

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133244.D
 Acq On : 04 May 2023 22:08
 Operator : CG\JU
 Sample : 02588-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-B-3-6-05012023

Quant Time: May 05 05:33:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

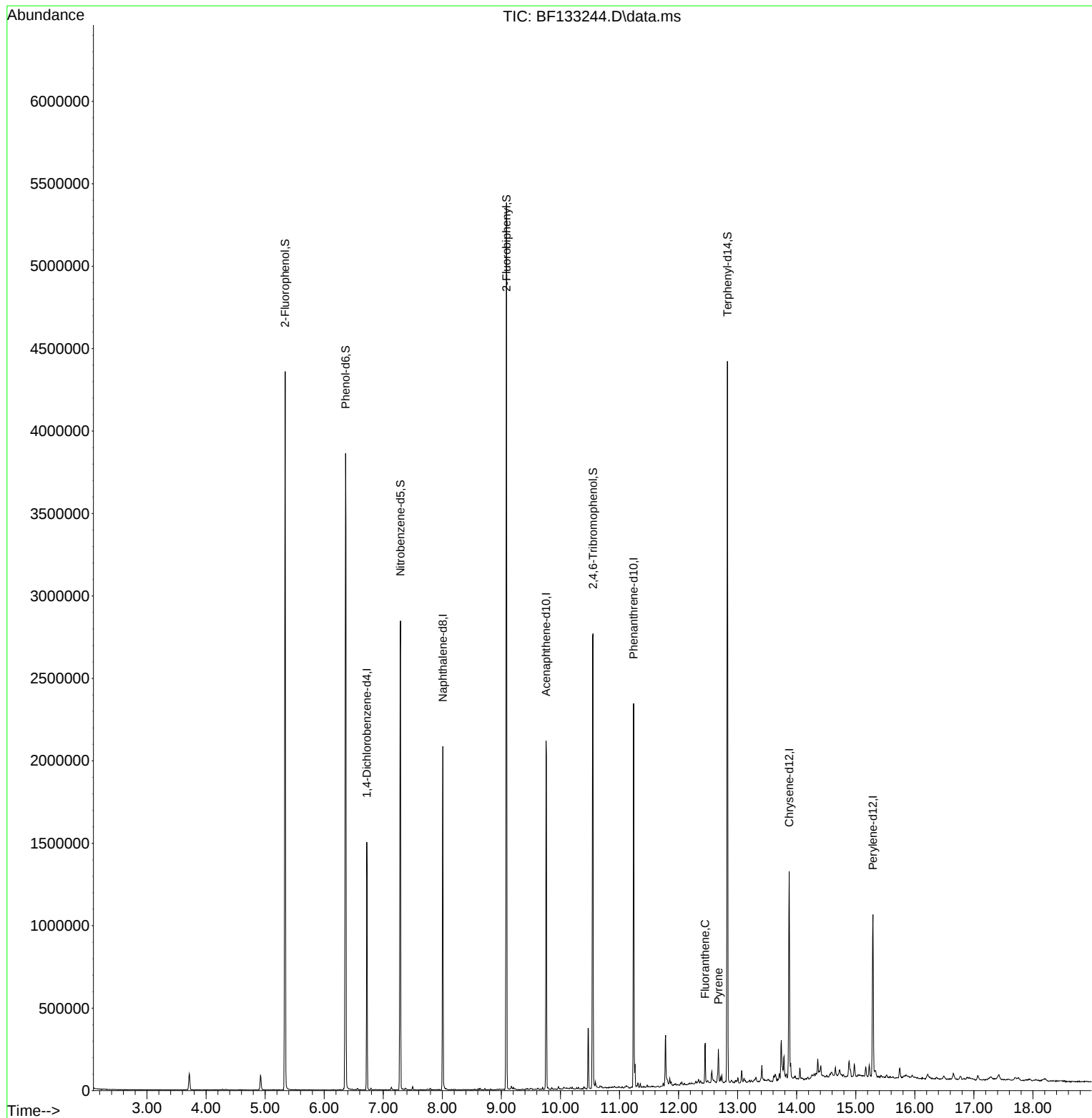
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	205678	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	831926	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	436510	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	755203	20.000	ng	0.00
76) Chrysene-d12	13.874	240	380225	20.000	ng	-0.01
86) Perylene-d12	15.292	264	419651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1237128	90.861	ng	0.00
7) Phenol-d6	6.363	99	1494382	88.426	ng	-0.01
23) Nitrobenzene-d5	7.292	82	919631	59.667	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	363450	82.792	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1546275	59.264	ng	0.00
79) Terphenyl-d14	12.827	244	1463380	66.378	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.451	202	92675	2.275	ng	94
78) Pyrene	12.674	202	77023	2.363	ng	98

