

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125232.D
 Acq On : 26 Aug 2021 19:01
 Operator : JU/CG
 Sample : M3528-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-3-082421

Quant Time: Aug 27 05:02:12 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)

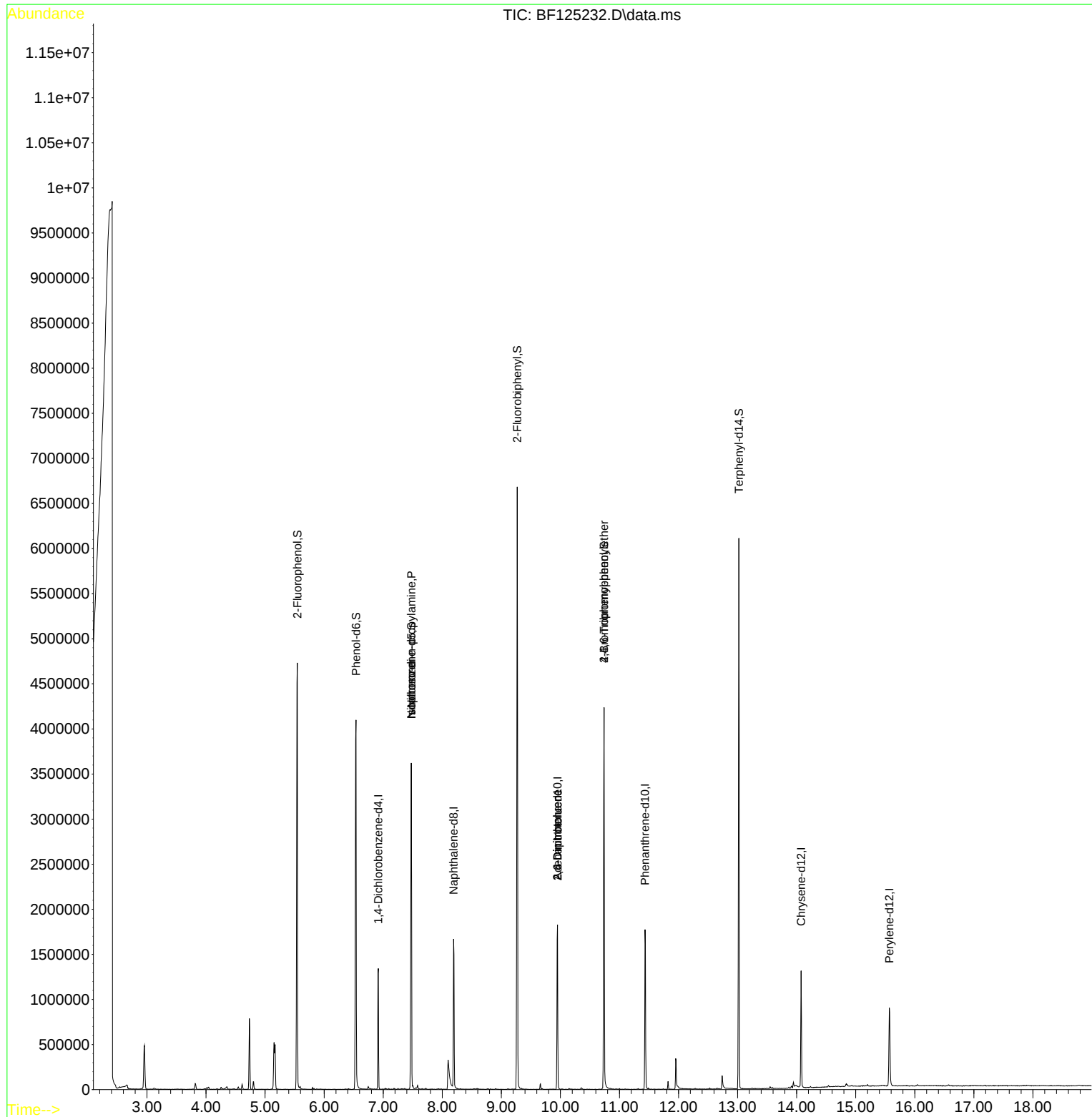
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	197581	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	752175	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	398894	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	687235	20.000	ng	0.00
76) Chrysene-d12	14.074	240	423134	20.000	ng	0.00
86) Perylene-d12	15.568	264	418696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1297988	99.434	ng	0.02
7) Phenol-d6	6.540	99	1485339	87.980	ng	0.00
23) Nitrobenzene-d5	7.475	82	1208472	80.885	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	528653	132.766	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2126002	74.282	ng	0.00
79) Terphenyl-d14	13.022	244	2178148	82.007	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	163944	16.145	ng	# 57
25) Isophorone	7.475	82	1208457	41.928	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50086	8.356	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	50086	6.904	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	33031	4.003	ng	# 1

