

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126135.D
 Acq On : 11 Nov 2021 20:22
 Operator : JU/CG
 Sample : M4639-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-9/4-5

Quant Time: Nov 12 09:43:04 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)

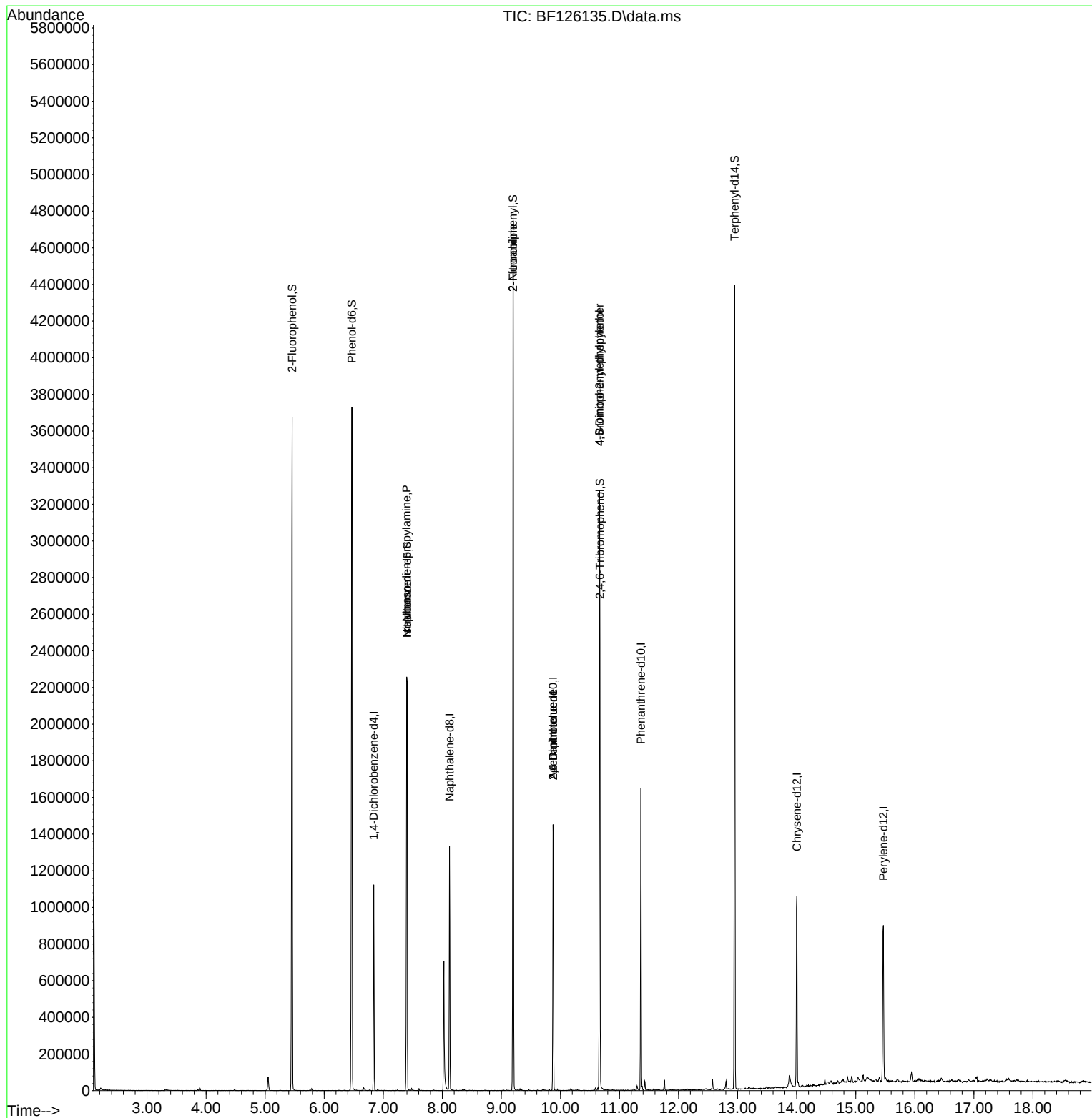
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	134300	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	489593	20.000	ng	#-0.02
39) Acenaphthene-d10	9.875	164	284489	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	531030	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	360834	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	383123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	795837	101.763	ng	0.00
7) Phenol-d6	6.469	99	1010871	91.694	ng	-0.02
23) Nitrobenzene-d5	7.404	82	741146	71.391	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	349396	107.168	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1349195	64.089	ng	-0.02
79) Terphenyl-d14	12.951	244	1320691	59.021	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	2037	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	104934	14.438	ng	# 63
25) Isophorone	7.404	82	740896	39.639	ng	# 59
48) 2-Nitroaniline	9.198	65	2622	3.285	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	37099	10.450	ng	# 28
57) 2,4-Dinitrotoluene	9.875	165	37099	9.941	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.663	198	1224	8.713	ng	# 20
67) 4-Bromophenyl-phenylether	10.663	248	22813	3.547	ng	# 1

