

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
 Data File : BF131131.D
 Acq On : 10 Nov 2022 19:37
 Operator : CG\JU
 Sample : N5491-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 11 00:50:42 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

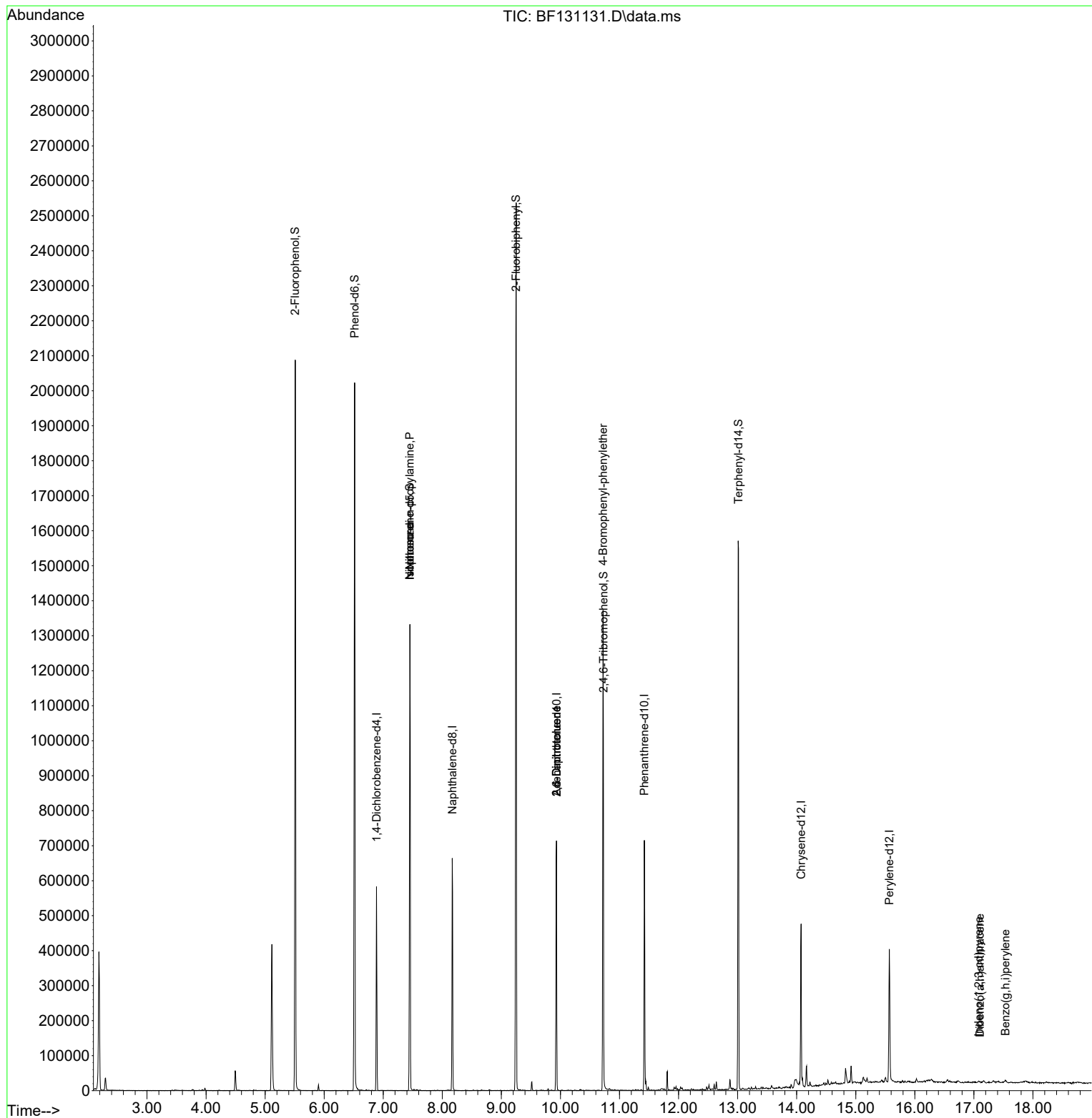
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73334	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	277781	20.000	ng	#-0.01
39) Acenaphthene-d10	9.933	164	144677	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	242113	20.000	ng	0.00
76) Chrysene-d12	14.074	240	151704	20.000	ng	0.00
86) Perylene-d12	15.568	264	162012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	499596	115.856	ng	0.00
7) Phenol-d6	6.516	99	634001	112.458	ng	0.00
23) Nitrobenzene-d5	7.451	82	428110	69.536	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	147470	98.629	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	767856	74.090	ng	0.00
79) Terphenyl-d14	13.016	244	558071	64.499	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	59506	16.076	ng	# 76
25) Isophorone	7.451	82	428104	44.971	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	18620	8.233	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	18620	6.193	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	9788	3.575	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.080	276	2938	4.069	ng	# 92
91) Dibenzo(a,h)anthracene	17.104	278	1416	3.960	ng	# 86
92) Benzo(g,h,i)perylene	17.533	276	3151	4.617	ng	# 94

