

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133131.D
 Acq On : 28 Apr 2023 20:24
 Operator : CG\JU
 Sample : 02503-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-02

Quant Time: May 01 03:08:14 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 03:03:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	161311	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	639248	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	339288	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	611219	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	461413	20.000	ng	-0.01
86) Perylene-d12	15.304	264	366672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1371571	128.442	ng	0.02
7) Phenol-d6	6.375	99	1524592	115.026	ng	0.00
23) Nitrobenzene-d5	7.298	82	1068292	90.204	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	511922	150.027	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1848560	91.151	ng	0.00
79) Terphenyl-d14	12.839	244	2376189	88.817	ng	0.00

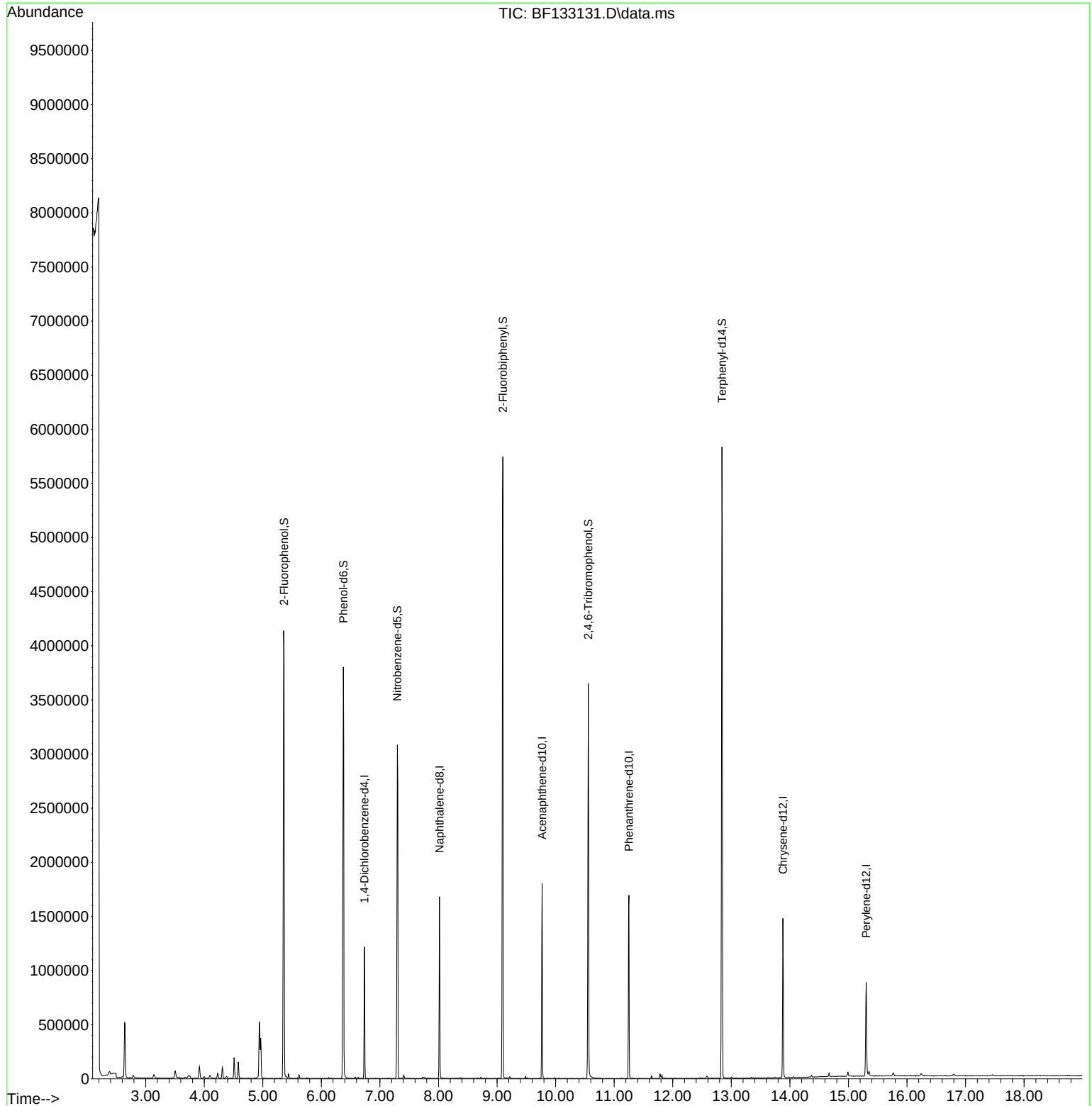
Target Compounds Qvalue

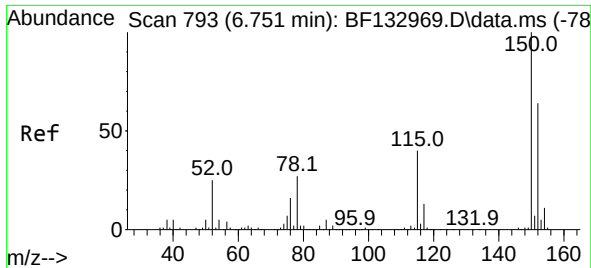
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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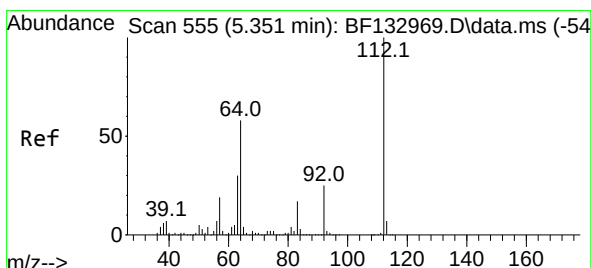
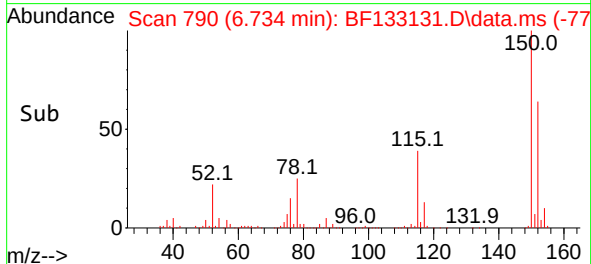
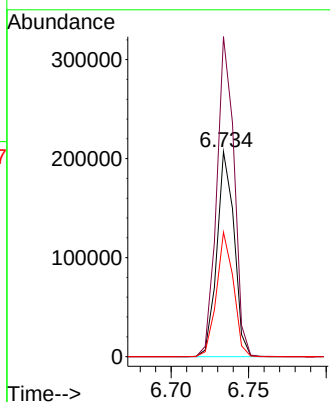
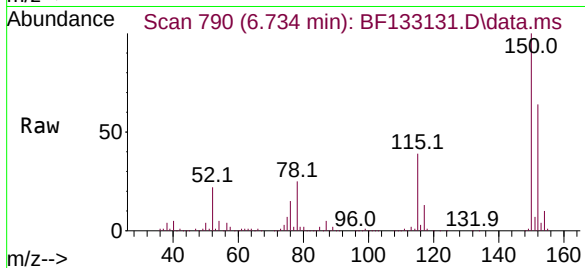




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133131.D
Acq: 28 Apr 2023 20:24

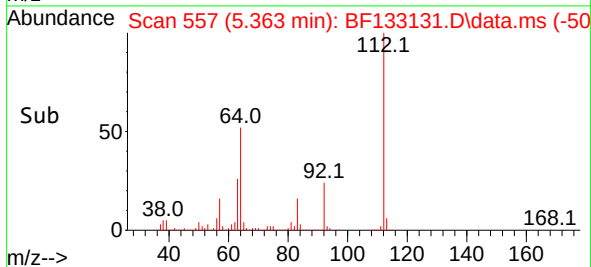
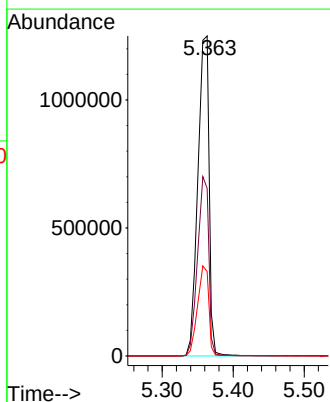
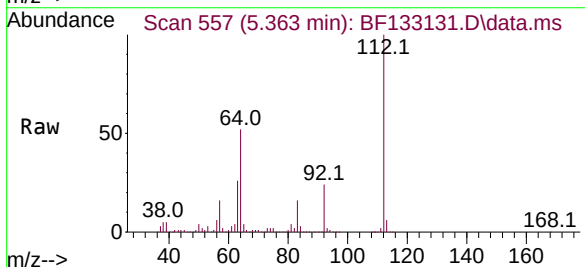
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-02

