

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125454.D
 Acq On : 13 Sep 2021 20:48
 Operator : JU/CG
 Sample : M3684-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A019015

Quant Time: Sep 14 03:30:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

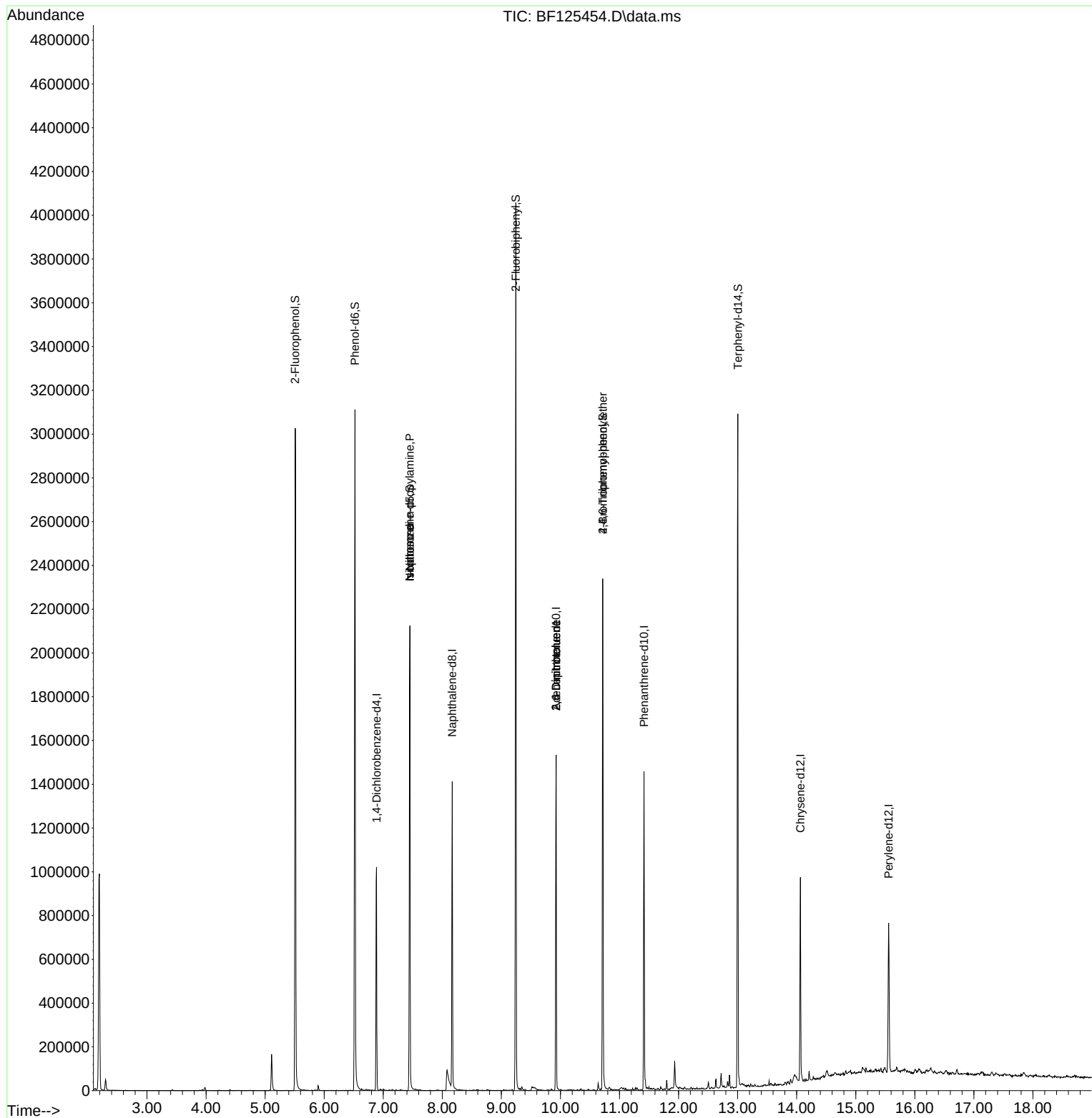
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	150882	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	585490	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	299824	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	500603	20.000	ng	0.00
76) Chrysene-d12	14.063	240	312526	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	312724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	818232	82.082	ng	0.00
7) Phenol-d6	6.522	99	1034881	80.271	ng	-0.01
23) Nitrobenzene-d5	7.451	82	680387	58.504	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293788	98.161	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1210894	56.288	ng	0.00
79) Terphenyl-d14	13.004	244	1047659	53.404	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	91225	11.764	ng	# 55
25) Isophorone	7.451	82	680377	30.326	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	38405	8.524	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	38405	7.043	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	18412	3.063	ng	# 1

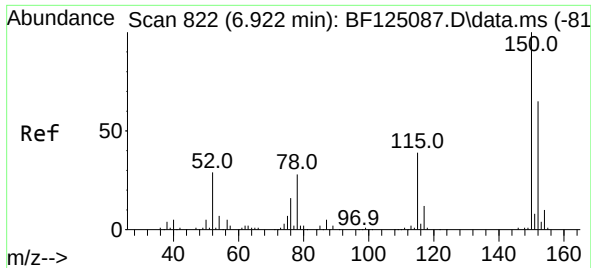
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125454.D
Acq On : 13 Sep 2021 20:48
Operator : JU/CG
Sample : M3684-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A019015