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

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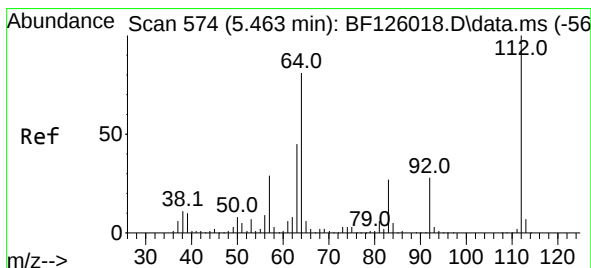
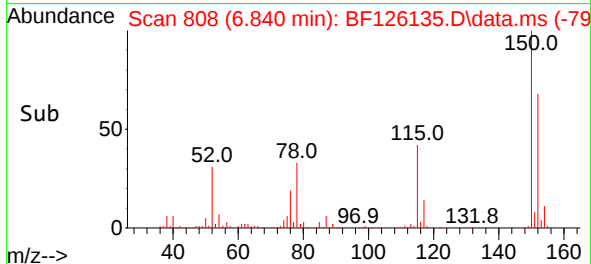
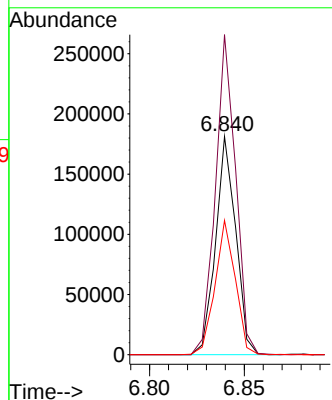
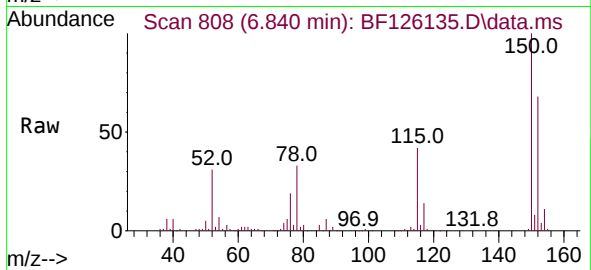




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

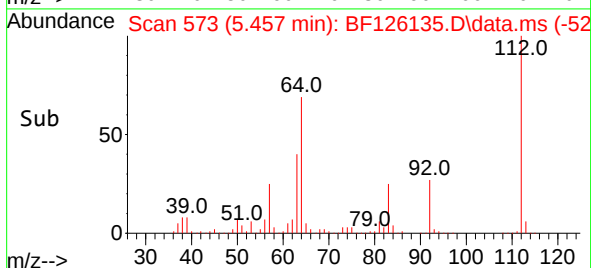
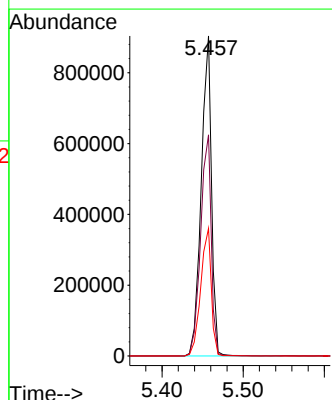
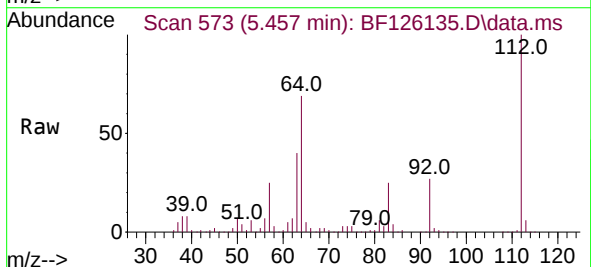
Instrument :
BNA_F
ClientSampleId :
TT-9/4-5

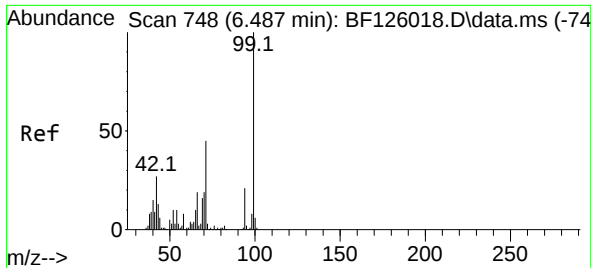
Tgt Ion:152 Resp: 134300
Ion Ratio Lower Upper
152 100
150 146.6 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 101.763 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion:112 Resp: 795837
Ion Ratio Lower Upper
112 100
64 69.1 44.2 66.2#
63 39.8 26.2 39.2#





#7

Phenol-d6

Concen: 91.694 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF126135.D

Acq: 11 Nov 2021 20:22

Instrument :

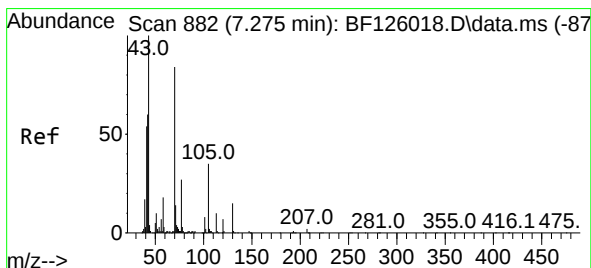
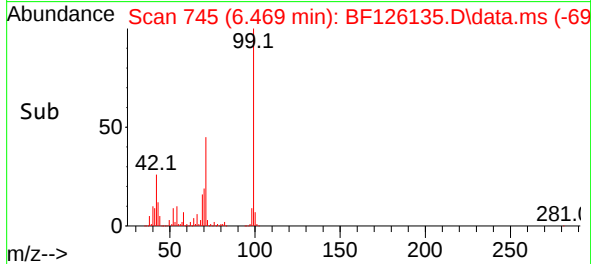
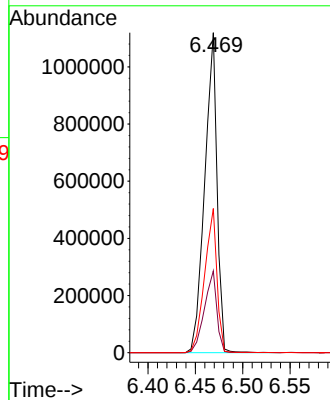
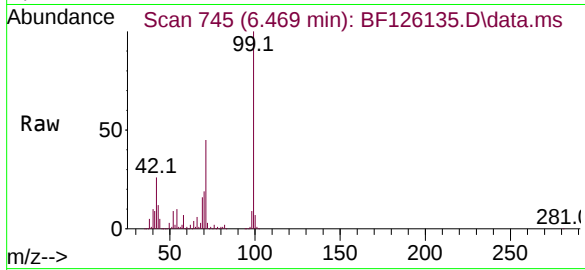
BNA_F

