

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126723.D
 Acq On : 28 Jan 2022 18:25
 Operator : CG/JU
 Sample : N1319-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Quant Time: Jan 29 02:28:30 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)

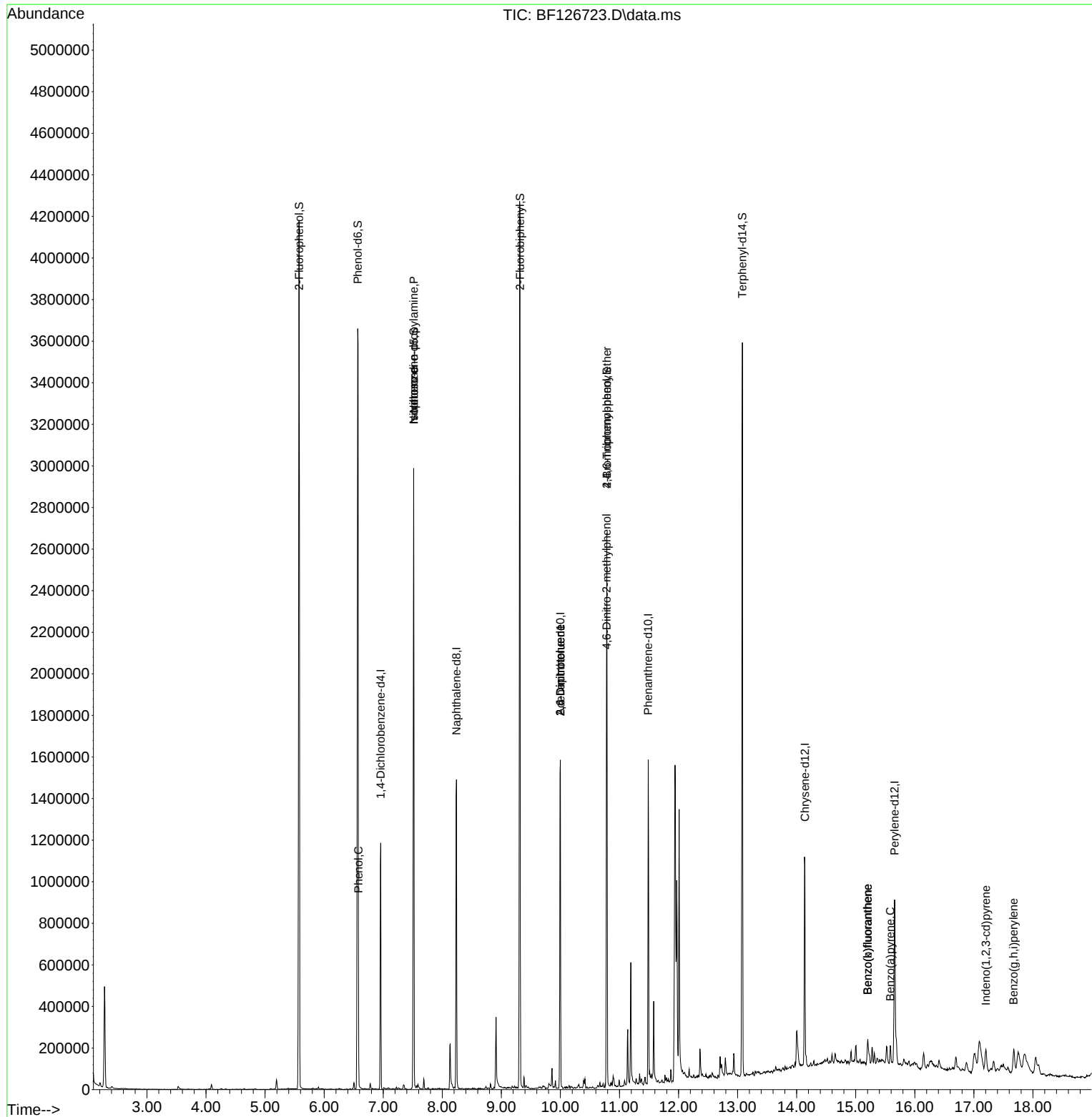
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	161157	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	619175	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	315627	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	486722	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	335982	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	356668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1148883	93.810	ng	0.00
7) Phenol-d6	6.569	99	1551700	91.193	ng	0.00
23) Nitrobenzene-d5	7.516	82	1065968	67.385	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	272543	92.269	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1345900	65.306	ng	0.00
79) Terphenyl-d14	13.080	244	1134683	56.645	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	671	Below Cal	#	81
10) Phenol	6.581	94	57136	3.157	ng	89
19) n-Nitroso-di-n-propyla...	7.516	70	142002	11.434	ng	# 68
25) Isophorone	7.516	82	1060567	34.571	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	40875	10.567	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	40875	8.720	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.781	198	718	7.633	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	17711	3.157	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.204	276	66382	3.012	ng	# 88
88) Benzo(b)fluoranthene	15.204	252	71845	3.038	ng	98
89) Benzo(k)fluoranthene	15.204	252	71845	3.094	ng	98
90) Benzo(a)pyrene	15.586	252	41050	2.133	ng	96
92) Benzo(g,h,i)perylene	17.674	276	83260	4.651	ng	# 92

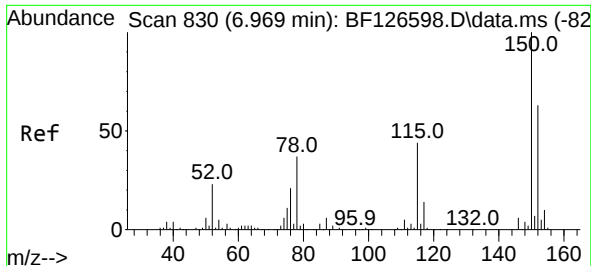
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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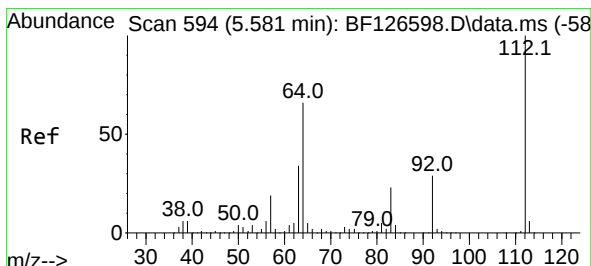
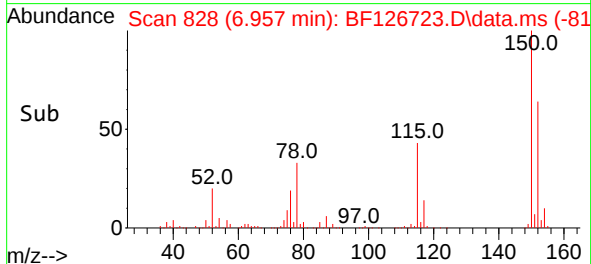
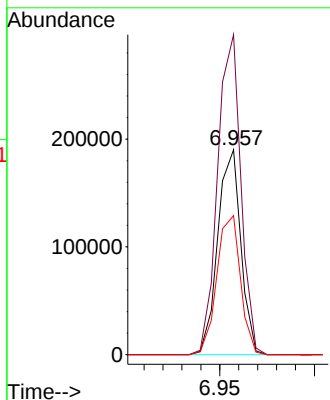
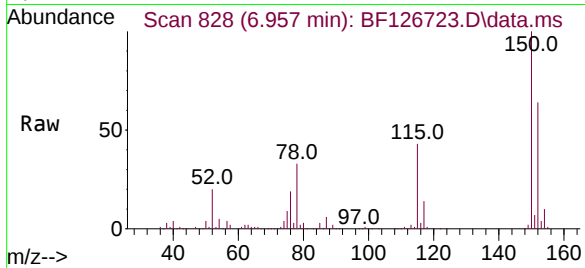