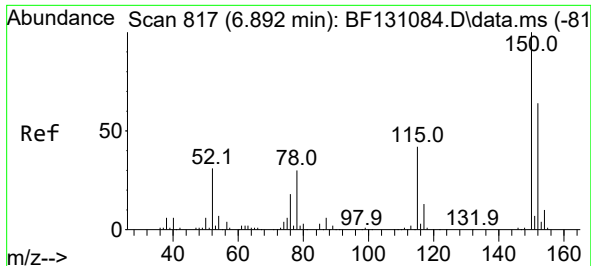
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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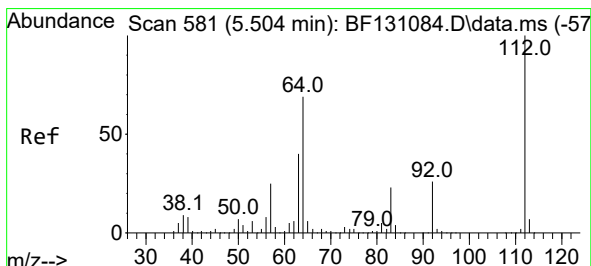
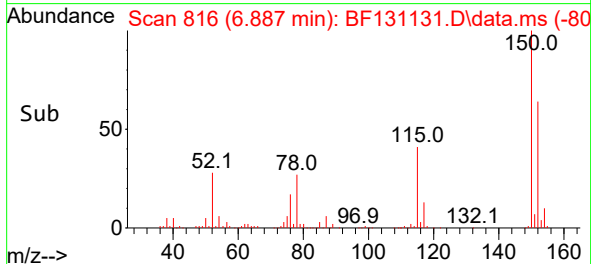
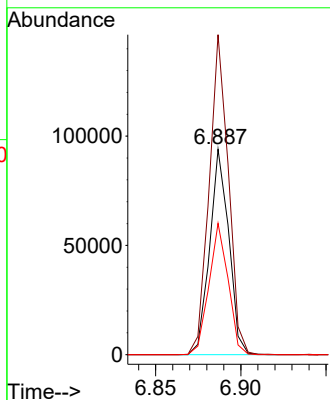
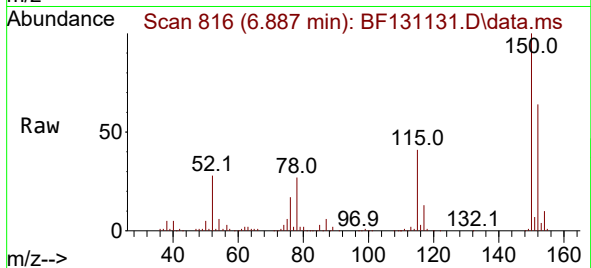




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

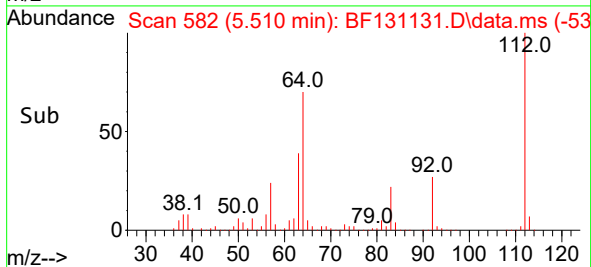
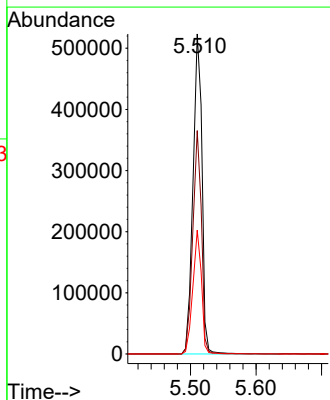
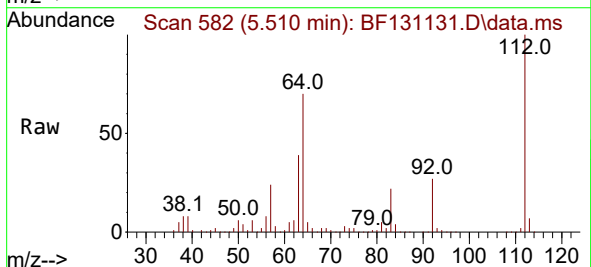
Instrument :
BNA_F
ClientSampleId :
TP-1

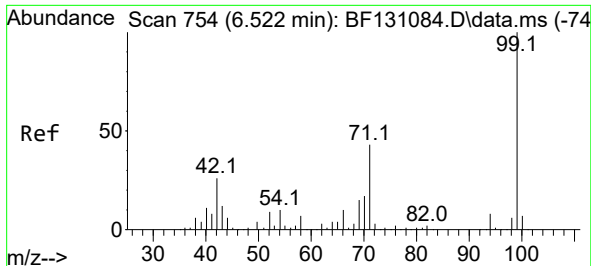
Tgt Ion:152 Resp: 73334
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 64.0 52.2 78.2



#5
2-Fluorophenol
Concen: 115.856 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:112 Resp: 499596
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 38.7 32.4 48.6

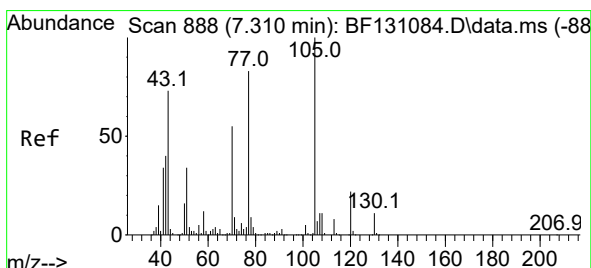
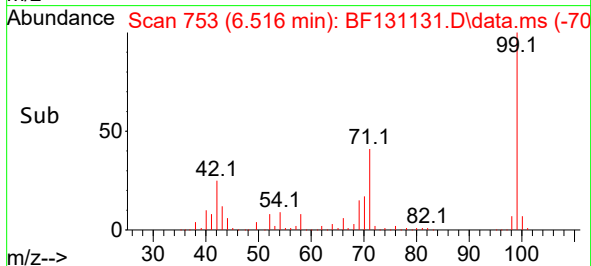
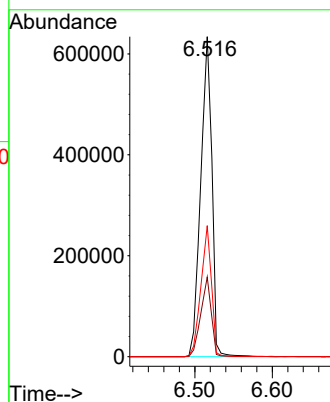
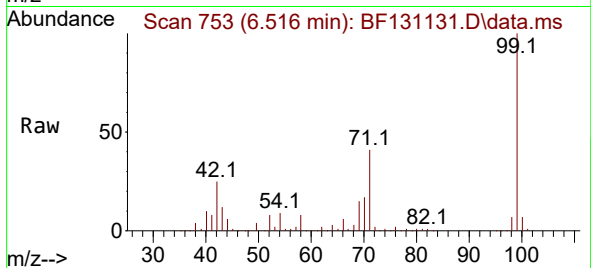




#7
Phenol-d6
Concen: 112.458 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