ClientSampleId :

TT-9/4-5

Tgt Ion: 99 Resp: 1010871

Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	45.1	25.6	38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 14.438 ng

RT: 7.398 min Scan# 903

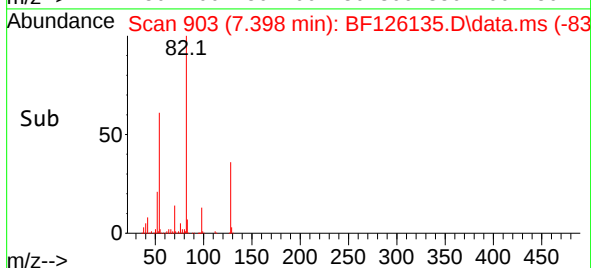
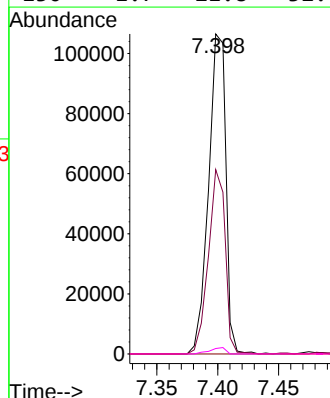
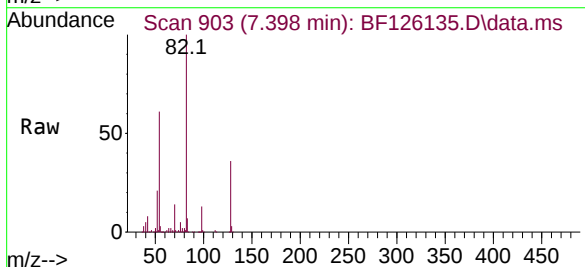
Delta R.T. 0.124 min

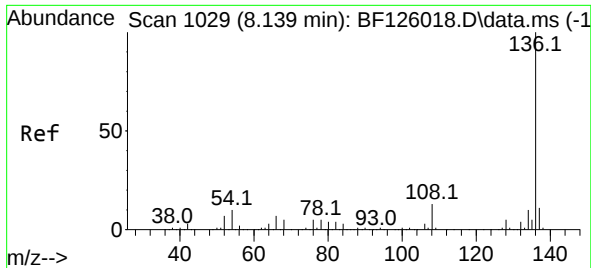
Lab File: BF126135.D

Acq: 11 Nov 2021 20:22

Tgt Ion: 70 Resp: 104934

Ion	Ratio	Lower	Upper
70	100		
42	57.6	72.2	108.2#
101	0.0	7.8	11.8#
130	1.7	21.8	32.6#

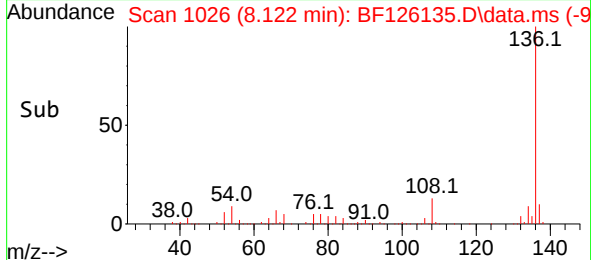
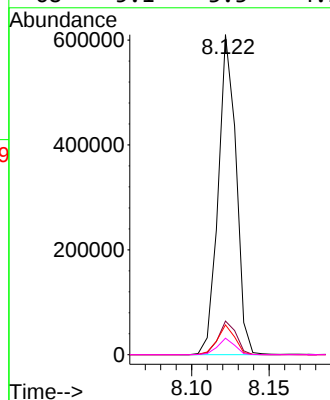
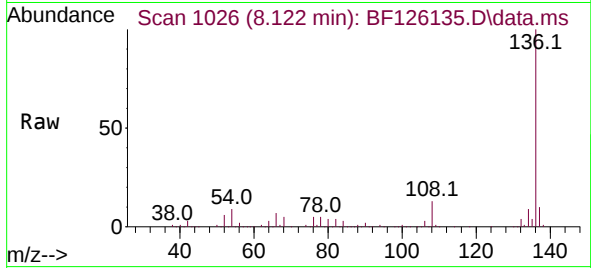




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

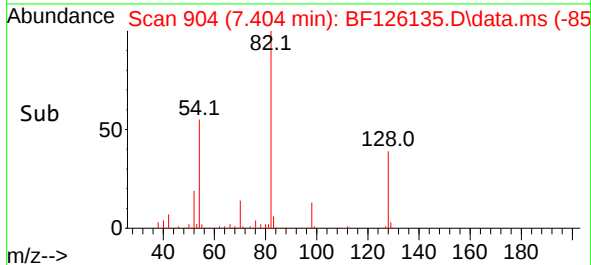
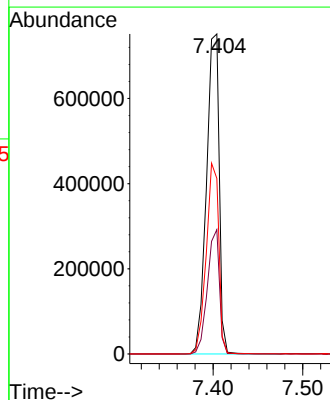
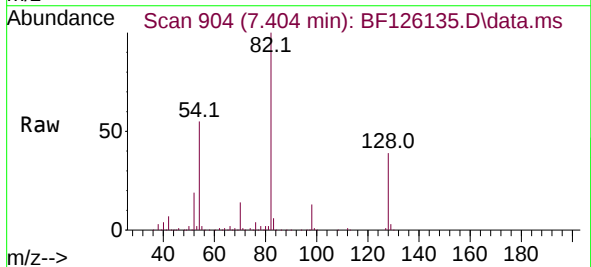
Instrument :
BNA_F
ClientSampleId :
TT-9/4-5

