

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126731.D
 Acq On : 28 Jan 2022 22:01
 Operator : CG/JU
 Sample : N1313-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17B-MISC-A

Quant Time: Jan 29 02:30:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

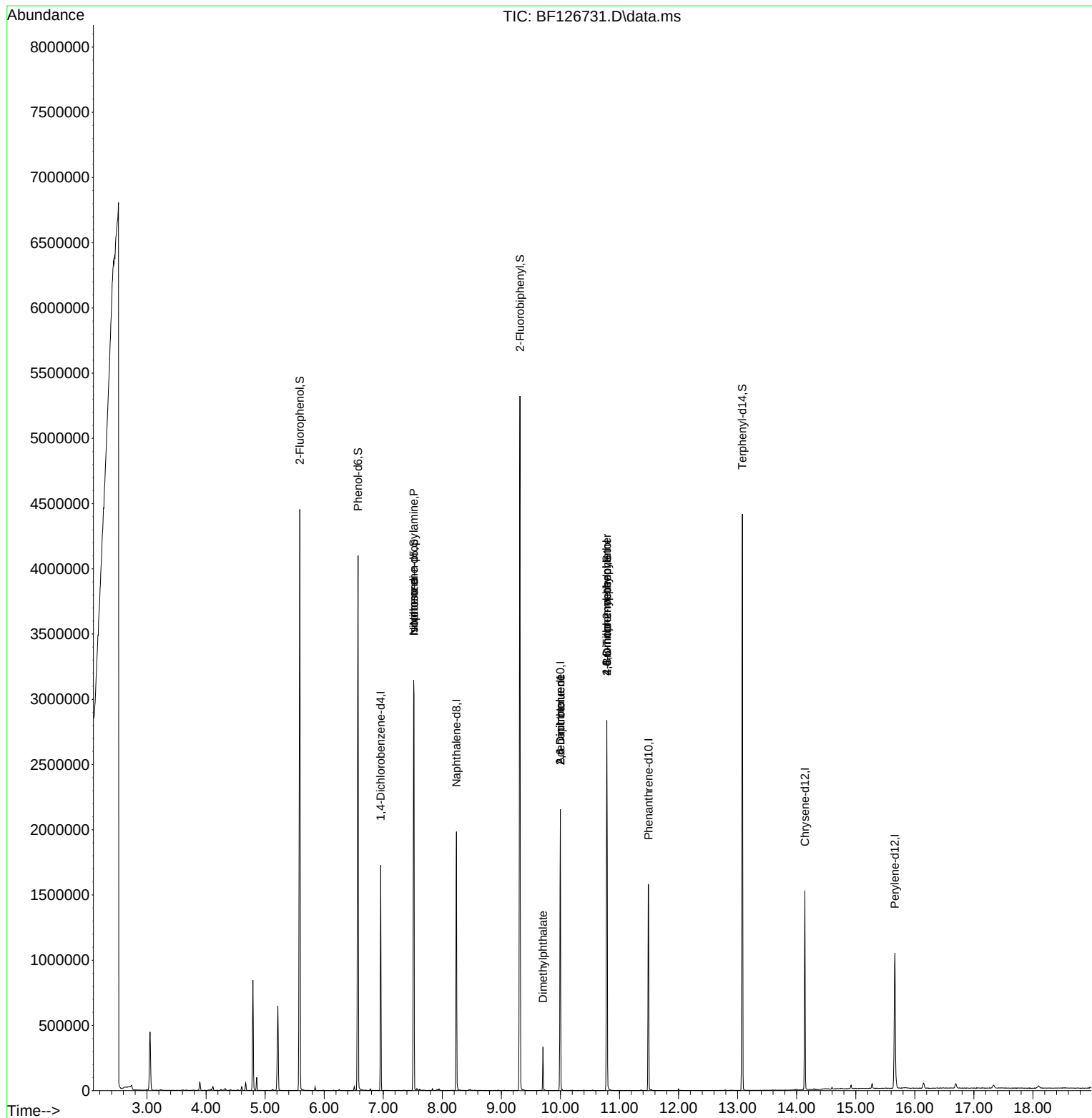
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	207683	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	783852	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	390410	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	571910	20.000	ng	0.00
76) Chrysene-d12	14.139	240	460005	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	474600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1261582	79.935	ng	0.02
7) Phenol-d6	6.575	99	1508658	68.800	ng	0.00
23) Nitrobenzene-d5	7.516	82	1310340	65.431	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	320103	87.612	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1579530	61.962	ng	0.00
79) Terphenyl-d14	13.080	244	1409472	51.392	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	885	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.516	70	172857	10.801	ng	# 69
25) Isophorone	7.516	82	1304493	33.588	ng	# 69
50) Dimethylphthalate	9.704	163	103528	3.739	ng	100
51) 2,6-Dinitrotoluene	9.998	165	51666	10.798	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	51666	8.911	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	687	7.584	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	20899	3.171	ng	# 1

