

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125229.D
 Acq On : 26 Aug 2021 17:18
 Operator : JU/CG
 Sample : M3547-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Aug 27 05:01:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

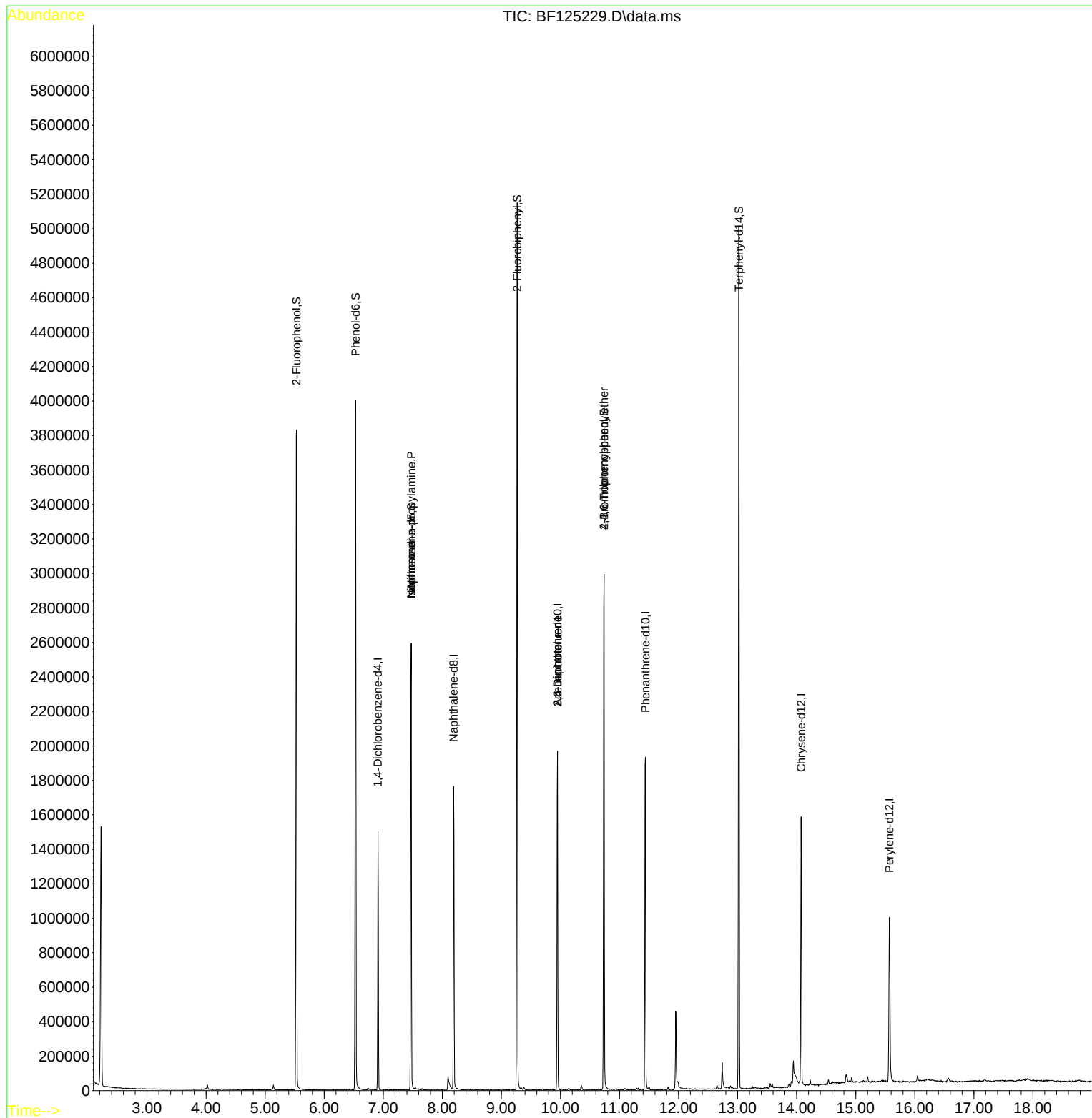
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	195819	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	778969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	412601	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	750596	20.000	ng	0.00
76) Chrysene-d12	14.074	240	532118	20.000	ng	0.00
86) Perylene-d12	15.568	264	452212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1052358	81.343	ng	0.00
7) Phenol-d6	6.534	99	1302283	77.832	ng	0.00
23) Nitrobenzene-d5	7.475	82	850529	54.969	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	397891	96.607	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1523642	51.467	ng	0.00
79) Terphenyl-d14	13.021	244	1727054	51.706	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	114704	11.397	ng	# 54
25) Isophorone	7.475	82	850516	28.494	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	53191	8.579	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	53191	7.089	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	24648	2.735	ng	# 1

