

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124632.D
 Acq On : 20 Jul 2021 15:55
 Operator : JU/CG
 Sample : M3076-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210578-COM-1

Quant Time: Jul 20 16:34:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

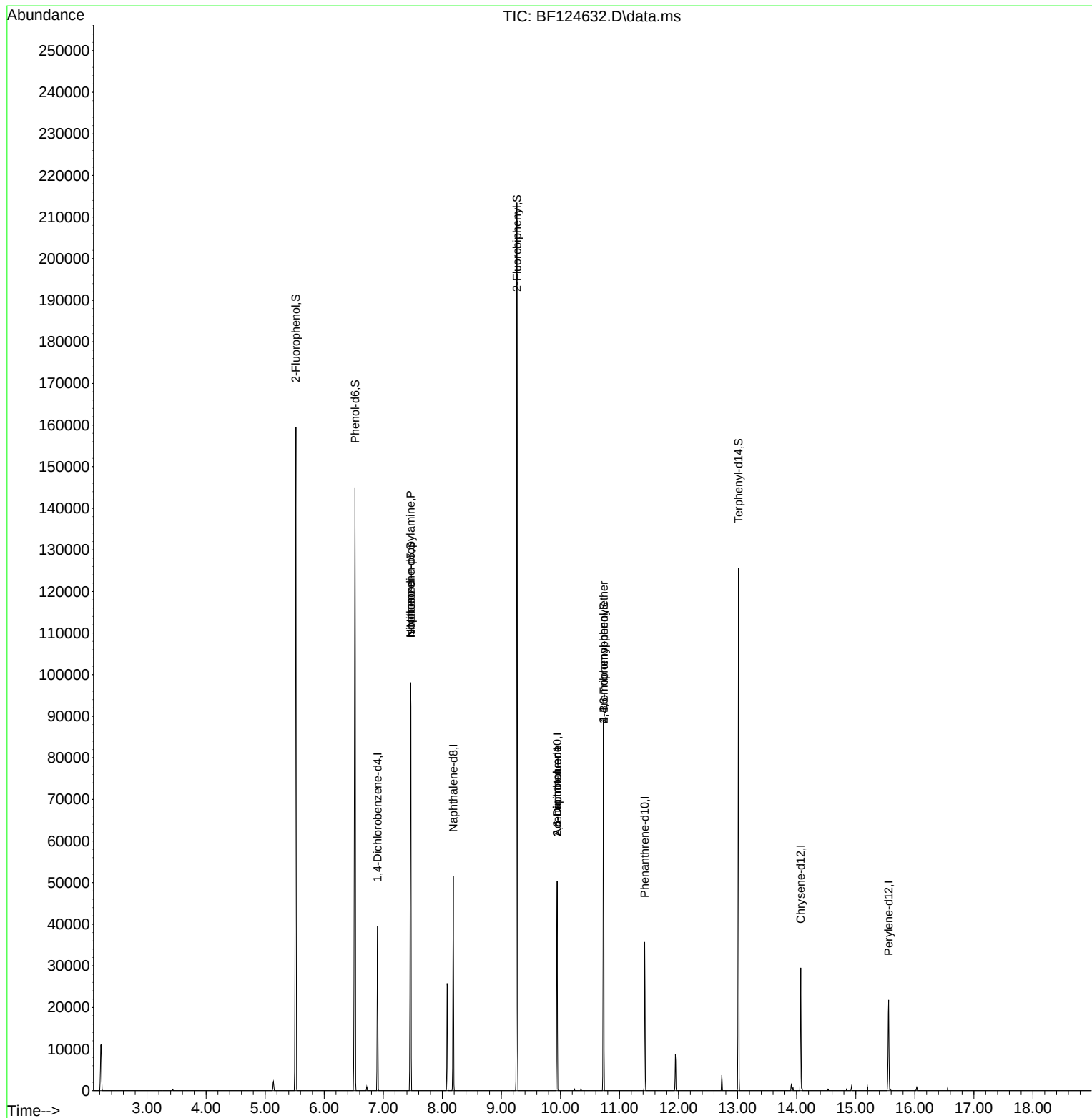
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	5878	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	21792	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	10370	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	13039	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	10243	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	10822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	45970	135.499	ng	0.00
7) Phenol-d6	6.522	99	53103	128.667	ng	0.00
23) Nitrobenzene-d5	7.463	82	31983	92.648	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	8352	103.497	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	62821	88.340	ng	0.00
79) Terphenyl-d14	13.015	244	37118	60.850	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	4162	17.937	ng	# 75
25) Isophorone	7.463	82	31982	50.467	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	1330	9.351	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1330	6.830	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	640	4.747	ng	# 1

