

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125227.D
 Acq On : 26 Aug 2021 16:03
 Operator : JU/CG
 Sample : PB138720BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138720BL

Quant Time: Aug 26 16:35:07 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)

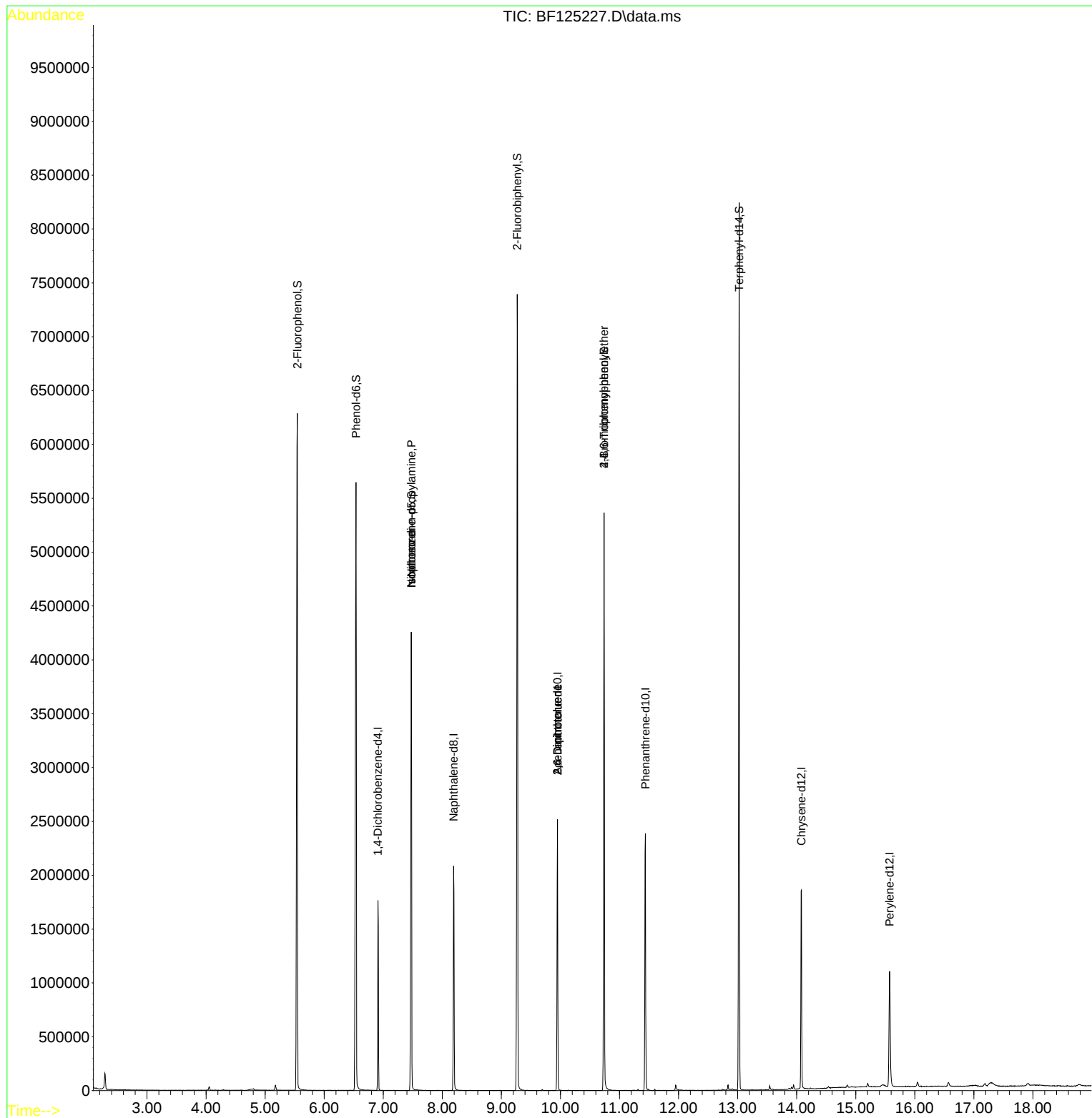
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	246441	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	991603	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	520039	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	940831	20.000	ng	0.00
76) Chrysene-d12	14.080	240	678180	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	566313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1869295	114.809	ng	0.02
7) Phenol-d6	6.539	99	2357166	111.939	ng	0.00
23) Nitrobenzene-d5	7.475	82	1541864	78.281	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	716864	138.094	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2662891	71.367	ng	0.00
79) Terphenyl-d14	13.027	244	3169492	74.453	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	210455	16.616	ng	# 56
25) Isophorone	7.475	82	1541836	40.578	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	65535	8.386	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	65535	6.929	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	42797	3.788	ng	# 1

