

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133550.D
 Acq On : 31 May 2023 21:02
 Operator : CG\JU
 Sample : 02977-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUNDATION-TEST-PIT

Quant Time: Jun 01 02:04:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	131949	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	505420	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	248816	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	490078	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	359738	20.000	ng	-0.01
86) Perylene-d12	15.451	264	296320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	826928	104.563	ng	0.00
7) Phenol-d6	6.457	99	998048	102.518	ng	0.00
23) Nitrobenzene-d5	7.392	82	625685	82.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	284294	114.624	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1074254	66.637	ng	0.00
79) Terphenyl-d14	12.945	244	1271587	62.847	ng	0.00

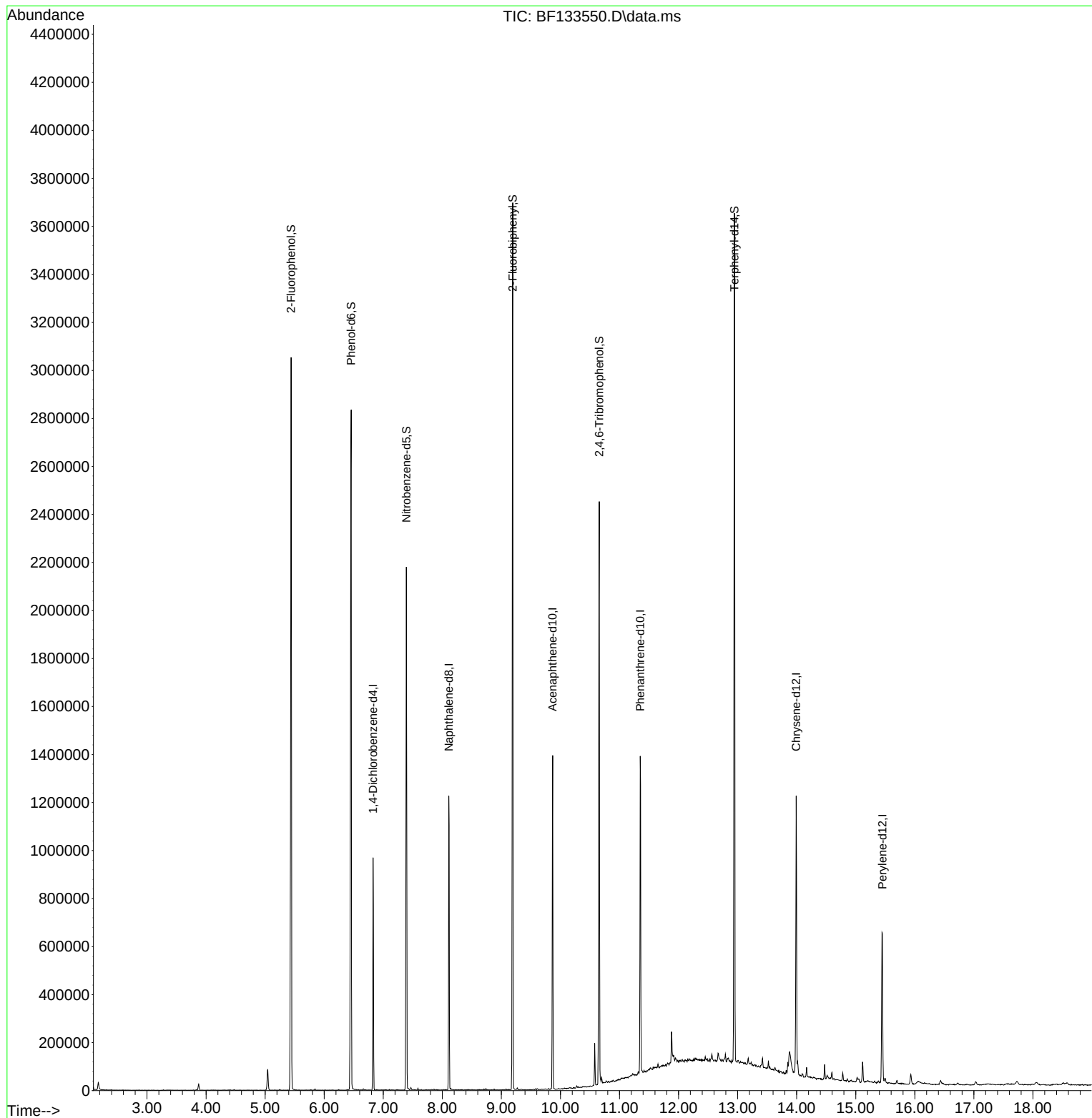
Target Compounds	Qvalue

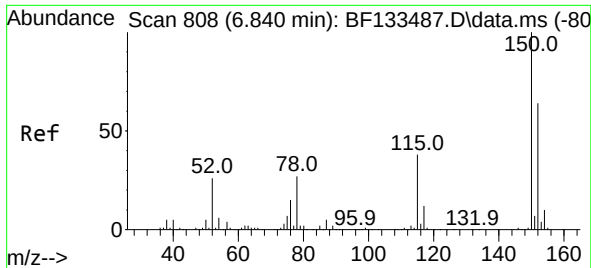
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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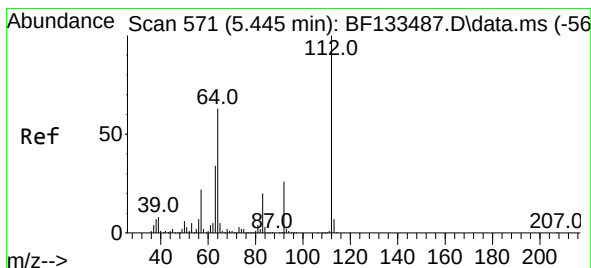
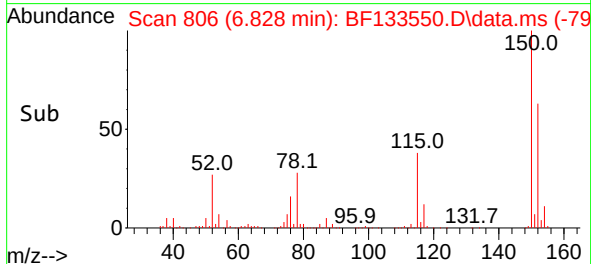
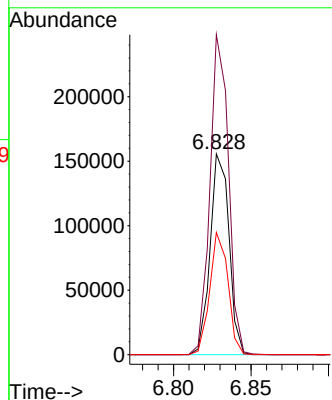
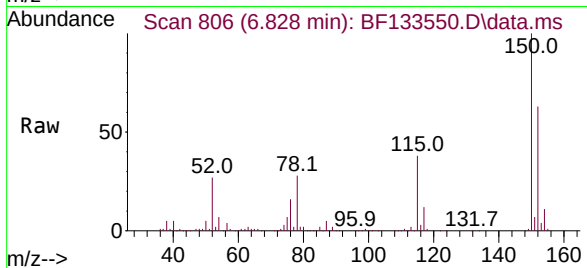




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133550.D
Acq: 31 May 2023 21:02

