

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131449.D
 Acq On : 29 Nov 2022 01:49
 Operator : CG\JU
 Sample : N5752-03 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8S

Quant Time: Nov 29 05:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	72032	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	356761	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	201681	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	324207	20.000	ng	# 0.00
76) Chrysene-d12	14.180	240	252136	20.000	ng	# 0.01
86) Perylene-d12	15.733	264	194070	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	103632	27.381	ng	0.00
7) Phenol-d6	6.569	99	86364	17.885	ng	0.00
23) Nitrobenzene-d5	7.516	82	41037	5.798	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	36253	21.366	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	189698	13.684	ng	0.00
79) Terphenyl-d14	13.110	244	185105	12.005	ng	0.00

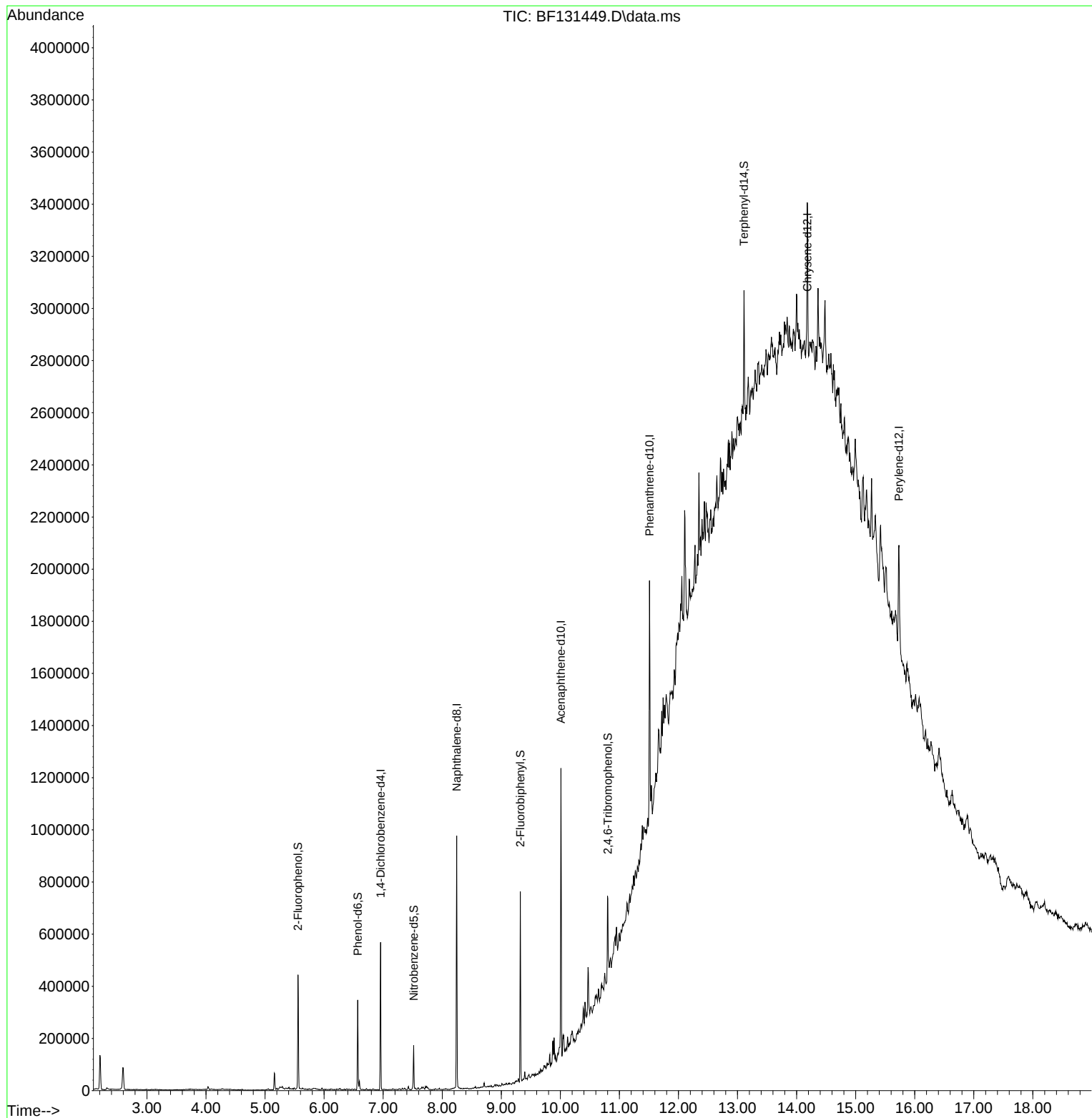
Target Compounds	Qvalue

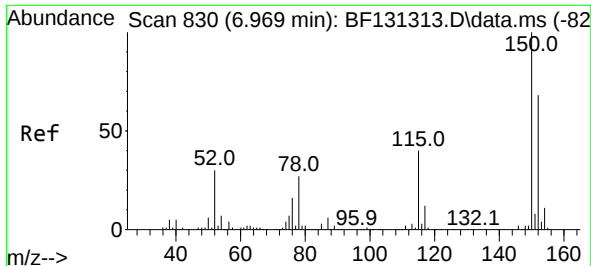
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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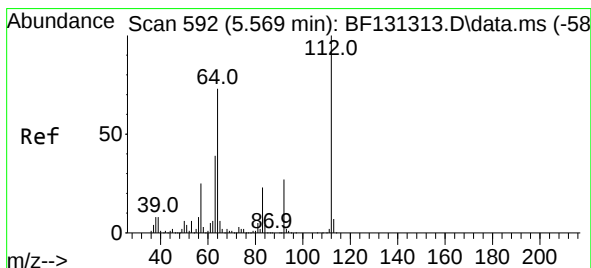
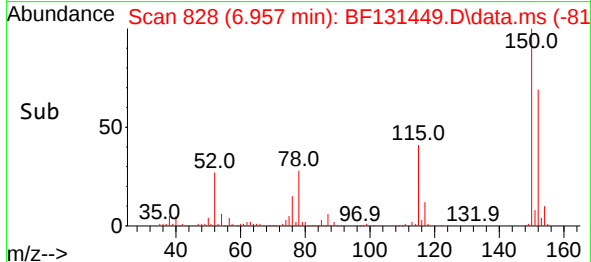
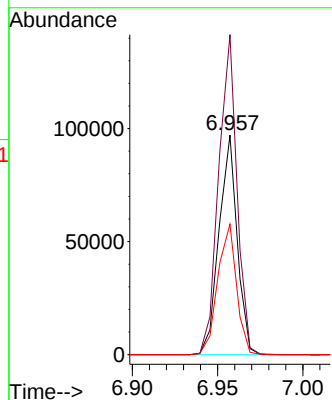
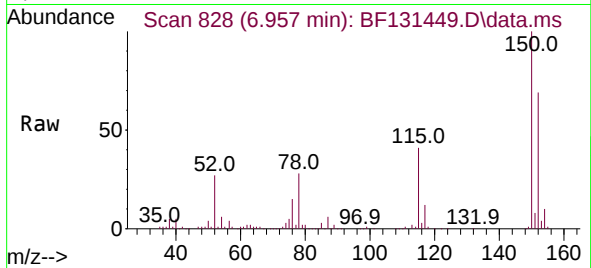




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

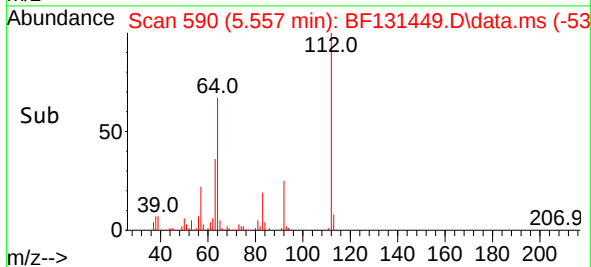
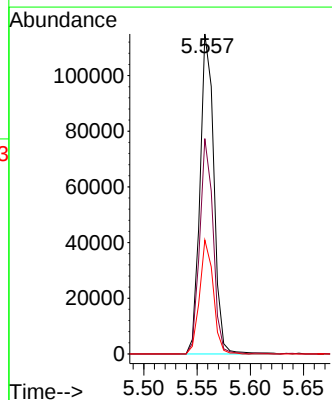
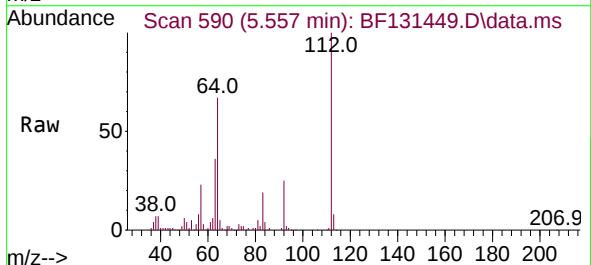
Instrument :
 BNA_F
 ClientSampleId :
 B-8S

