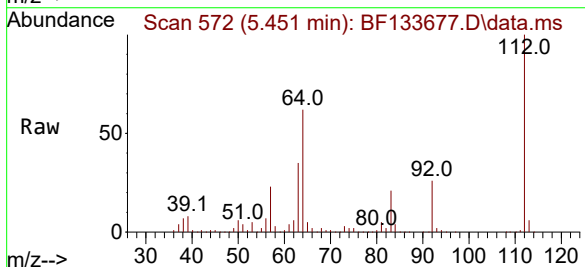
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

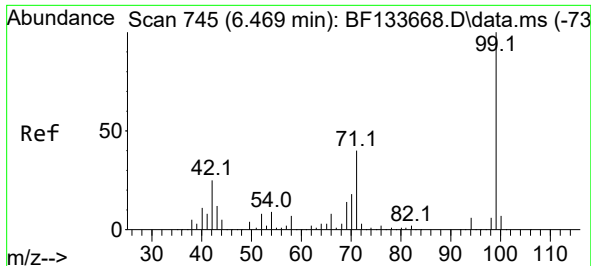
Tgt Ion:152 Resp: 106839
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 66.1 48.5 72.7



#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

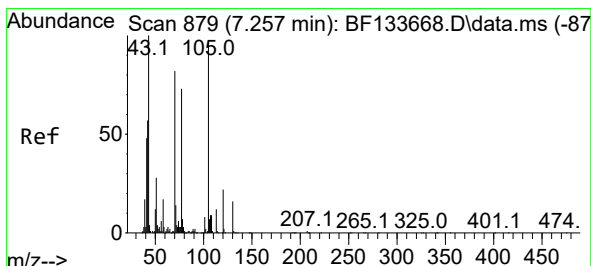
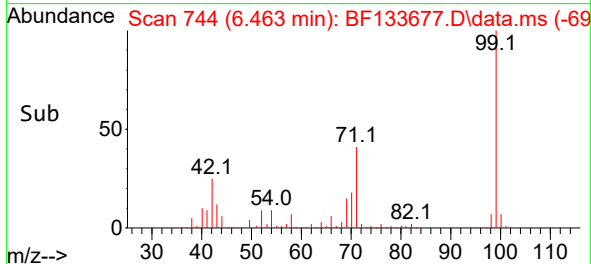
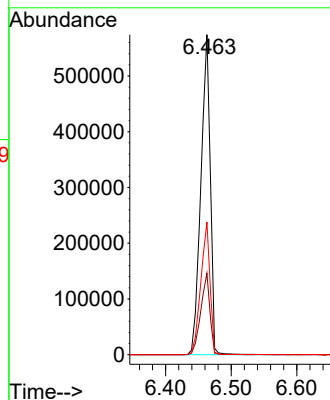
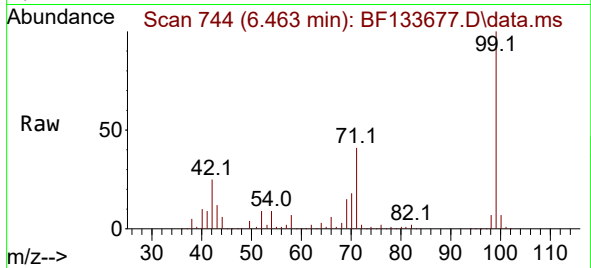




#7
Phenol-d6
Concen: 71.915 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

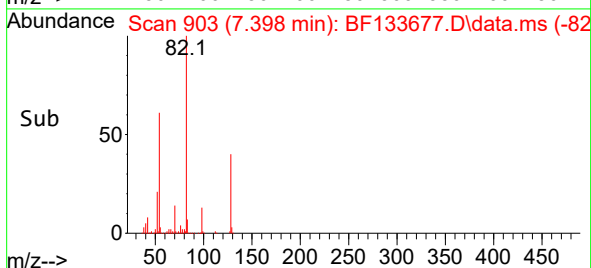
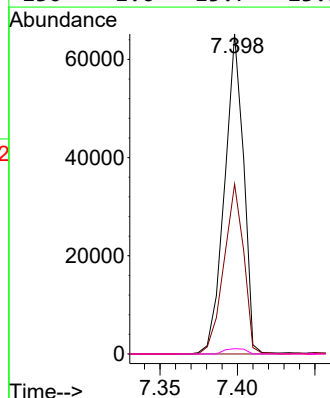
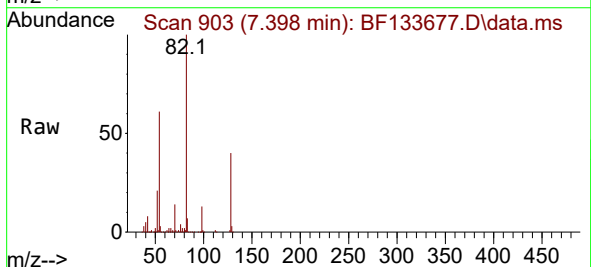
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