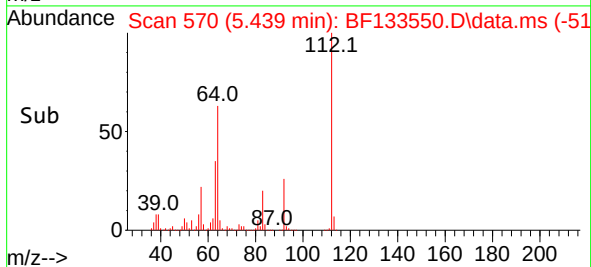
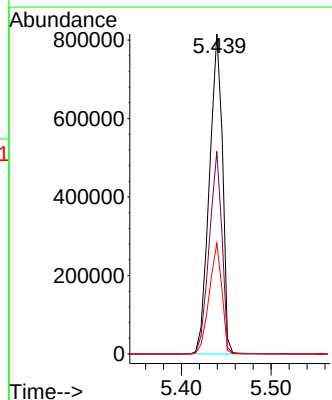
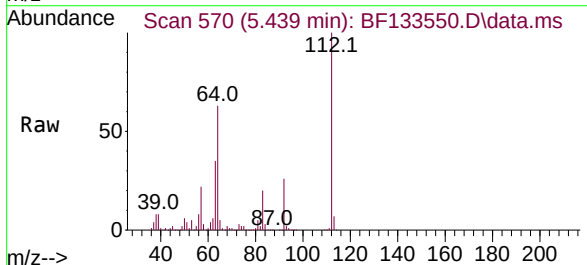
Instrument :
BNA_F
ClientSampleId :
FOUNDATION-TEST-PIT

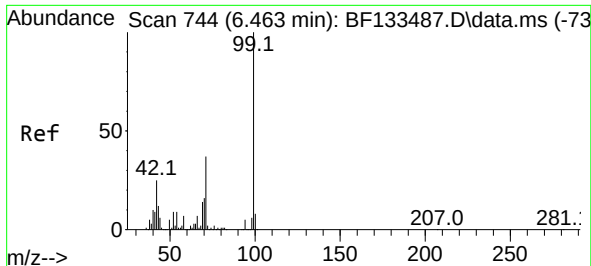
Tgt Ion:152 Resp: 131949
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 60.9 48.1 72.1



#5
2-Fluorophenol
Concen: 104.563 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133550.D
Acq: 31 May 2023 21:02

Tgt Ion:112 Resp: 826928
Ion Ratio Lower Upper
112 100
64 63.3 50.1 75.1
63 34.7 27.5 41.3

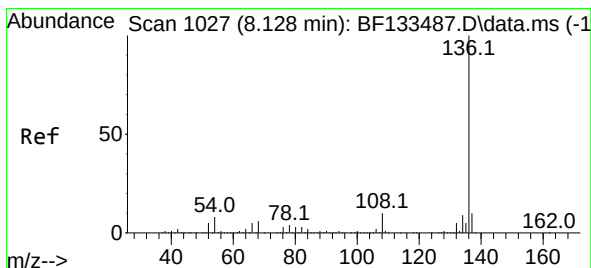
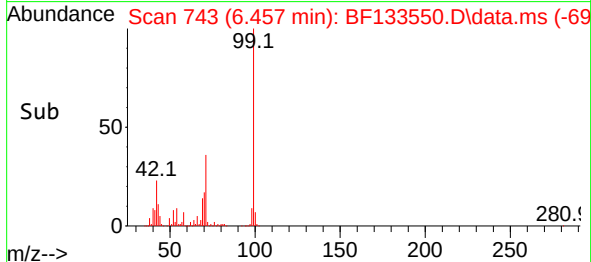
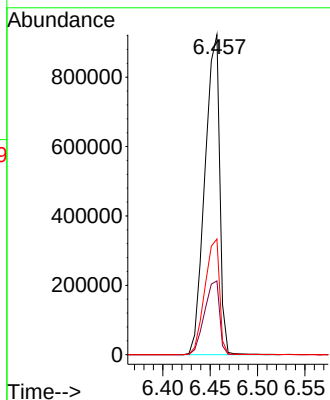
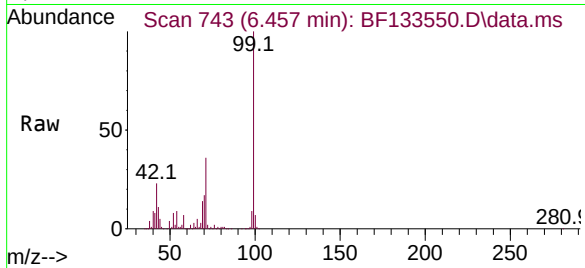




