

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131133.D
 Acq On : 10 Nov 2022 20:39
 Operator : CG\JU
 Sample : N5520-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Nov 11 00:51:11 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)

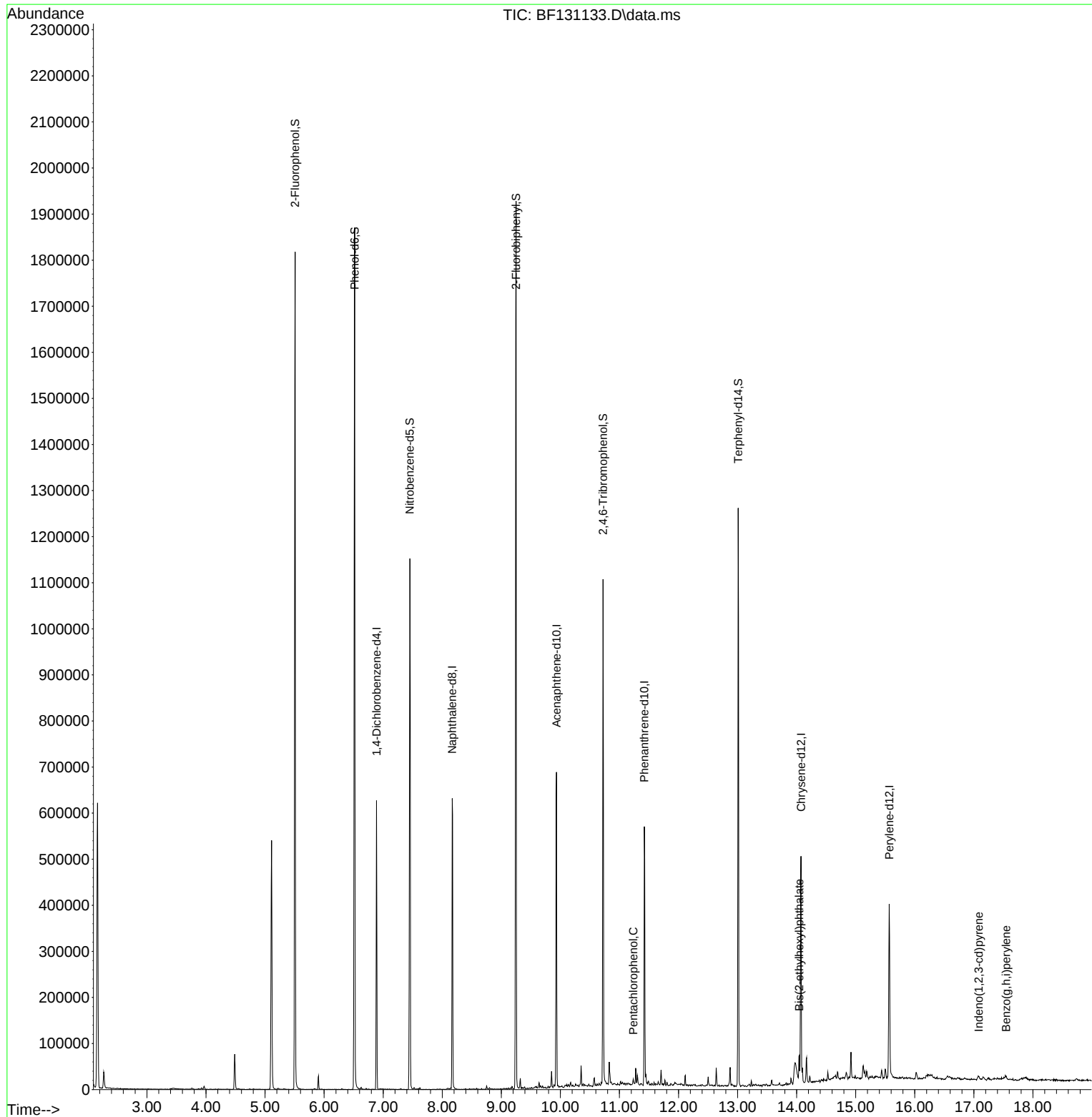
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	77348	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	271240	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	136623	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	202481	20.000	ng	0.00
76) Chrysene-d12	14.074	240	161994	20.000	ng	0.00
86) Perylene-d12	15.568	264	162858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	432861	95.171	ng	0.00
7) Phenol-d6	6.516	99	563808	94.818	ng	0.00
23) Nitrobenzene-d5	7.451	82	353641	58.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	113323	80.259	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	568062	58.043	ng	0.00
79) Terphenyl-d14	13.010	244	401699	43.477	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.233	266	2193	7.098	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.045	149	14599	2.718	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	5213	4.225	ng	# 95
92) Benzo(g,h,i)perylene	17.545	276	4998	4.763	ng	# 90