Tgt Ion:136 Resp: 489593
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.3 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 71.391 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion: 82 Resp: 741146
Ion Ratio Lower Upper
82 100
128 38.8 40.6 60.8#
54 54.9 49.6 74.4

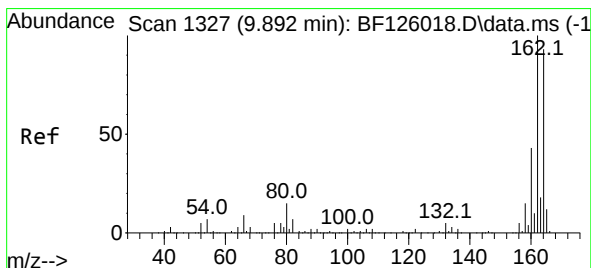
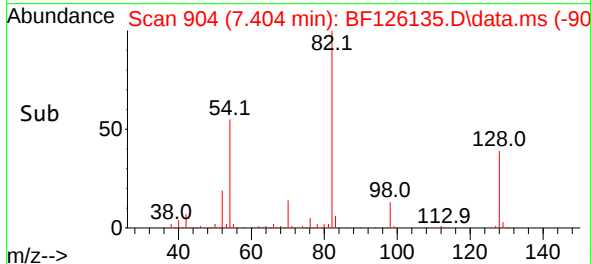
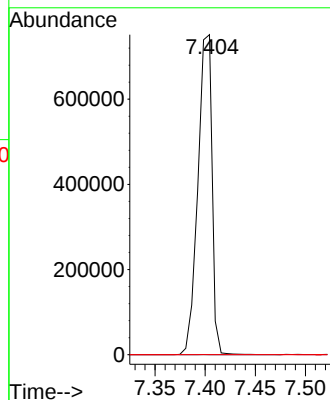
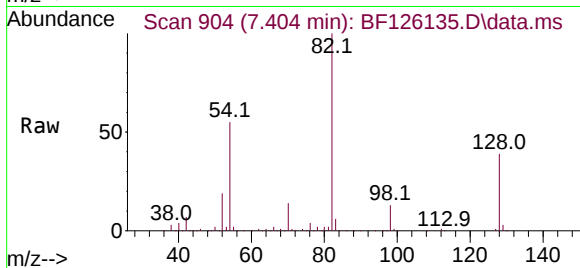




#25
Isophorone
Concen: 39.639 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

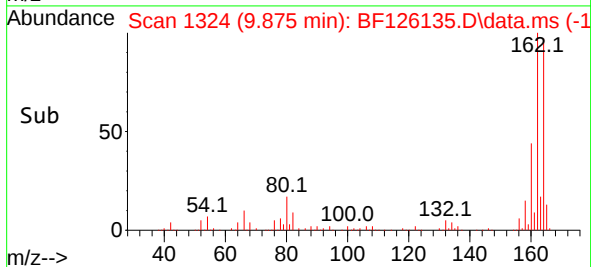
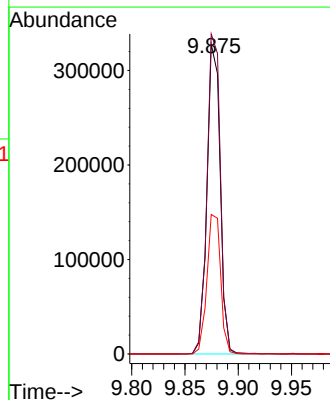
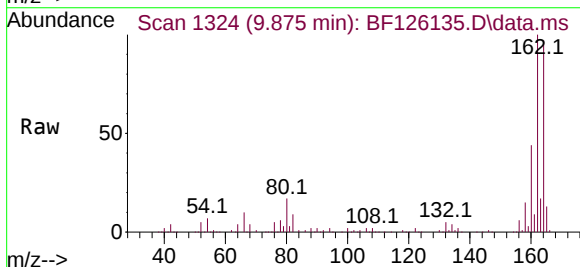
Instrument :
BNA_F
ClientSampleId :
TT-9/4-5

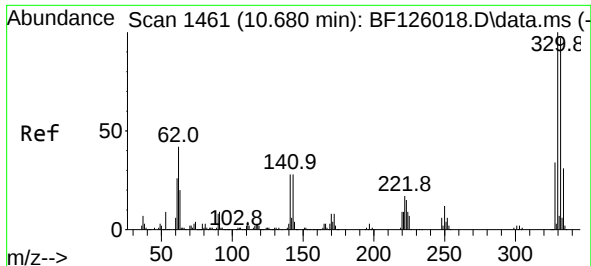
Tgt Ion: 82 Resp: 740896
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.017 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion: 164 Resp: 284489
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.0 38.0 57.0