Quant Time: Sep 14 03:30:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

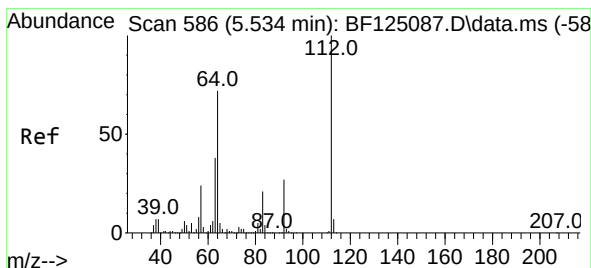
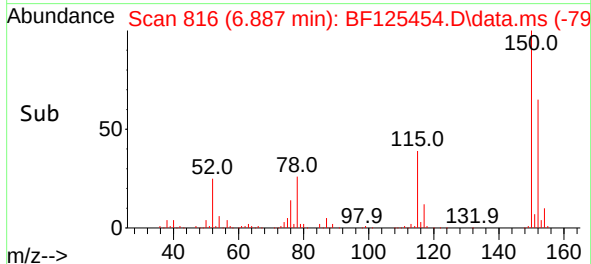
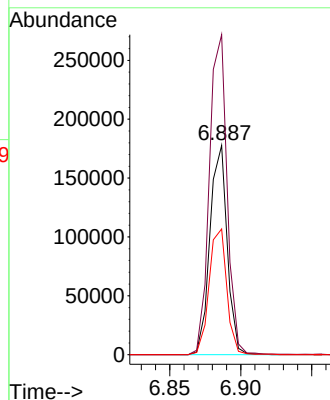
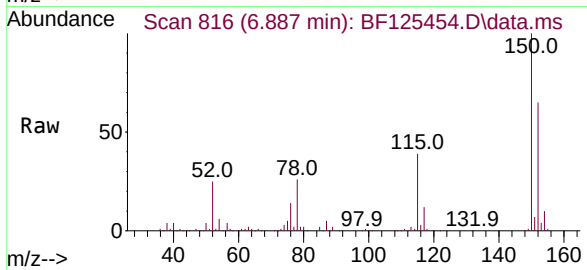




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

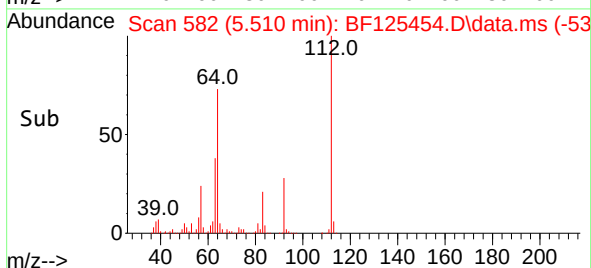
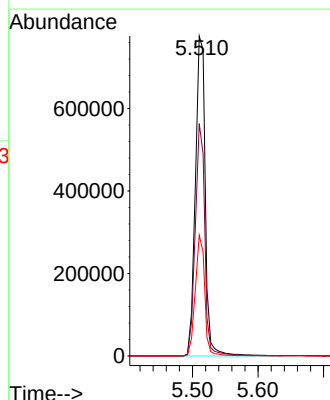
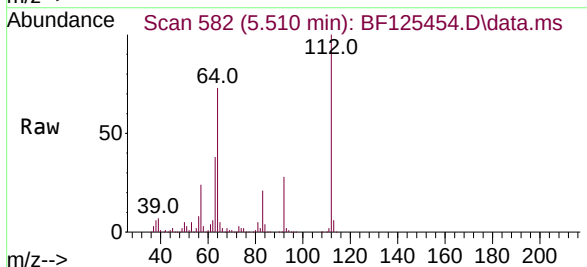
Instrument :
BNA_F
ClientSampleId :
A019015

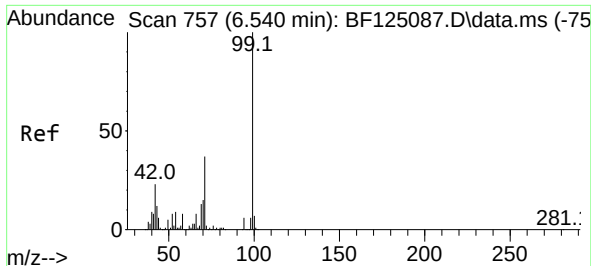
Tgt Ion:152 Resp: 150882
Ion Ratio Lower Upper
152 100
150 152.9 117.6 176.4
115 60.1 47.1 70.7



#5
2-Fluorophenol
Concen: 82.082 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion:112 Resp: 818232
Ion Ratio Lower Upper
112 100
64 72.6 44.2 66.2#
63 37.7 26.2 39.2