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

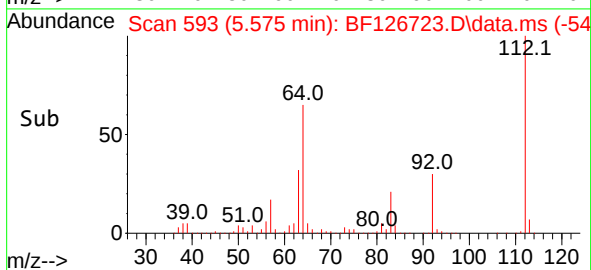
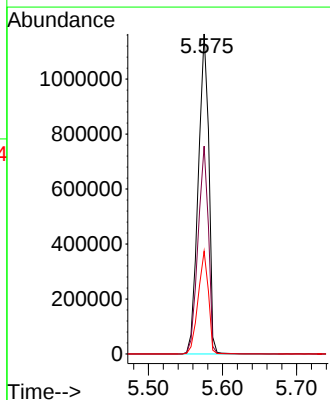
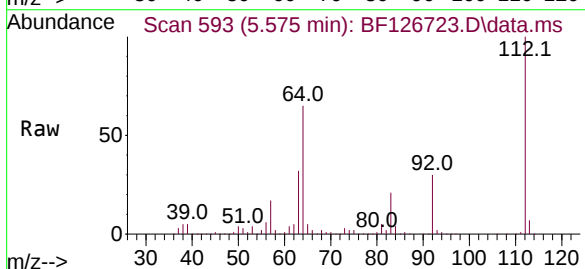
Instrument :
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MH-1S

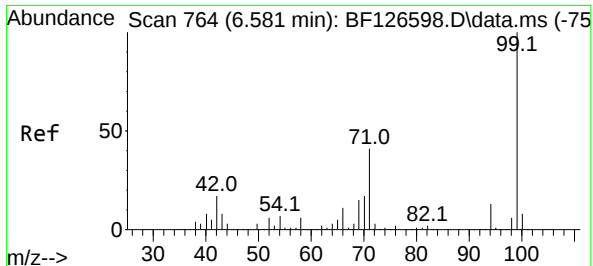
Tgt Ion:152 Resp: 161157
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 67.9 56.7 85.1



#5
2-Fluorophenol
Concen: 93.810 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:112 Resp: 1148883
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 32.1 23.9 35.9

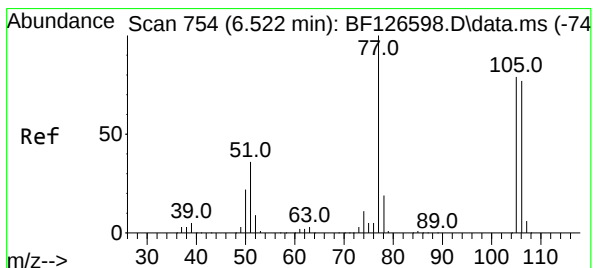
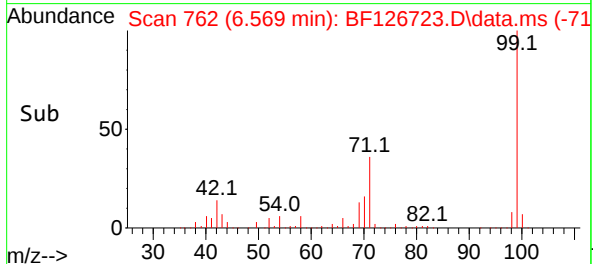
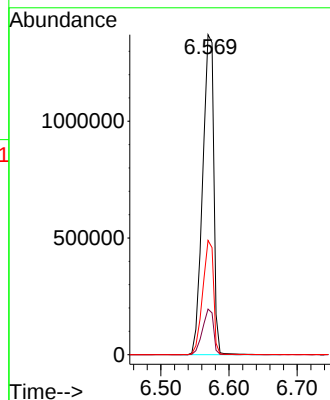
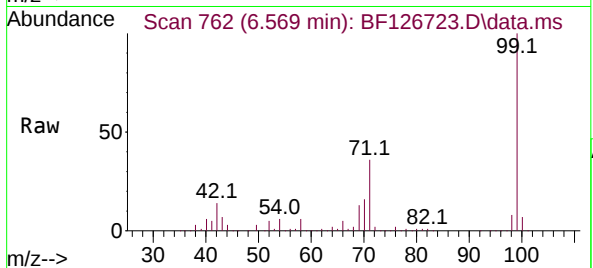




#7
Phenol-d6
Concen: 91.193 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

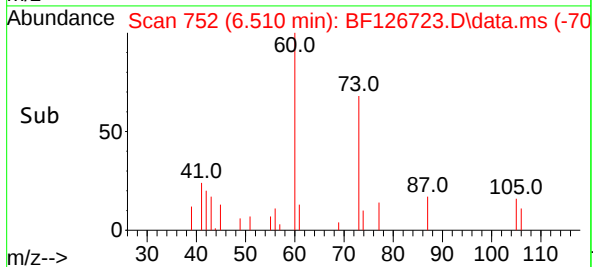
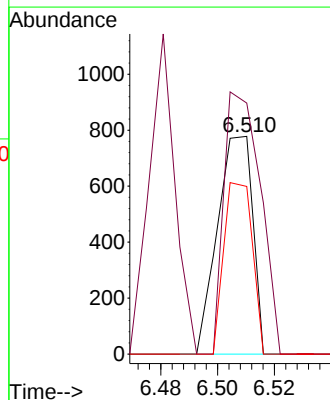
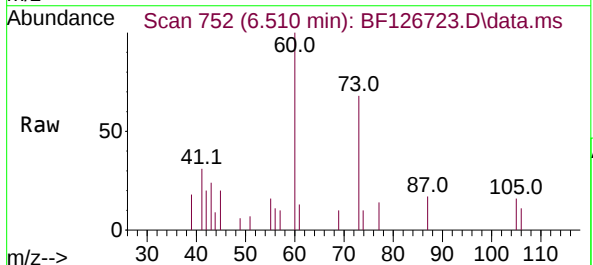
Instrument :
BNA_F
ClientSampleId :
MH-1S

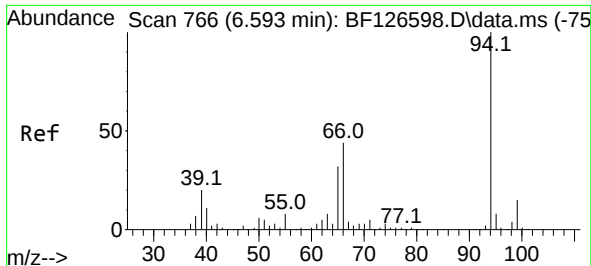
Tgt Ion: 99 Resp: 1551700
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 35.7 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion: 77 Resp: 671
Ion Ratio Lower Upper
77 100
105 115.3 74.9 114.9#
106 77.0 72.4 112.4