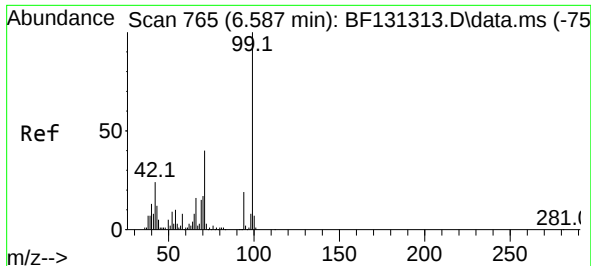
Tgt Ion:152 Resp: 72032
 Ion Ratio Lower Upper
 152 100
 150 145.9 117.8 176.8
 115 59.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 27.381 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.000 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

Tgt Ion:112 Resp: 103632
 Ion Ratio Lower Upper
 112 100
 64 67.3 58.6 88.0
 63 35.6 31.4 47.0

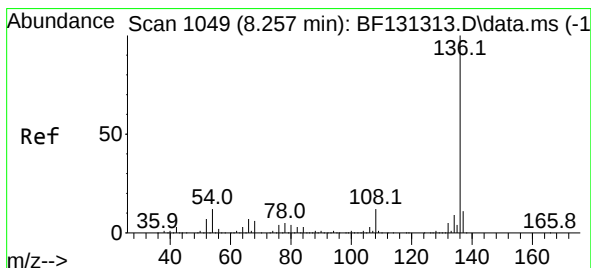
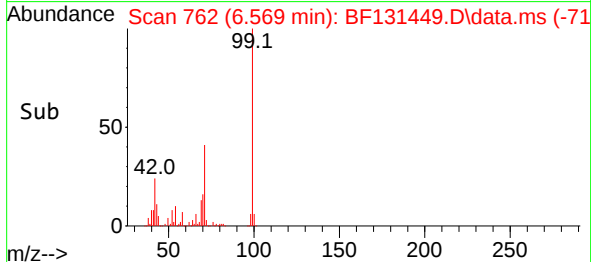
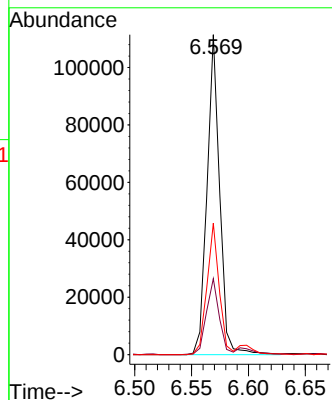
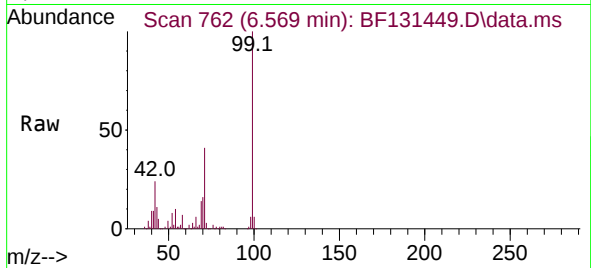




#7
Phenol-d6
Concen: 17.885 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

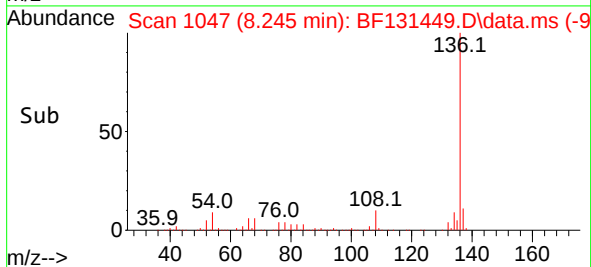
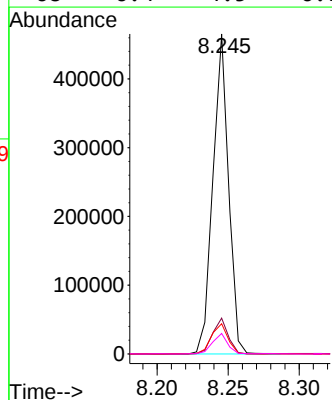
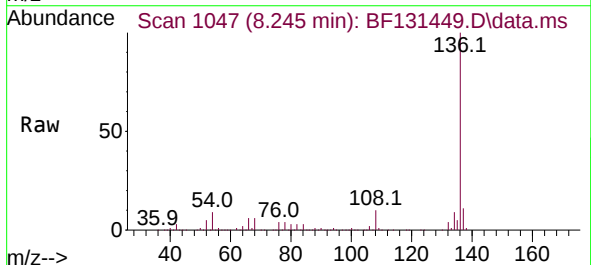
Instrument :
BNA_F
ClientSampleId :
B-8S