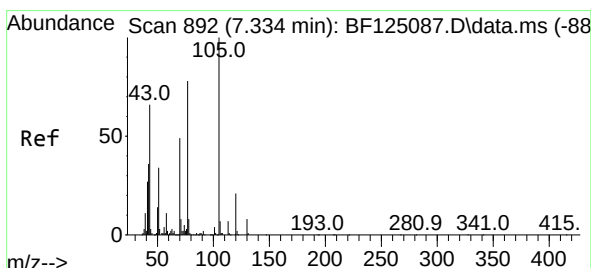
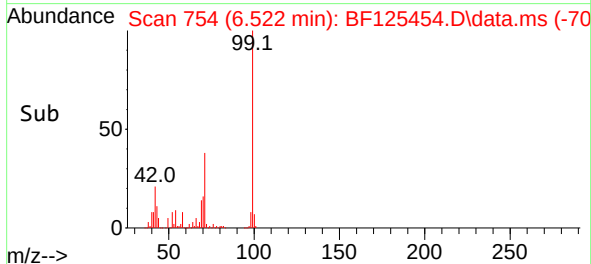
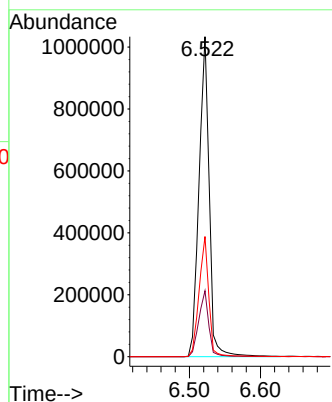
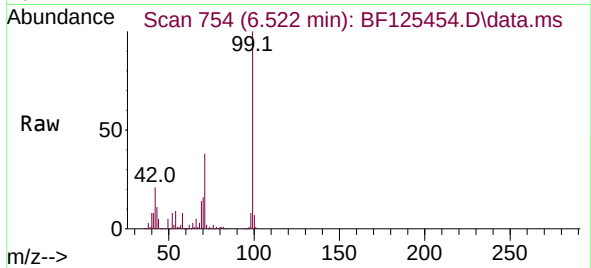




#7
Phenol-d6
Concen: 80.271 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

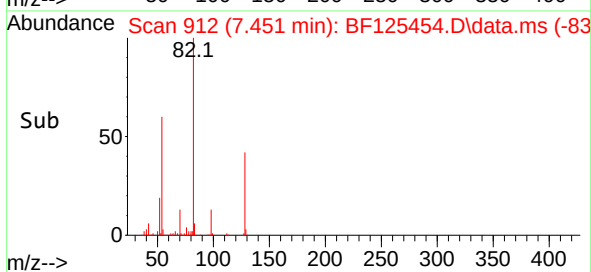
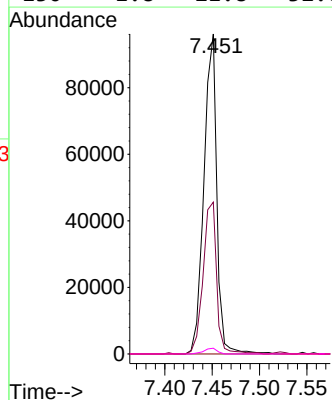
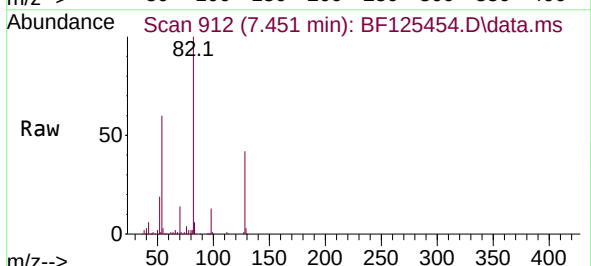
Instrument :
BNA_F
ClientSampleId :
A019015

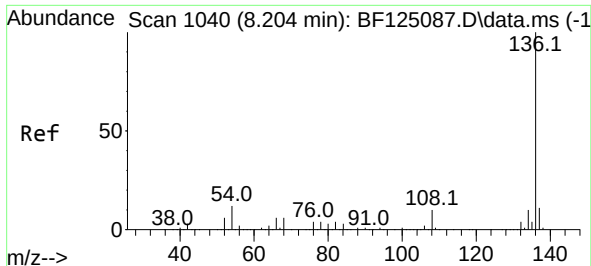
Tgt Ion: 99 Resp: 1034881
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 37.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.764 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion: 70 Resp: 91225
Ion Ratio Lower Upper
70 100
42 47.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

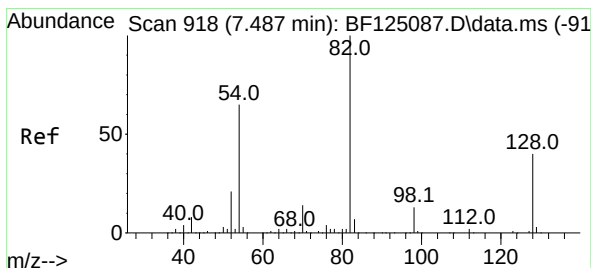
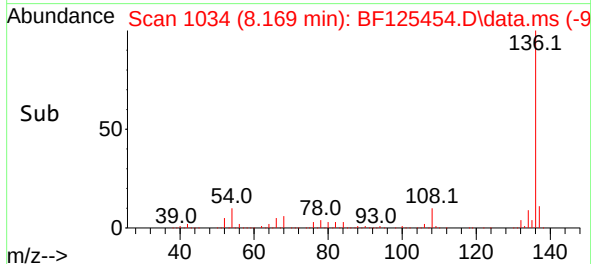
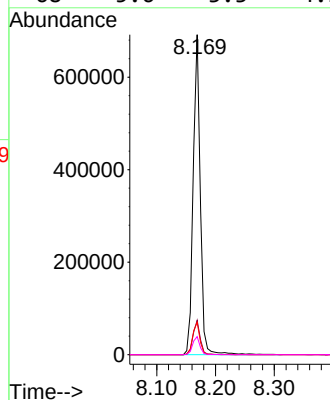
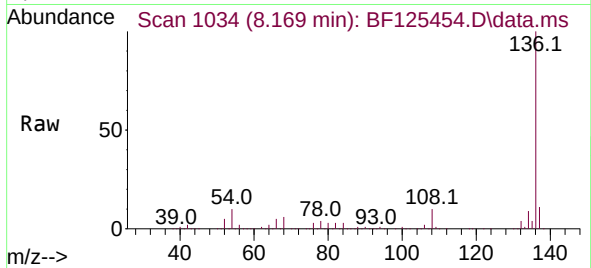




