

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126163.D
 Acq On : 12 Nov 2021 20:40
 Operator : JU/CG
 Sample : M4639-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-1/2-3

Quant Time: Nov 15 06:37:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

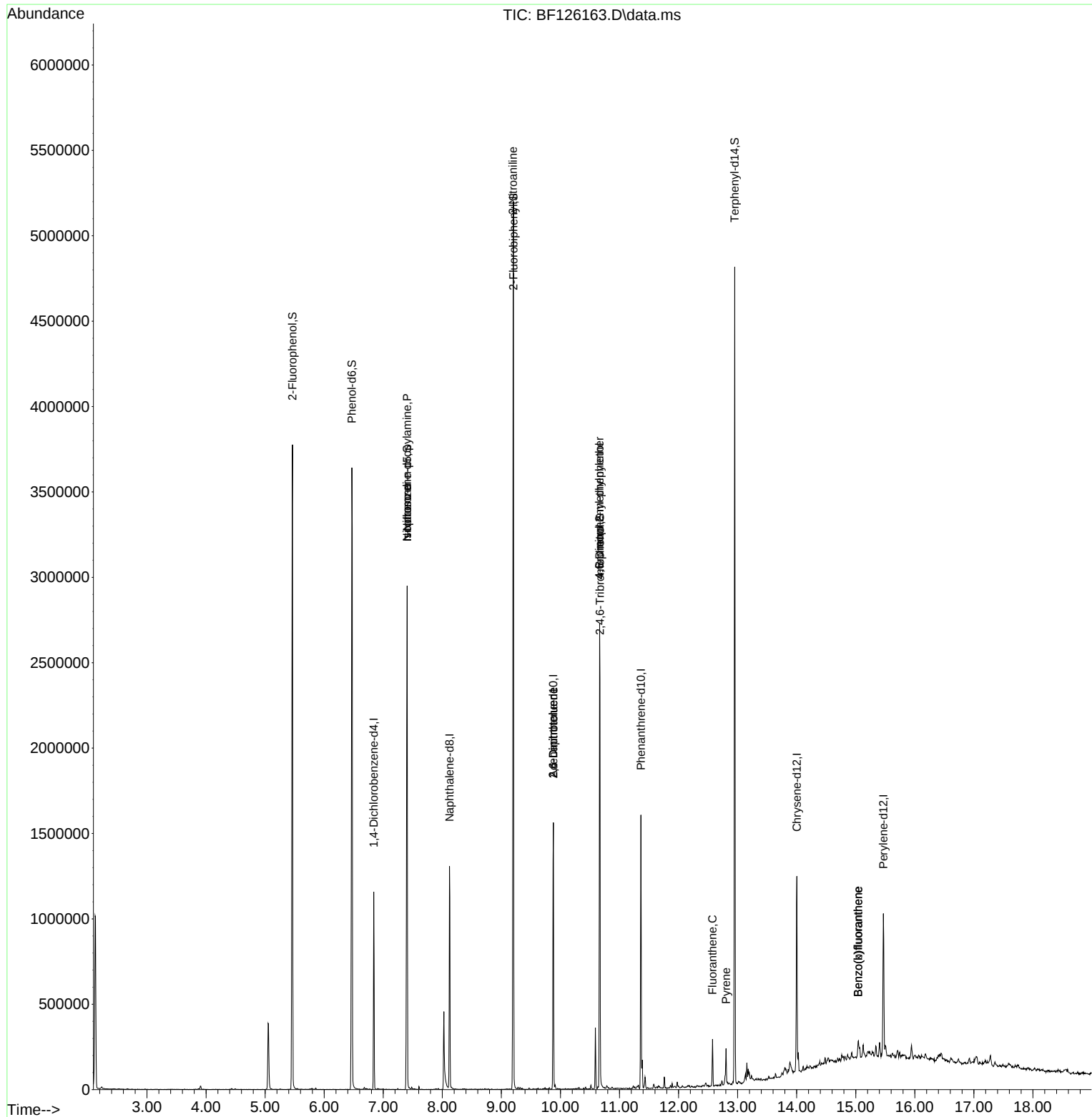
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	146293	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	524828	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	306145	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	522869	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	375938	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	383189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	888076	104.248	ng	0.00
7) Phenol-d6	6.469	99	1179098	98.186	ng	-0.02
23) Nitrobenzene-d5	7.404	82	873142	78.459	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	314295	89.583	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1564515	69.060	ng	-0.01
79) Terphenyl-d14	12.951	244	1452866	62.319	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	239	Below Cal	#	15
19) n-Nitroso-di-n-propyla...	7.404	70	124640	15.744	ng	# 58
25) Isophorone	7.404	82	873132	43.577	ng	# 59
48) 2-Nitroaniline	9.198	65	3169	3.339	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	38993	10.206	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	38993	9.783	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	822	8.587	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	20693	3.267	ng	# 1
75) Fluoranthene	12.574	202	99915	3.164	ng	96
78) Pyrene	12.804	202	82198	2.726	ng	98
88) Benzo(b)fluoranthene	15.039	252	75243	3.019	ng	# 93
89) Benzo(k)fluoranthene	15.039	252	75243	3.112	ng	98

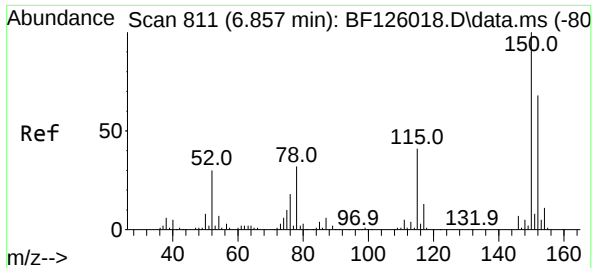
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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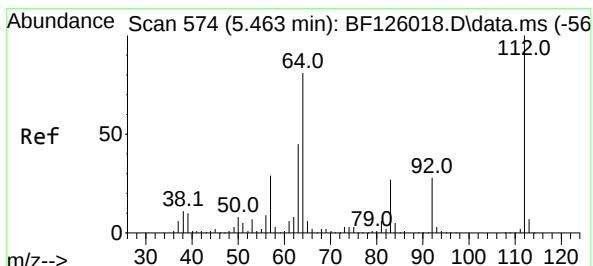
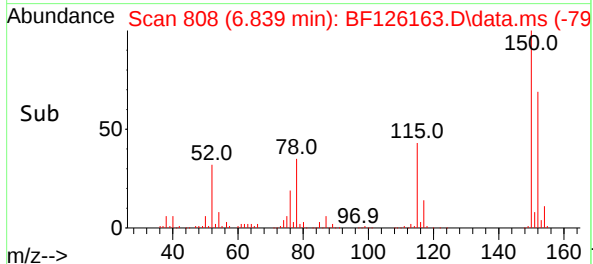
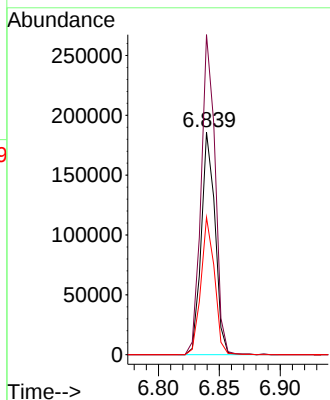
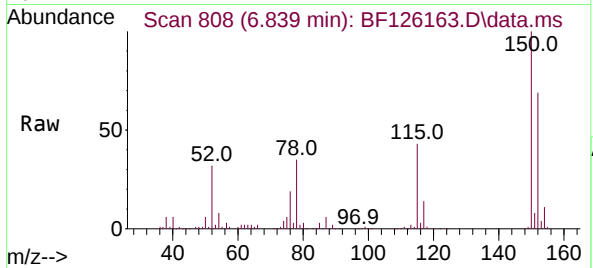




