

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131537.D
 Acq On : 06 Dec 2022 20:32
 Operator : CG\JU
 Sample : N5793-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

Quant Time: Dec 07 03:24:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	98034	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	364476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	221956	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	421210	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	252295	20.000	ng	0.00
86) Perylene-d12	15.639	264	198637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	451846	78.708	ng	0.00
7) Phenol-d6	6.540	99	372891	52.016	ng	0.00
23) Nitrobenzene-d5	7.492	82	561611	70.720	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	354952	140.449	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1395066	82.454	ng	0.00
79) Terphenyl-d14	13.063	244	1715405	102.679	ng	0.00

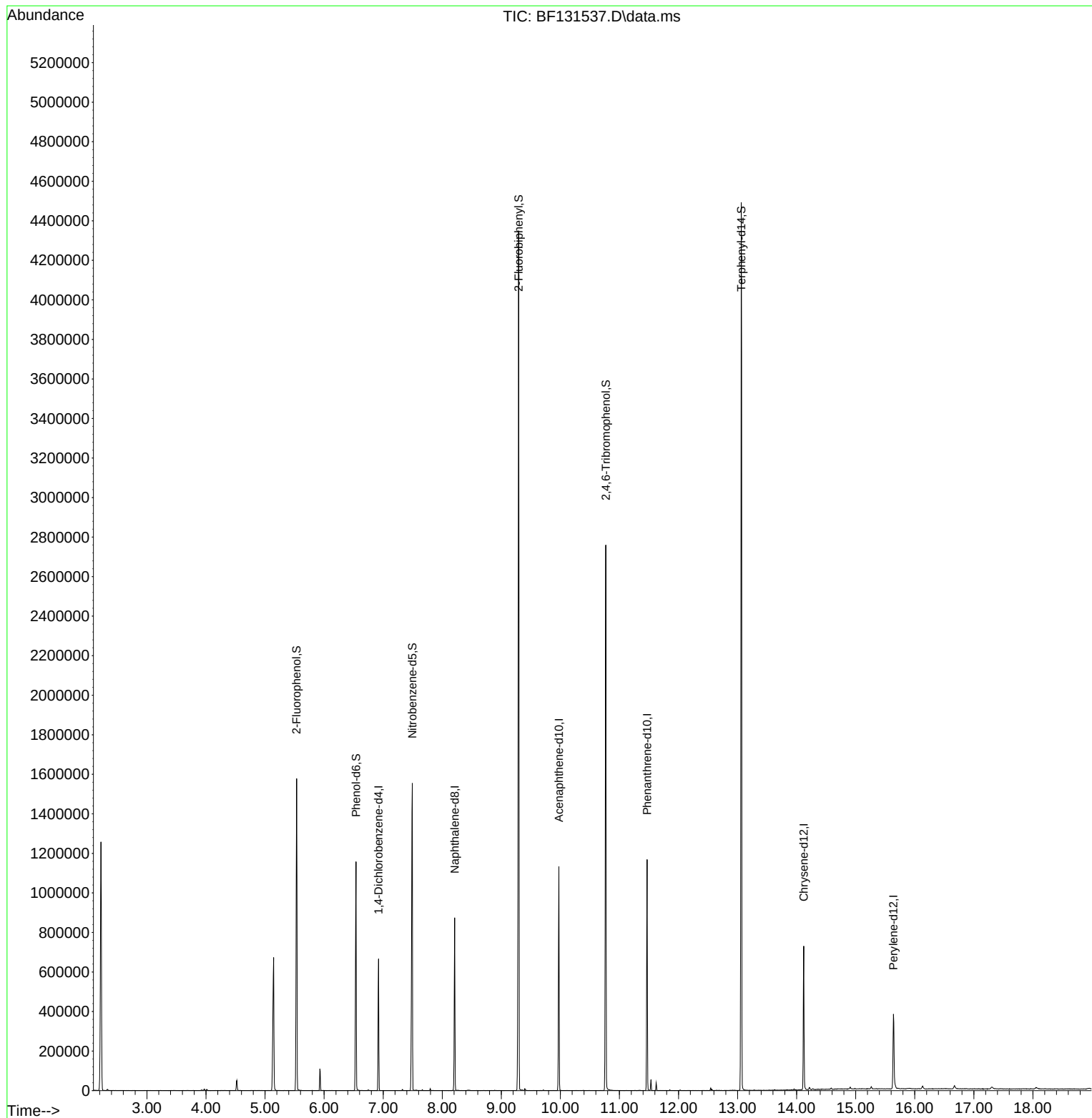
Target Compounds Qvalue

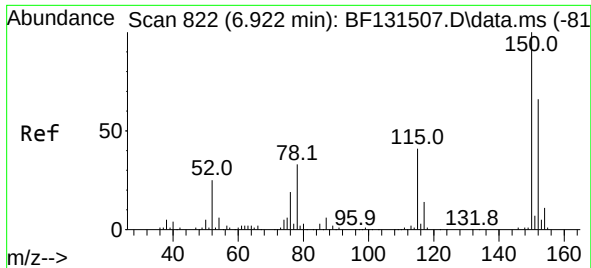
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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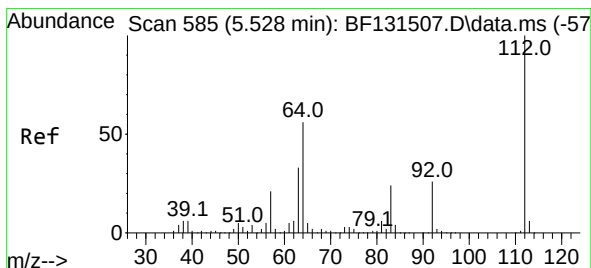
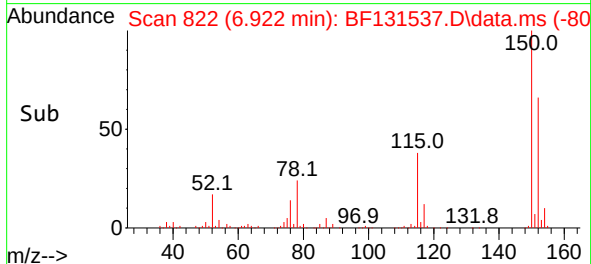
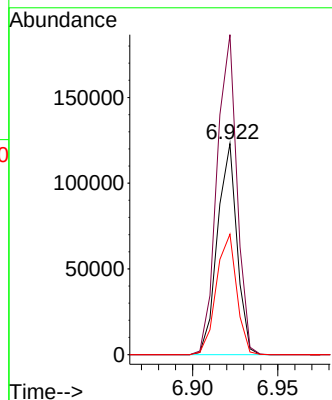
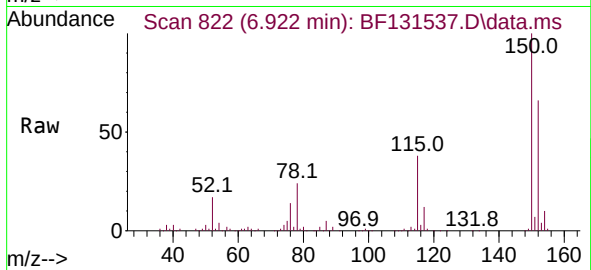




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131537.D
 Acq: 06 Dec 2022 20:32

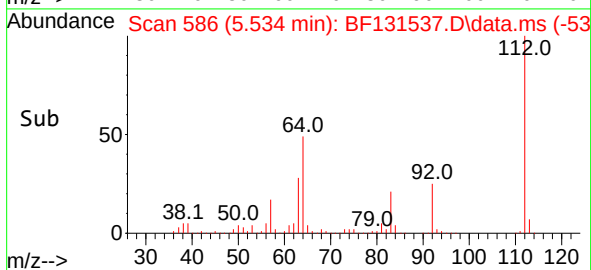
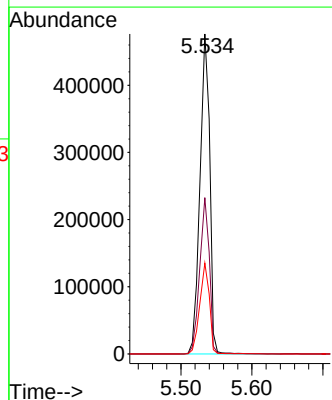
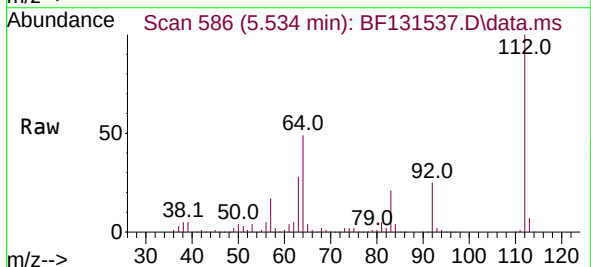
Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