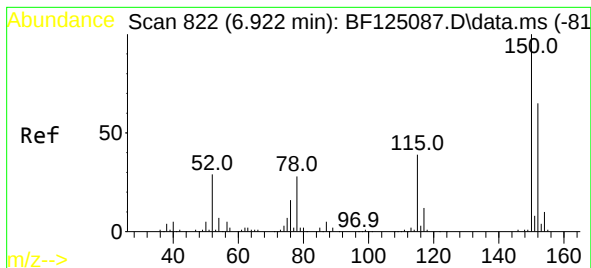
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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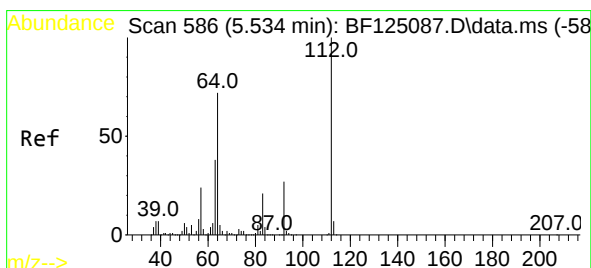
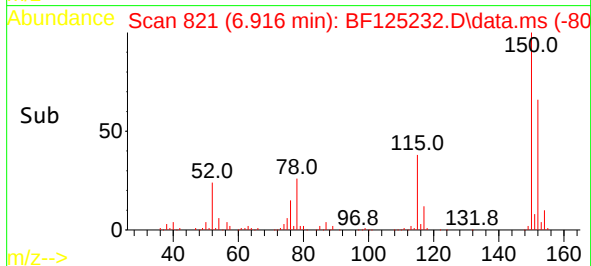
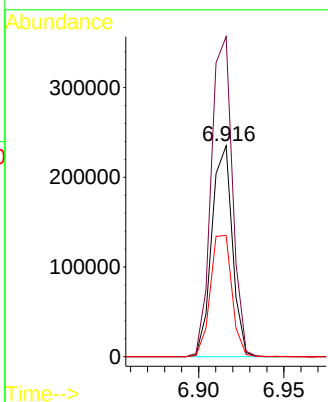
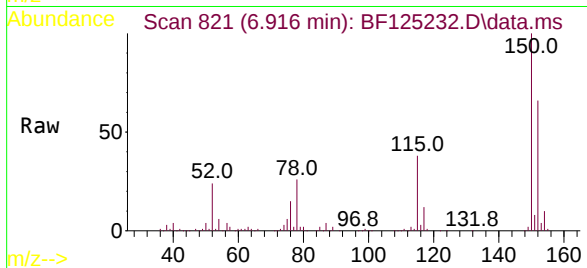




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

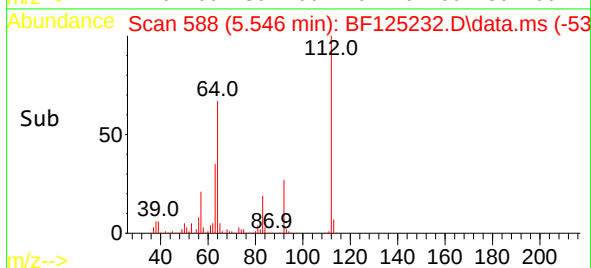
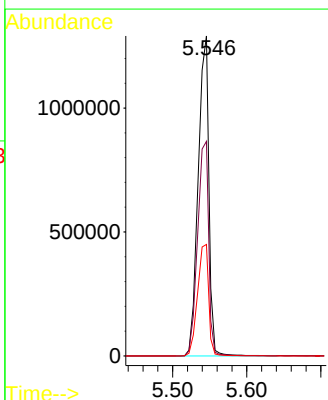
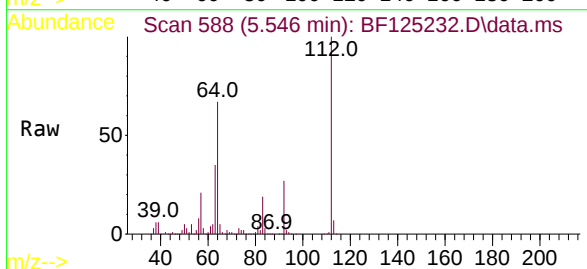
Instrument :
BNA_F
ClientSampleId :
PT-3-082421

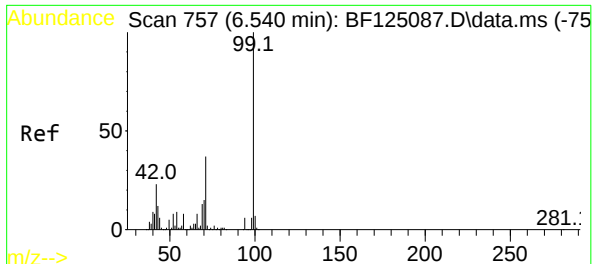
Tgt Ion:152 Resp: 197581
Ion Ratio Lower Upper
152 100
150 151.7 117.6 176.4
115 57.5 47.1 70.7



#5
2-Fluorophenol
Concen: 99.434 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.018 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion:112 Resp: 1297988
Ion Ratio Lower Upper
112 100
64 67.1 44.2 66.2#
63 34.8 26.2 39.2