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.018 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

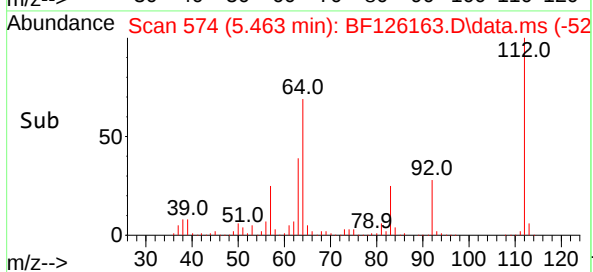
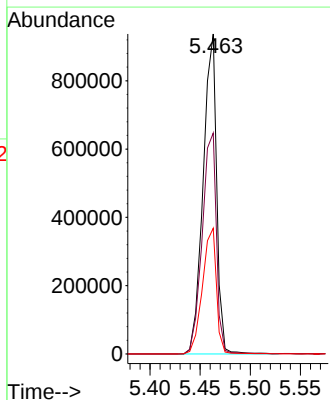
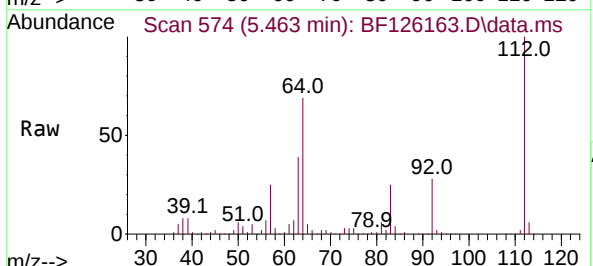
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

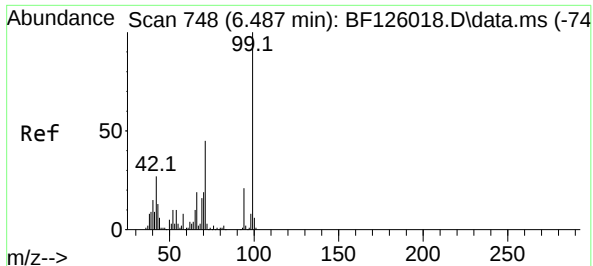
Tgt Ion:152 Resp: 146293
Ion Ratio Lower Upper
152 100
150 143.9 117.6 176.4
115 61.8 47.1 70.7



#5
2-Fluorophenol
Concen: 104.248 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:112 Resp: 888076
Ion Ratio Lower Upper
112 100
64 69.1 44.2 66.2#
63 39.3 26.2 39.2#



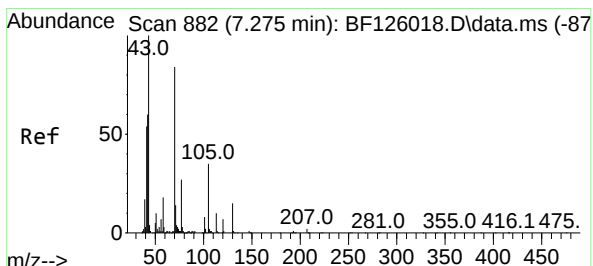
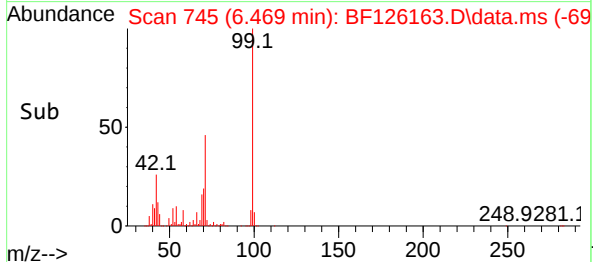
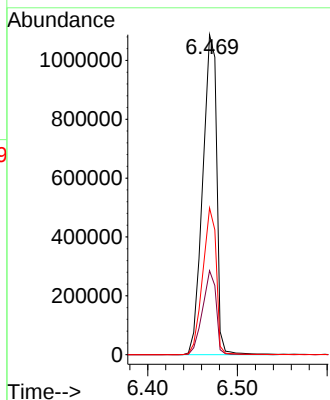
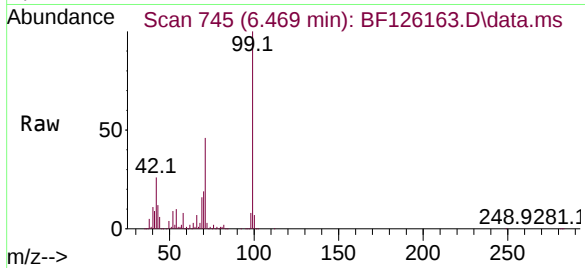


#7
Phenol-d6
Concen: 98.186 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

Tgt Ion: 99 Resp: 1179098

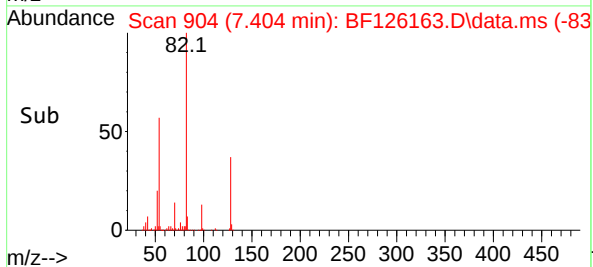
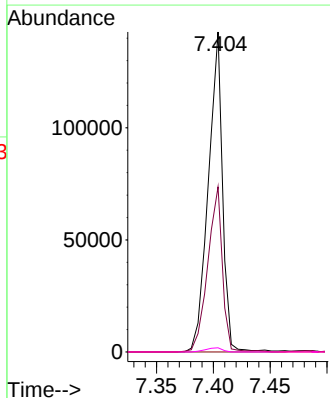
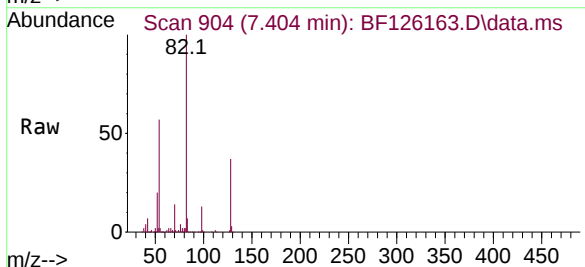
Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.5	35.3
71	45.9	25.6	38.4

