

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131116.D
 Acq On : 10 Nov 2022 11:12
 Operator : CG\JU
 Sample : PB148898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148898BL

Quant Time: Nov 11 00:46:01 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)

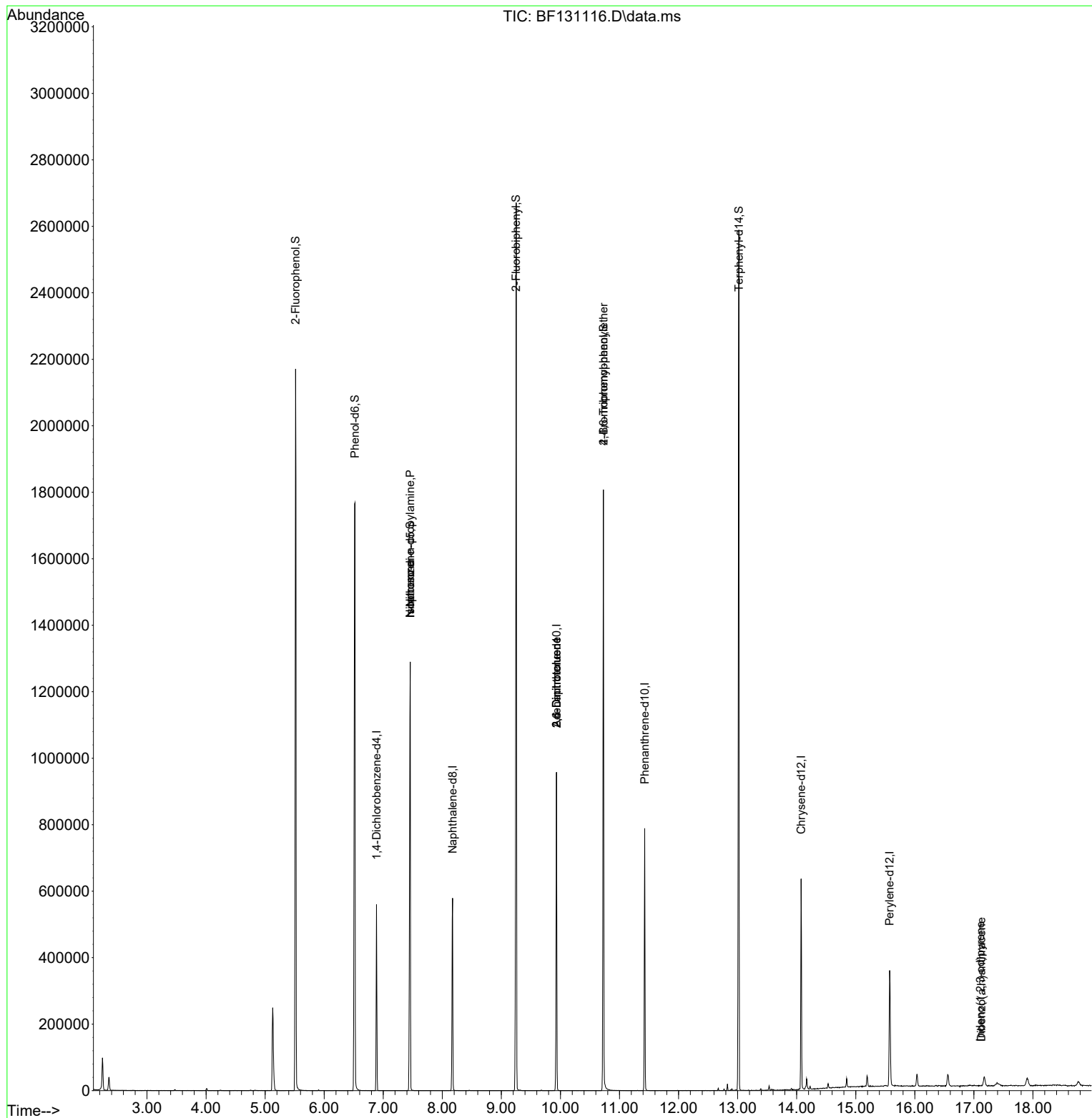
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	68722	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	265971	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	186104	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	261276	20.000	ng	0.00
76) Chrysene-d12	14.074	240	207820	20.000	ng	0.00
86) Perylene-d12	15.574	264	153865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	568950	140.794	ng	0.01
7) Phenol-d6	6.522	99	649017	122.848	ng	0.00
23) Nitrobenzene-d5	7.457	82	437193	74.165	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	206547	107.390	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	796407	59.739	ng	0.00
79) Terphenyl-d14	13.021	244	852403	71.915	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	61276	17.665	ng	# 75
25) Isophorone	7.457	82	437187	47.965	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	24349	8.369	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	24349	6.296	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	12923	4.374	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.109	276	74	3.870	ng	# 52
91) Dibenzo(a,h)anthracene	17.127	278	56	3.844	ng	# 57