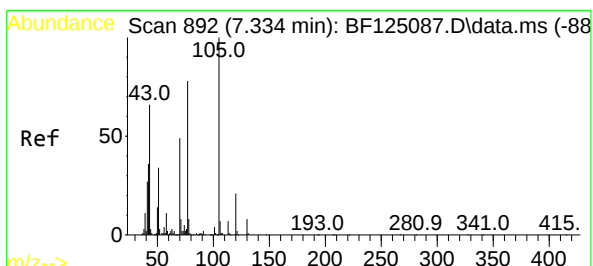
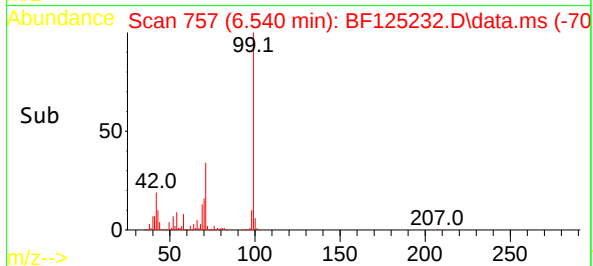
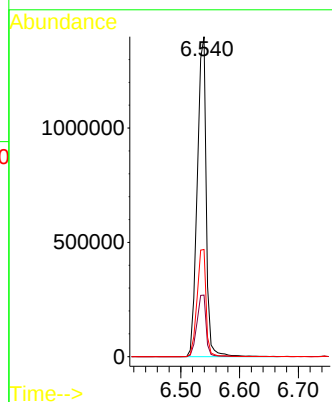
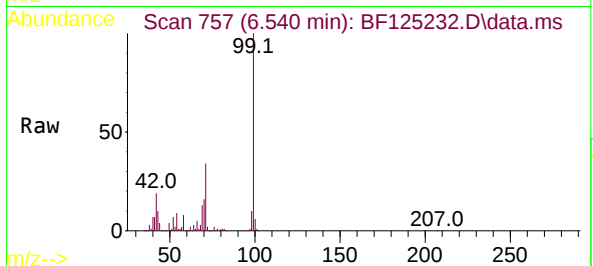




#7
Phenol-d6
Concen: 87.980 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

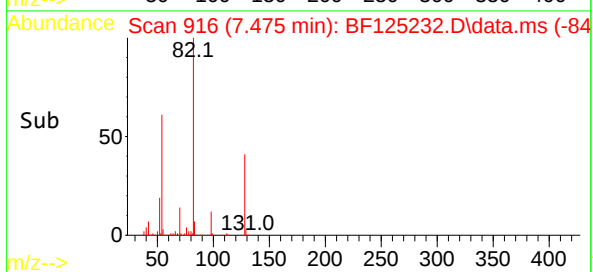
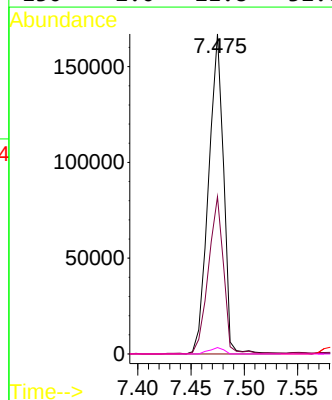
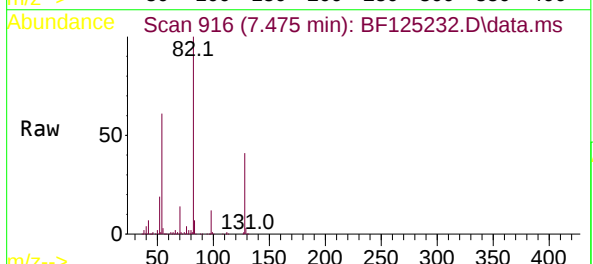
Instrument :
BNA_F
ClientSampleId :
PT-3-082421

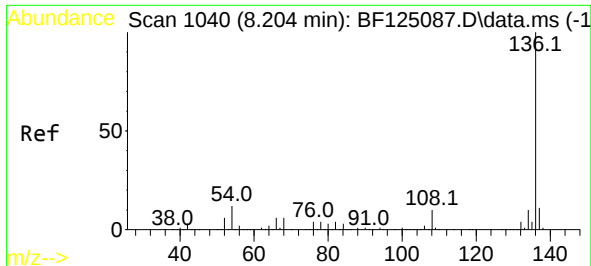
Tgt Ion: 99 Resp: 1485339
Ion Ratio Lower Upper
99 100
42 19.2 23.5 35.3#
71 33.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.145 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion: 70 Resp: 163944
Ion Ratio Lower Upper
70 100
42 49.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



