

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126721.D
 Acq On : 28 Jan 2022 17:31
 Operator : CG/JU
 Sample : N1319-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2D

Quant Time: Jan 29 02:28:00 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)

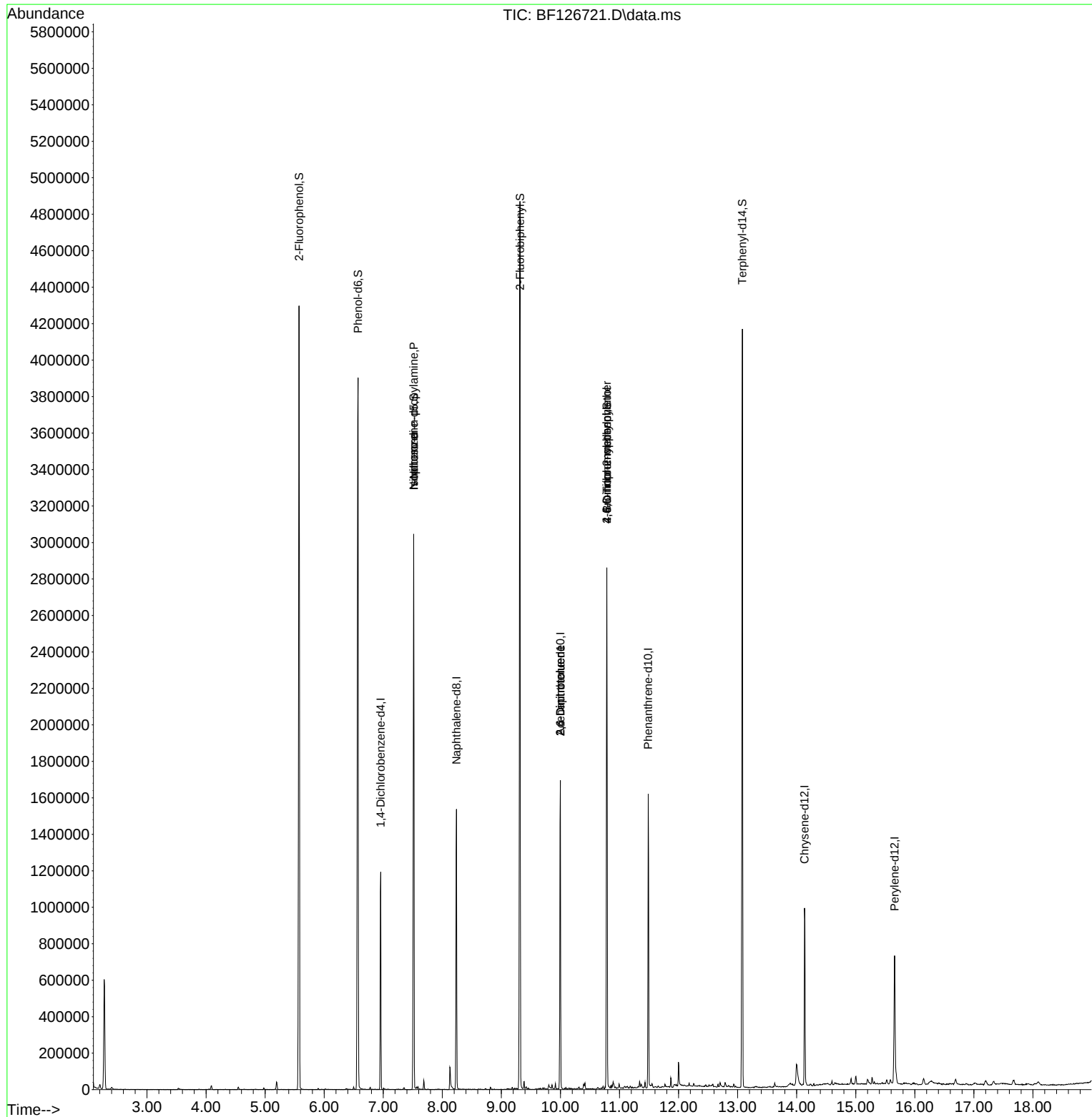
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	158198	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	619634	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	325673	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	520408	20.000	ng	0.00
76) Chrysene-d12	14.133	240	325629	20.000	ng	-0.01
86) Perylene-d12	15.656	264	310362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1206904	100.391	ng	0.00
7) Phenol-d6	6.575	99	1629376	97.549	ng	0.00
23) Nitrobenzene-d5	7.516	82	1144211	72.278	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	304645	99.956	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1437607	67.604	ng	0.00
79) Terphenyl-d14	13.080	244	1336029	68.817	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	119	Below Cal	#	66
19) n-Nitroso-di-n-propyla...	7.516	70	152056	12.473	ng	# 67
25) Isophorone	7.516	82	1138135	37.071	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	42085	10.544	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	42085	8.701	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	646	7.591	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	19622	3.272	ng	# 1