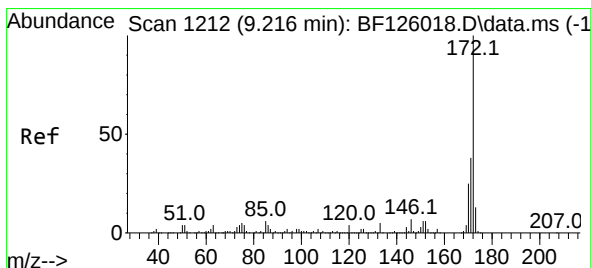
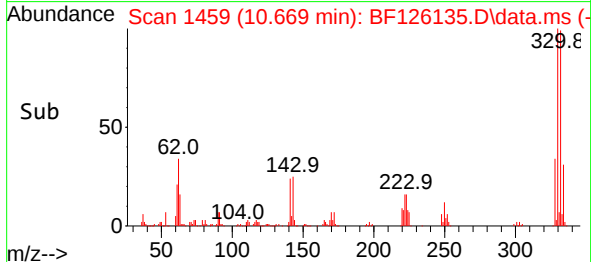
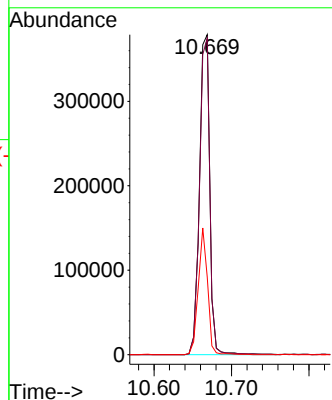
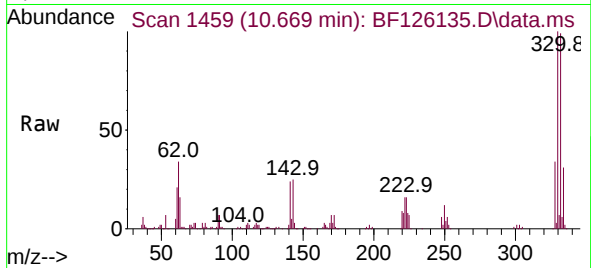




#42
2,4,6-Tribromophenol
Concen: 107.168 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

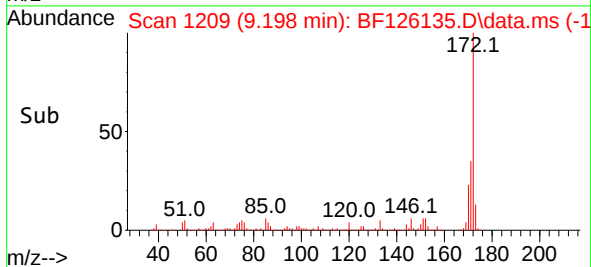
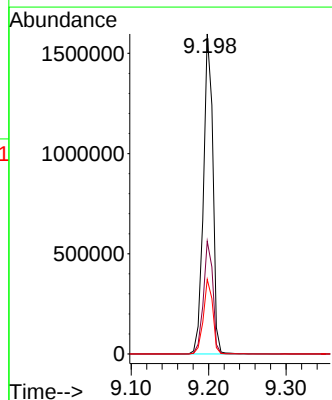
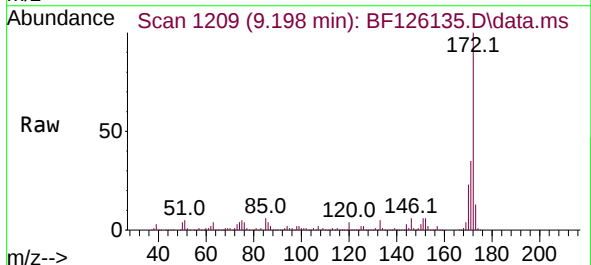
Instrument :
BNA_F
ClientSampleId :
TT-9/4-5

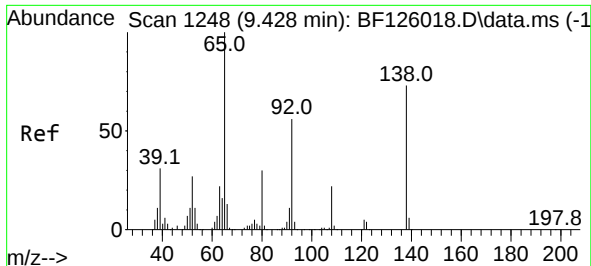
Tgt Ion:330 Resp: 349396
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 35.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.089 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion:172 Resp: 1349195
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.3 18.8 28.2

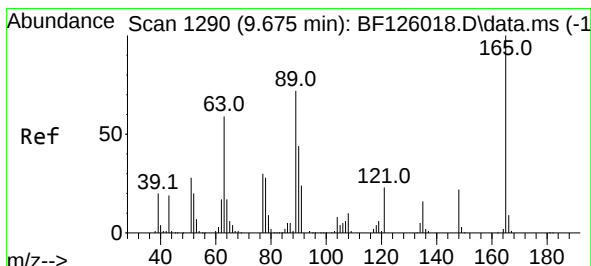
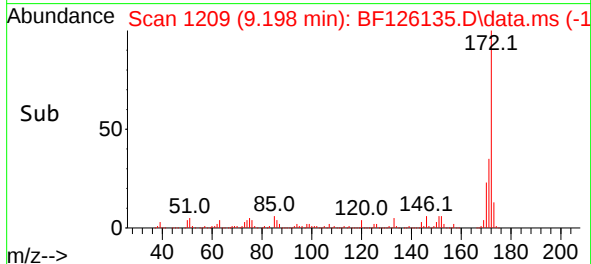
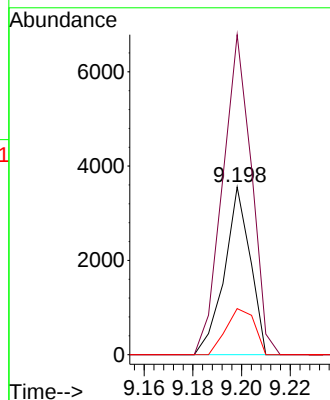
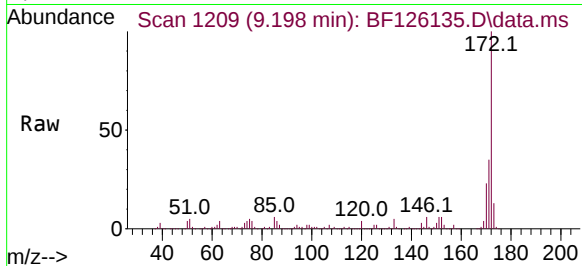




