

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131130.D
 Acq On : 10 Nov 2022 19:05
 Operator : CG\JU
 Sample : N5520-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124037

Quant Time: Nov 11 00:50:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

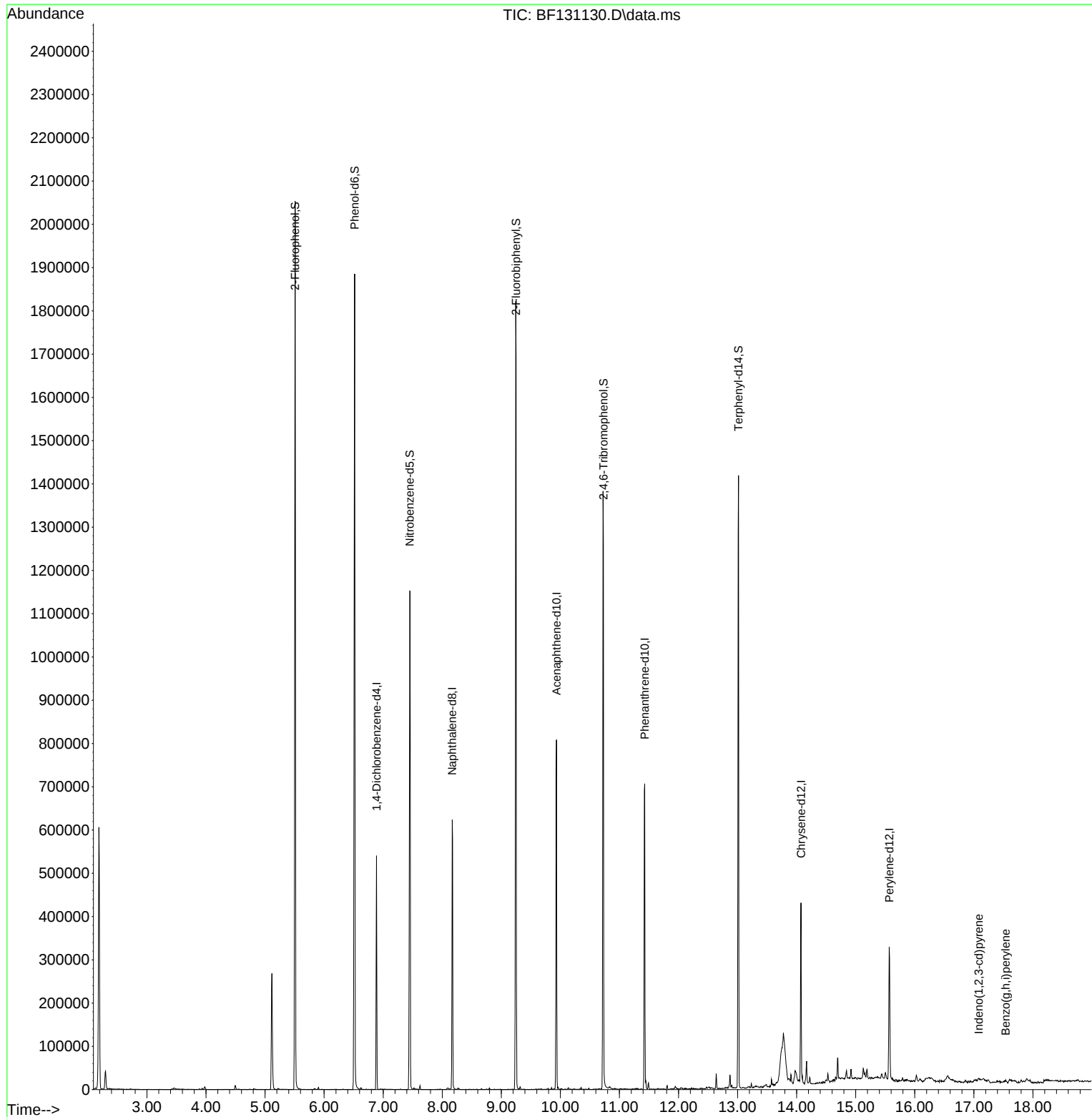
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	64975	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	268524	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	159673	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	262675	20.000	ng	0.00
76) Chrysene-d12	14.074	240	126860	20.000	ng	0.00
86) Perylene-d12	15.568	264	134909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	480549	125.776	ng	0.00
7) Phenol-d6	6.516	99	588640	117.845	ng	0.00
23) Nitrobenzene-d5	7.451	82	358859	60.297	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	159152	96.445	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	559281	48.896	ng	0.00
79) Terphenyl-d14	13.016	244	469318	64.864	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.080	276	4047	4.202	ng	# 93
92) Benzo(g,h,i)perylene	17.539	276	2871	4.641	ng	# 85