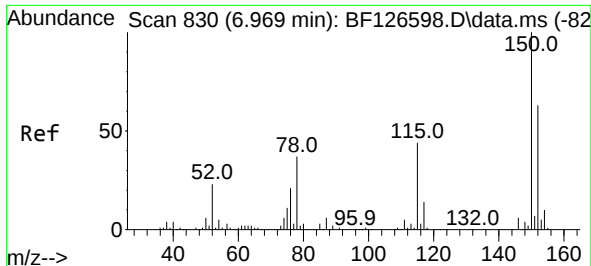
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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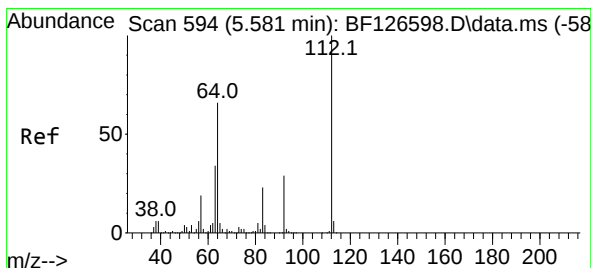
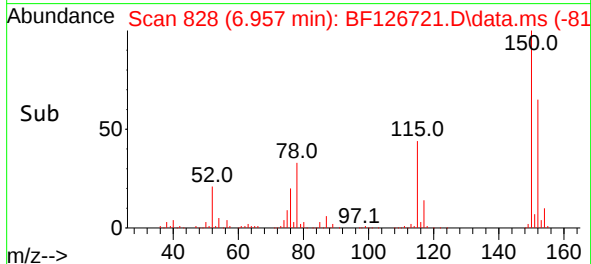
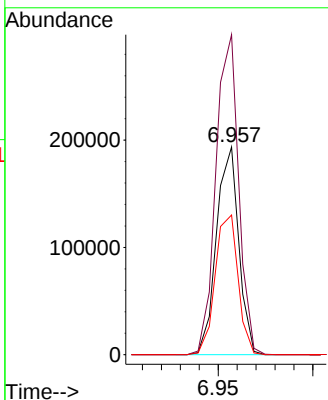
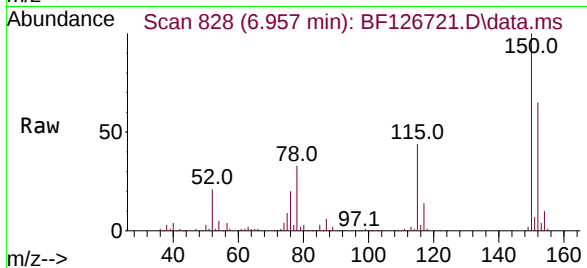




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

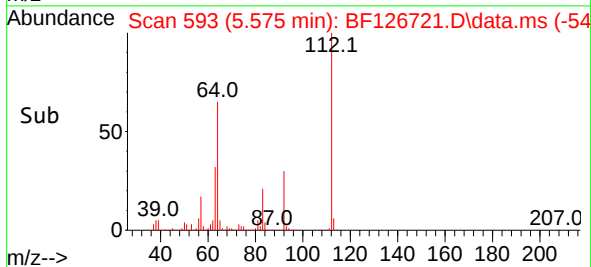
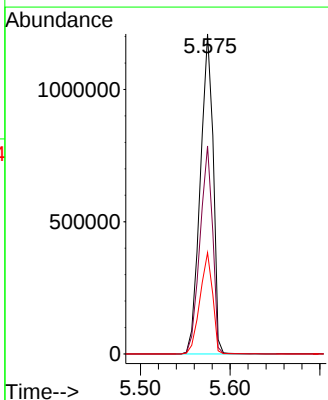
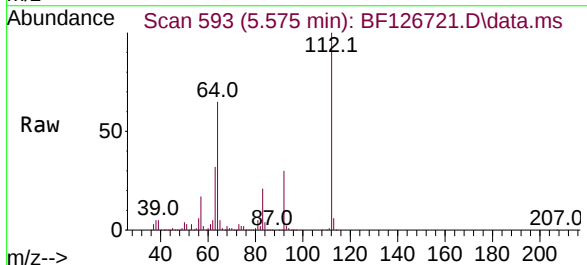
Instrument :
BNA_F
ClientSampleId :
MH-2D

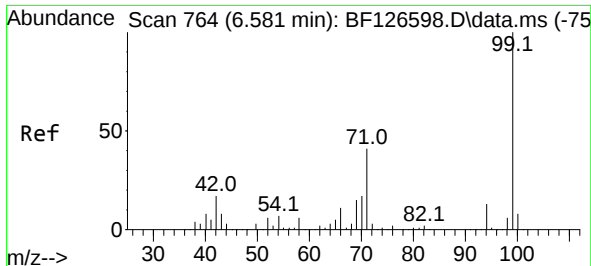
Tgt Ion:152 Resp: 158198
Ion Ratio Lower Upper
152 100
150 154.0 128.1 192.1
115 67.2 56.7 85.1



#5
2-Fluorophenol
Concen: 100.391 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Tgt Ion:112 Resp: 1206904
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 31.6 23.9 35.9





#7

Phenol-d6

Concen: 97.549 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

Instrument :

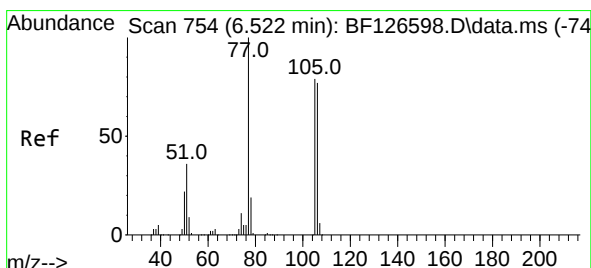
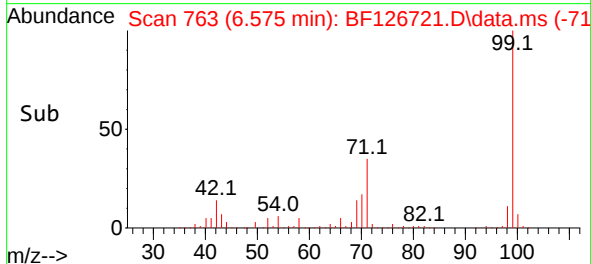
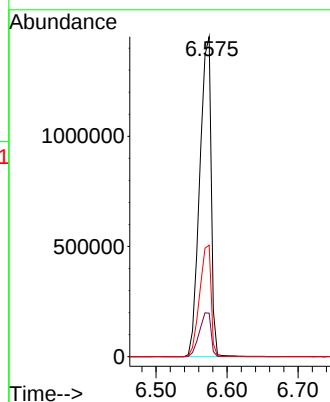
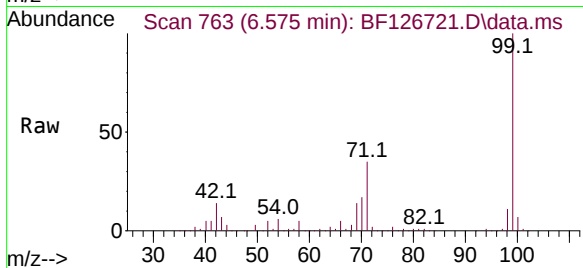
BNA_F