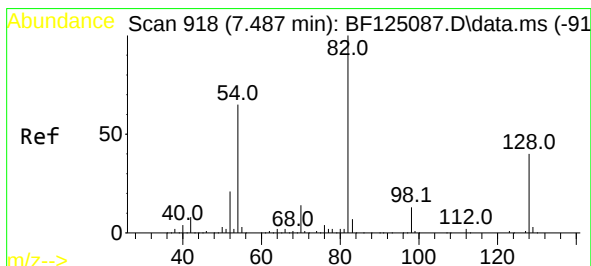
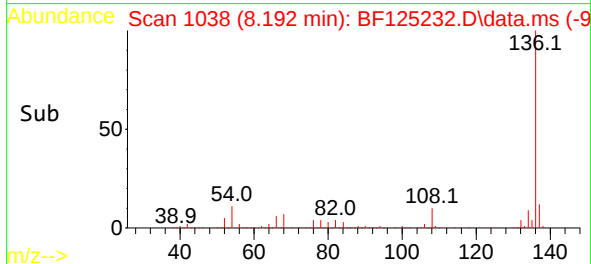
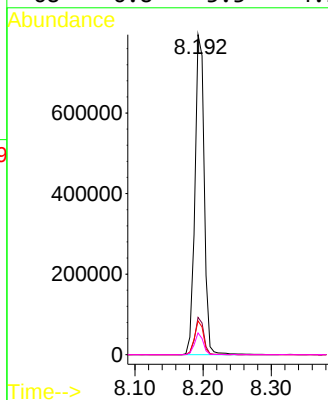
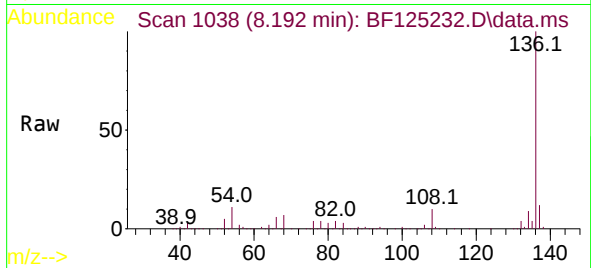


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Instrument :
BNA_F
ClientSampleId :
PT-3-082421

Tgt Ion:136 Resp: 752175

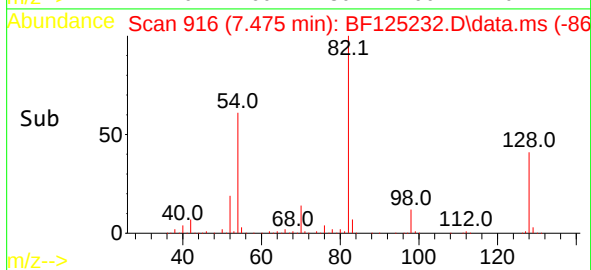
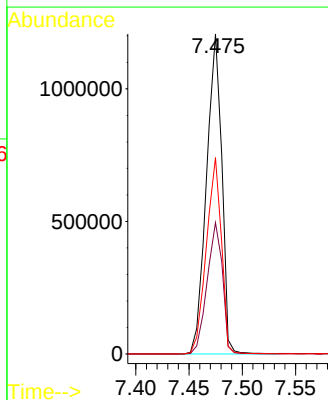
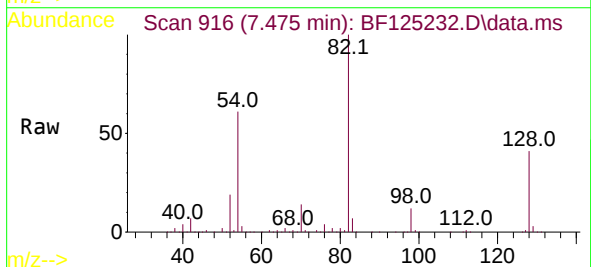
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	10.6	6.4	9.6#
68	6.8	3.3	4.9#

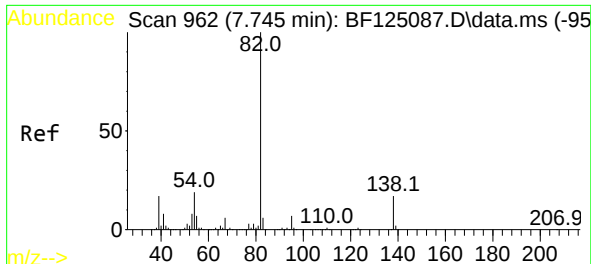


#23
Nitrobenzene-d5
Concen: 80.885 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion: 82 Resp: 1208472

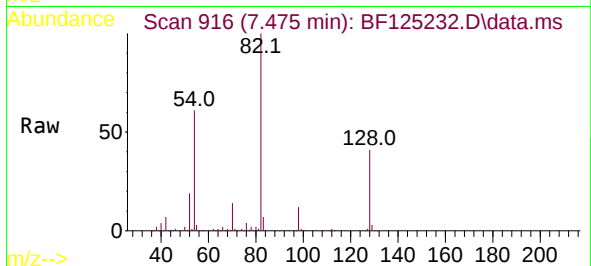
Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.6	60.8
54	61.3	49.6	74.4



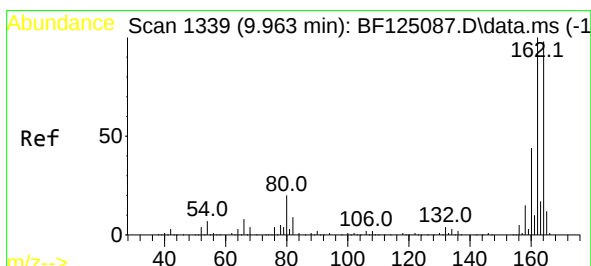
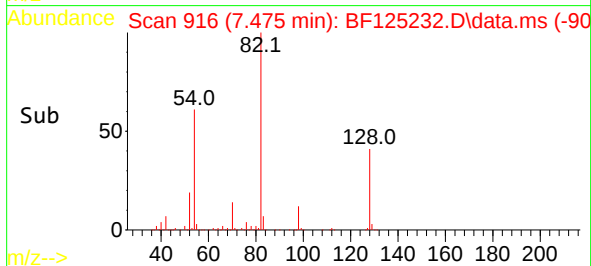
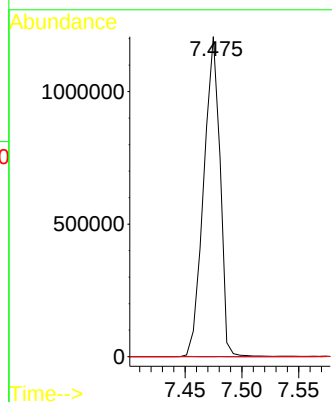