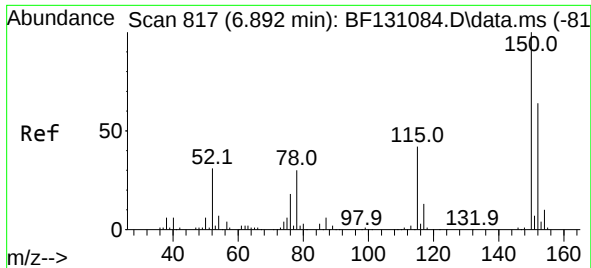
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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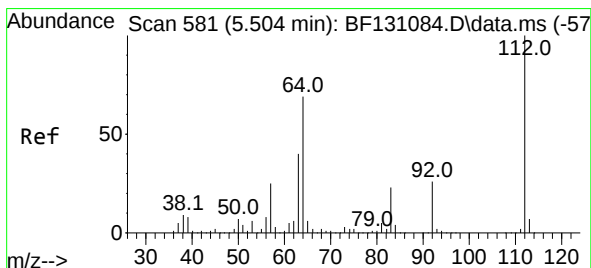
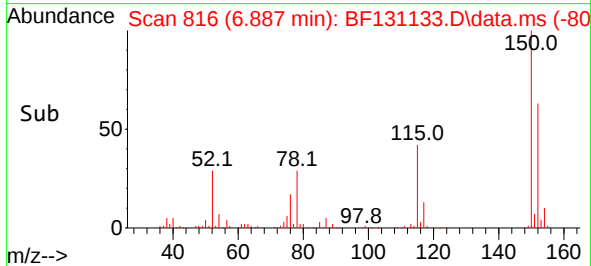
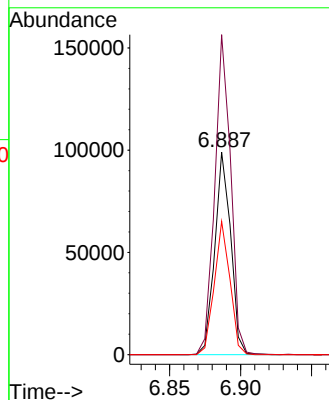
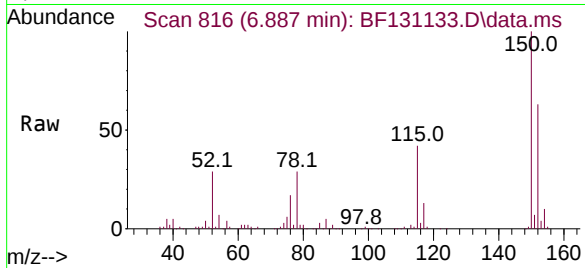




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

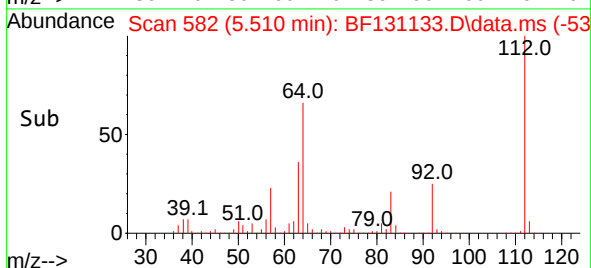
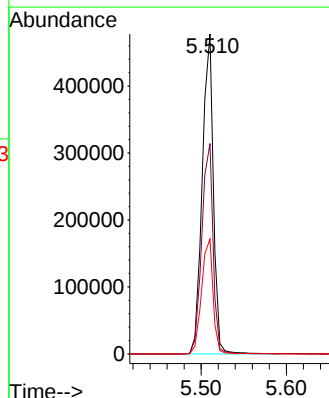
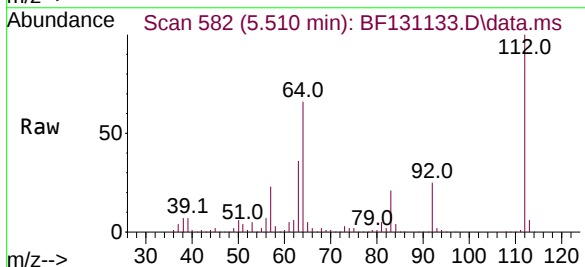
Instrument :
 BNA_F
 ClientSampleId :
 124042

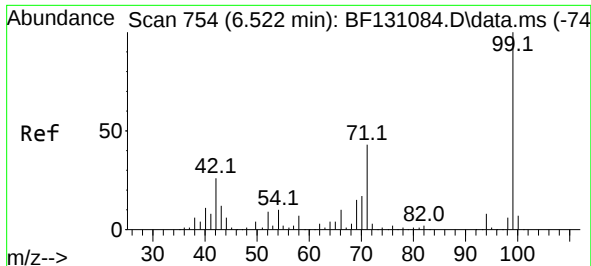
Tgt Ion:152 Resp: 77348
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.5 188.3
 115 65.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 95.171 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Tgt Ion:112 Resp: 432861
 Ion Ratio Lower Upper
 112 100
 64 65.7 55.1 82.7
 63 35.9 32.4 48.6