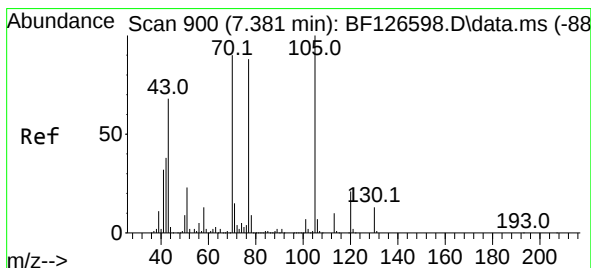
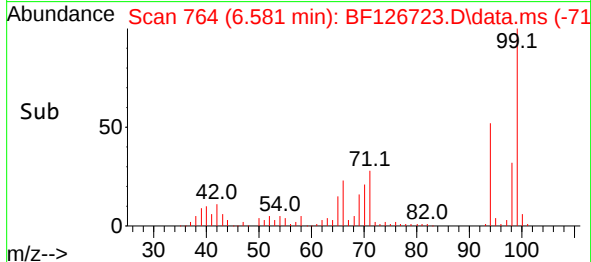
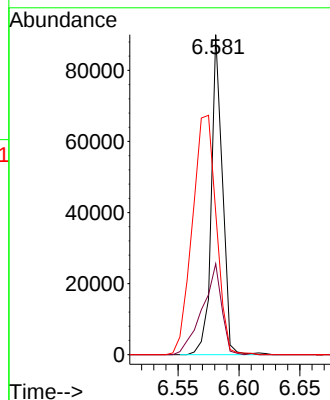
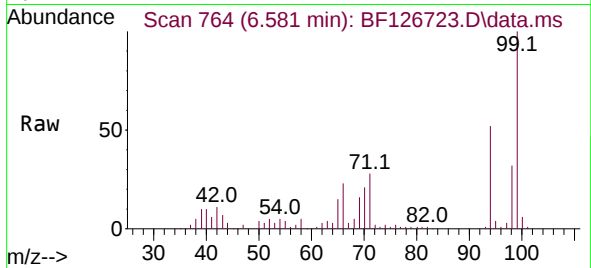




#10
Phenol
Concen: 3.157 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

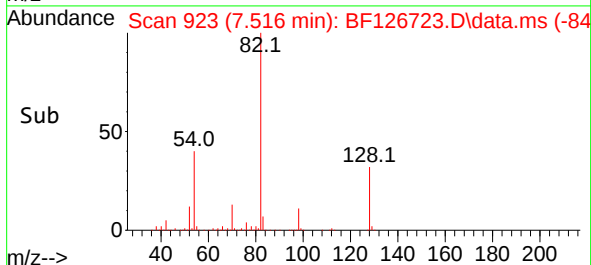
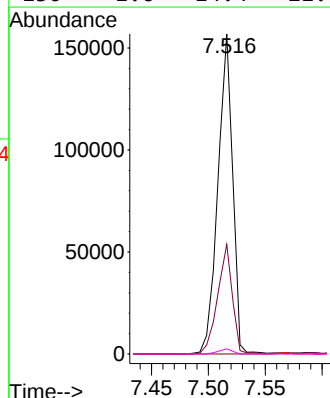
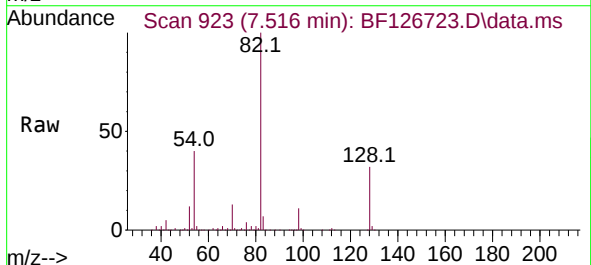
Instrument :
BNA_F
ClientSampleId :
MH-1S

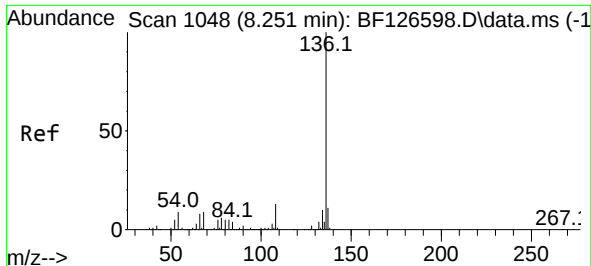
Tgt Ion: 94 Resp: 57136
Ion Ratio Lower Upper
94 100
65 28.4 7.2 47.2
66 44.5 14.5 54.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.434 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion: 70 Resp: 142002
Ion Ratio Lower Upper
70 100
42 34.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

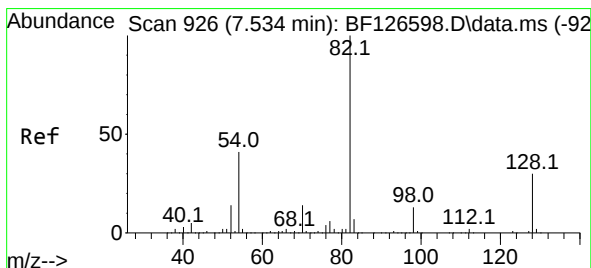
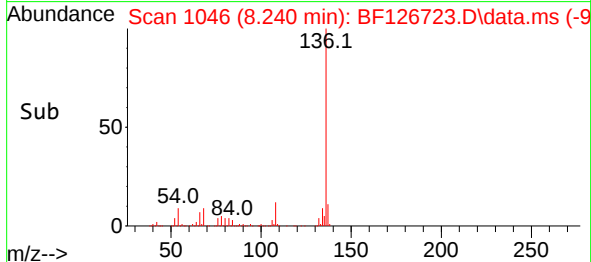
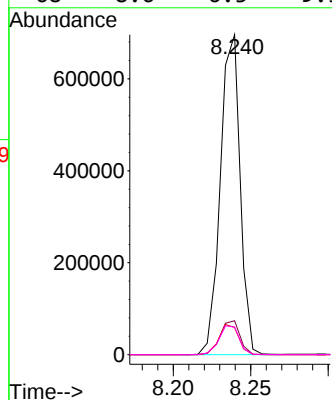
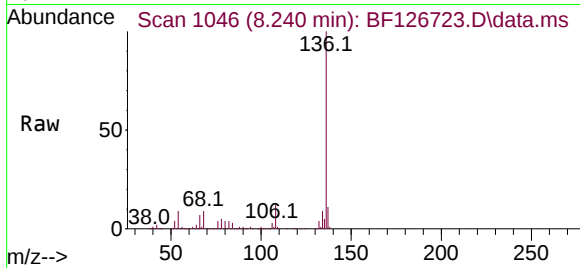




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

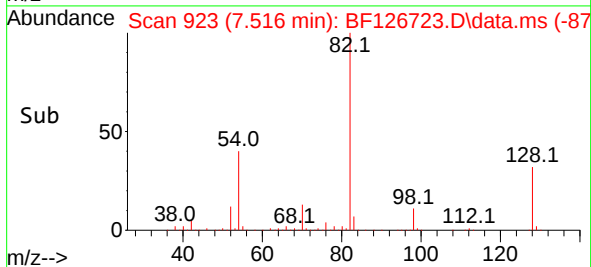
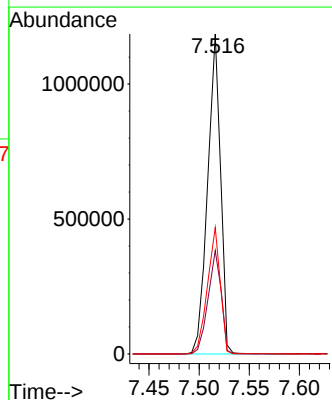
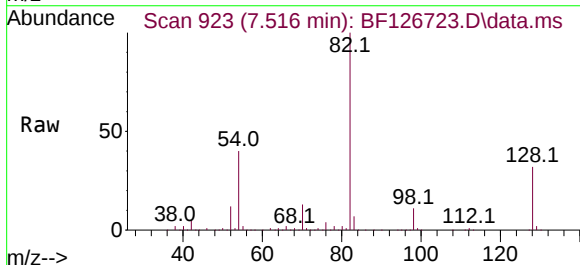
Instrument :
BNA_F
ClientSampleId :
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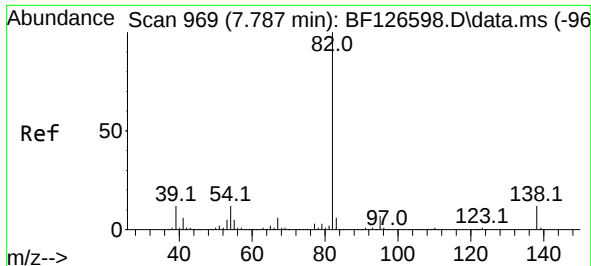
Tgt Ion:	136	Resp:	619175
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.5	7.8	11.6
68	8.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 67.385 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:	82	Resp:	1065968
Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.7	49.1#
54	39.5	41.7	62.5#