ClientSampleId :

MH-2D

Tgt Ion: 99 Resp: 1629376

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.2	21.4#
71	34.8	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.504 min Scan# 751

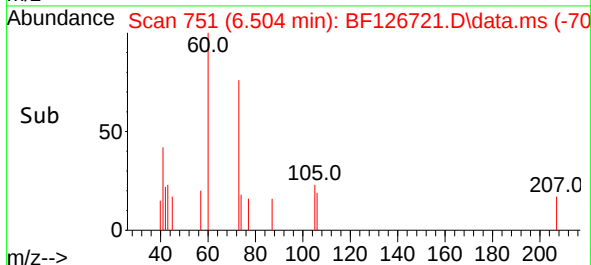
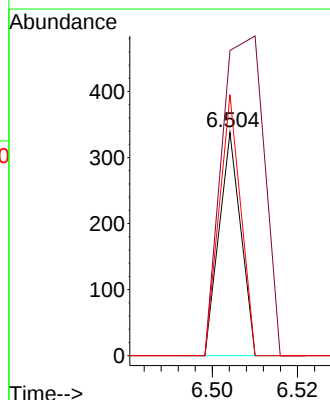
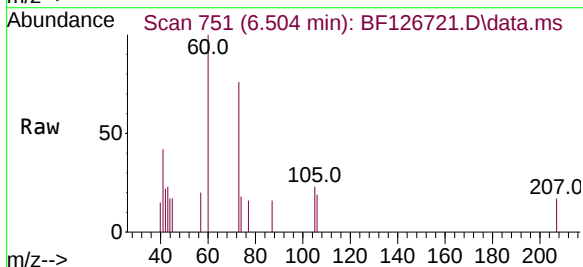
Delta R.T. -0.006 min

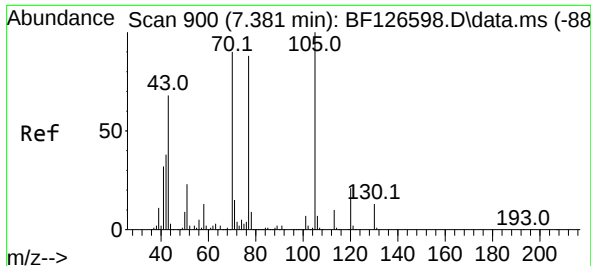
Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

Tgt Ion: 77 Resp: 119

Ion	Ratio	Lower	Upper
77	100		
105	136.7	74.9	114.9#
106	116.9	72.4	112.4#

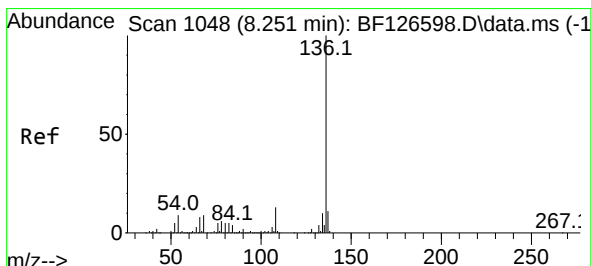
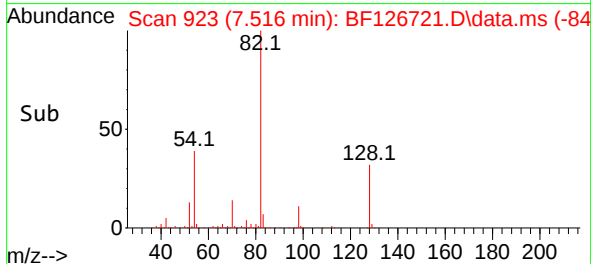
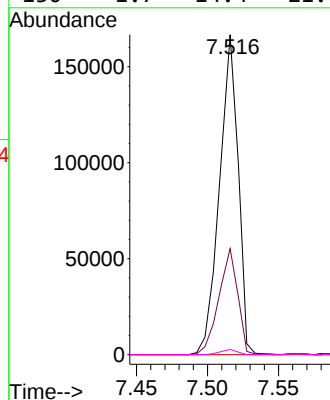
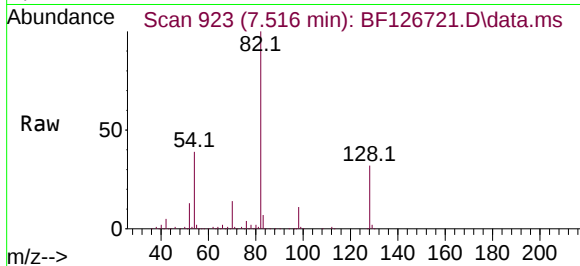




#19
n-Nitroso-di-n-propylamine
Concen: 12.473 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