#7

Phenol-d6

Concen: 94.818 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

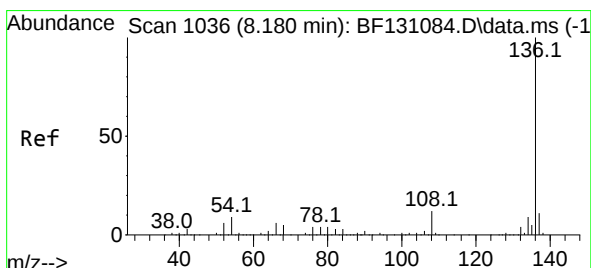
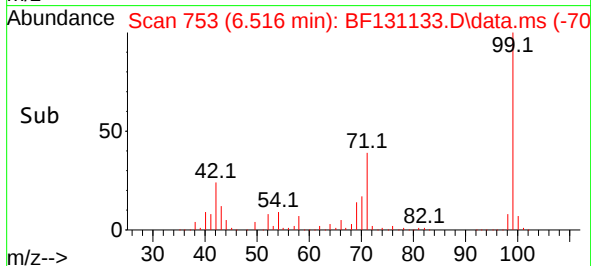
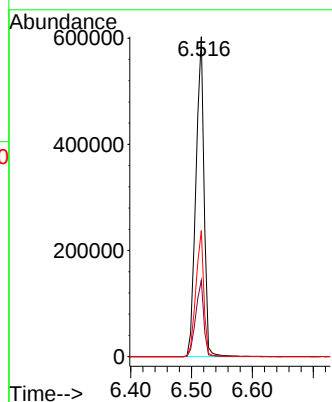
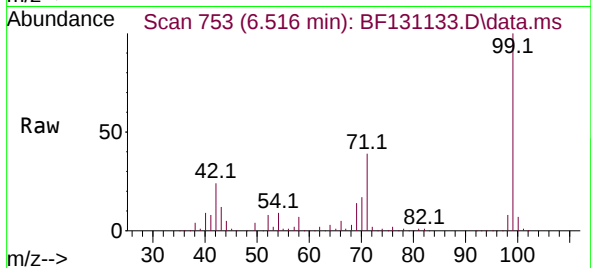
Tgt Ion: 99 Resp: 563808

Ion Ratio Lower Upper

99 100

42 23.8 20.8 31.2

71 39.4 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: BF131133.D

Acq: 10 Nov 2022 20:39

Tgt Ion:136 Resp: 271240

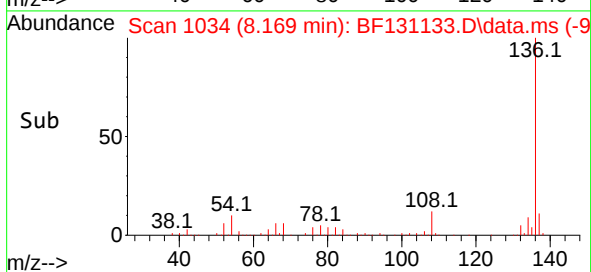
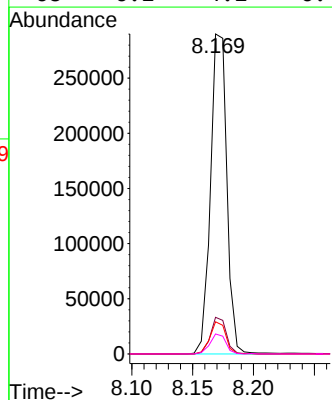
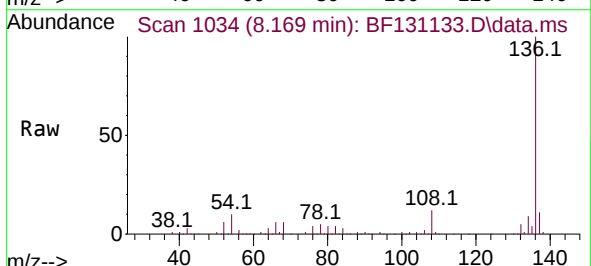
Ion Ratio Lower Upper