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

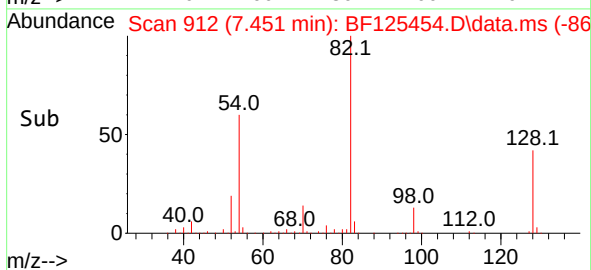
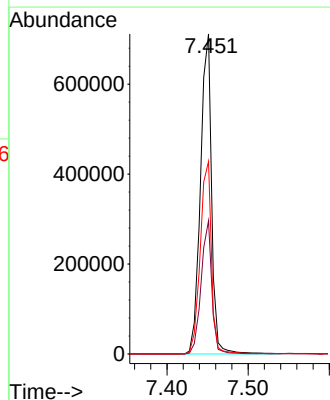
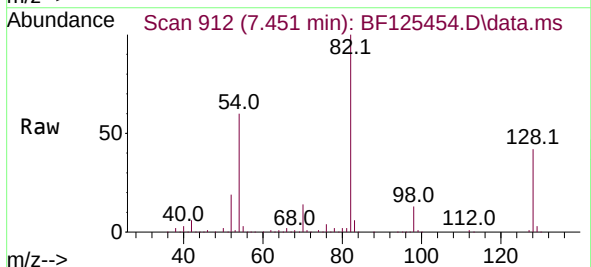
Instrument :
BNA_F
ClientSampleId :
A019015

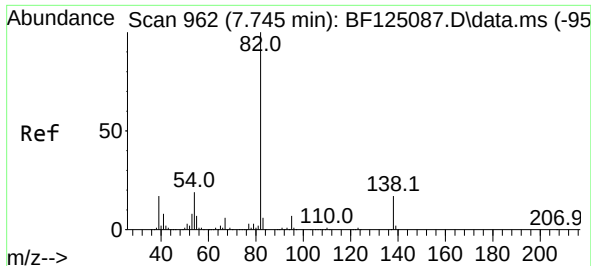
Tgt Ion:	136	Resp:	585490
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	10.1	6.4	9.6#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 58.504 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion:	82	Resp:	680387
Ion Ratio	Lower	Upper	
82	100		
128	41.6	40.6	60.8
54	60.2	49.6	74.4

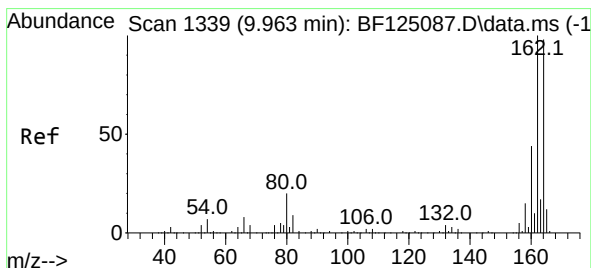
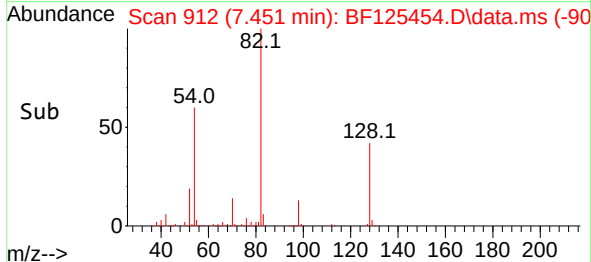
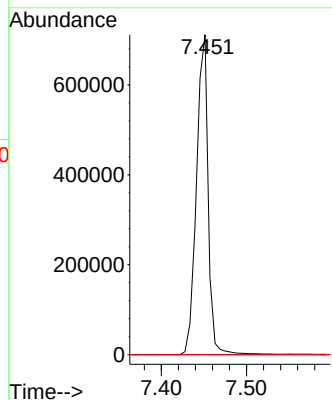
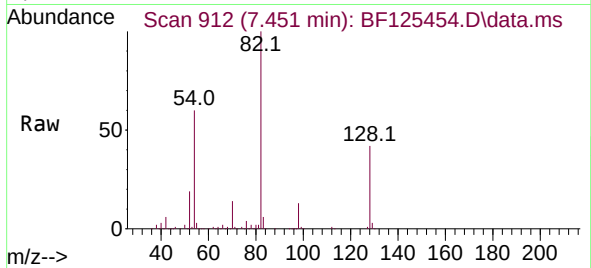