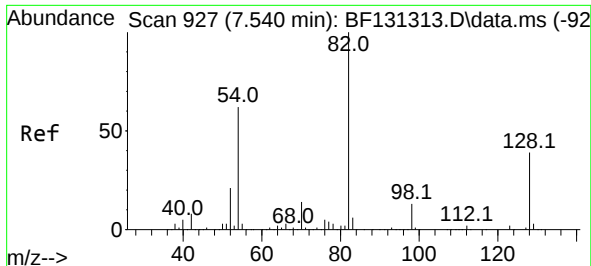
Tgt Ion: 99 Resp: 86364
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.2
71 41.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

Tgt Ion: 136 Resp: 356761
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.4 9.4 14.0
68 6.4 4.5 6.7

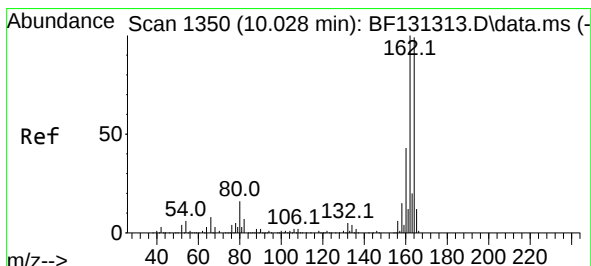
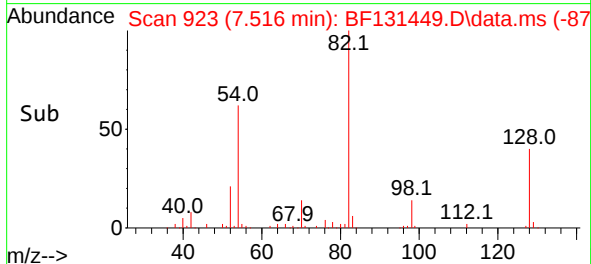
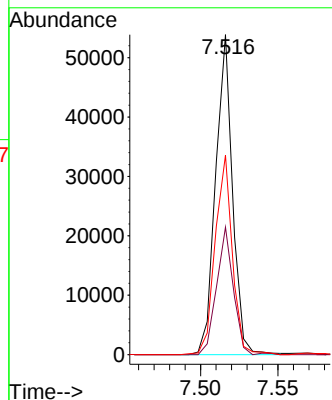
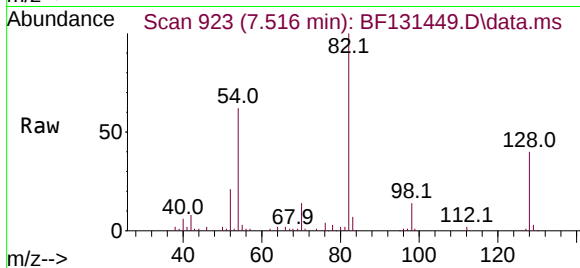




#23
Nitrobenzene-d5
Concen: 5.798 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

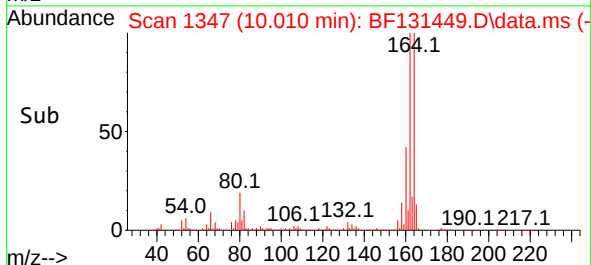
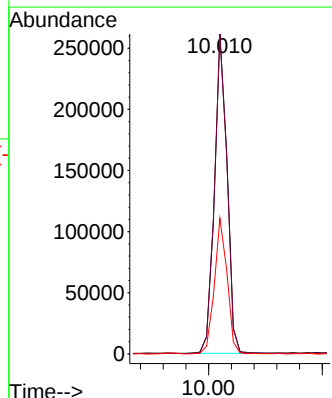
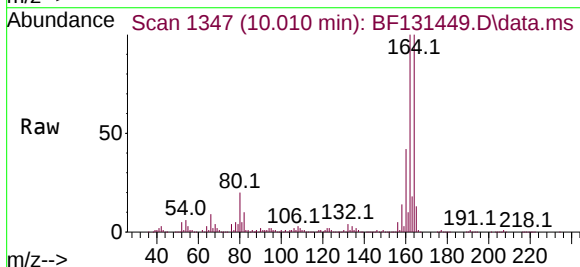
Instrument :
BNA_F
ClientSampleId :
B-8S

