

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126717.D
 Acq On : 28 Jan 2022 15:44
 Operator : CG/JU
 Sample : N1319-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1D

Quant Time: Jan 29 02:26:17 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)

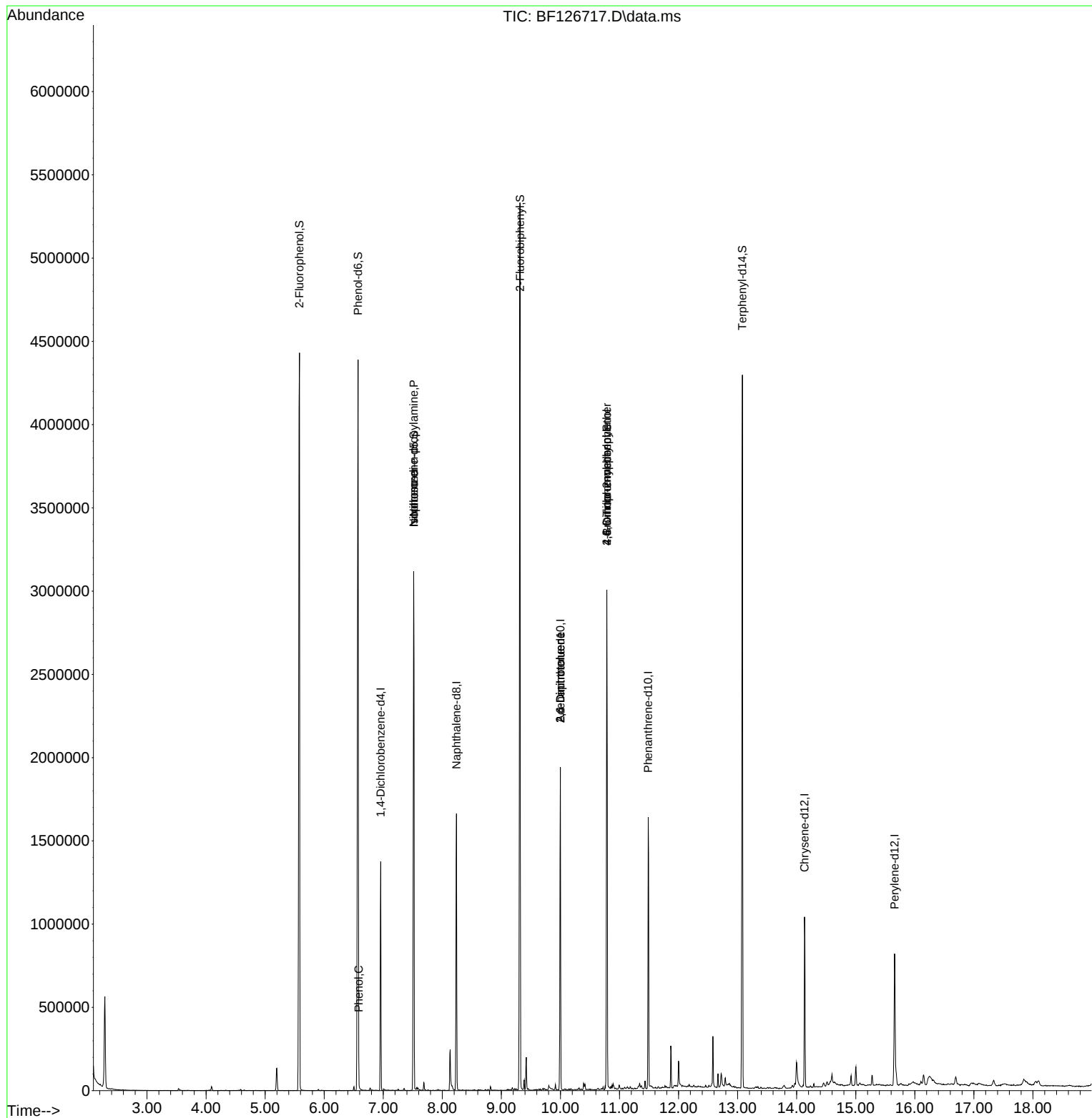
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	173584	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	670818	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	352660	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	539323	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	335126	20.000	ng	-0.01
86) Perylene-d12	15.656	264	337334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1322349	100.244	ng	0.01
7) Phenol-d6	6.575	99	1771818	96.674	ng	0.00
23) Nitrobenzene-d5	7.516	82	1260016	73.520	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	324804	98.415	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1546257	67.149	ng	0.00
79) Terphenyl-d14	13.080	244	1364647	68.299	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	338	Below Cal	#	42
10) Phenol	6.586	94	39203	2.011	ng	98
19) n-Nitroso-di-n-propyla...	7.516	70	165980	12.408	ng	# 69
25) Isophorone	7.516	82	1255244	37.766	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44847	10.376	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44847	8.563	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	713	7.606	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	20821	3.350	ng	# 1