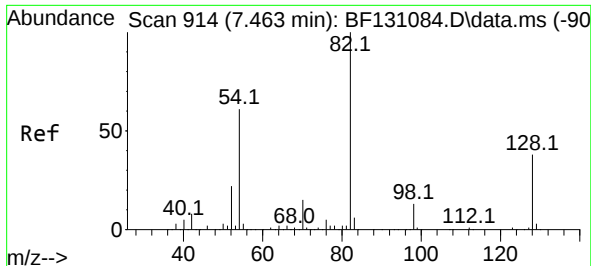
136 100

137 11.4 8.6 12.8

54 10.0 7.2 10.8

68 6.2 4.2 6.4

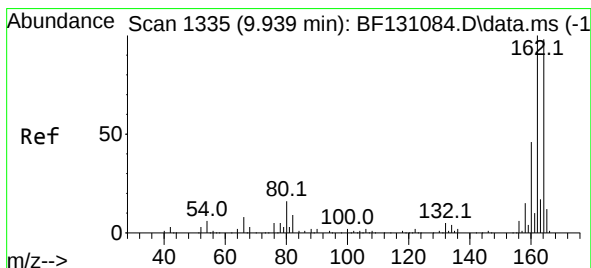
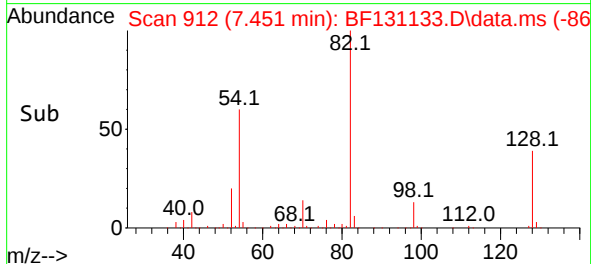
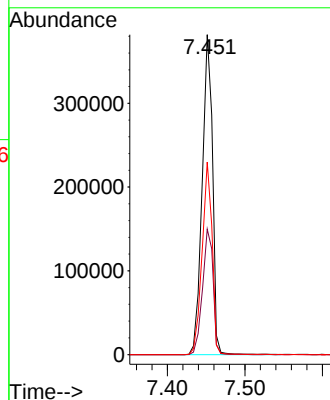
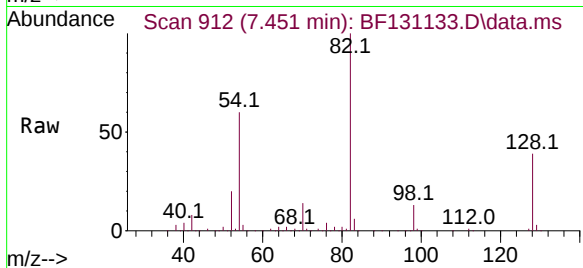




#23
Nitrobenzene-d5
Concen: 58.826 ng
RT: 7.451 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

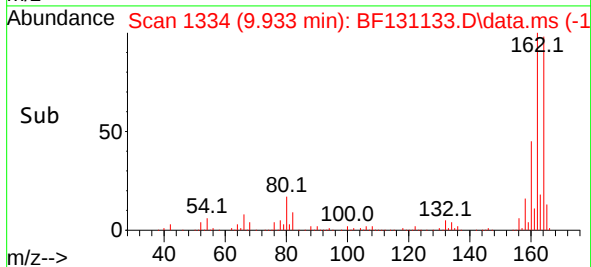
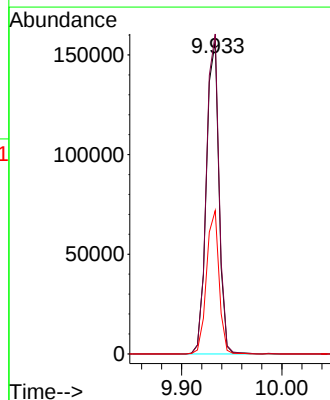
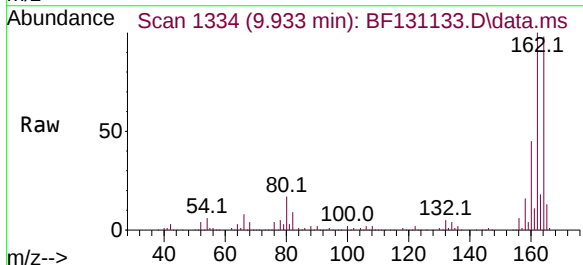
Instrument :
BNA_F
ClientSampleId :
124042

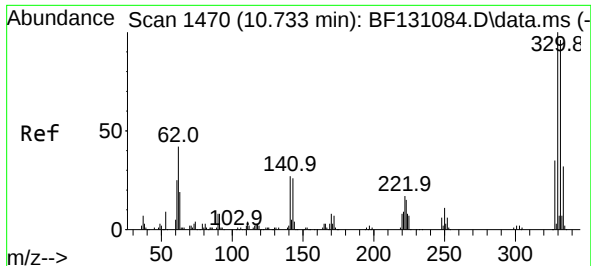
Tgt Ion: 82 Resp: 353641
Ion Ratio Lower Upper
82 100
128 39.2 30.5 45.7
54 60.2 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion:164 Resp: 136623
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 45.8 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 80.259 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