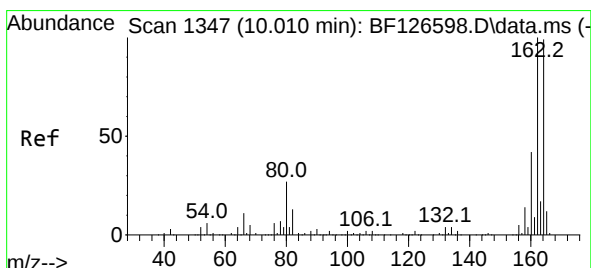
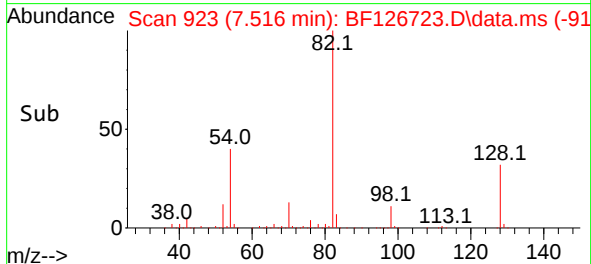
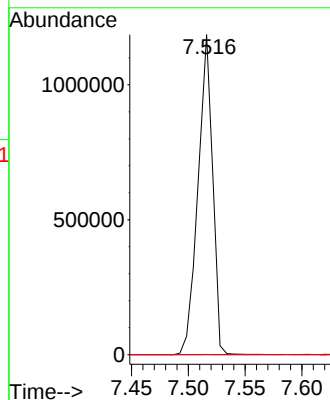
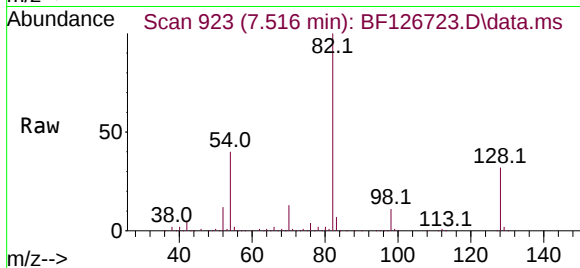




#25
Isophorone
Concen: 34.571 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

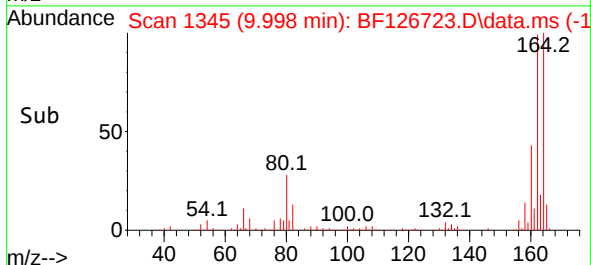
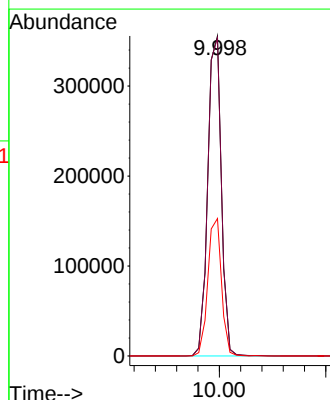
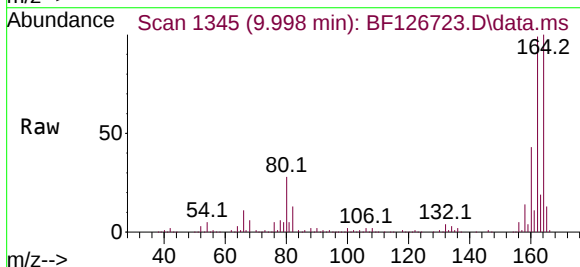
Instrument :
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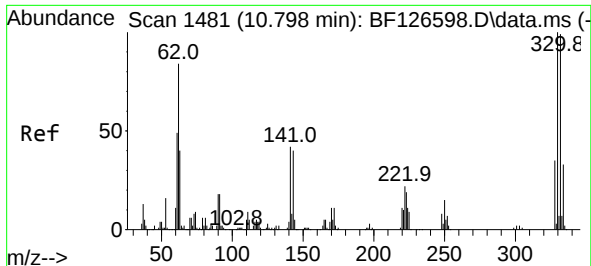
Tgt Ion: 82 Resp: 1060567
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:164 Resp: 315627
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 42.9 36.6 54.8

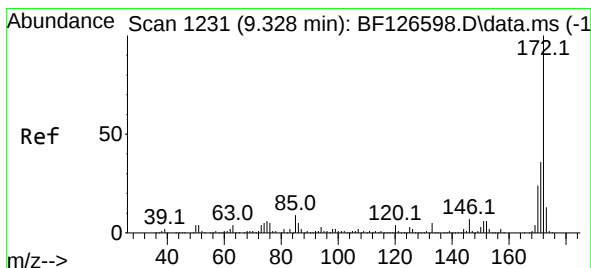
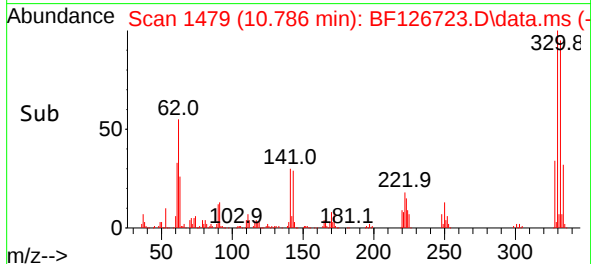
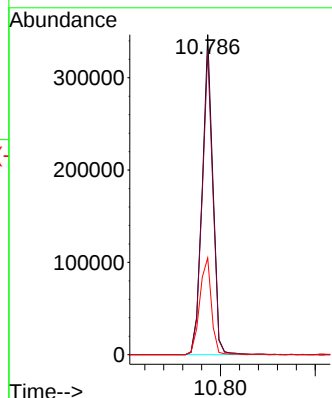
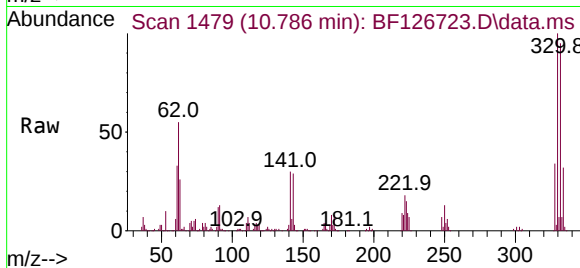