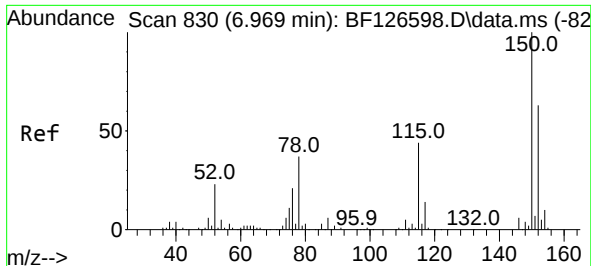
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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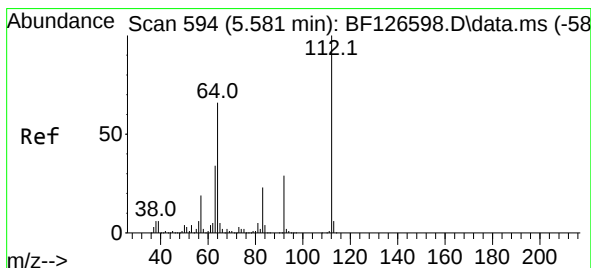
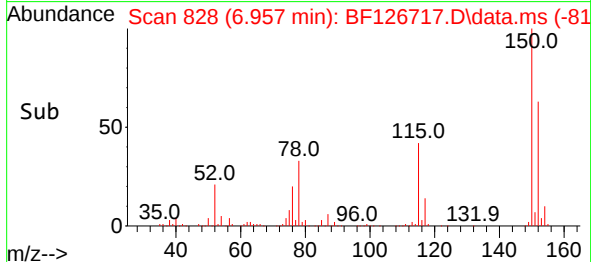
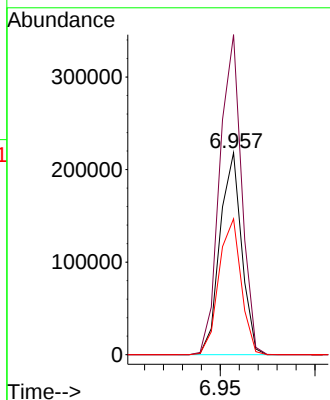
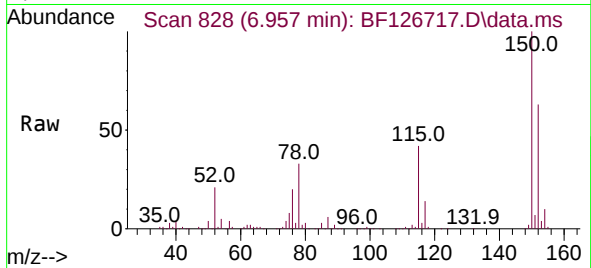




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

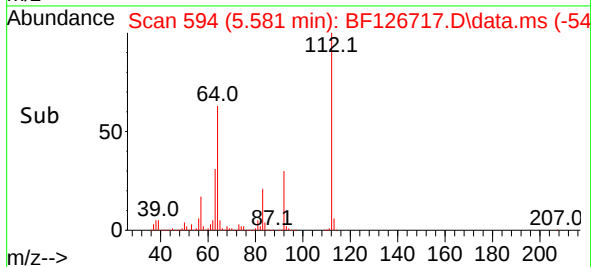
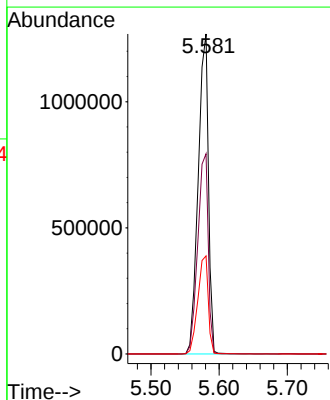
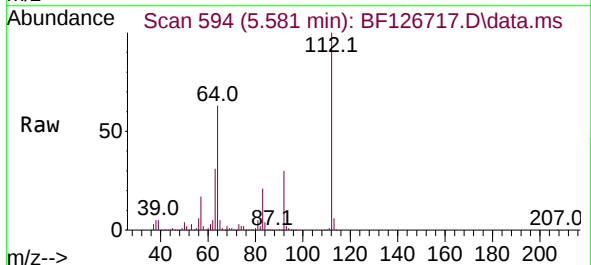
Instrument :
BNA_F
ClientSampleId :
MH-1D

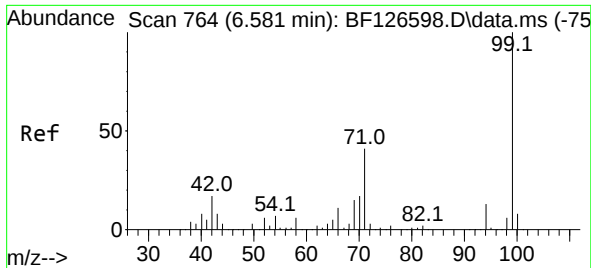
Tgt Ion:152 Resp: 173584
Ion Ratio Lower Upper
152 100
150 158.5 128.1 192.1
115 67.3 56.7 85.1



#5
2-Fluorophenol
Concen: 100.244 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion:112 Resp: 1322349
Ion Ratio Lower Upper
112 100
64 62.5 49.5 74.3
63 30.6 23.9 35.9

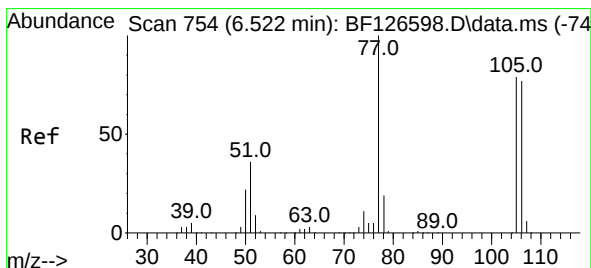
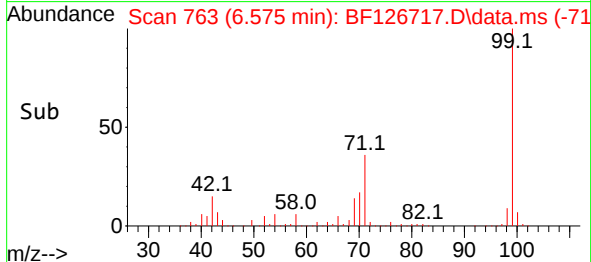
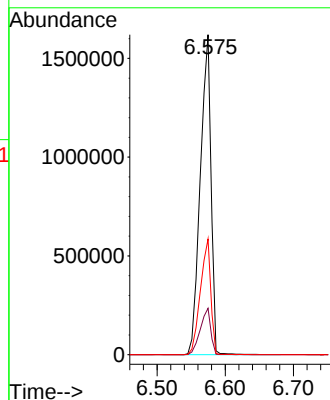
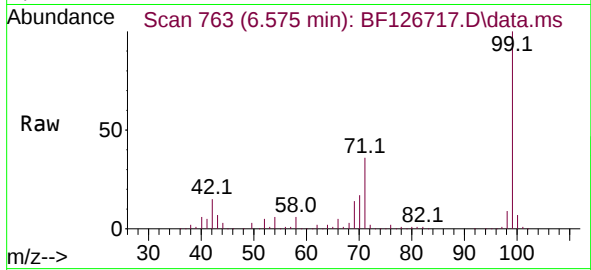




#7
Phenol-d6
Concen: 96.674 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