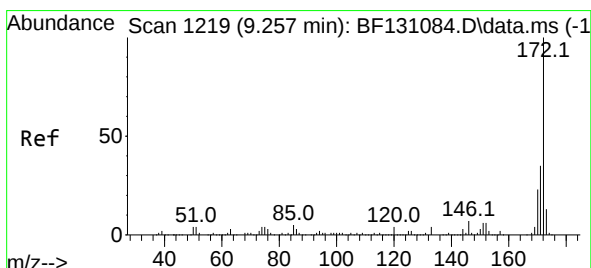
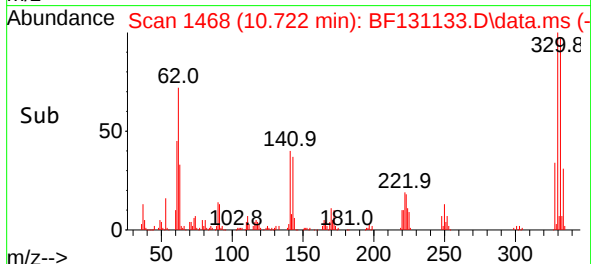
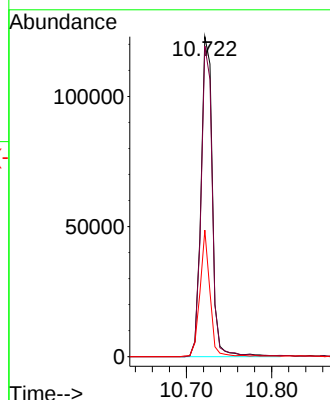
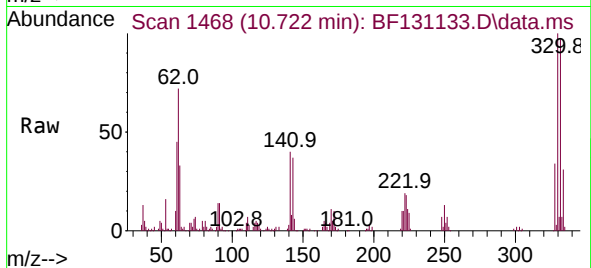
Tgt Ion:330 Resp: 113323

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 35.3 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 58.043 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

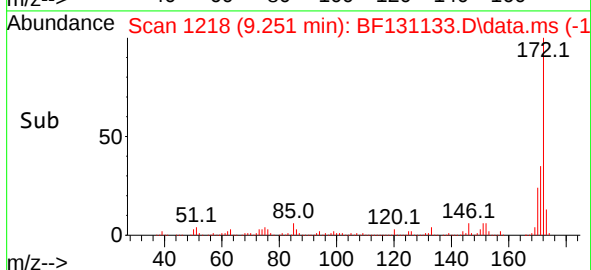
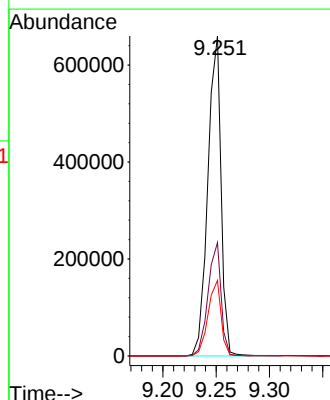
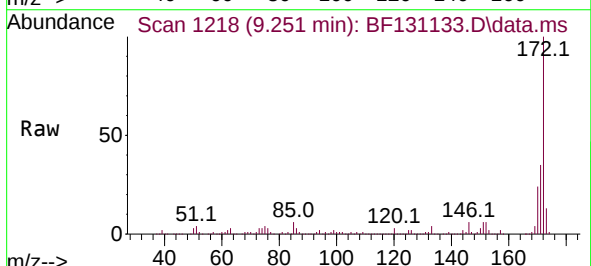
Tgt Ion:172 Resp: 568062

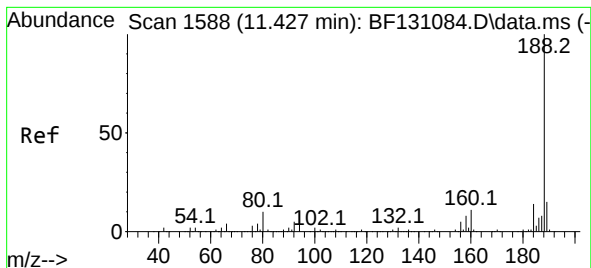
Ion Ratio Lower Upper

172 100

171 35.4 27.7 41.5

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

Instrument :

BNA_F

ClientSampleId :

124042

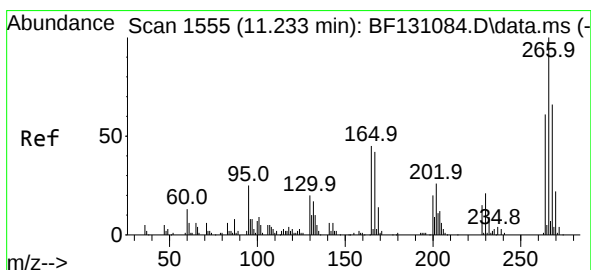
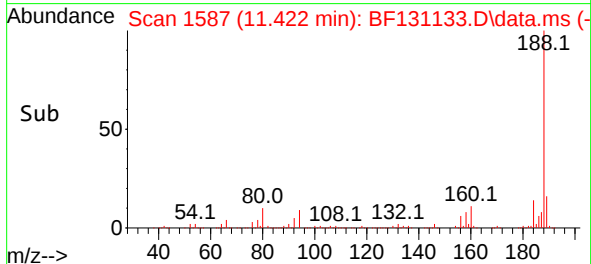
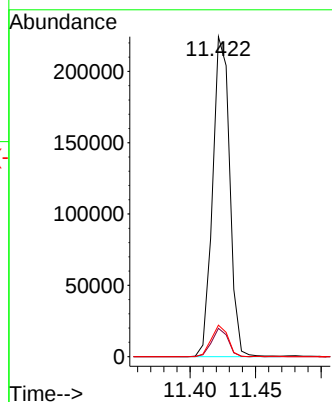
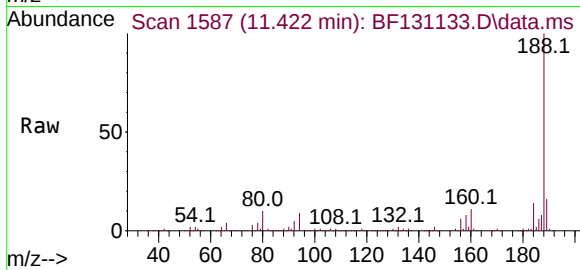
Tgt Ion:188 Resp: 202481