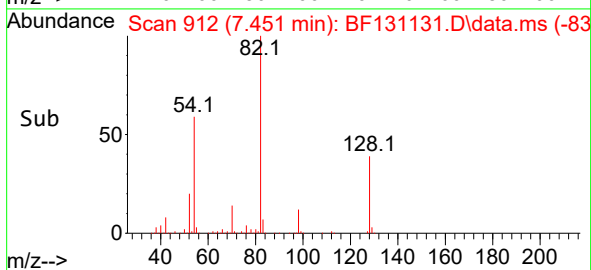
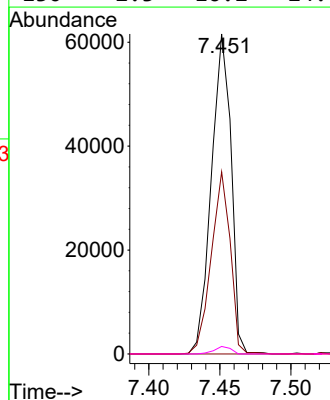
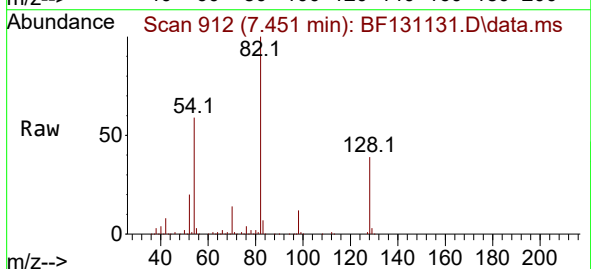
Instrument :
BNA_F
ClientSampleId :
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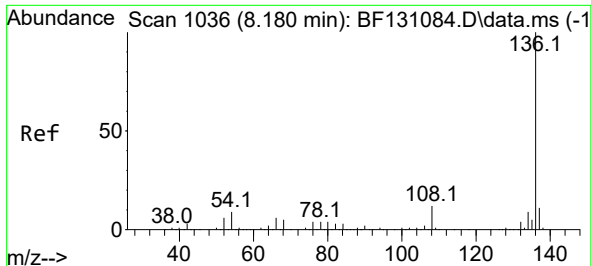
Tgt Ion: 99 Resp: 634001
Ion Ratio Lower Upper
99 100
42 24.9 20.8 31.2
71 41.0 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.076 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

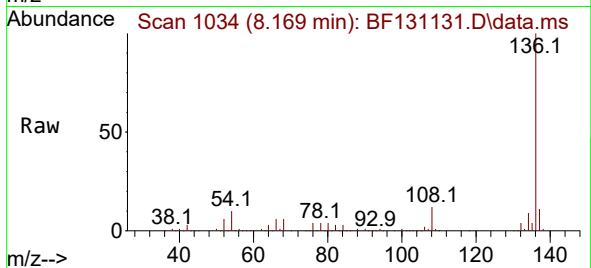
Tgt Ion: 70 Resp: 59506
Ion Ratio Lower Upper
70 100
42 56.9 58.3 87.5#
101 0.0 7.4 11.2#
130 2.3 16.2 24.4#



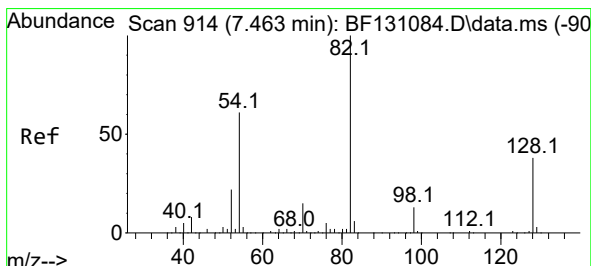
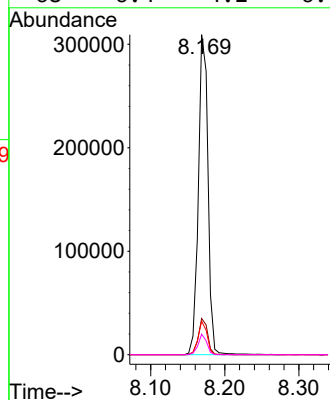
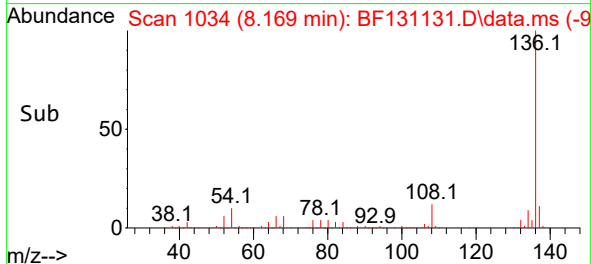


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Instrument :
BNA_F
ClientSampleId :
TP-1

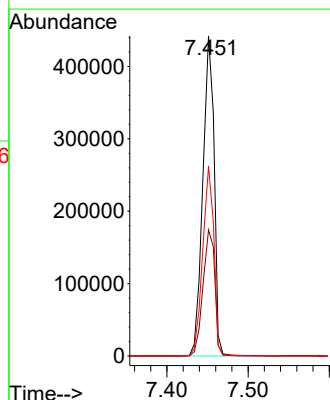
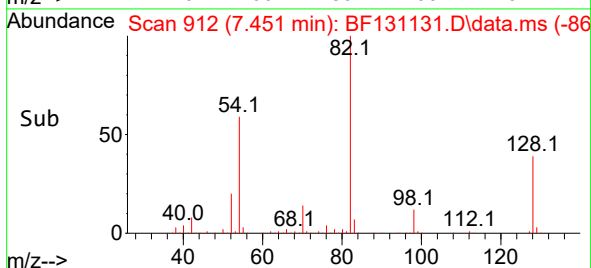
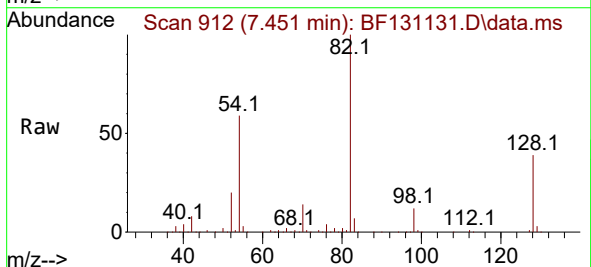


