

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126720.D
 Acq On : 28 Jan 2022 17:04
 Operator : CG/JU
 Sample : N1319-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2S

Quant Time: Jan 29 02:27:44 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)

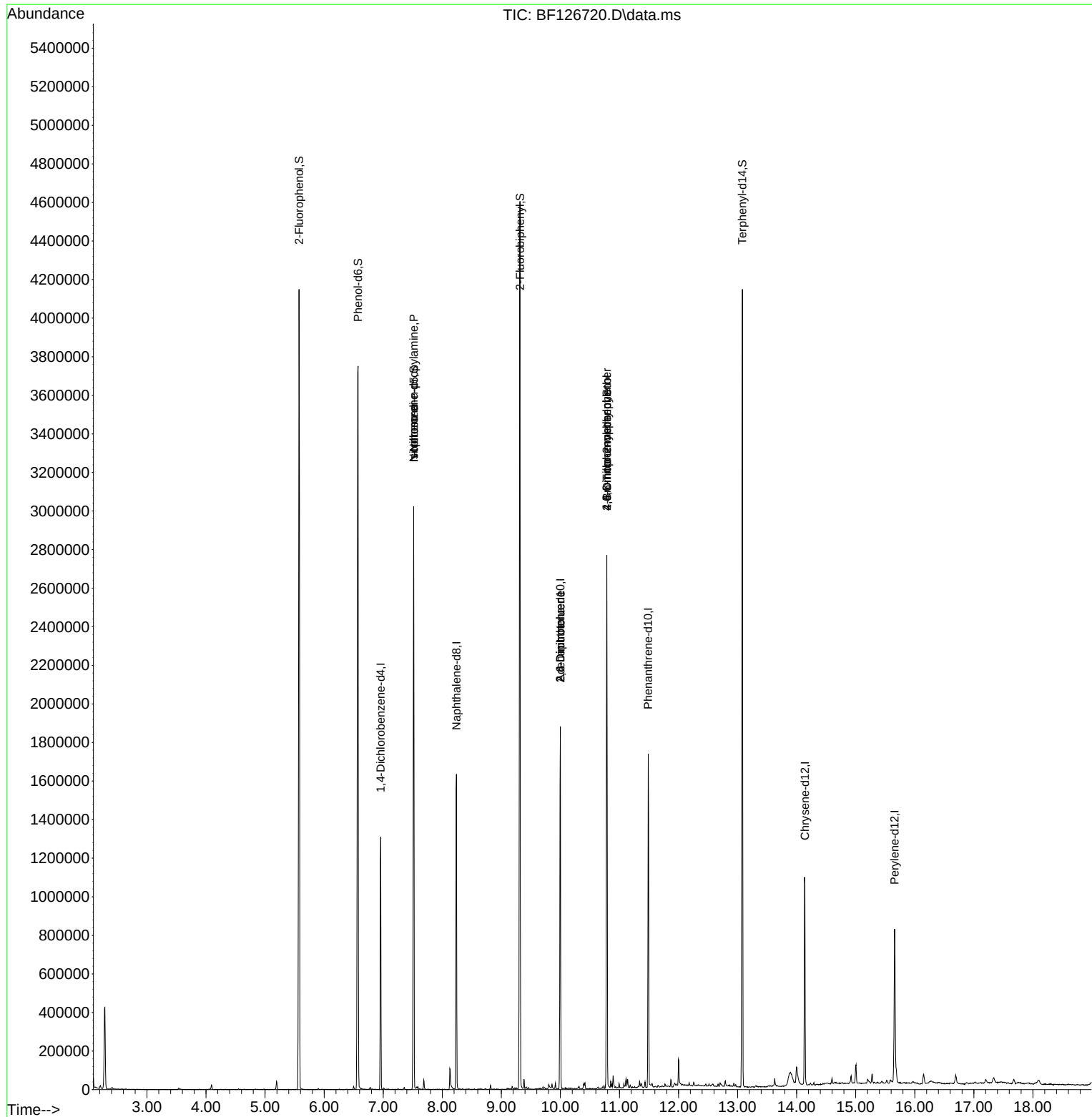
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	175855	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	685306	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	355753	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	571086	20.000	ng	0.00
76) Chrysene-d12	14.139	240	361634	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	350182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1176714	88.052	ng	0.00
7) Phenol-d6	6.575	99	1593105	85.801	ng	0.00
23) Nitrobenzene-d5	7.516	82	1105946	63.166	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	285139	85.645	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1387130	59.715	ng	0.00
79) Terphenyl-d14	13.080	244	1310690	60.790	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	303	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.516	70	145049	10.704	ng	# 68
25) Isophorone	7.516	82	1099963	32.395	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	45963	10.542	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	45963	8.699	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.786	198	691	7.586	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	18885	2.869	ng	# 1