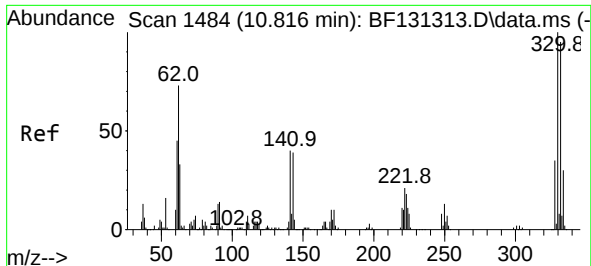
Tgt Ion: 82 Resp: 41037
Ion Ratio Lower Upper
82 100
128 39.9 31.4 47.0
54 62.3 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131449.D
Acq: 29 Nov 2022 01:49

Tgt Ion: 164 Resp: 201681
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 42.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 21.366 ng

RT: 10.804 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

BNA_F

ClientSampleId :

B-8S

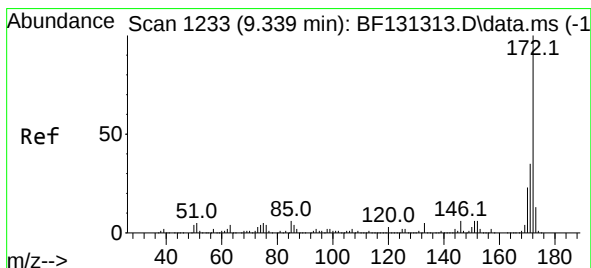
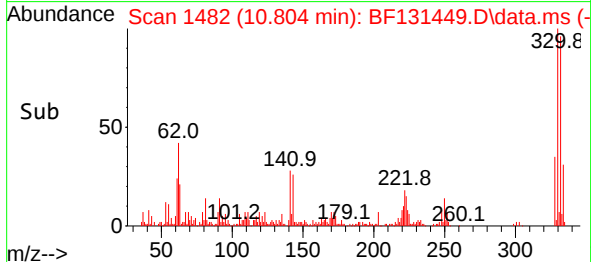
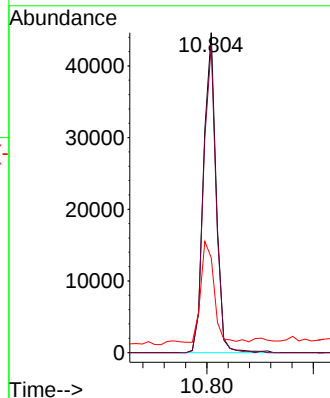
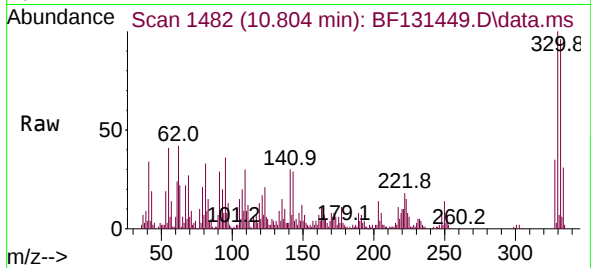
Tgt Ion:330 Resp: 36253

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 33.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 13.684 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