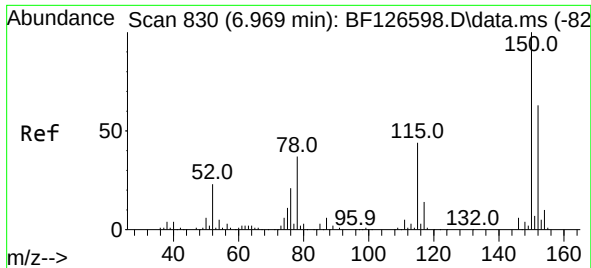
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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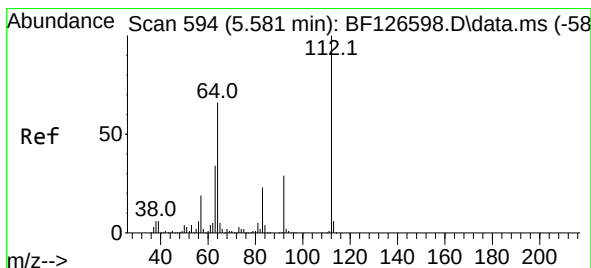
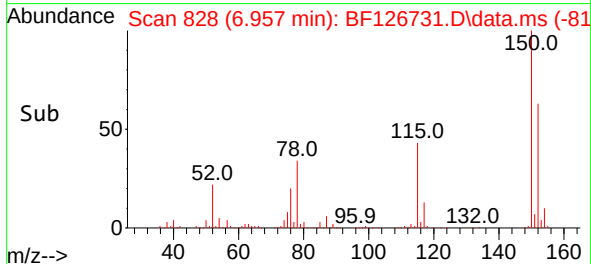
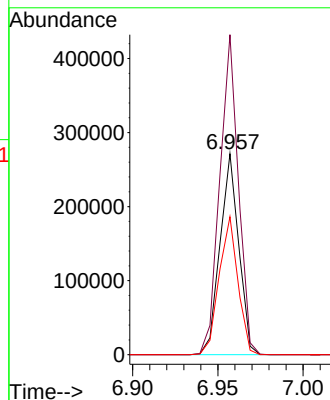
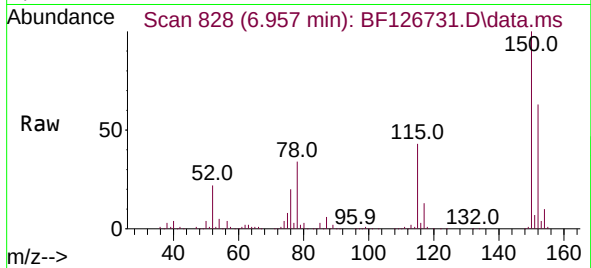




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

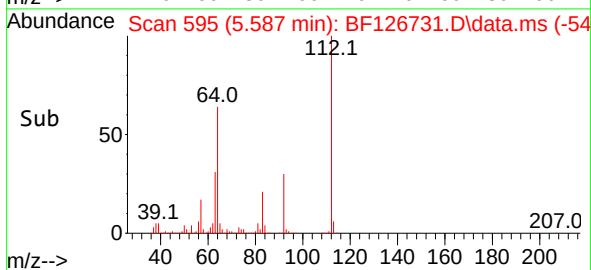
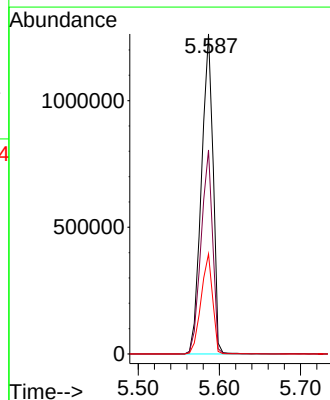
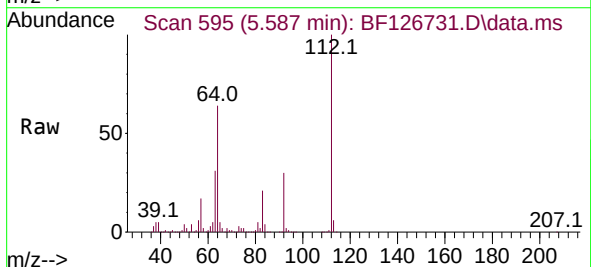
Instrument :
BNA_F
ClientSampleId :
17B-MISC-A

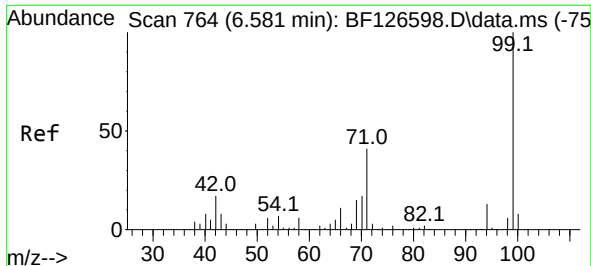
Tgt Ion:152 Resp: 207683
Ion Ratio Lower Upper
152 100
150 159.2 128.1 192.1
115 68.6 56.7 85.1



#5
2-Fluorophenol
Concen: 79.935 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

Tgt Ion:112 Resp: 1261582
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.3 23.9 35.9

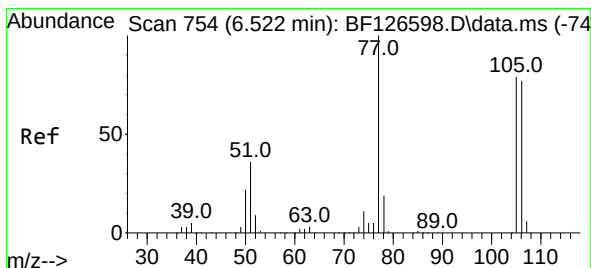
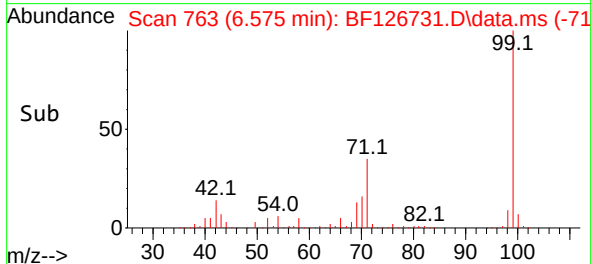
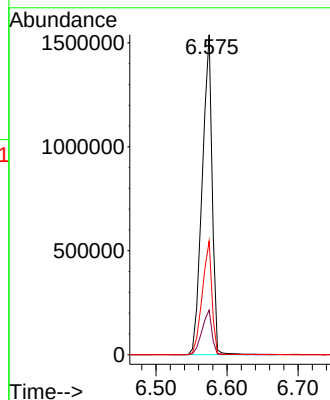
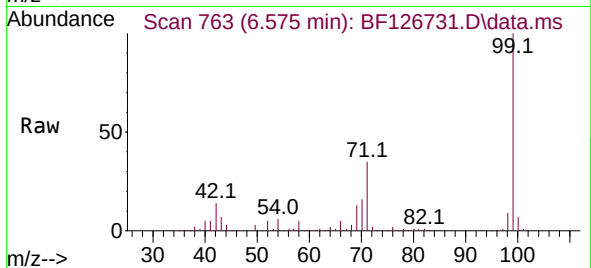




#7
Phenol-d6
Concen: 68.800 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