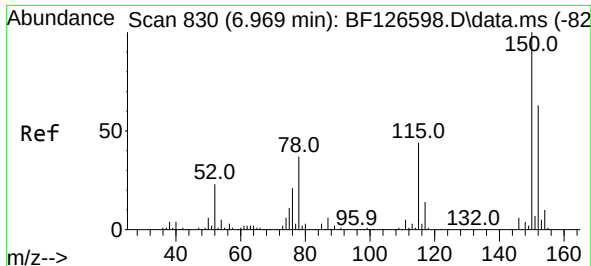
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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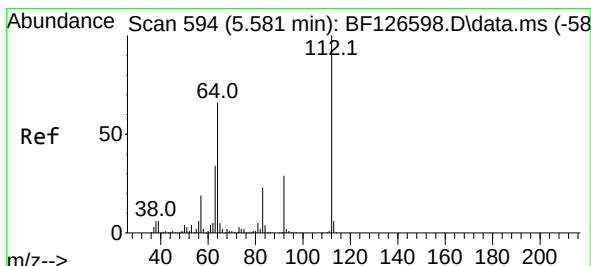
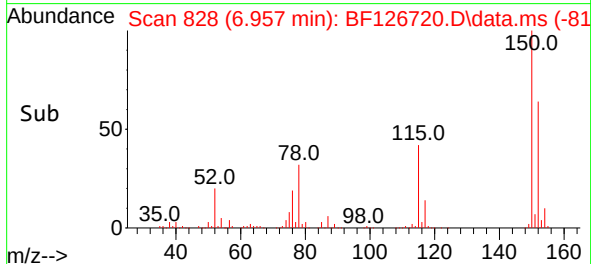
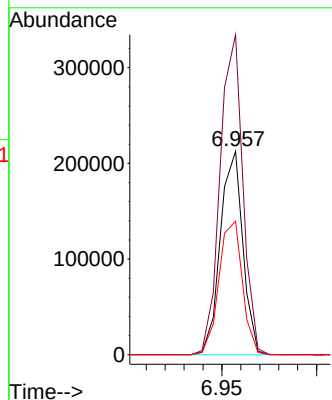
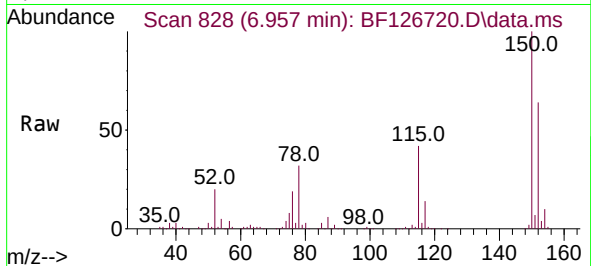




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

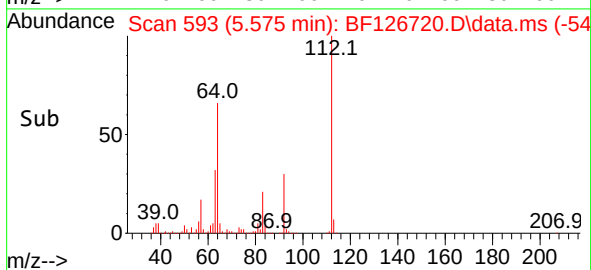
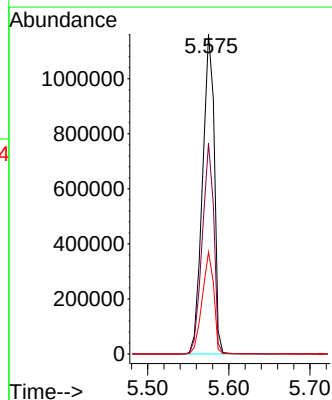
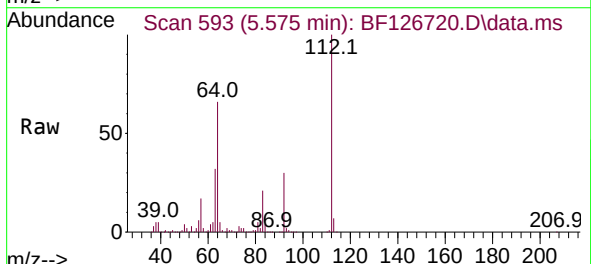
Instrument :
BNA_F
ClientSampleId :
MH-2S

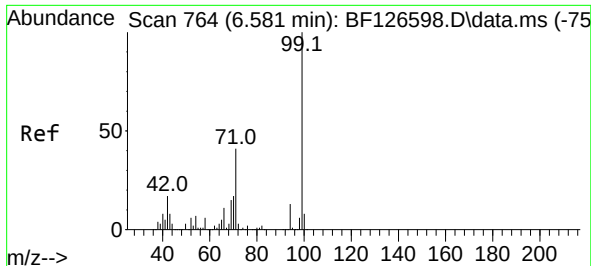
Tgt Ion:152 Resp: 175855
Ion Ratio Lower Upper
152 100
150 157.3 128.1 192.1
115 65.6 56.7 85.1



#5
2-Fluorophenol
Concen: 88.052 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:112 Resp: 1176714
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 31.8 23.9 35.9

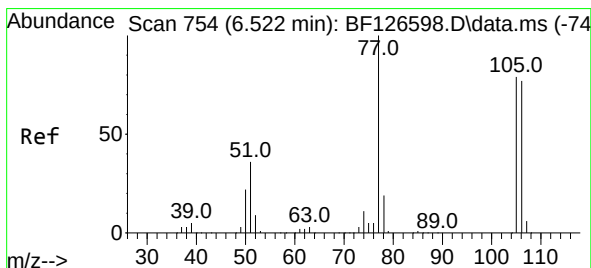
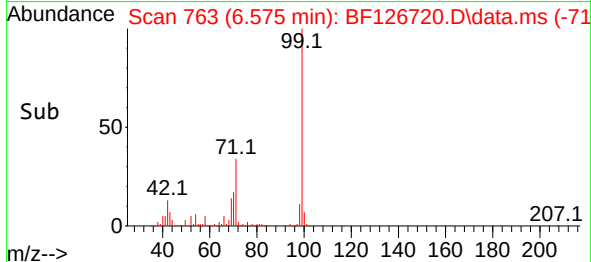
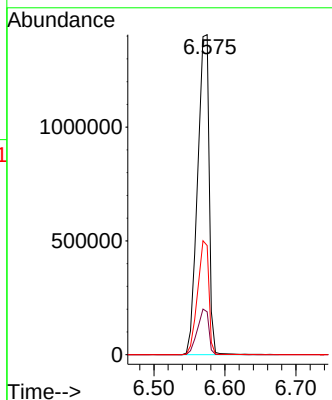
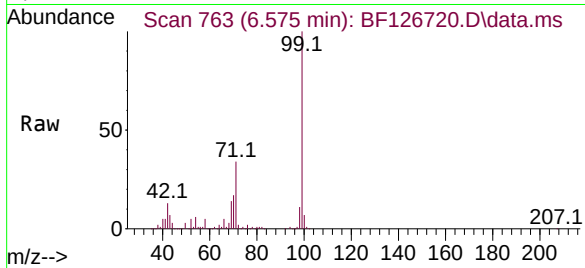