#25
Isophorone
Concen: 30.326 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

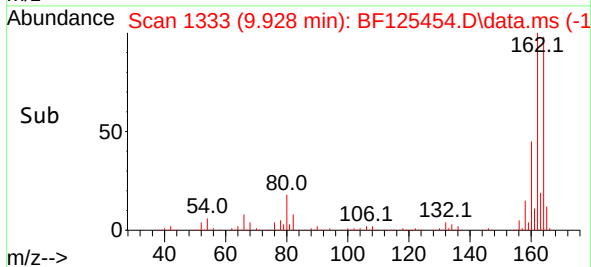
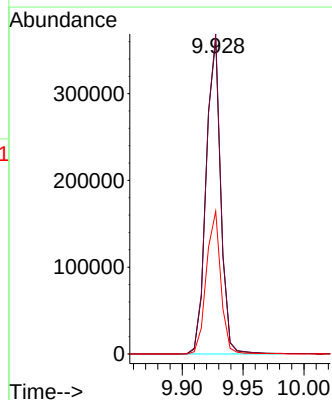
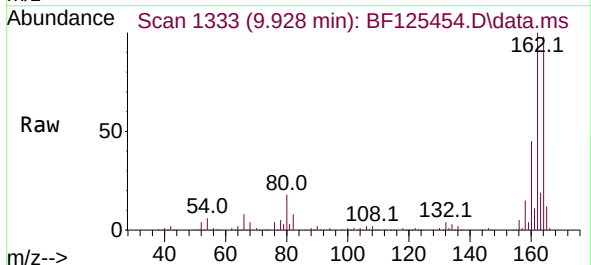
Instrument :
BNA_F
ClientSampleId :
A019015

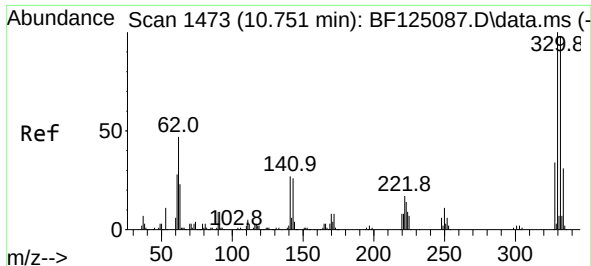
Tgt Ion: 82 Resp: 680377
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion: 164 Resp: 299824
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.4 38.0 57.0

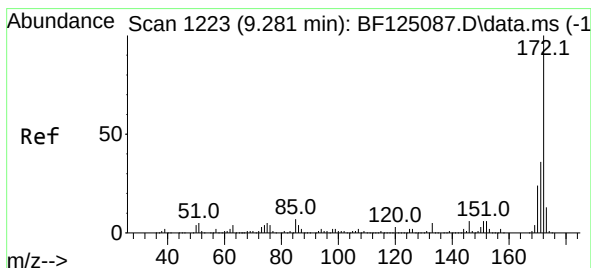
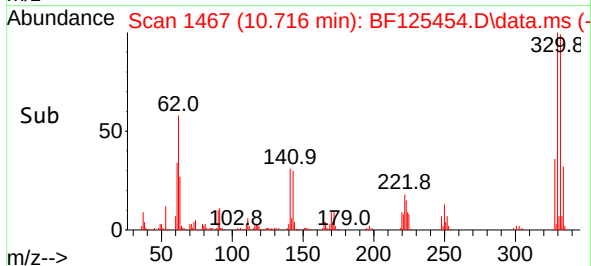
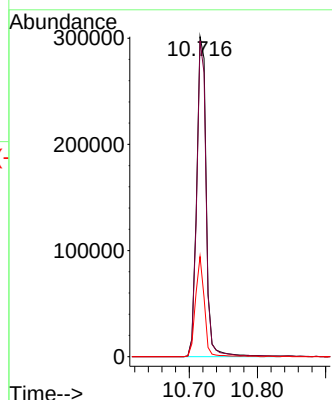
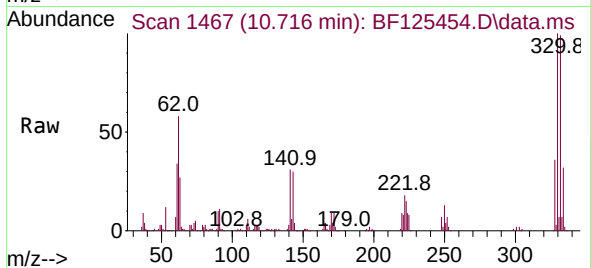




#42
2,4,6-Tribromophenol
Concen: 98.161 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