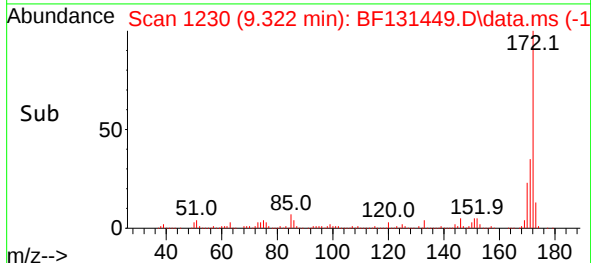
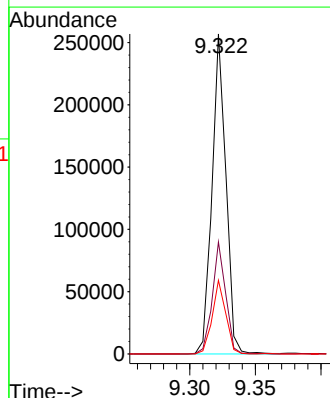
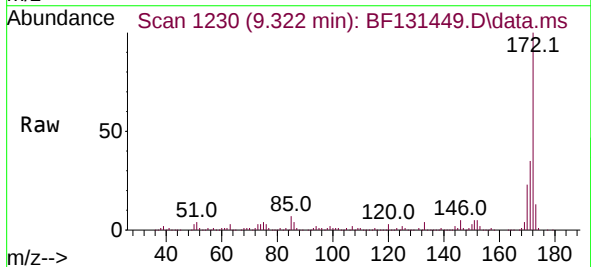
Tgt Ion:172 Resp: 189698

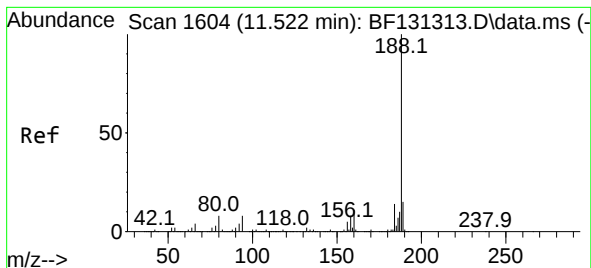
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.006 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

Instrument :

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ClientSampleId :

B-8S

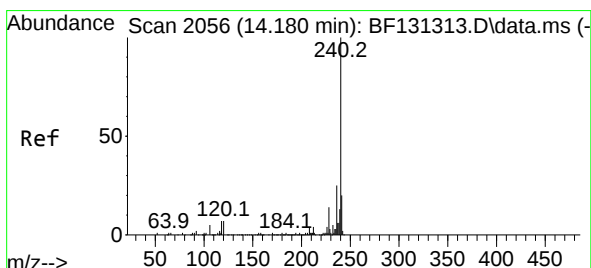
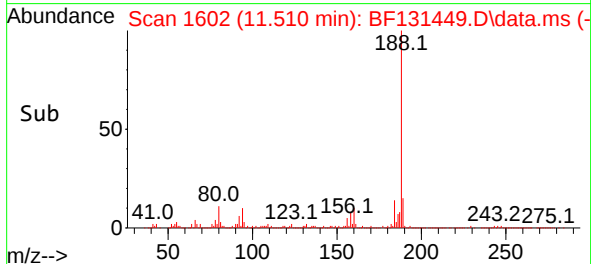
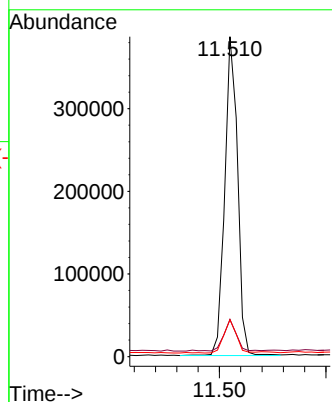
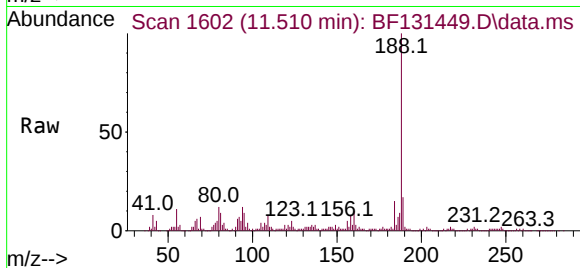
Tgt Ion:188 Resp: 324207