#42
2,4,6-Tribromophenol
Concen: 92.269 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

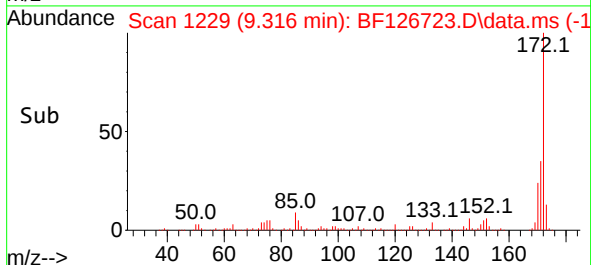
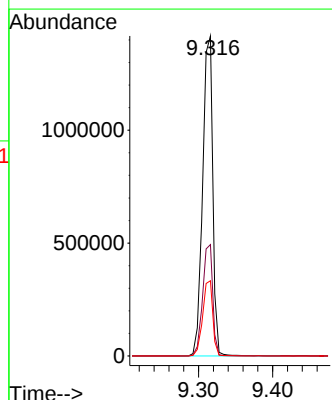
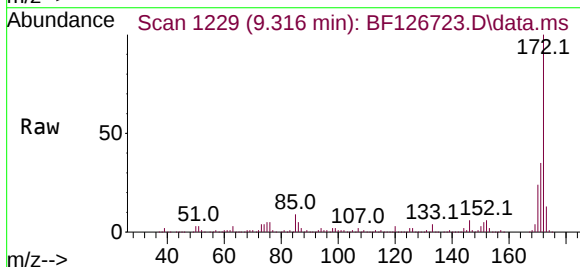
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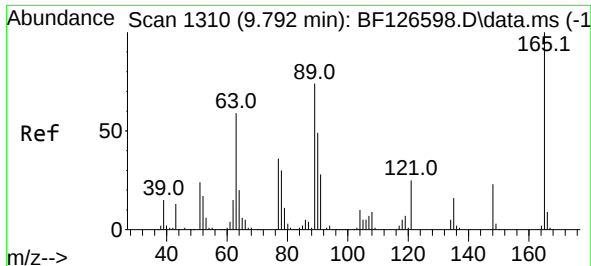
Tgt Ion:330 Resp: 272543
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 32.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.306 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:172 Resp: 1345900
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.5 19.0 28.6

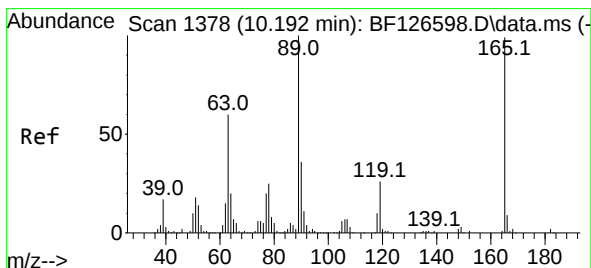
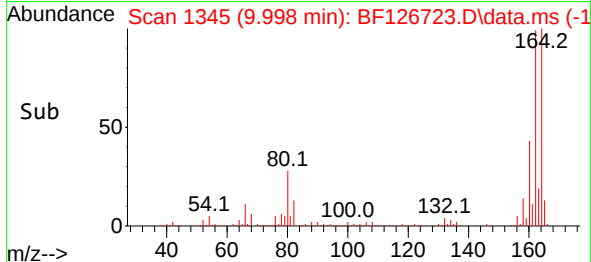
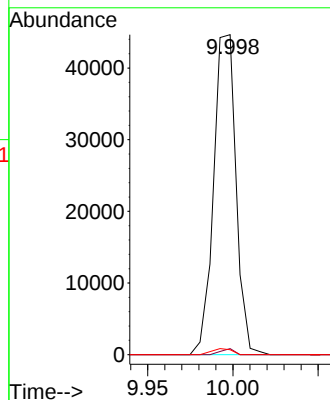
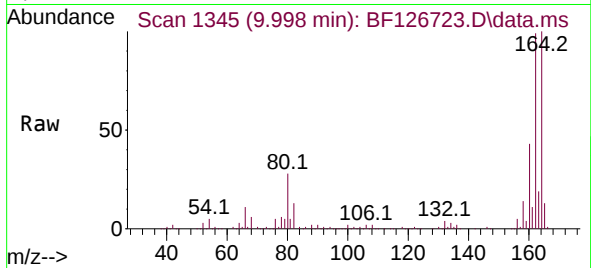




#51
2,6-Dinitrotoluene
Concen: 10.567 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

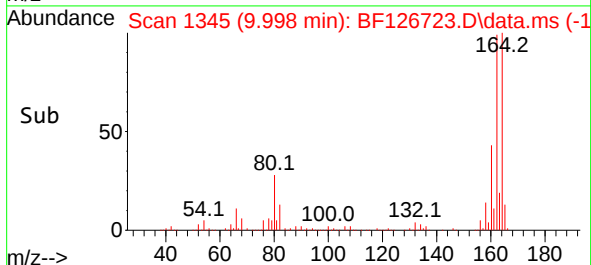
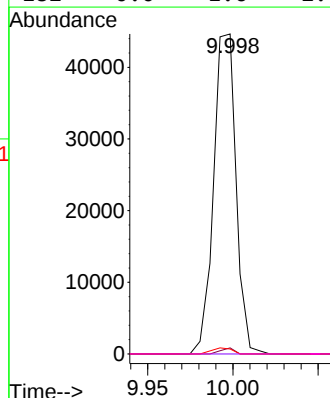
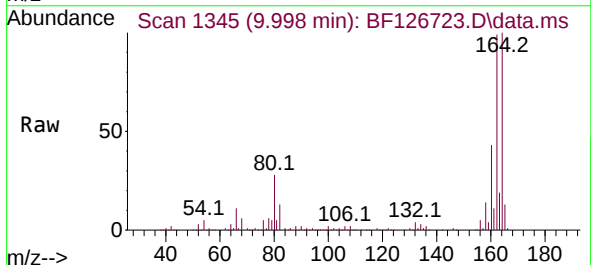
Instrument :
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ClientSampleId :
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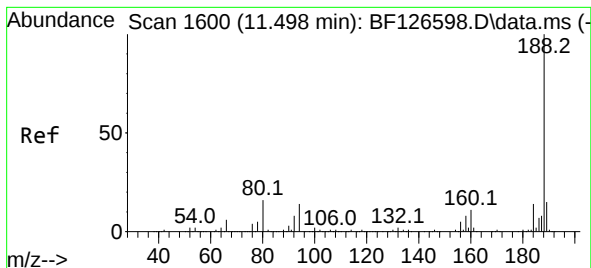
Tgt Ion:165 Resp: 40875
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 8.720 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:165 Resp: 40875
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126723.D

Acq: 28 Jan 2022 18:25

Instrument :

BNA_F

ClientSampleId :