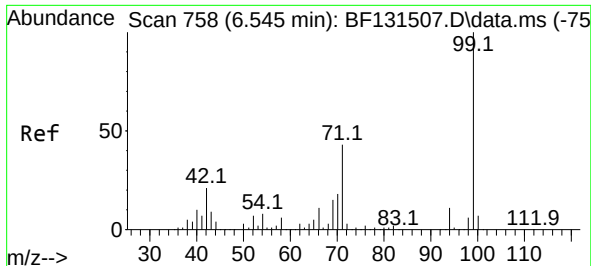
Tgt Ion:152 Resp: 98034
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.9 182.9
 115 57.1 50.4 75.6



#5
 2-Fluorophenol
 Concen: 78.708 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.006 min
 Lab File: BF131537.D
 Acq: 06 Dec 2022 20:32

Tgt Ion:112 Resp: 451846
 Ion Ratio Lower Upper
 112 100
 64 48.8 44.5 66.7
 63 28.4 26.7 40.1





#7

Phenol-d6

Concen: 52.016 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28

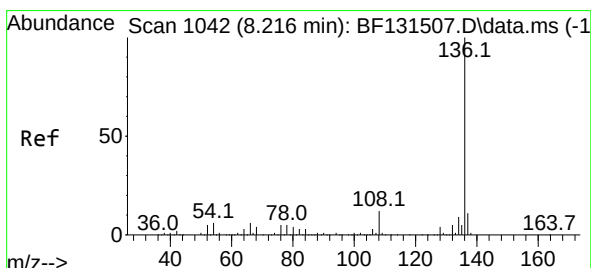
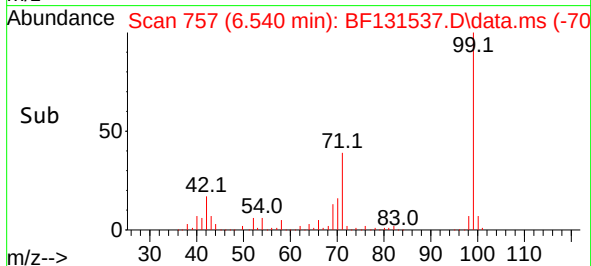
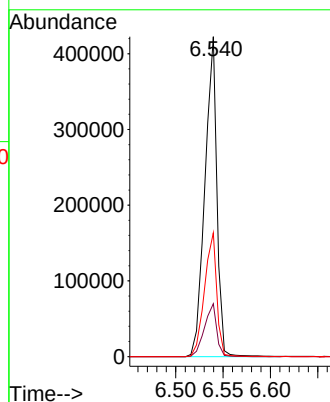
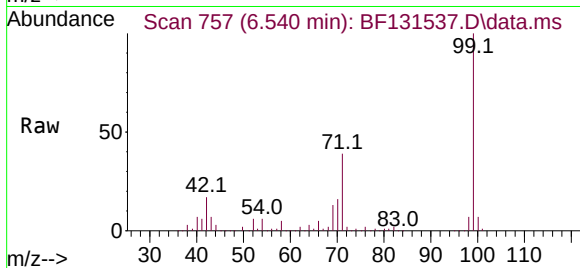
Tgt Ion: 99 Resp: 372891

Ion Ratio Lower Upper

99 100

42 16.5 16.6 25.0#

71 38.7 34.4 51.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

Tgt Ion: 136 Resp: 364476

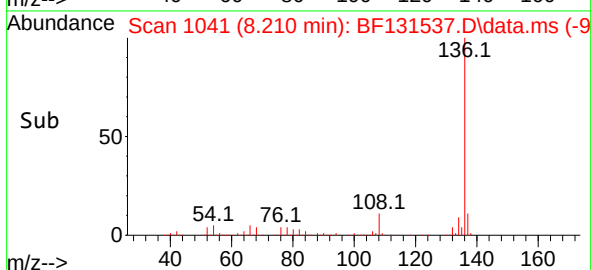
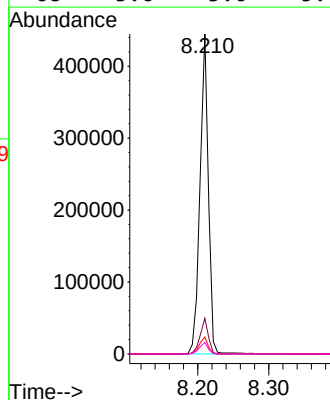
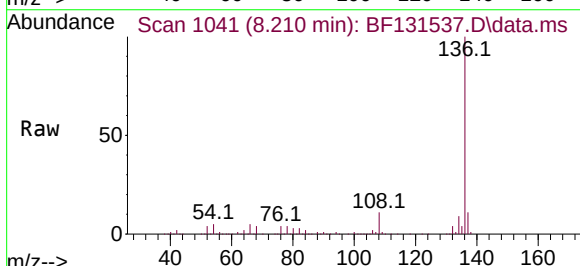
Ion Ratio Lower Upper