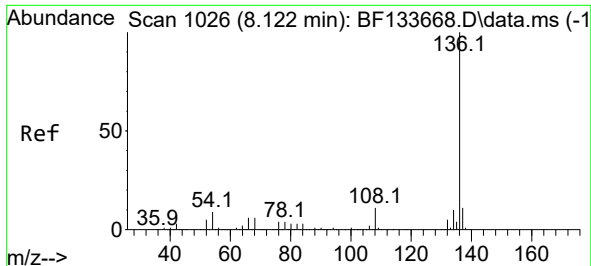
Tgt Ion: 99 Resp: 574481
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.970 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Tgt Ion: 70 Resp: 55753
Ion Ratio Lower Upper
70 100
42 53.1 55.8 83.8#
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#



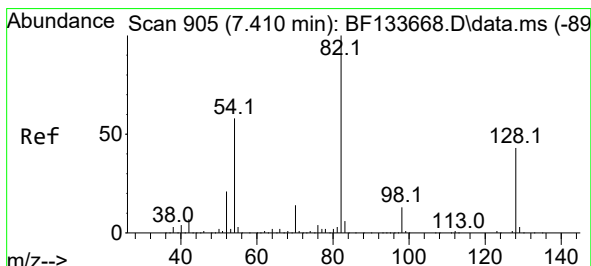
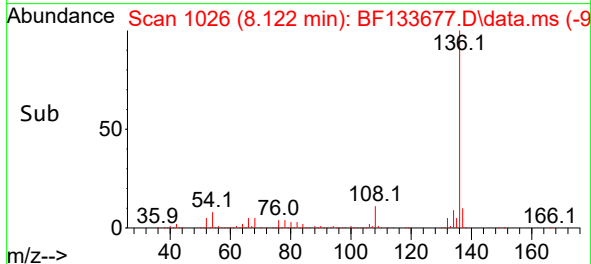
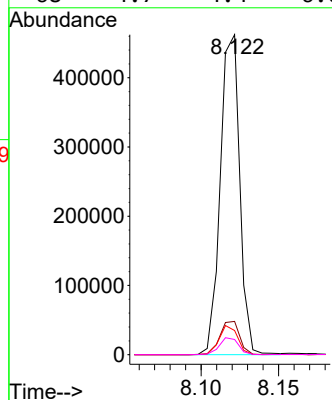
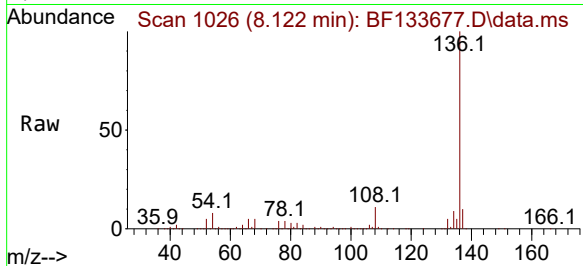


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Instrument :
BNA_F
ClientSampleId :
CHRT-24236

Tgt Ion:136 Resp: 403065

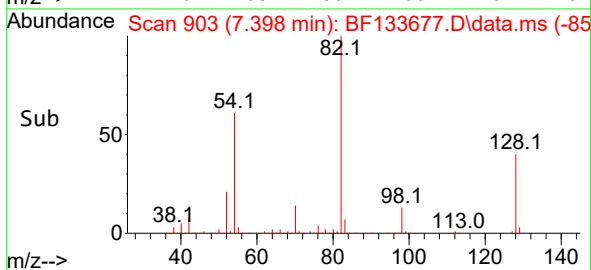
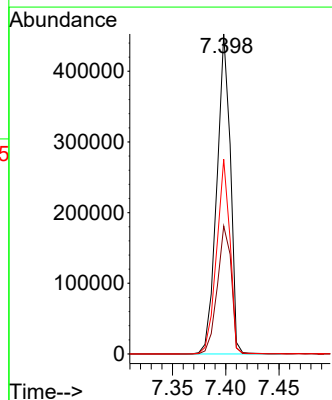
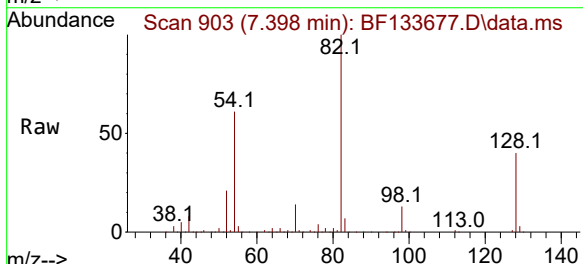
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.5	7.4	11.0
68	4.7	4.4	6.6

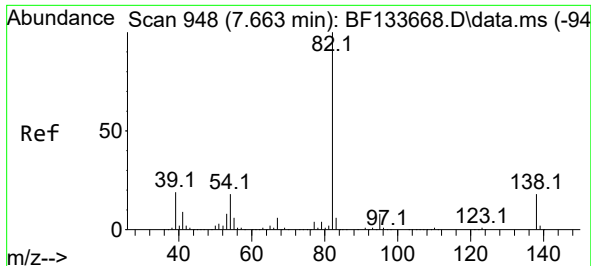


#23
Nitrobenzene-d5
Concen: 53.863 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