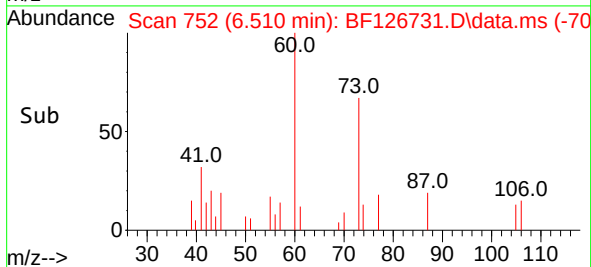
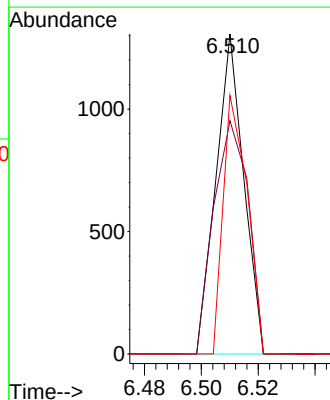
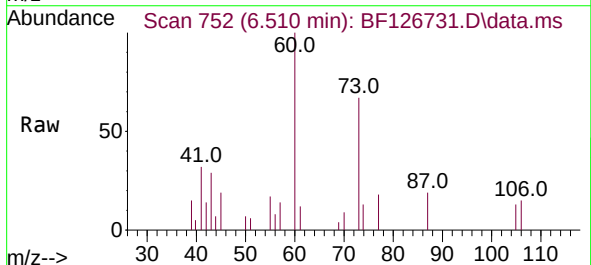
Instrument :
BNA_F
ClientSampleId :
17B-MISC-A

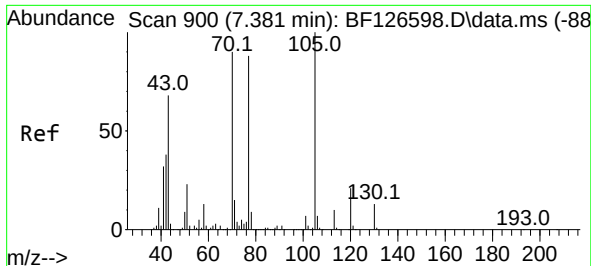
Tgt Ion: 99 Resp: 1508658
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 35.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

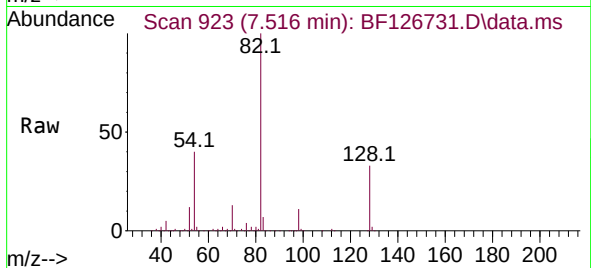
Tgt Ion: 77 Resp: 885
Ion Ratio Lower Upper
77 100
105 72.9 74.9 114.9#
106 80.8 72.4 112.4



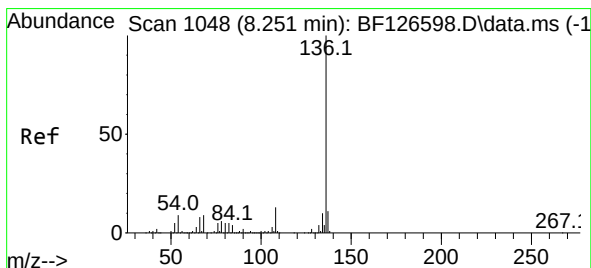
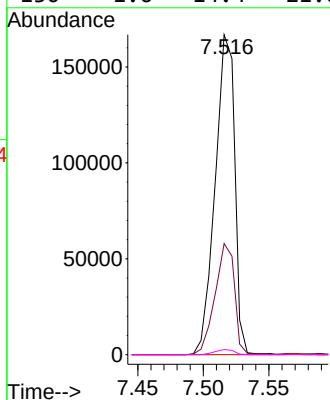
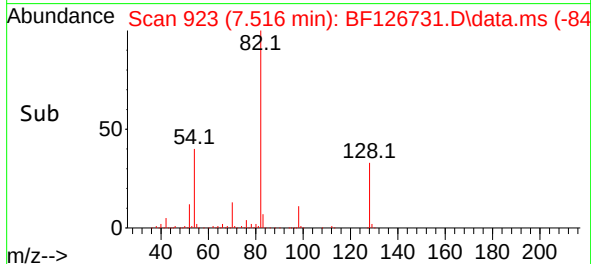


#19
n-Nitroso-di-n-propylamine
Concen: 10.801 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

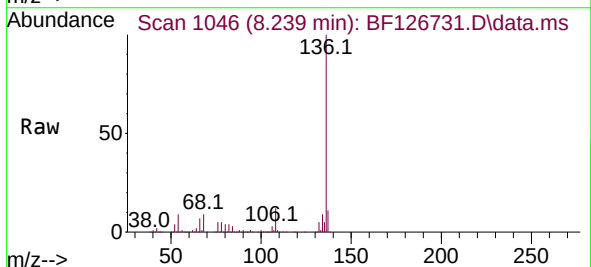
Instrument :
BNA_F
ClientSampleId :
17B-MISC-A



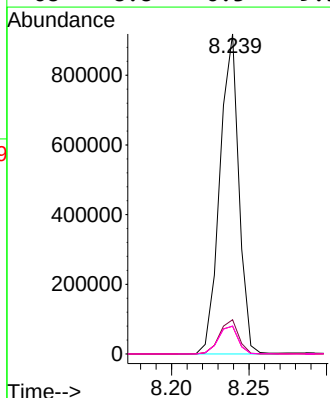
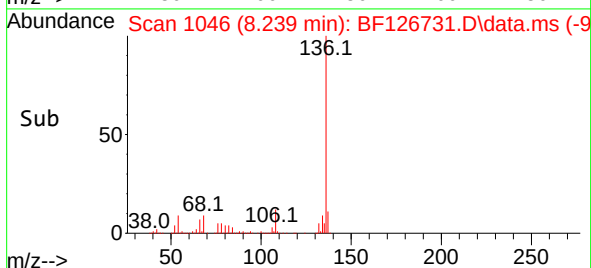
Tgt Ion: 70 Resp: 172857
Ion Ratio Lower Upper
70 100
42 34.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