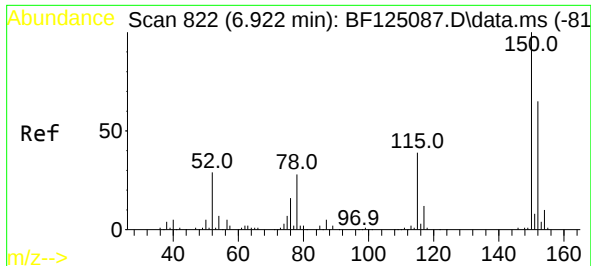
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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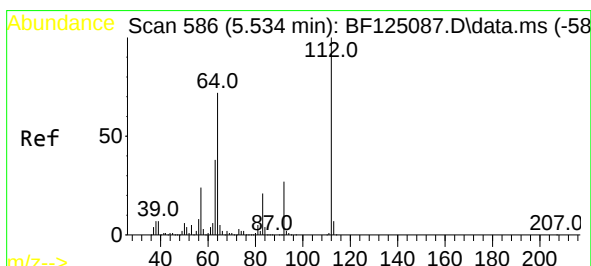
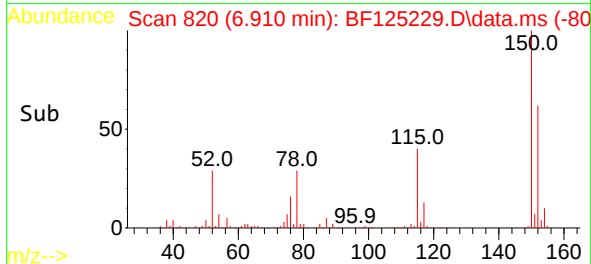
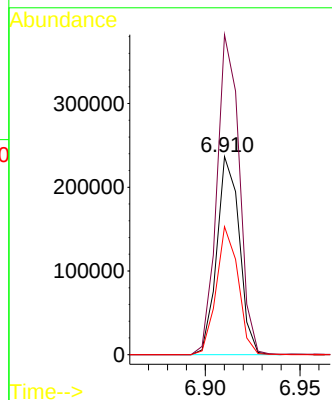
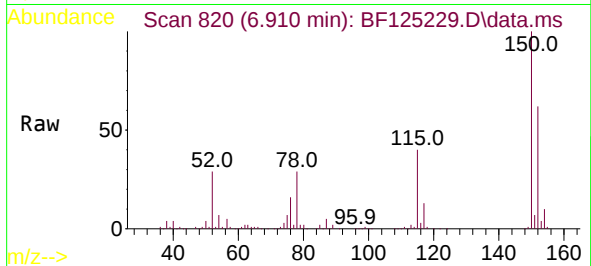




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

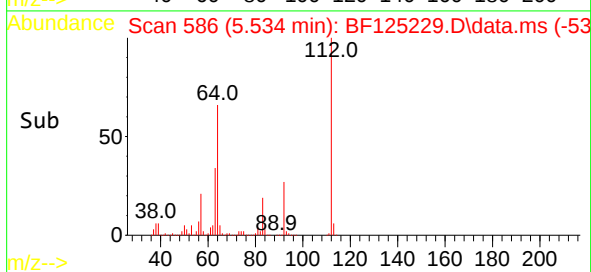
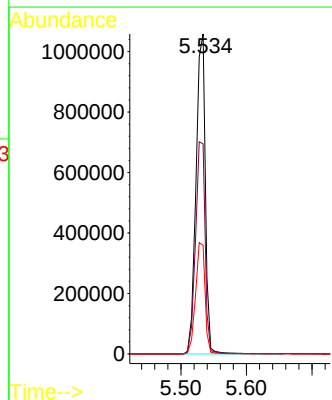
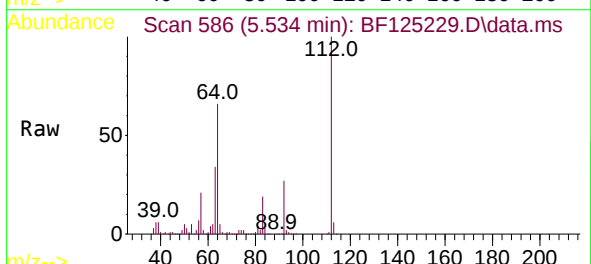
Instrument :
BNA_F
ClientSampleId :
PE-2

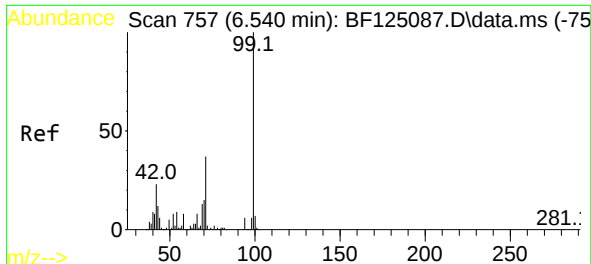
Tgt Ion:152 Resp: 195819
Ion Ratio Lower Upper
152 100
150 161.6 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 81.343 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion:112 Resp: 1052358
Ion Ratio Lower Upper
112 100
64 65.7 44.2 66.2
63 33.9 26.2 39.2