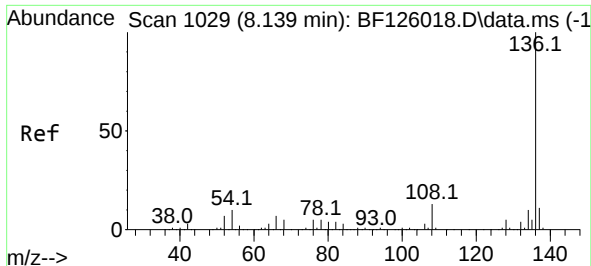


#19
n-Nitroso-di-n-propylamine
Concen: 15.744 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion: 70 Resp: 124640

Ion	Ratio	Lower	Upper
70	100		
42	51.6	72.2	108.2
101	0.0	7.8	11.8
130	1.3	21.8	32.6

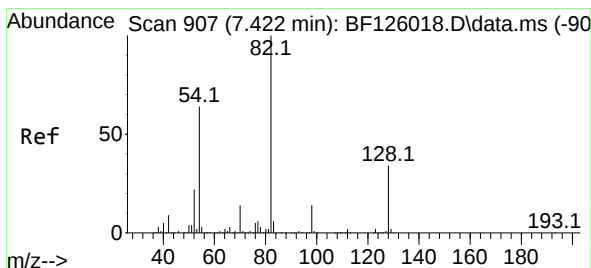
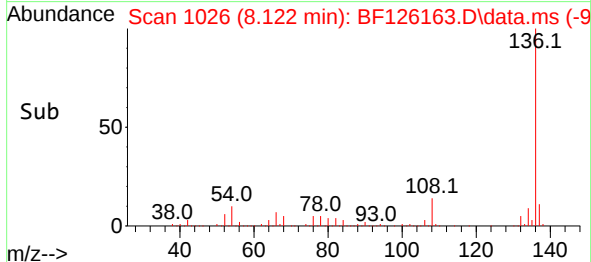
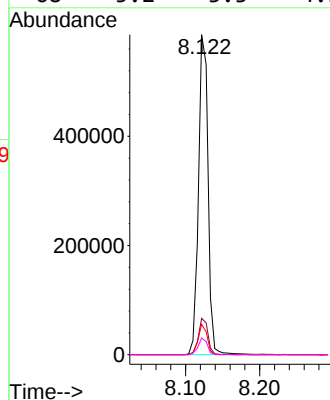
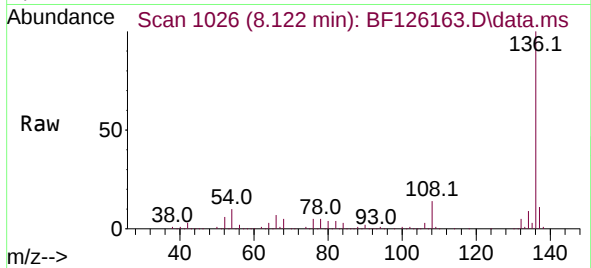




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

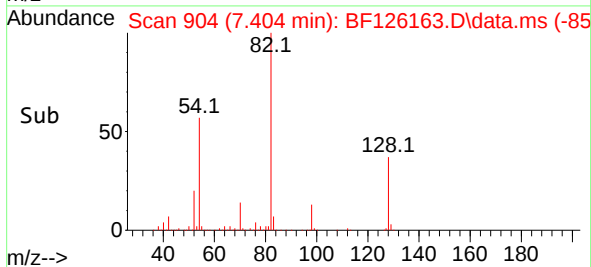
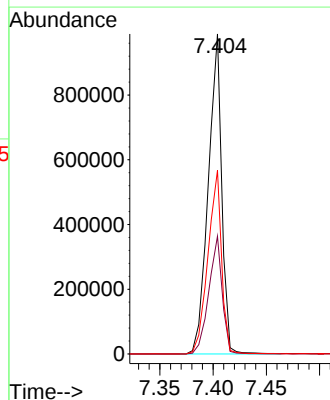
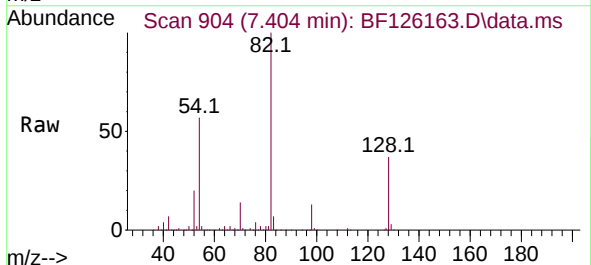
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

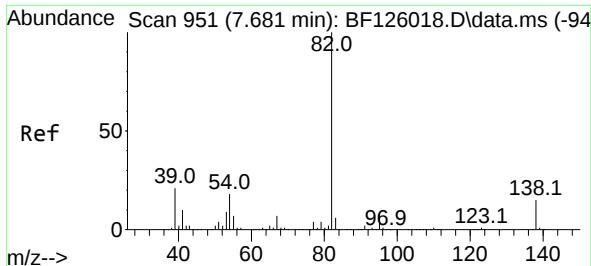
Tgt Ion:136 Resp: 524828
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.5 6.4 9.6
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 78.459 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion: 82 Resp: 873142
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 57.4 49.6 74.4

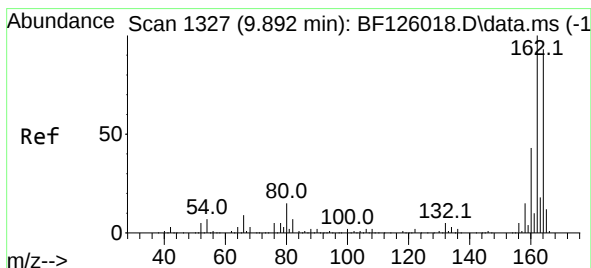
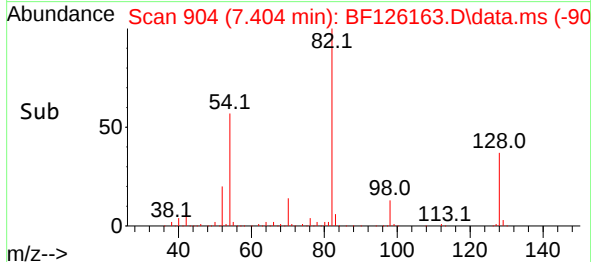
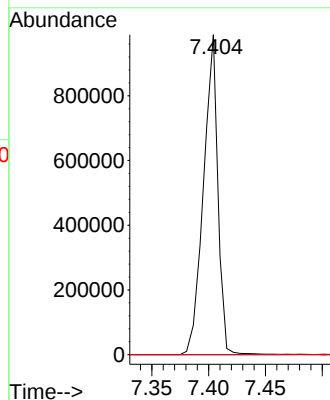
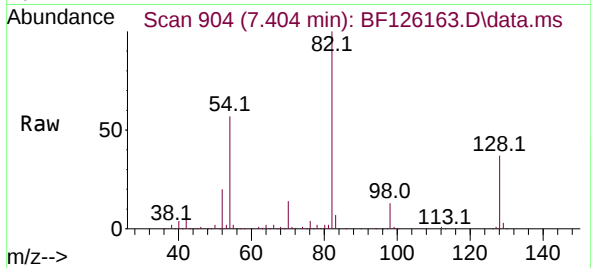