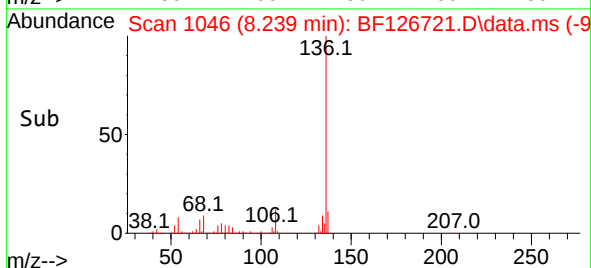
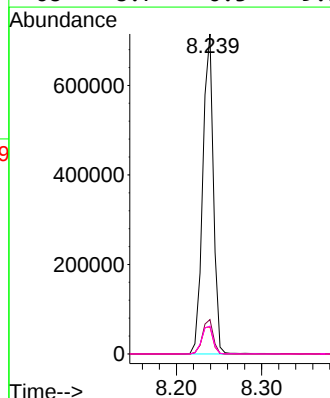
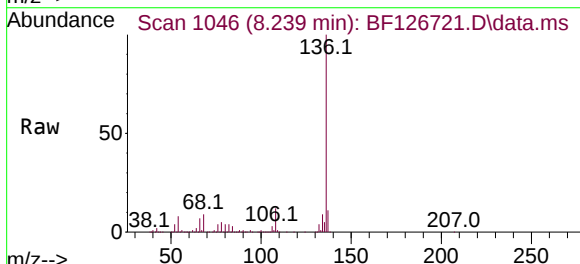
Instrument :
BNA_F
ClientSampleId :
MH-2D

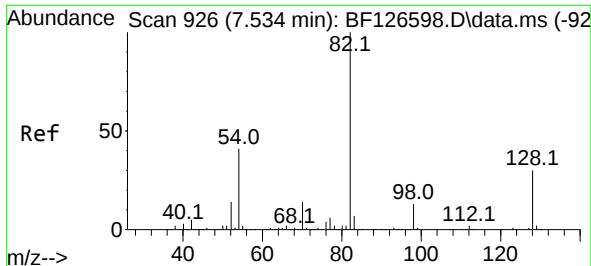
Tgt Ion: 70 Resp: 152056
Ion Ratio Lower Upper
70 100
42 33.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Tgt Ion: 136 Resp: 619634
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 7.8 11.6
68 8.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 72.278 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MH-2D

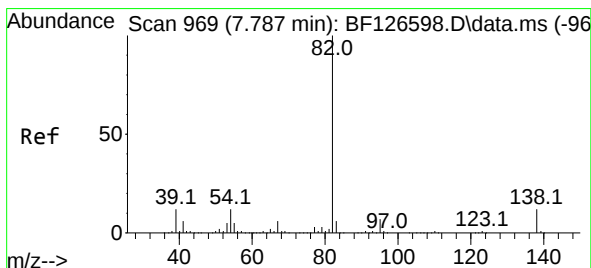
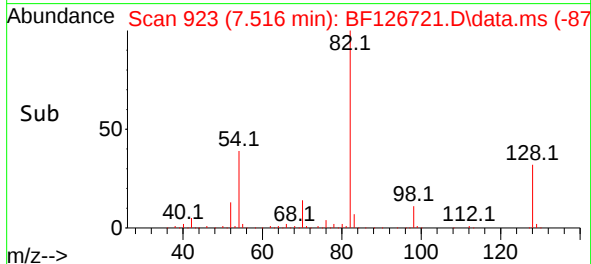
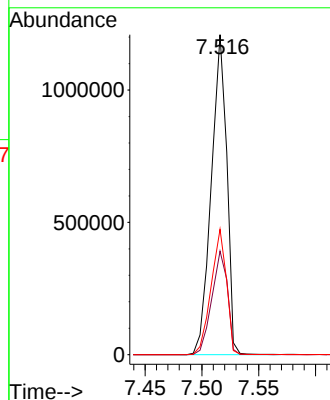
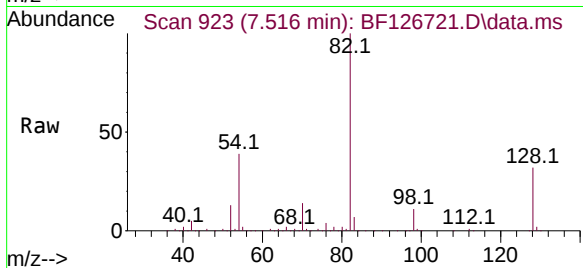
Tgt Ion: 82 Resp: 1144211

Ion Ratio Lower Upper

82 100

128 32.4 32.7 49.1#

54 39.2 41.7 62.5#



#25

Isophorone

Concen: 37.071 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

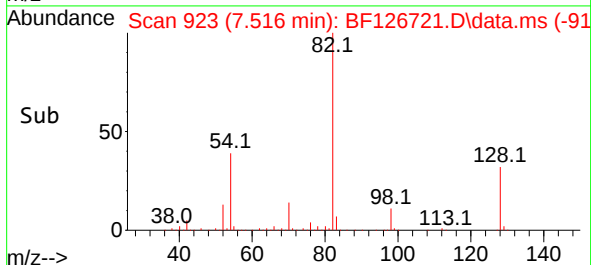
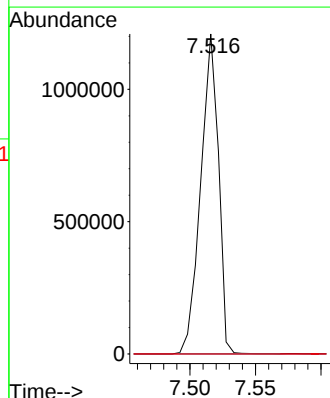
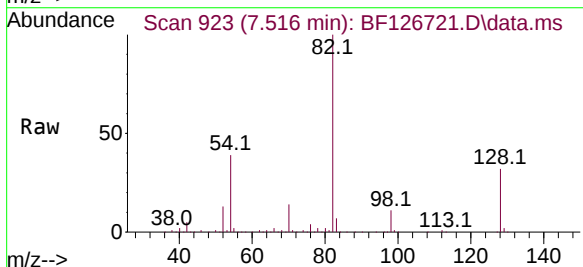
Tgt Ion: 82 Resp: 1138135