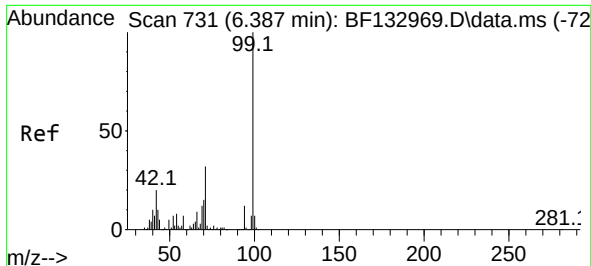
Tgt Ion:152 Resp: 161311
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 128.442 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.024 min
Lab File: BF133131.D
Acq: 28 Apr 2023 20:24

Tgt Ion:112 Resp: 1371571
Ion Ratio Lower Upper
112 100
64 52.3 46.8 70.2
63 26.3 23.8 35.8





#7

Phenol-d6

Concen: 115.026 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133131.D

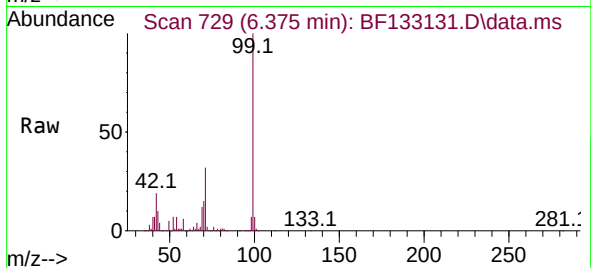
Acq: 28 Apr 2023 20:24

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02



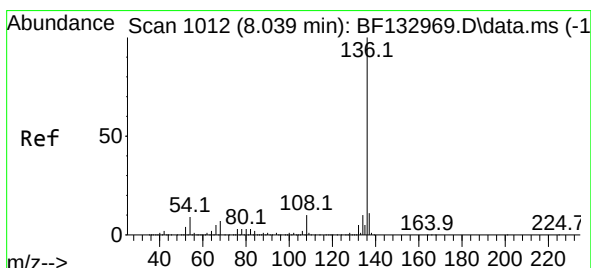
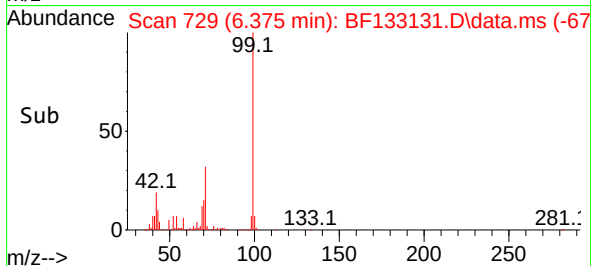
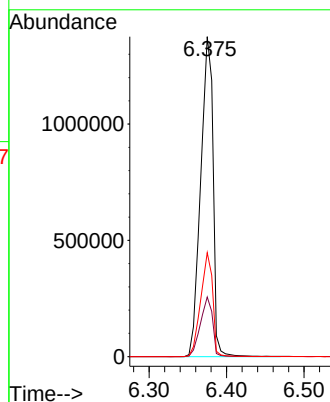
Tgt Ion: 99 Resp: 1524592

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

71 32.5 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Tgt Ion: 136 Resp: 639248

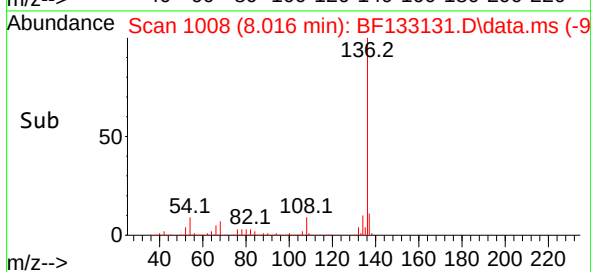
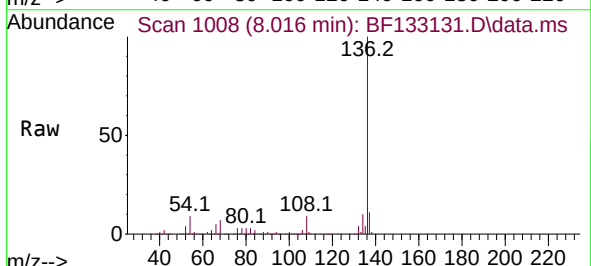
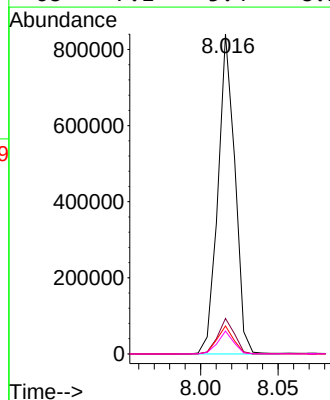
Ion Ratio Lower Upper