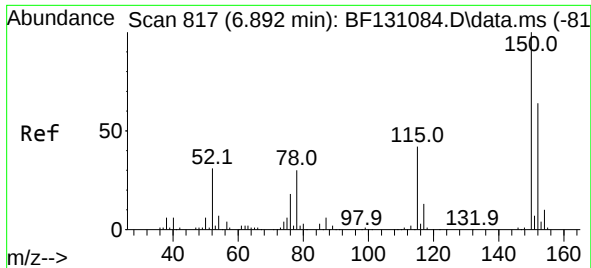
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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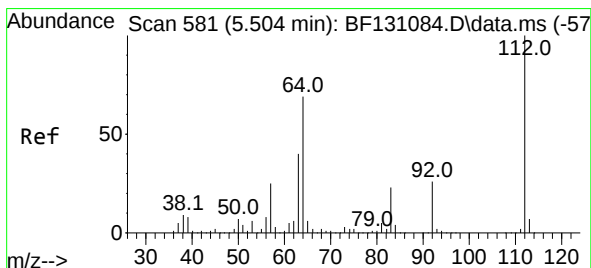
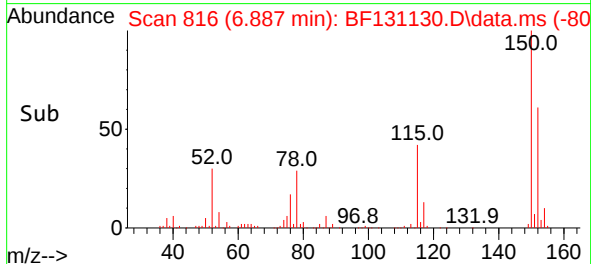
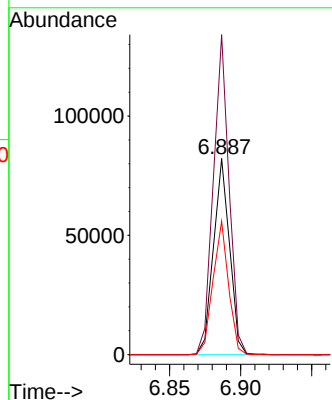
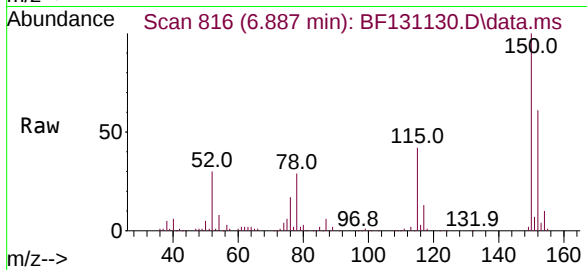




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

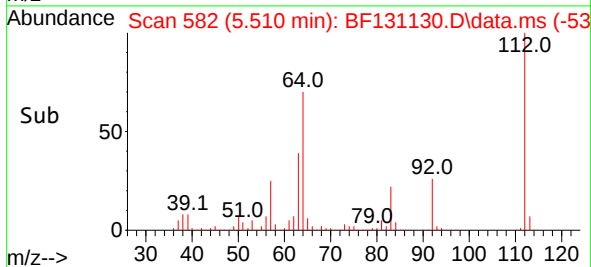
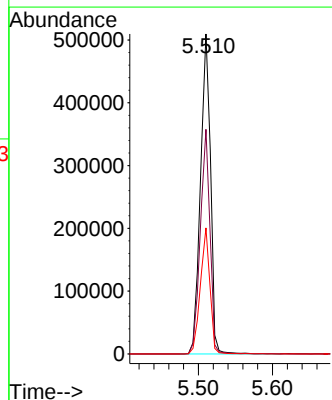
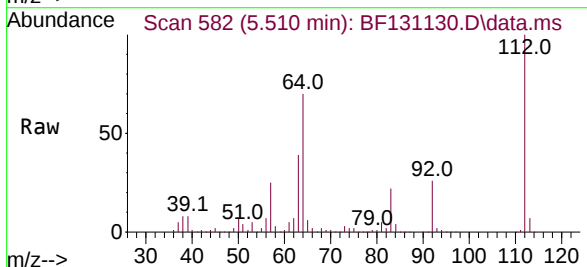
Instrument :
BNA_F
ClientSampleId :
124037