#7
Phenol-d6
Concen: 85.801 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

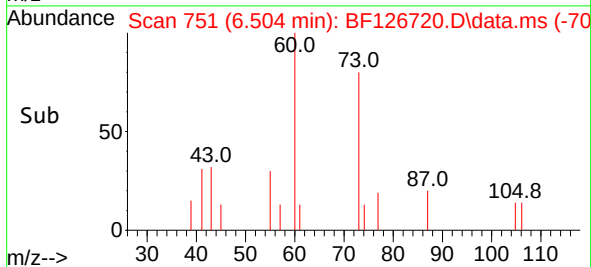
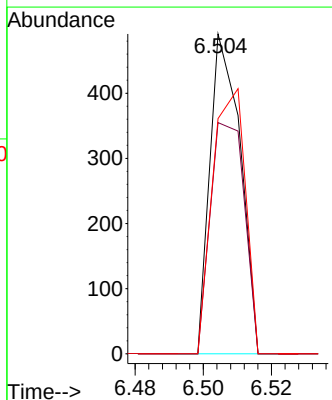
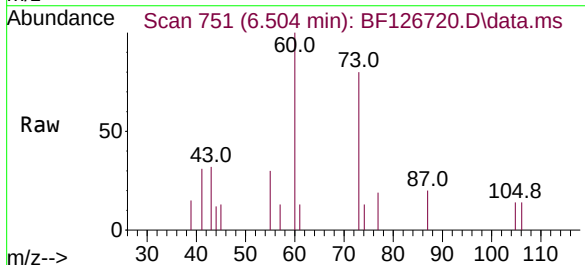
Instrument :
BNA_F
ClientSampleId :
MH-2S

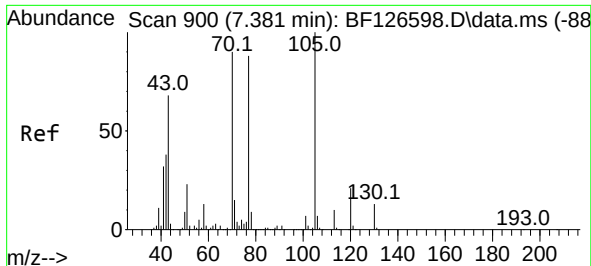
Tgt Ion: 99 Resp: 1593105
Ion Ratio Lower Upper
99 100
42 13.4 14.2 21.4#
71 34.1 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion: 77 Resp: 303
Ion Ratio Lower Upper
77 100
105 72.3 74.9 114.9#
106 73.5 72.4 112.4

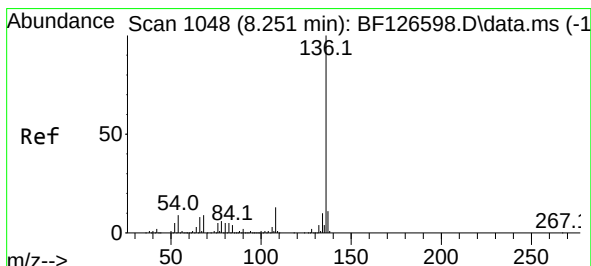
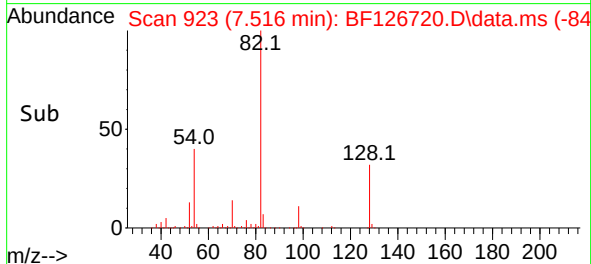
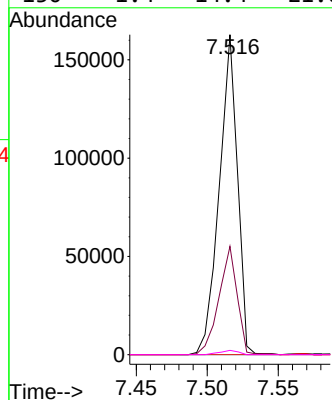
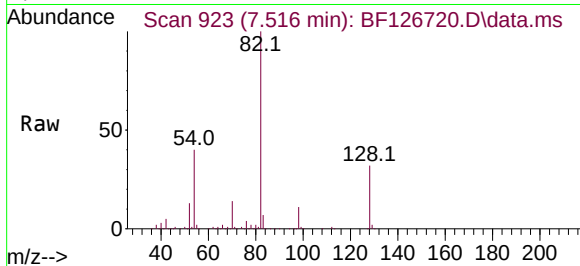




#19
n-Nitroso-di-n-propylamine
Concen: 10.704 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

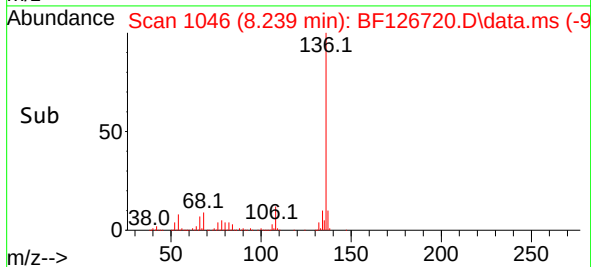
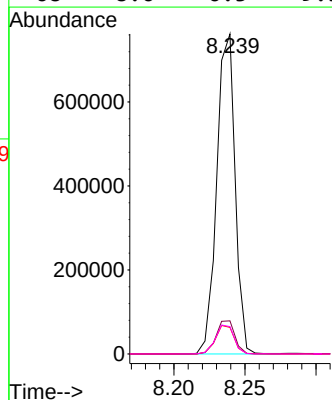
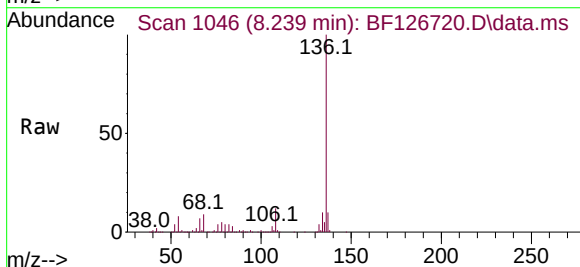
Instrument :
BNA_F
ClientSampleId :
MH-2S