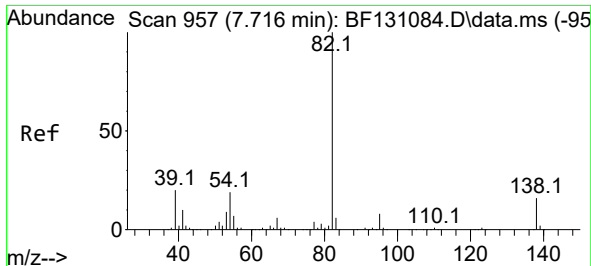
Tgt Ion:136 Resp: 277781
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.4 7.2 10.8
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 69.536 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion: 82 Resp: 428110
Ion Ratio Lower Upper
82 100
128 39.4 30.5 45.7
54 59.3 49.1 73.7

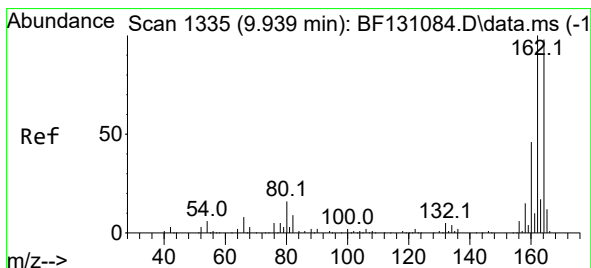
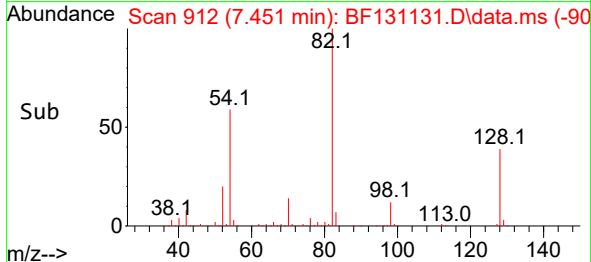
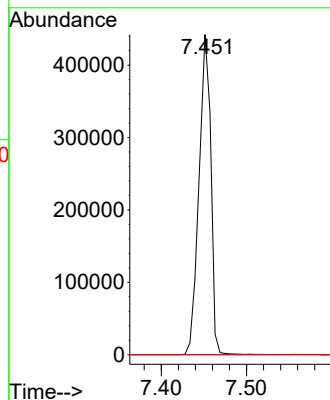
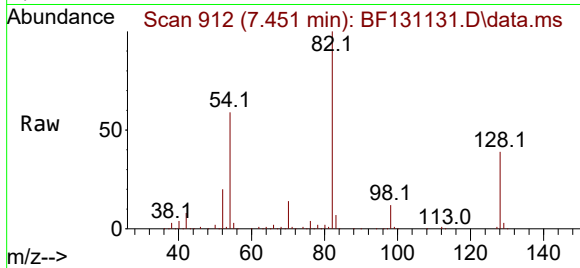




#25
Isophorone
Concen: 44.971 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

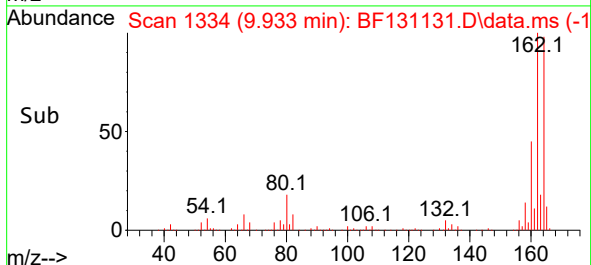
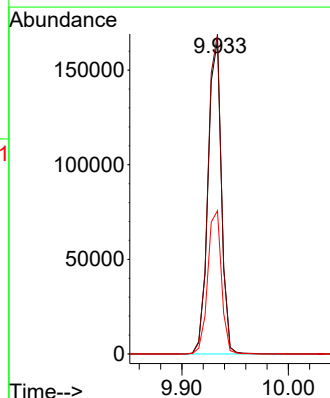
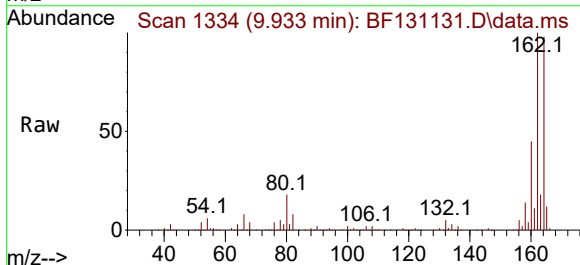
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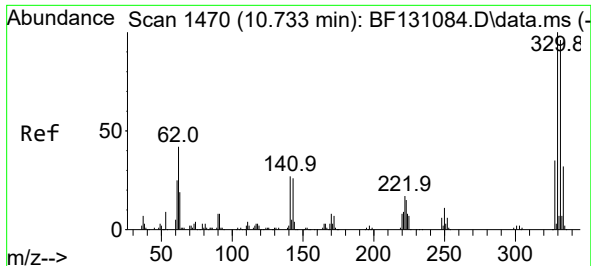
Tgt Ion: 82 Resp: 428104
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion: 164 Resp: 144677
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 45.6 37.4 56.2