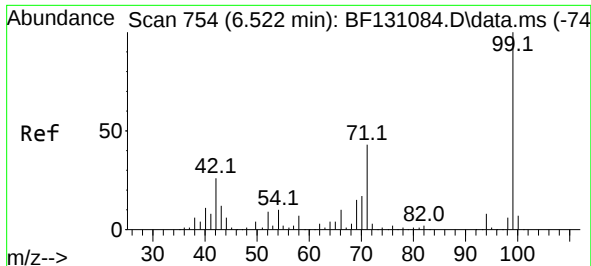
Tgt Ion:152 Resp: 64975
Ion Ratio Lower Upper
152 100
150 163.2 125.5 188.3
115 68.0 52.2 78.2



#5
2-Fluorophenol
Concen: 125.776 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion:112 Resp: 480549
Ion Ratio Lower Upper
112 100
64 70.2 55.1 82.7
63 39.4 32.4 48.6

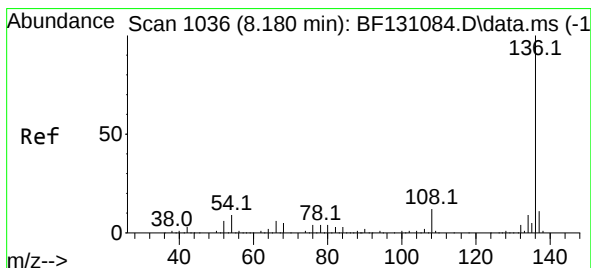
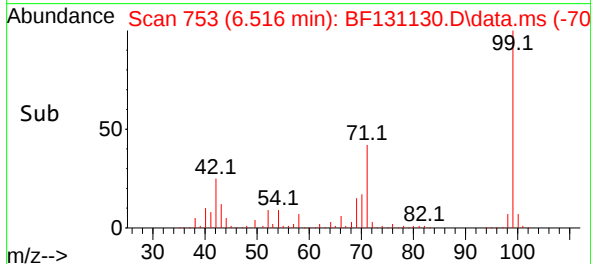
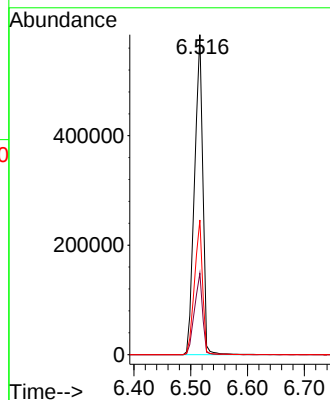
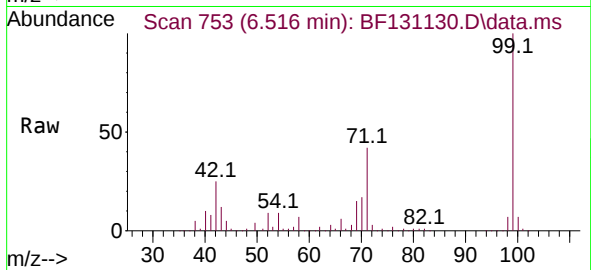




#7
Phenol-d6
Concen: 117.845 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

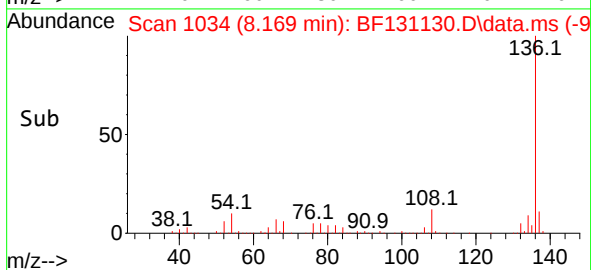
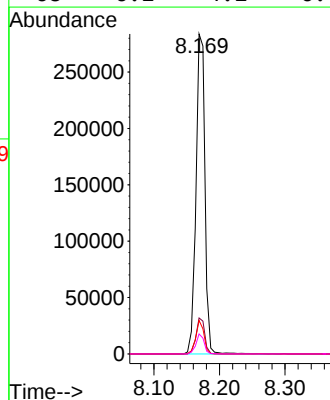
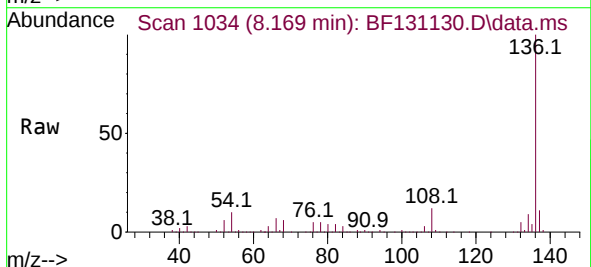
Instrument :
BNA_F
ClientSampleId :
124037