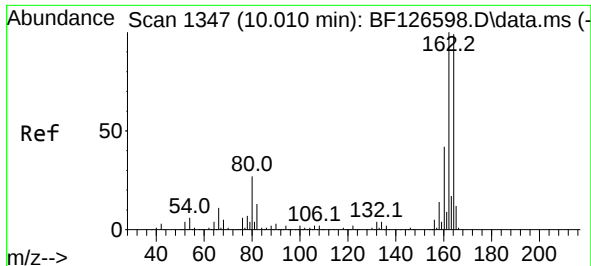
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

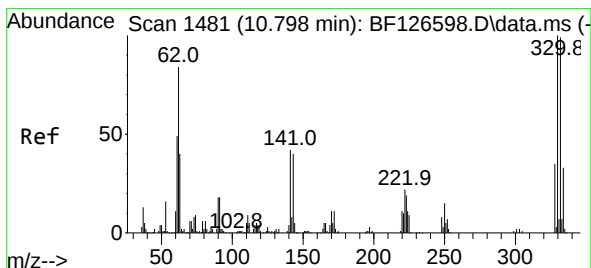
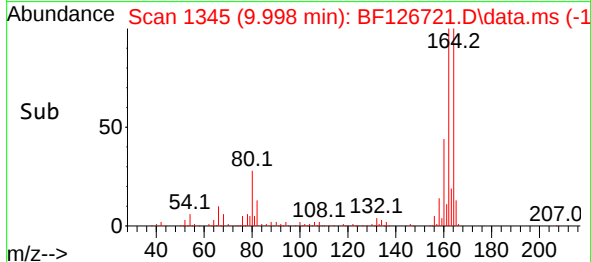
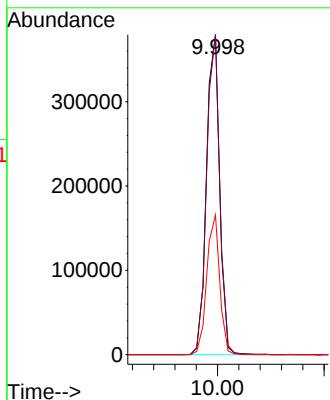
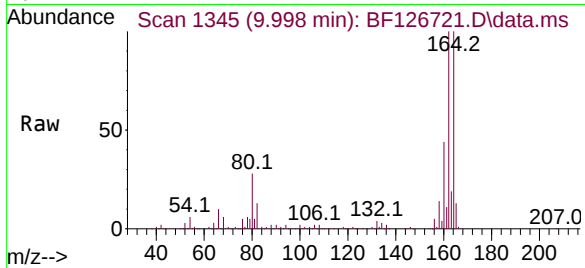




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

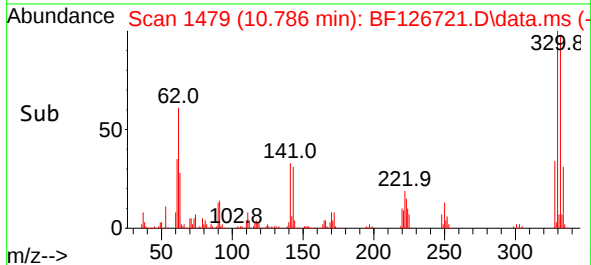
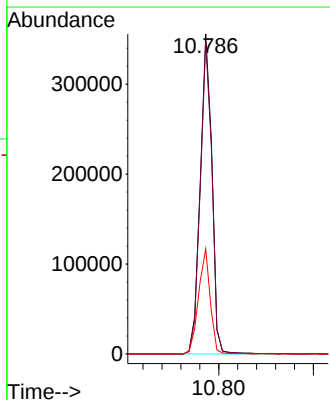
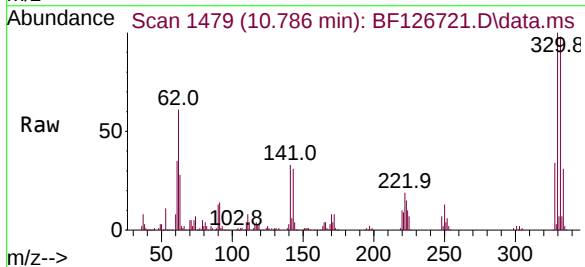
Instrument :
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ClientSampleId :
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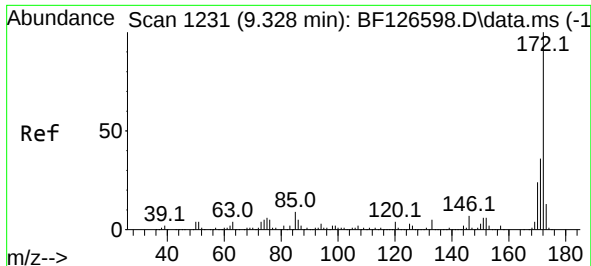
Tgt Ion:164 Resp: 325673
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 99.956 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Tgt Ion:330 Resp: 304645
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 32.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 67.604 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MH-2D