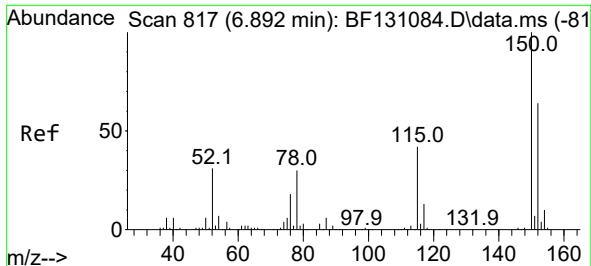
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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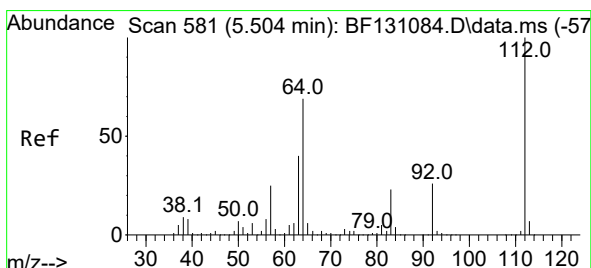
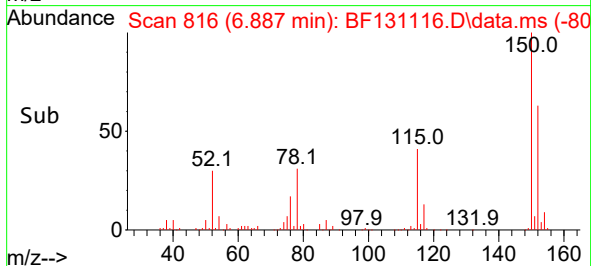
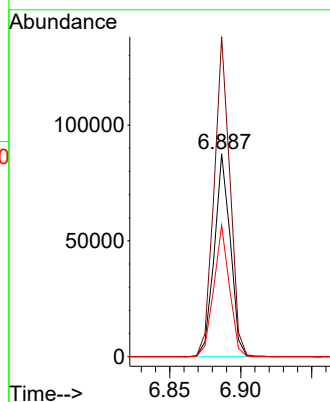
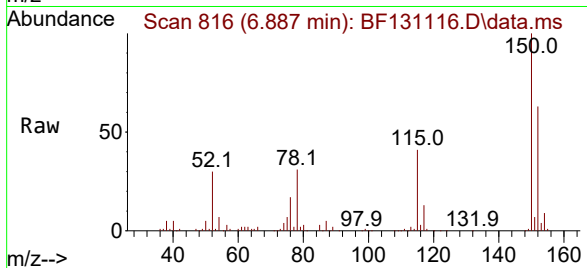




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

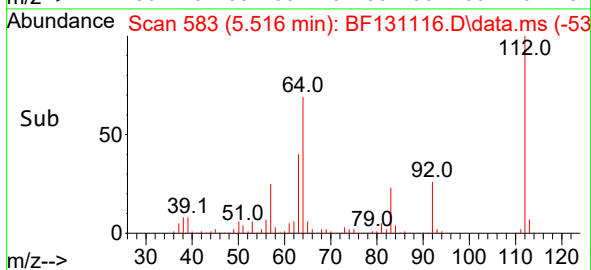
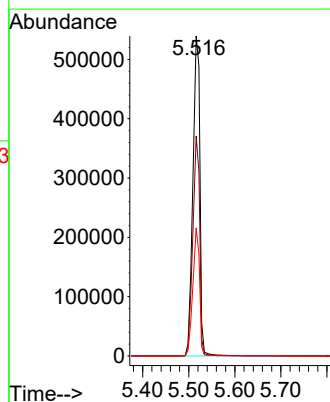
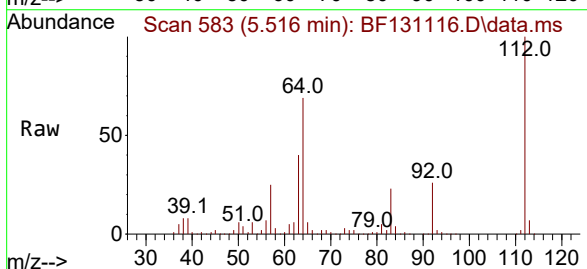
Instrument :
BNA_F
ClientSampleId :
PB148898BL

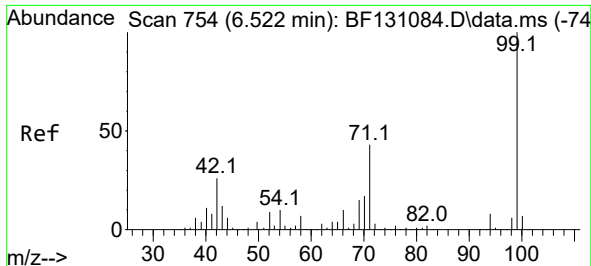
Tgt Ion:152 Resp: 68722
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 64.7 52.2 78.2



#5
2-Fluorophenol
Concen: 140.794 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

Tgt Ion:112 Resp: 568950
Ion Ratio Lower Upper
112 100
64 68.7 55.1 82.7
63 40.1 32.4 48.6

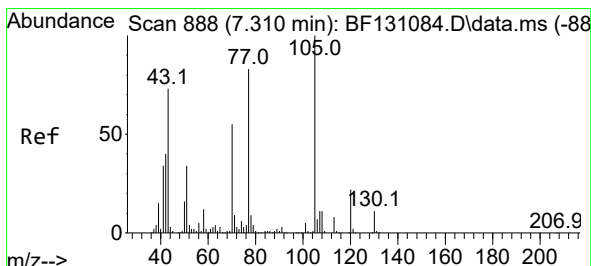
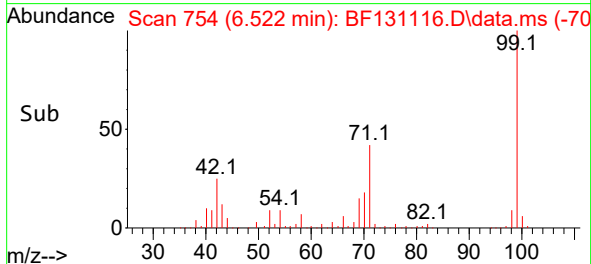
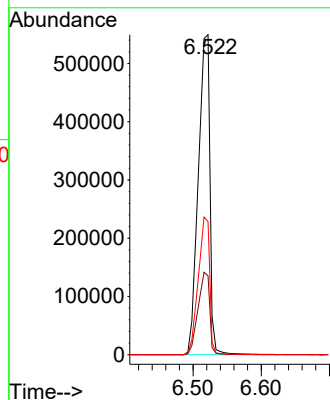
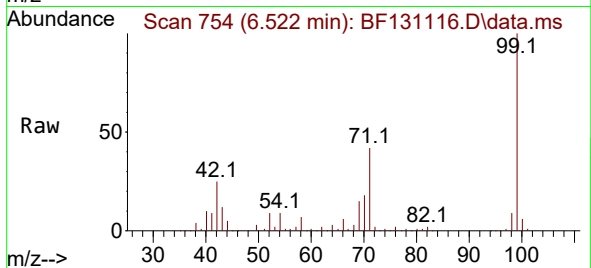