MH-1S

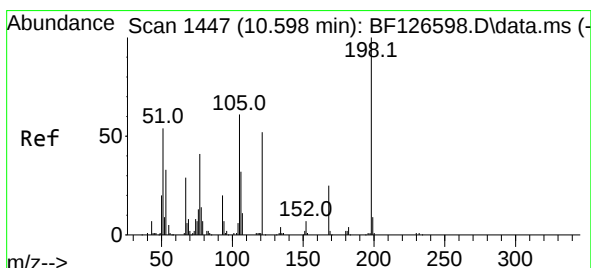
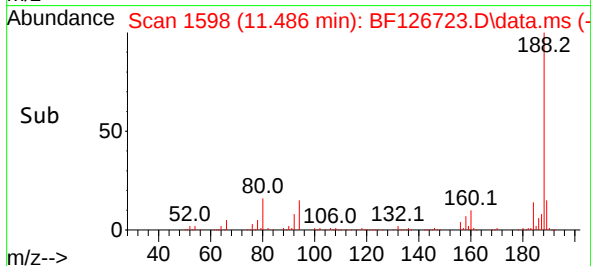
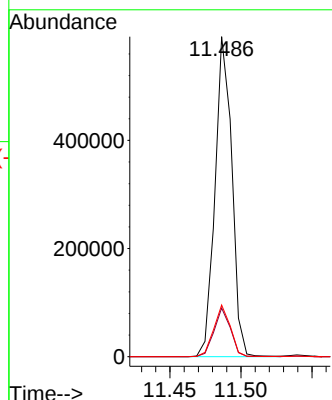
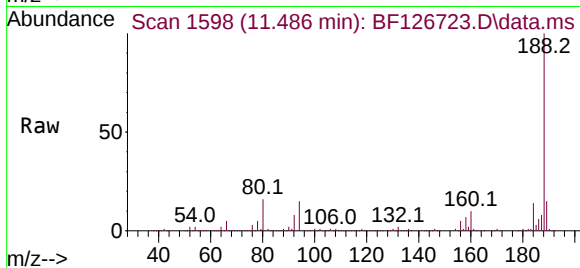
Tgt Ion:188 Resp: 486722

Ion Ratio Lower Upper

188 100

94 15.2 10.1 15.1#

80 16.2 11.8 17.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.633 ng

RT: 10.781 min Scan# 1478

Delta R.T. 0.188 min

Lab File: BF126723.D

Acq: 28 Jan 2022 18:25

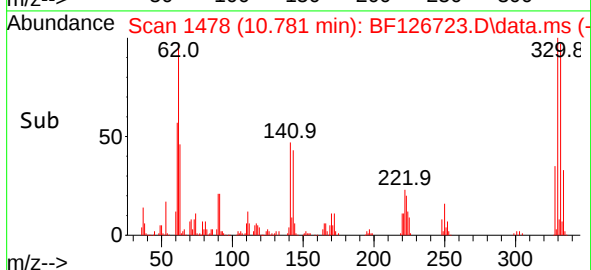
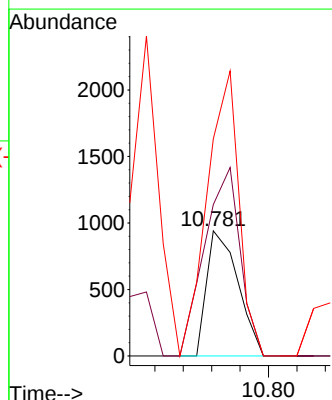
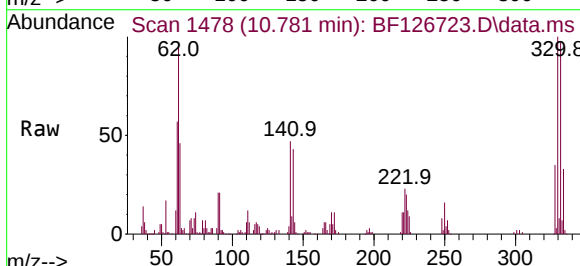
Tgt Ion:198 Resp: 718

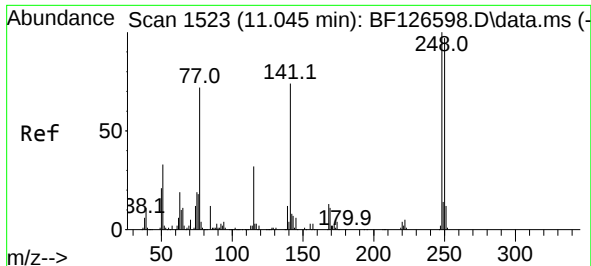
Ion Ratio Lower Upper

198 100

51 120.9 32.0 72.0#

105 173.5 32.7 72.7#

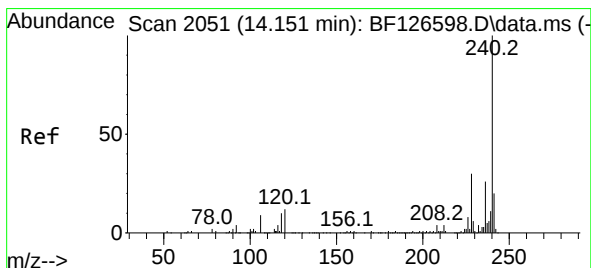
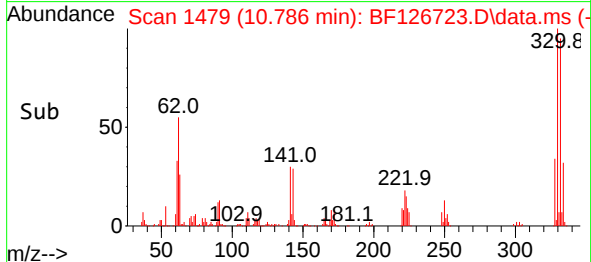
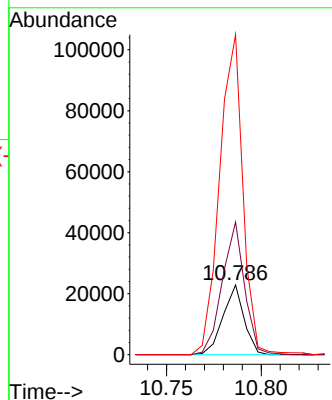
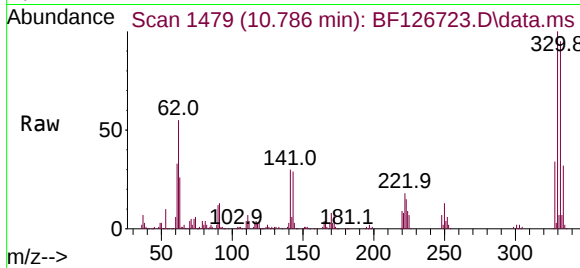




#67
4-Bromophenyl-phenylether
Concen: 3.157 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

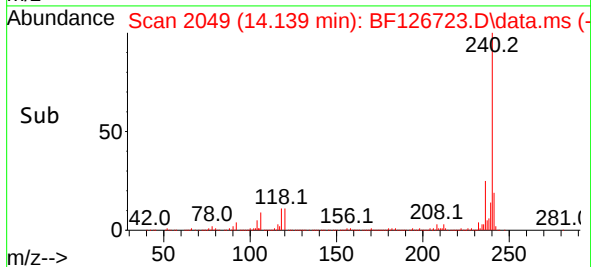
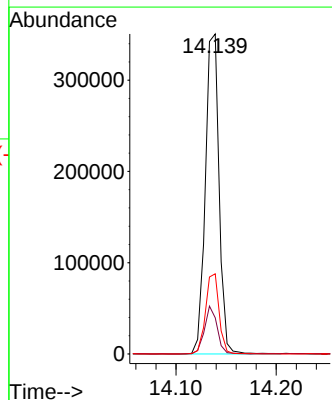
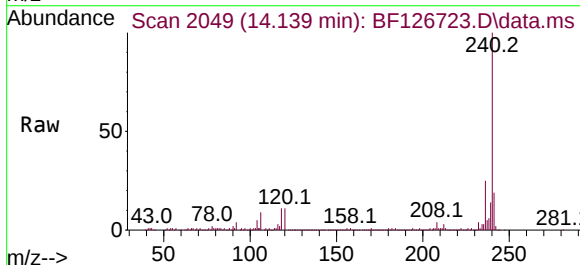
Instrument :
BNA_F
ClientSampleId :
MH-1S