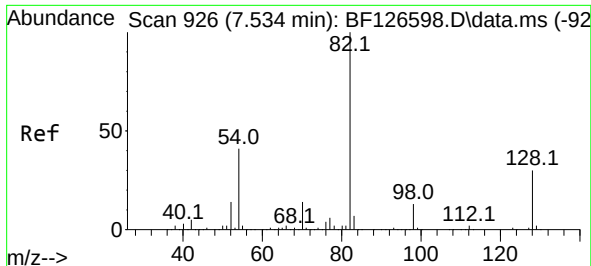


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01



Tgt Ion: 136 Resp: 783852
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.8 11.6
68 8.8 6.3 9.5

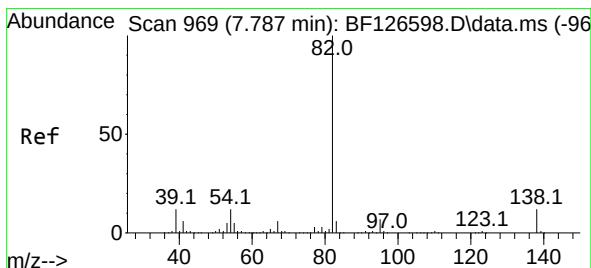
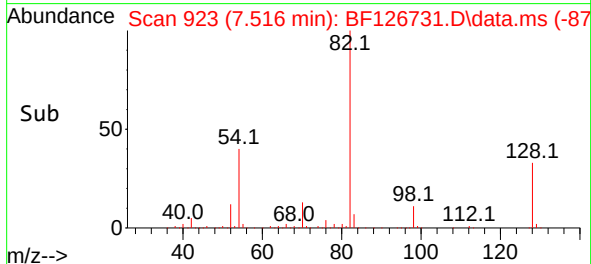
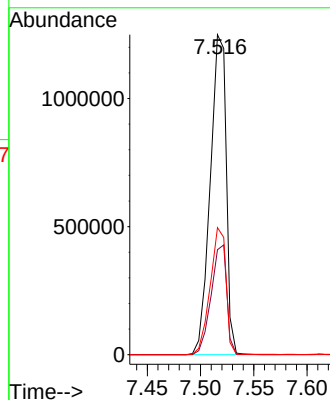
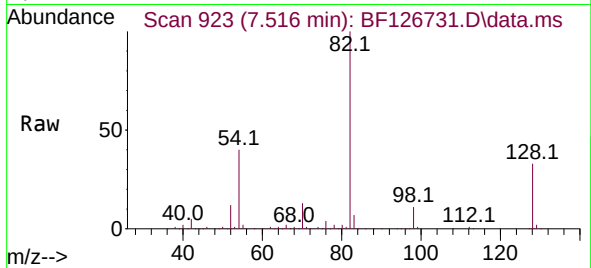




#23
Nitrobenzene-d5
Concen: 65.431 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

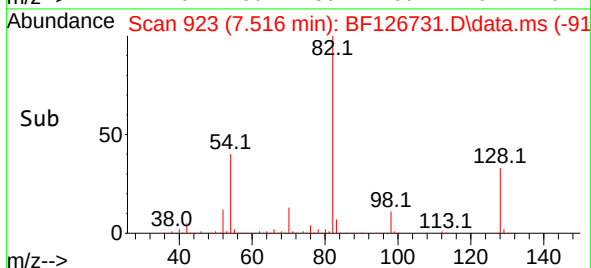
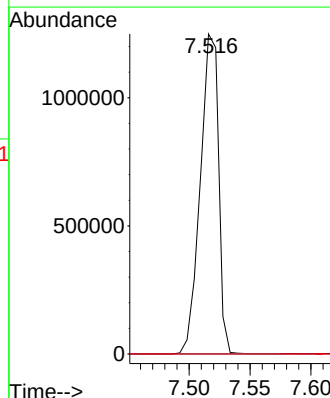
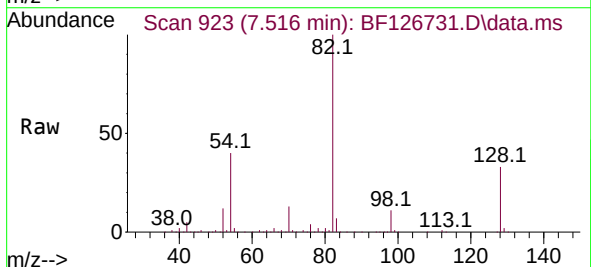
Instrument :
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ClientSampleId :
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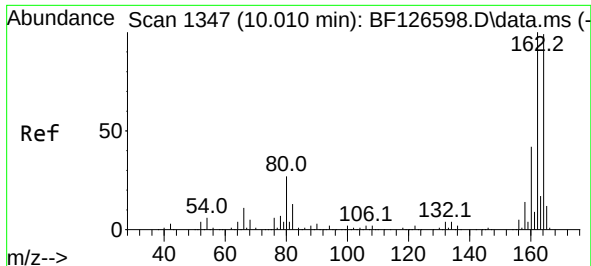
Tgt Ion: 82 Resp: 1310340
Ion Ratio Lower Upper
82 100
128 32.8 32.7 49.1
54 39.7 41.7 62.5#



#25
Isophorone
Concen: 33.588 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