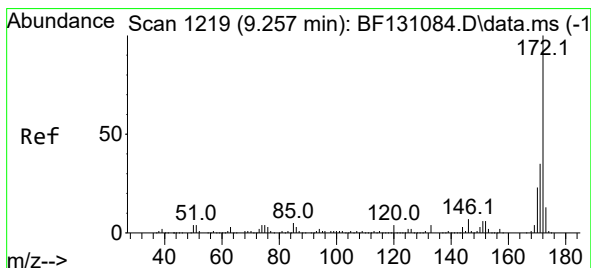
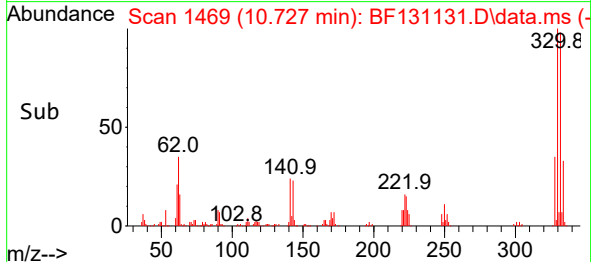
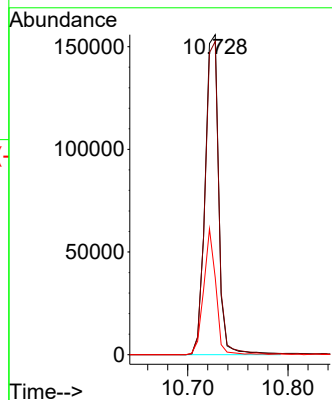
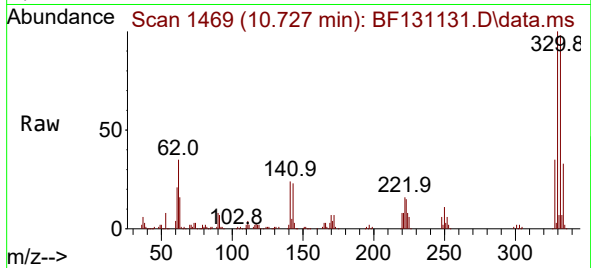




#42
2,4,6-Tribromophenol
Concen: 98.629 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

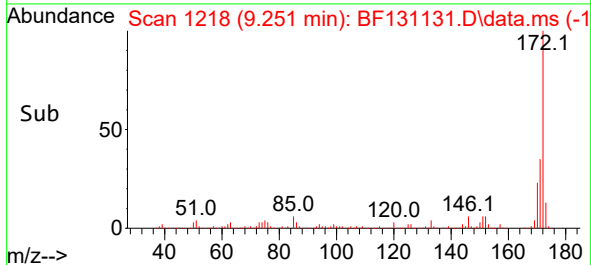
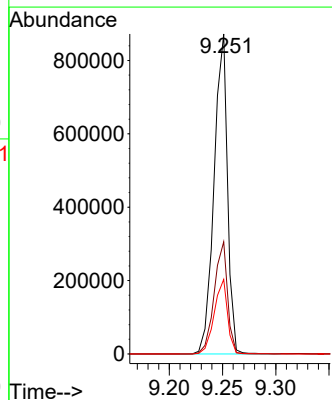
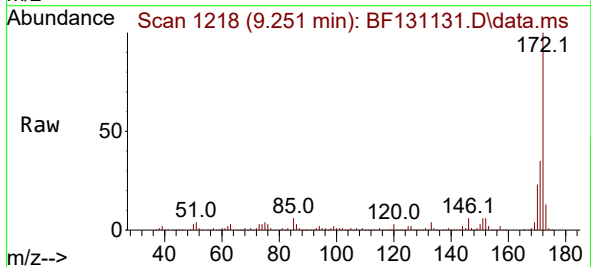
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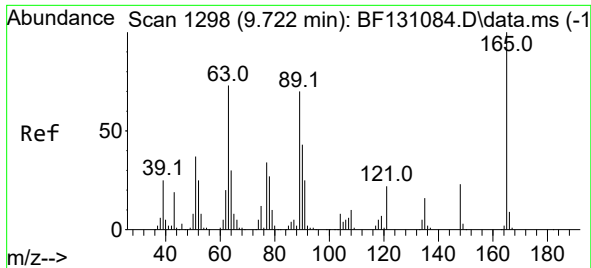
Tgt Ion: 330 Resp: 147470
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.4
141 35.2 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 74.090 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion: 172 Resp: 767856
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.3 18.8 28.2

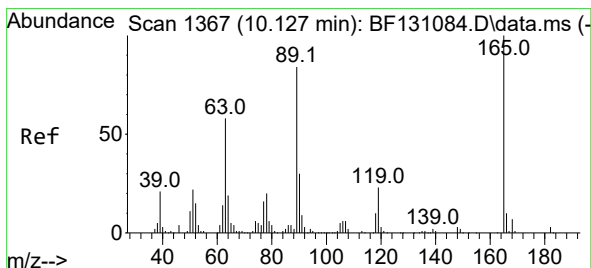
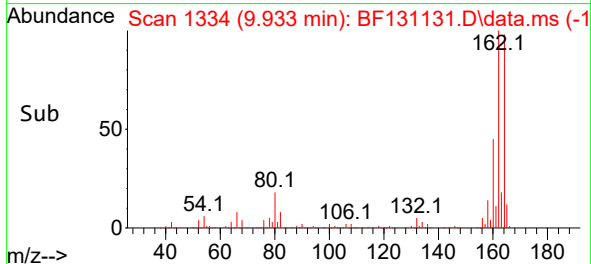
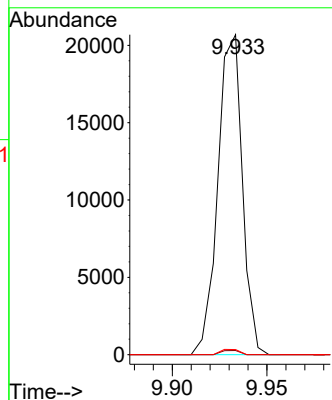
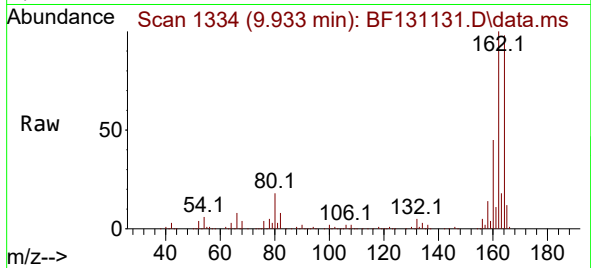