#48
2-Nitroaniline
Concen: 3.285 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

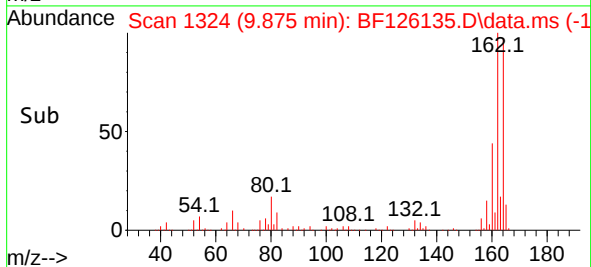
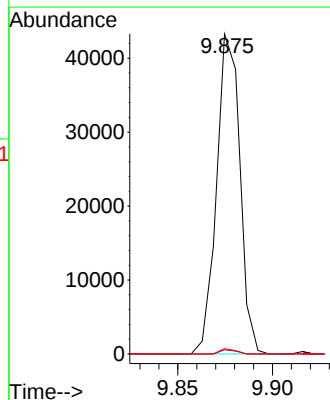
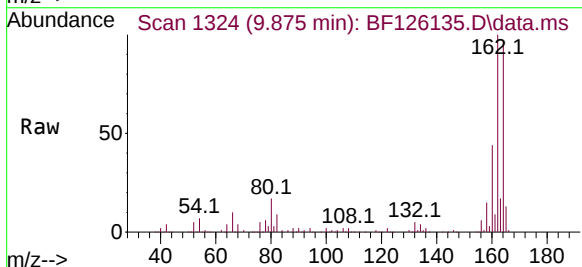
Instrument :
BNA_F
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TT-9/4-5

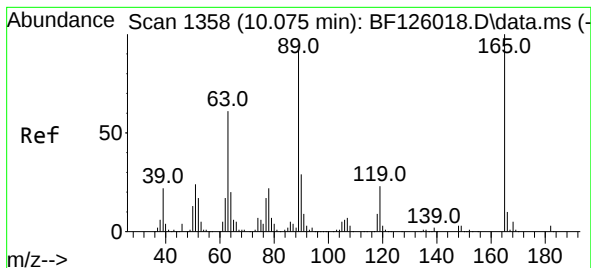
Tgt Ion: 65 Resp: 2622
Ion Ratio Lower Upper
65 100
92 190.9 55.5 83.3#
138 27.5 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.450 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.200 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion: 165 Resp: 37099
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.7 40.6 60.8#

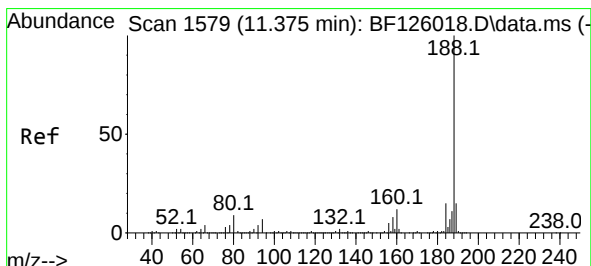
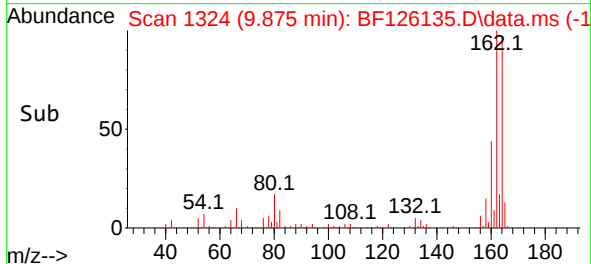
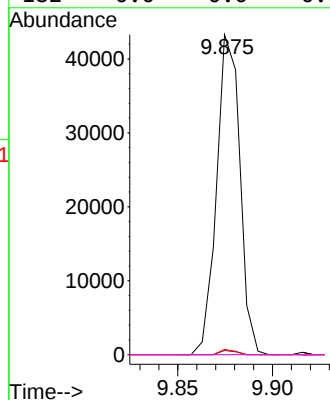
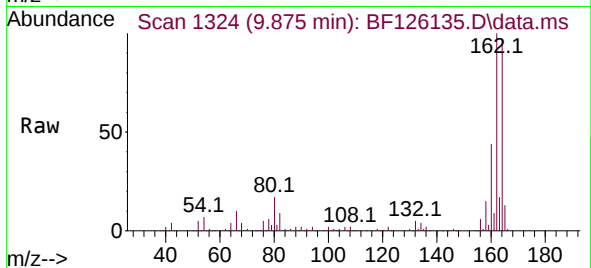




#57
2,4-Dinitrotoluene
Concen: 9.941 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

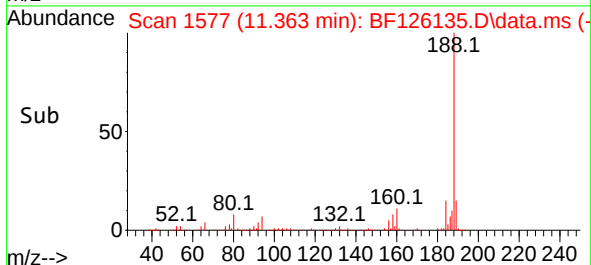
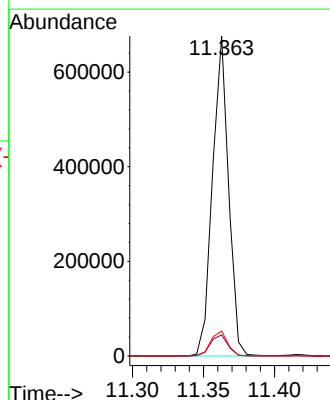
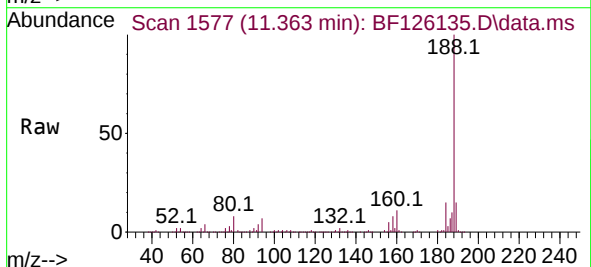
Instrument :
BNA_F
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TT-9/4-5