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

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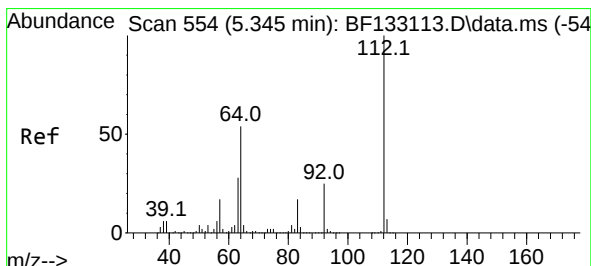
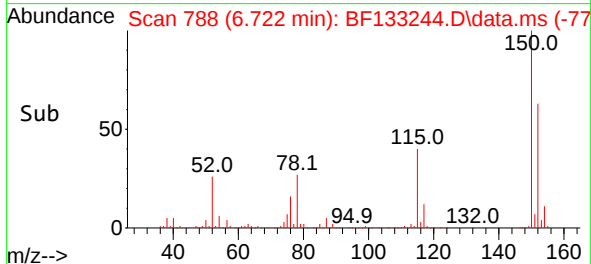
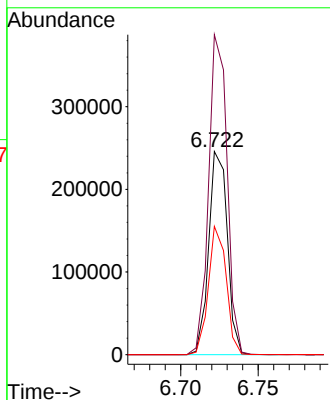
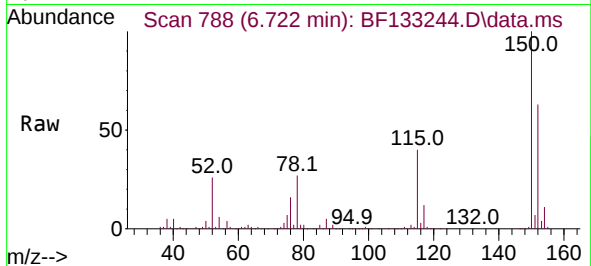




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

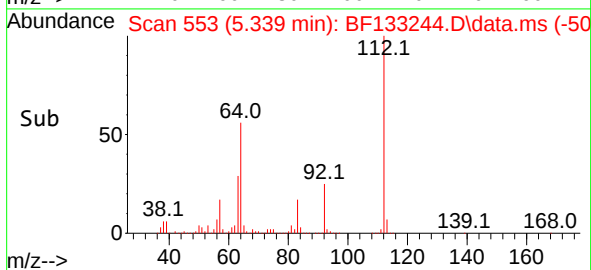
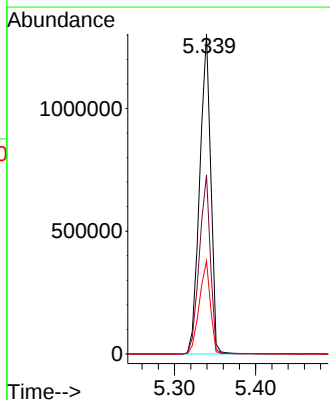
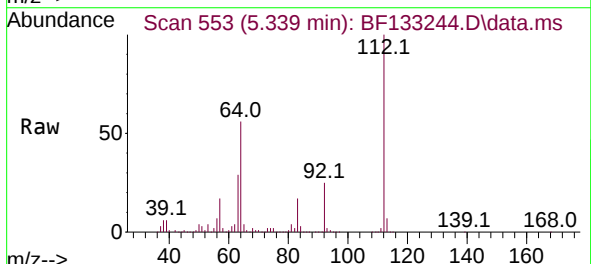
Instrument :
BNA_F
ClientSampleId :
ZONE-B-3-6-05012023