#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

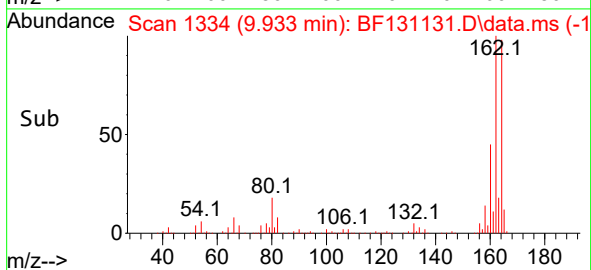
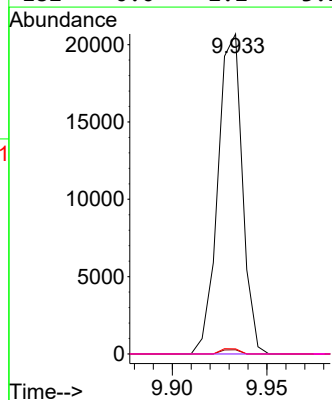
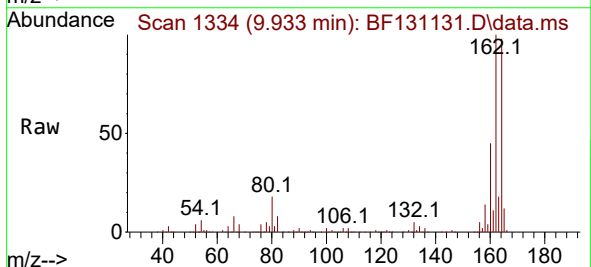
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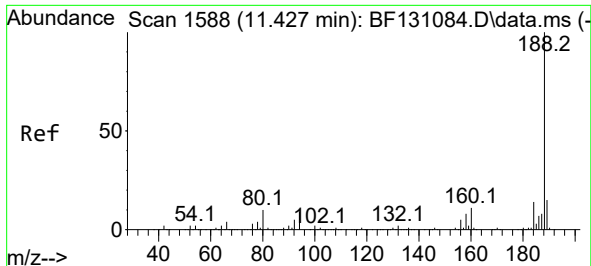
Tgt Ion:165 Resp: 18620
Ion Ratio Lower Upper
165 100
63 1.3 61.4 92.2#
89 1.6 56.0 84.0#



#57
2,4-Dinitrotoluene
Concen: 6.193 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:165 Resp: 18620
Ion Ratio Lower Upper
165 100
63 1.3 46.9 70.3#
89 1.6 66.9 100.3#
182 0.0 2.2 3.2#

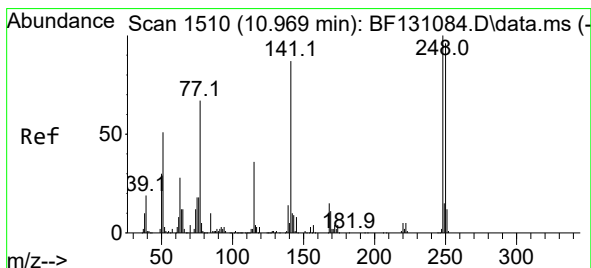
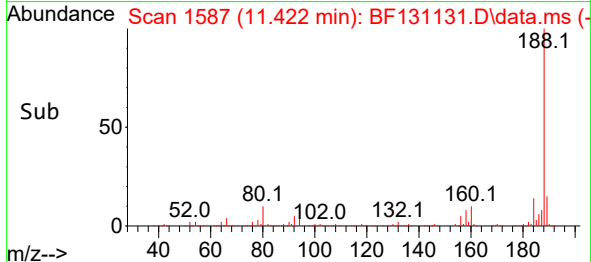
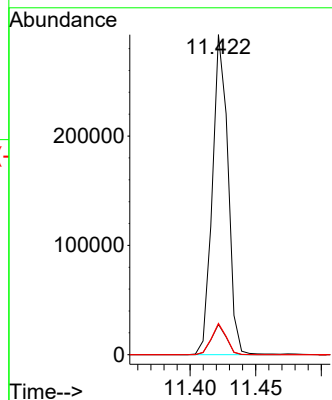
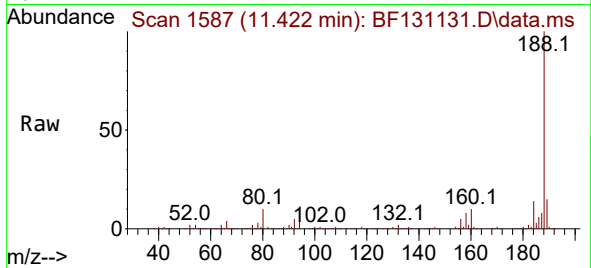




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

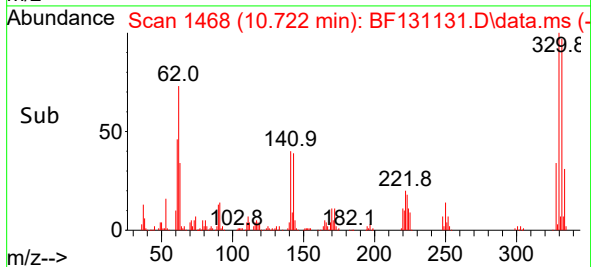
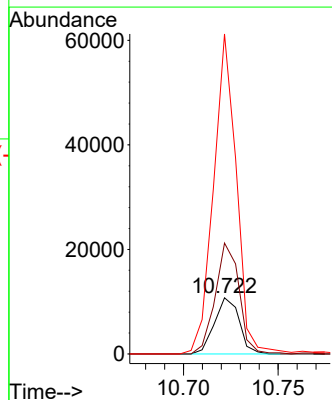
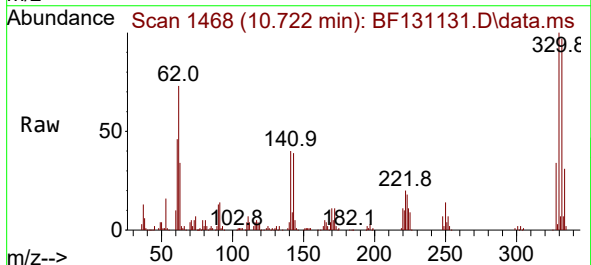
Instrument :
BNA_F
ClientSampleId :
TP-1