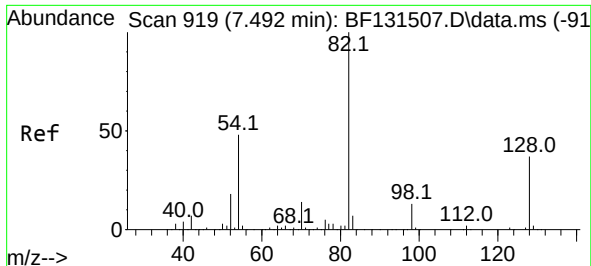
136 100

137 11.1 8.8 13.2

54 5.3 5.0 7.6

68 3.6 3.6 5.4#

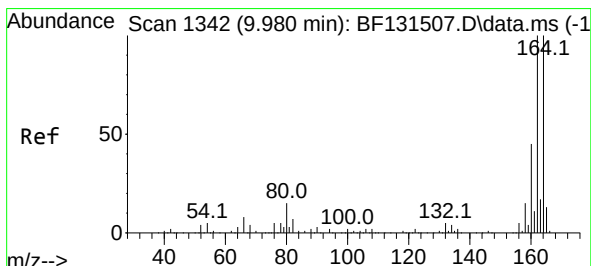
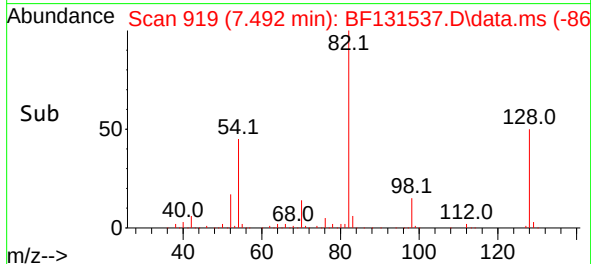
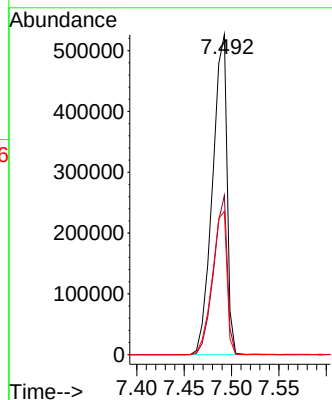
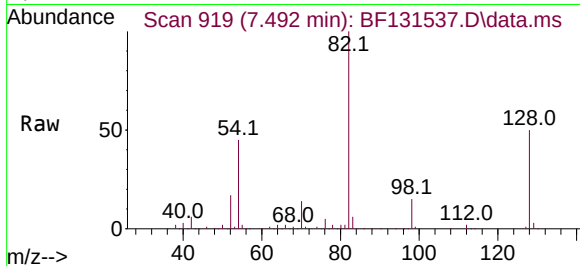




#23
Nitrobenzene-d5
Concen: 70.720 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