#7
Phenol-d6
Concen: 102.518 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133550.D
Acq: 31 May 2023 21:02

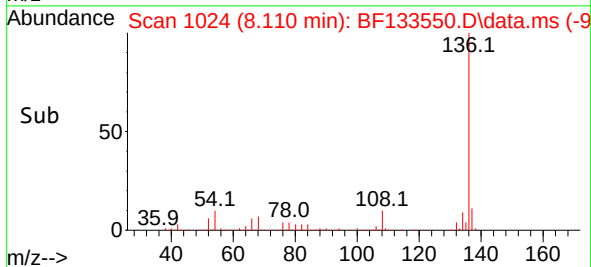
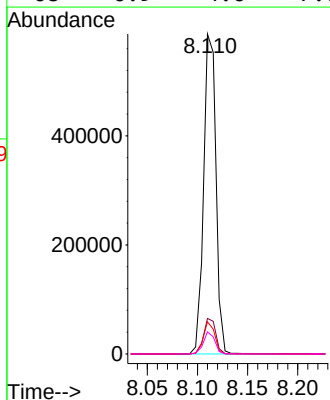
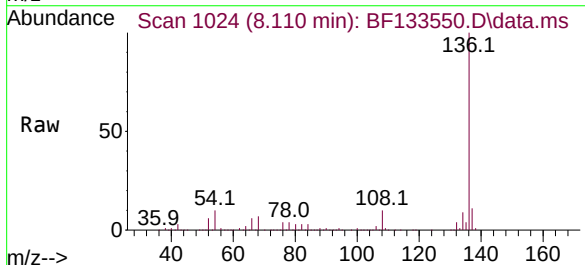
Instrument :
BNA_F
ClientSampleId :
FOUNDATION-TEST-PIT

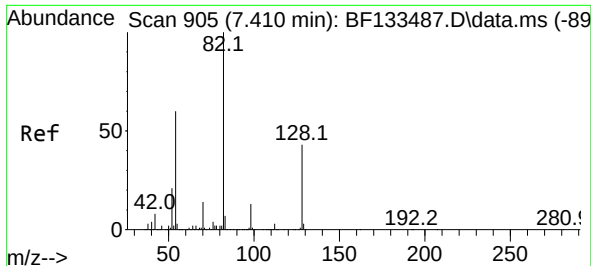
Tgt Ion: 99 Resp: 998048
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 36.1 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133550.D
Acq: 31 May 2023 21:02

Tgt Ion: 136 Resp: 505420
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 10.1 6.6 10.0#
68 6.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 82.656 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133550.D

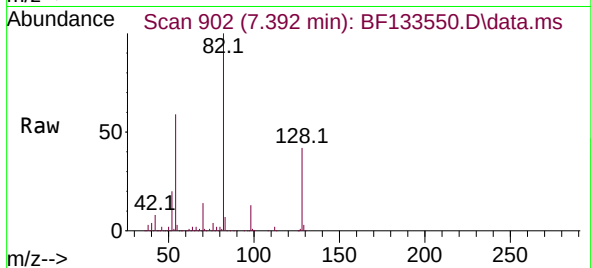
Acq: 31 May 2023 21:02

Instrument :

BNA_F

ClientSampleId :