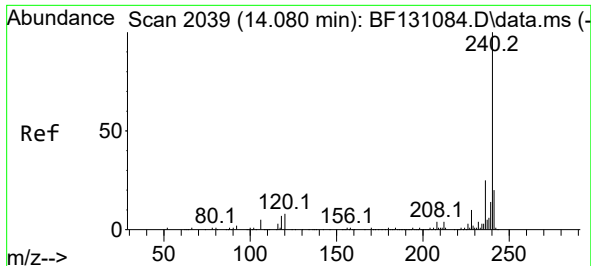
Tgt Ion:188 Resp: 242113
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:248 Resp: 9788
Ion Ratio Lower Upper
248 100
250 197.2 77.0 115.6#
141 569.2 69.7 104.5#

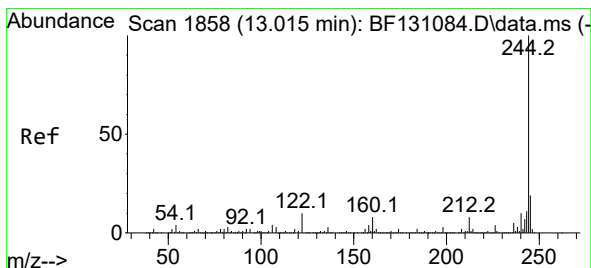
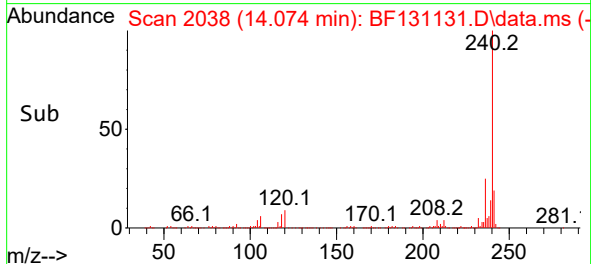
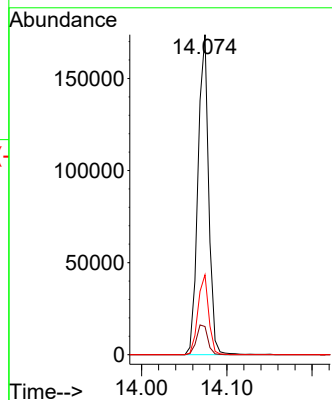
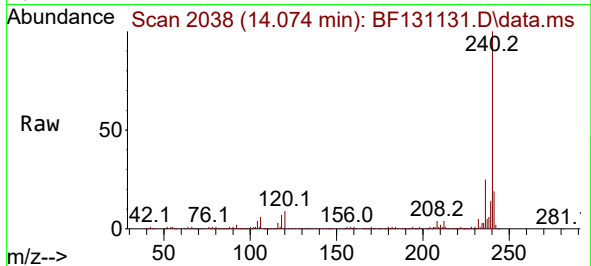




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

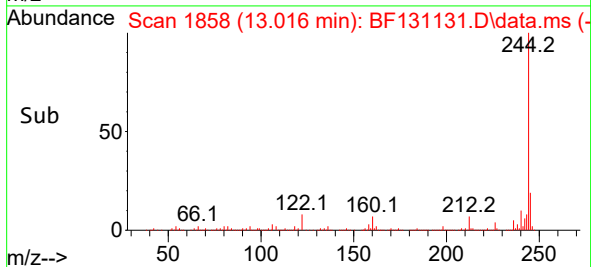
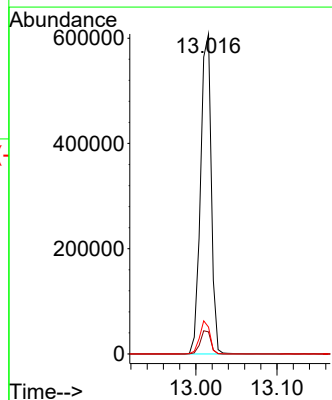
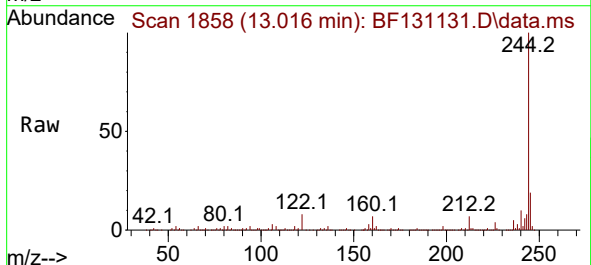
Instrument :
BNA_F
ClientSampleId :
TP-1

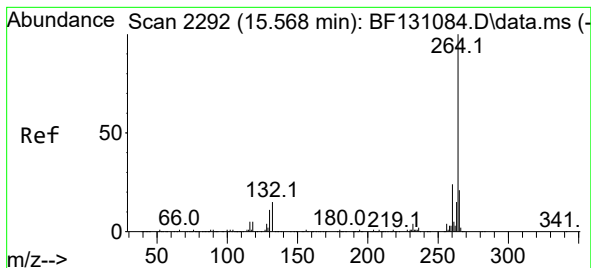
Tgt Ion:240 Resp: 151704
Ion Ratio Lower Upper
240 100
120 8.8 6.5 9.7
236 25.0 19.7 29.5



#79
Terphenyl-d14
Concen: 64.499 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.001 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:244 Resp: 558071
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 8.4 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131131.D

Acq: 10 Nov 2022 19:37

Instrument :

BNA_F

ClientSampleId :