#7
Phenol-d6
Concen: 122.848 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

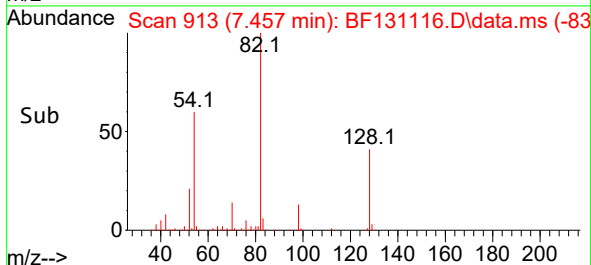
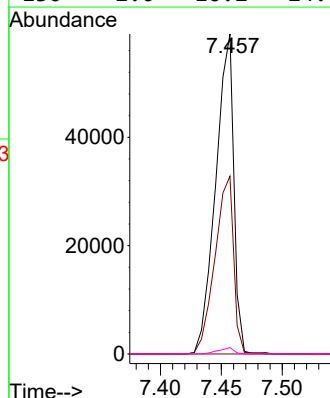
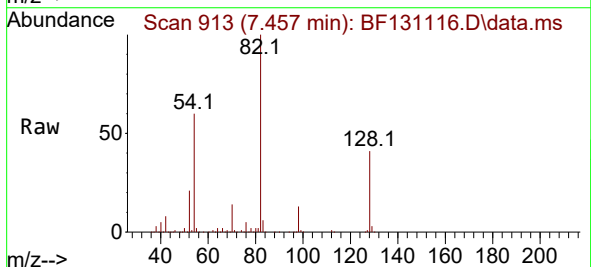
Instrument :
BNA_F
ClientSampleId :
PB148898BL

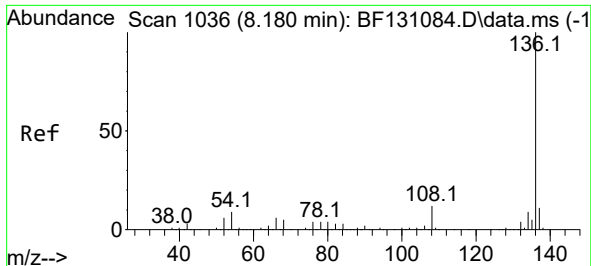
Tgt Ion: 99 Resp: 649017
Ion Ratio Lower Upper
99 100
42 24.6 20.8 31.2
71 41.6 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.665 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

Tgt Ion: 70 Resp: 61276
Ion Ratio Lower Upper
70 100
42 55.6 58.3 87.5#
101 0.0 7.4 11.2#
130 2.0 16.2 24.4#

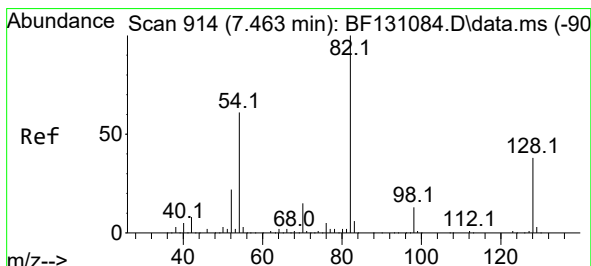
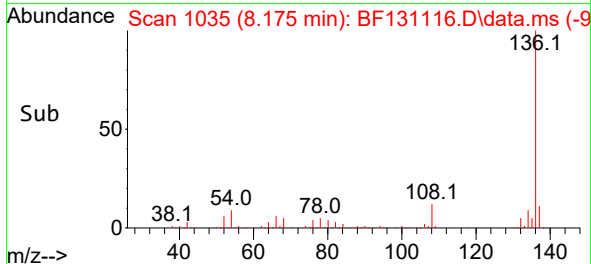
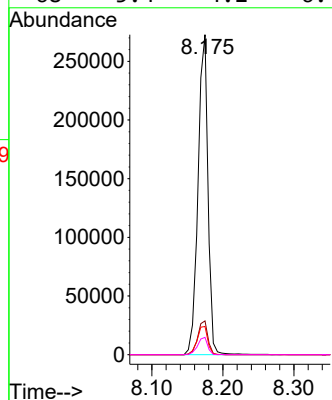
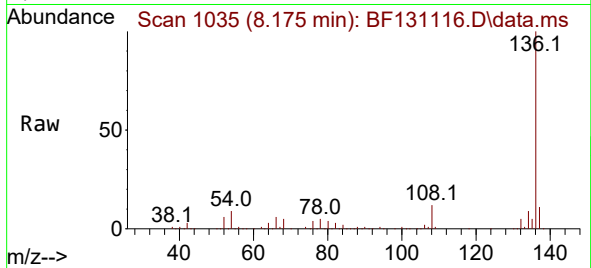




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

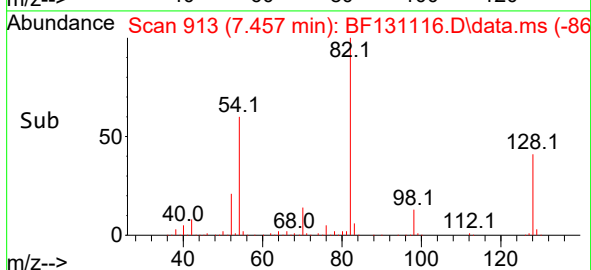
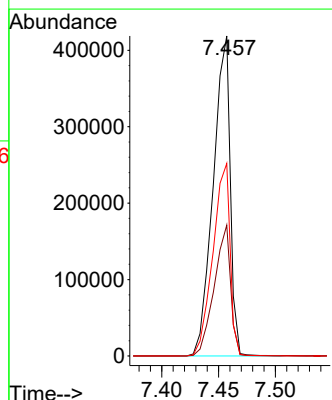
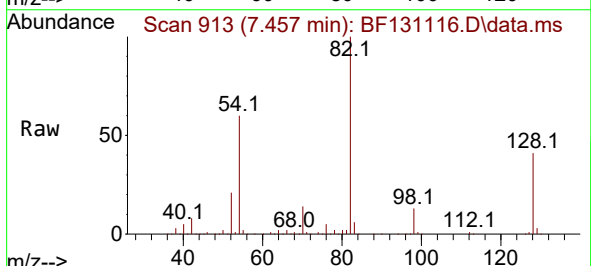
Instrument :
BNA_F
ClientSampleId :
PB148898BL