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.8 7.9 11.9



#70

Pentachlorophenol

Concen: 7.098 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF131133.D

Acq: 10 Nov 2022 20:39

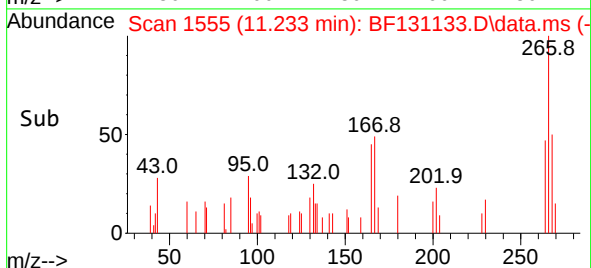
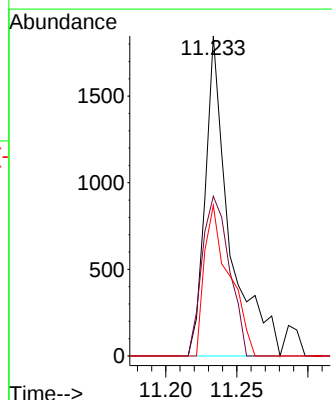
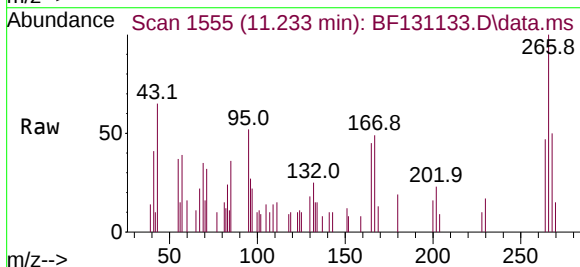
Tgt Ion:266 Resp: 2193

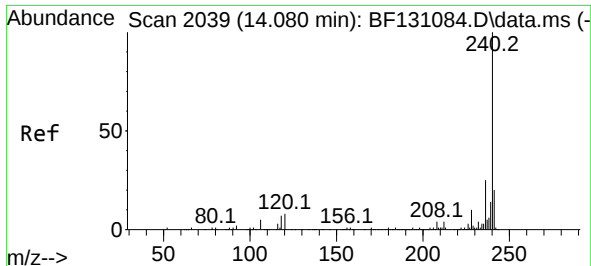
Ion Ratio Lower Upper

266 100

268 49.9 52.5 78.7#

264 47.0 48.6 72.8#

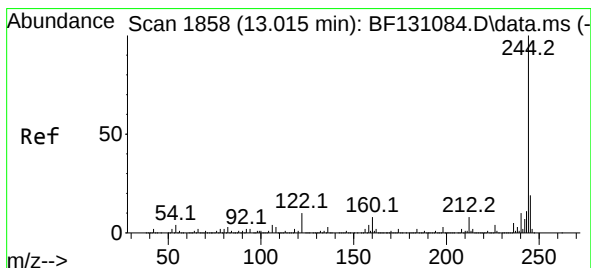
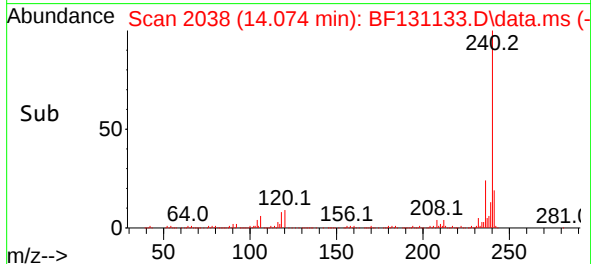
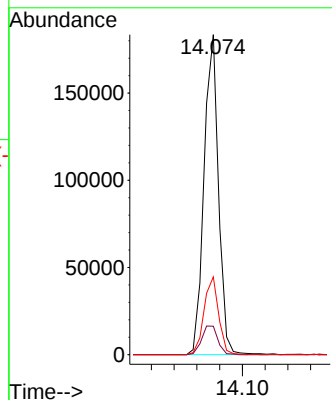
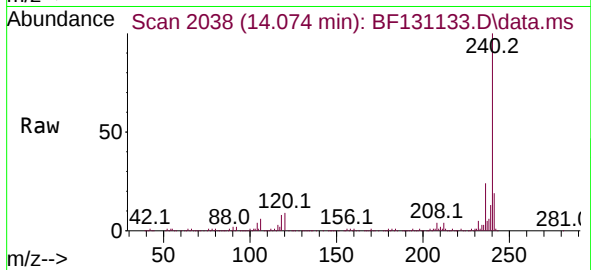