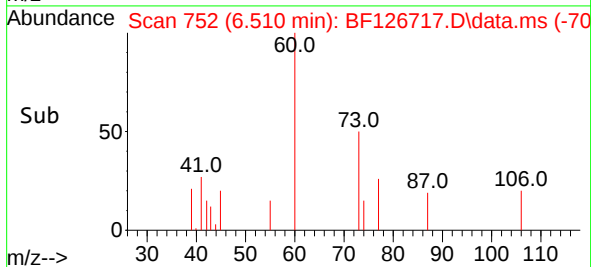
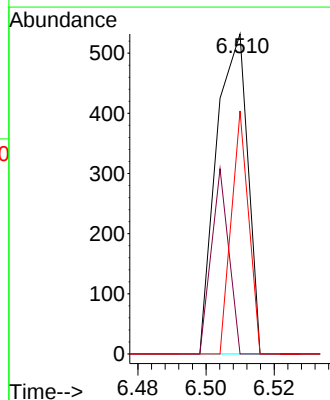
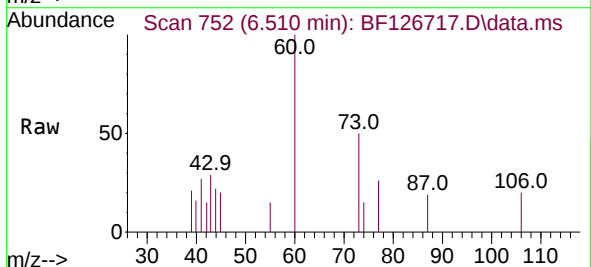
Instrument :
BNA_F
ClientSampleId :
MH-1D

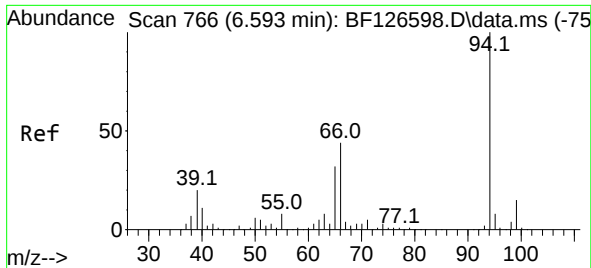
Tgt Ion: 99 Resp: 1771818
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 36.2 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion: 77 Resp: 338
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 75.9 72.4 112.4

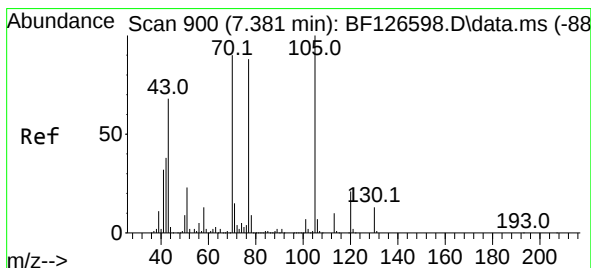
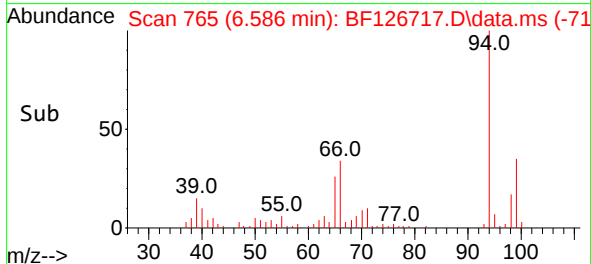
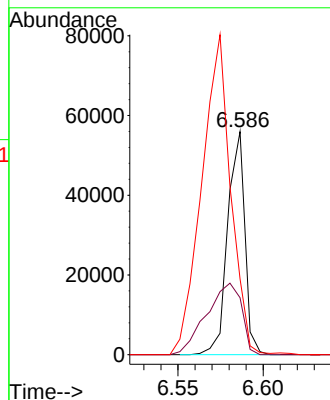
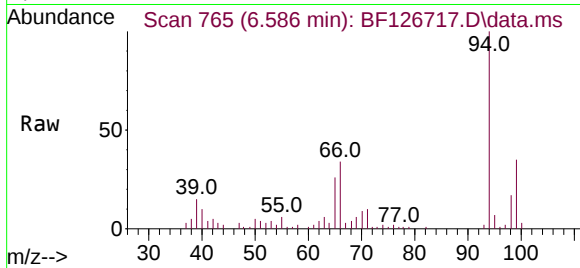




#10
Phenol
Concen: 2.011 ng
RT: 6.586 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

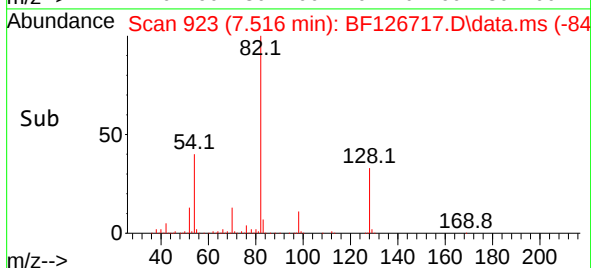
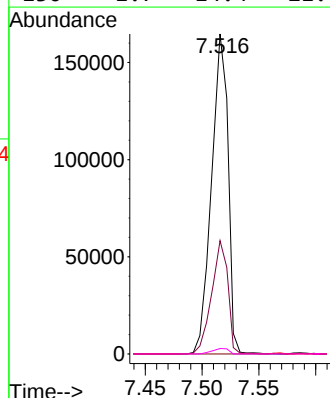
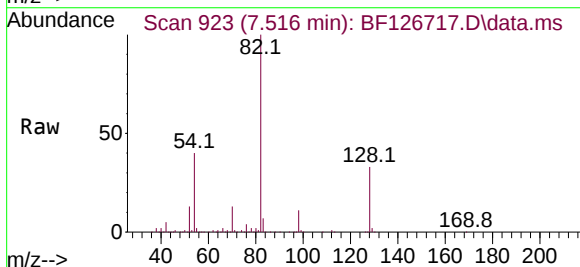
Instrument :
BNA_F
ClientSampleId :
MH-1D