#25
Isophorone
Concen: 41.928 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Instrument :
BNA_F
ClientSampleId :
PT-3-082421

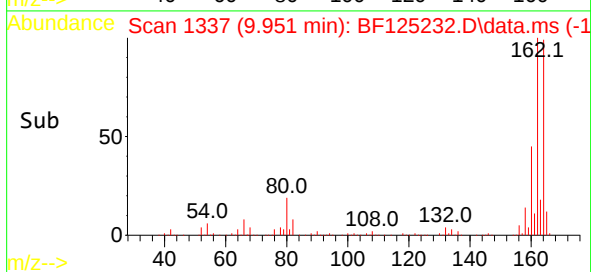
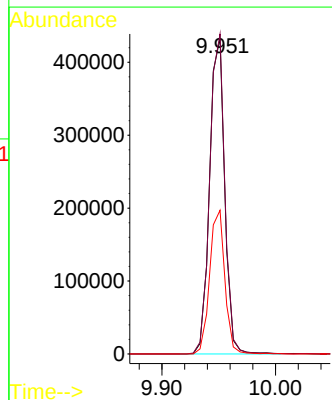
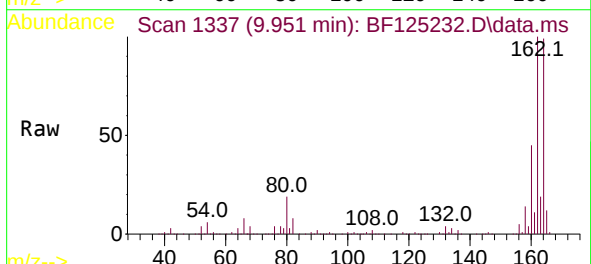


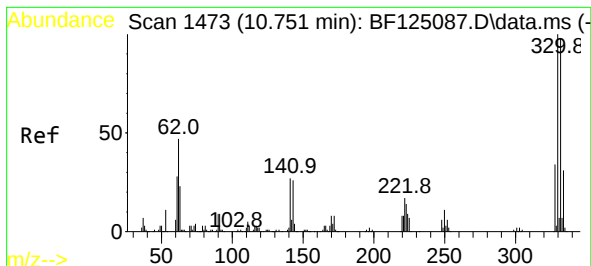
Tgt Ion: 82 Resp: 1208457
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion: 164 Resp: 398894
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.5 38.0 57.0

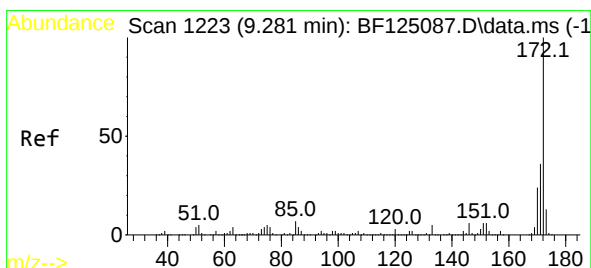
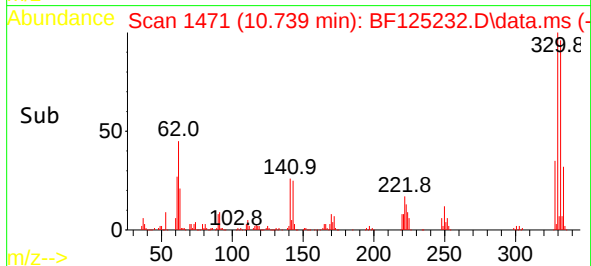
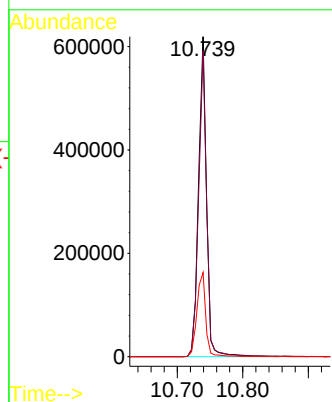
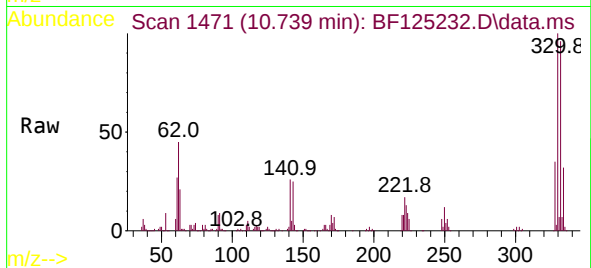




#42
2,4,6-Tribromophenol
Concen: 132.766 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