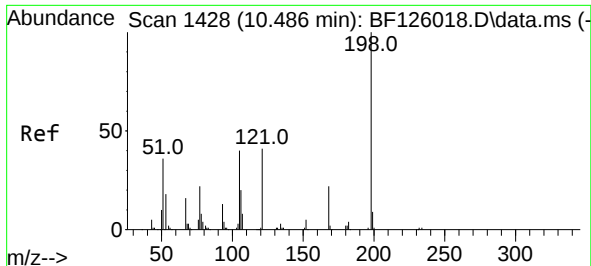
Tgt Ion:165 Resp: 37099
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

Tgt Ion:188 Resp: 531030
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 7.8 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.713 ng

RT: 10.663 min Scan# 14

Delta R.T. 0.177 min

Lab File: BF126135.D

Acq: 11 Nov 2021 20:22

Instrument :

BNA_F

ClientSampleId :

TT-9/4-5

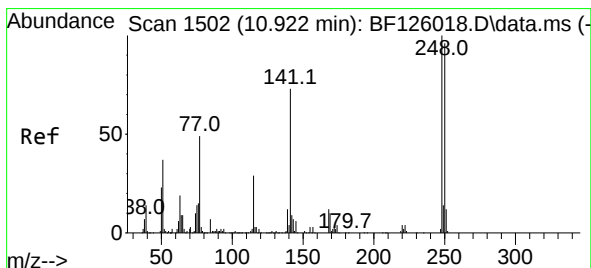
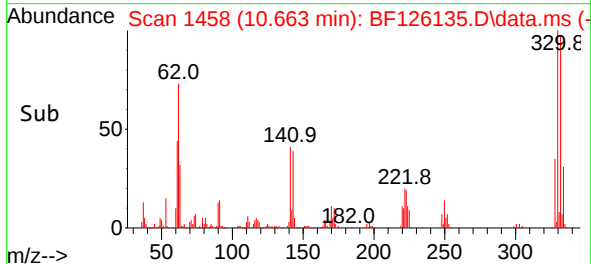
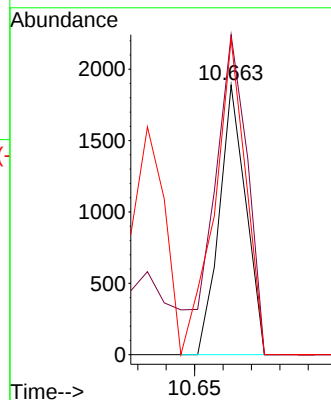
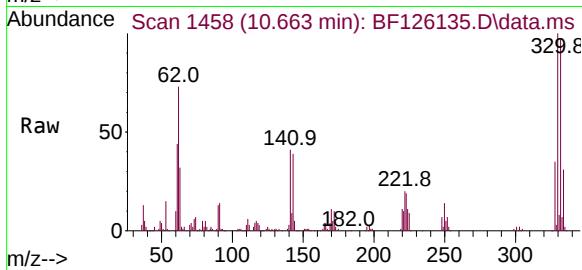
Tgt Ion:198 Resp: 1224

Ion Ratio Lower Upper

198 100

51 118.7 45.3 85.3#

105 117.0 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.547 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.259 min

Lab File: BF126135.D

Acq: 11 Nov 2021 20:22

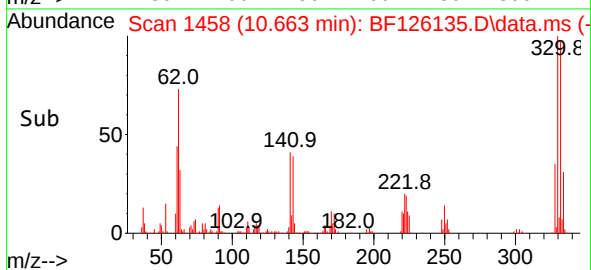
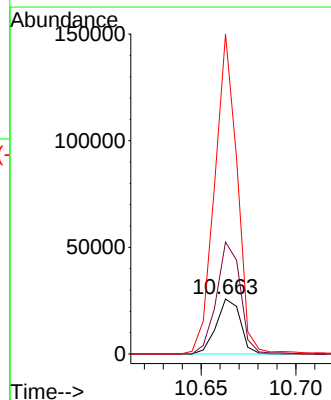
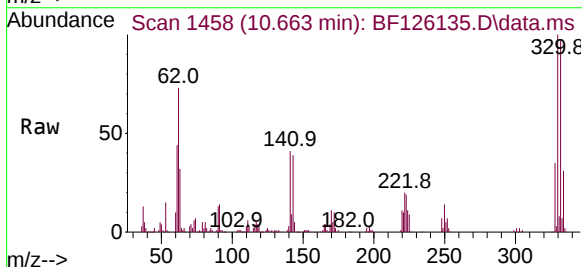
Tgt Ion:248 Resp: 22813