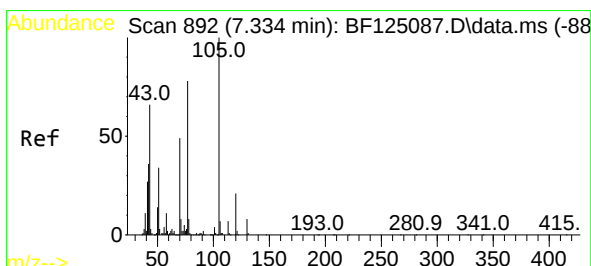
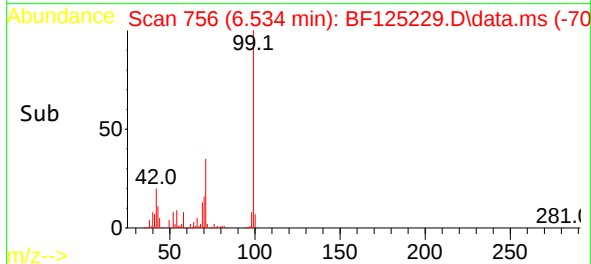
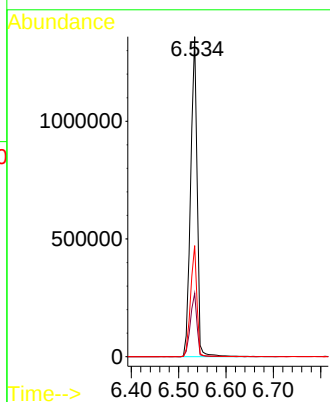
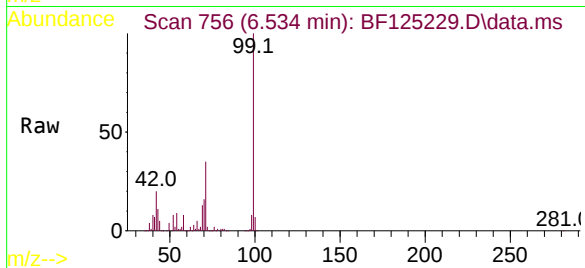




#7
Phenol-d6
Concen: 77.832 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

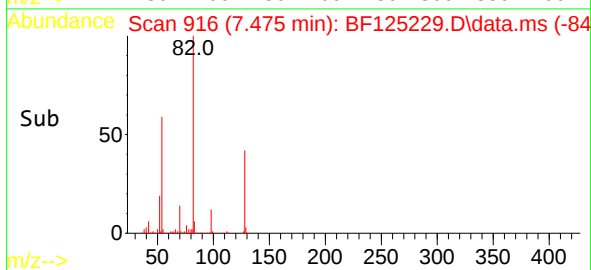
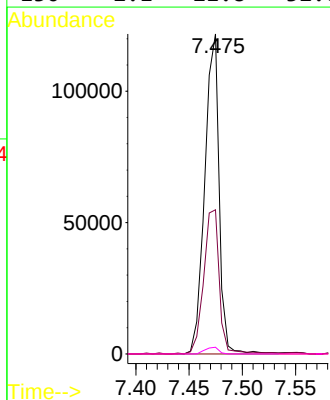
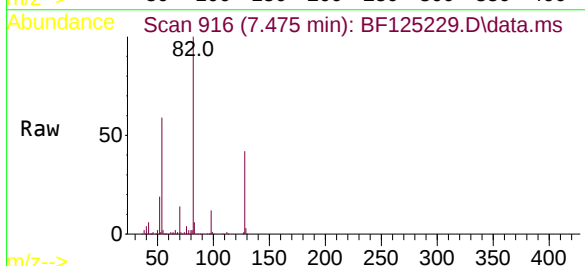
Instrument :
BNA_F
ClientSampleId :
PE-2

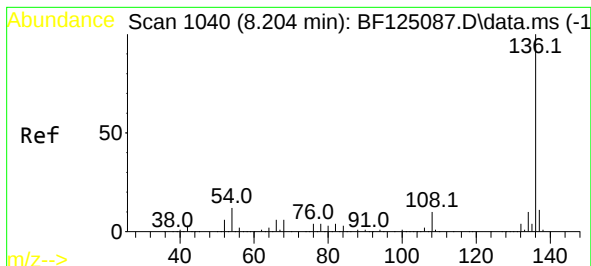
Tgt Ion: 99 Resp: 1302283
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 34.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.397 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion: 70 Resp: 114704
Ion Ratio Lower Upper
70 100
42 45.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



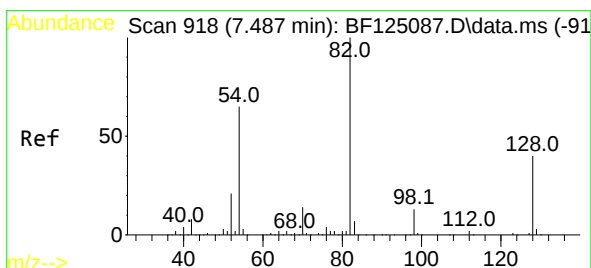
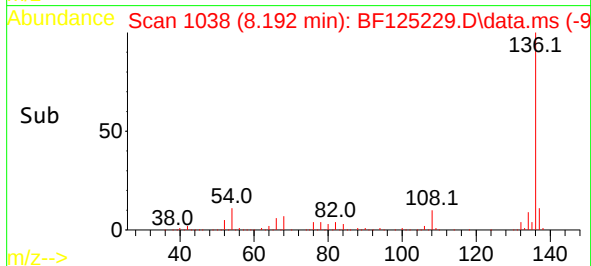
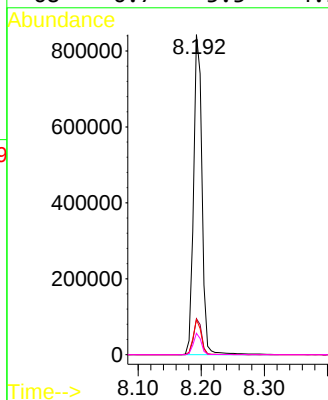
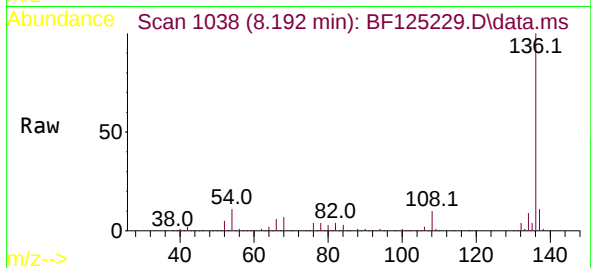