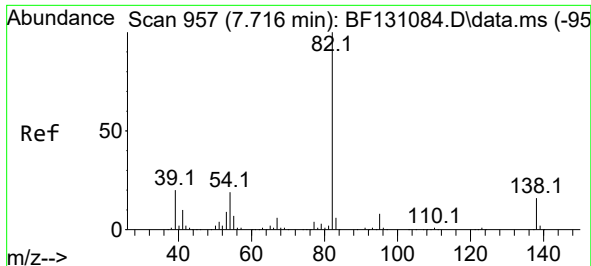
Tgt Ion:136 Resp: 265971
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.8 7.2 10.8
68 5.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 74.165 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

Tgt Ion: 82 Resp: 437193
Ion Ratio Lower Upper
82 100
128 40.9 30.5 45.7
54 60.2 49.1 73.7

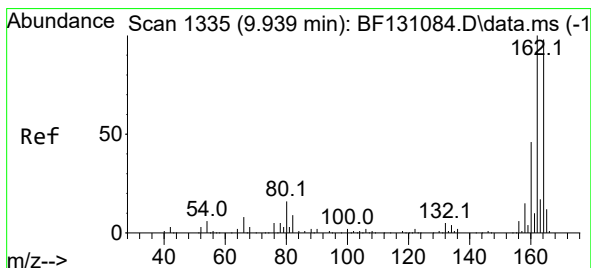
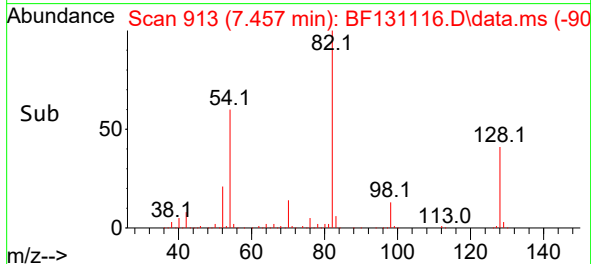
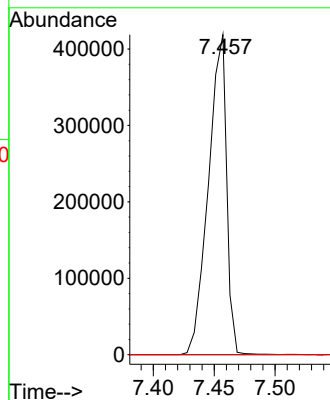
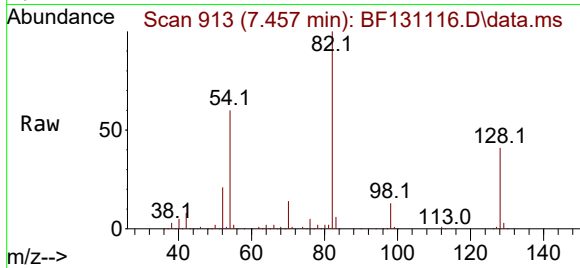




#25
Isophorone
Concen: 47.965 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

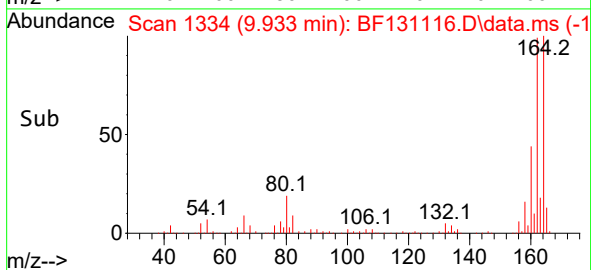
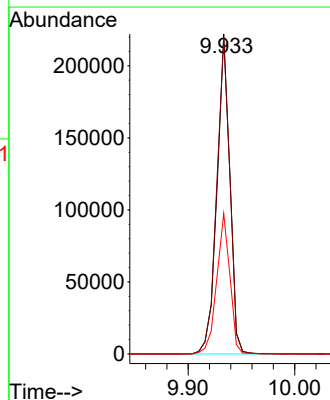
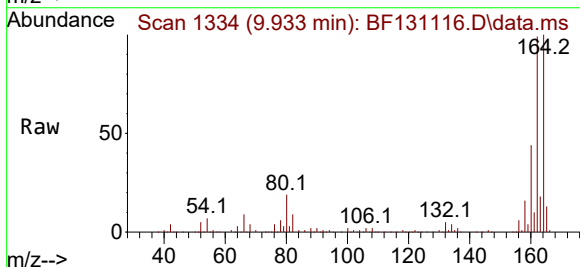
Instrument :
BNA_F
ClientSampleId :
PB148898BL

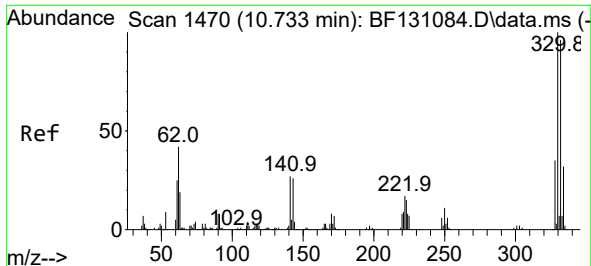
Tgt Ion: 82 Resp: 437187
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