#25
Isophorone
Concen: 43.577 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

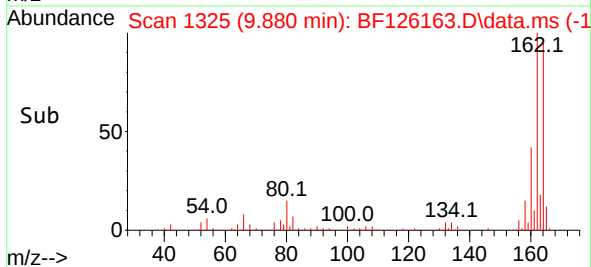
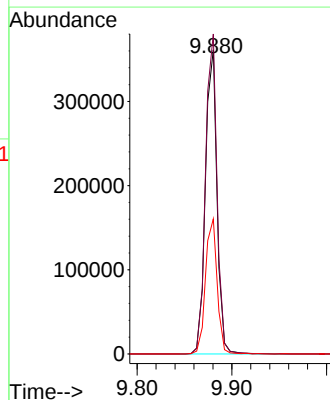
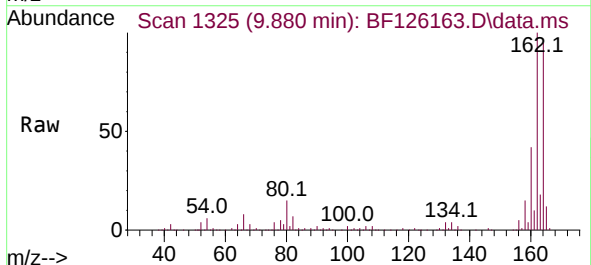
Instrument :
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ClientSampleId :
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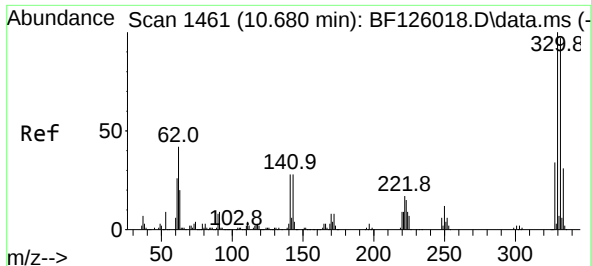
Tgt Ion: 82 Resp: 873132
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:164 Resp: 306145
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 44.4 38.0 57.0

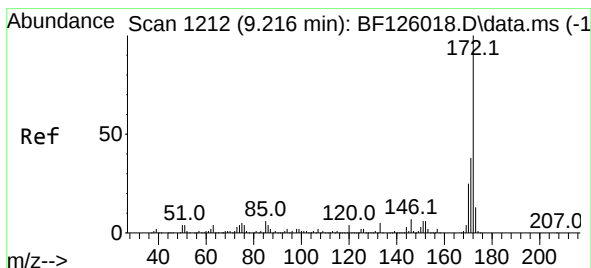
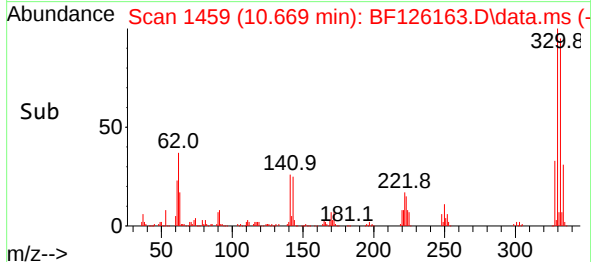
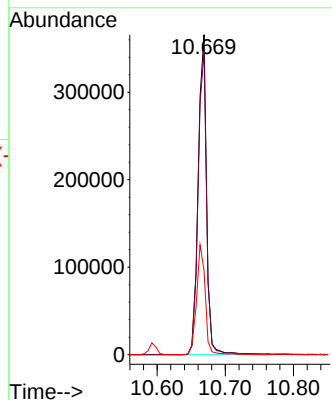
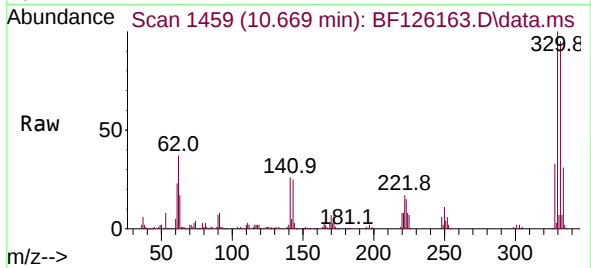




#42
2,4,6-Tribromophenol
Concen: 89.583 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

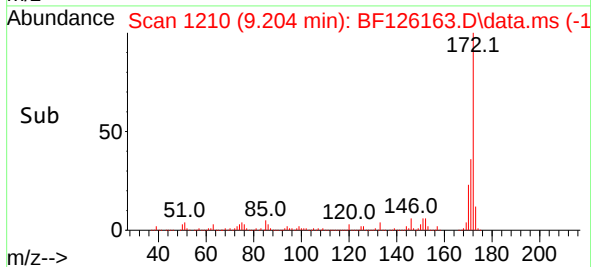
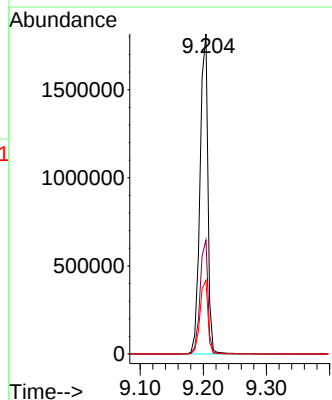
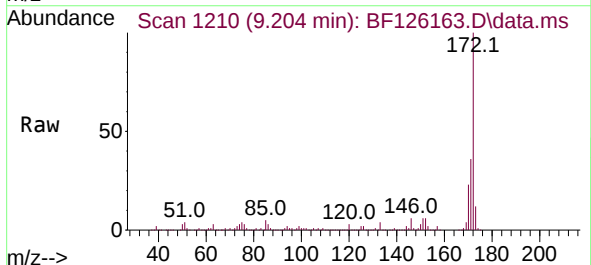
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

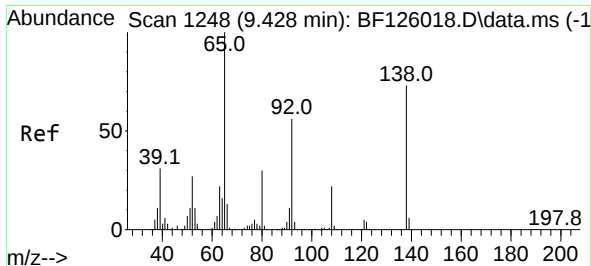
Tgt Ion:330 Resp: 314295
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 35.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.060 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:172 Resp: 1564515
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.1 18.8 28.2