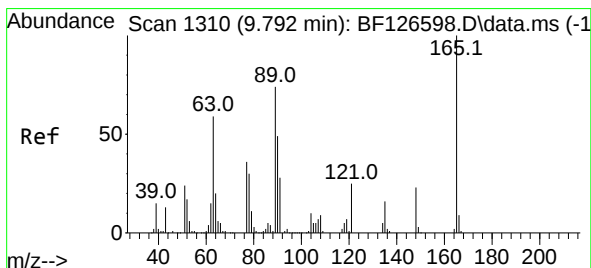
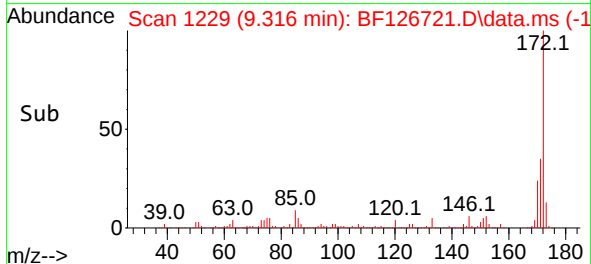
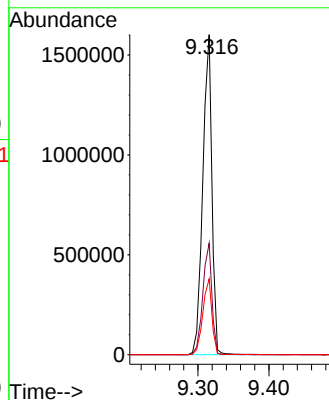
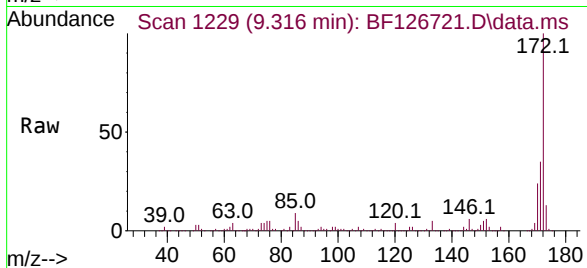
Tgt Ion:172 Resp: 1437607

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.544 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

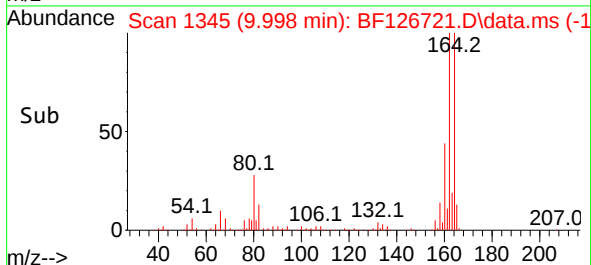
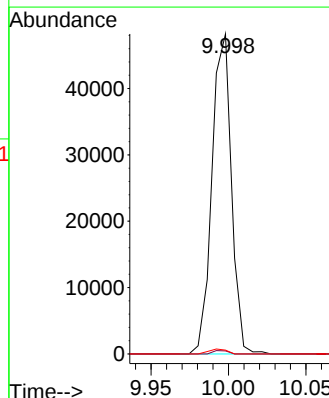
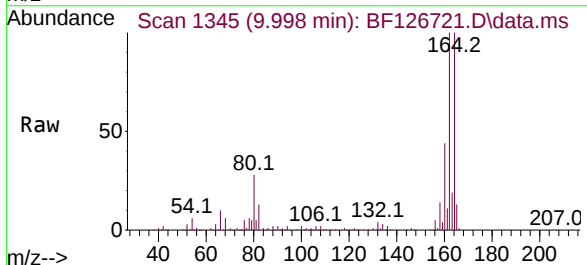
Tgt Ion:165 Resp: 42085

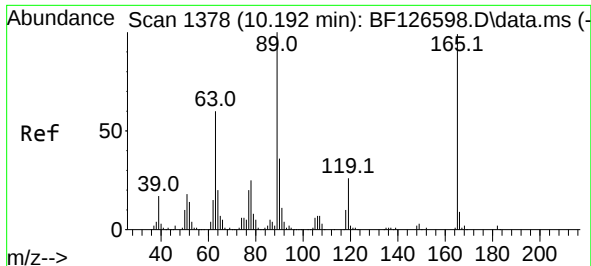
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.2 50.5 75.7#

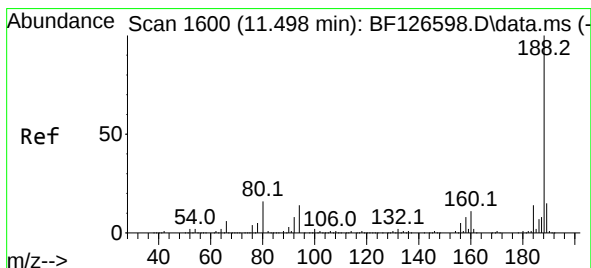
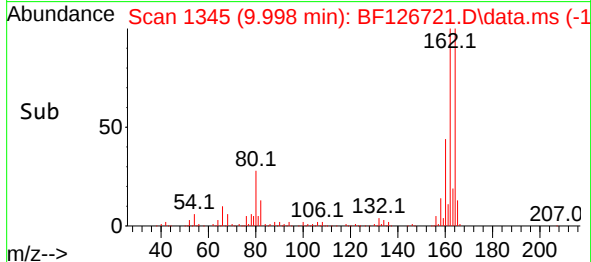
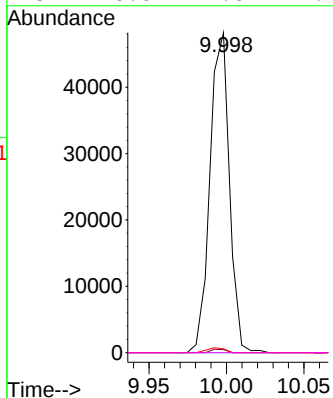
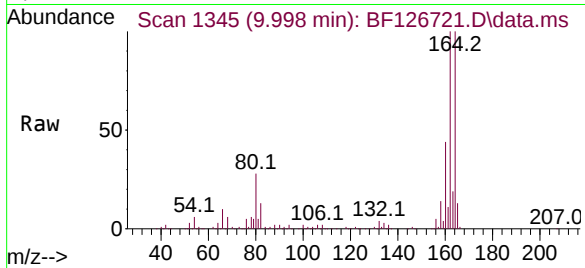




#57
2,4-Dinitrotoluene
Concen: 8.701 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