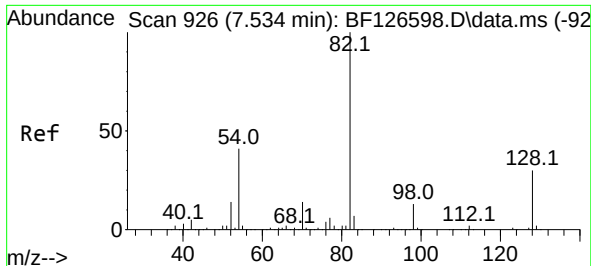
Tgt Ion: 70 Resp: 145049
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion: 136 Resp: 685306
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.3 7.8 11.6
68 8.6 6.3 9.5





#23

Nitrobenzene-d5

Concen: 63.166 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126720.D

Acq: 28 Jan 2022 17:04

Instrument :

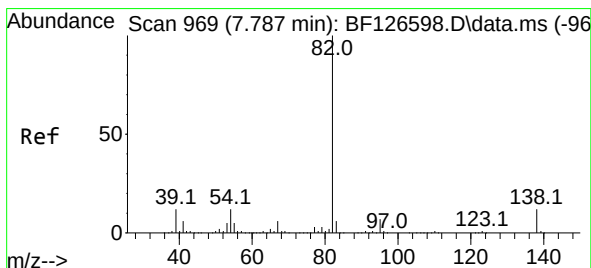
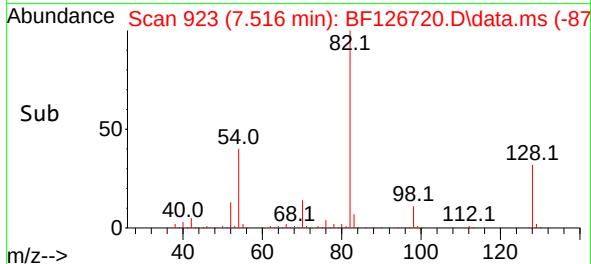
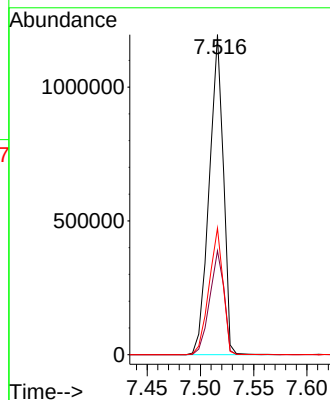
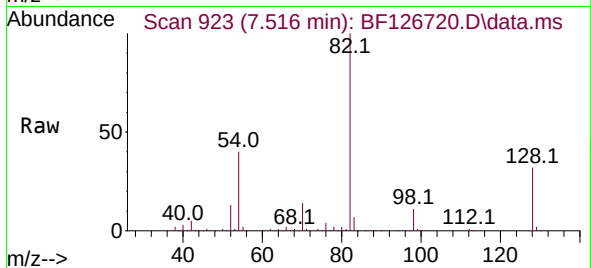
BNA_F

ClientSampleId :

MH-2S

Tgt Ion: 82 Resp: 1105946

Ion	Ratio	Lower	Upper
82	100		
128	32.4	32.7	49.1#
54	39.6	41.7	62.5#



#25

Isophorone

Concen: 32.395 ng

RT: 7.516 min Scan# 923

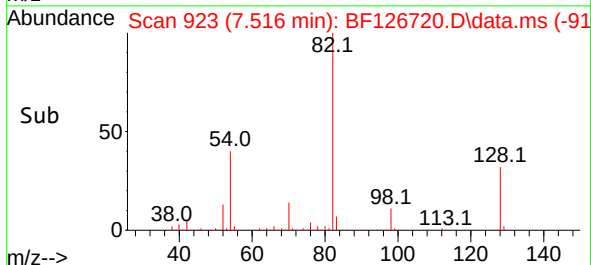
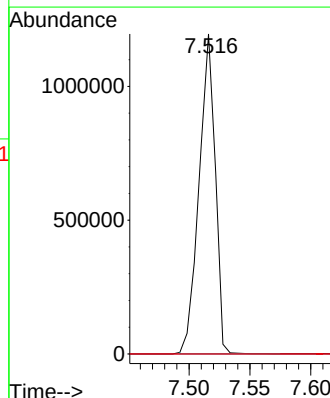
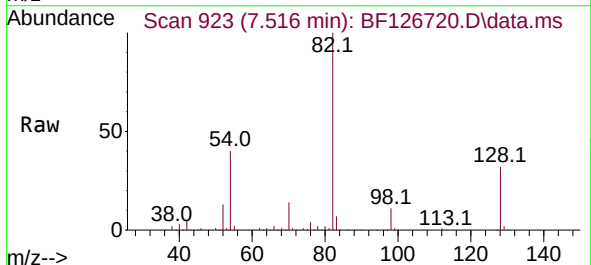
Delta R.T. -0.265 min