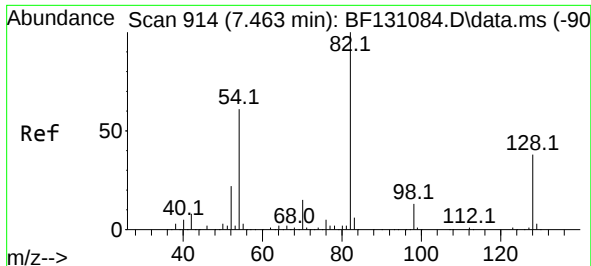
Tgt Ion: 99 Resp: 588640
Ion Ratio Lower Upper
99 100
42 25.4 20.8 31.2
71 42.1 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131130.D
Acq: 10 Nov 2022 19:05

Tgt Ion: 136 Resp: 268524
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.4 7.2 10.8
68 6.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 60.297 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

124037

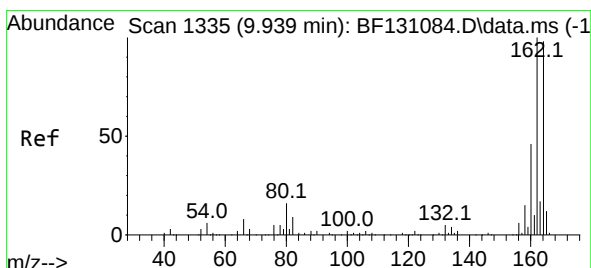
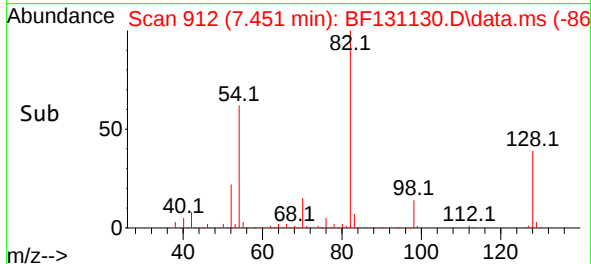
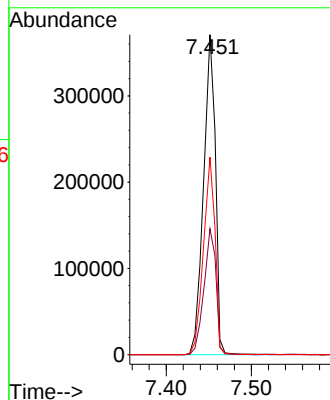
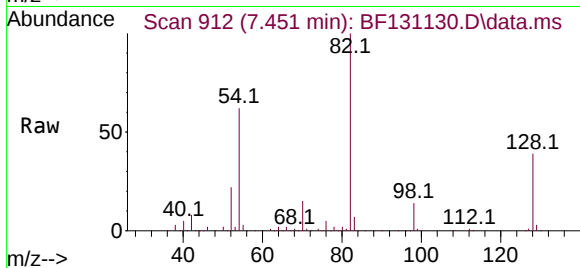
Tgt Ion: 82 Resp: 358859