FOUNDATION-TEST-PIT



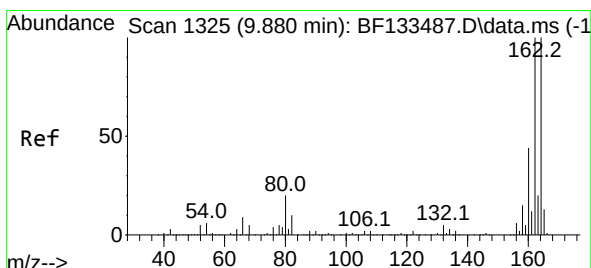
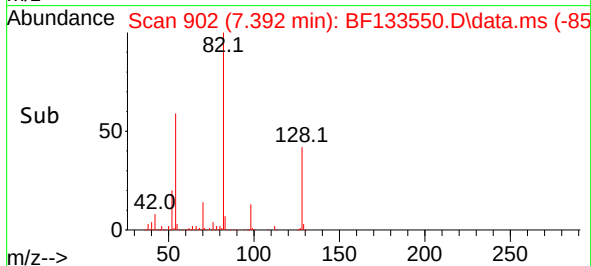
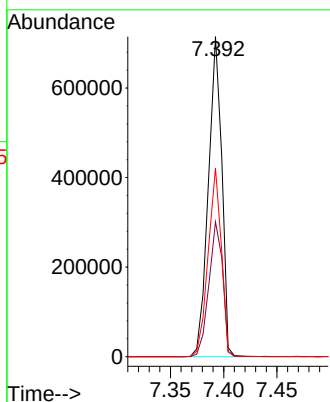
Tgt Ion: 82 Resp: 625685

Ion Ratio Lower Upper

82 100

128 42.2 34.2 51.4

54 59.0 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133550.D

Acq: 31 May 2023 21:02

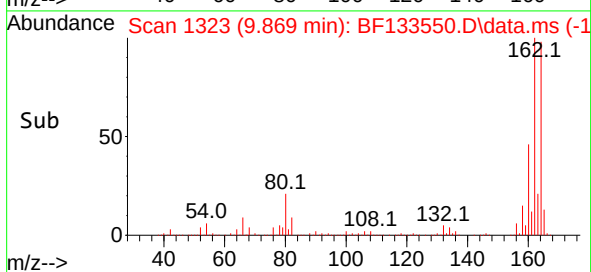
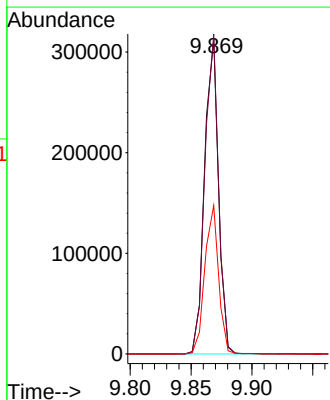
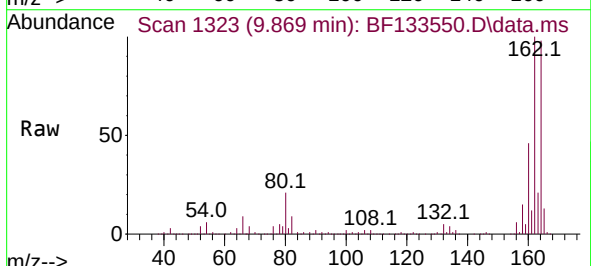
Tgt Ion: 164 Resp: 248816

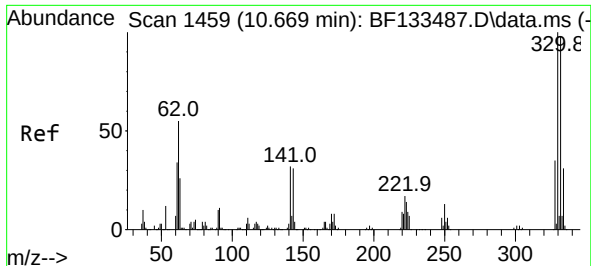
Ion Ratio Lower Upper

164 100

162 101.7 79.7 119.5

160 47.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 114.624 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133550.D