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

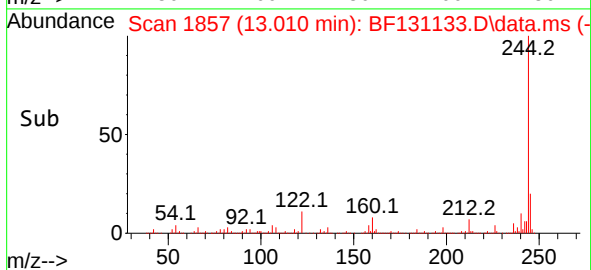
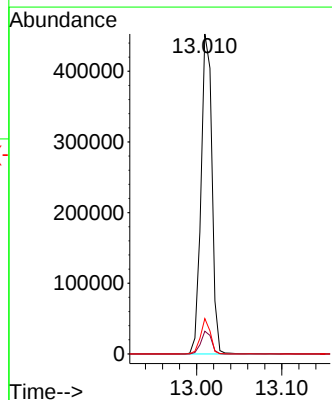
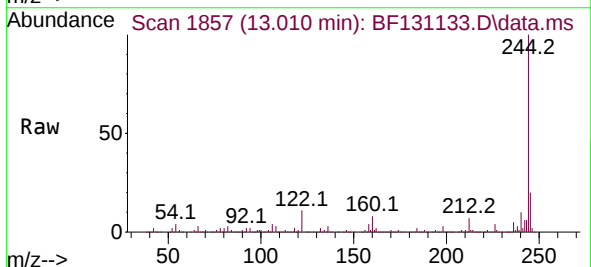
Instrument :
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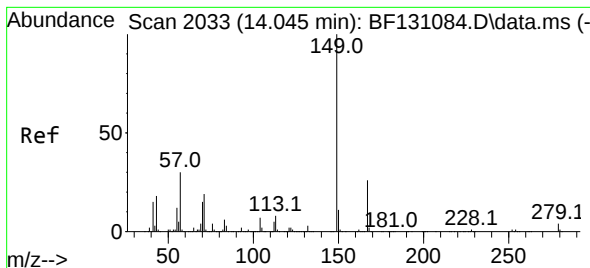
Tgt Ion:240 Resp: 161994
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 24.3 19.7 29.5



#79
Terphenyl-d14
Concen: 43.477 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BF131133.D
Acq: 10 Nov 2022 20:39

Tgt Ion:244 Resp: 401699
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 11.0 7.8 11.8

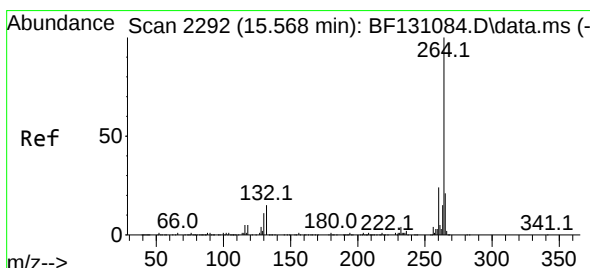
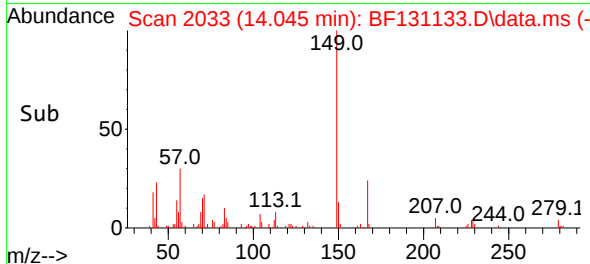
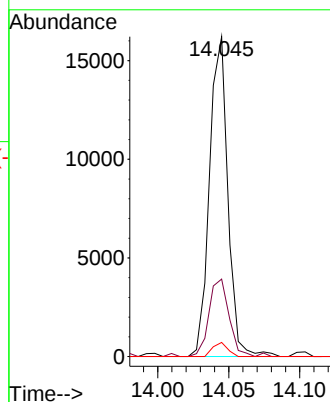
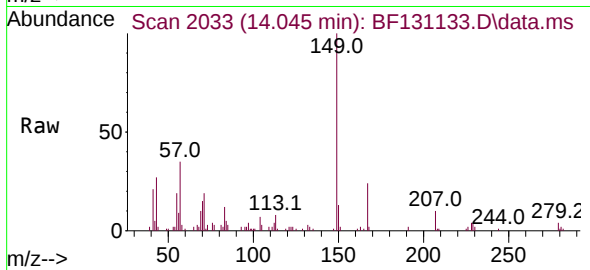




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.718 ng
 RT: 14.045 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