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Instrument :
BNA_F
ClientSampled :
PE-2

Tgt Ion:136 Resp: 778969

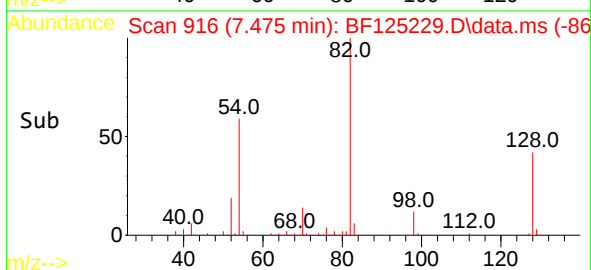
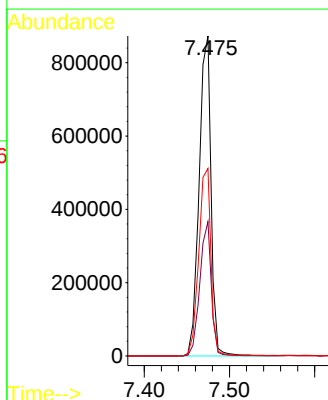
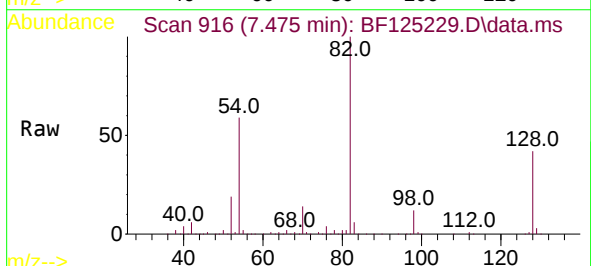
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	11.0	6.4	9.6#
68	6.7	3.3	4.9#

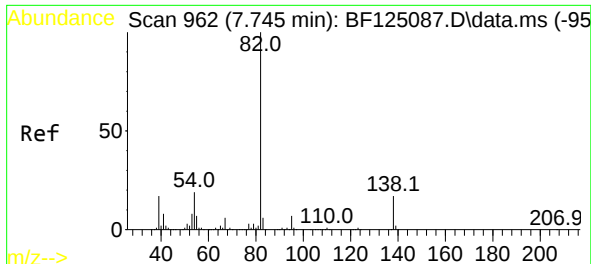


#23
Nitrobenzene-d5
Concen: 54.969 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion: 82 Resp: 850529

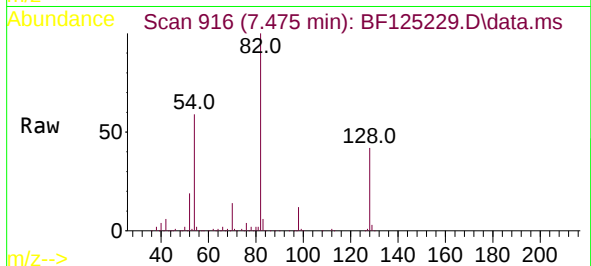
Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	60.8
54	58.6	49.6	74.4



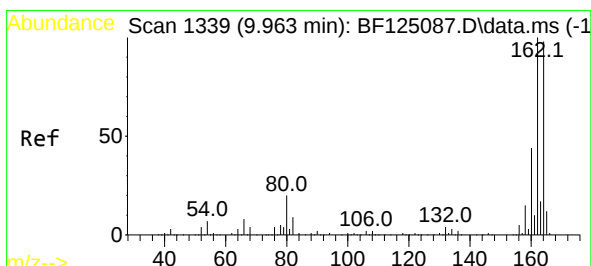
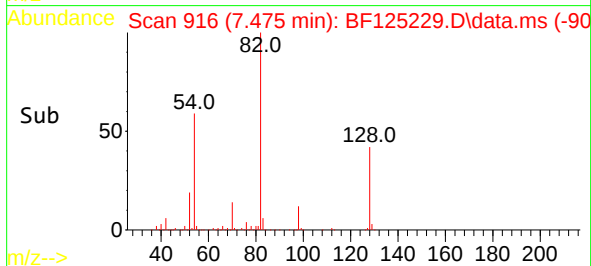
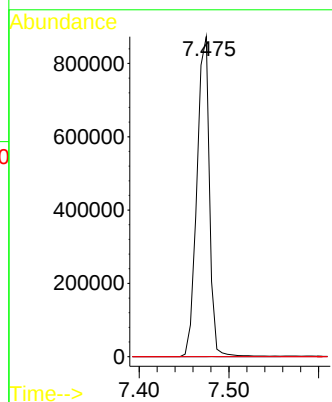