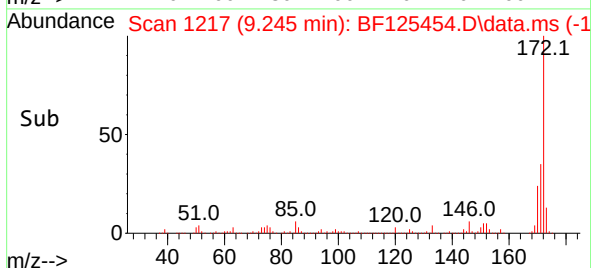
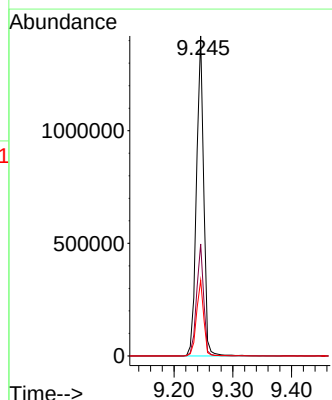
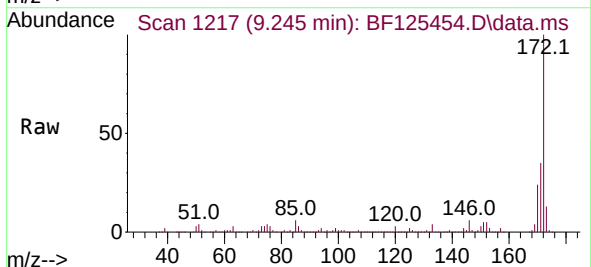
Instrument :
BNA_F
ClientSampleId :
A019015

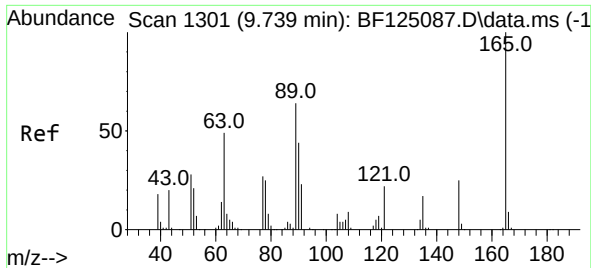
Tgt Ion: 330 Resp: 293788
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 56.288 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion: 172 Resp: 1210894
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.7 18.8 28.2

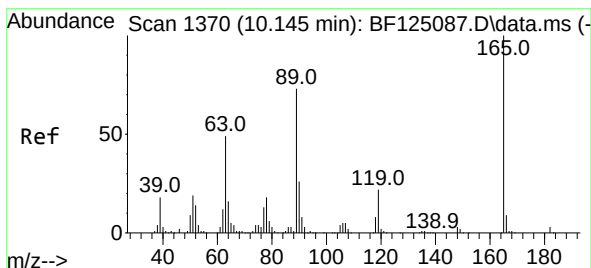
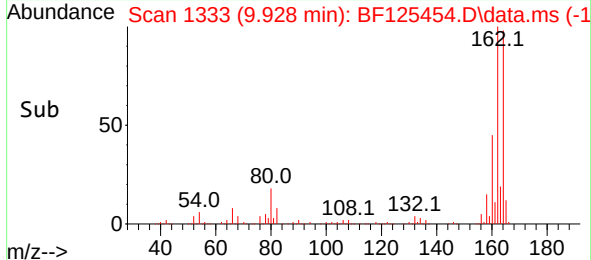
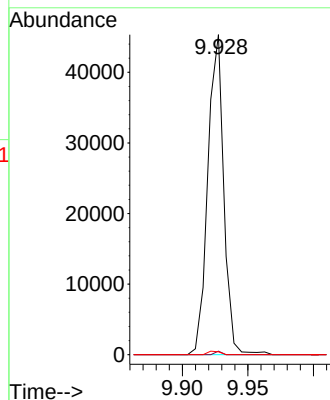
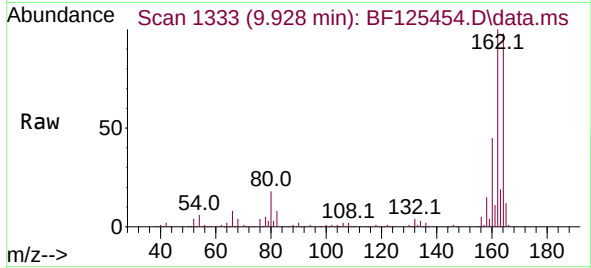




#51
2,6-Dinitrotoluene
Concen: 8.524 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

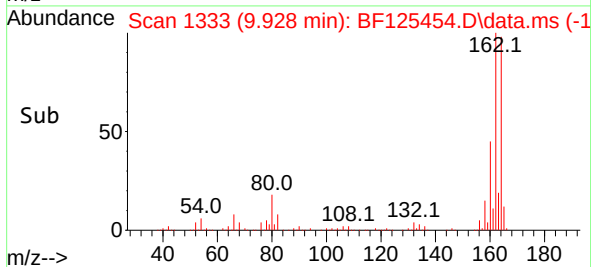
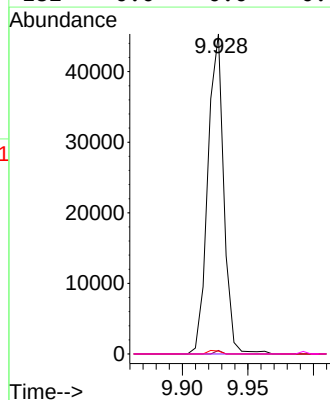
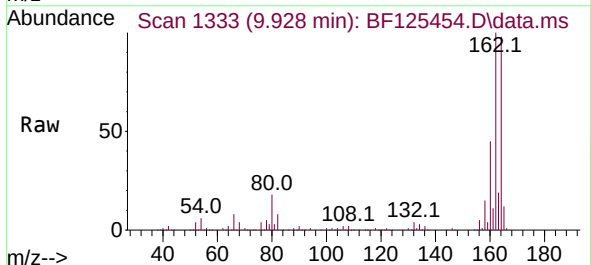
Instrument :
BNA_F
ClientSampleId :
A019015