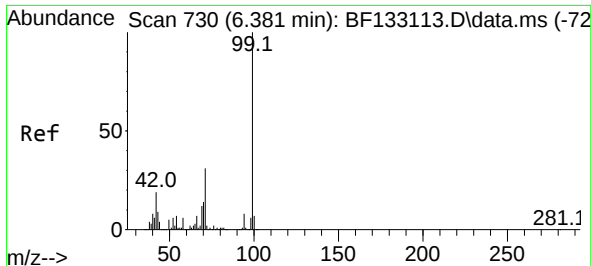
Tgt Ion:152 Resp: 205678
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 90.861 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

Tgt Ion:112 Resp: 1237128
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 29.0 23.8 35.8





#7

Phenol-d6

Concen: 88.426 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133244.D

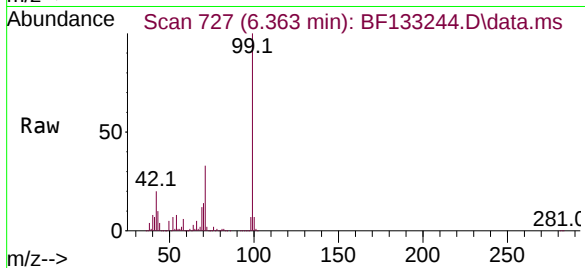
Acq: 04 May 2023 22:08

Instrument :

BNA_F

ClientSampleId :

ZONE-B-3-6-05012023



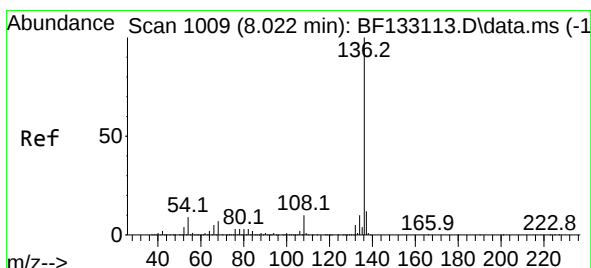
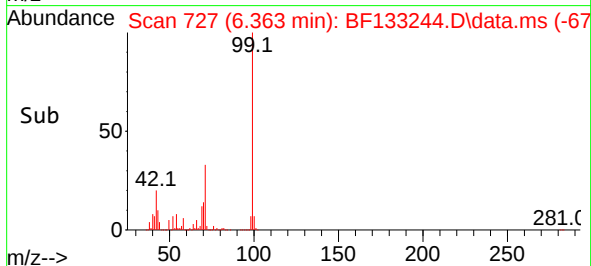
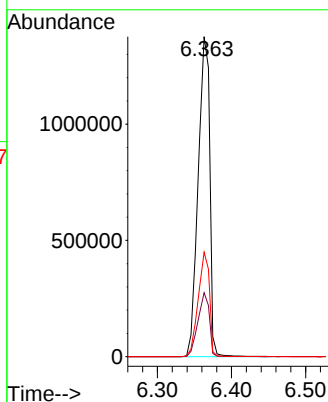
Tgt Ion: 99 Resp: 1494382

Ion Ratio Lower Upper

99 100

42 20.0 16.3 24.5

71 32.7 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF133244.D

Acq: 04 May 2023 22:08

Tgt Ion: 136 Resp: 831926

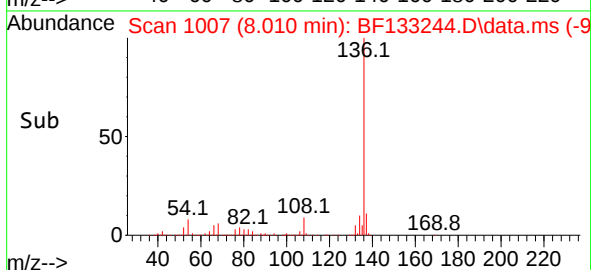
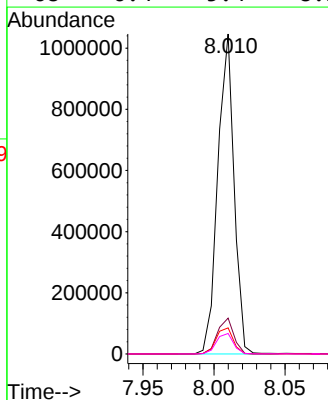
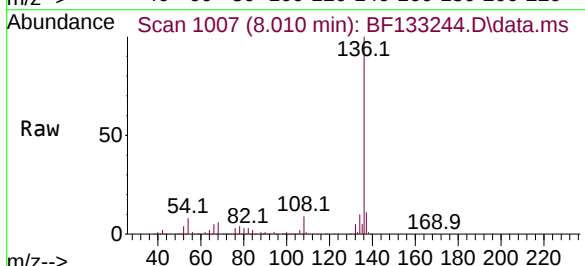
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.1 7.0 10.4