#25
Isophorone
Concen: 28.494 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Instrument :
BNA_F
ClientSampleId :
PE-2

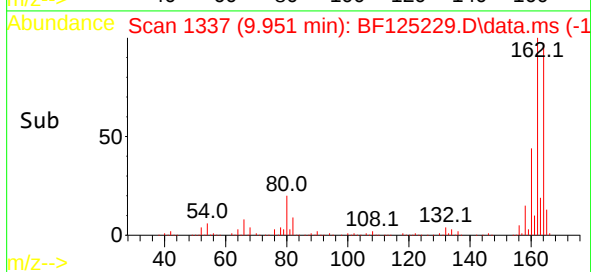
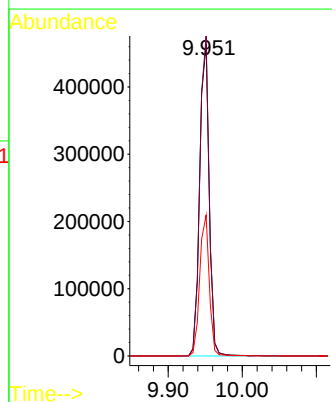
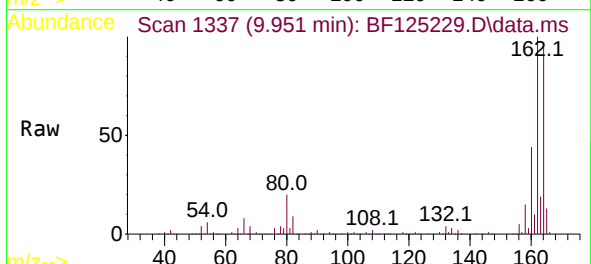


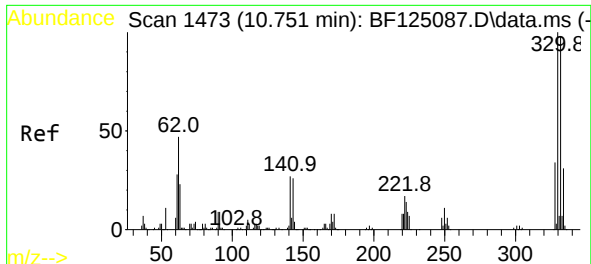
Tgt Ion: 82 Resp: 850516
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion: 164 Resp: 412601
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.2 38.0 57.0

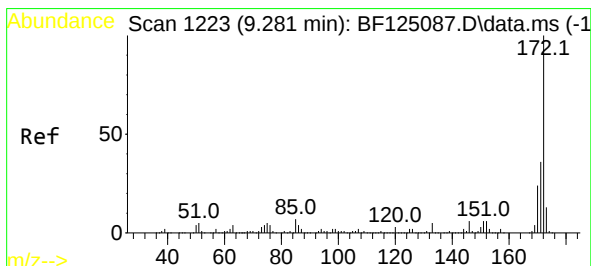
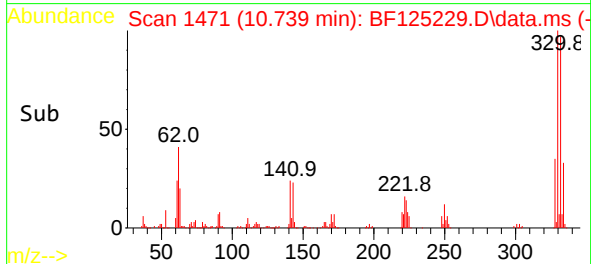
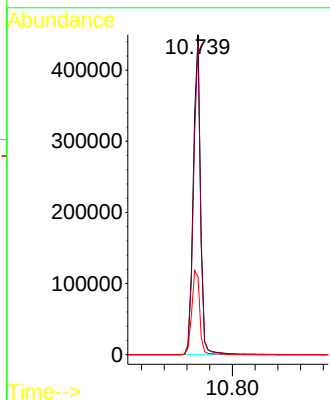
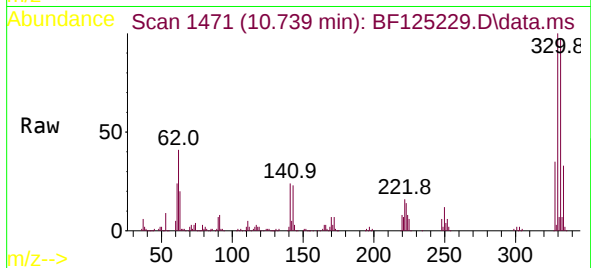




#42
2,4,6-Tribromophenol
Concen: 96.607 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