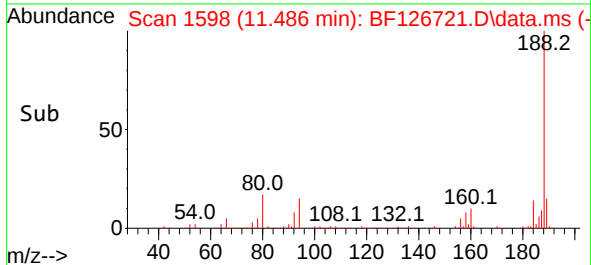
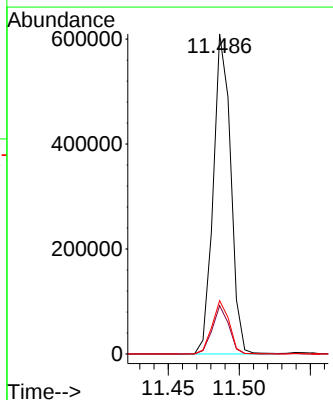
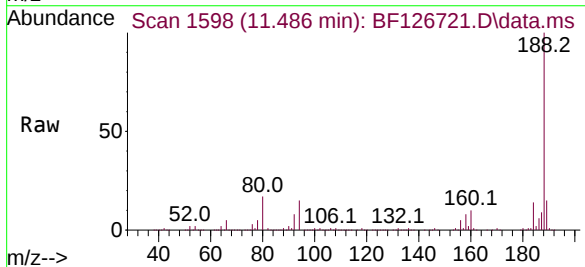
Instrument :
BNA_F
ClientSampleId :
MH-2D

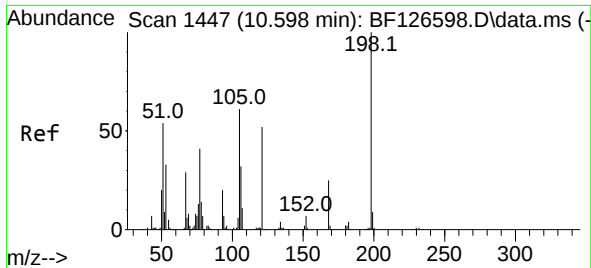
Tgt Ion:165 Resp: 42085
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Tgt Ion:188 Resp: 520408
Ion Ratio Lower Upper
188 100
94 15.1 10.1 15.1
80 16.6 11.8 17.6

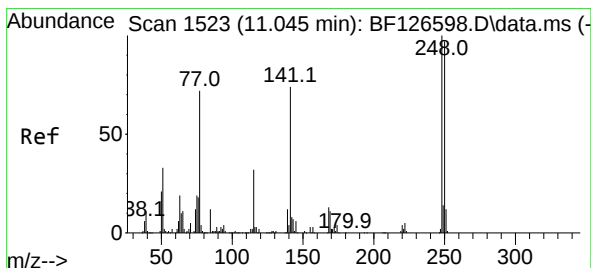
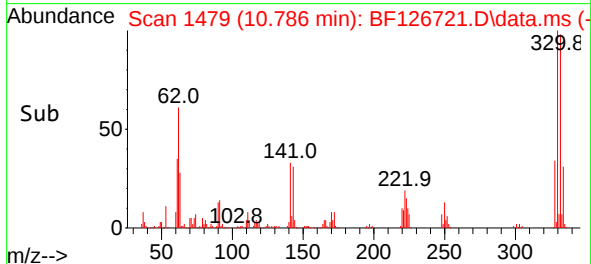
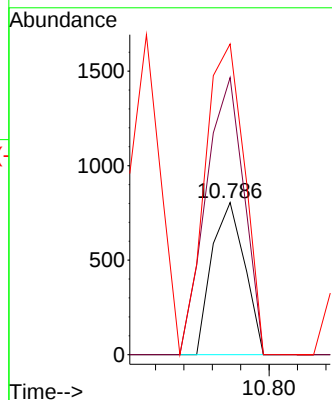
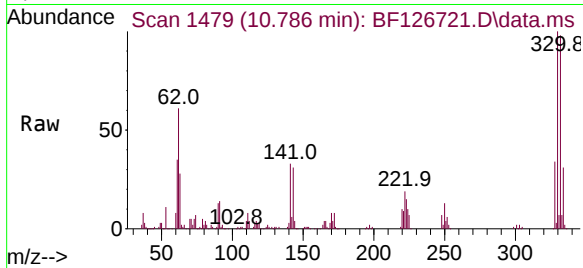




#65
4,6-Dinitro-2-methylphenol
Concen: 7.591 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

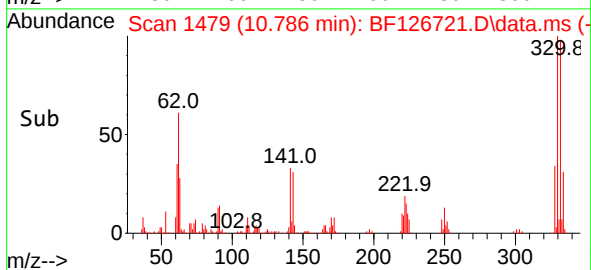
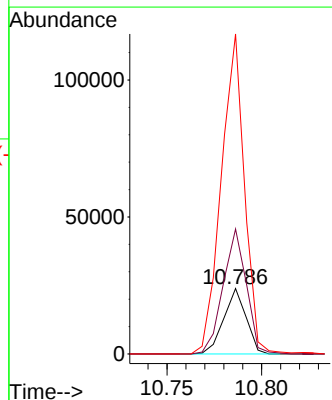
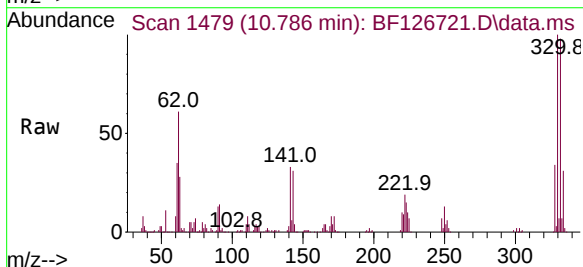
Instrument :
BNA_F
ClientSampleId :
MH-2D