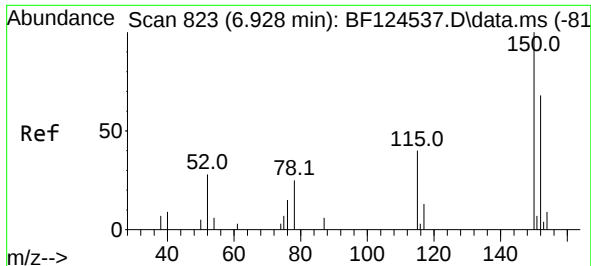
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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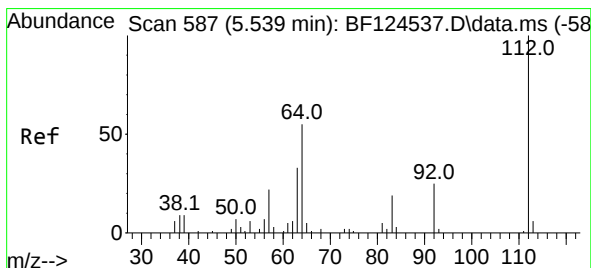
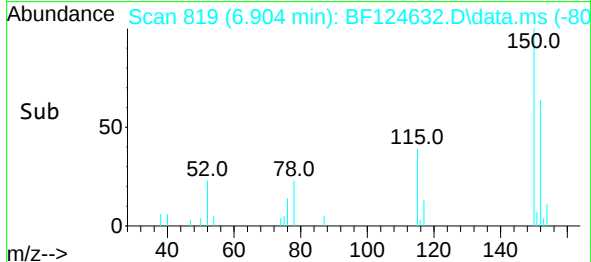
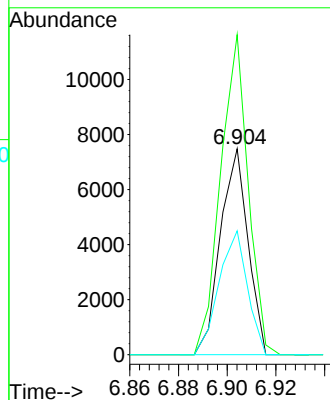
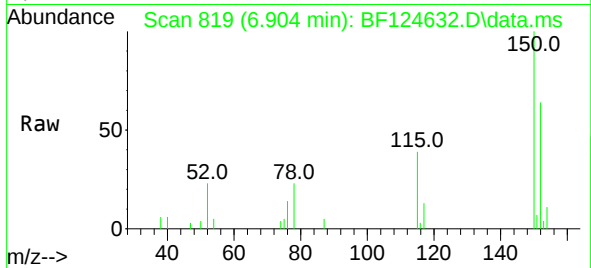