Ion Ratio Lower Upper

82 100

128 39.3 30.5 45.7

54 61.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

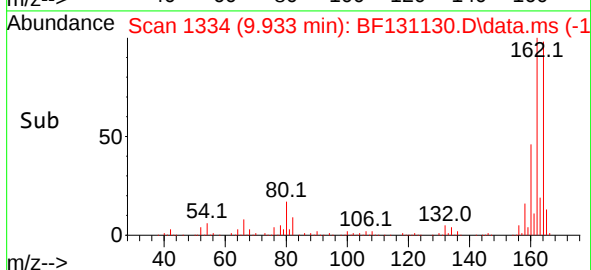
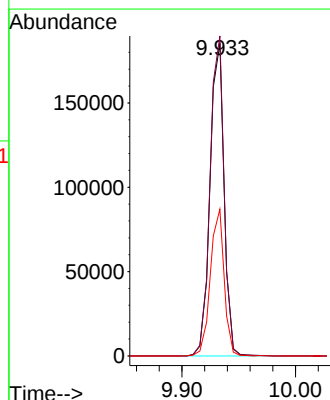
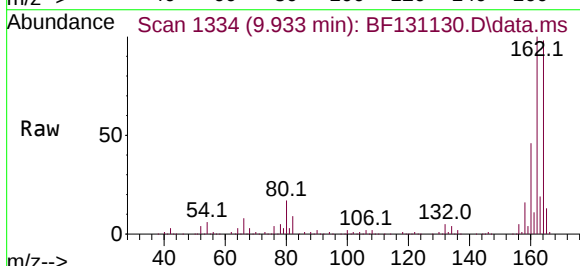
Tgt Ion:164 Resp: 159673

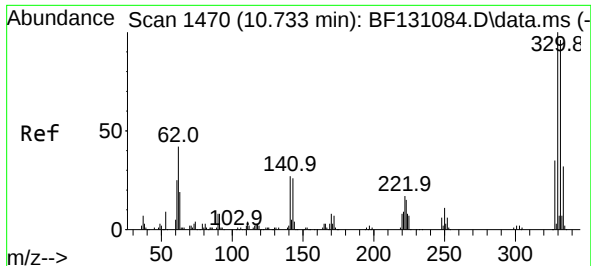
Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

160 46.9 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 96.445 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

124037

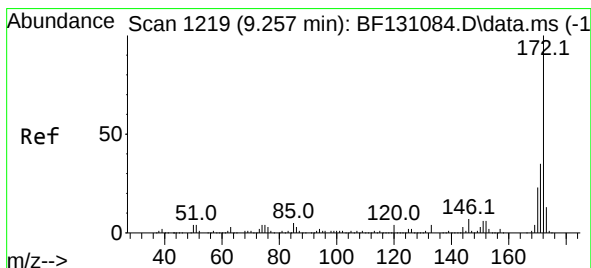
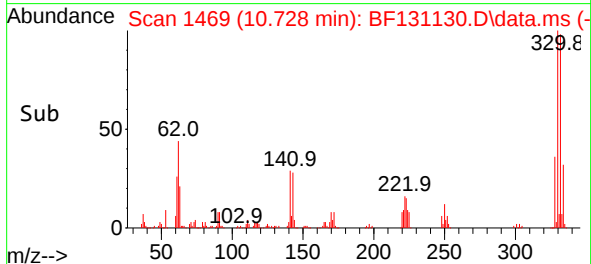
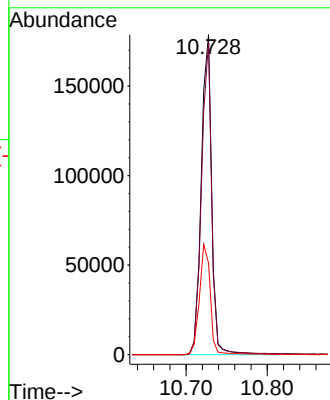
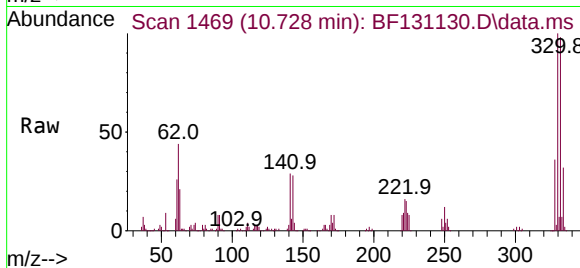
Tgt Ion:330 Resp: 159152

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.4

141 35.9 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 48.896 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