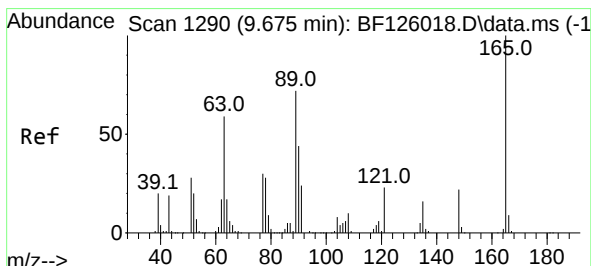
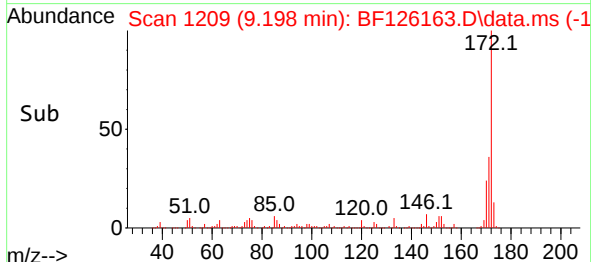
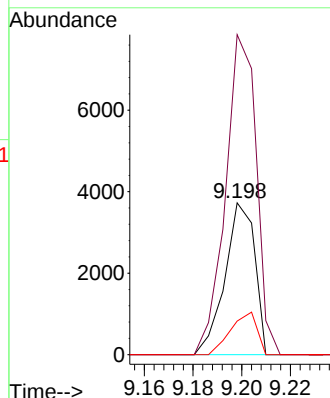
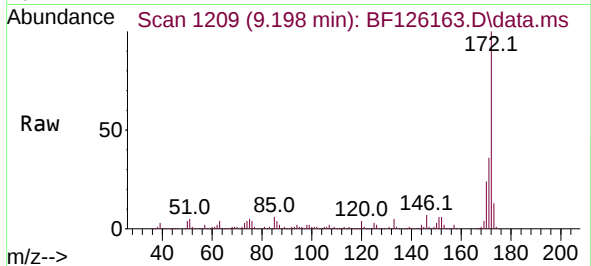




#48
2-Nitroaniline
Concen: 3.339 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

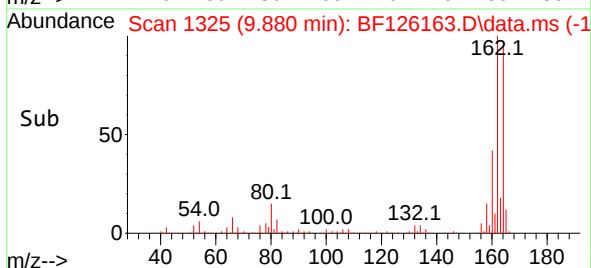
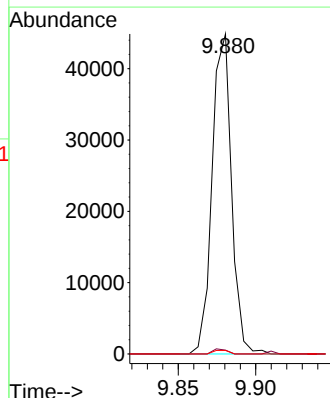
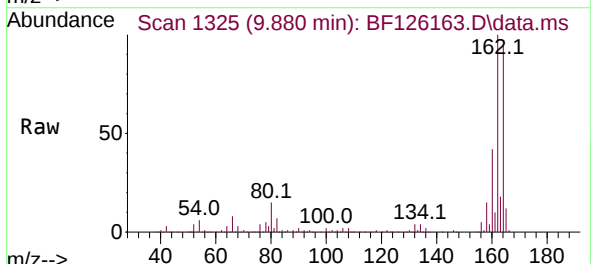
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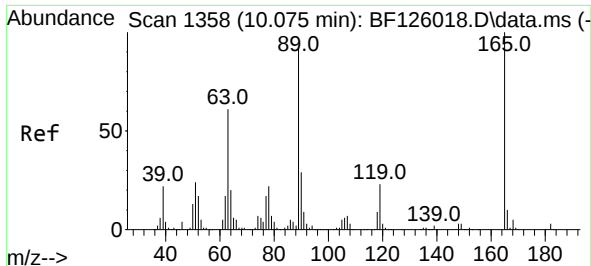
Tgt Ion: 65 Resp: 3169
Ion Ratio Lower Upper
65 100
92 210.7 55.5 83.3#
138 22.1 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.206 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion: 165 Resp: 38993
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 40.6 60.8#

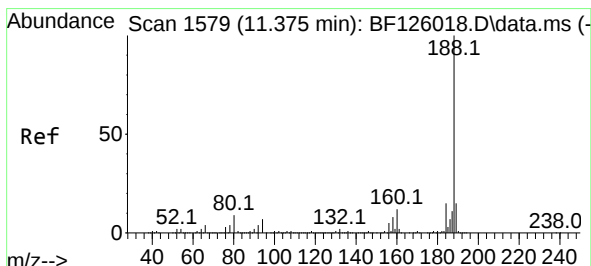
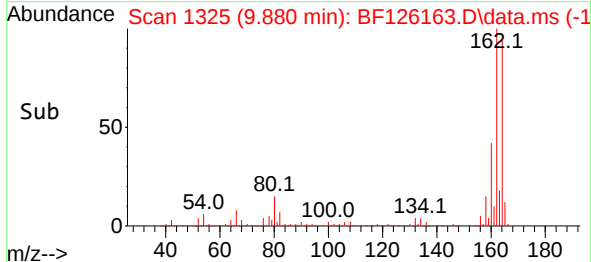
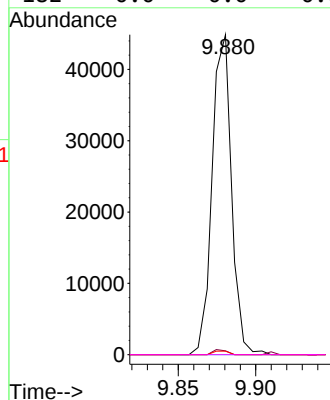
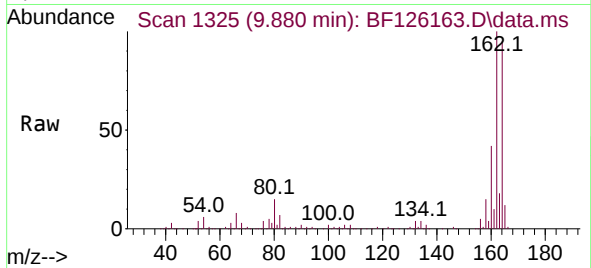




#57
2,4-Dinitrotoluene
Concen: 9.783 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