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

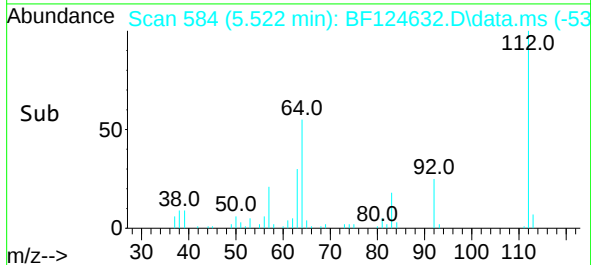
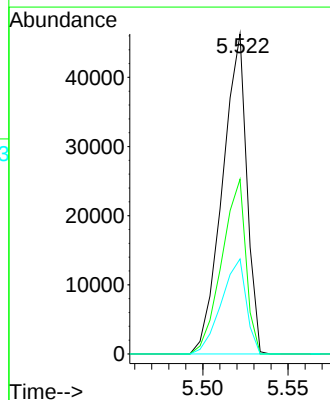
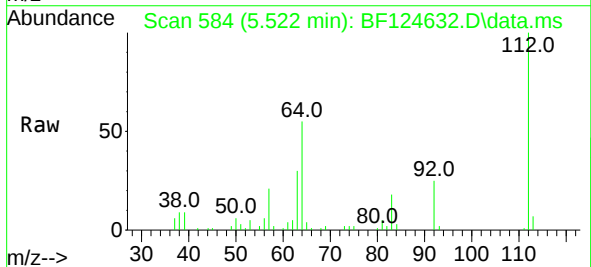
Instrument :
BNA_F
ClientSampleId :
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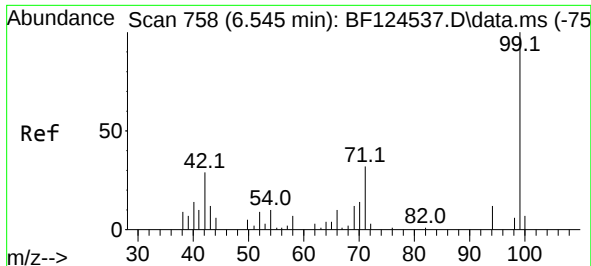
Tgt Ion:152 Resp: 5878
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 135.499 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

Tgt Ion:112 Resp: 45970
Ion Ratio Lower Upper
112 100
64 54.6 44.2 66.2
63 29.7 26.2 39.2

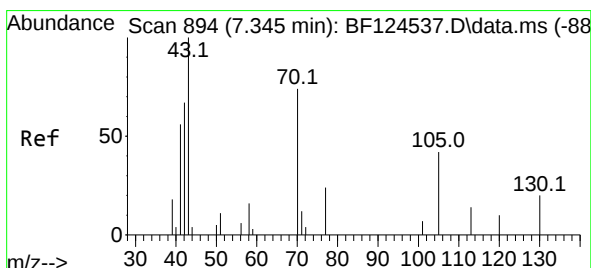
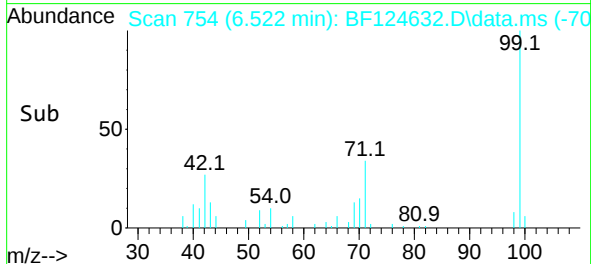
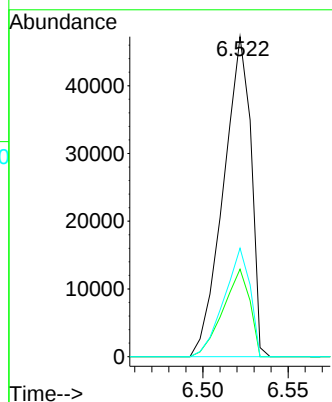
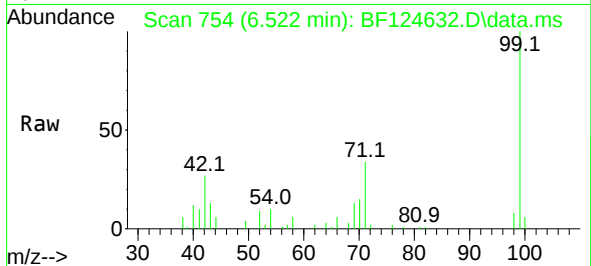