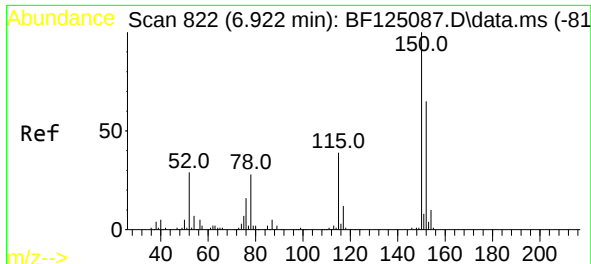
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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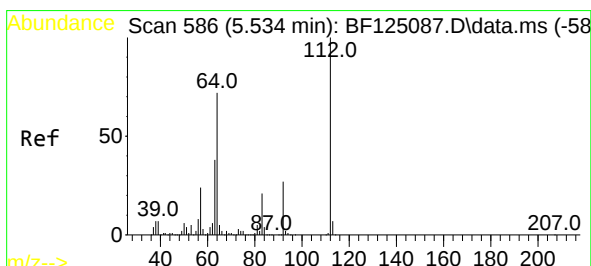
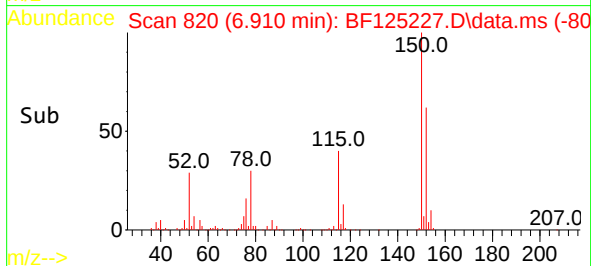
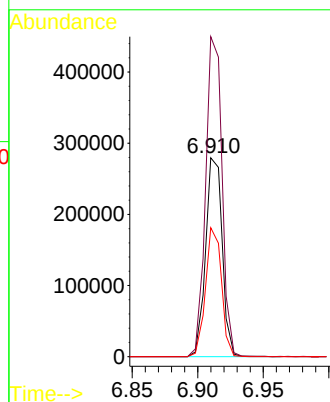
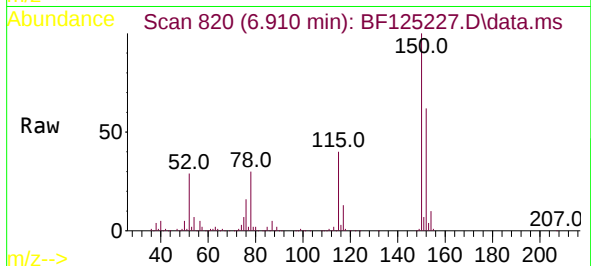




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

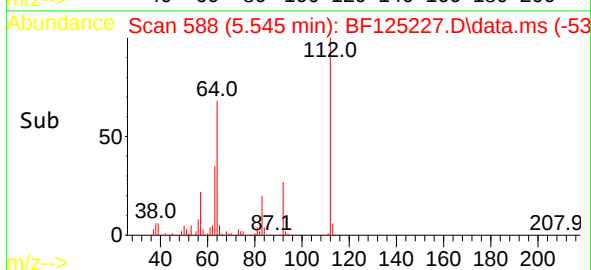
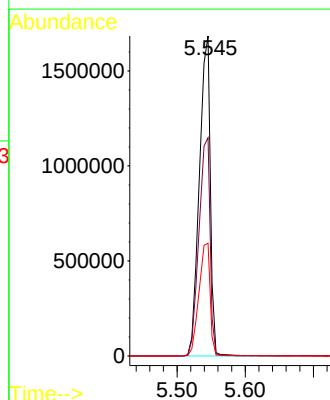
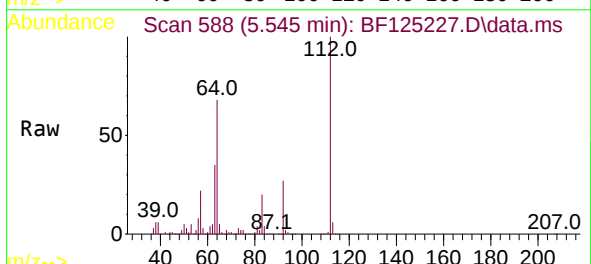
Instrument :
BNA_F
ClientSampleId :
PB138720BL

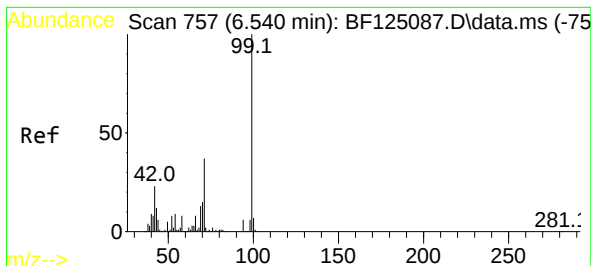
Tgt Ion:152 Resp: 246441
Ion Ratio Lower Upper
152 100
150 160.8 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 114.809 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:112 Resp: 1869295
Ion Ratio Lower Upper
112 100
64 68.2 44.2 66.2#
63 35.3 26.2 39.2