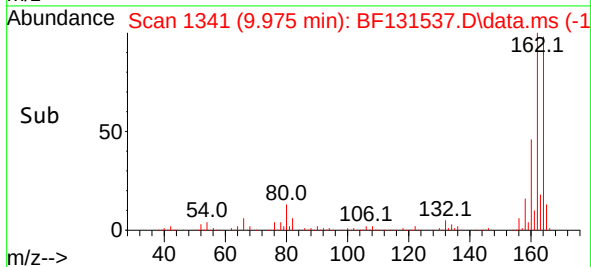
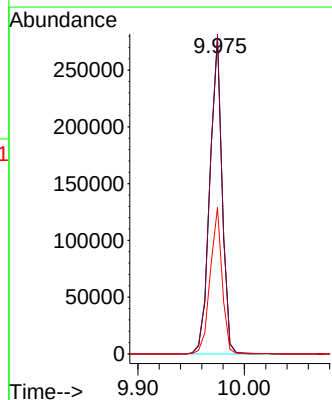
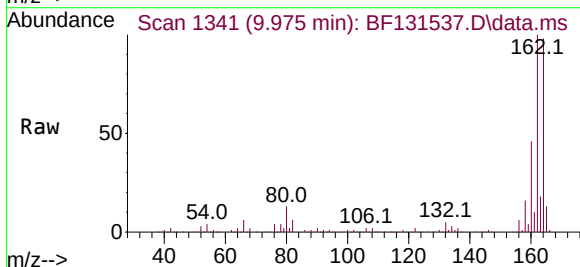
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

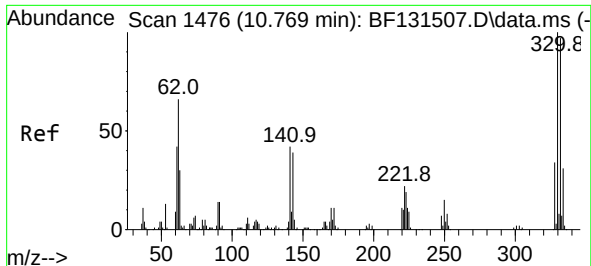
Tgt Ion: 82 Resp: 561611
Ion Ratio Lower Upper
82 100
128 49.7 29.7 44.5#
54 44.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion:164 Resp: 221956
Ion Ratio Lower Upper
164 100
162 101.6 80.1 120.1
160 46.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 140.449 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BF131537.D

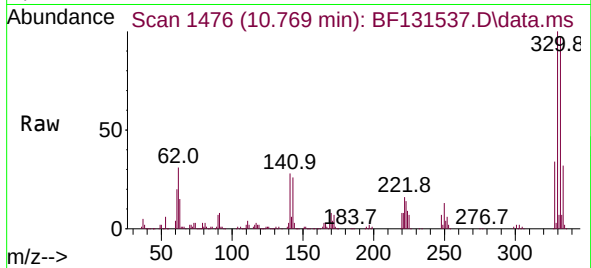
Acq: 06 Dec 2022 20:32

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28



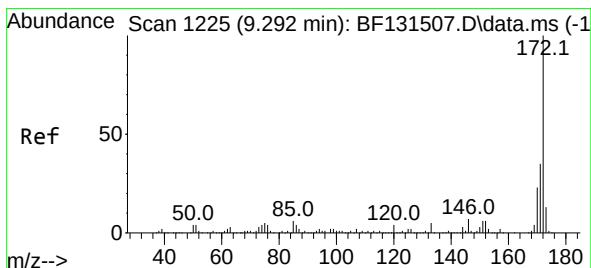
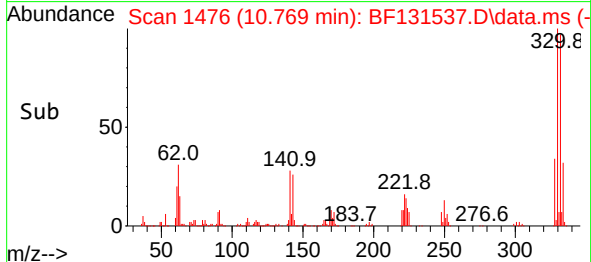
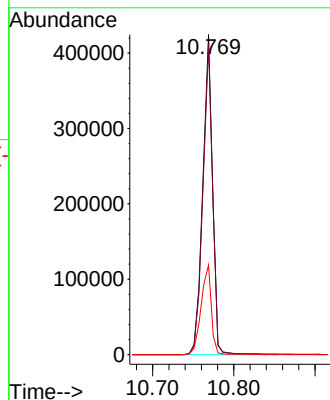
Tgt Ion:330 Resp: 354952