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

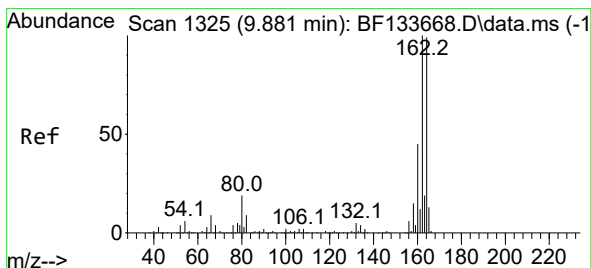
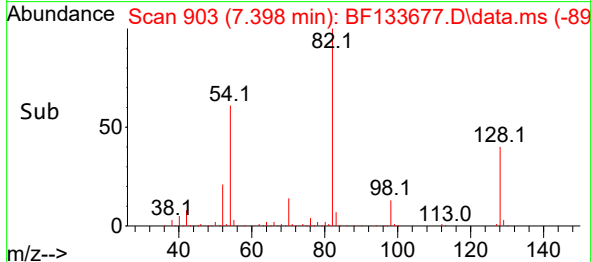
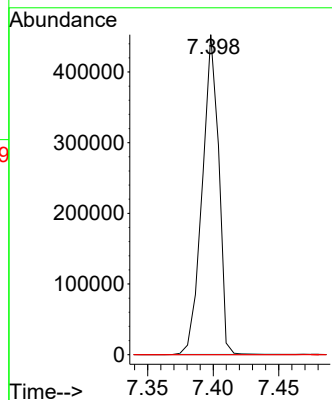
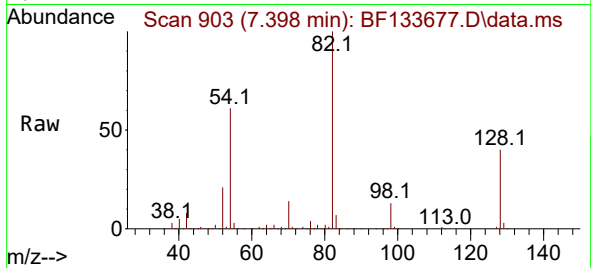




#25
Isophorone
Concen: 29.166 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

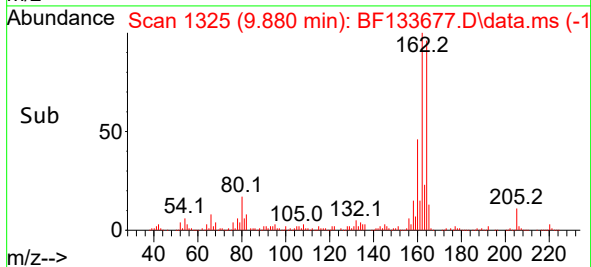
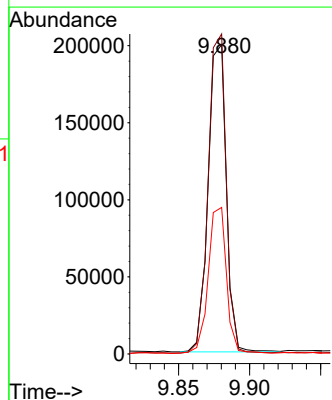
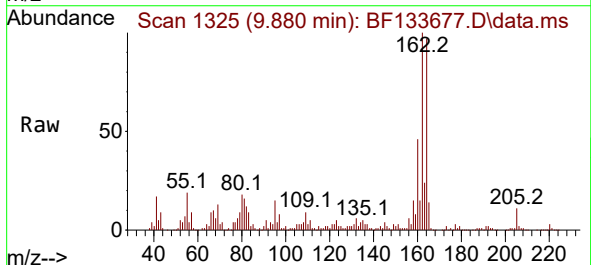
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

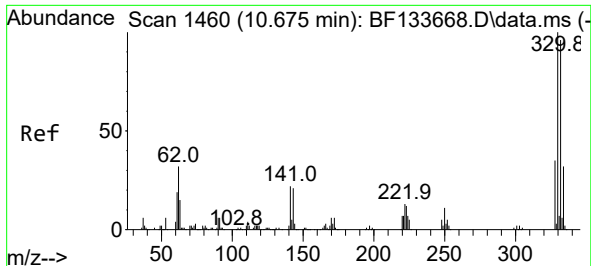
Tgt Ion: 82 Resp: 396243
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#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

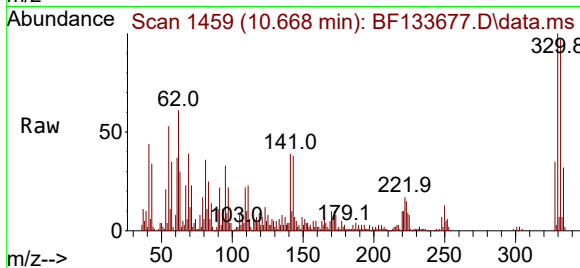
Tgt Ion: 164 Resp: 178443
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 47.4 36.7 55.1