#7

Phenol-d6

Concen: 111.939 ng

RT: 6.539 min Scan# 757

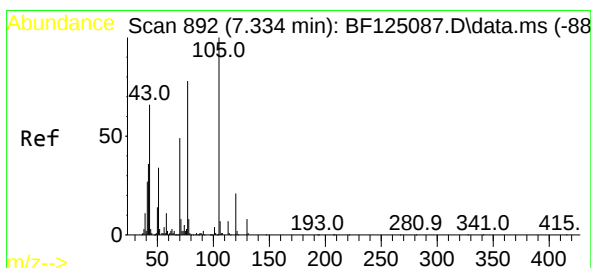
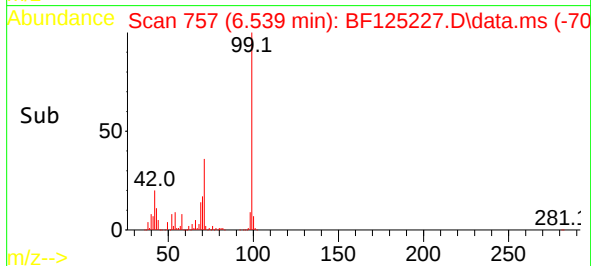
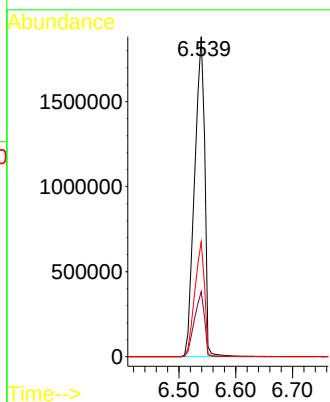
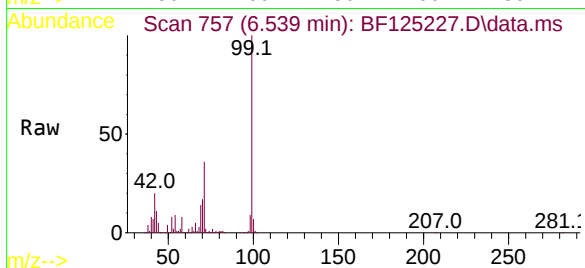
Delta R.T. -0.000 min

Lab File: BF125227.D

Acq: 26 Aug 2021 16:03

Tgt Ion: 99 Resp: 2357166

Ion	Ratio	Lower	Upper
99	100		
42	20.4	23.5	35.3#
71	35.9	25.6	38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.616 ng

RT: 7.475 min Scan# 916

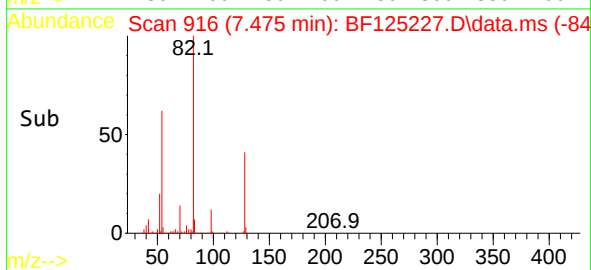
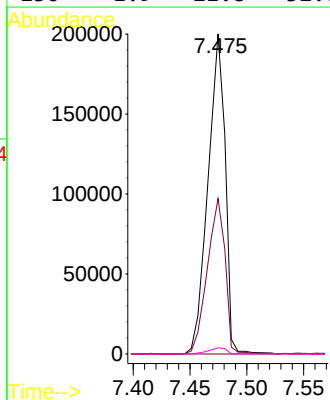
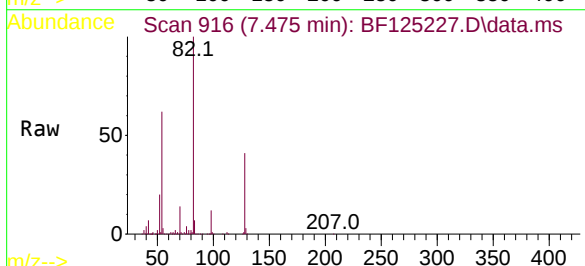
Delta R.T. 0.147 min

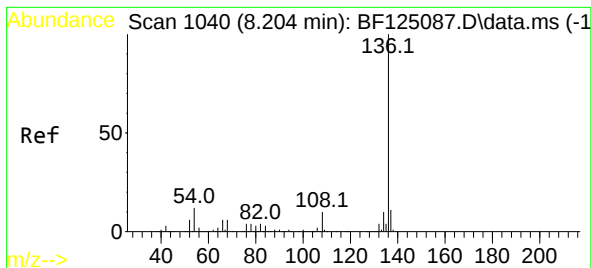
Lab File: BF125227.D

Acq: 26 Aug 2021 16:03

Tgt Ion: 70 Resp: 210455

Ion	Ratio	Lower	Upper
70	100		
42	48.5	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