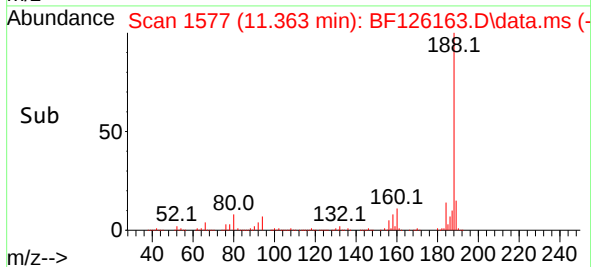
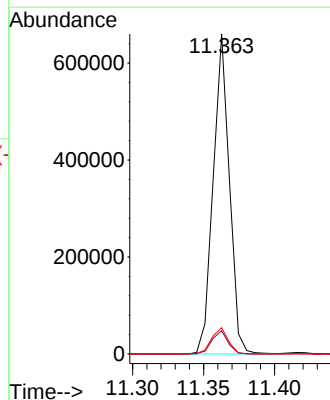
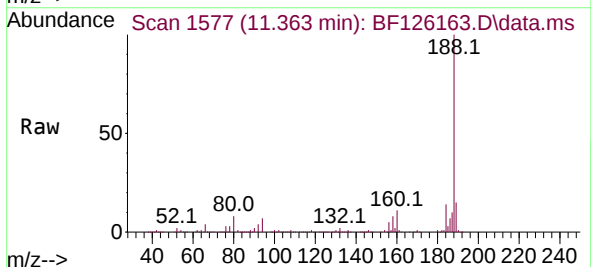
Instrument :
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TT-1/2-3

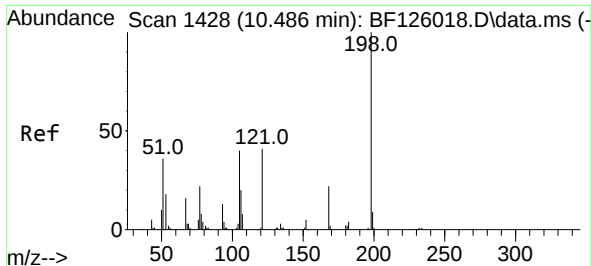
Tgt Ion:165 Resp: 38993
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:188 Resp: 522869
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.2 7.5 11.3

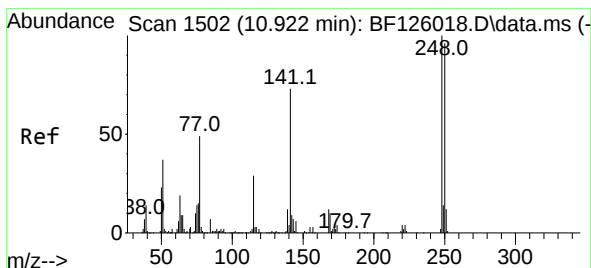
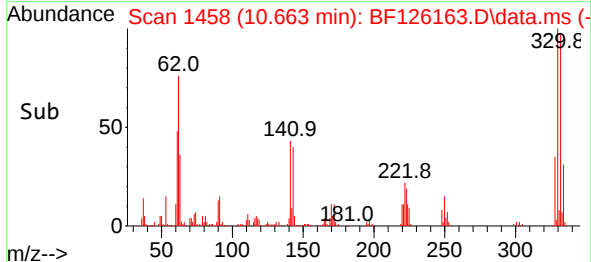
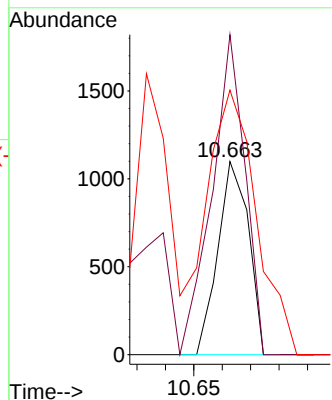
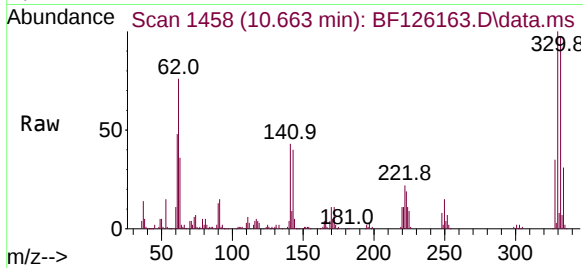




#65
4,6-Dinitro-2-methylphenol
Concen: 8.587 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

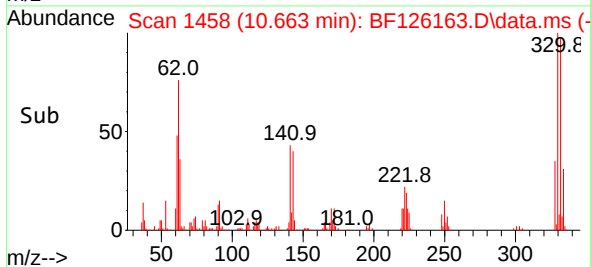
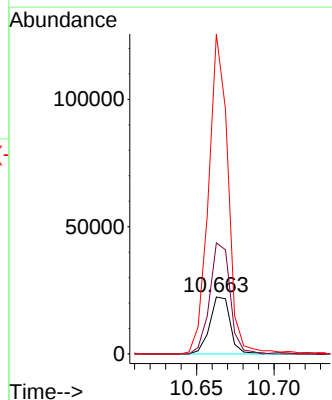
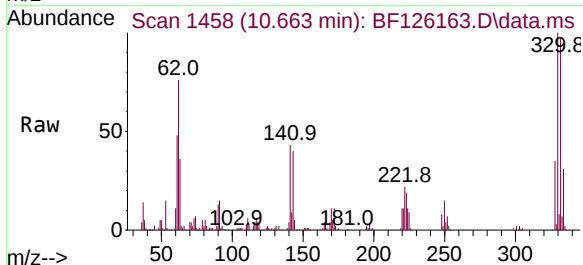
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

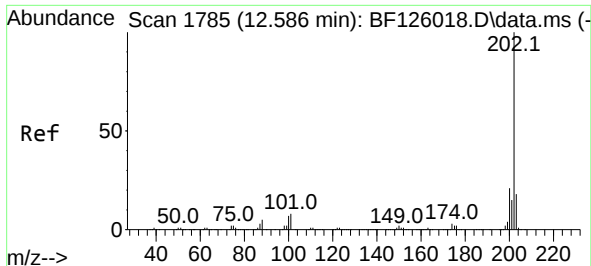
Tgt Ion:198 Resp: 822
Ion Ratio Lower Upper
198 100
51 165.8 45.3 85.3#
105 137.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.267 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:248 Resp: 20693
Ion Ratio Lower Upper
248 100
250 194.5 74.2 111.4#
141 561.0 60.4 90.6#