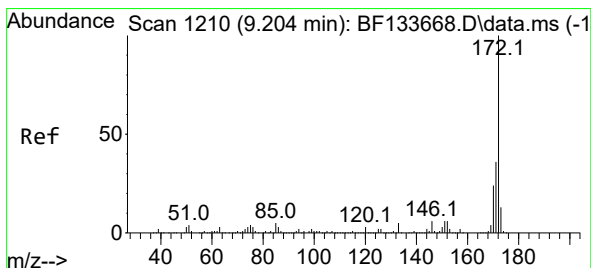
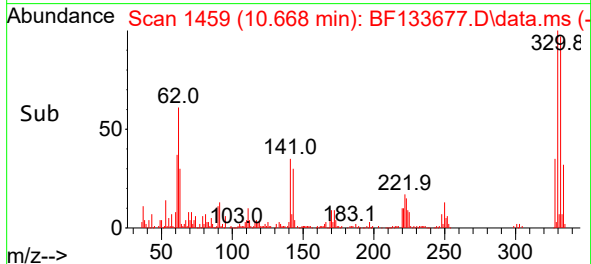
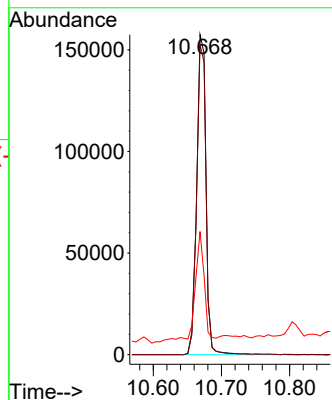


#42
2,4,6-Tribromophenol
Concen: 65.463 ng
RT: 10.668 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Instrument :
BNA_F
ClientSampleId :
CHRT-24236

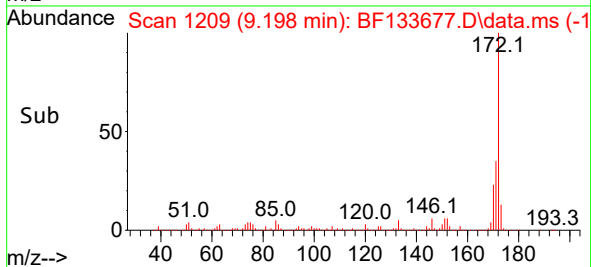
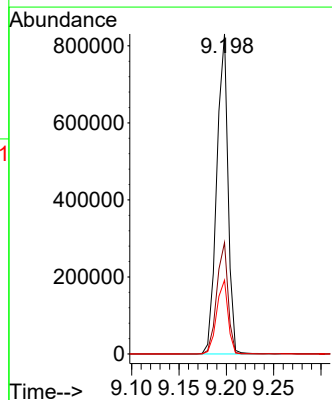
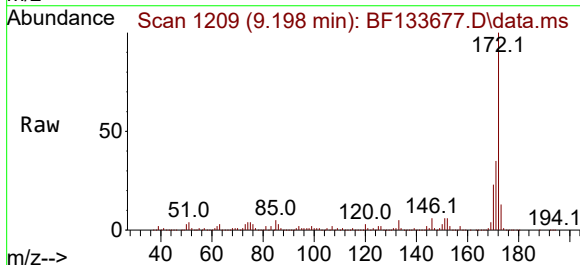


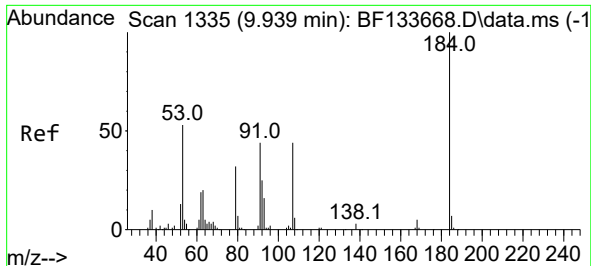
Tgt Ion: 330 Resp: 147867
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 34.8 24.9 37.3



#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

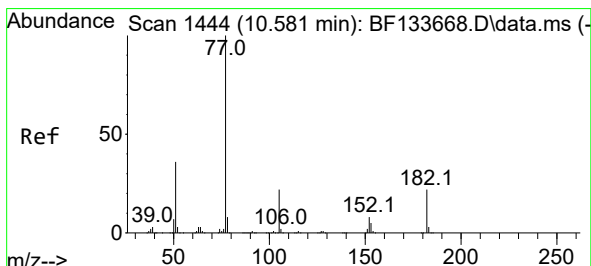
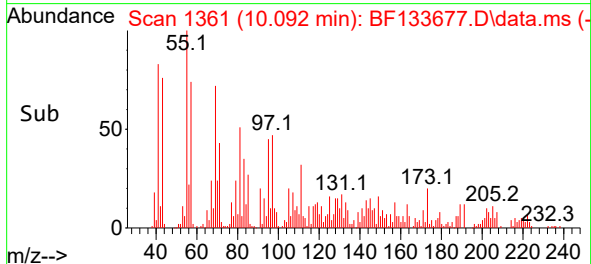
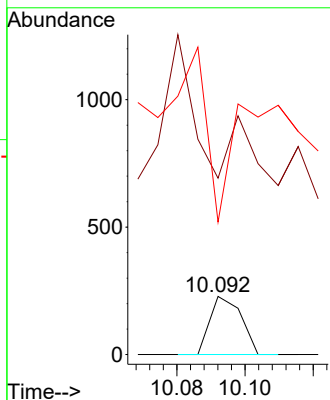
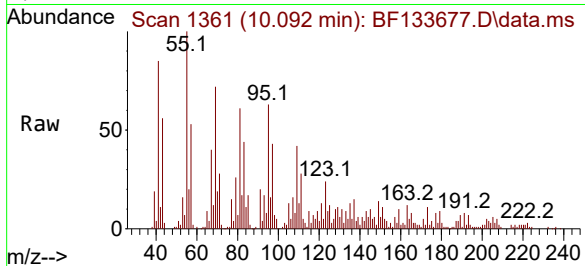