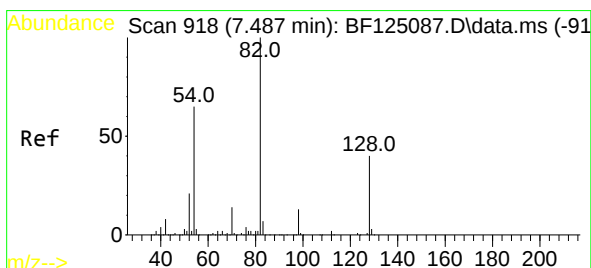
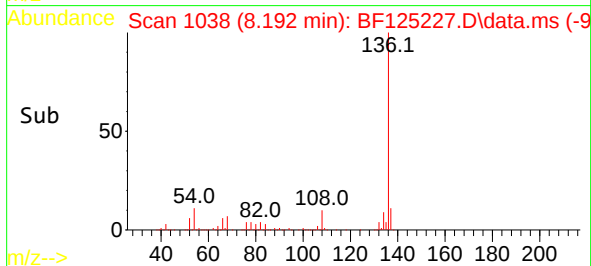
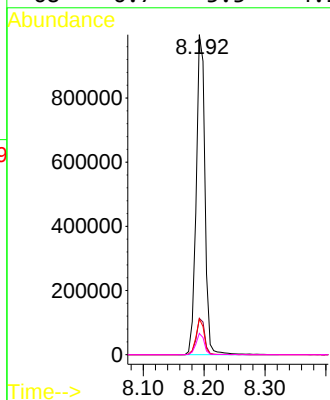
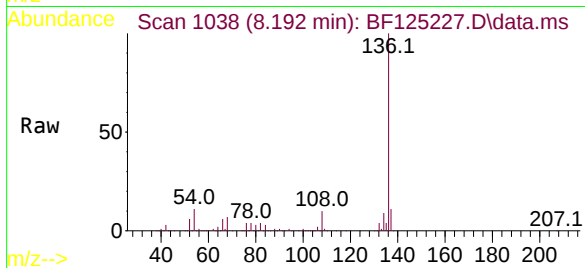


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Instrument :
BNA_F
ClientSampleId :
PB138720BL

Tgt Ion:136 Resp: 991603

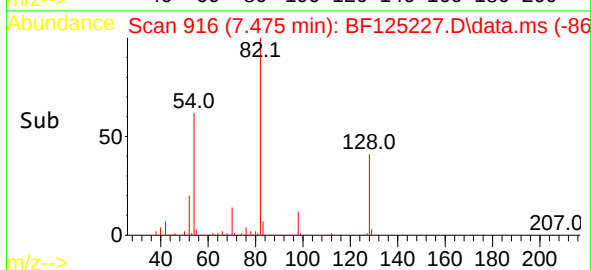
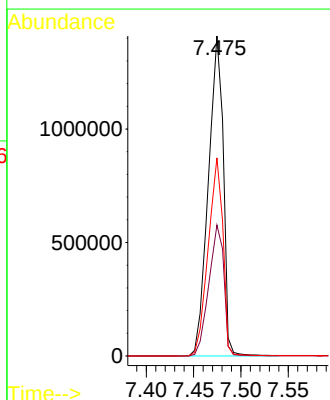
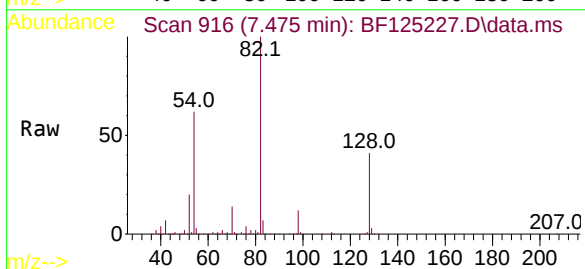
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	11.2	6.4	9.6#
68	6.7	3.3	4.9#

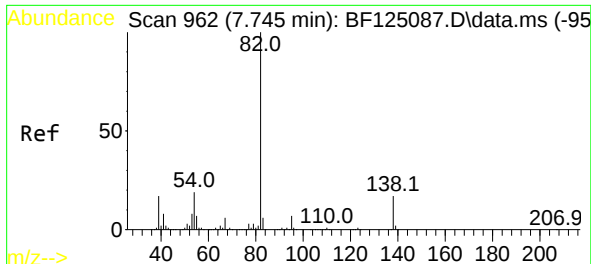


#23
Nitrobenzene-d5
Concen: 78.281 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion: 82 Resp: 1541864

Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.6	60.8
54	61.9	49.6	74.4

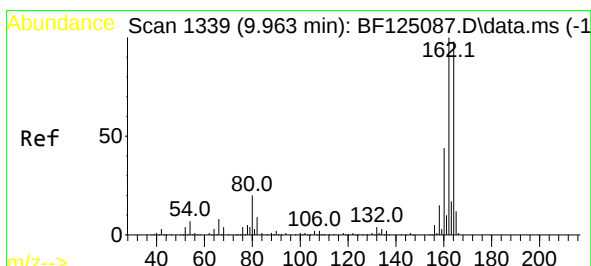
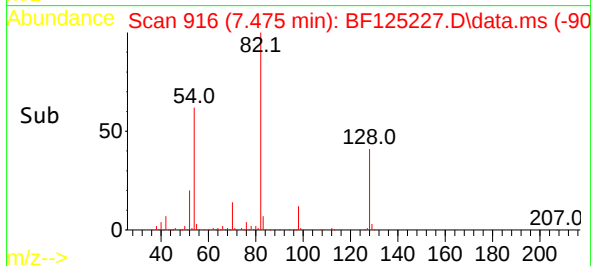
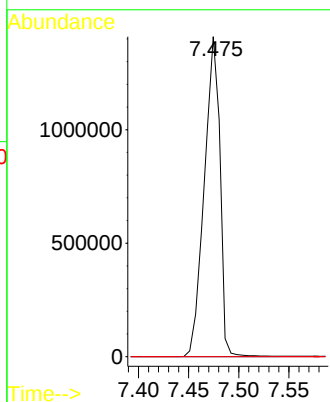
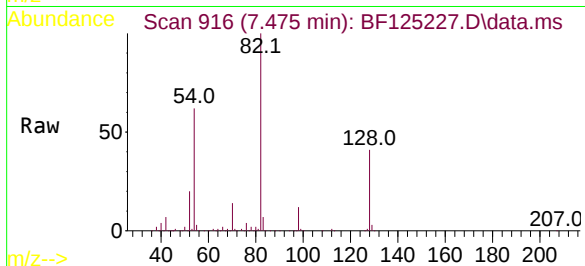