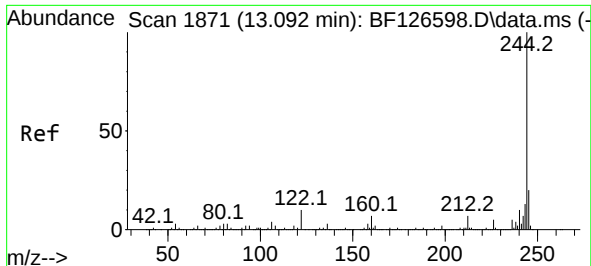
Tgt Ion:248 Resp: 17711
Ion Ratio Lower Upper
248 100
250 190.1 76.2 114.4#
141 458.9 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:240 Resp: 335982
Ion Ratio Lower Upper
240 100
120 11.3 14.4 21.6#
236 25.1 20.5 30.7

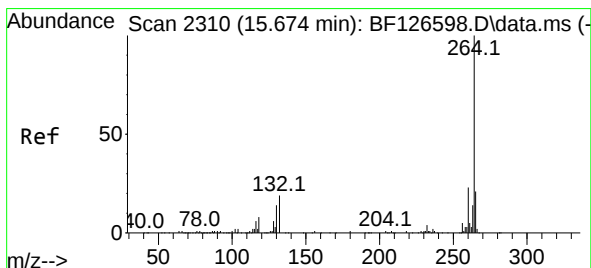
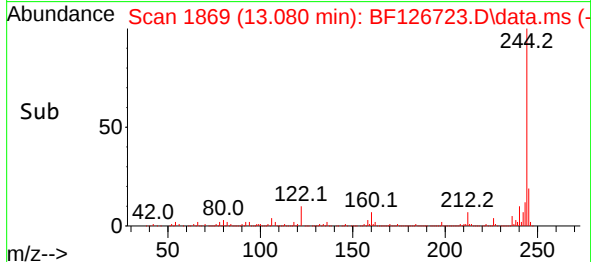
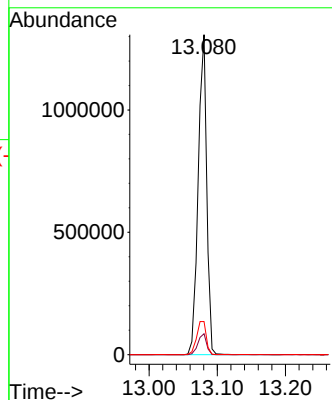
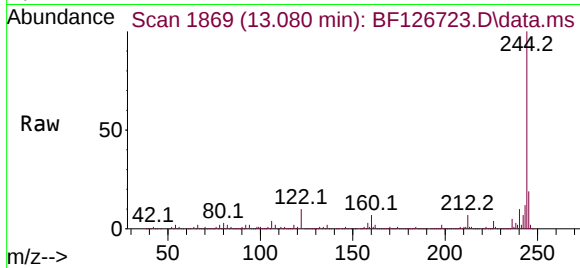




#79
 Terphenyl-d14
 Concen: 56.645 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126723.D
 Acq: 28 Jan 2022 18:25

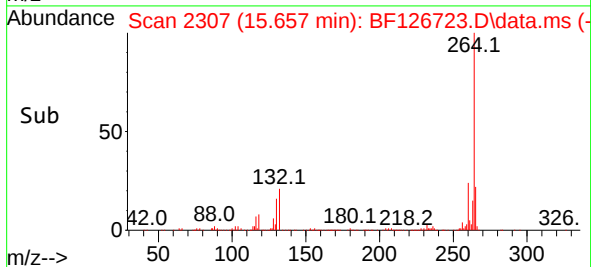
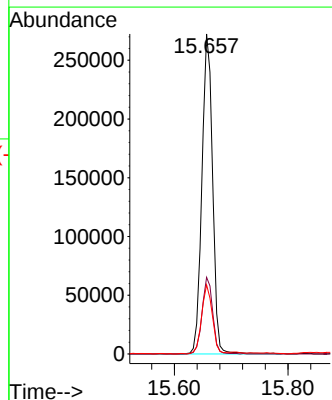
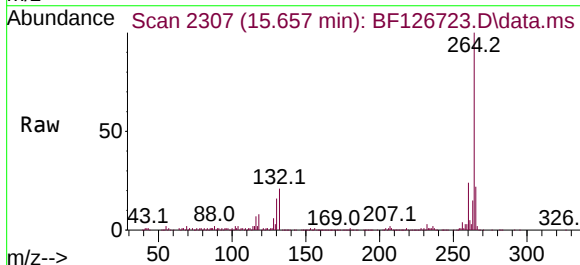
Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

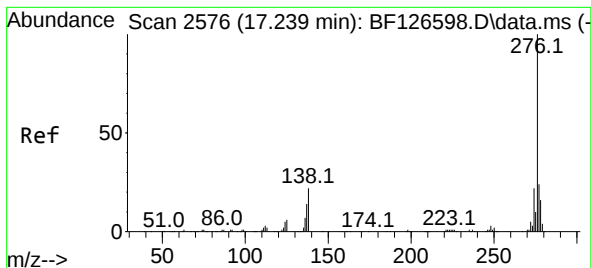
Tgt Ion:244 Resp: 1134683
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126723.D
 Acq: 28 Jan 2022 18:25

Tgt Ion:264 Resp: 356668
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.012 ng

RT: 17.204 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF126723.D

Acq: 28 Jan 2022 18:25

Instrument :

BNA_F

ClientSampleId :

MH-1S

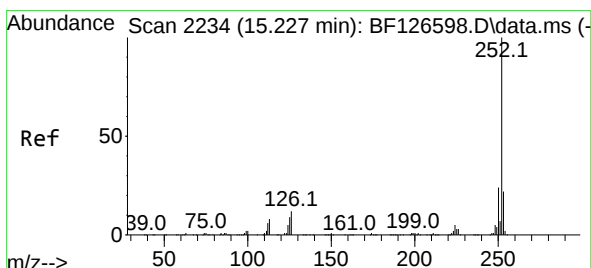
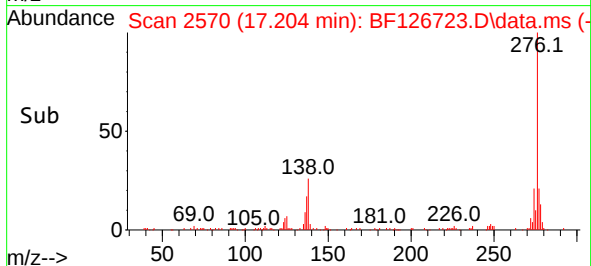
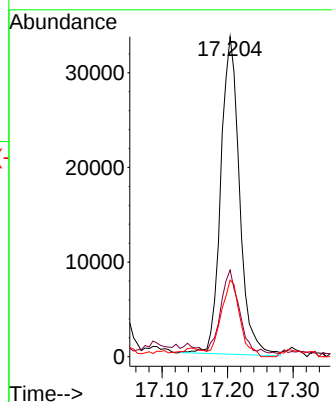
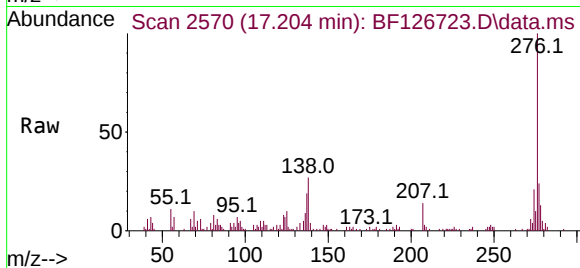
Tgt Ion:276 Resp: 66382