Tgt Ion: 82 Resp: 1304493
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

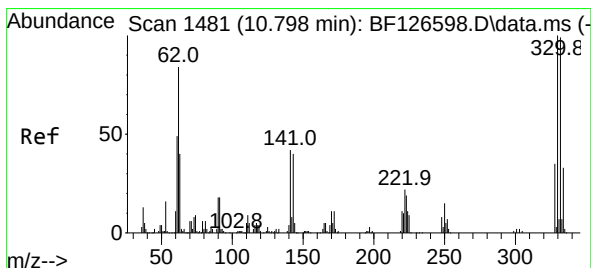
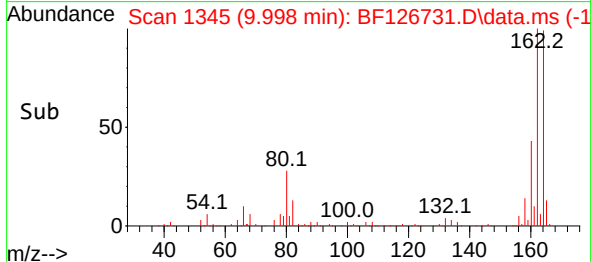
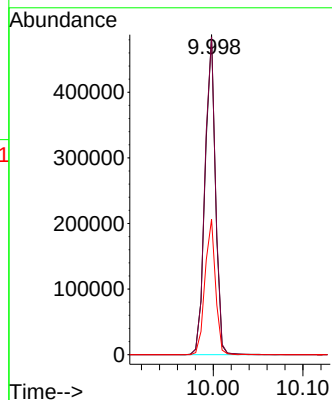
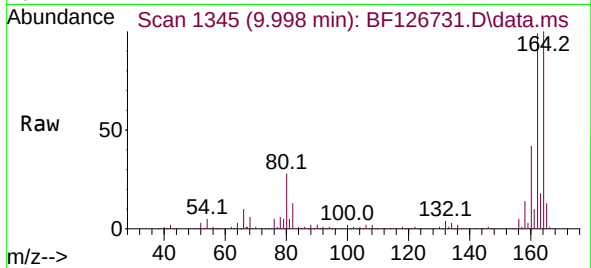




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

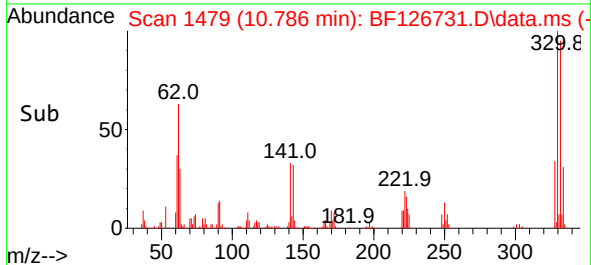
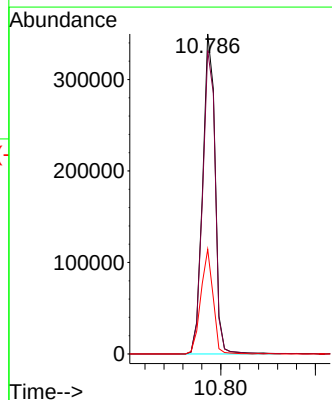
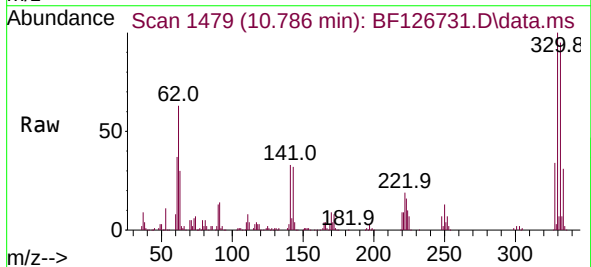
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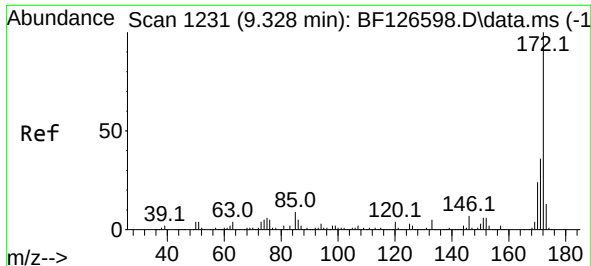
Tgt Ion:164 Resp: 390410
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 42.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 87.612 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

Tgt Ion:330 Resp: 320103
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 32.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.962 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

Instrument :

BNA_F

ClientSampleId :

17B-MISC-A

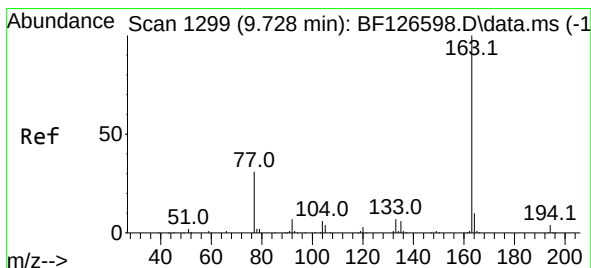
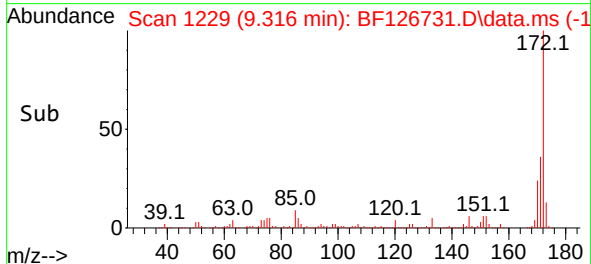
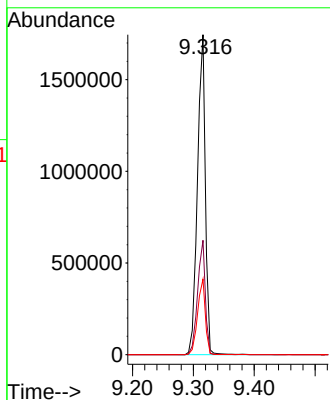
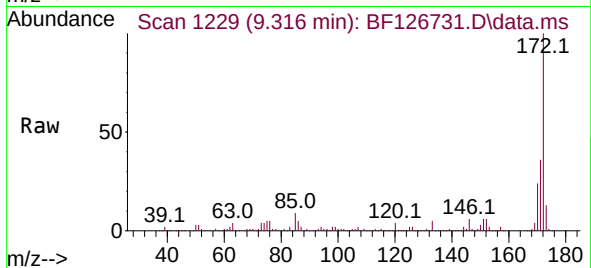
Tgt Ion:172 Resp: 1579530

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6



#50

Dimethylphthalate

Concen: 3.739 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.018 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