#25
Isophorone
Concen: 40.578 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

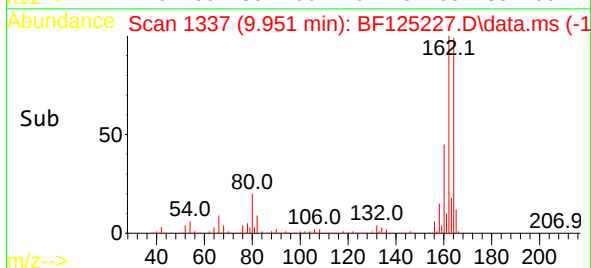
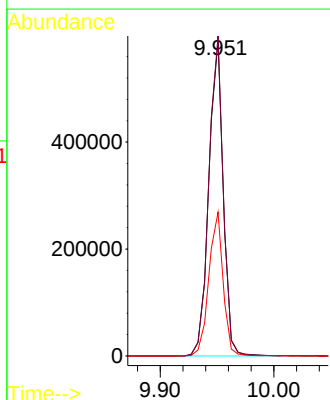
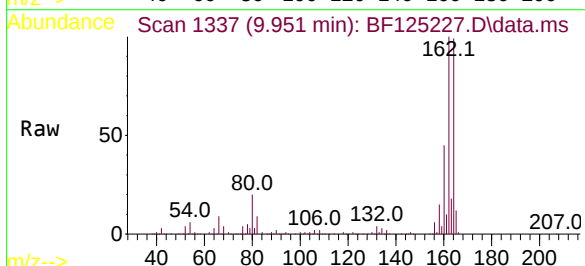
Instrument :
BNA_F
ClientSampleId :
PB138720BL

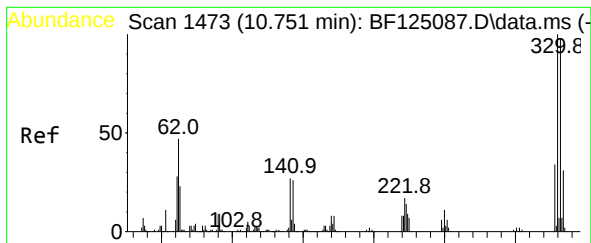
Tgt Ion: 82 Resp: 1541836
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:164 Resp: 520039
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.5 38.0 57.0

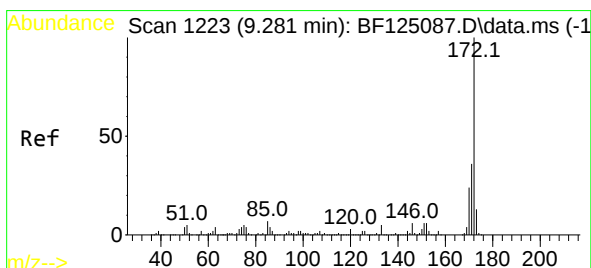
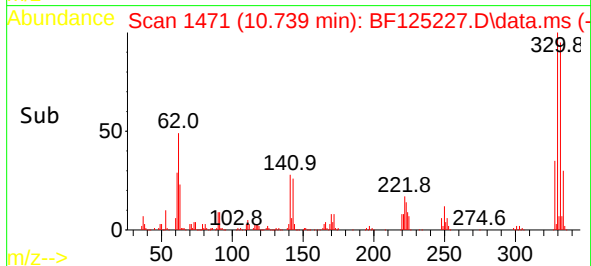
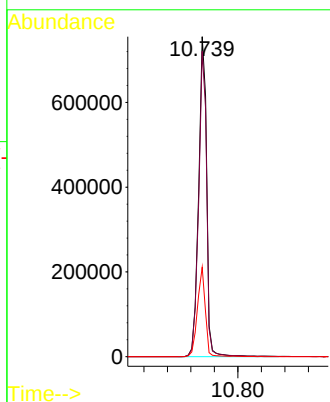
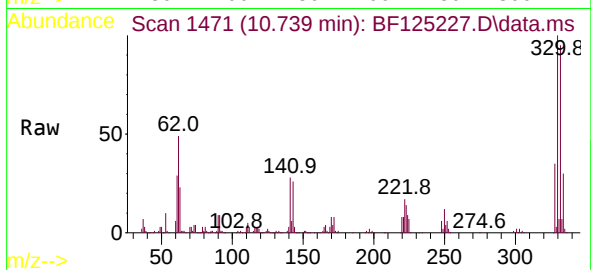




#42
2,4,6-Tribromophenol
Concen: 138.094 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