Ion Ratio Lower Upper

276 100

138 25.4 29.2 43.8#

277 24.2 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 3.038 ng

RT: 15.204 min Scan# 2230

Delta R.T. -0.006 min

Lab File: BF126723.D

Acq: 28 Jan 2022 18:25

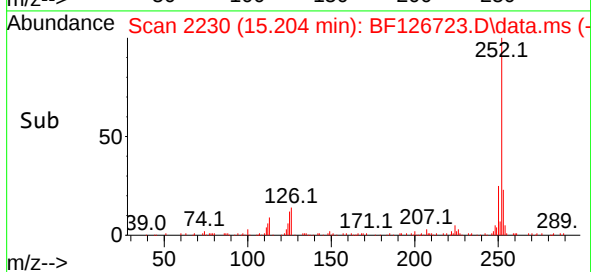
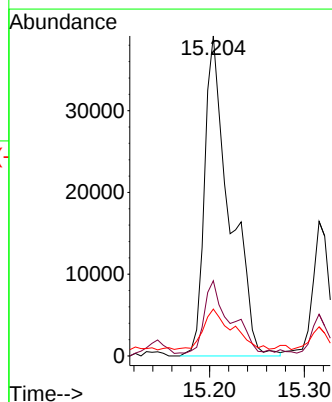
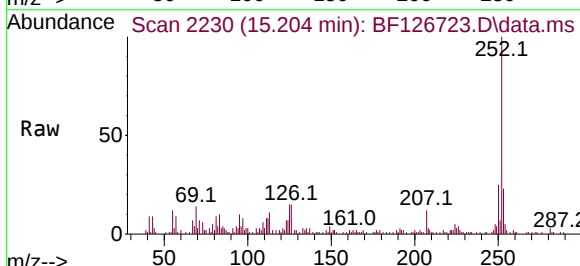
Tgt Ion:252 Resp: 71845

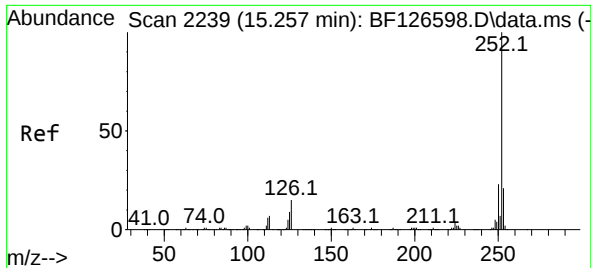
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

125 14.7 12.4 18.6

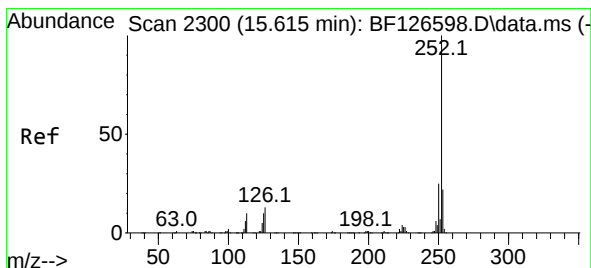
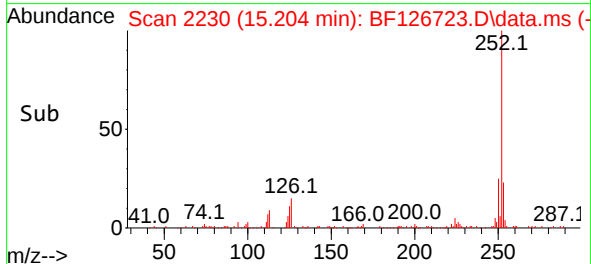
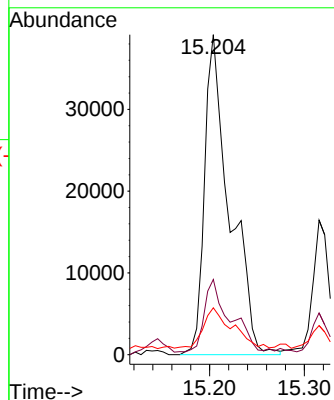
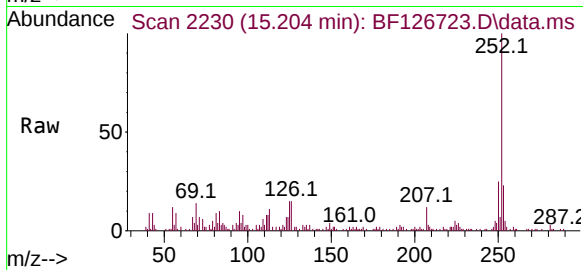




#89
Benzo(k)fluoranthene
Concen: 3.094 ng
RT: 15.204 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

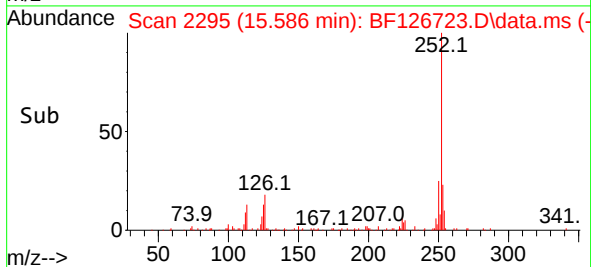
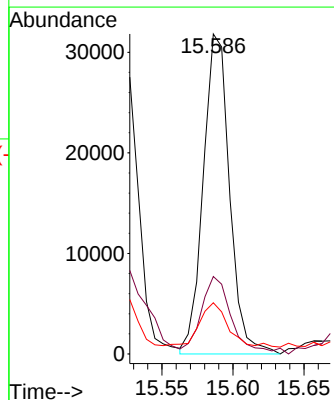
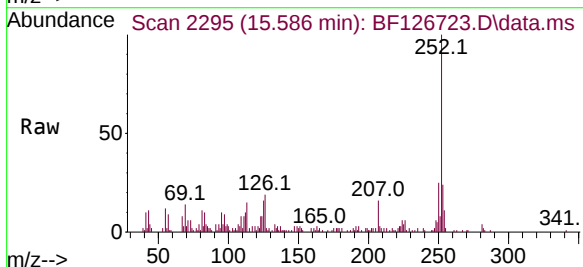
Instrument :
BNA_F
ClientSampleId :
MH-1S

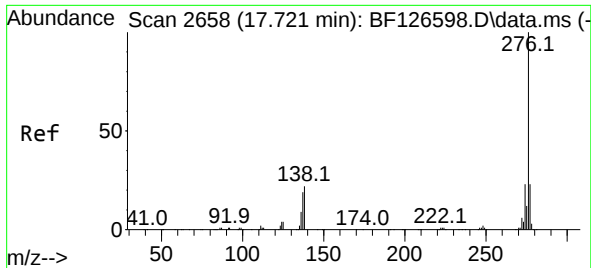
Tgt Ion:252 Resp: 71845
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 14.7 11.8 17.6



#90
Benzo(a)pyrene
Concen: 2.133 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF126723.D
Acq: 28 Jan 2022 18:25

Tgt Ion:252 Resp: 41050
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 16.0 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.651 ng
 RT: 17.674 min Scan# 20
 Delta R.T. -0.023 min
 Lab File: BF126723.D
 Acq: 28 Jan 2022 18:25

Instrument :
 BNA_F
 ClientSampleId :
 MH-1S

Tgt Ion:	276	Resp:	83260
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	25.0	25.9	38.9#