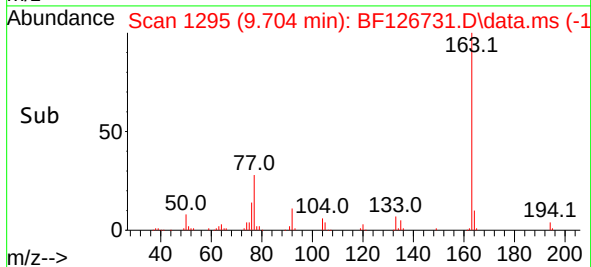
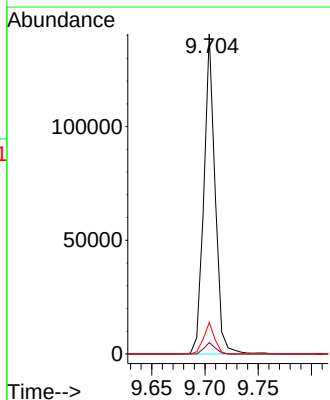
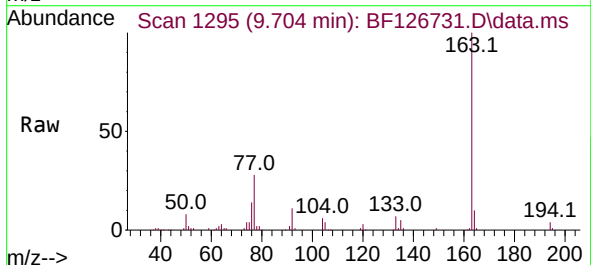
Tgt Ion:163 Resp: 103528

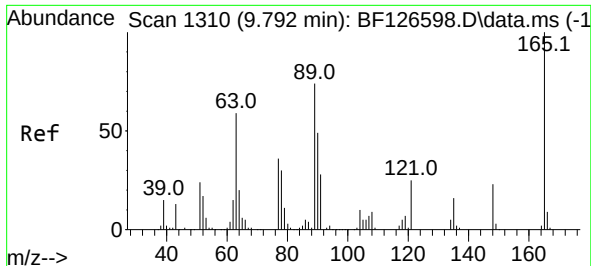
Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 10.798 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

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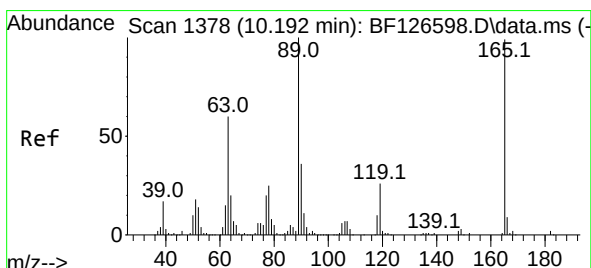
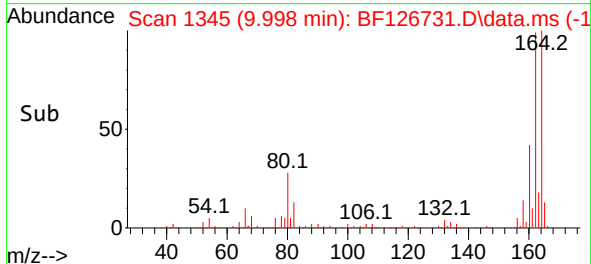
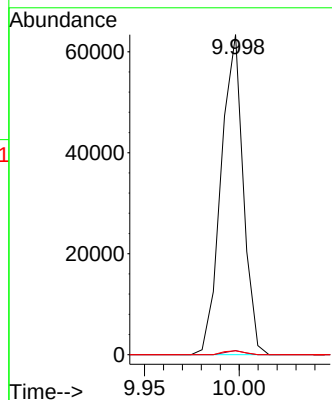
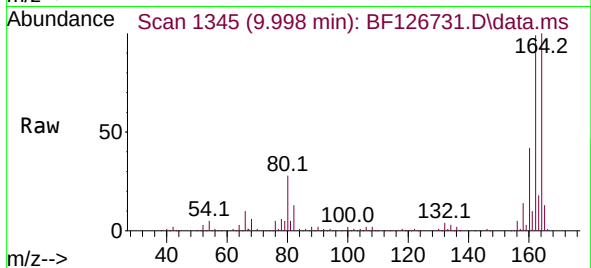
Tgt Ion:165 Resp: 51666

Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.2 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.911 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

Tgt Ion:165 Resp: 51666

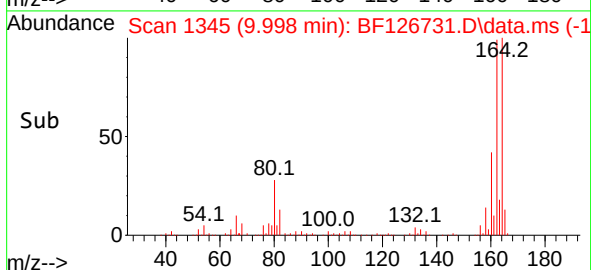
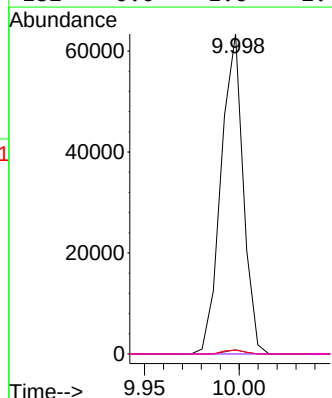
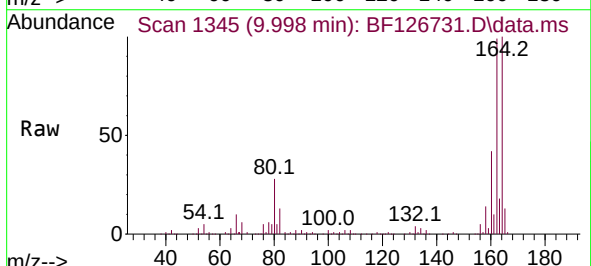
Ion Ratio Lower Upper