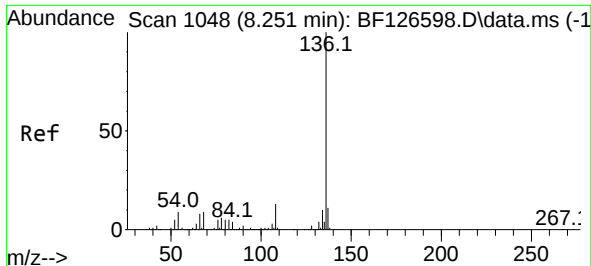
Tgt Ion: 94 Resp: 39203
Ion Ratio Lower Upper
94 100
65 25.5 7.2 47.2
66 34.0 14.5 54.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.408 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion: 70 Resp: 165980
Ion Ratio Lower Upper
70 100
42 35.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



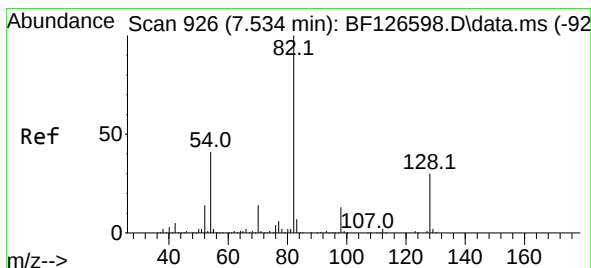
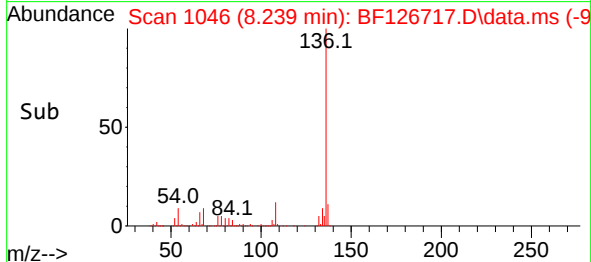
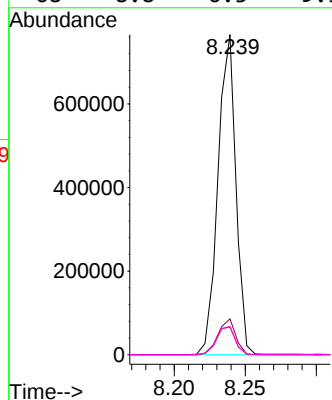
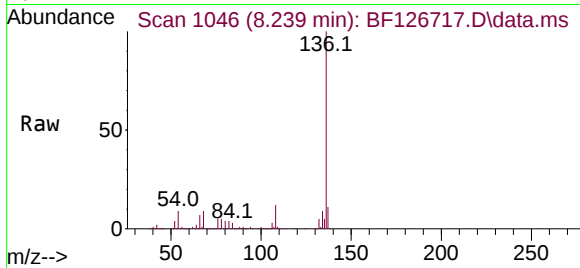


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Instrument :
BNA_F
ClientSampleId :
MH-1D

Tgt Ion:136 Resp: 670818

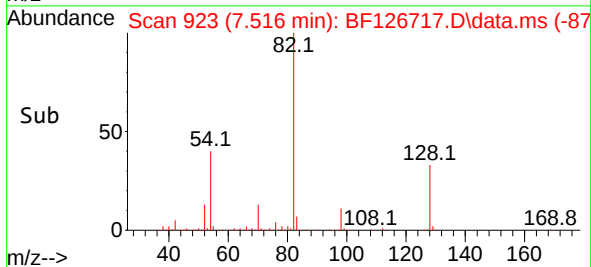
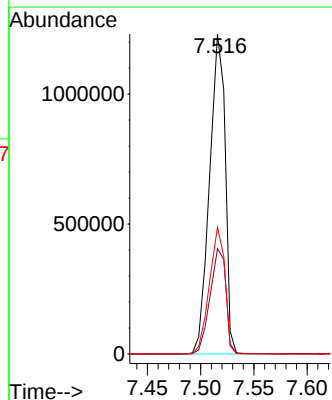
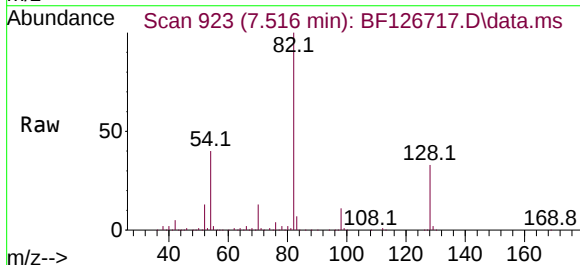
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.7	7.8	11.6
68	8.8	6.3	9.5

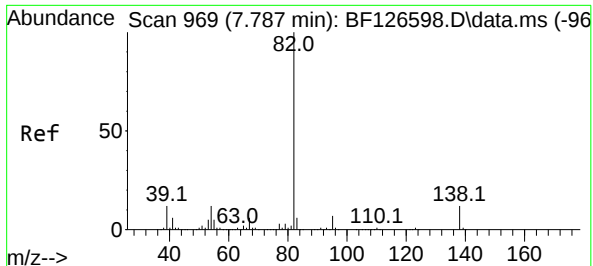


#23
Nitrobenzene-d5
Concen: 73.520 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion: 82 Resp: 1260016

Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.7	49.1
54	39.6	41.7	62.5

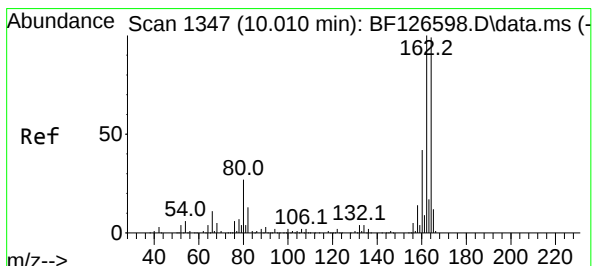
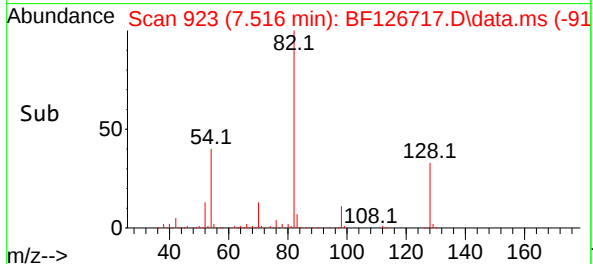
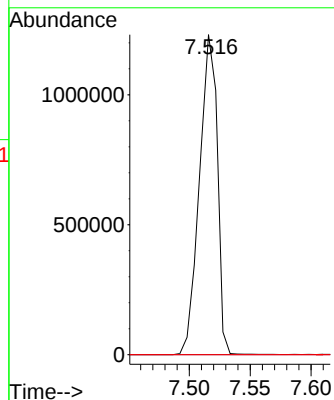
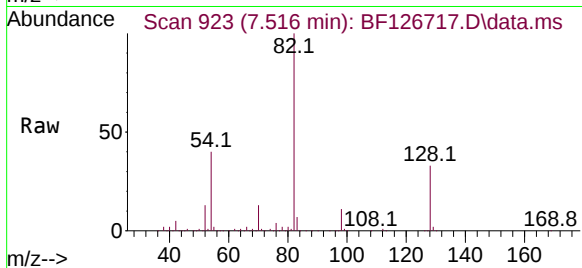




#25
Isophorone
Concen: 37.766 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

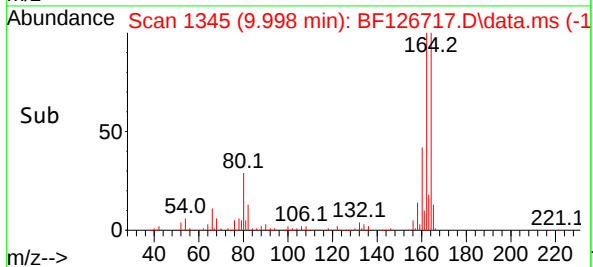
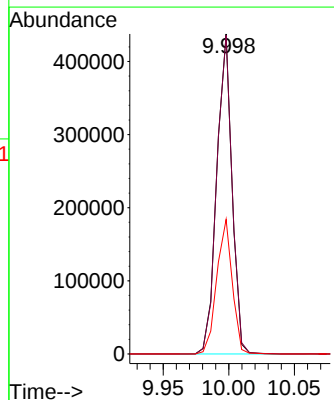
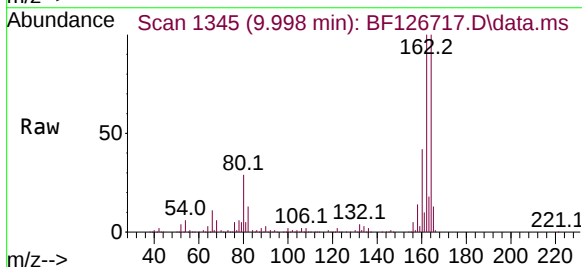
Instrument :
BNA_F
ClientSampleId :
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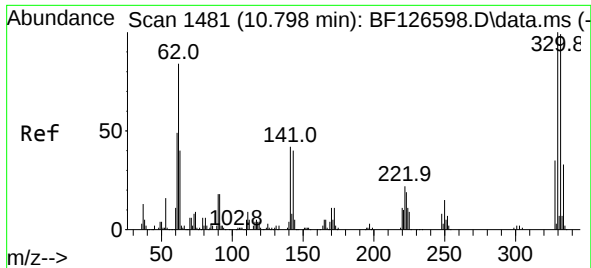
Tgt Ion: 82 Resp: 1255244
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion: 164 Resp: 352660
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.0 36.6 54.8

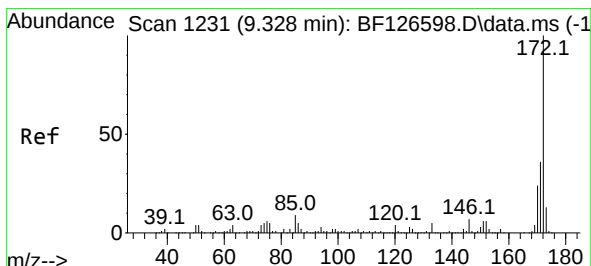
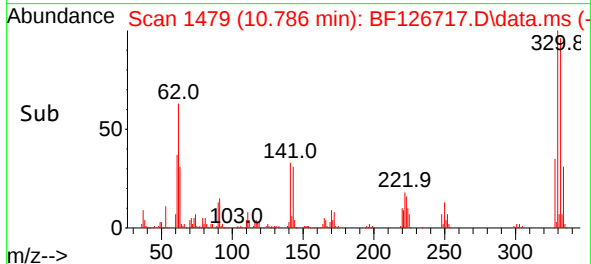
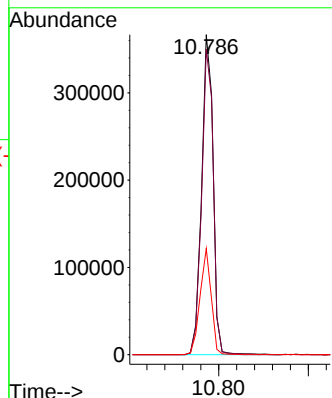
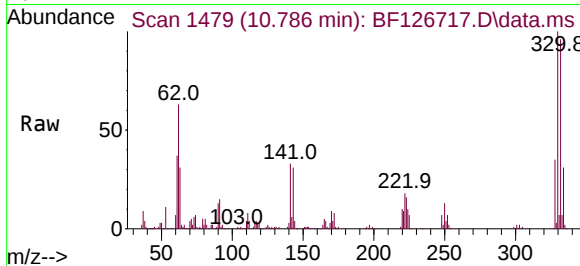




#42
2,4,6-Tribromophenol
Concen: 98.415 ng
RT: 10.786 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