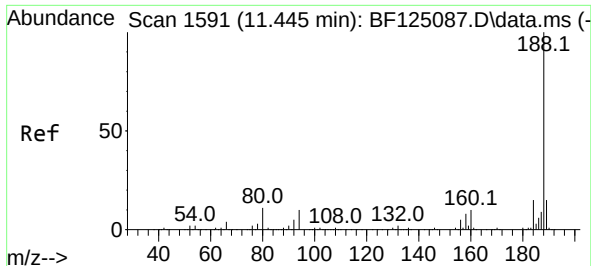
Tgt Ion:165 Resp: 38405
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion:165 Resp: 38405
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

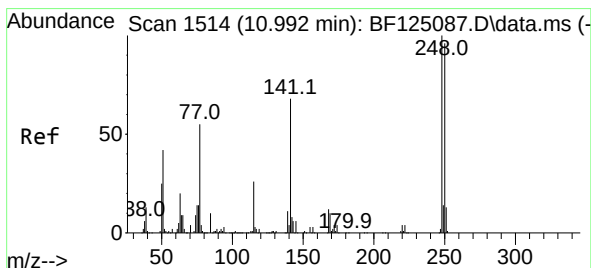
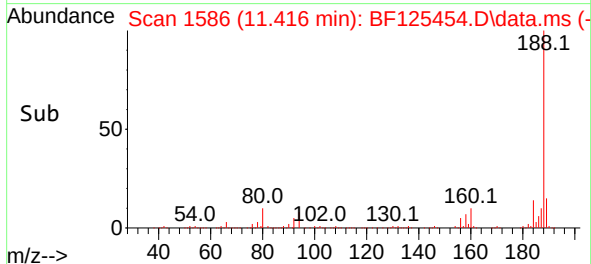
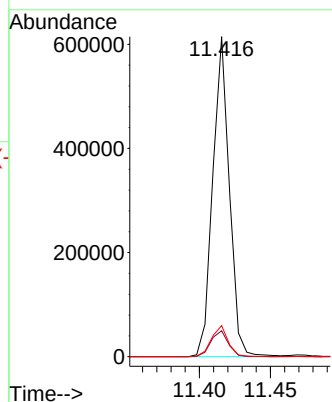
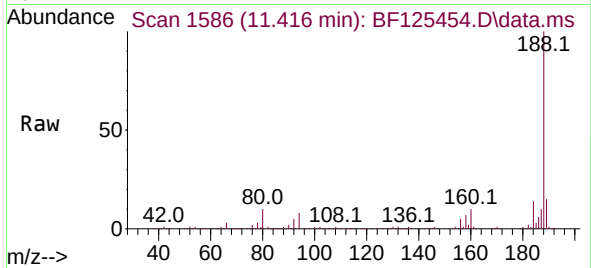




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

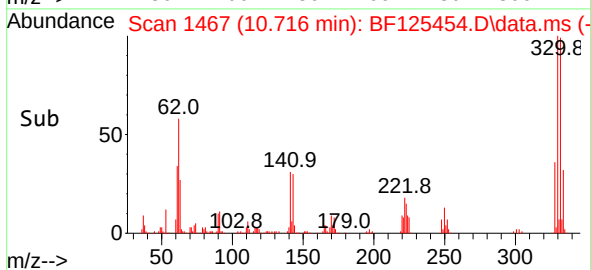
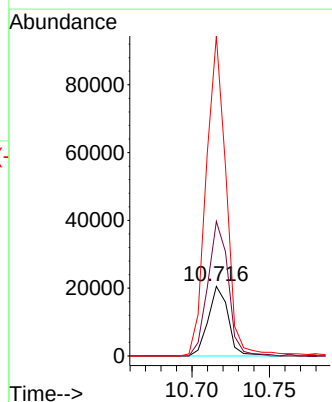
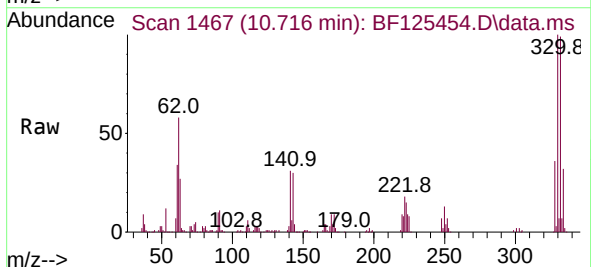
Instrument :
BNA_F
ClientSampleId :
A019015