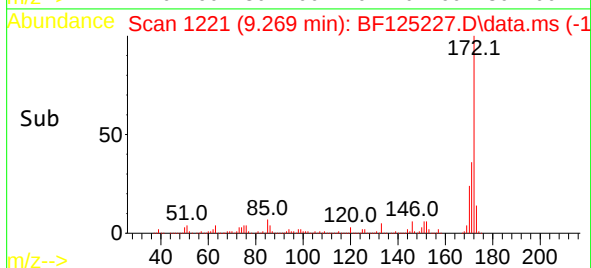
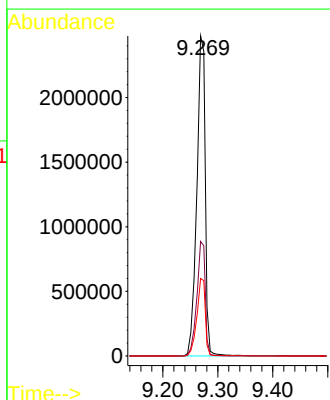
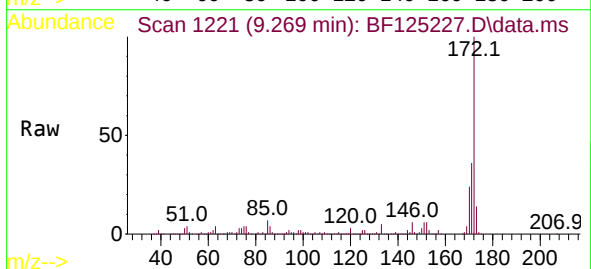
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ClientSampleId :
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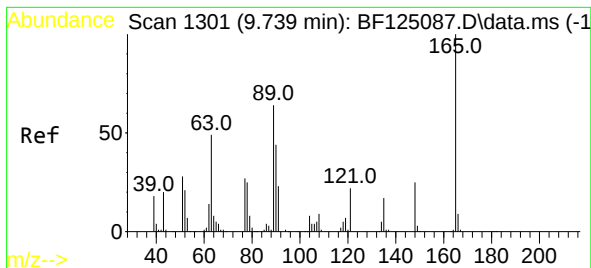
Tgt Ion:330 Resp: 716864
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 27.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.367 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:172 Resp: 2662891
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.2 18.8 28.2

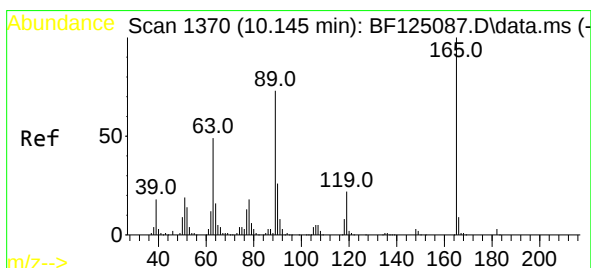
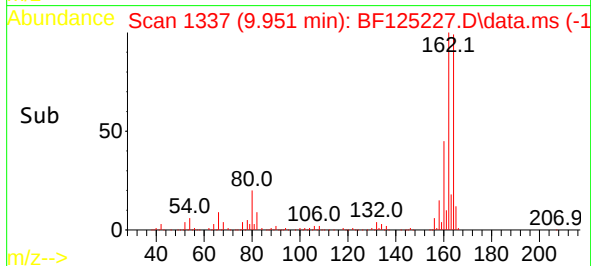
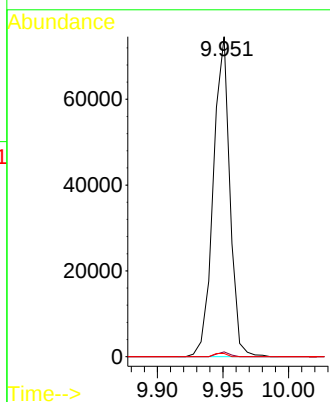
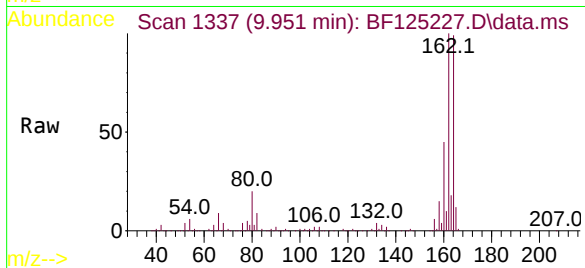




#51
2,6-Dinitrotoluene
Concen: 8.386 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

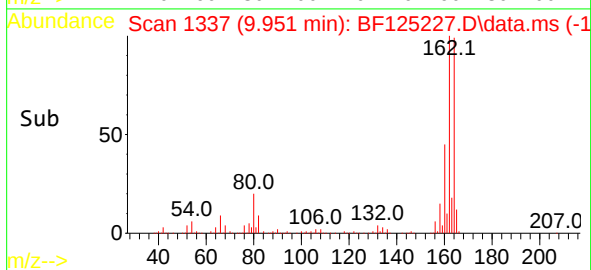
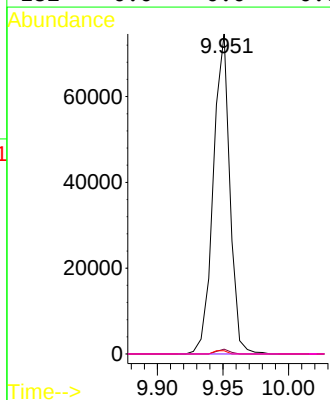
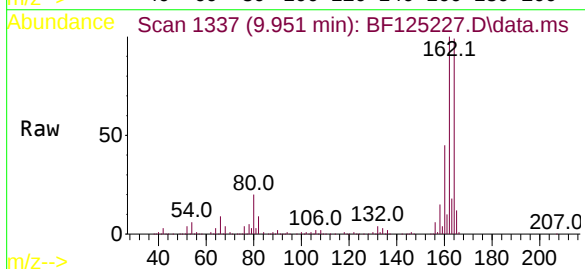
Instrument :
BNA_F
ClientSampleId :
PB138720BL