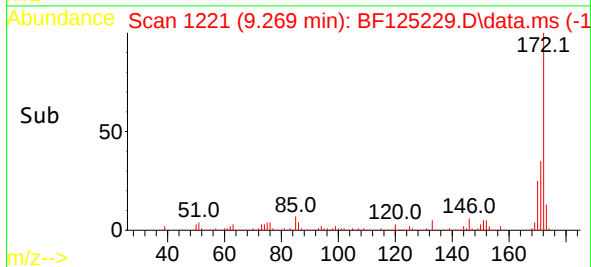
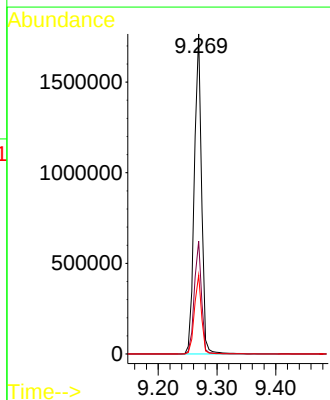
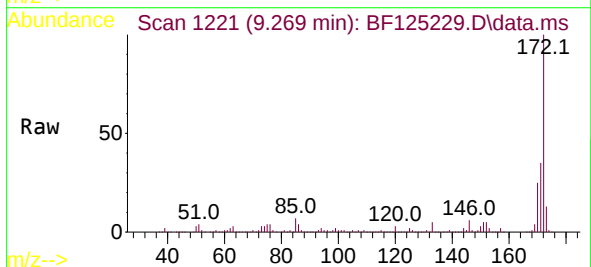
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BNA_F
ClientSampled :
PE-2

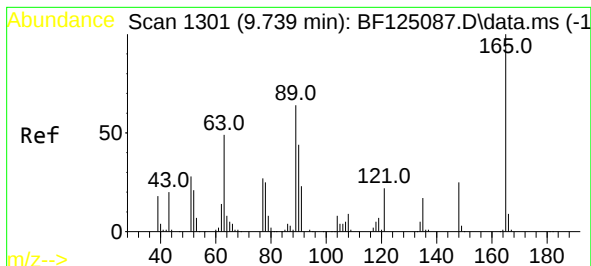
Tgt Ion: 330 Resp: 397891
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.467 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion: 172 Resp: 1523642
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.6 18.8 28.2

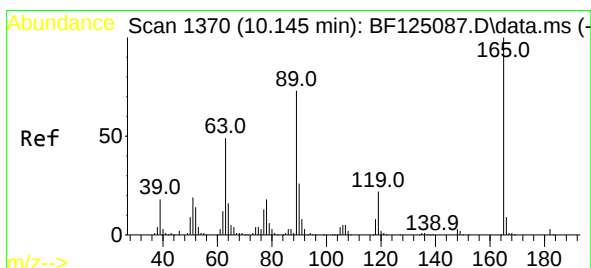
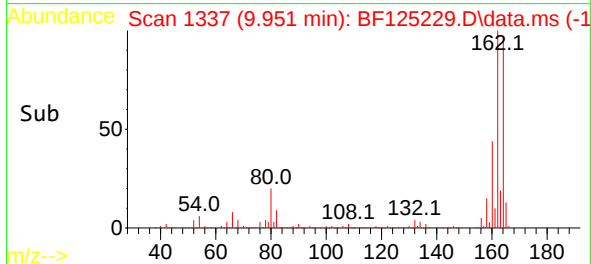
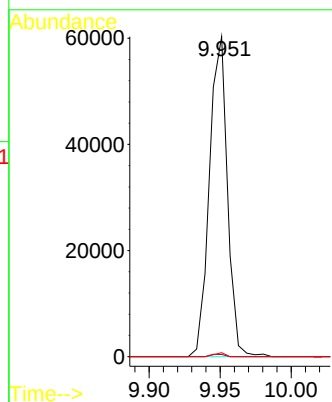
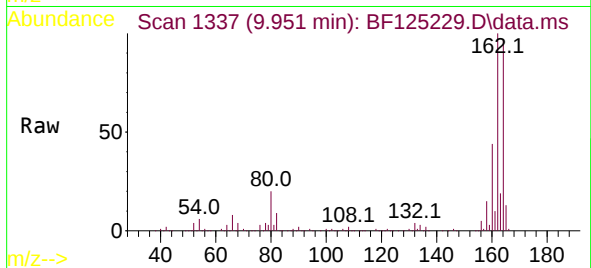




#51
2,6-Dinitrotoluene
Concen: 8.579 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

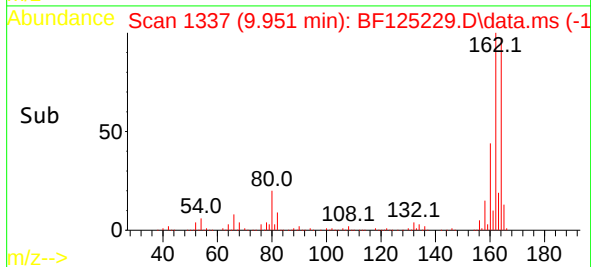
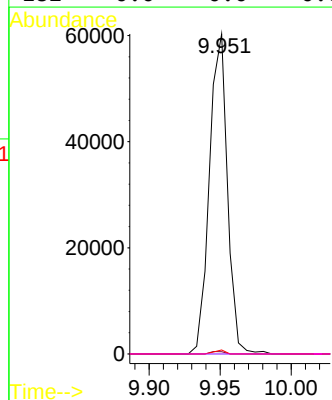
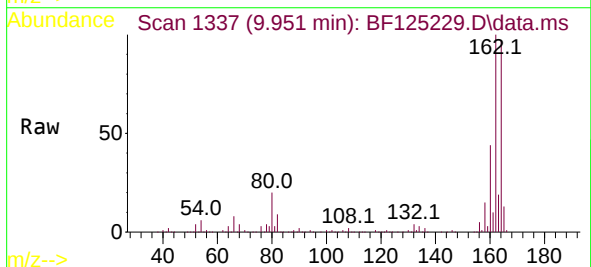
Instrument :
BNA_F
ClientSampled :
PE-2