Tgt Ion:164 Resp: 186104
Ion Ratio Lower Upper
164 100
162 99.0 81.7 122.5
160 43.9 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 107.390 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131116.D

Acq: 10 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB148898BL

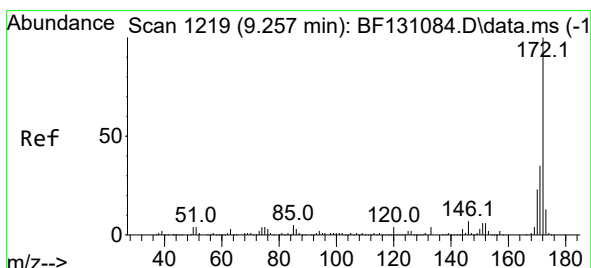
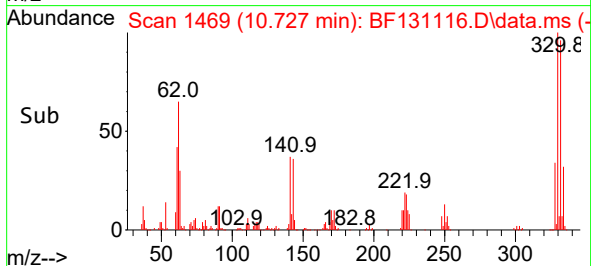
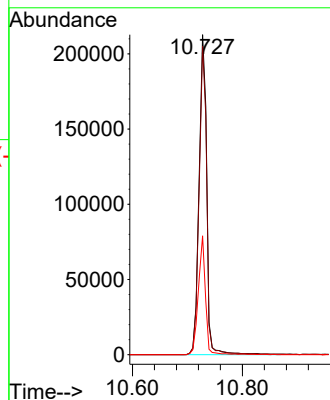
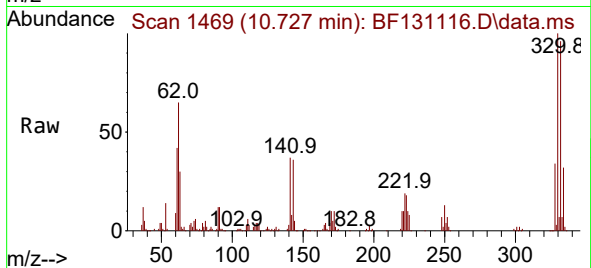
Tgt Ion:330 Resp: 206547

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.4

141 34.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 59.739 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF131116.D

Acq: 10 Nov 2022 11:12

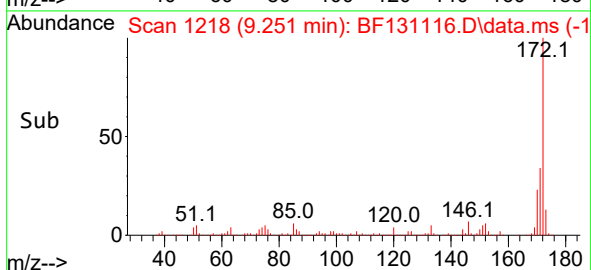
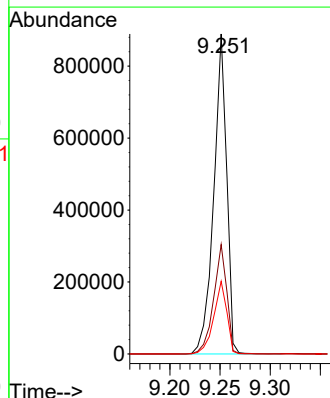
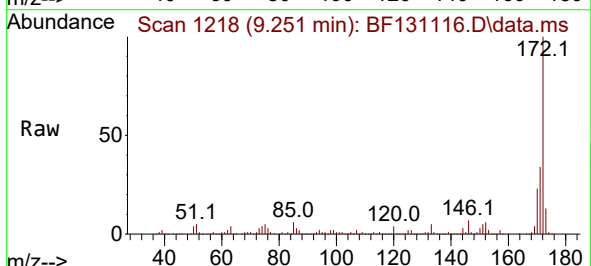
Tgt Ion:172 Resp: 796407

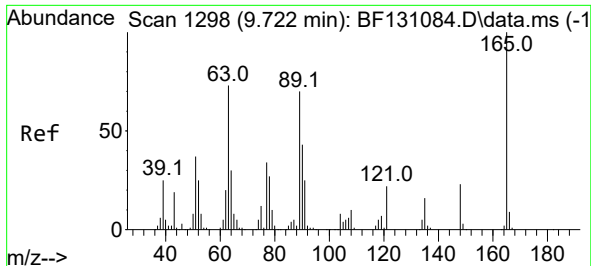
Ion Ratio Lower Upper

172 100

171 34.2 27.7 41.5

170 22.7 18.8 28.2

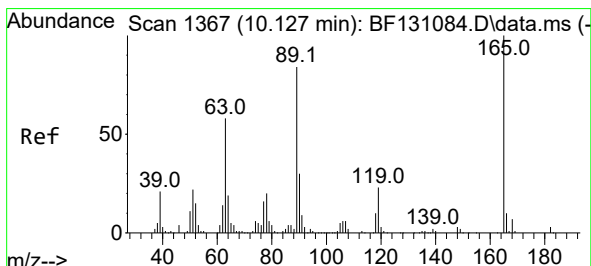
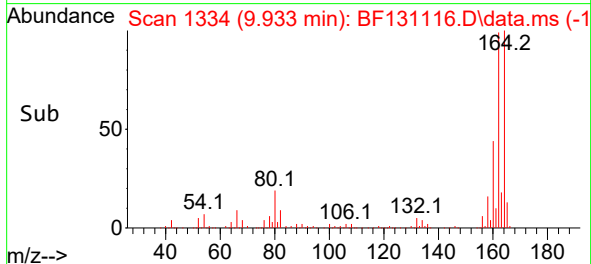
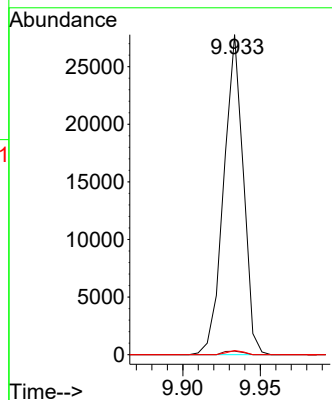
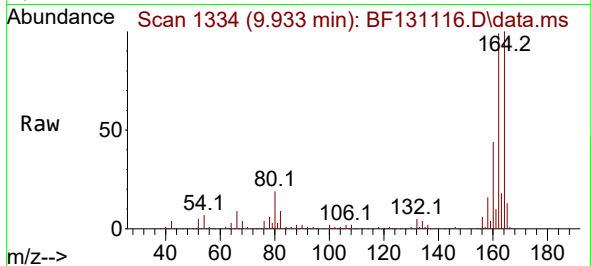