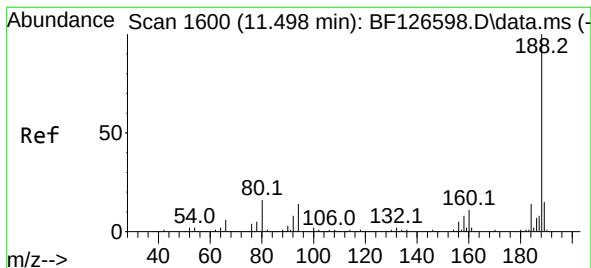
165 100

63 1.3 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

Instrument :

BNA_F

ClientSampleId :

17B-MISC-A

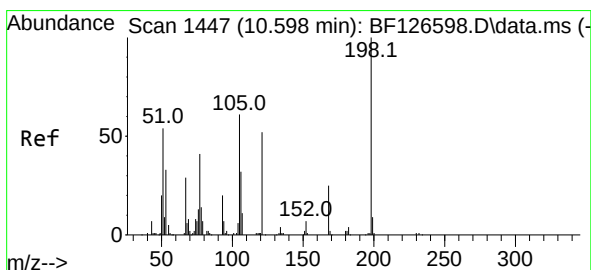
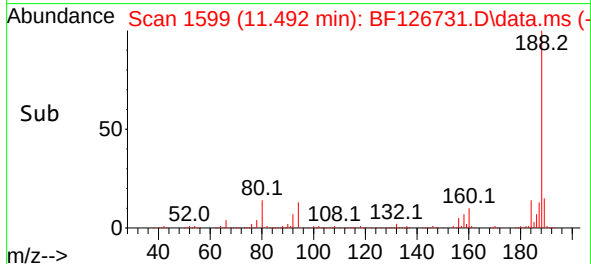
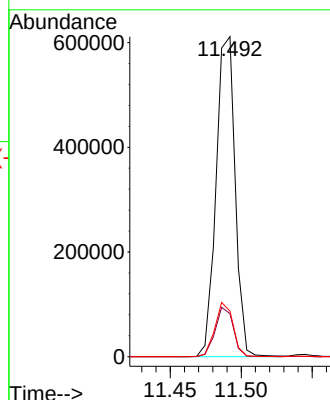
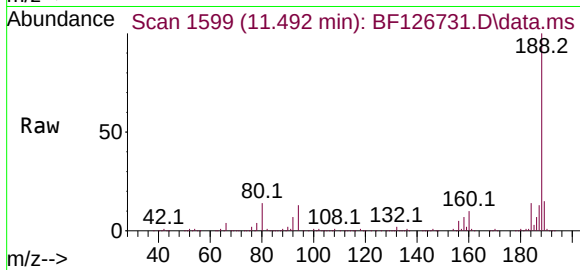
Tgt Ion:188 Resp: 571910

Ion Ratio Lower Upper

188 100

94 13.4 10.1 15.1

80 14.3 11.8 17.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.584 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF126731.D

Acq: 28 Jan 2022 22:01

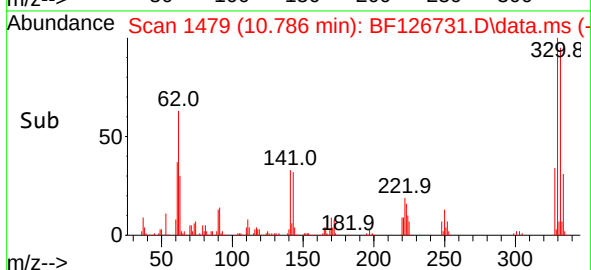
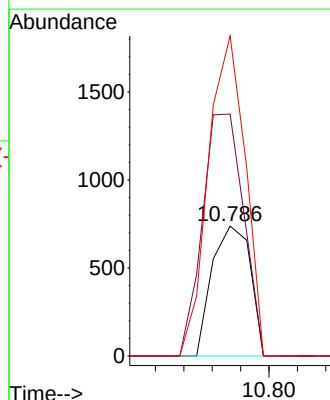
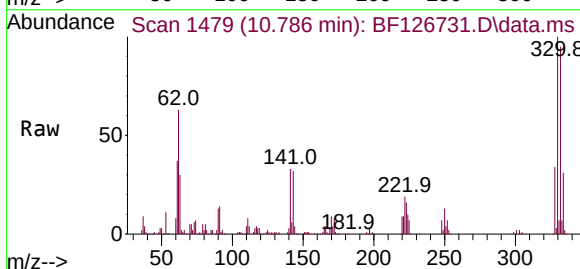
Tgt Ion:198 Resp: 687

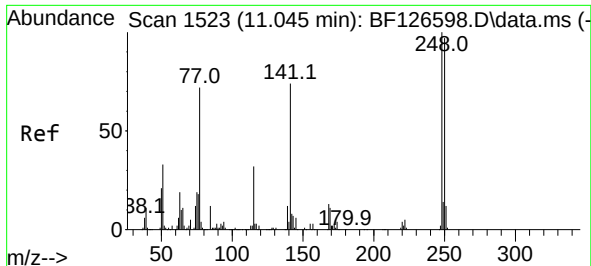
Ion Ratio Lower Upper

198 100

51 186.2 32.0 72.0#

105 246.3 32.7 72.7#

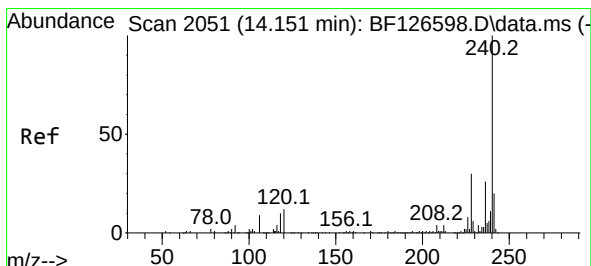
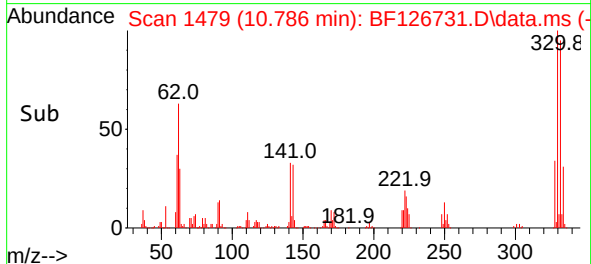
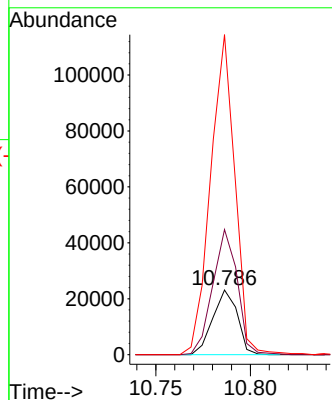
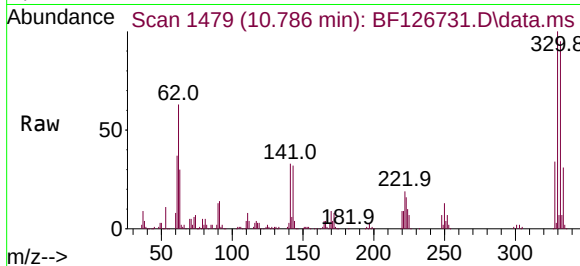