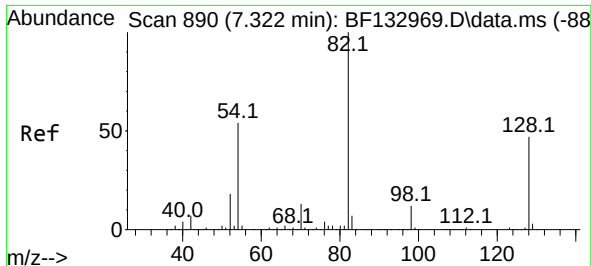
136 100

137 11.1 8.6 13.0

54 8.7 7.0 10.4

68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 90.204 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02

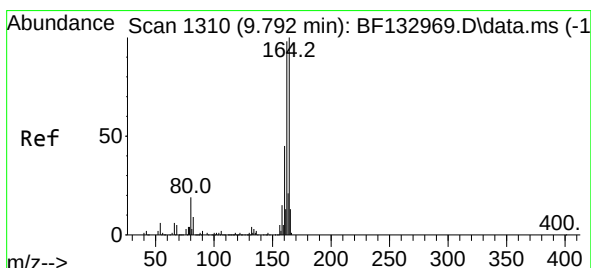
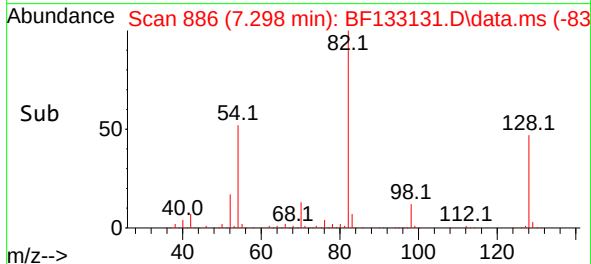
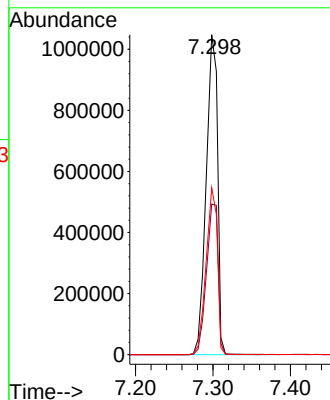
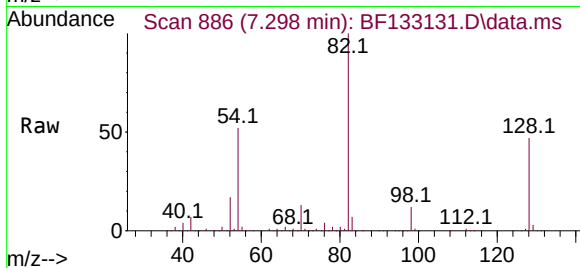
Tgt Ion: 82 Resp: 1068292

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 52.1 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