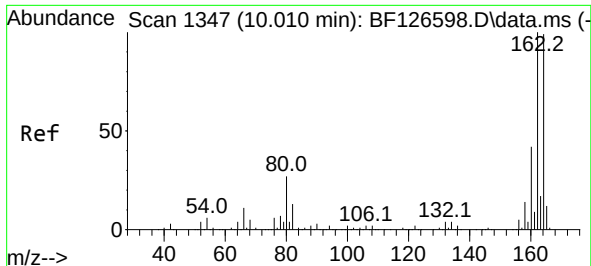
Lab File: BF126720.D

Acq: 28 Jan 2022 17:04

Tgt Ion: 82 Resp: 1099963

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.3	18.5#

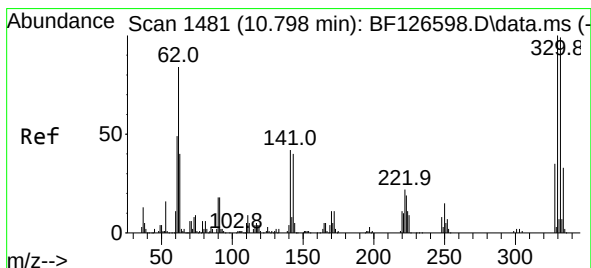
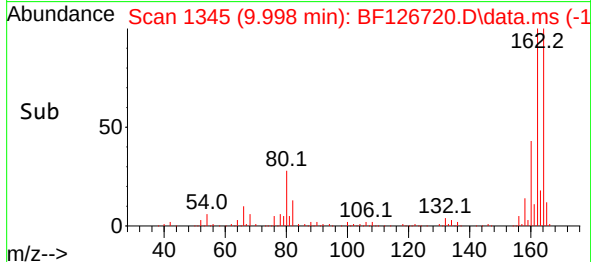
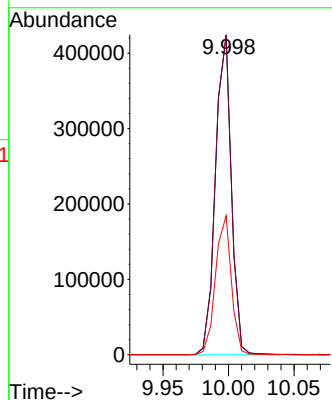
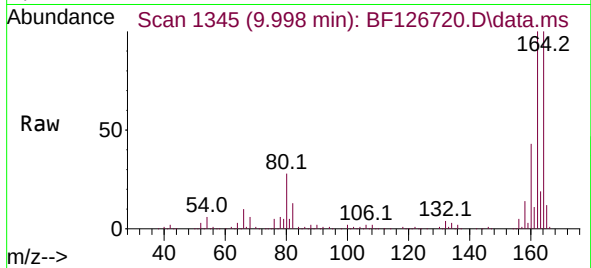




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

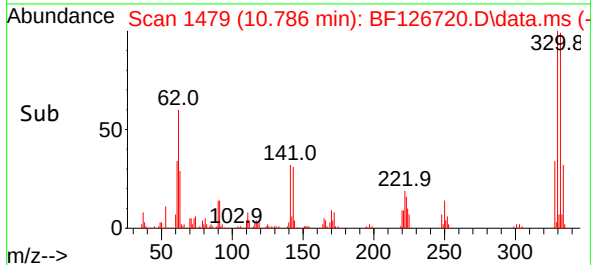
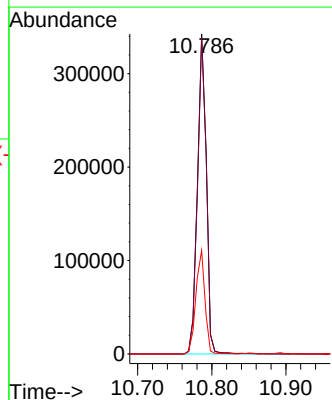
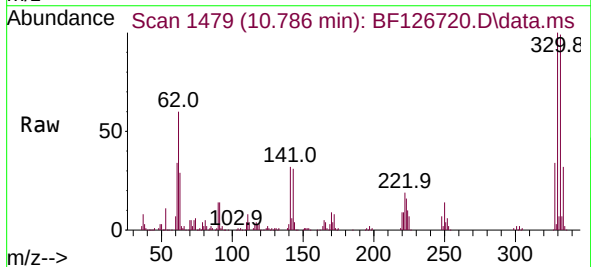
Instrument :
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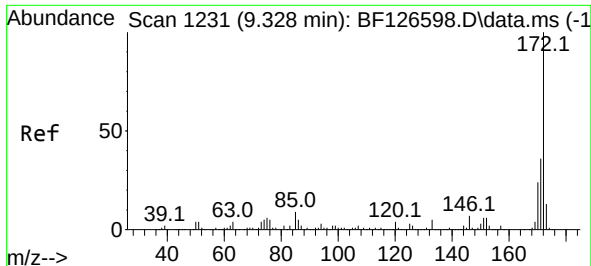
Tgt Ion:164 Resp: 355753
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 43.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 85.645 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:330 Resp: 285139
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 33.1 30.1 45.1