68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 59.667 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133244.D

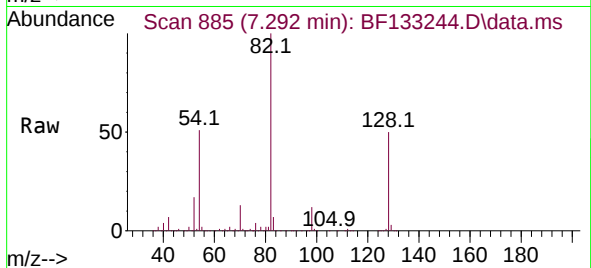
Acq: 04 May 2023 22:08

Instrument :

BNA_F

ClientSampleId :

ZONE-B-3-6-05012023



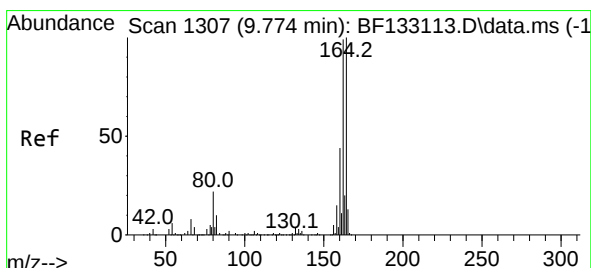
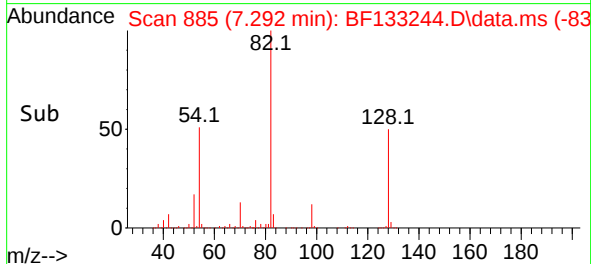
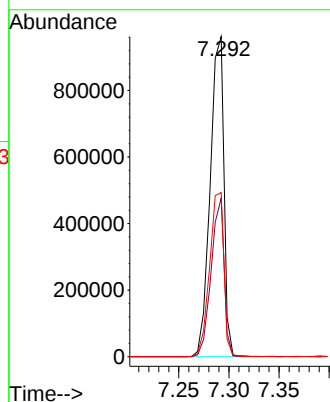
Tgt Ion: 82 Resp: 919631

Ion Ratio Lower Upper

82 100

128 49.5 37.7 56.5

54 51.3 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.012 min

Lab File: BF133244.D

Acq: 04 May 2023 22:08

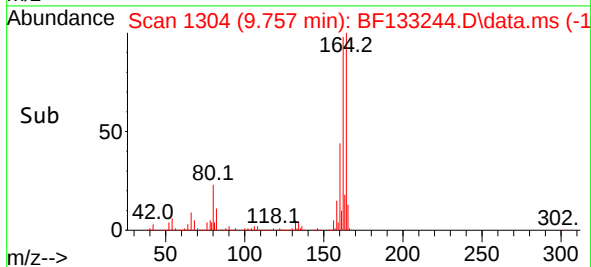
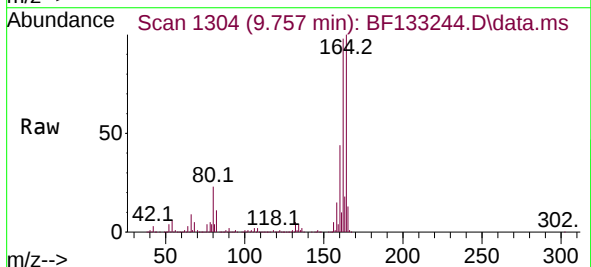
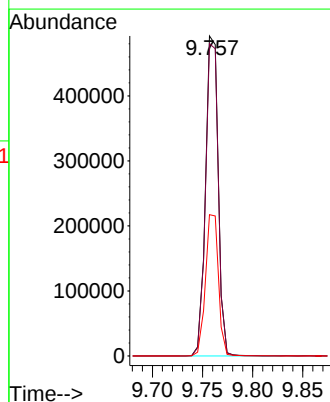
Tgt Ion: 164 Resp: 436510