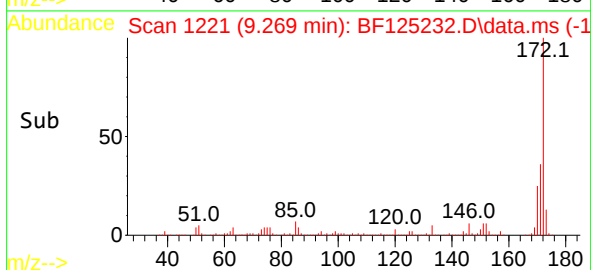
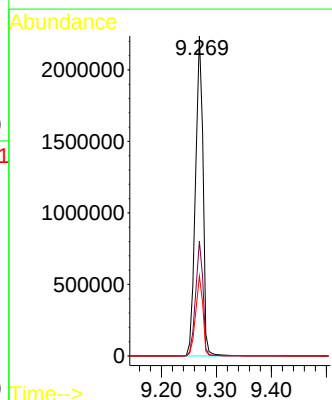
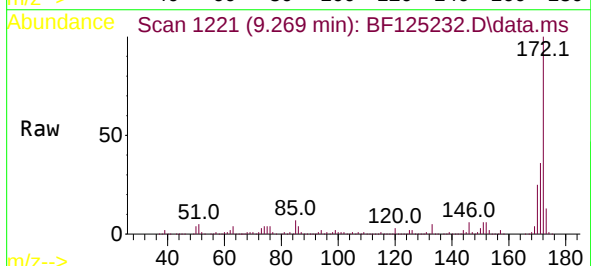
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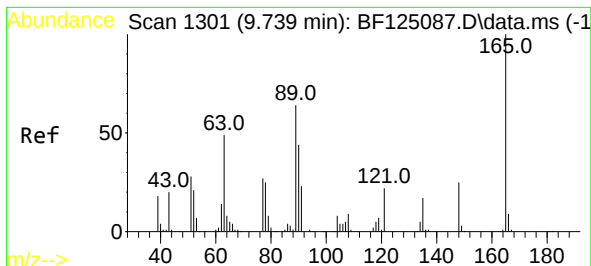
Tgt Ion:330 Resp: 528653
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.282 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion:172 Resp: 2126002
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 25.0 18.8 28.2

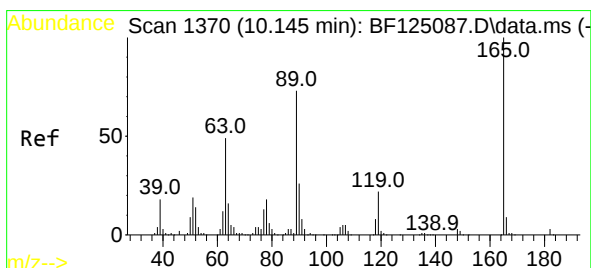
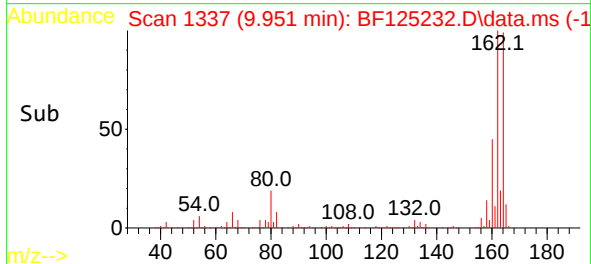
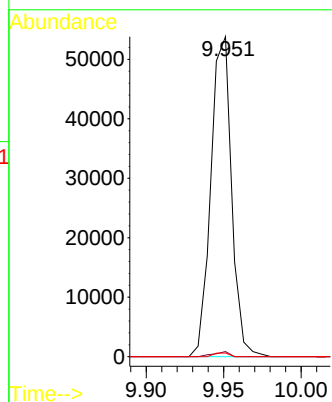
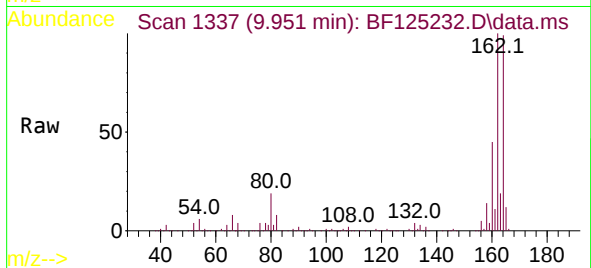




#51
2,6-Dinitrotoluene
Concen: 8.356 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