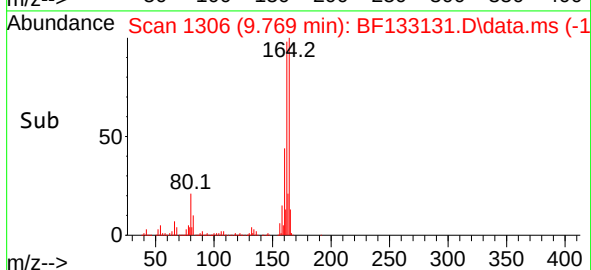
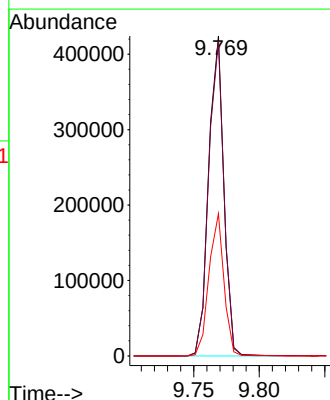
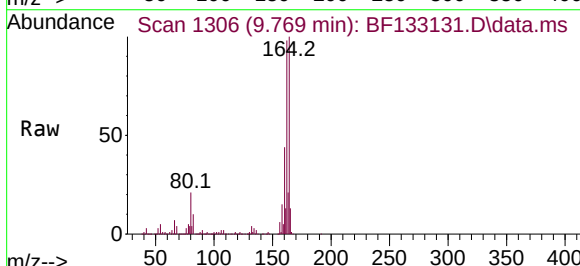
Tgt Ion:164 Resp: 339288

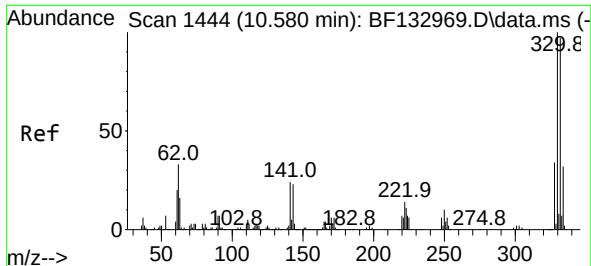
Ion Ratio Lower Upper

164 100

162 98.4 78.7 118.1

160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 150.027 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02

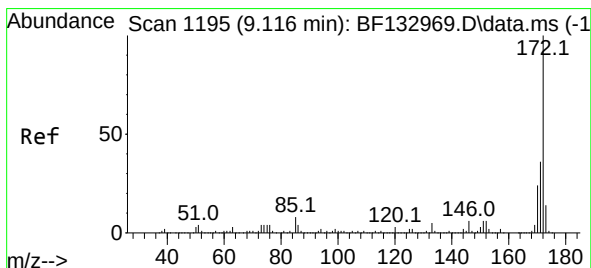
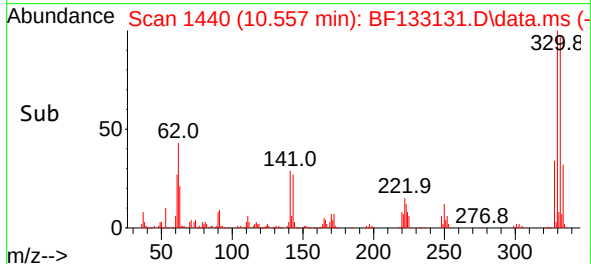
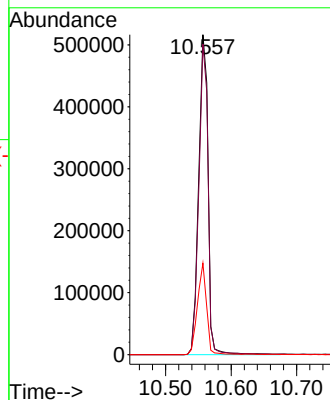
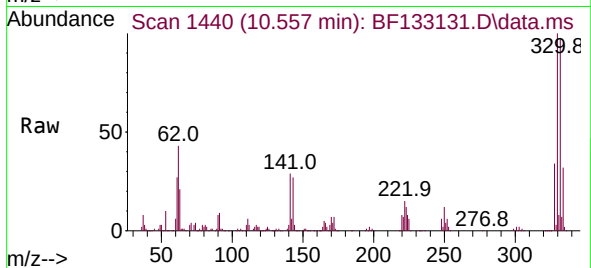
Tgt Ion:330 Resp: 511922

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 27.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.151 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