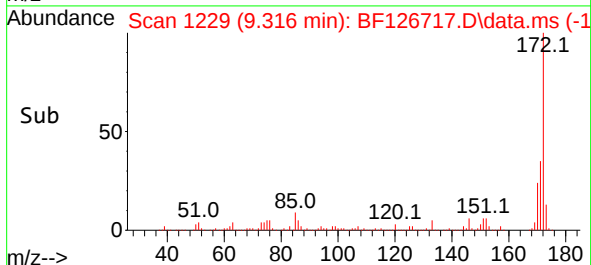
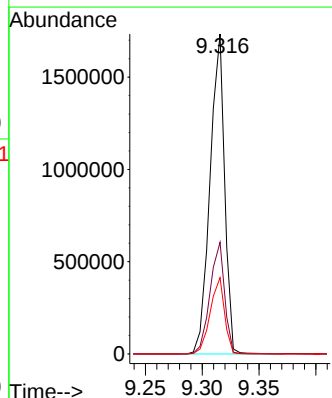
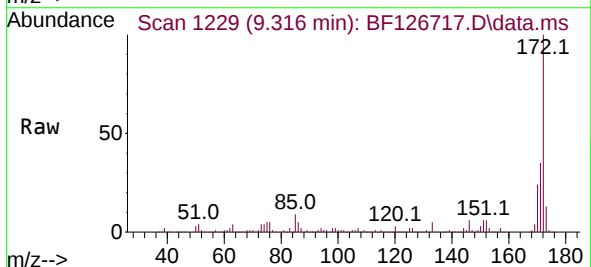
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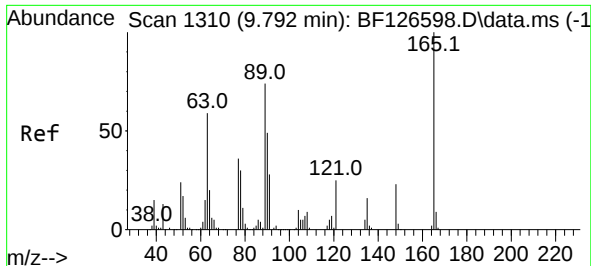
Tgt Ion:330 Resp: 324804
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 32.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 67.149 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion:172 Resp: 1546257
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.376 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126717.D

Acq: 28 Jan 2022 15:44

Instrument :

BNA_F

ClientSampleId :

MH-1D

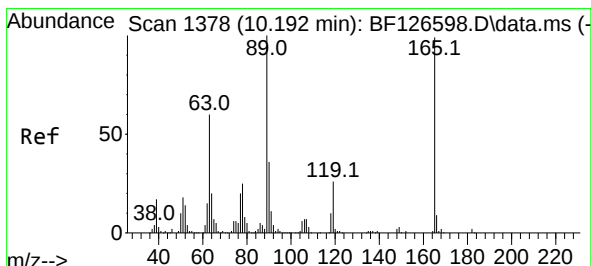
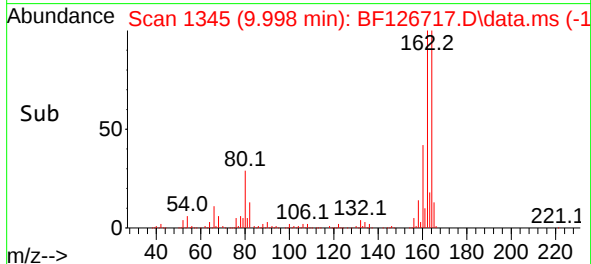
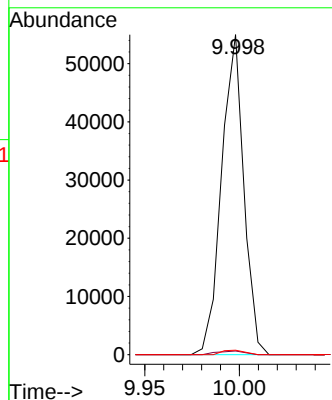
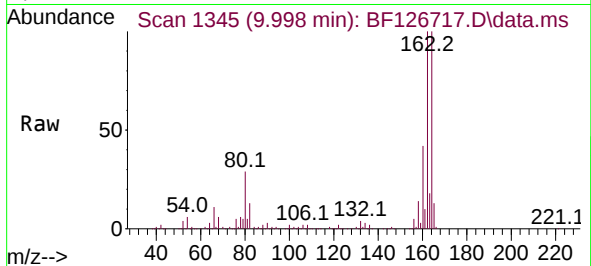
Tgt Ion:165 Resp: 44847

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.4 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.563 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126717.D

Acq: 28 Jan 2022 15:44

Tgt Ion:165 Resp: 44847

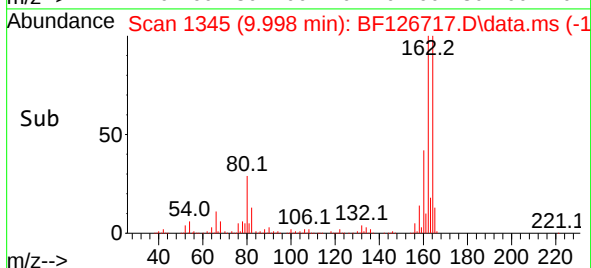
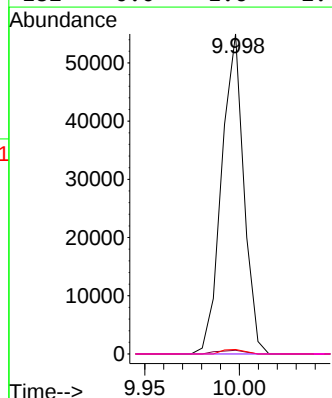
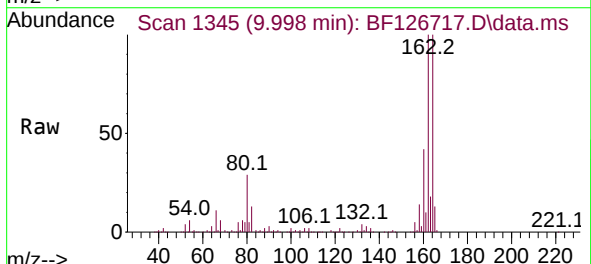
Ion Ratio Lower Upper