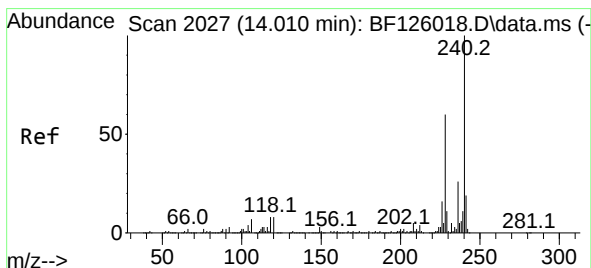
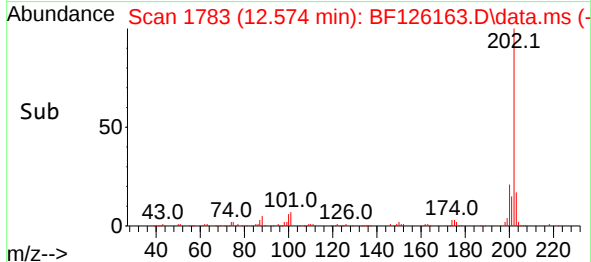
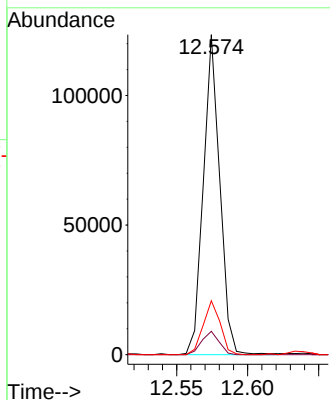
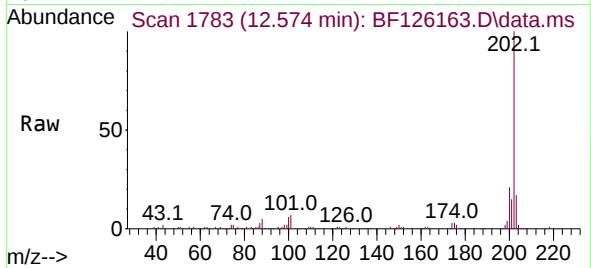




#75
Fluoranthene
Concen: 3.164 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

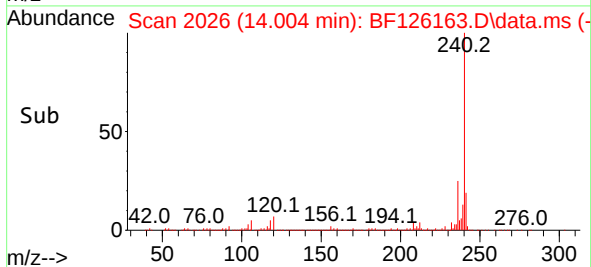
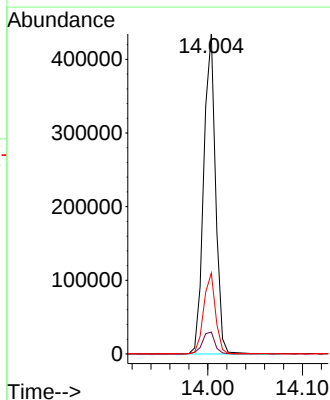
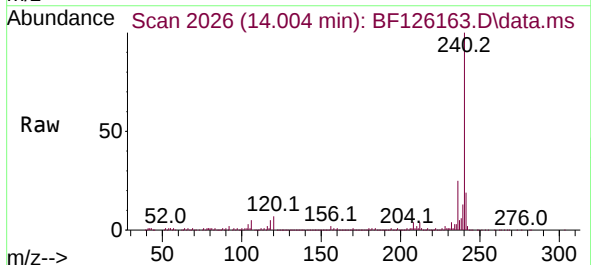
Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

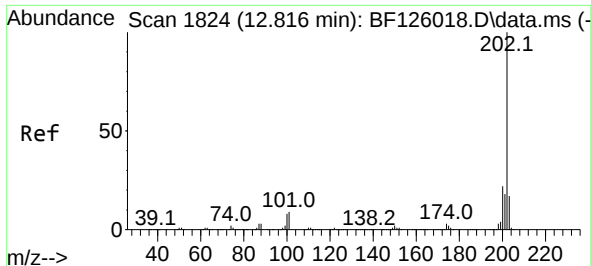
Tgt Ion:202 Resp: 99915
Ion Ratio Lower Upper
202 100
101 7.3 0.0 30.7
203 16.9 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:240 Resp: 375938
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2#
236 25.3 21.6 32.4

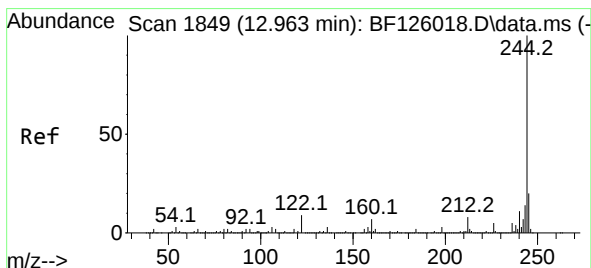
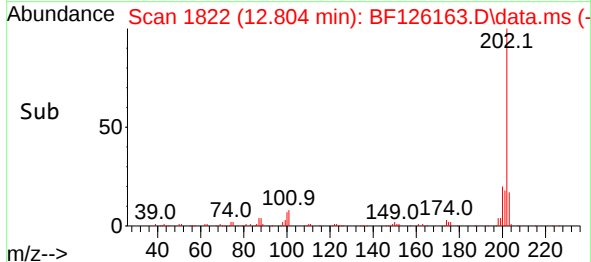
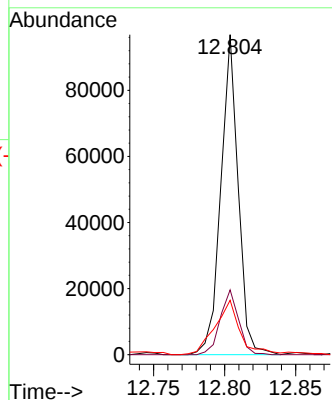
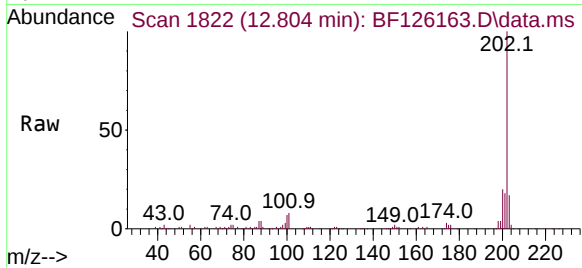




#78
 Pyrene
 Concen: 2.726 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF126163.D
 Acq: 12 Nov 2021 20:40

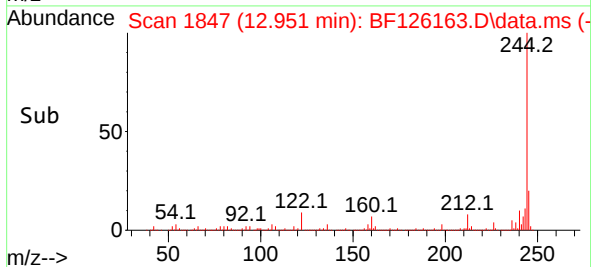
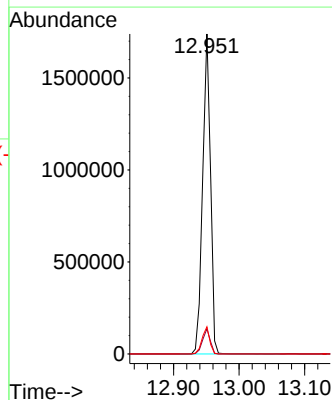
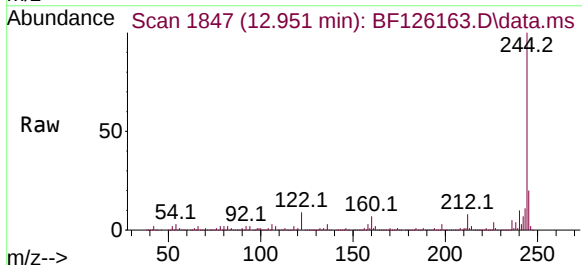
Instrument :
 BNA_F
 ClientSampleId :
 TT-1/2-3