#54
2,4-Dinitrophenol
Concen: 5.817 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.153 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

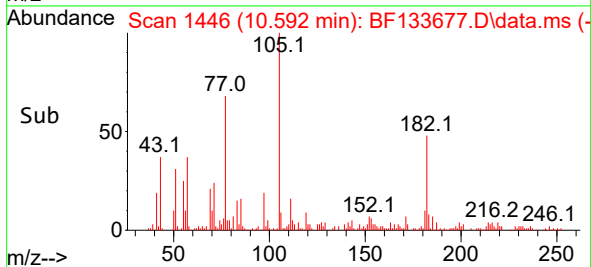
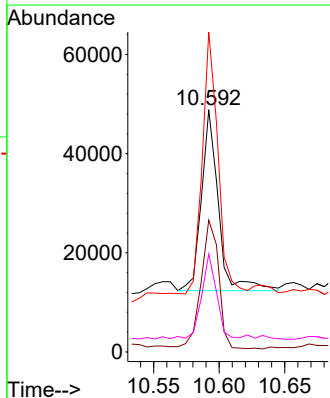
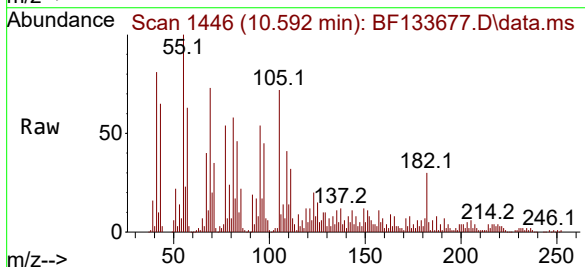
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CHRT-24236

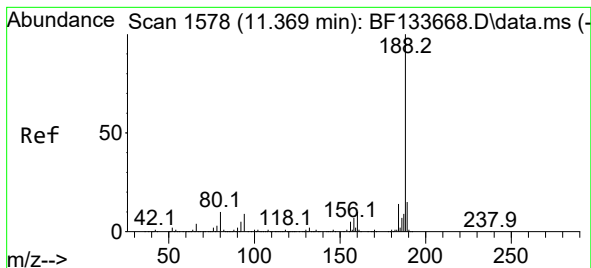
Tgt Ion:184 Resp: 145
Ion Ratio Lower Upper
184 100
63 303.5 55.3 82.9#
154 228.1 51.9 77.9#



#63
Azobenzene
Concen: 2.576 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Tgt Ion: 77 Resp: 33056
Ion Ratio Lower Upper
77 100
182 54.4 1.6 41.6#
105 132.1 1.6 41.6#
51 40.5 15.5 55.5





#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

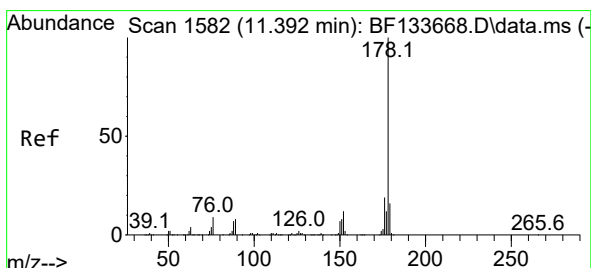
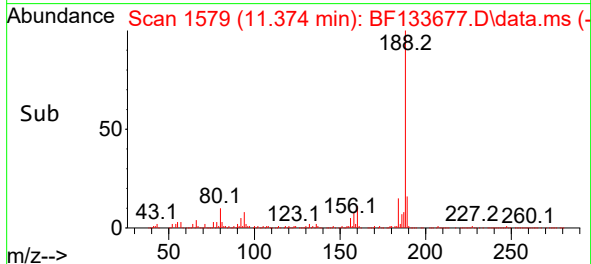
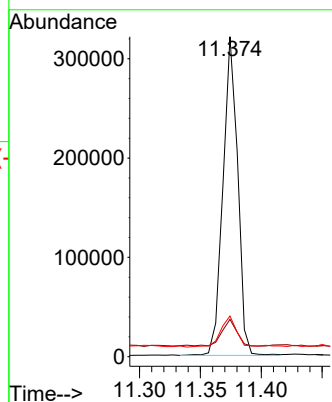
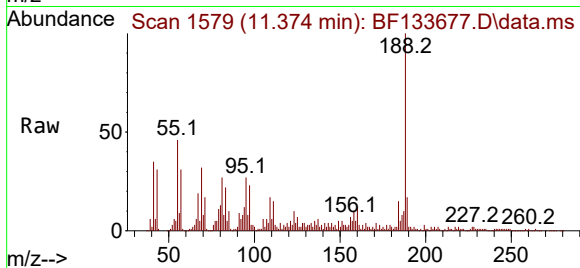
Tgt Ion:188 Resp: 270535