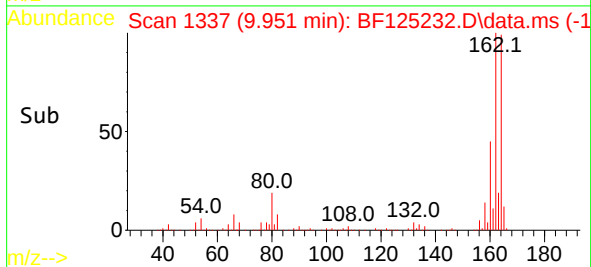
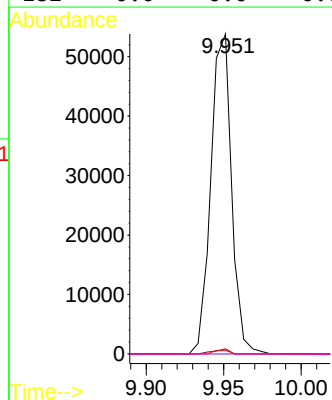
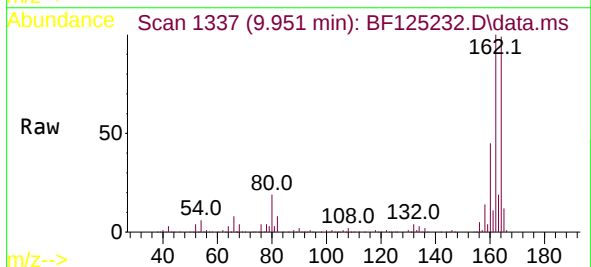
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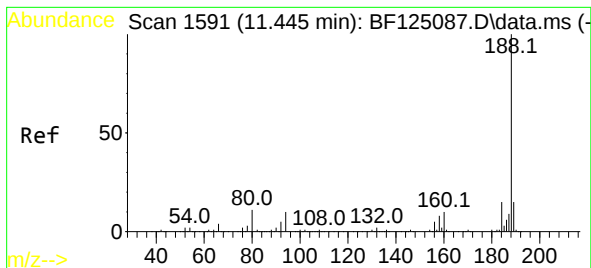
Tgt Ion:165 Resp: 50086
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion:165 Resp: 50086
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

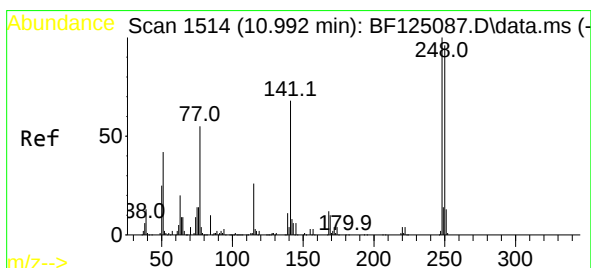
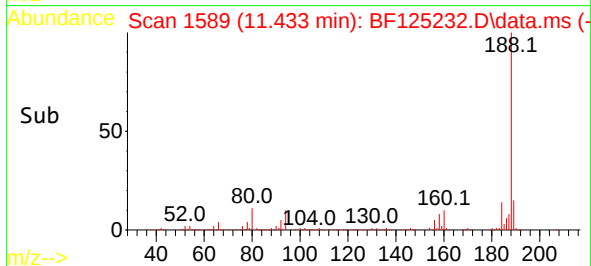
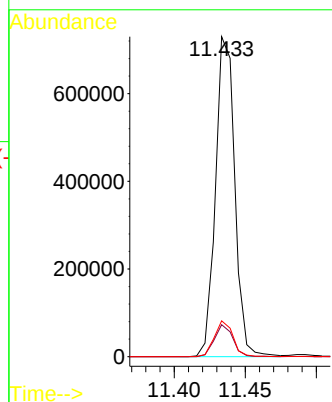
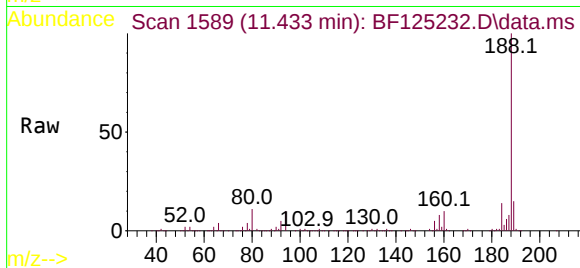




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

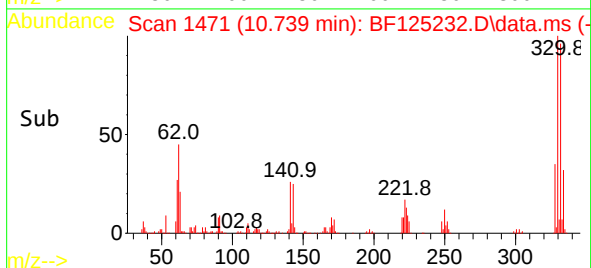
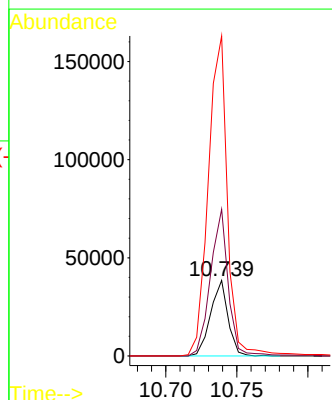
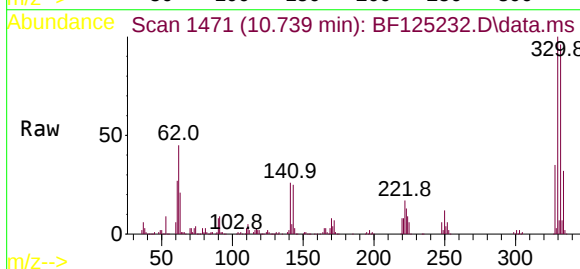
Instrument :
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PT-3-082421