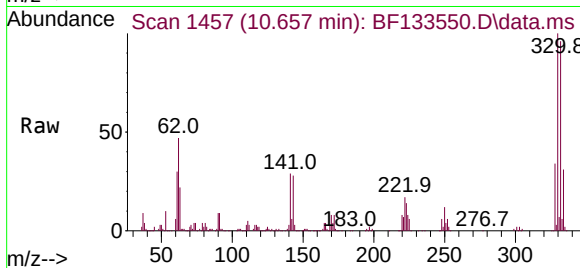
Acq: 31 May 2023 21:02

Instrument :

BNA_F

ClientSampleId :

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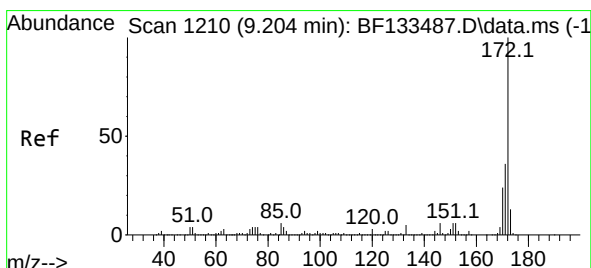
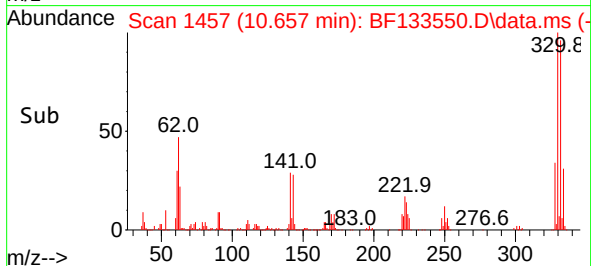
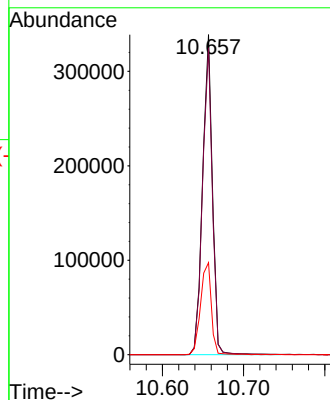
Tgt Ion:330 Resp: 284294

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 31.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 66.637 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133550.D

Acq: 31 May 2023 21:02

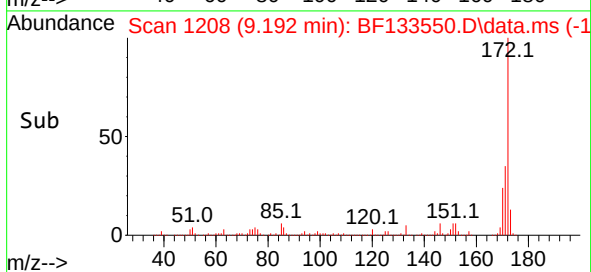
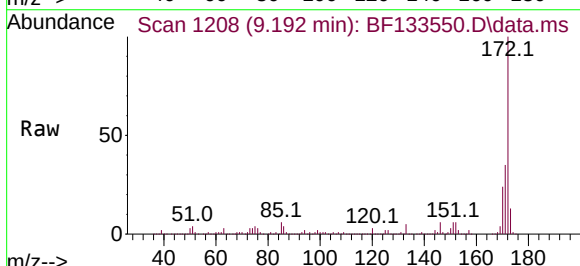
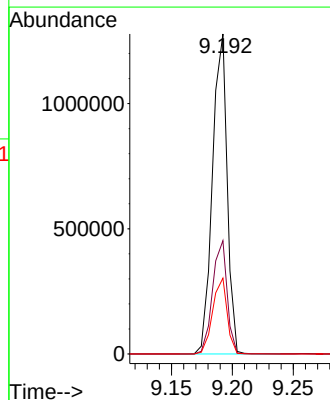
Tgt Ion:172 Resp: 1074254