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

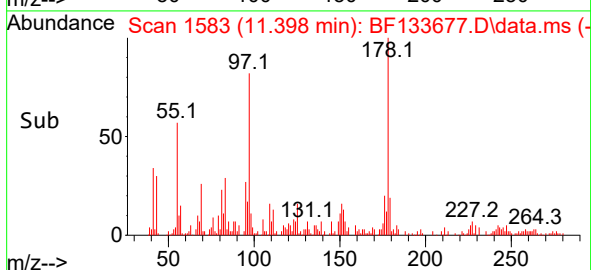
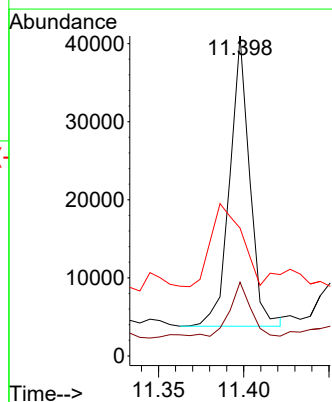
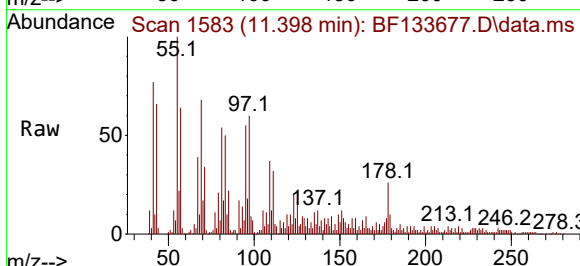
Tgt Ion:178 Resp: 30354

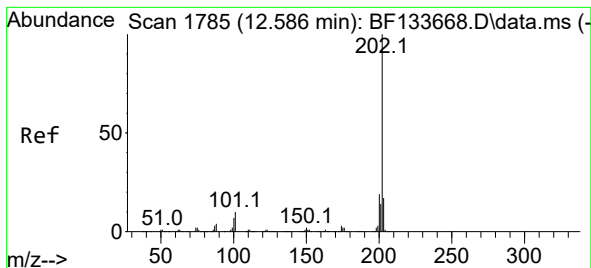
Ion Ratio Lower Upper

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# 1786

Delta R.T. 0.006 min

Lab File: BF133677.D

Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236

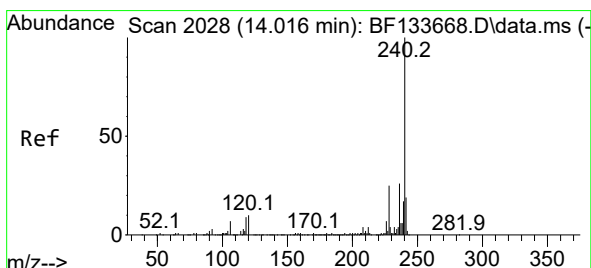
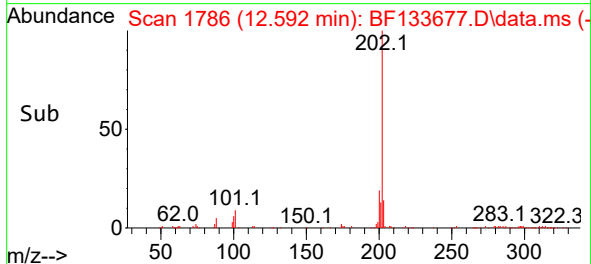
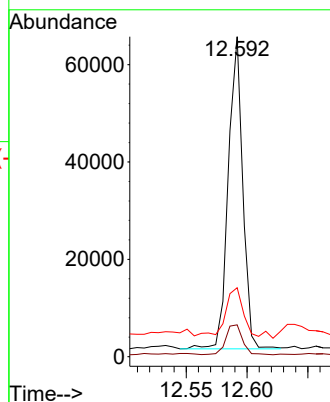
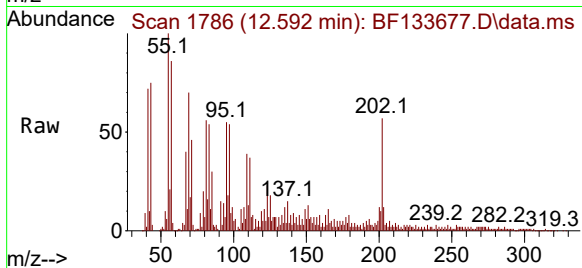
Tgt Ion:202 Resp: 52994

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

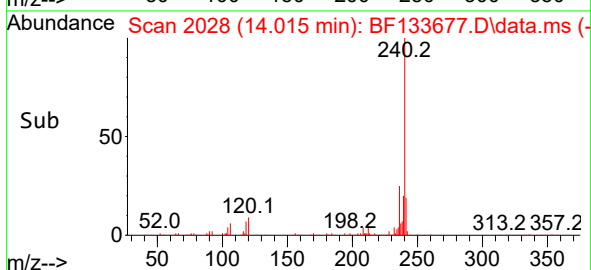
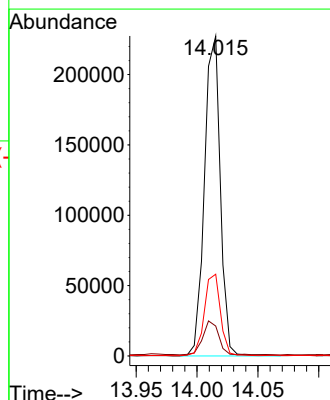
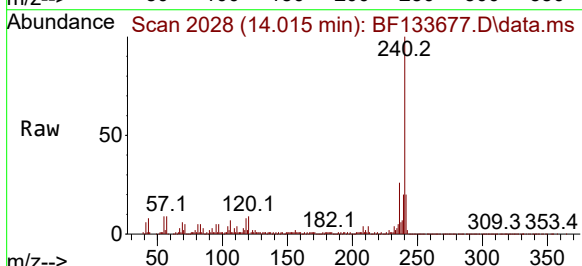
Tgt Ion:240 Resp: 206455