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 44.2 35.8 53.6

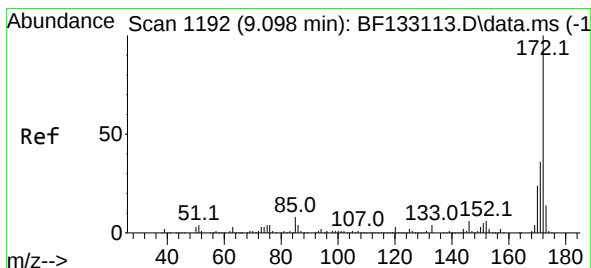
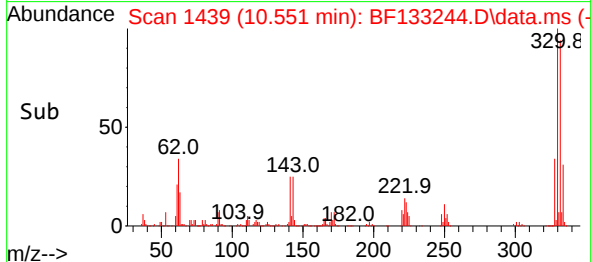
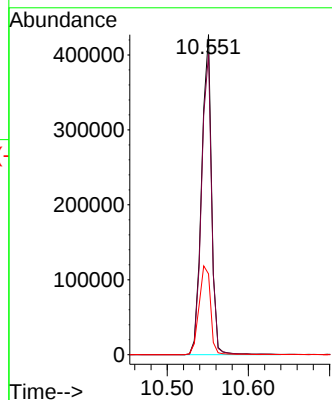
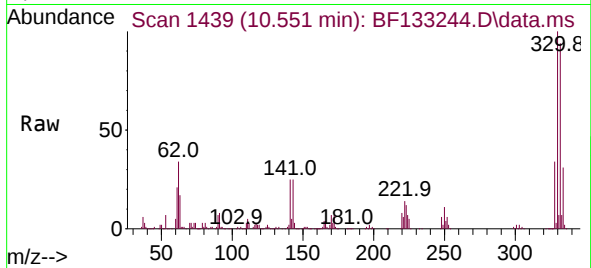




#42
2,4,6-Tribromophenol
Concen: 82.792 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

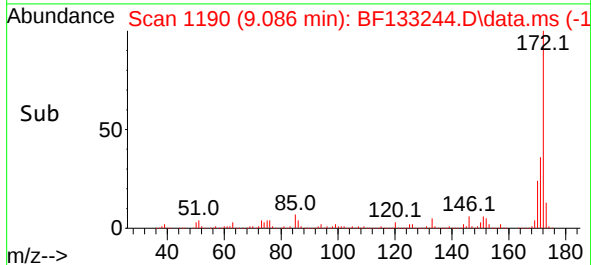
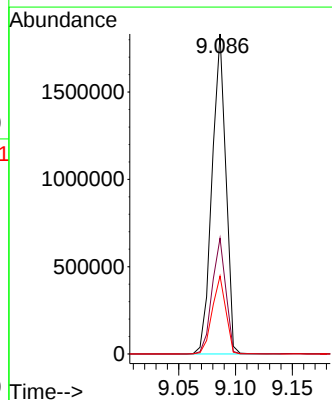
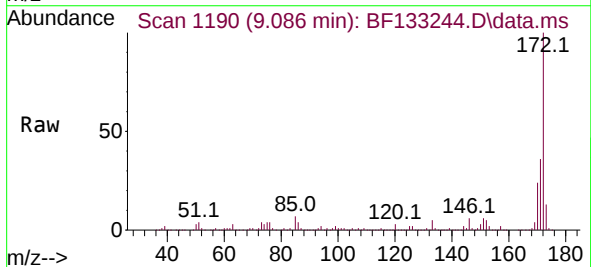
Instrument :
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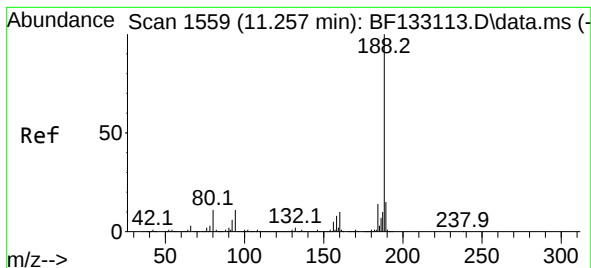
Tgt Ion: 330 Resp: 363450
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 32.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.264 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