TP-1

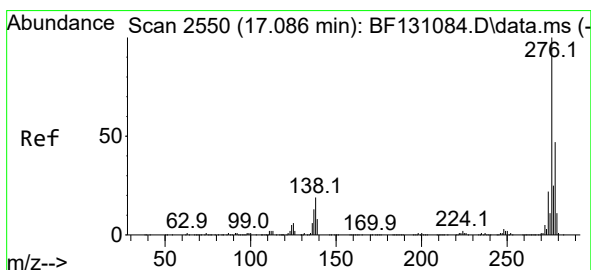
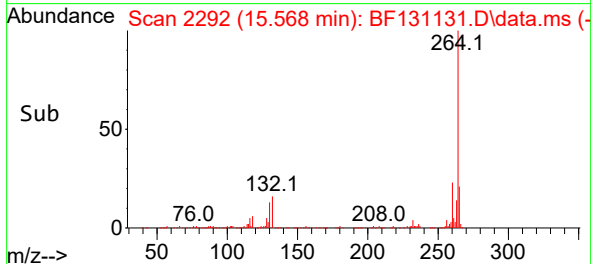
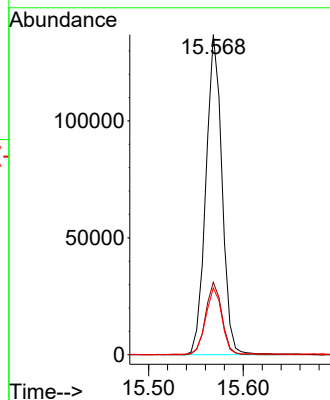
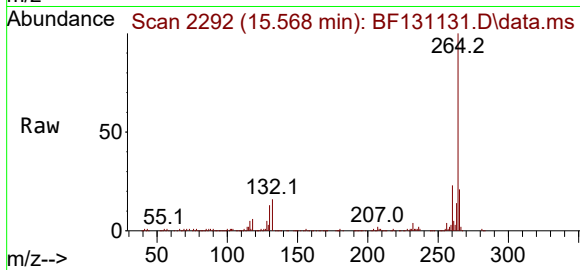
Tgt Ion:264 Resp: 162012

Ion Ratio Lower Upper

264 100

260 22.6 19.1 28.7

265 20.9 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.069 ng

RT: 17.080 min Scan# 2549

Delta R.T. -0.006 min

Lab File: BF131131.D

Acq: 10 Nov 2022 19:37

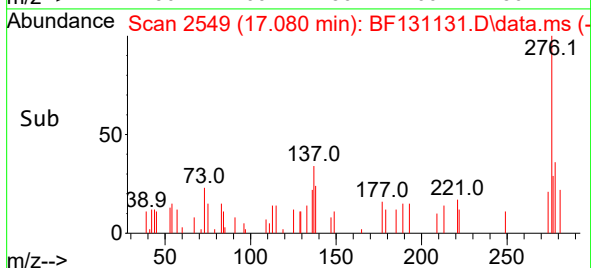
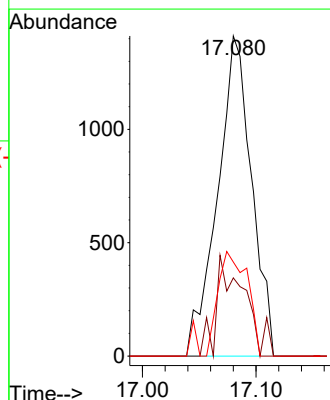
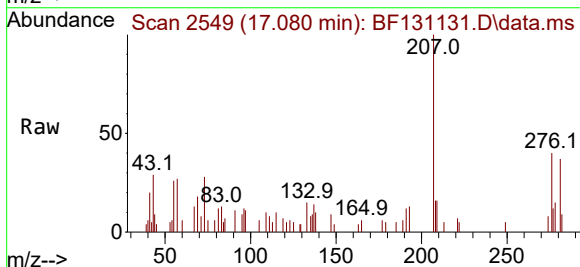
Tgt Ion:276 Resp: 2938

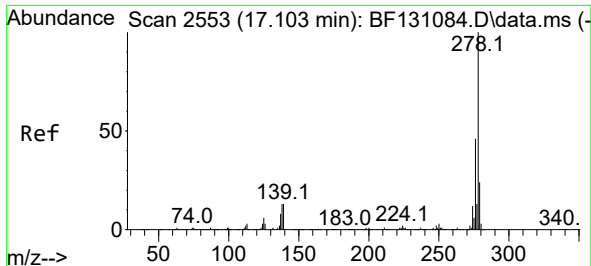
Ion Ratio Lower Upper

276 100

138 26.3 16.9 25.3#

277 28.2 20.3 30.5

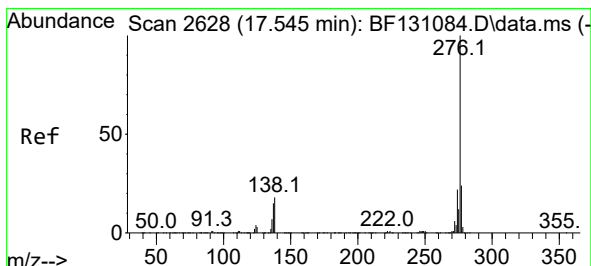
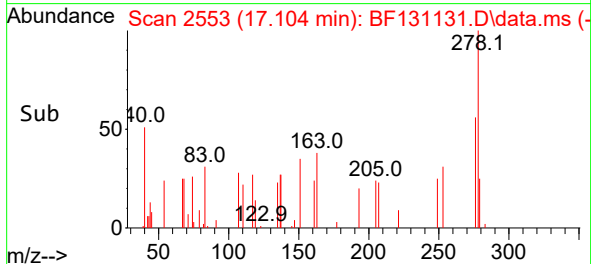
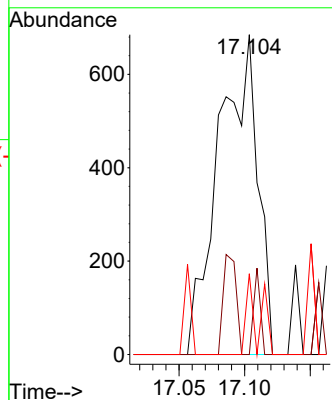
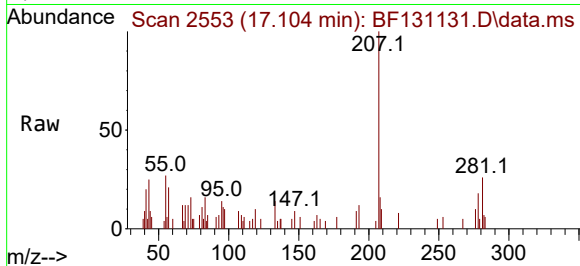




#91
Dibenzo(a,h)anthracene
Concen: 3.960 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:278 Resp: 1416
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 25.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 4.617 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BF131131.D
Acq: 10 Nov 2022 19:37

Tgt Ion:276 Resp: 3151
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 24.6 14.6 21.8#