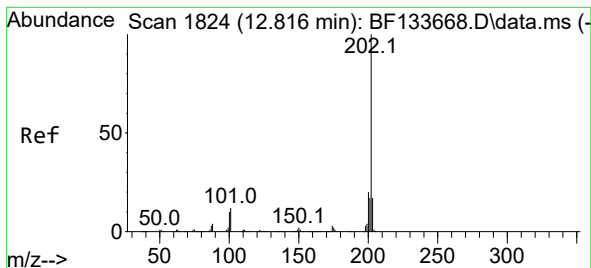
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

CHRT-24236

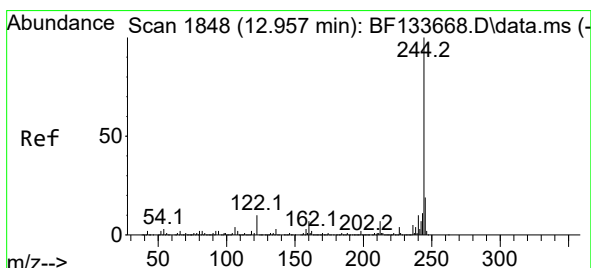
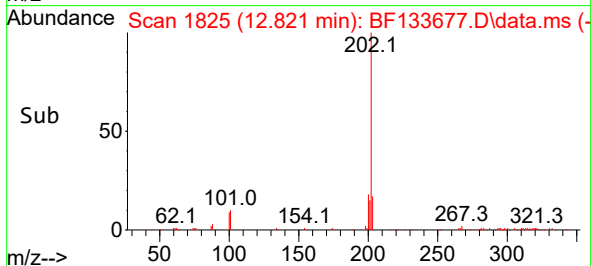
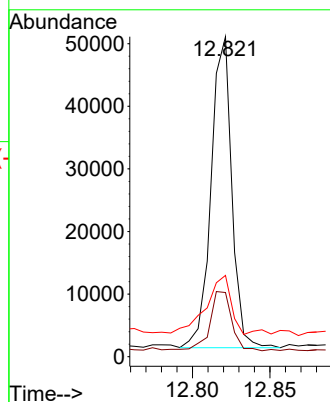
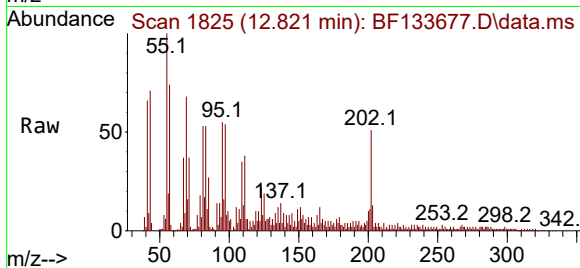
Tgt Ion:202 Resp: 46018

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

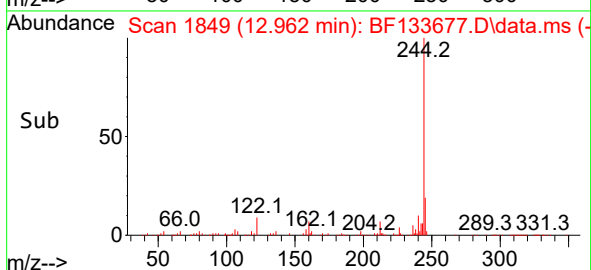
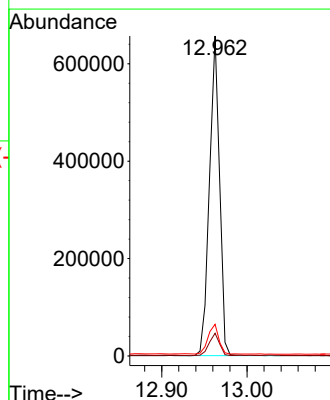
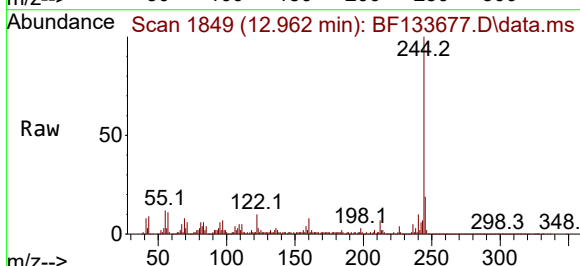
Tgt Ion:244 Resp: 540049

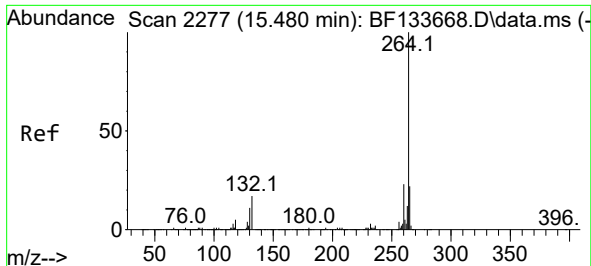
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.9 8.1 12.1