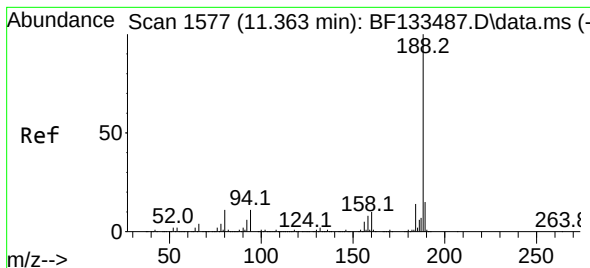
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133550.D

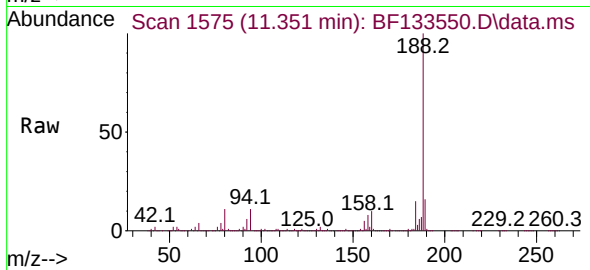
Acq: 31 May 2023 21:02

Instrument :

BNA_F

ClientSampleId :

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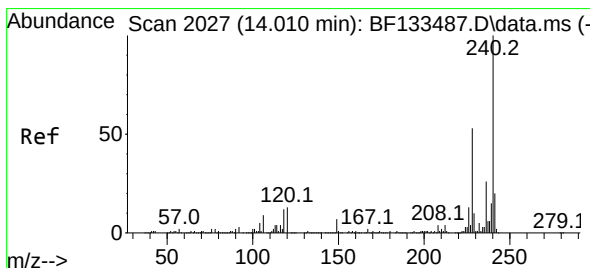
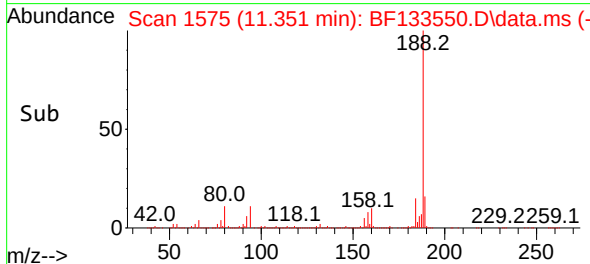
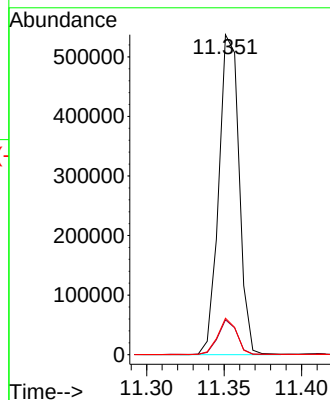
Tgt Ion:188 Resp: 490078

Ion Ratio Lower Upper

188 100

94 10.9 8.6 12.8

80 11.4 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133550.D

Acq: 31 May 2023 21:02

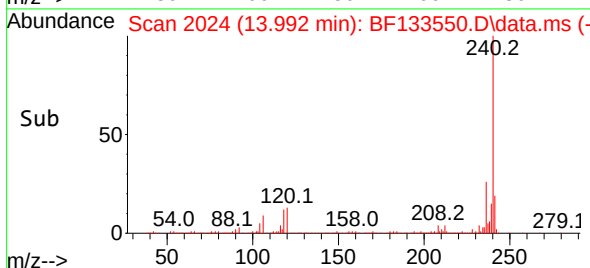
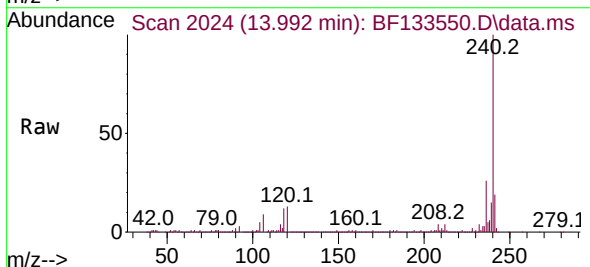
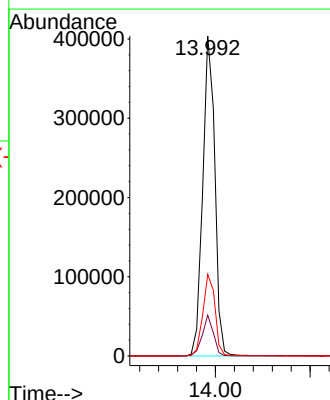
Tgt Ion:240 Resp: 359738