Tgt Ion: 172 Resp: 1546275
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133244.D

Acq: 04 May 2023 22:08

Instrument :

BNA_F

ClientSampleId :

ZONE-B-3-6-05012023

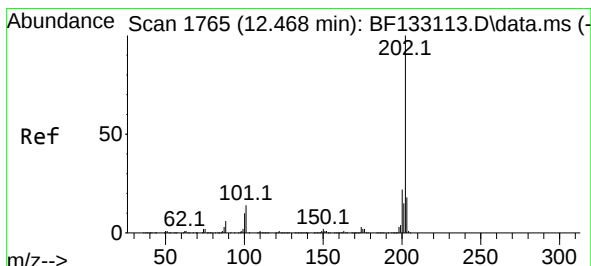
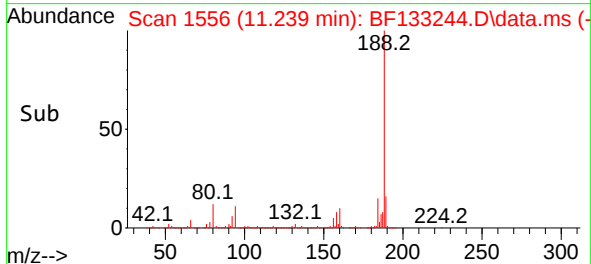
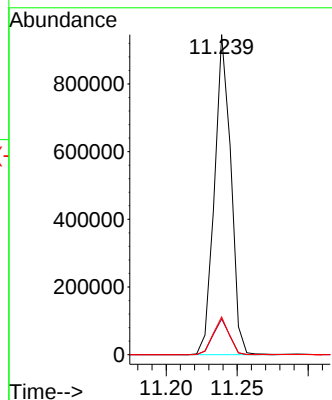
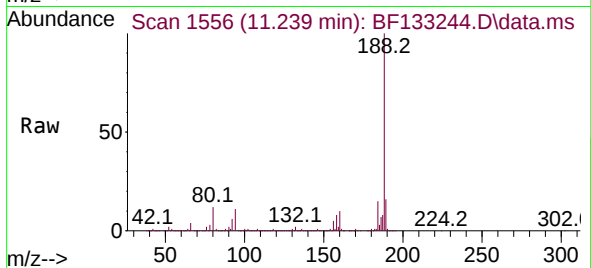
Tgt Ion:188 Resp: 755203

Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.8 10.4 15.6



#75

Fluoranthene

Concen: 2.275 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BF133244.D

Acq: 04 May 2023 22:08

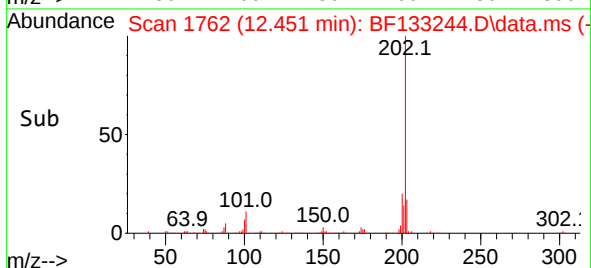
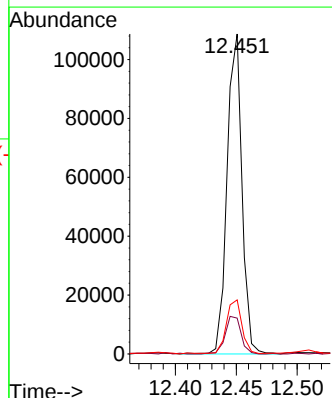
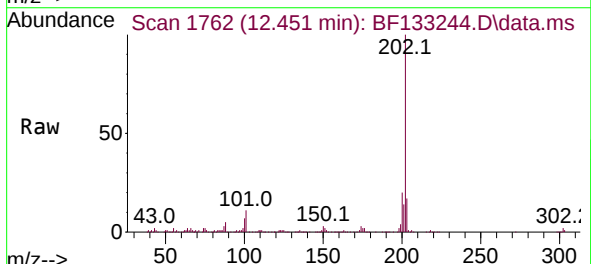
Tgt Ion:202 Resp: 92675