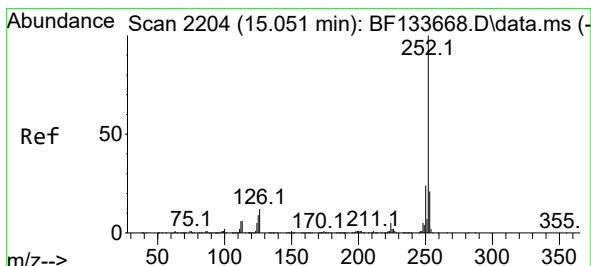
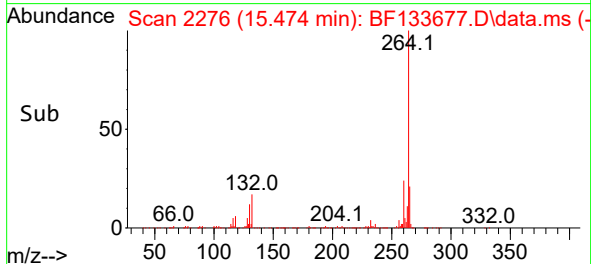
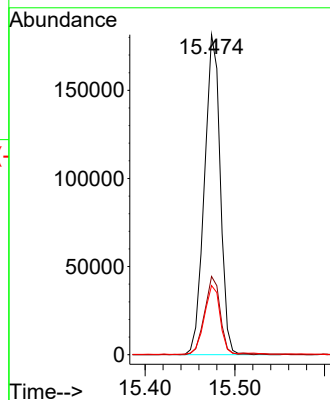
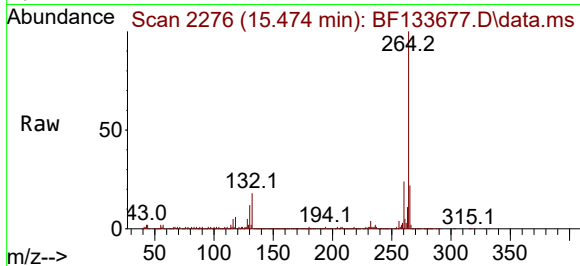




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

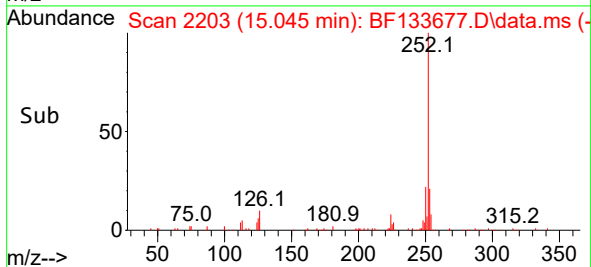
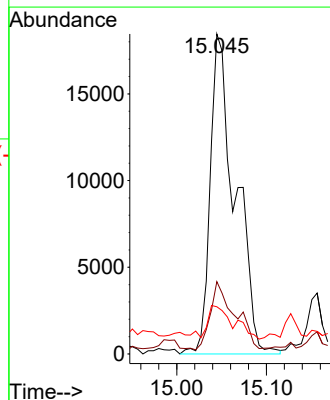
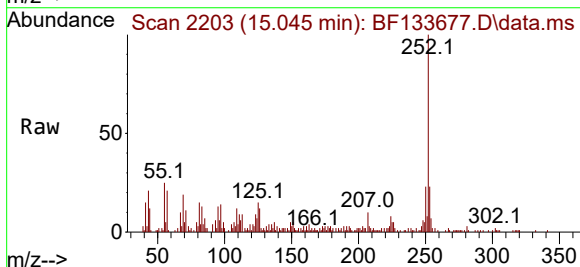
Instrument :
BNA_F
ClientSampleId :
CHRT-24236

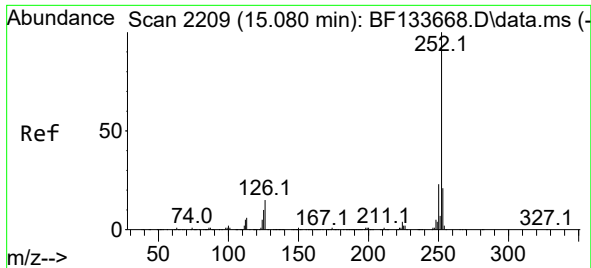
Tgt Ion:264 Resp: 222821
Ion Ratio Lower Upper
264 100
260 24.4 18.2 27.2
265 21.6 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 2.654 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF133677.D
Acq: 09 Jun 2023 15:47

Tgt Ion:252 Resp: 35929
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 14.7 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 2.725 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.036 min

Lab File: BF133677.D

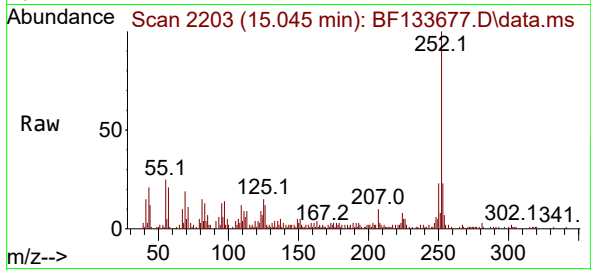
Acq: 09 Jun 2023 15:47

Instrument :

BNA_F

ClientSampleId :

CHRT-24236



Tgt Ion:252 Resp: 35929

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 14.7 7.8 11.6#