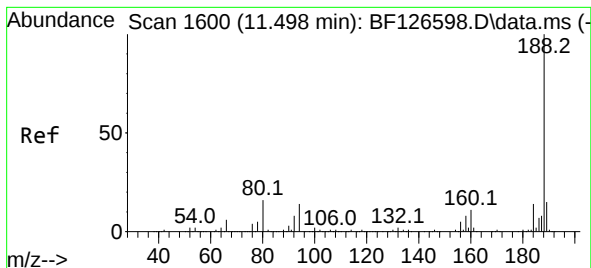
165 100

63 1.1 43.0 64.6#

89 1.4 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126717.D

Acq: 28 Jan 2022 15:44

Instrument :

BNA_F

ClientSampleId :

MH-1D

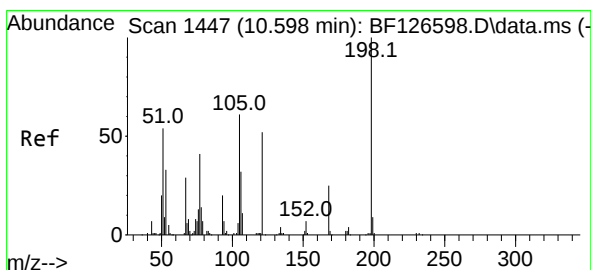
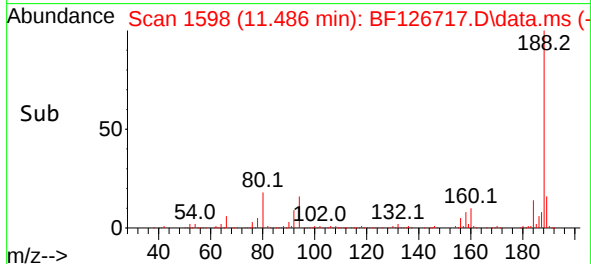
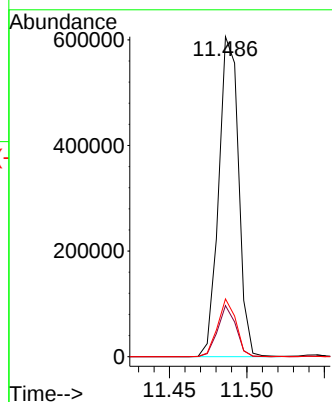
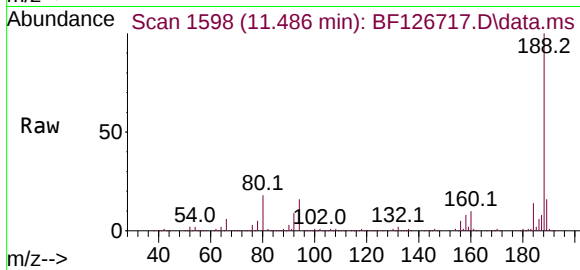
Tgt Ion:188 Resp: 539323

Ion Ratio Lower Upper

188 100

94 16.0 10.1 15.1#

80 18.1 11.8 17.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 7.606 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF126717.D

Acq: 28 Jan 2022 15:44

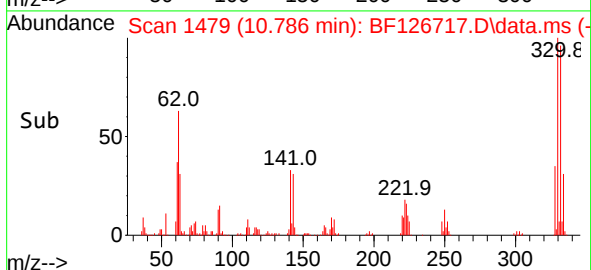
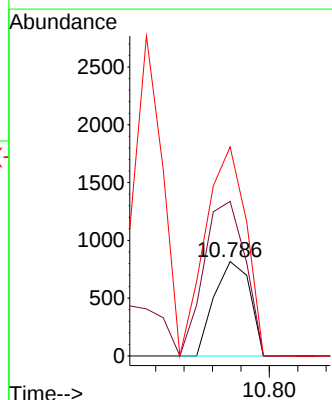
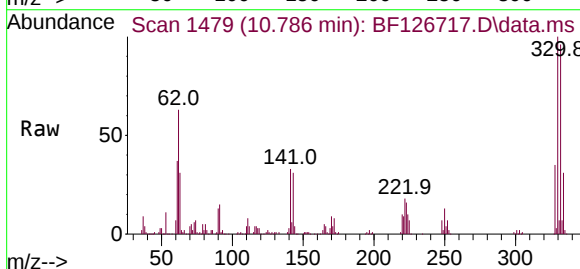
Tgt Ion:198 Resp: 713

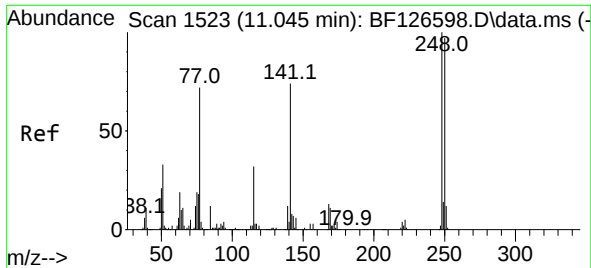
Ion Ratio Lower Upper

198 100

51 163.6 32.0 72.0#

105 221.4 32.7 72.7#

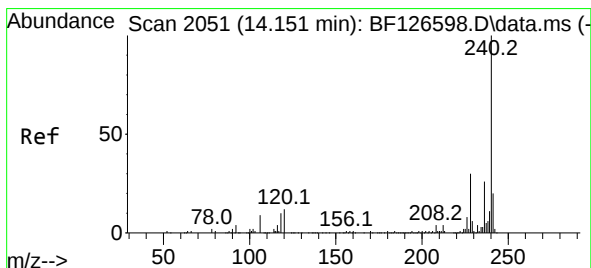
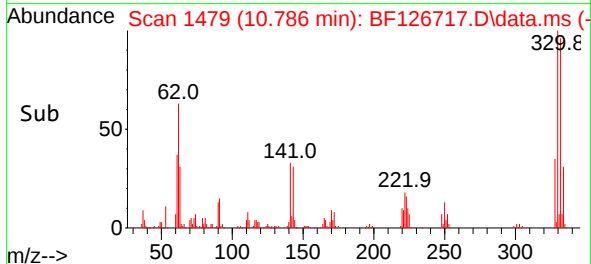
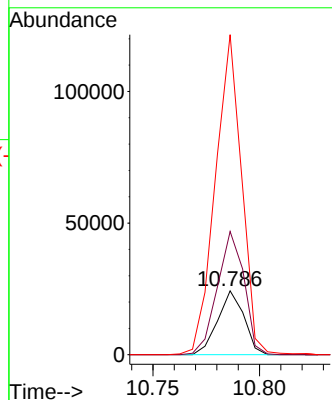
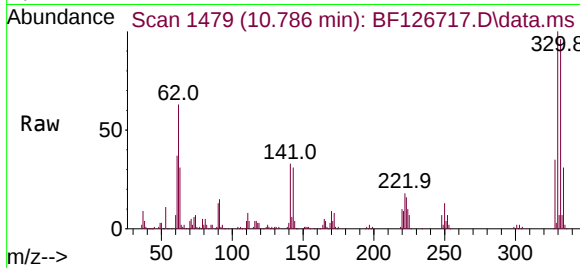