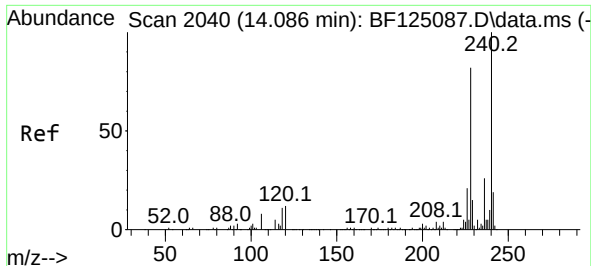
Tgt Ion:188 Resp: 500603
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.063 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion:248 Resp: 18412
Ion Ratio Lower Upper
248 100
250 193.1 74.2 111.4#
141 459.3 60.4 90.6#

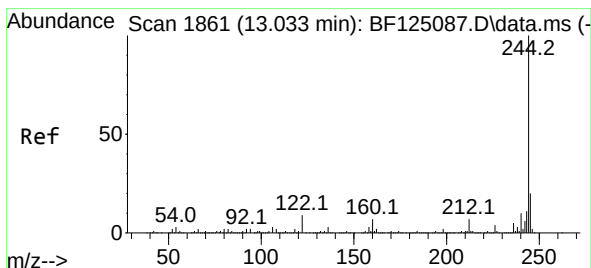
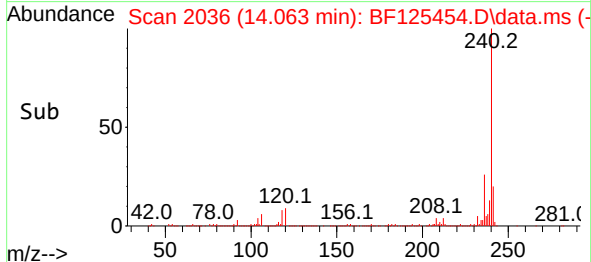
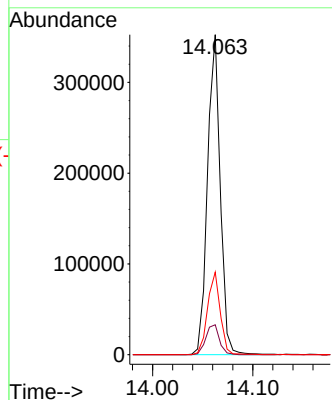
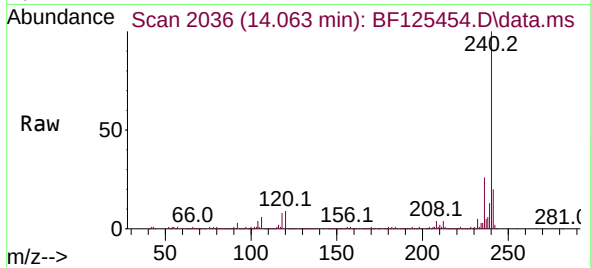




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

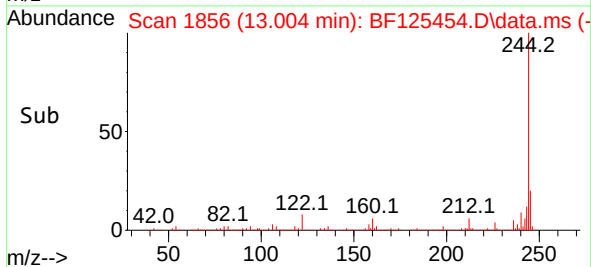
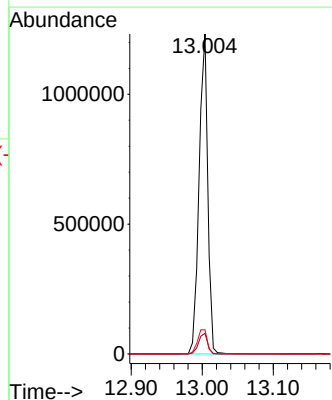
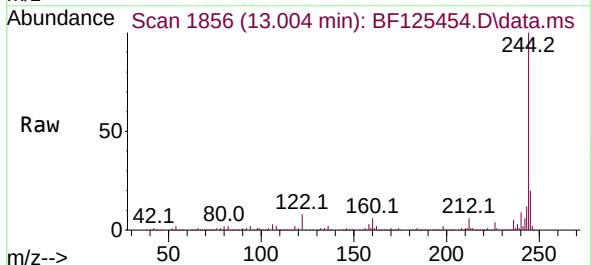
Instrument :
BNA_F
ClientSampleId :
A019015

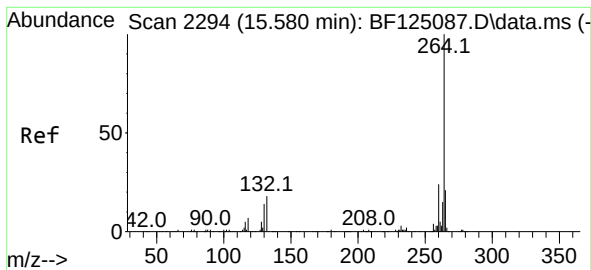
Tgt Ion:240 Resp: 312526
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 53.404 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125454.D
Acq: 13 Sep 2021 20:48

Tgt Ion:244 Resp: 1047659
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 7.6 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF125454.D
 Acq: 13 Sep 2021 20:48

Instrument :
 BNA_F
 ClientSampleId :
 A019015

Tgt Ion:264	Resp:	312724
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.6 29.4
265	21.6	17.2 25.8