#7
Phenol-d6
Concen: 128.667 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

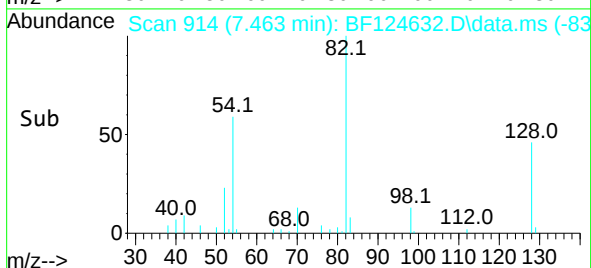
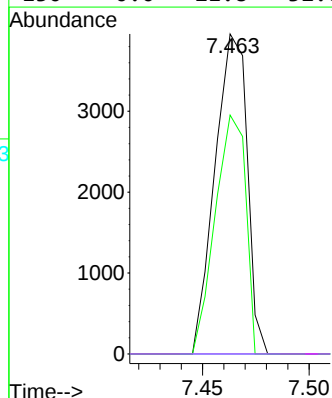
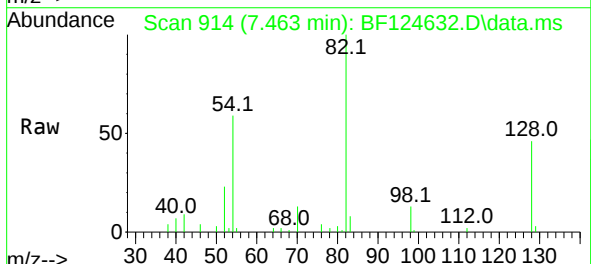
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

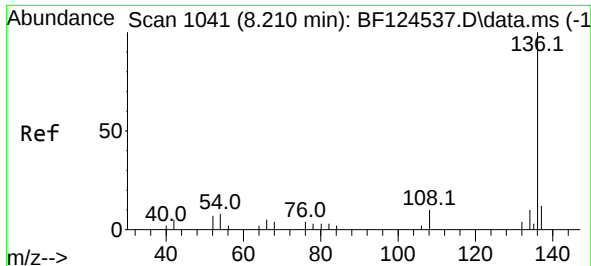
Tgt Ion:	99	Resp:	53103
Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	33.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.937 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.141 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

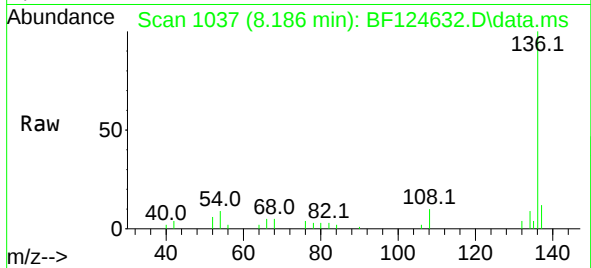
Tgt Ion:	70	Resp:	4162
Ion	Ratio	Lower	Upper
70	100		
42	74.6	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#





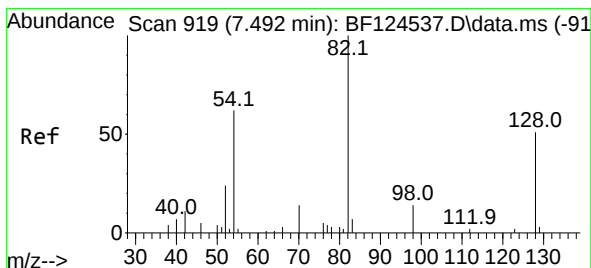
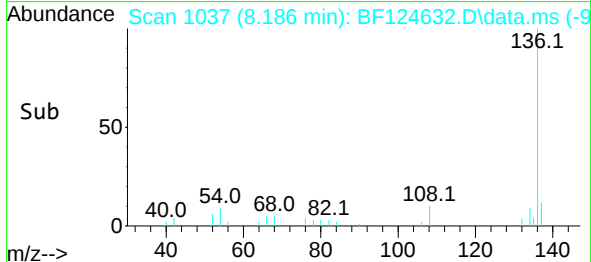
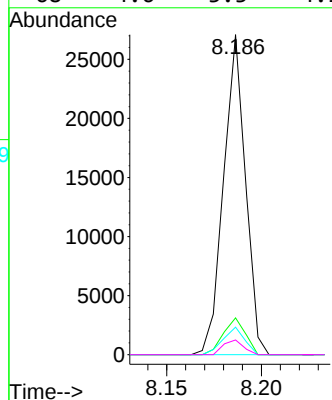
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1