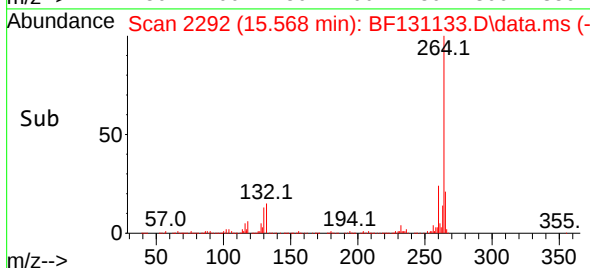
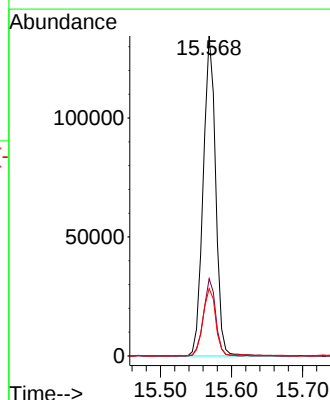
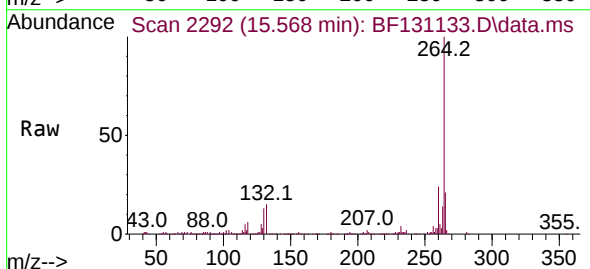
Instrument :
 BNA_F
 ClientSampleId :
 124042

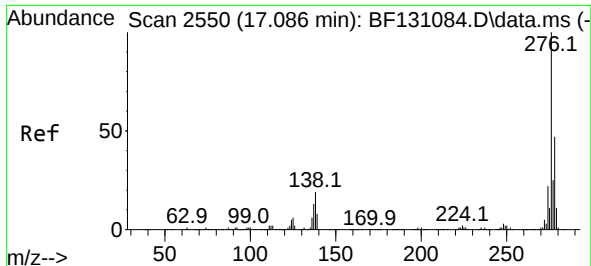
Tgt Ion:149 Resp: 14599
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.8 31.2
 279 4.4 3.4 5.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Tgt Ion:264 Resp: 162858
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.1 16.7 25.1

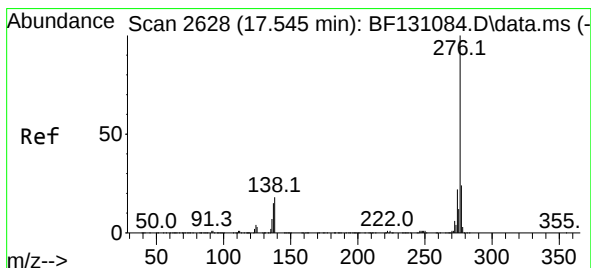
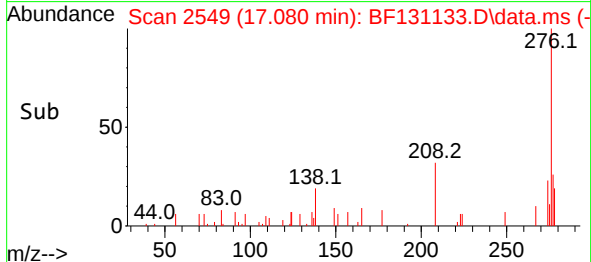
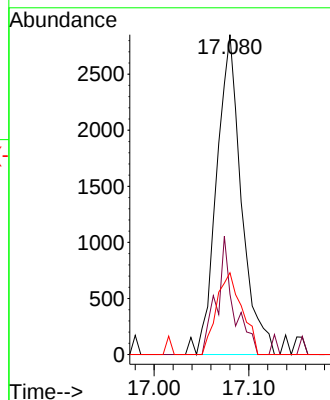
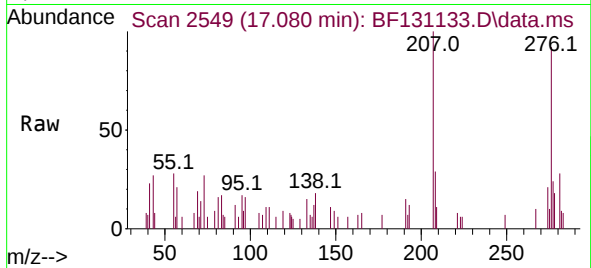




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.225 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Instrument :
 BNA_F
 ClientSampleId :
 124042

Tgt Ion:276 Resp: 5213
 Ion Ratio Lower Upper
 276 100
 138 25.5 16.9 25.3#
 277 26.3 20.3 30.5



#92
 Benzo(g,h,i)perylene
 Concen: 4.763 ng
 RT: 17.545 min Scan# 2628
 Delta R.T. -0.000 min
 Lab File: BF131133.D
 Acq: 10 Nov 2022 20:39

Tgt Ion:276 Resp: 4998
 Ion Ratio Lower Upper
 276 100
 277 20.6 19.0 28.4
 138 24.3 14.6 21.8#