#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

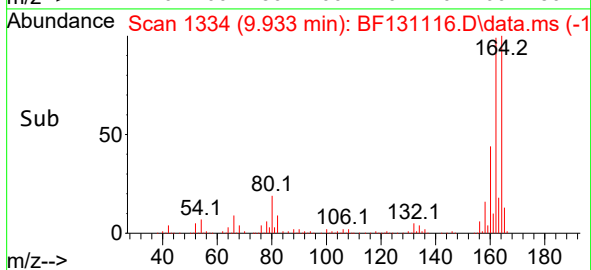
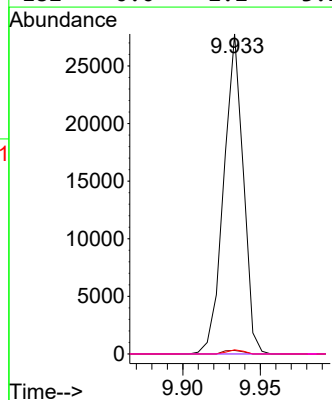
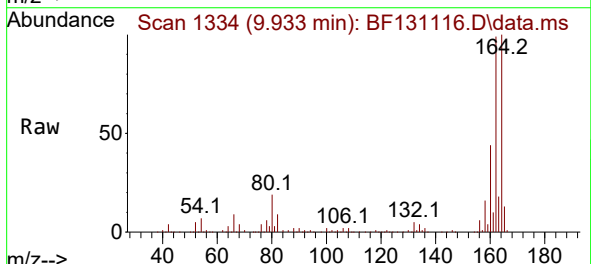
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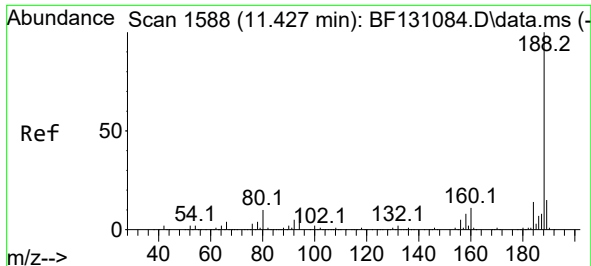
Tgt Ion:165 Resp: 24349
Ion Ratio Lower Upper
165 100
63 1.1 61.4 92.2#
89 1.3 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

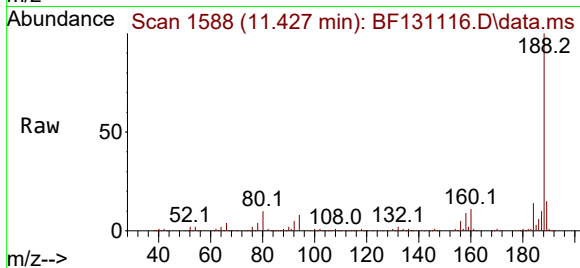
Tgt Ion:165 Resp: 24349
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.3 66.9 100.3#
182 0.0 2.2 3.2#



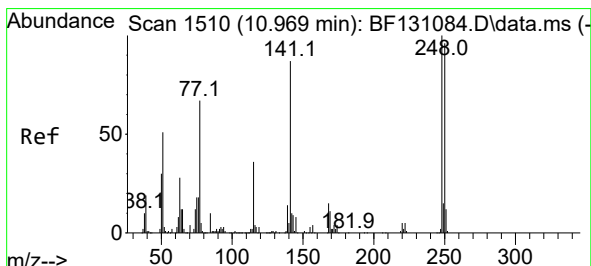
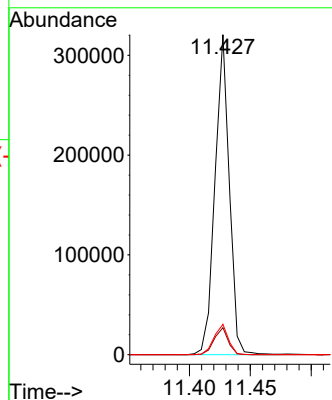
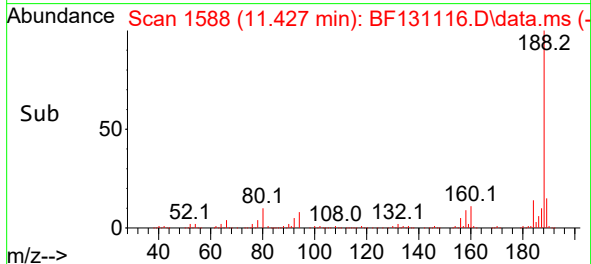


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

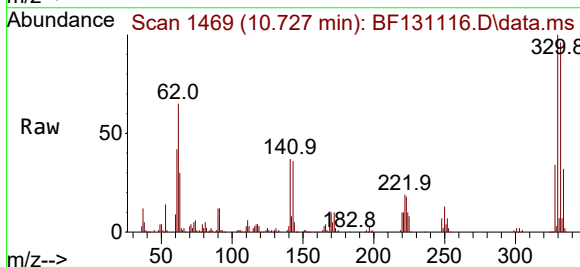
Instrument :
BNA_F
ClientSampleId :
PB148898BL