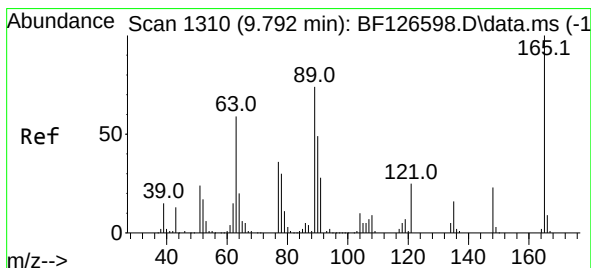
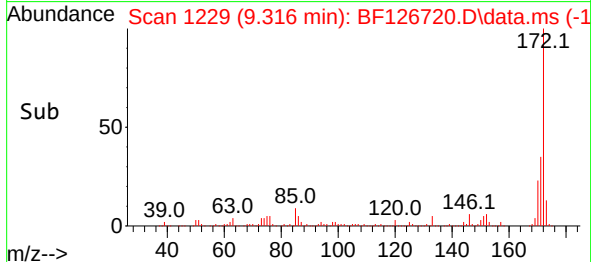
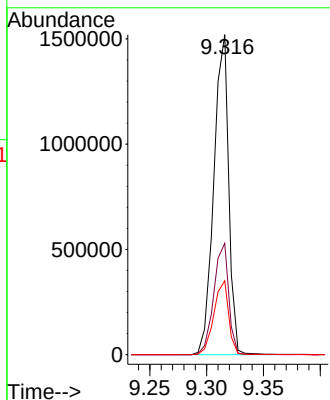
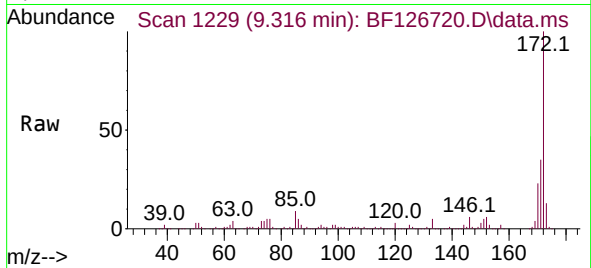




#45
2-Fluorobiphenyl
Concen: 59.715 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

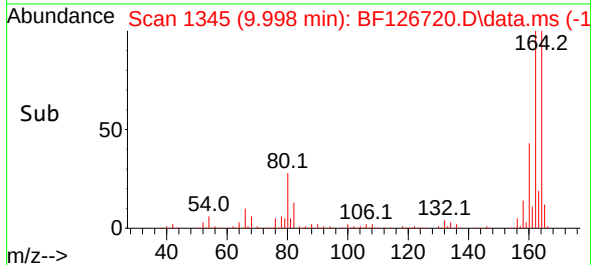
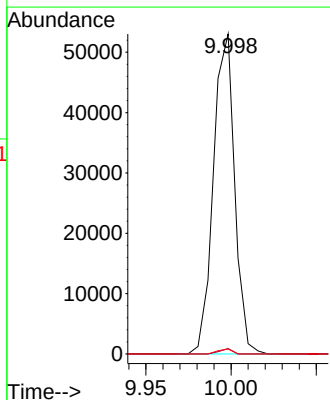
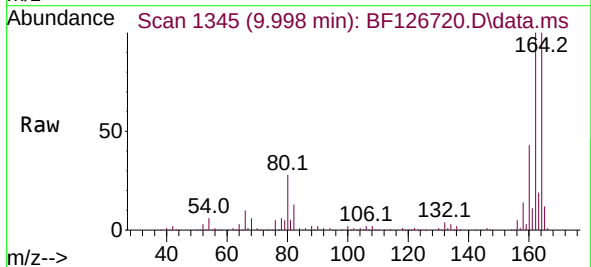
Instrument :
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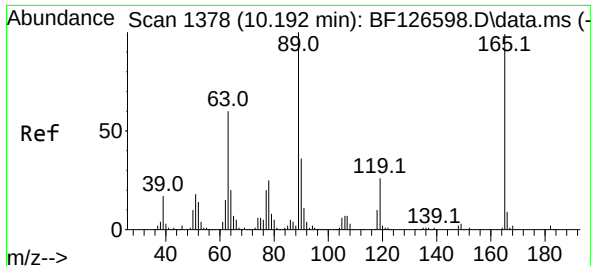
Tgt Ion:172 Resp: 1387130
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.542 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:165 Resp: 45963
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.5 50.5 75.7#

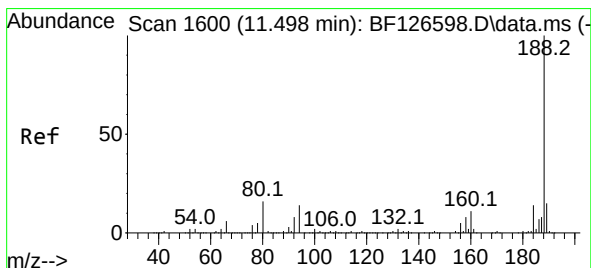
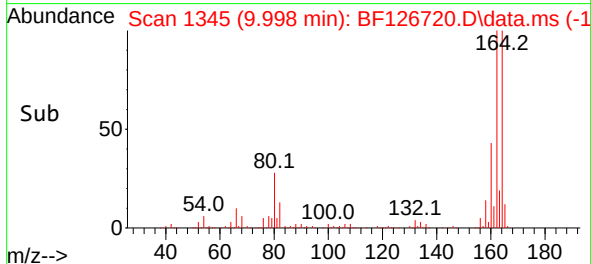
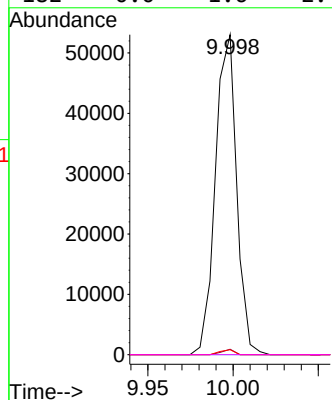
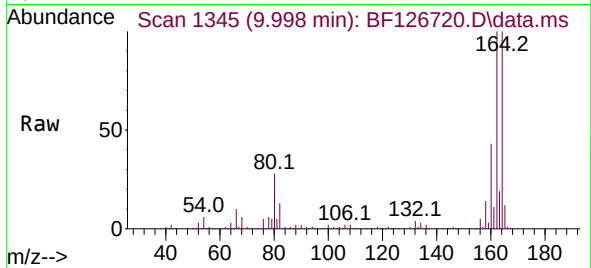




#57
2,4-Dinitrotoluene
Concen: 8.699 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