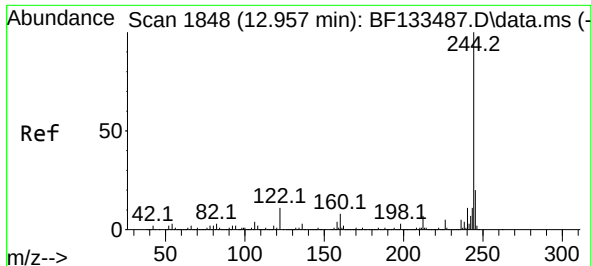
Ion Ratio Lower Upper

240 100

120 12.8 10.3 15.5

236 25.5 20.5 30.7

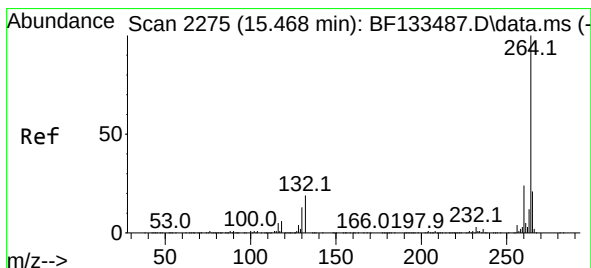
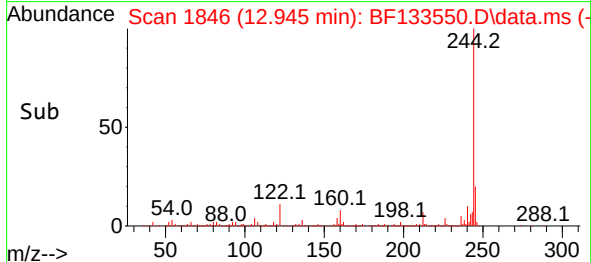
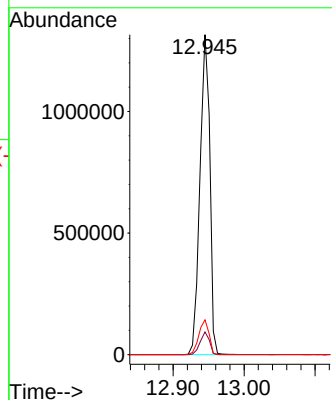
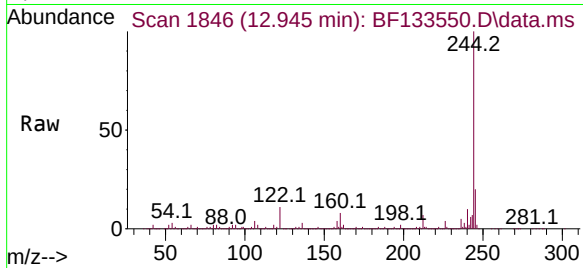




#79
 Terphenyl-d14
 Concen: 62.847 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133550.D
 Acq: 31 May 2023 21:02

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Tgt Ion:244 Resp: 1271587
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133550.D
 Acq: 31 May 2023 21:02

Tgt Ion:264 Resp: 296320
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.0 16.8 25.2