Tgt Ion:136 Resp: 21792

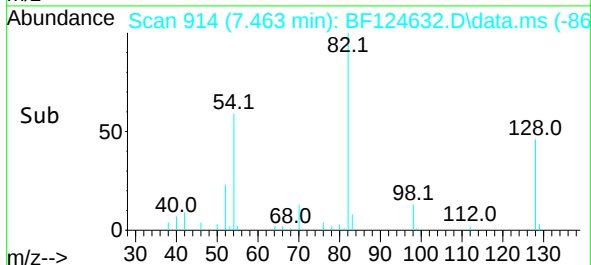
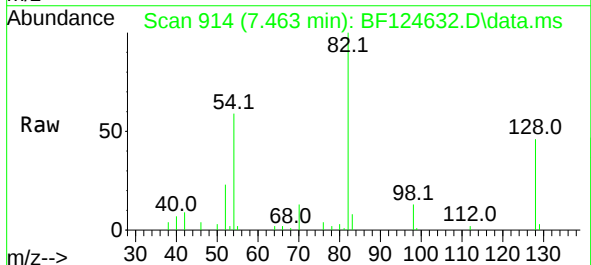
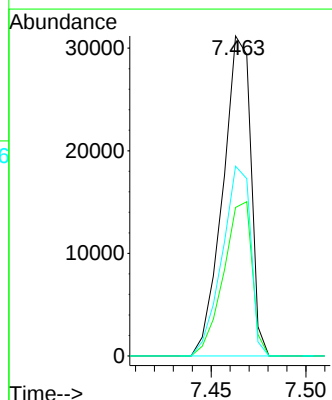
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	8.6	6.4	9.6
68	4.6	3.3	4.9

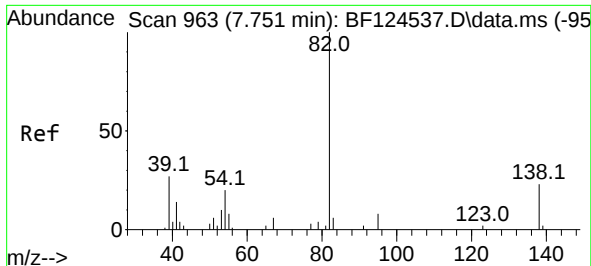


#23
Nitrobenzene-d5
Concen: 92.648 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