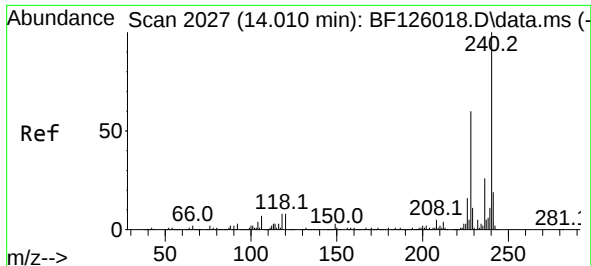
Ion Ratio Lower Upper

248 100

250 203.7 74.2 111.4#

141 582.2 60.4 90.6#

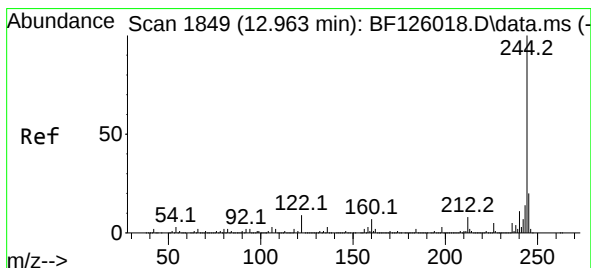
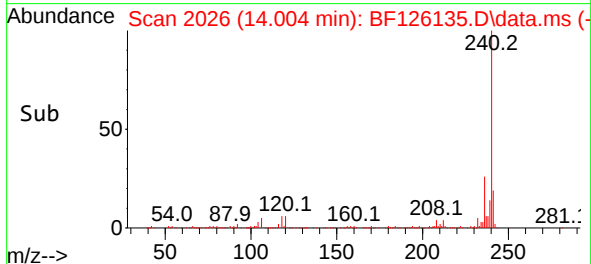
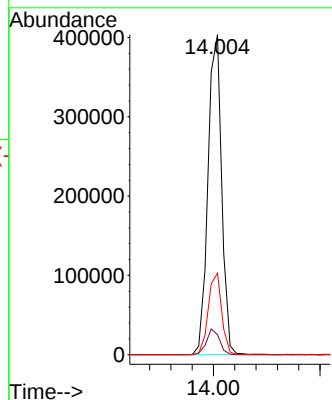
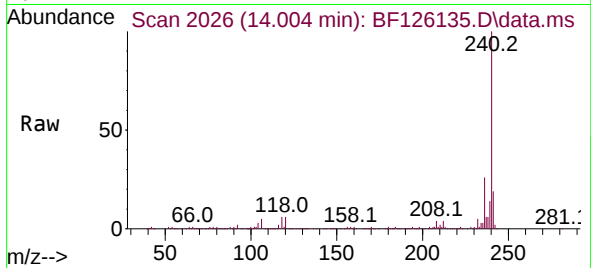




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

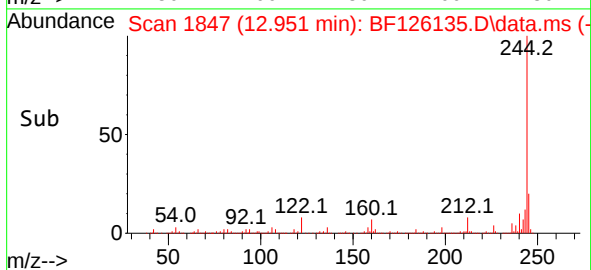
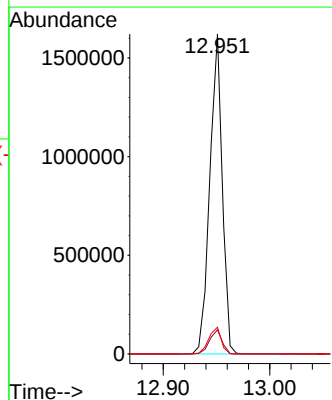
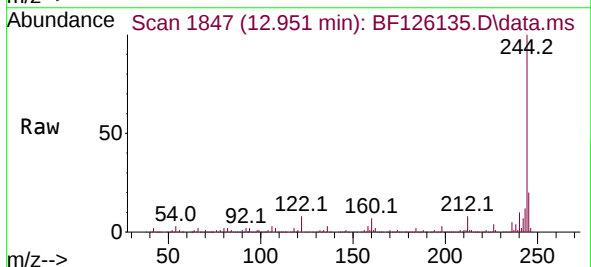
Instrument :
BNA_F
ClientSampleId :
TT-9/4-5

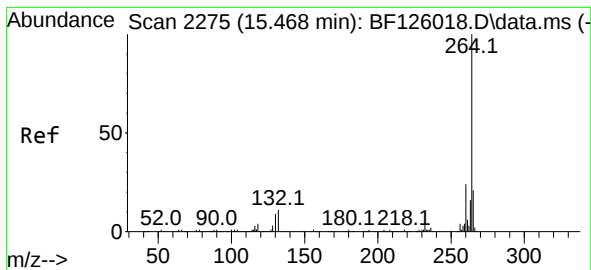
Tgt Ion:240 Resp: 360834
Ion Ratio Lower Upper
240 100
120 6.2 10.8 16.2#
236 25.5 21.6 32.4



#79
Terphenyl-d14
Concen: 59.021 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126135.D
Acq: 11 Nov 2021 20:22

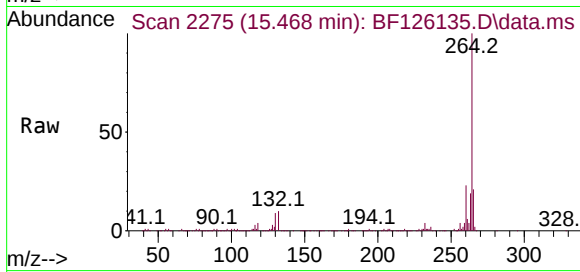
Tgt Ion:244 Resp: 1320691
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 8.4 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126135.D
 Acq: 11 Nov 2021 20:22

Instrument :
 BNA_F
 ClientSampleId :
 TT-9/4-5



Tgt Ion:264 Resp: 383123

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.3	17.2	25.8