#67
4-Bromophenyl-phenylether
Concen: 3.171 ng
RT: 10.786 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

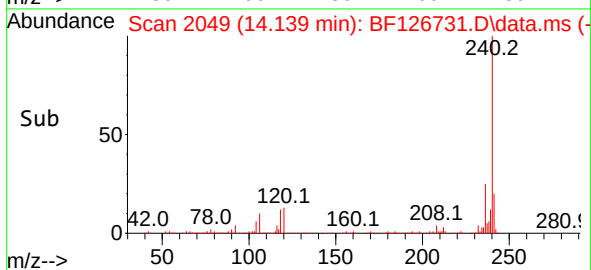
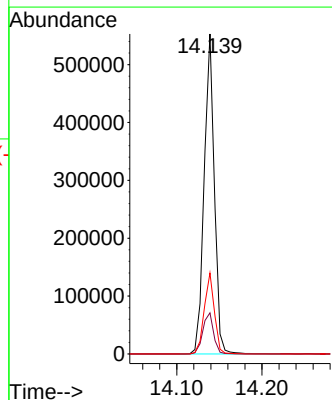
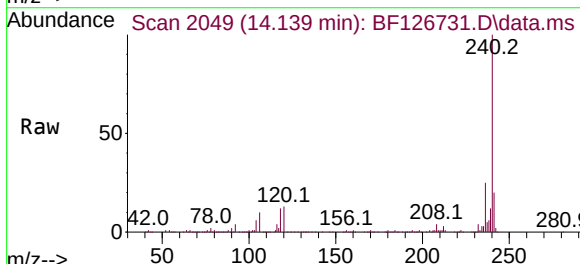
Instrument :
BNA_F
ClientSampleId :
17B-MISC-A

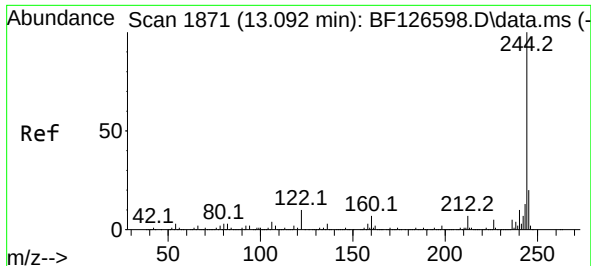
Tgt Ion:248 Resp: 20899
Ion Ratio Lower Upper
248 100
250 193.7 76.2 114.4#
141 495.2 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126731.D
Acq: 28 Jan 2022 22:01

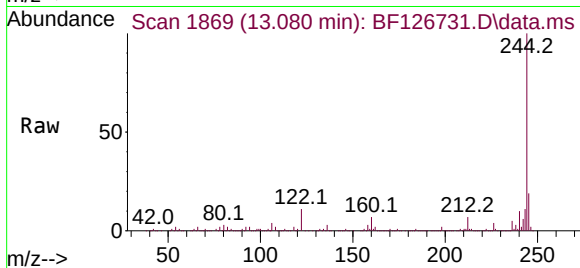
Tgt Ion:240 Resp: 460005
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.3 20.5 30.7



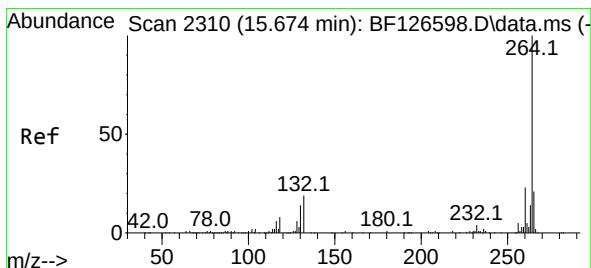
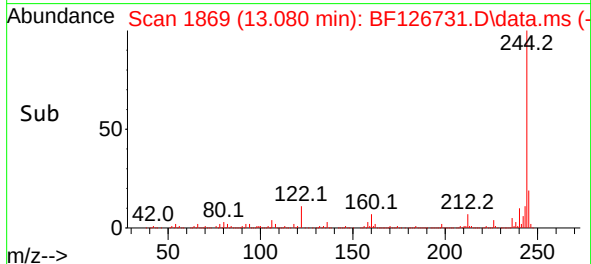
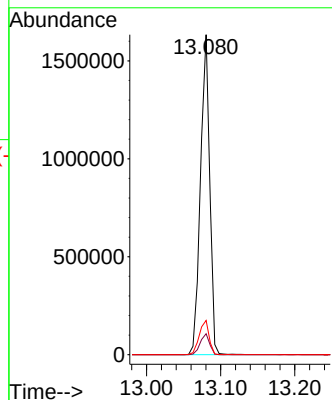


#79
 Terphenyl-d14
 Concen: 51.392 ng
 RT: 13.080 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BF126731.D
 Acq: 28 Jan 2022 22:01

Instrument :
 BNA_F
 ClientSampleId :
 17B-MISC-A



Tgt Ion:244 Resp: 1409472
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.000 min
 Lab File: BF126731.D
 Acq: 28 Jan 2022 22:01

Tgt Ion:264 Resp: 474600
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.0 17.4 26.2