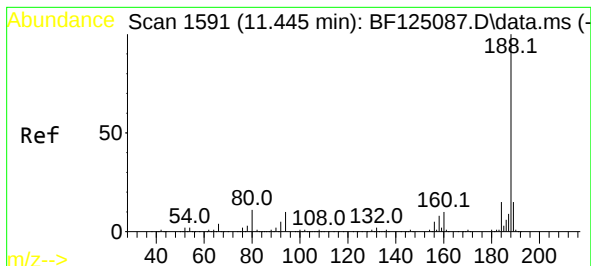
Tgt Ion:165 Resp: 65535
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.929 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:165 Resp: 65535
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

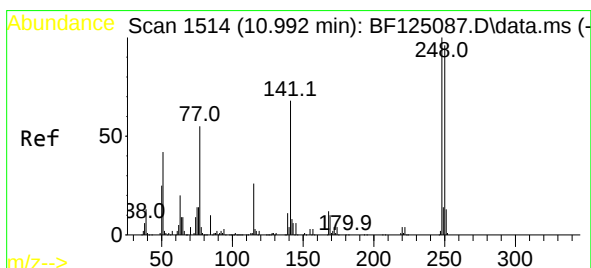
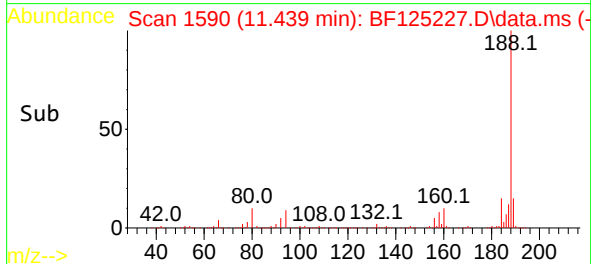
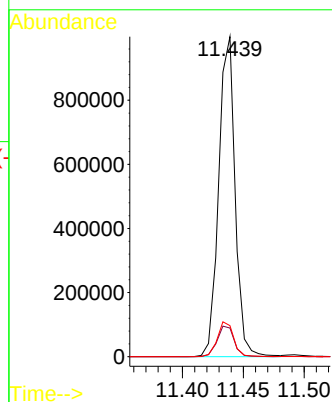
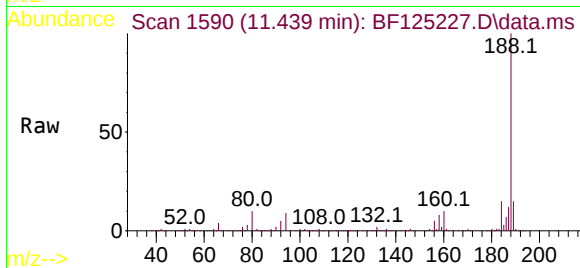




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

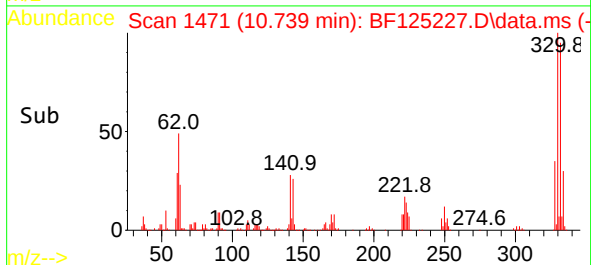
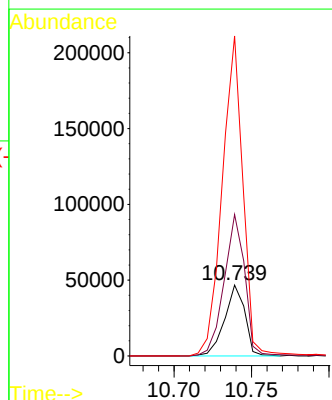
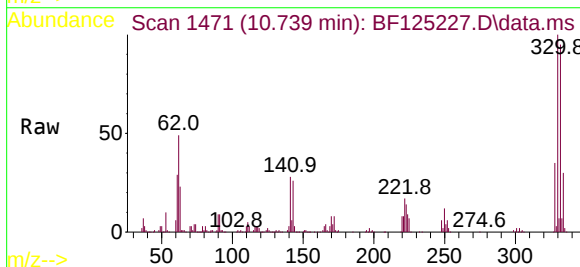
Instrument :
BNA_F
ClientSampleId :
PB138720BL