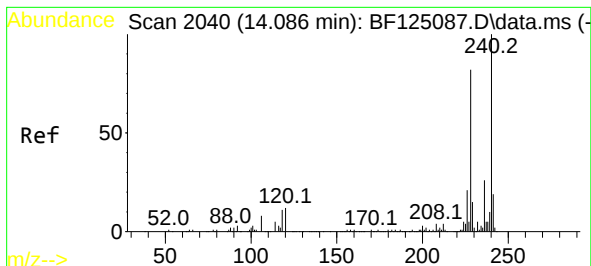
Tgt Ion:188 Resp: 687235
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion:248 Resp: 33031
Ion Ratio Lower Upper
248 100
250 194.3 74.2 111.4#
141 424.0 60.4 90.6#

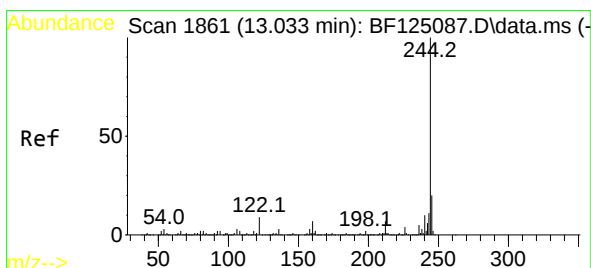
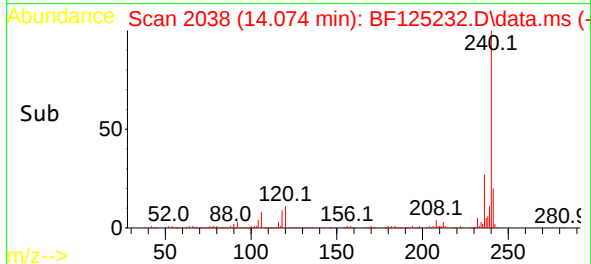
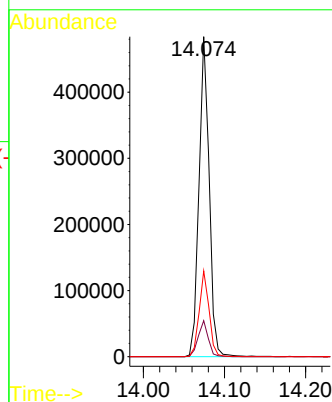
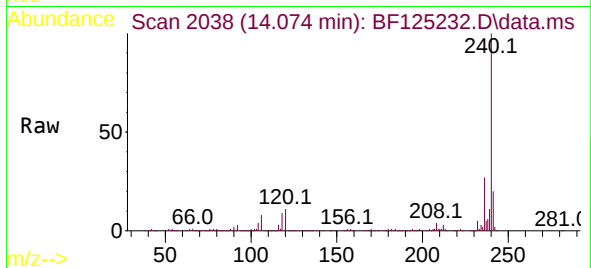




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

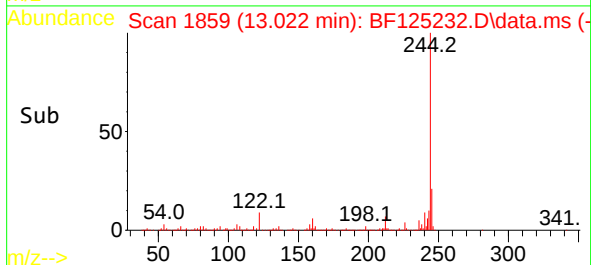
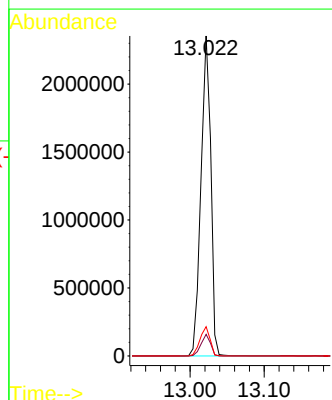
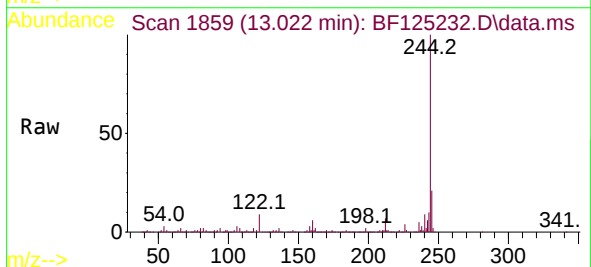
Instrument :
BNA_F
ClientSampleId :
PT-3-082421

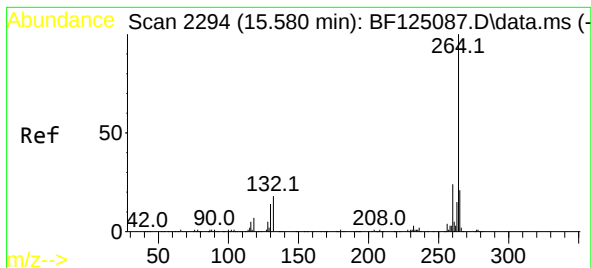
Tgt Ion:240 Resp: 423134
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 26.8 21.6 32.4



#79
Terphenyl-d14
Concen: 82.007 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125232.D
Acq: 26 Aug 2021 19:01

Tgt Ion:244 Resp: 2178148
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.2 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: BF125232.D
Acq: 26 Aug 2021 19:01

Instrument :
BNA_F
ClientSampleId :
PT-3-082421

Tgt Ion:264 Resp: 418696
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 22.2 17.2 25.8