#67
4-Bromophenyl-phenylether
Concen: 3.350 ng
RT: 10.786 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

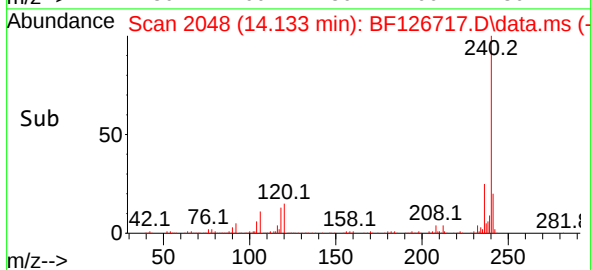
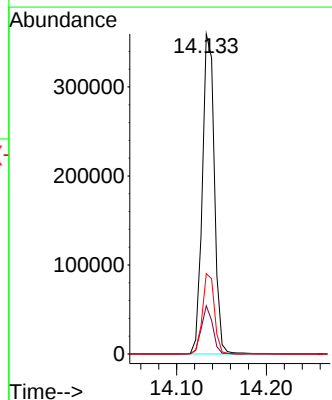
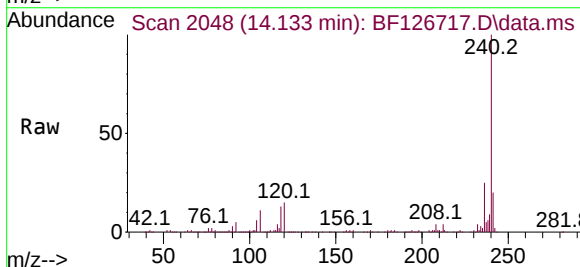
Instrument :
BNA_F
ClientSampleId :
MH-1D

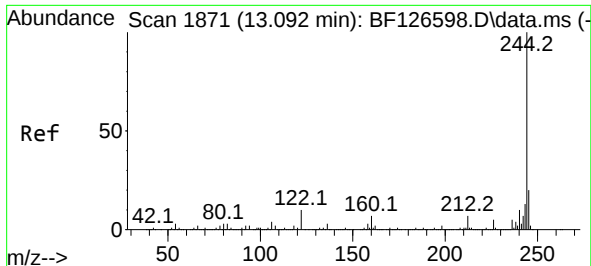
Tgt Ion:248 Resp: 20821
Ion Ratio Lower Upper
248 100
250 193.1 76.2 114.4#
141 501.6 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF126717.D
Acq: 28 Jan 2022 15:44

Tgt Ion:240 Resp: 335126
Ion Ratio Lower Upper
240 100
120 15.1 14.4 21.6
236 25.1 20.5 30.7

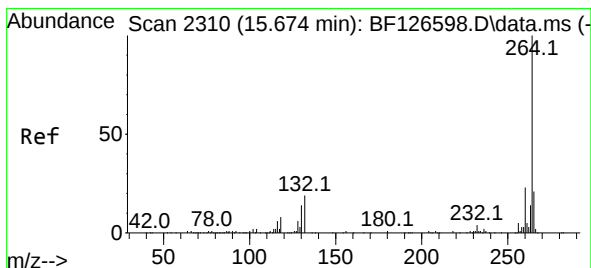
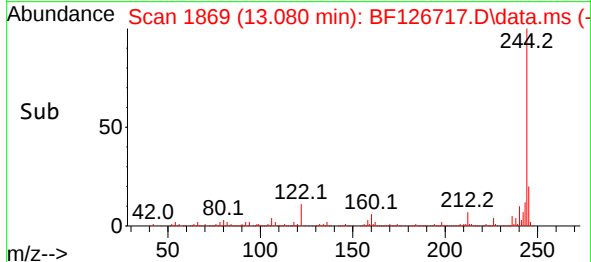
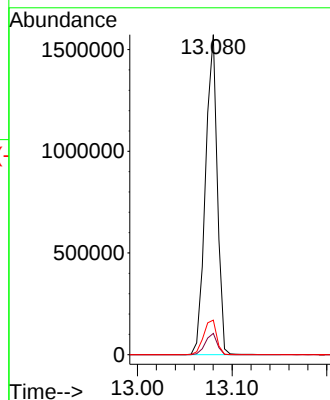
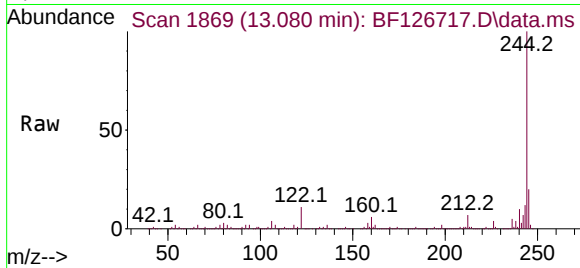




#79
 Terphenyl-d14
 Concen: 68.299 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126717.D
 Acq: 28 Jan 2022 15:44

Instrument :
 BNA_F
 ClientSampleId :
 MH-1D

Tgt Ion:244 Resp: 1364647
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126717.D
 Acq: 28 Jan 2022 15:44

Tgt Ion:264 Resp: 337334
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 17.4 26.2