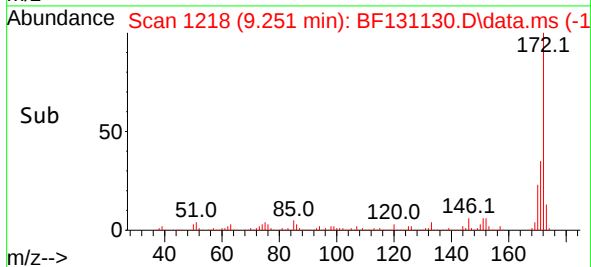
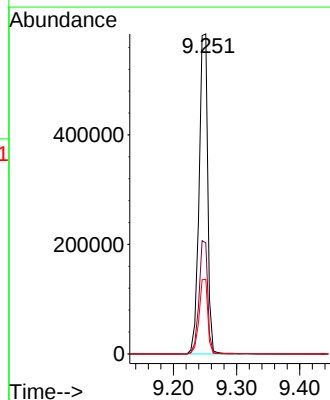
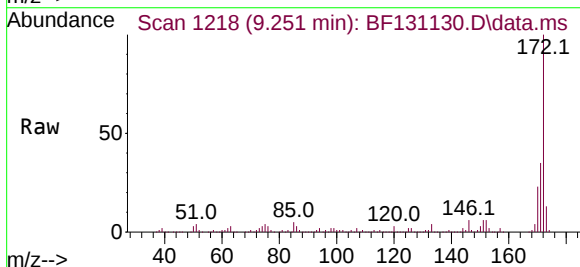
Tgt Ion:172 Resp: 559281

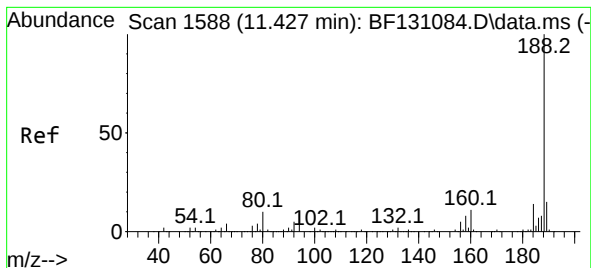
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

124037

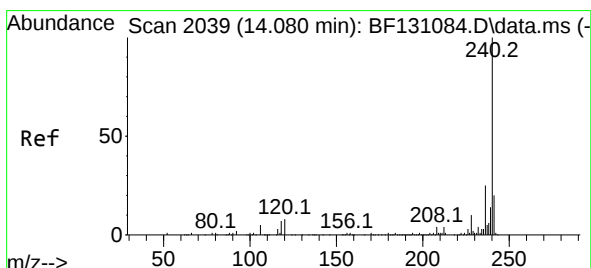
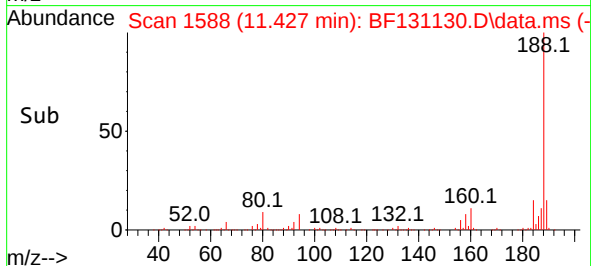
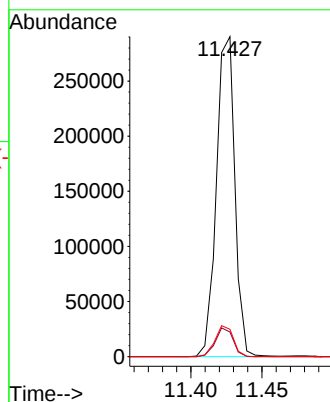
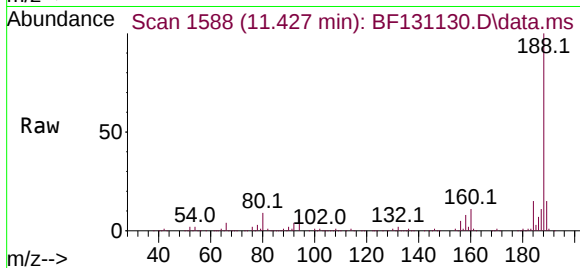
Tgt Ion:188 Resp: 262675