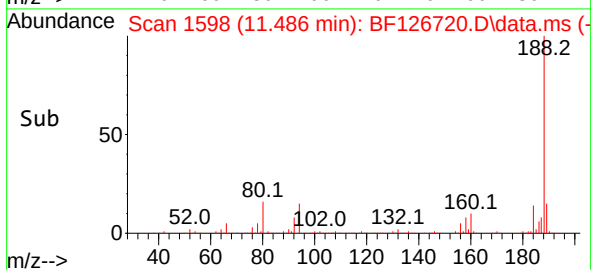
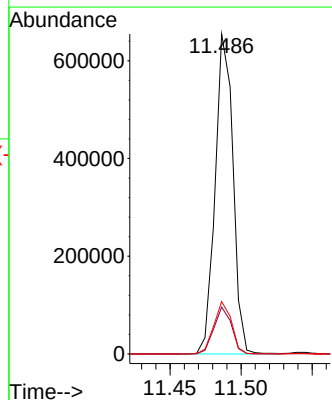
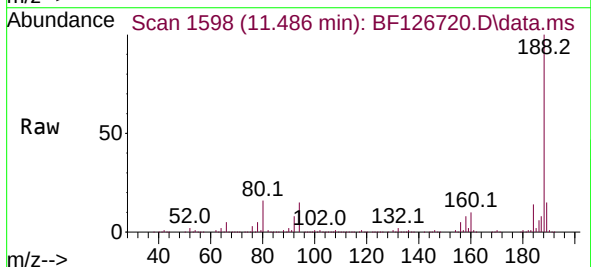
Instrument :
BNA_F
ClientSampleId :
MH-2S

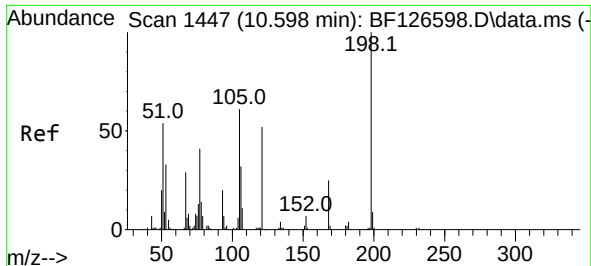
Tgt Ion:165 Resp: 45963
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:188 Resp: 571086
Ion Ratio Lower Upper
188 100
94 14.6 10.1 15.1
80 16.4 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.586 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126720.D

Acq: 28 Jan 2022 17:04

Instrument :

BNA_F

ClientSampleId :

MH-2S

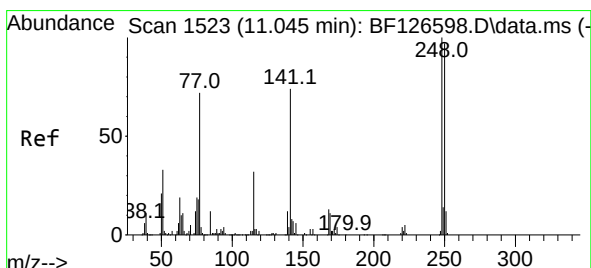
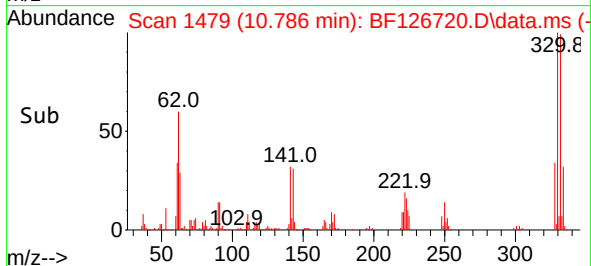
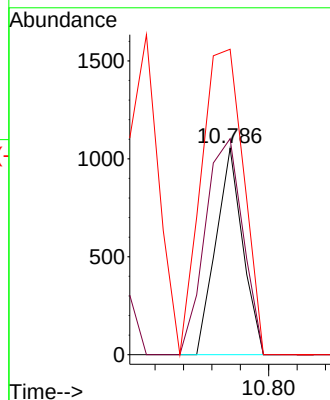
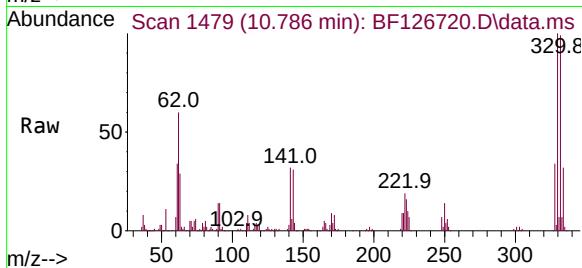
Tgt Ion:198 Resp: 691

Ion Ratio Lower Upper

198 100

51 104.5 32.0 72.0#

105 147.9 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.869 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126720.D

Acq: 28 Jan 2022 17:04

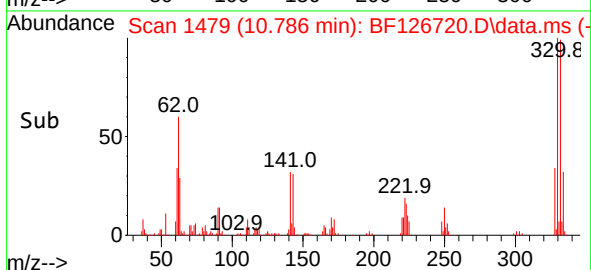
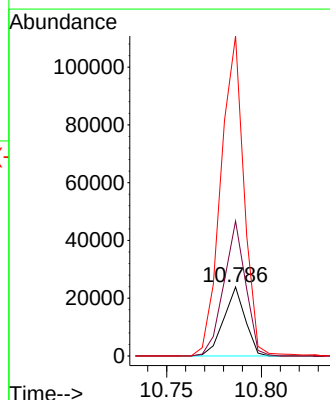
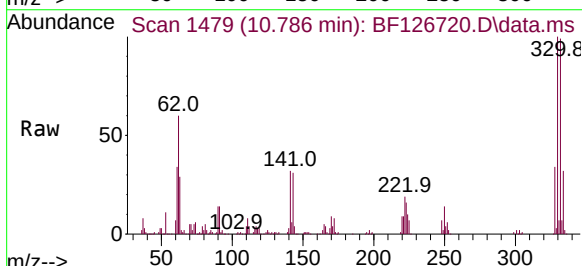
Tgt Ion:248 Resp: 18885