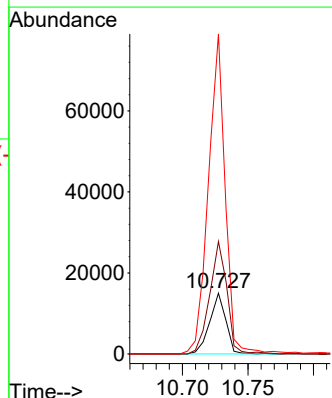
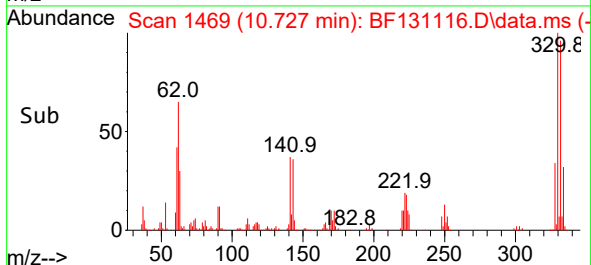
Tgt Ion:188 Resp: 261276
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.5 7.9 11.9

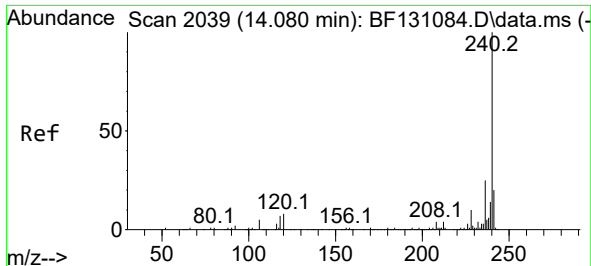


#67
4-Bromophenyl-phenylether
Concen: 4.374 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12



Tgt Ion:248 Resp: 12923
Ion Ratio Lower Upper
248 100
250 184.7 77.0 115.6#
141 525.7 69.7 104.5#

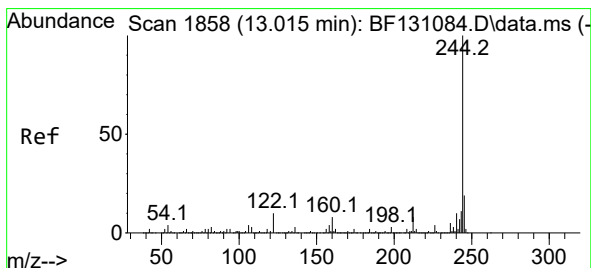
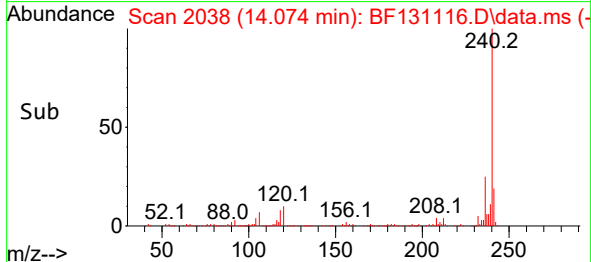
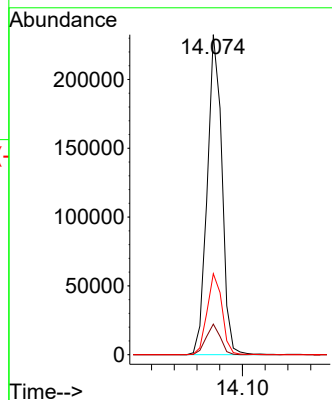
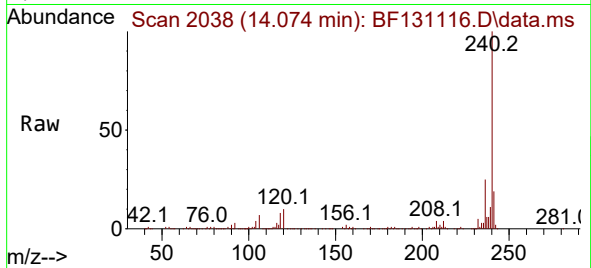




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

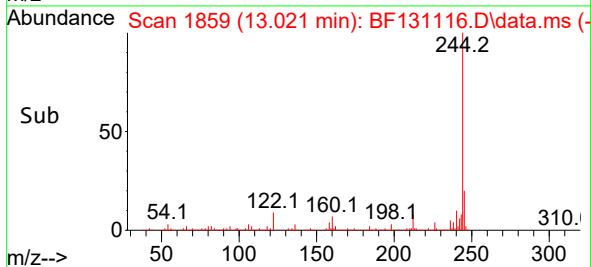
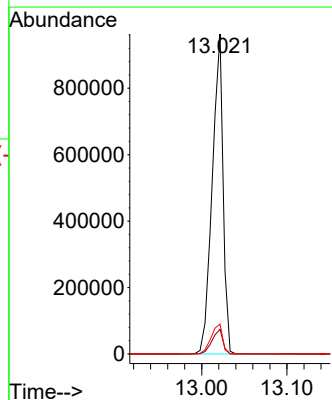
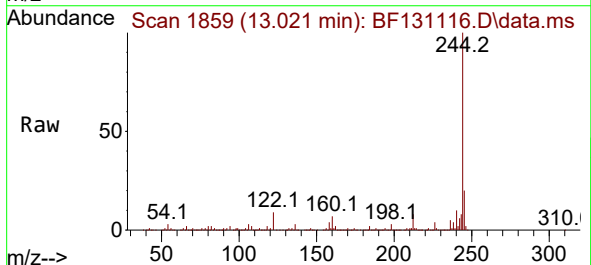
Instrument :
BNA_F
ClientSampleId :
PB148898BL