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

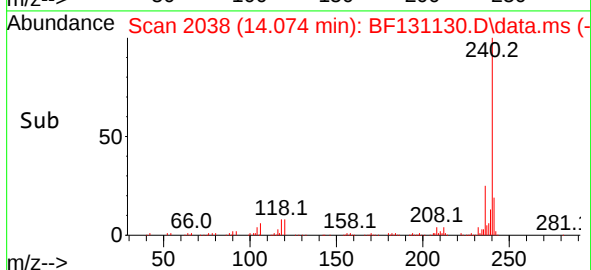
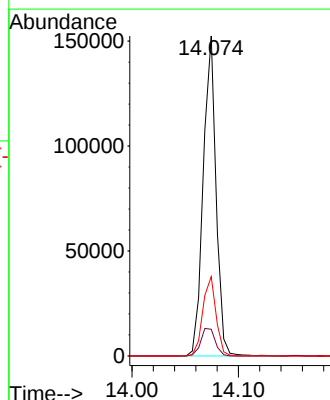
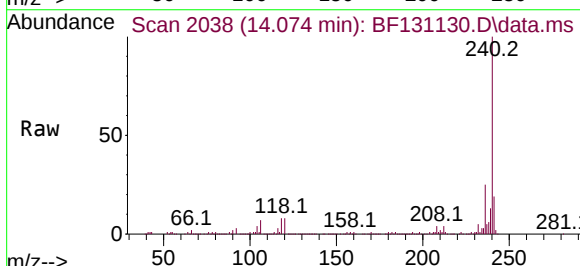
Tgt Ion:240 Resp: 126860

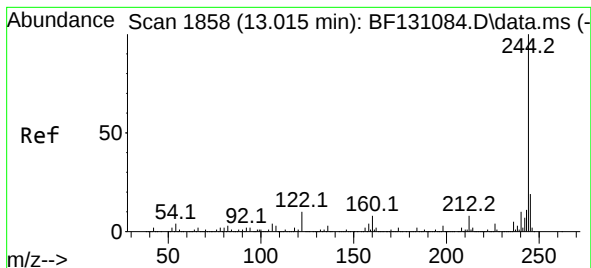
Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 24.8 19.7 29.5





#79

Terphenyl-d14

Concen: 64.864 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.001 min

Lab File: BF131130.D

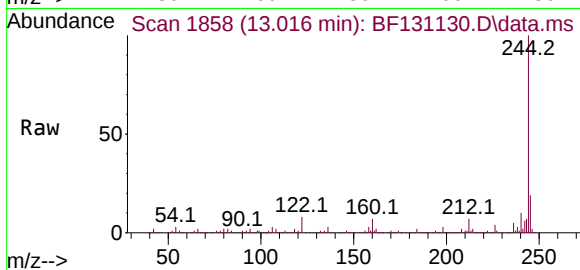
Acq: 10 Nov 2022 19:05

Instrument :

BNA_F

ClientSampleId :

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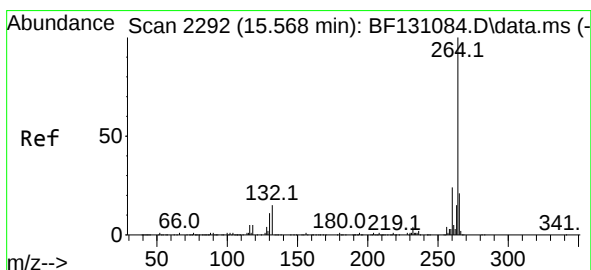
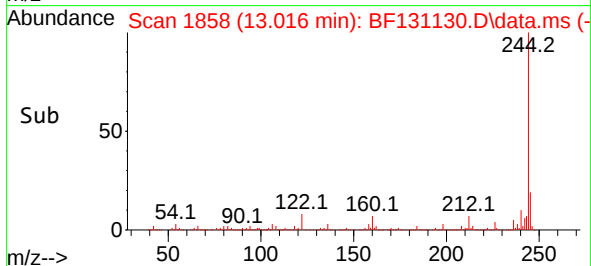
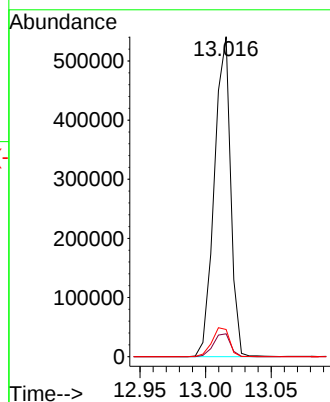
Tgt Ion:244 Resp: 469318