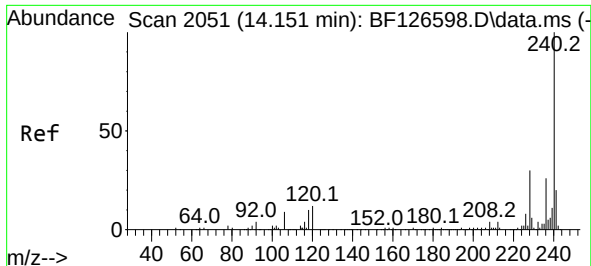
Ion Ratio Lower Upper

248 100

250 195.7 76.2 114.4#

141 464.2 66.2 99.4#

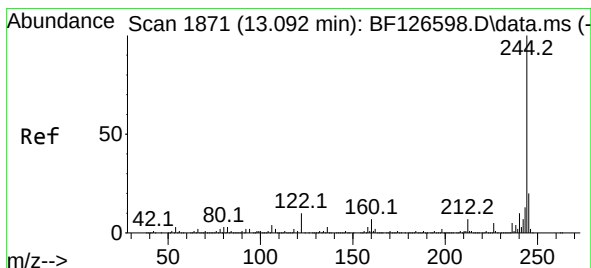
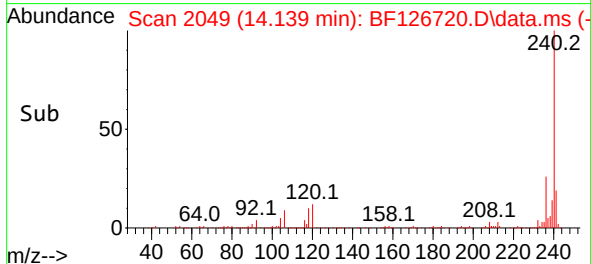
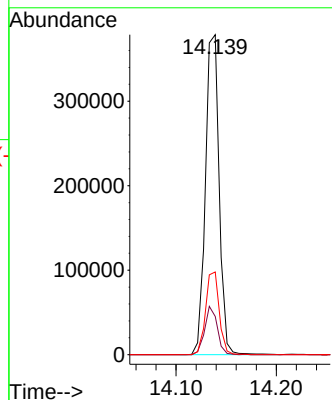
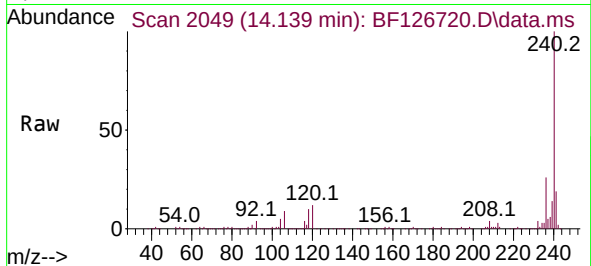




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

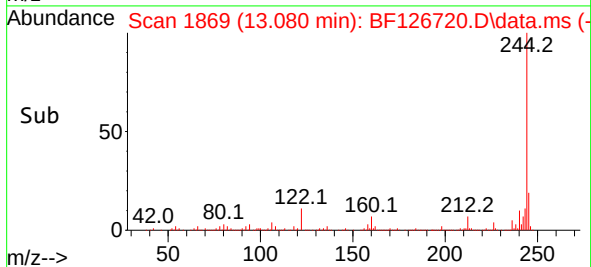
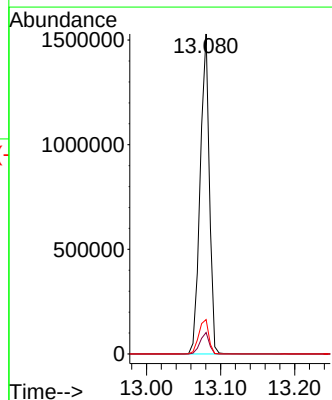
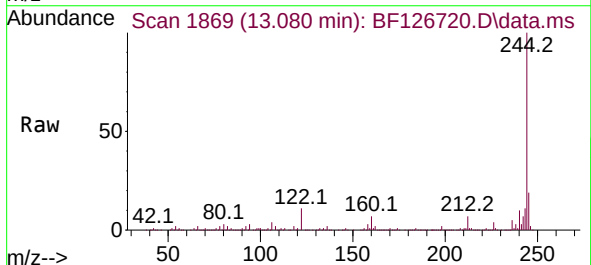
Instrument :
BNA_F
ClientSampleId :
MH-2S

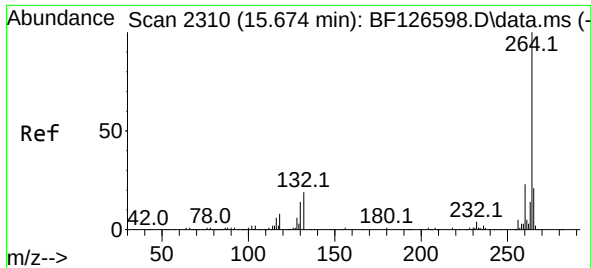
Tgt Ion:240 Resp: 361634
Ion Ratio Lower Upper
240 100
120 12.0 14.4 21.6#
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 60.790 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Tgt Ion:244 Resp: 1310690
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126720.D
Acq: 28 Jan 2022 17:04

Instrument :
BNA_F
ClientSampleId :
MH-2S

Tgt Ion:264 Resp: 350182
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 22.2 17.4 26.2