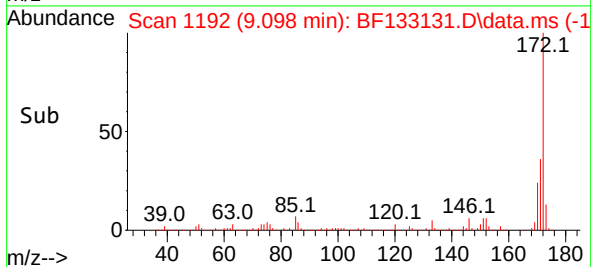
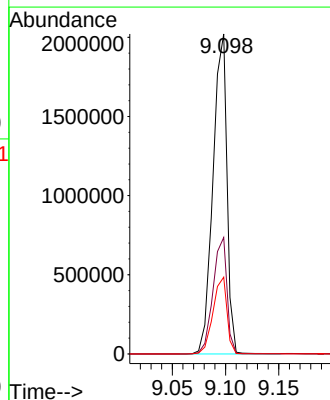
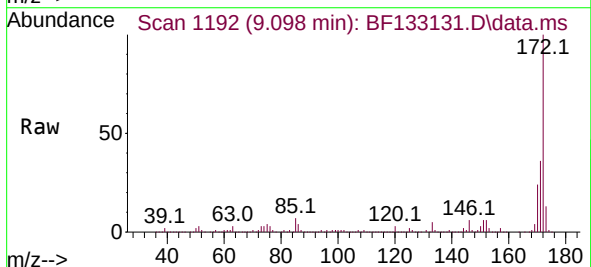
Tgt Ion:172 Resp: 1848560

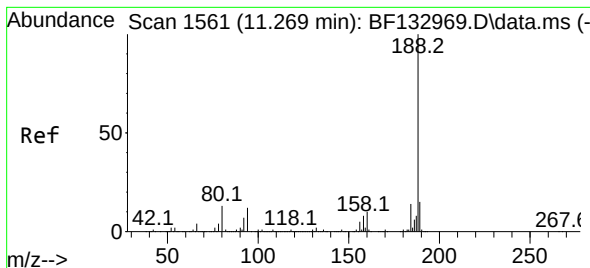
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02

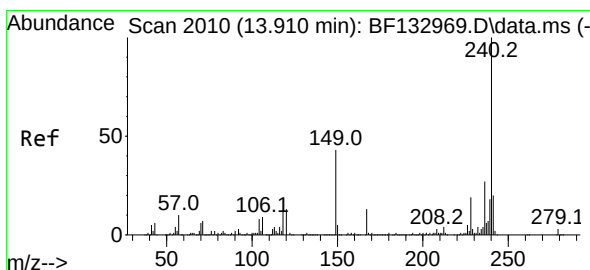
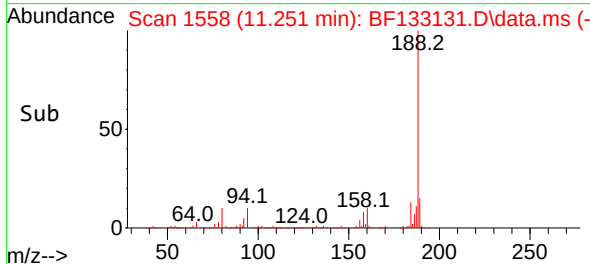
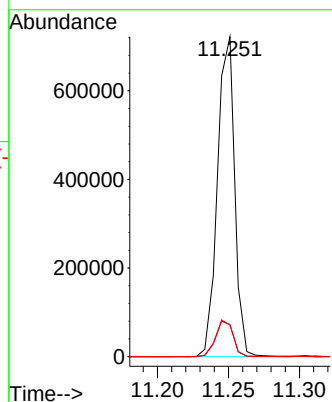
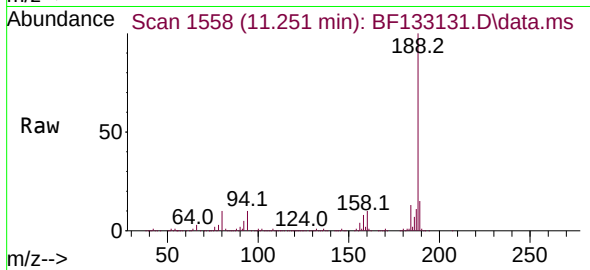
Tgt Ion:188 Resp: 611219