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

122 8.5 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF131130.D

Acq: 10 Nov 2022 19:05

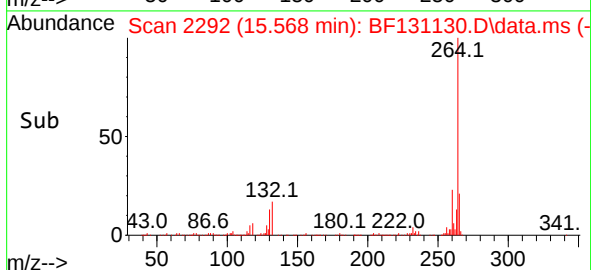
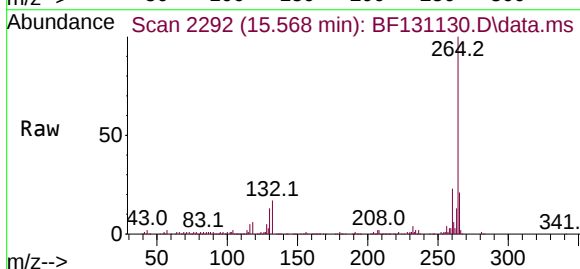
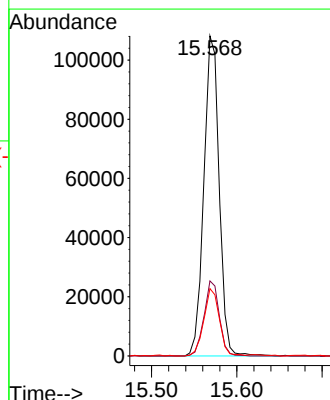
Tgt Ion:264 Resp: 134909

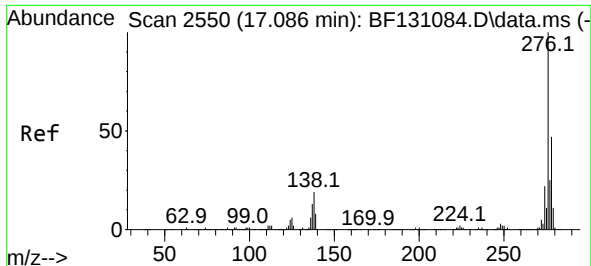
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.0 16.7 25.1

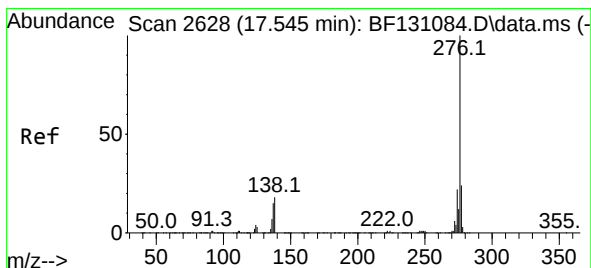
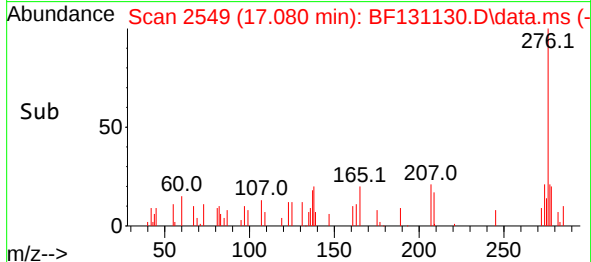
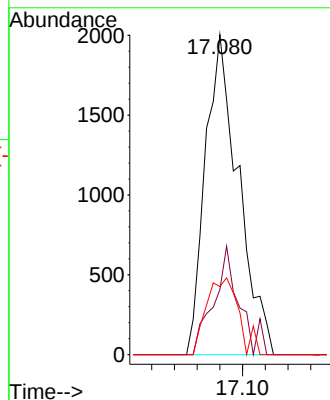
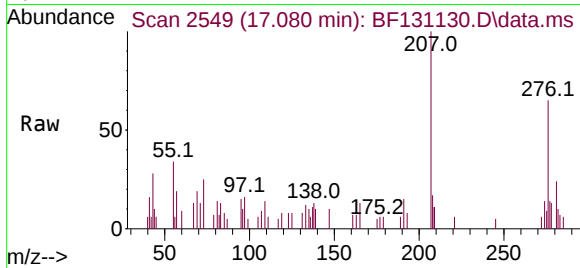




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.202 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

Instrument :
 BNA_F
 ClientSampleId :
 124037

Tgt Ion:276 Resp: 4047
 Ion Ratio Lower Upper
 276 100
 138 26.2 16.9 25.3#
 277 23.3 20.3 30.5



#92
 Benzo(g,h,i)perylene
 Concen: 4.641 ng
 RT: 17.539 min Scan# 2627
 Delta R.T. -0.006 min
 Lab File: BF131130.D
 Acq: 10 Nov 2022 19:05

Tgt Ion:276 Resp: 2871
 Ion Ratio Lower Upper
 276 100
 277 22.7 19.0 28.4
 138 32.5 14.6 21.8#