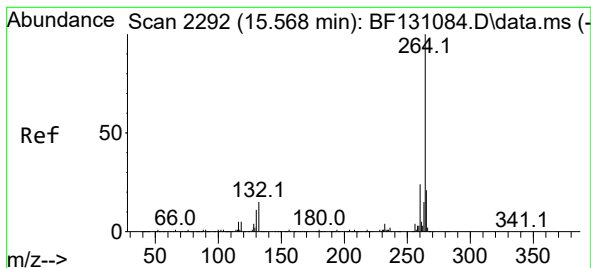
Tgt Ion:240 Resp: 207820
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 25.3 19.7 29.5



#79
Terphenyl-d14
Concen: 71.915 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF131116.D
Acq: 10 Nov 2022 11:12

Tgt Ion:244 Resp: 852403
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.3 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131116.D

Acq: 10 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB148898BL

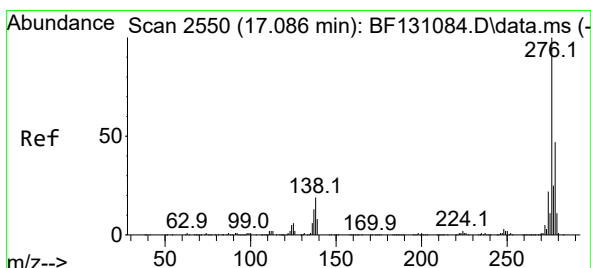
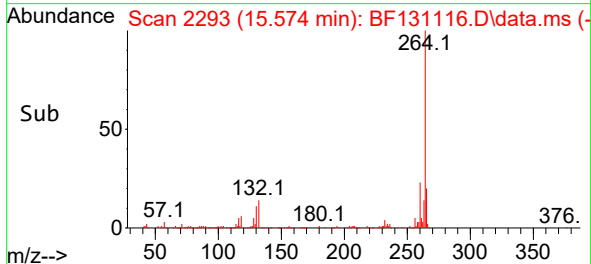
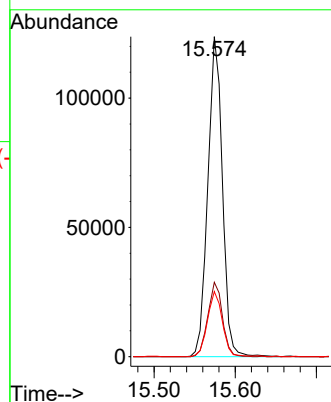
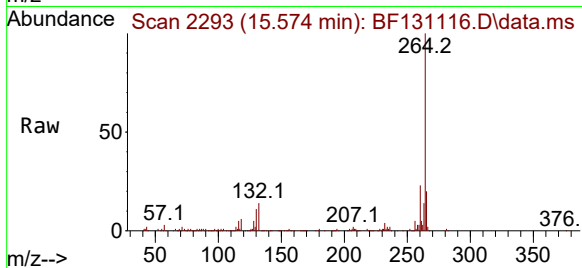
Tgt Ion:264 Resp: 153865

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 20.4 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.870 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.023 min

Lab File: BF131116.D

Acq: 10 Nov 2022 11:12

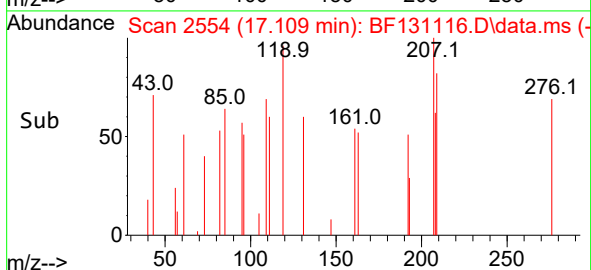
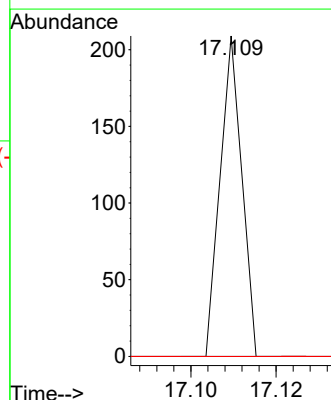
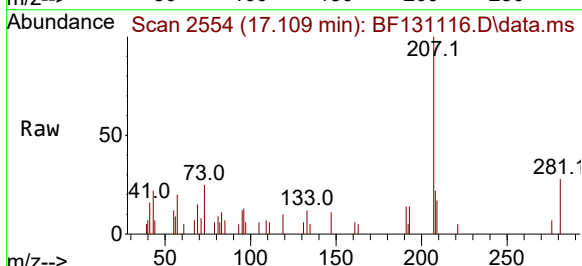
Tgt Ion:276 Resp: 74

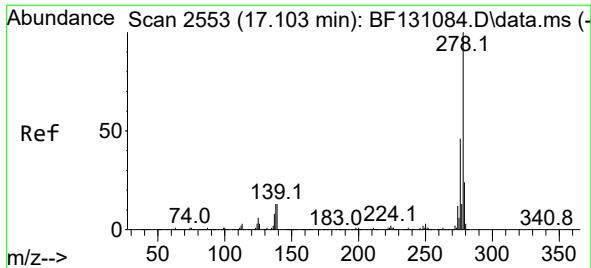
Ion Ratio Lower Upper

276 100

138 0.0 16.9 25.3#

277 0.0 20.3 30.5#





#91

Dibenzo(a,h)anthracene

Concen: 3.844 ng

RT: 17.127 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF131116.D

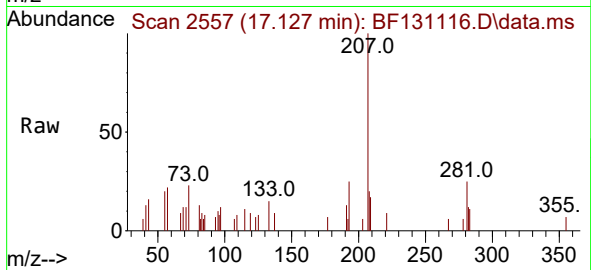
Acq: 10 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB148898BL



Tgt Ion:278 Resp: 56

Ion Ratio Lower Upper

278 100

139 0.0 10.8 16.2#

279 0.0 19.2 28.8#