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

141 29.1 29.1 43.7#



#45

2-Fluorobiphenyl

Concen: 82.454 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

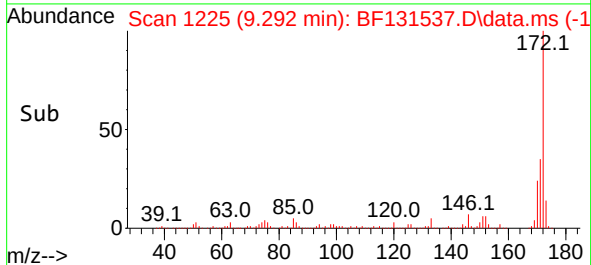
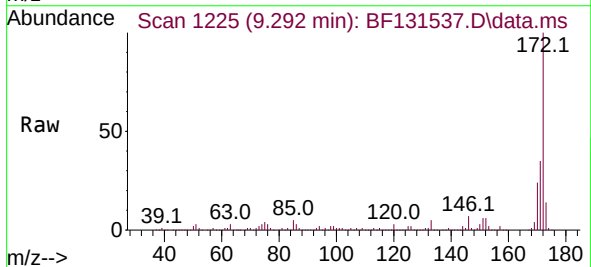
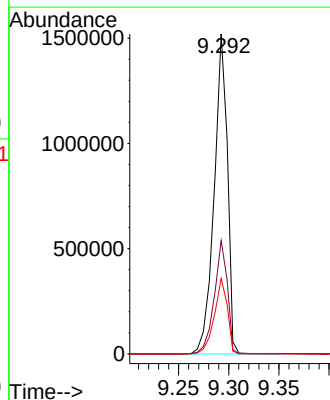
Tgt Ion:172 Resp: 1395066

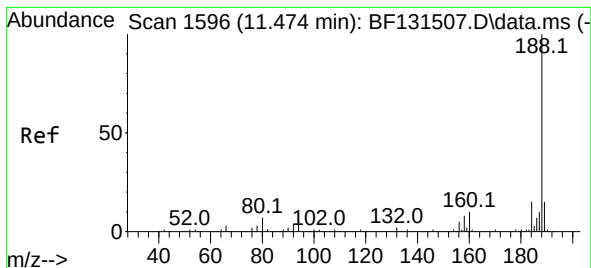
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28

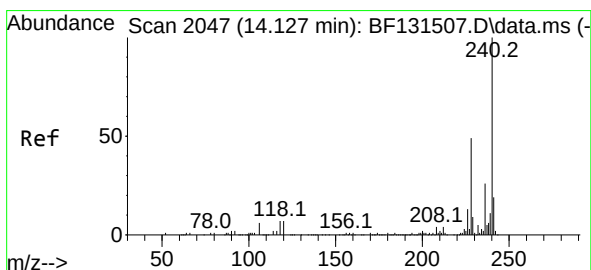
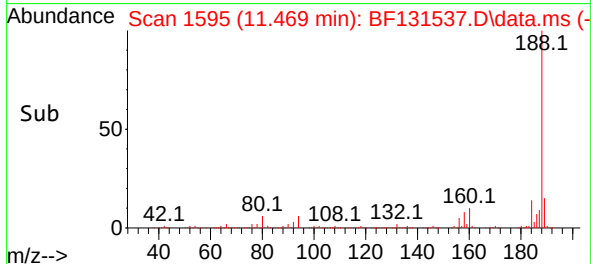
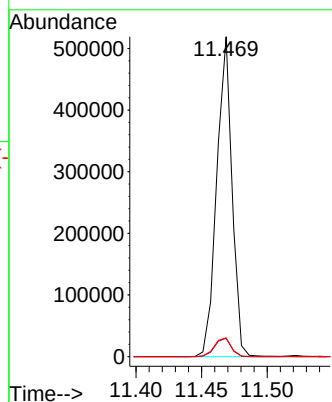
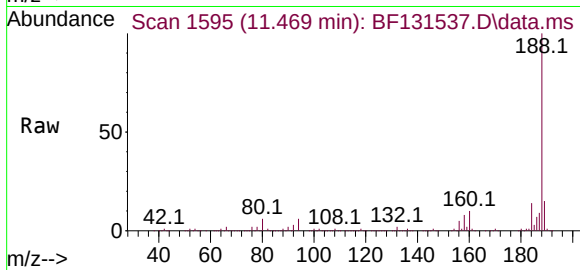
Tgt Ion:188 Resp: 421210

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 5.9 5.9 8.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