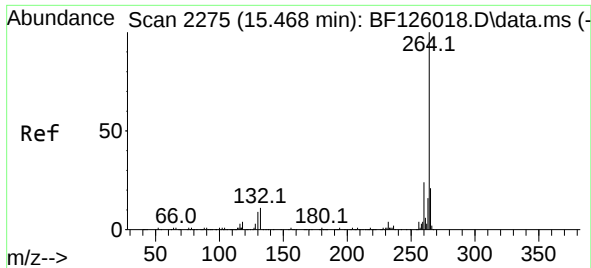
Tgt Ion:202 Resp: 82198
 Ion Ratio Lower Upper
 202 100
 200 20.2 15.3 22.9
 203 17.0 13.4 20.0



#79
 Terphenyl-d14
 Concen: 62.319 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126163.D
 Acq: 12 Nov 2021 20:40

Tgt Ion:244 Resp: 1452866
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 8.5 9.0 13.4#



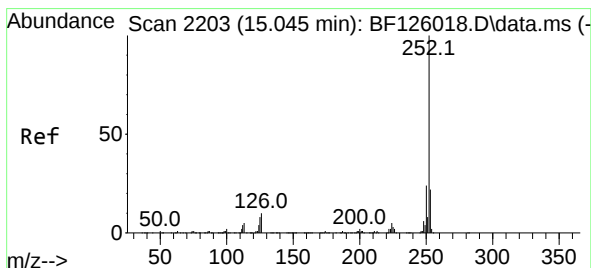
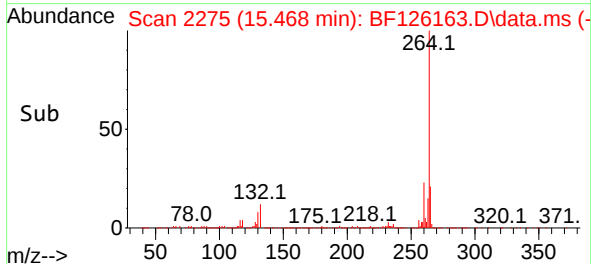
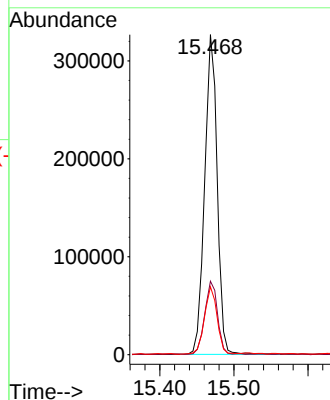
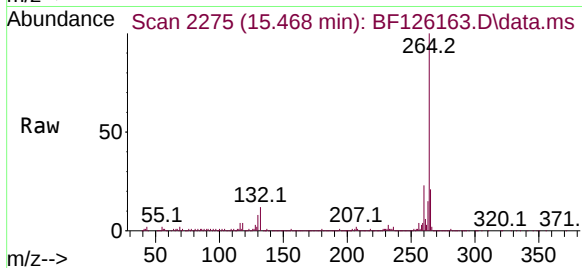


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Instrument :
BNA_F
ClientSampleId :
TT-1/2-3

Tgt Ion:264 Resp: 383189

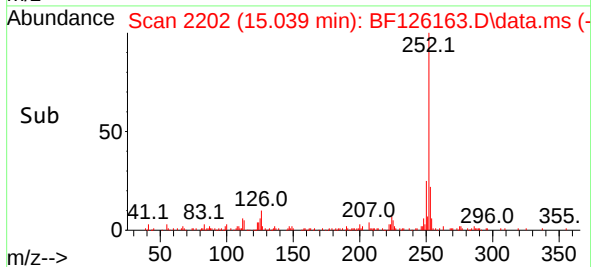
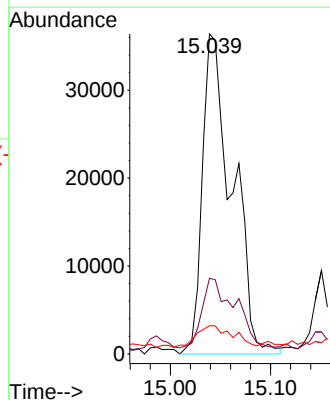
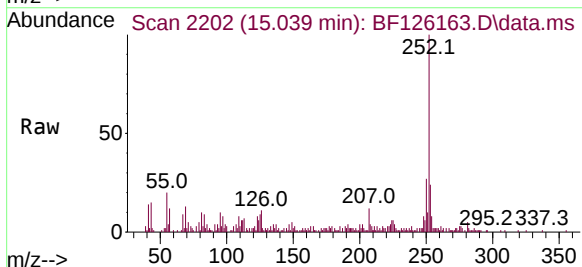
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.2	17.2	25.8

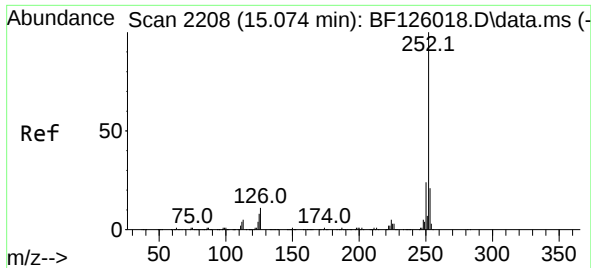


#88
Benzo(b)fluoranthene
Concen: 3.019 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF126163.D
Acq: 12 Nov 2021 20:40

Tgt Ion:252 Resp: 75243

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	8.8	9.8	14.8





#89

Benzo(k)fluoranthene

Concen: 3.112 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF126163.D

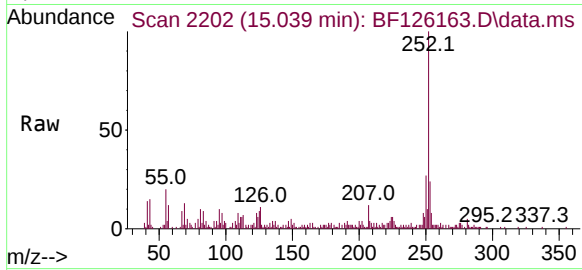
Acq: 12 Nov 2021 20:40

Instrument :

BNA_F

ClientSampleId :

TT-1/2-3



Tgt Ion:252 Resp: 75243

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 8.8 7.2 10.8