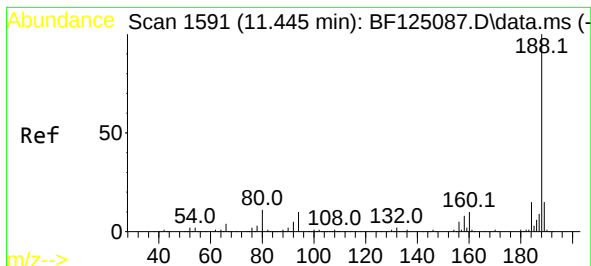
Tgt Ion:165 Resp: 53191
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.089 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion:165 Resp: 53191
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF125229.D

Acq: 26 Aug 2021 17:18

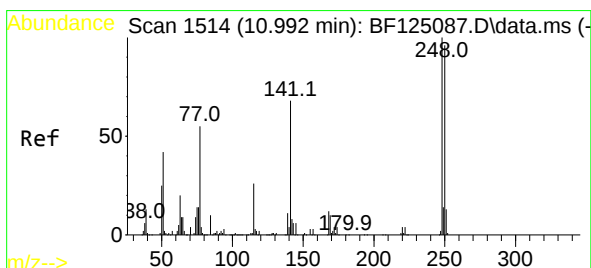
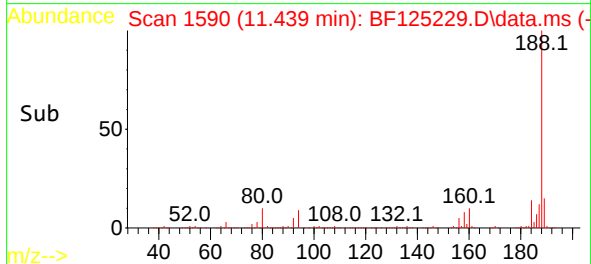
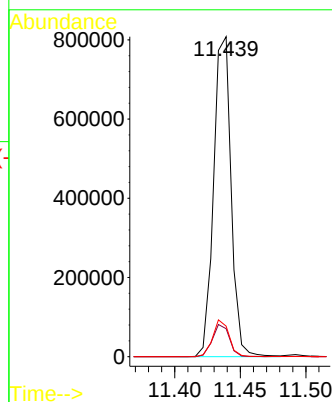
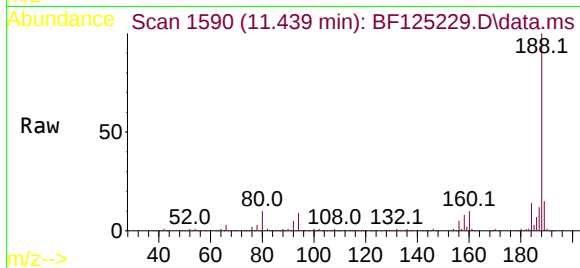
Tgt Ion:188 Resp: 750596

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 9.5 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.735 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.241 min

Lab File: BF125229.D

Acq: 26 Aug 2021 17:18

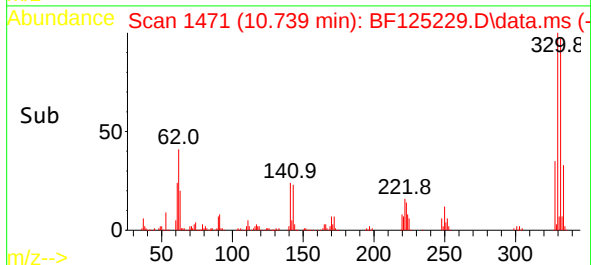
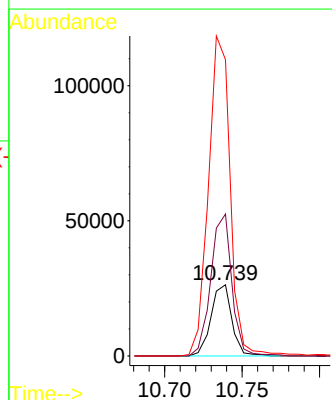
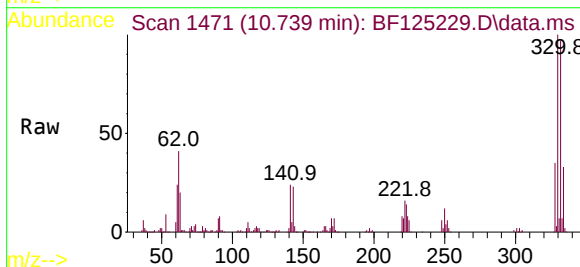
Tgt Ion:248 Resp: 24648