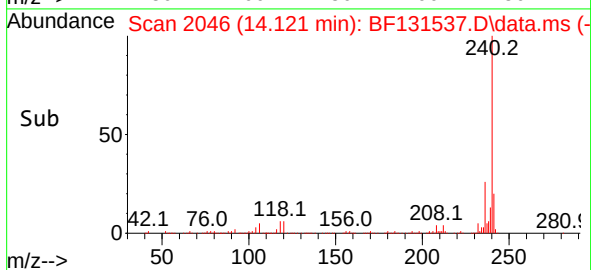
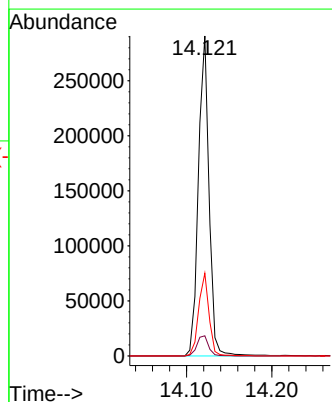
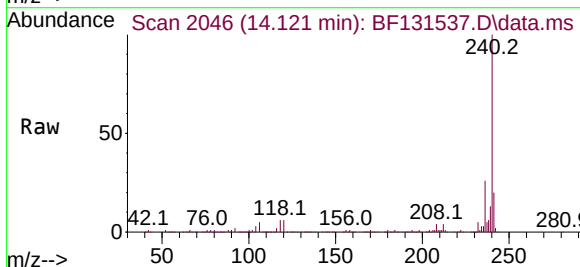
Tgt Ion:240 Resp: 252295

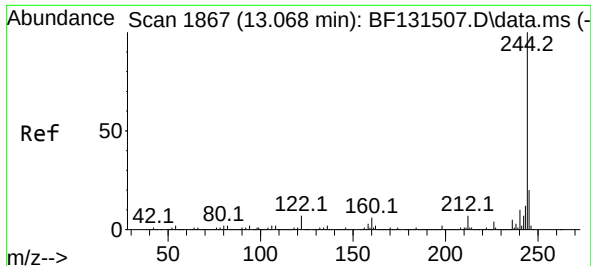
Ion Ratio Lower Upper

240 100

120 6.3 5.6 8.4

236 25.8 20.6 31.0

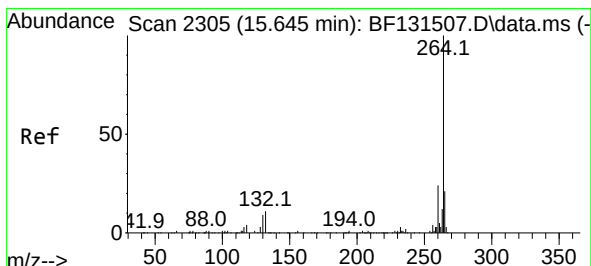
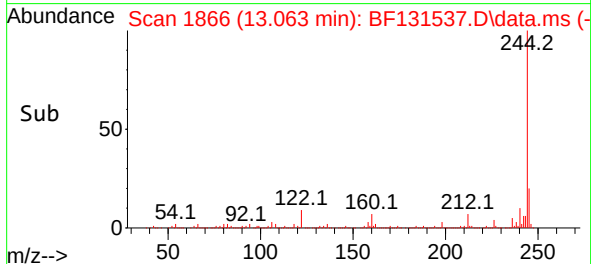
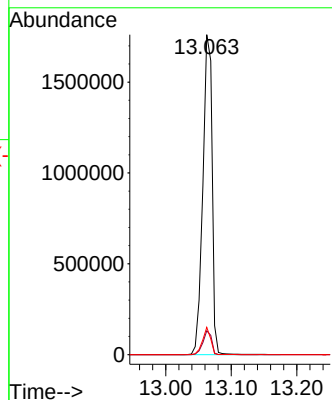
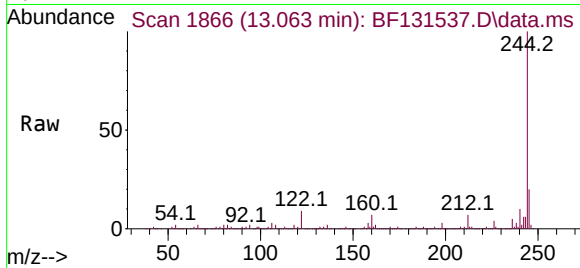




#79
 Terphenyl-d14
 Concen: 102.679 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF131537.D
 Acq: 06 Dec 2022 20:32

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

Tgt Ion:244 Resp: 1715405
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.5 5.4 8.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131537.D
 Acq: 06 Dec 2022 20:32

Tgt Ion:264 Resp: 198637
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 22.4 17.0 25.4