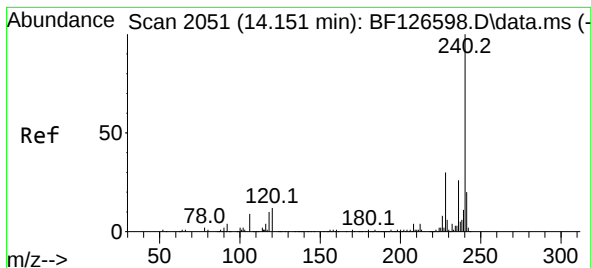
Tgt Ion:198 Resp: 646
Ion Ratio Lower Upper
198 100
51 182.1 32.0 72.0#
105 204.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.272 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Tgt Ion:248 Resp: 19622
Ion Ratio Lower Upper
248 100
250 191.0 76.2 114.4#
141 489.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.012 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

Instrument :

BNA_F

ClientSampleId :

MH-2D

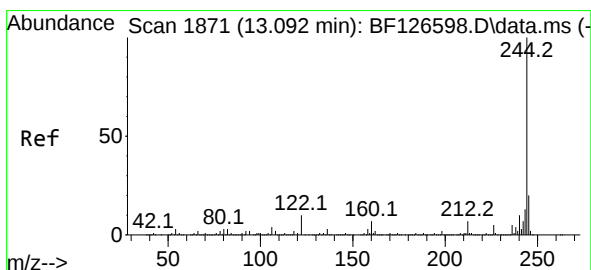
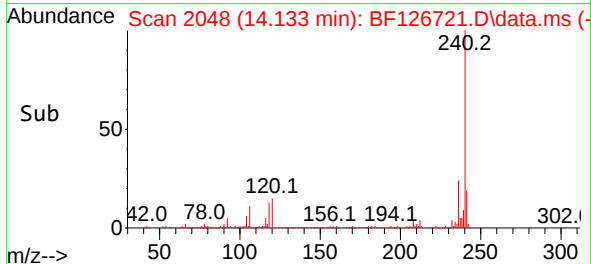
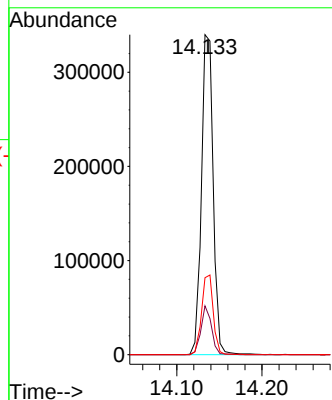
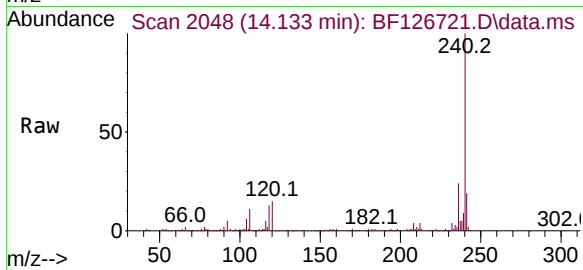
Tgt Ion:240 Resp: 325629

Ion Ratio Lower Upper

240 100

120 15.3 14.4 21.6

236 24.1 20.5 30.7



#79

Terphenyl-d14

Concen: 68.817 ng

RT: 13.080 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BF126721.D

Acq: 28 Jan 2022 17:31

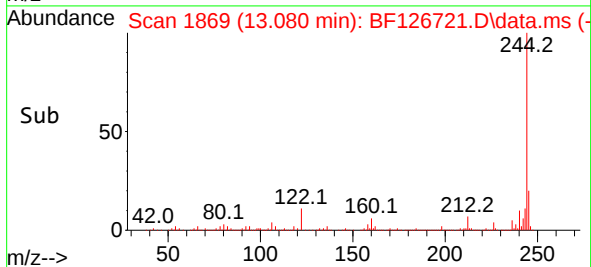
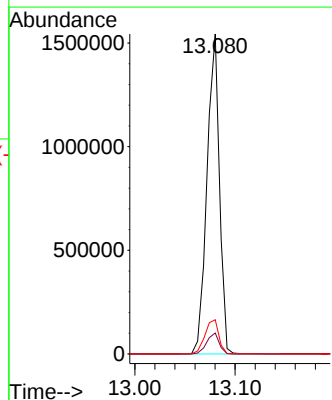
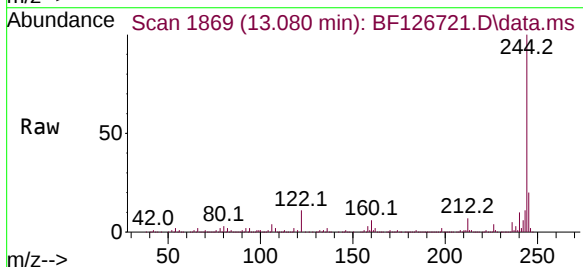
Tgt Ion:244 Resp: 1336029

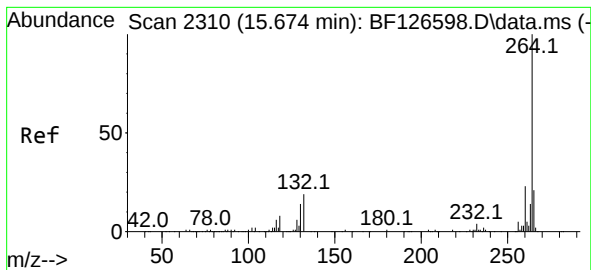
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126721.D
Acq: 28 Jan 2022 17:31

Instrument :
BNA_F
ClientSampleId :
MH-2D

Tgt Ion:264 Resp: 310362
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.3 17.4 26.2