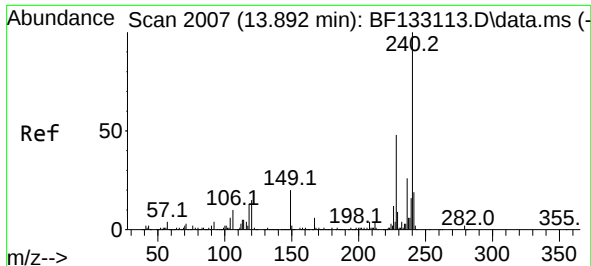
Ion Ratio Lower Upper

202 100

101 11.2 0.0 35.3

203 16.9 0.0 38.1

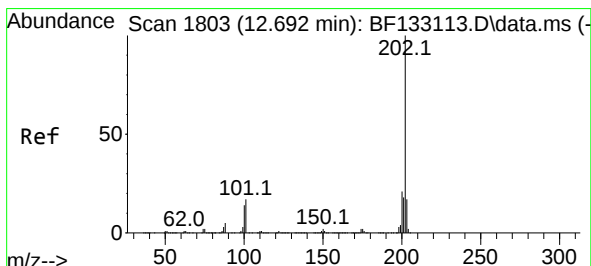
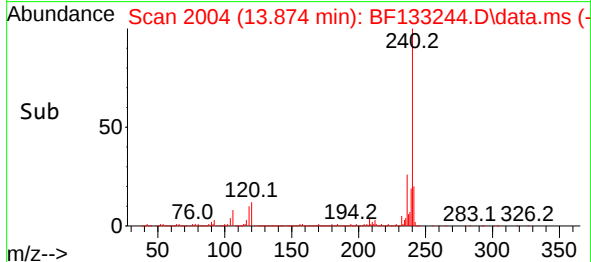
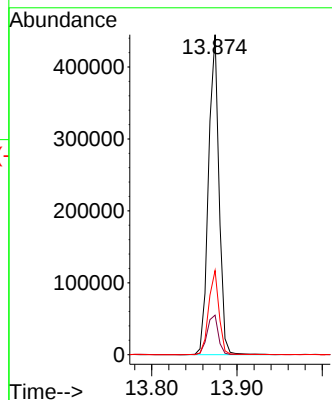
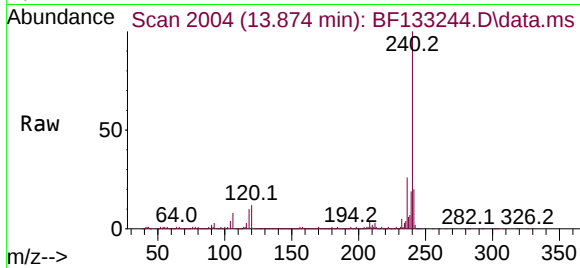