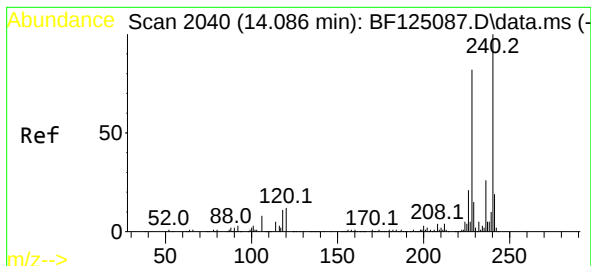
Tgt Ion:188 Resp: 940831
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:248 Resp: 42797
Ion Ratio Lower Upper
248 100
250 199.5 74.2 111.4#
141 451.5 60.4 90.6#

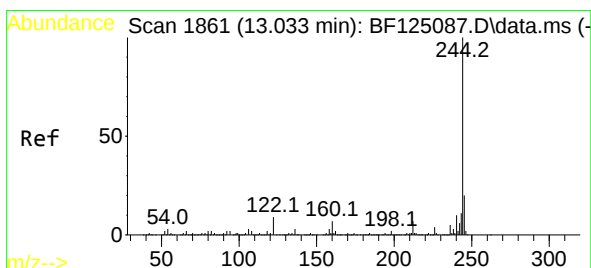
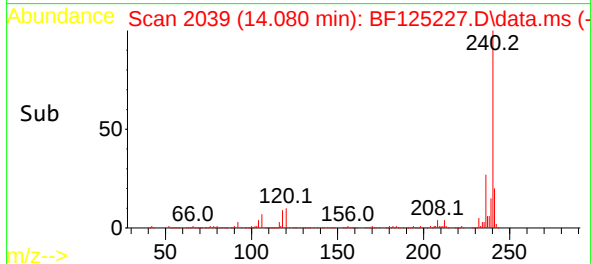
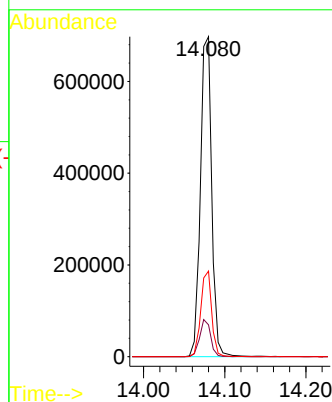
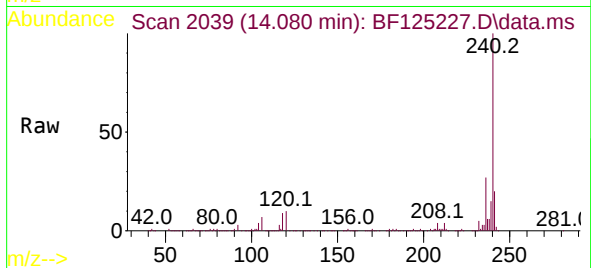




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

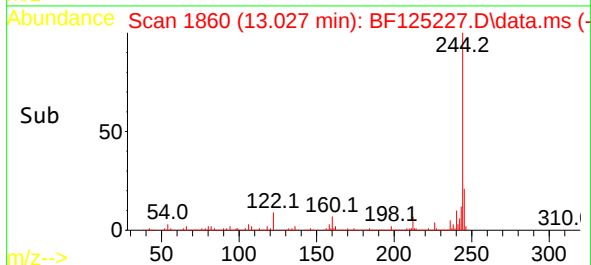
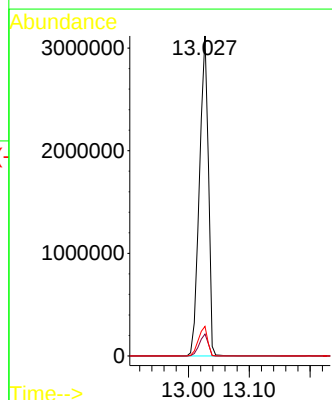
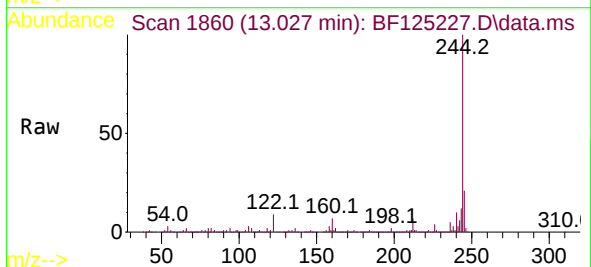
Instrument :
BNA_F
ClientSampleId :
PB138720BL

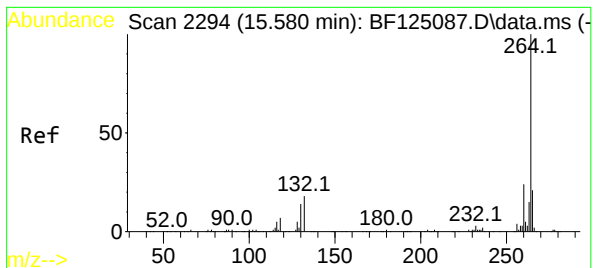
Tgt Ion:240 Resp: 678180
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 74.453 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125227.D
Acq: 26 Aug 2021 16:03

Tgt Ion:244 Resp: 3169492
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.000 min
 Lab File: BF125227.D
 Acq: 26 Aug 2021 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB138720BL

Tgt Ion:264 Resp: 566313
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.5 17.2 25.8