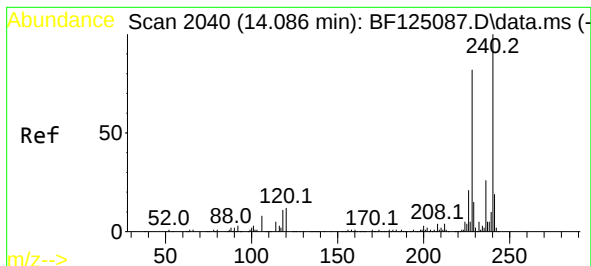
Ion Ratio Lower Upper

248 100

250 199.3 74.2 111.4#

141 416.3 60.4 90.6#

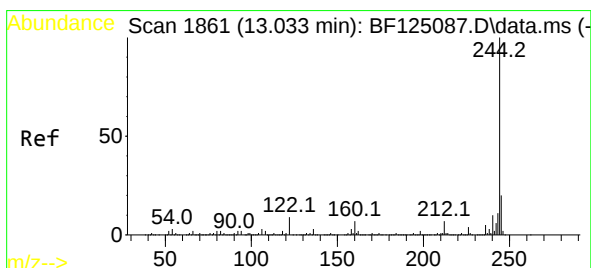
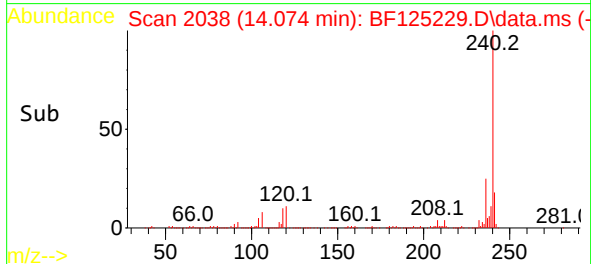
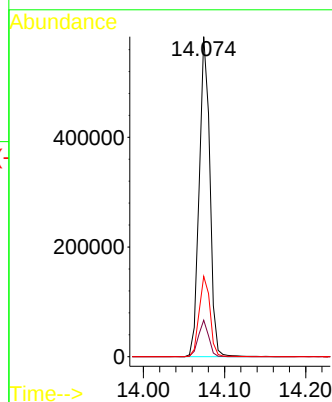
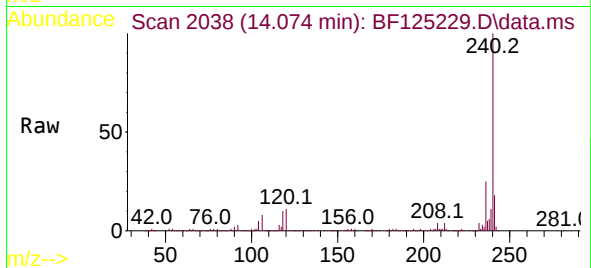




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

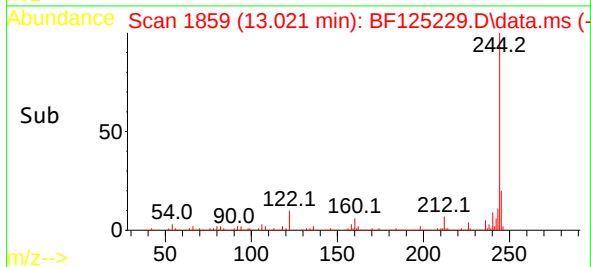
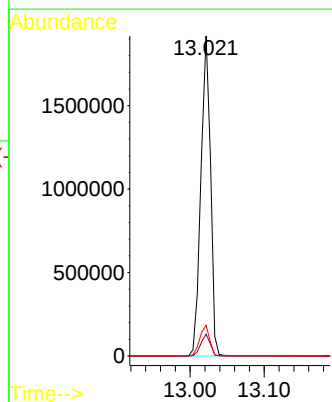
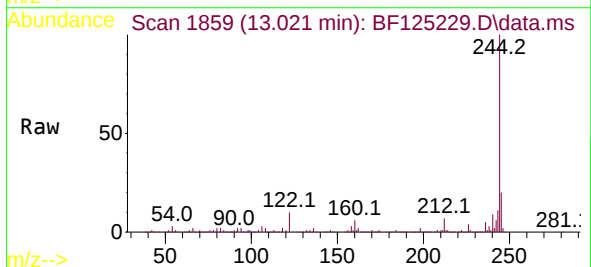
Instrument :
BNA_F
ClientSampleId :
PE-2

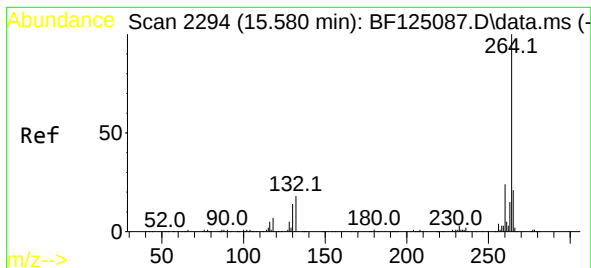
Tgt Ion:240 Resp: 532118
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 51.706 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125229.D
Acq: 26 Aug 2021 17:18

Tgt Ion:244 Resp: 1727054
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.006 min
 Lab File: BF125229.D
 Acq: 26 Aug 2021 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:264 Resp: 452212
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 21.1 17.2 25.8