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

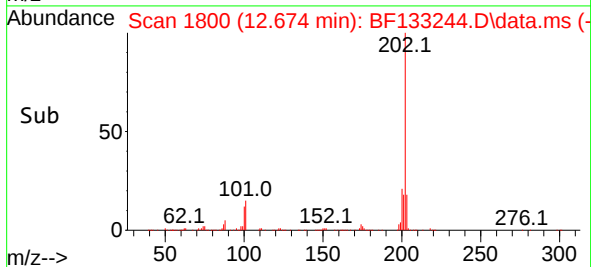
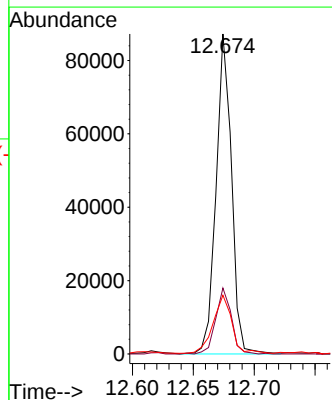
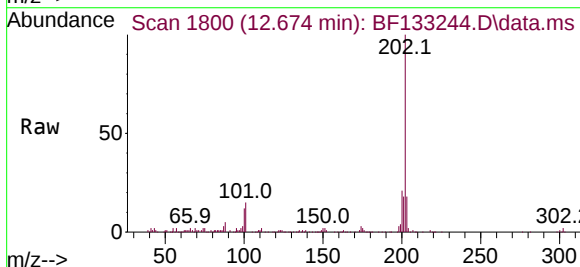
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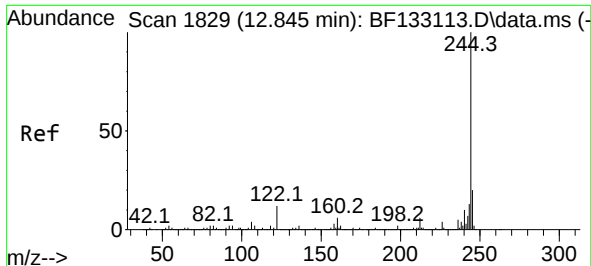
Tgt Ion:240 Resp: 380225
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 26.3 21.5 32.3



#78
Pyrene
Concen: 2.363 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.012 min
Lab File: BF133244.D
Acq: 04 May 2023 22:08

Tgt Ion:202 Resp: 77023
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 18.4 14.1 21.1

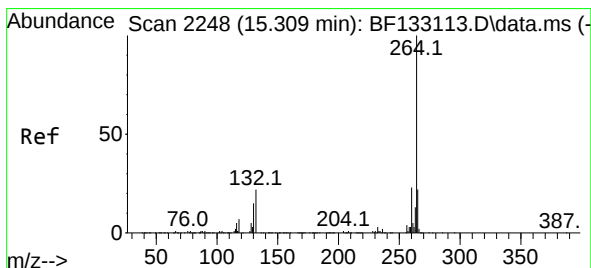
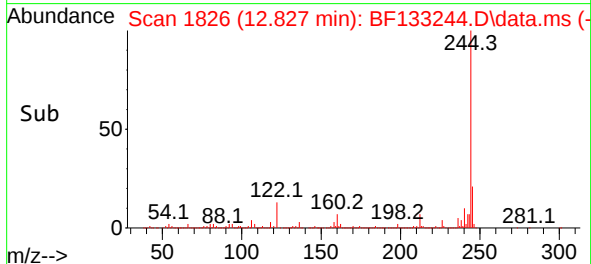
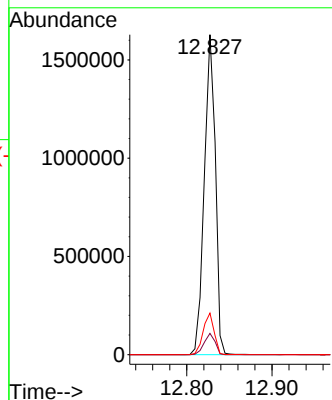
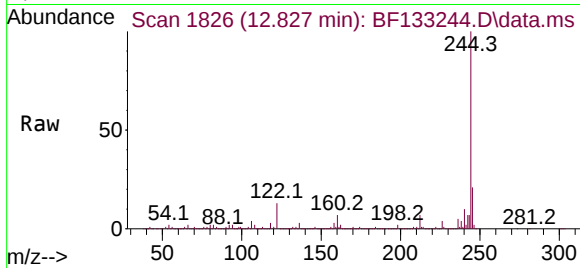




#79
 Terphenyl-d14
 Concen: 66.378 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133244.D
 Acq: 04 May 2023 22:08

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 ZONE-B-3-6-05012023

Tgt Ion:244 Resp: 1463380
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.0 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133244.D
 Acq: 04 May 2023 22:08

Tgt Ion:264 Resp: 419651
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.3 17.0 25.4