Ion Ratio Lower Upper

188 100

94 10.0 9.7 14.5

80 9.9 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

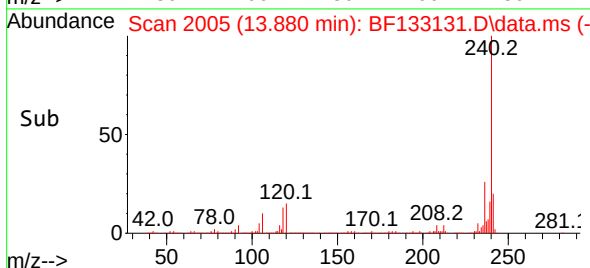
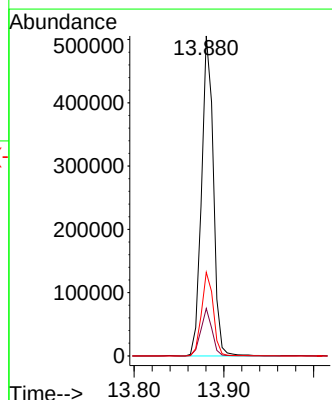
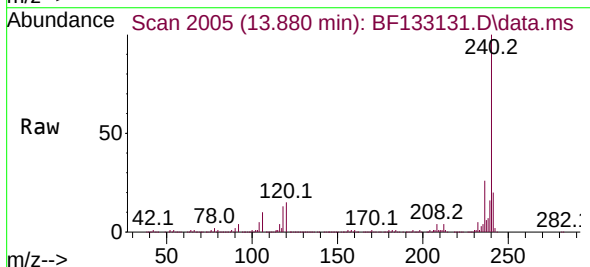
Tgt Ion:240 Resp: 461413

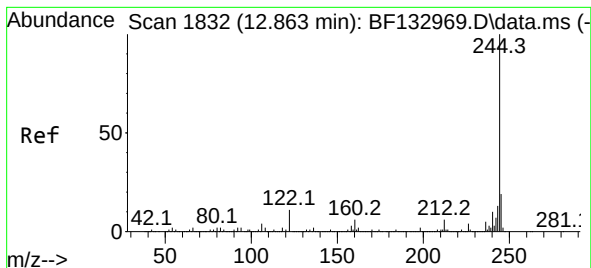
Ion Ratio Lower Upper

240 100

120 14.8 10.5 15.7

236 26.1 21.5 32.3





#79

Terphenyl-d14

Concen: 88.817 ng

RT: 12.839 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-02

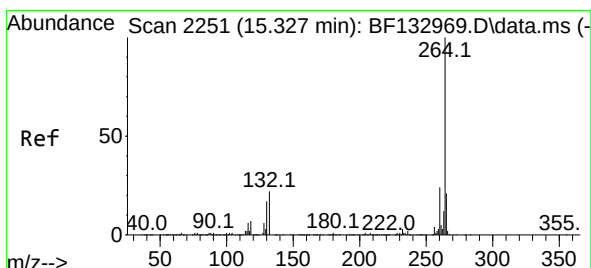
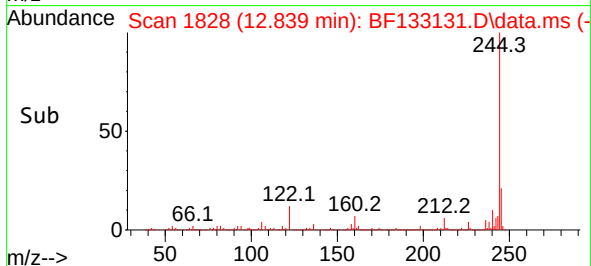
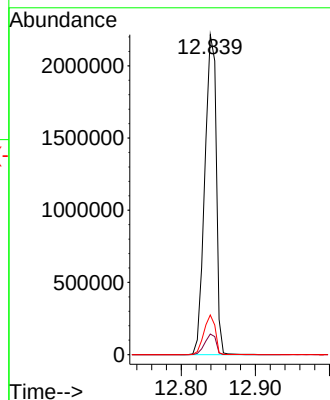
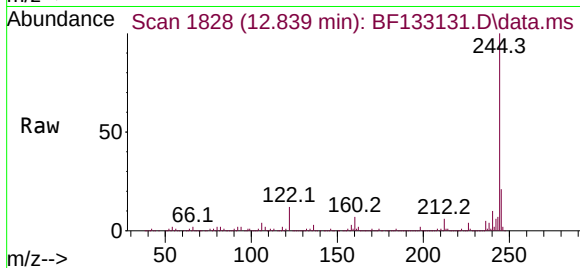
Tgt Ion:244 Resp: 2376189

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 12.4 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133131.D

Acq: 28 Apr 2023 20:24

Tgt Ion:264 Resp: 366672

Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 20.8 17.0 25.4