Ion Ratio Lower Upper

188 100

94 11.6 6.3 9.5#

80 11.6 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.012 min

Lab File: BF131449.D

Acq: 29 Nov 2022 01:49

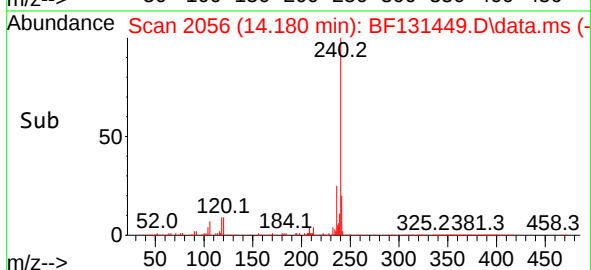
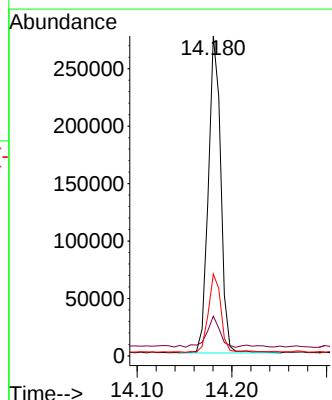
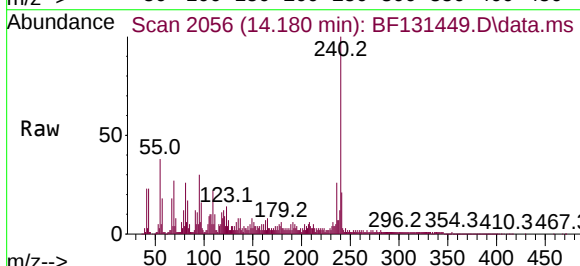
Tgt Ion:240 Resp: 252136

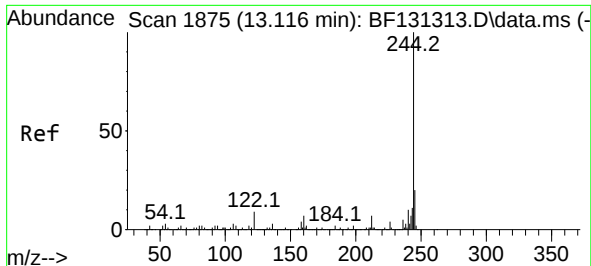
Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

236 25.6 20.3 30.5

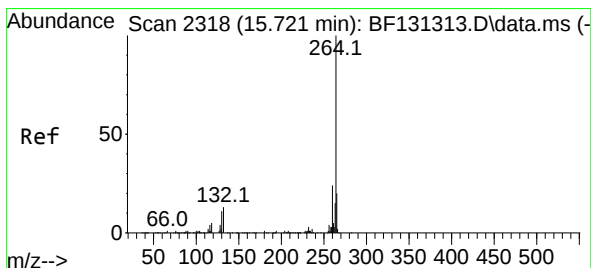
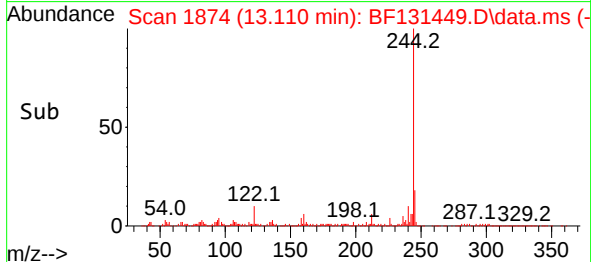
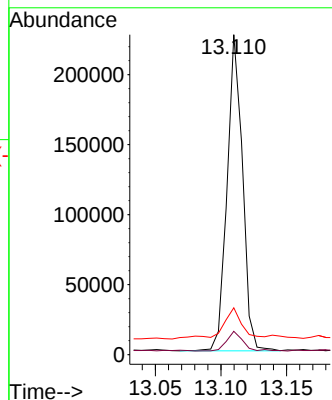
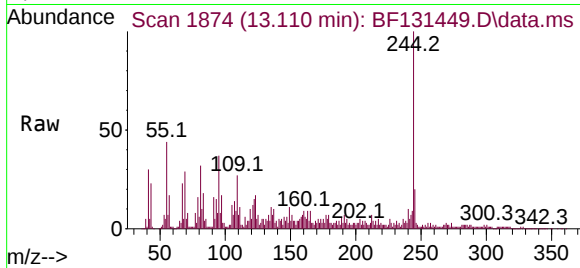




#79
 Terphenyl-d14
 Concen: 12.005 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

Instrument :
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 ClientSampleId :
 B-8S

Tgt Ion:244 Resp: 185105
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 14.6 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2320
 Delta R.T. 0.035 min
 Lab File: BF131449.D
 Acq: 29 Nov 2022 01:49

Tgt Ion:264 Resp: 194070
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.5 16.4 24.6