Tgt Ion: 82 Resp: 31983

Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.6	60.8
54	59.3	49.6	74.4

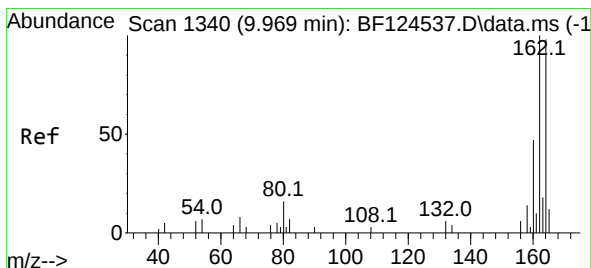
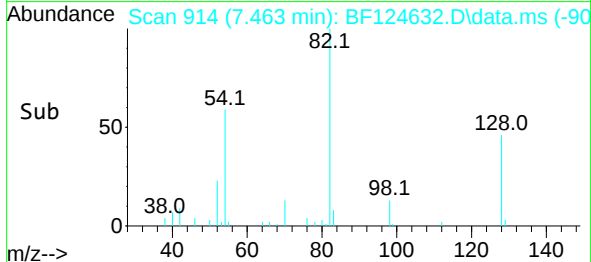
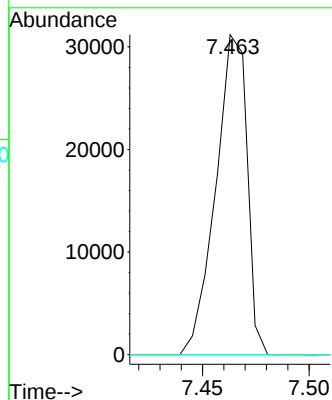
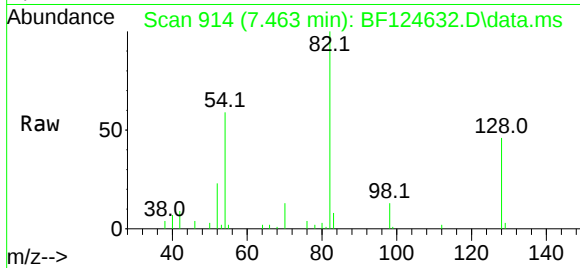




#25
Isophorone
Concen: 50.467 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.271 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

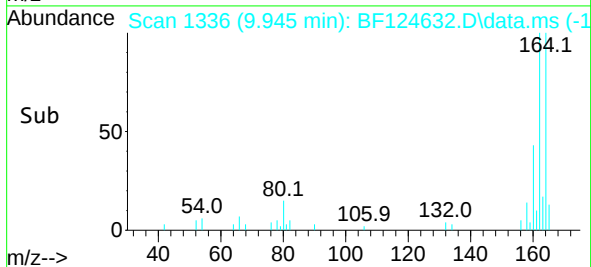
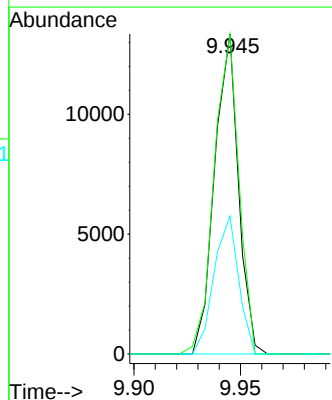
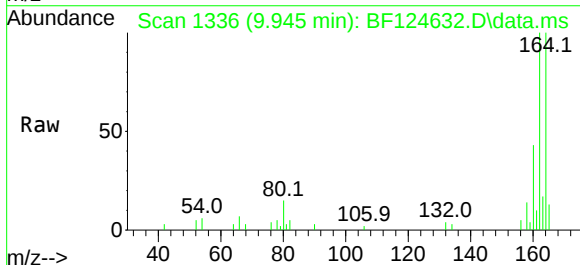
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ClientSampleId :
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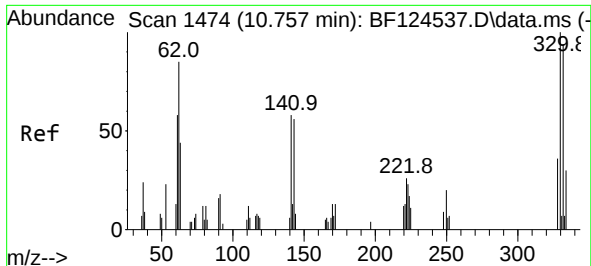
Tgt Ion: 82 Resp: 31982
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

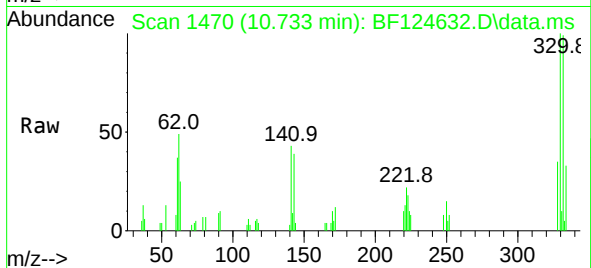
Tgt Ion: 164 Resp: 10370
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 43.1 38.0 57.0



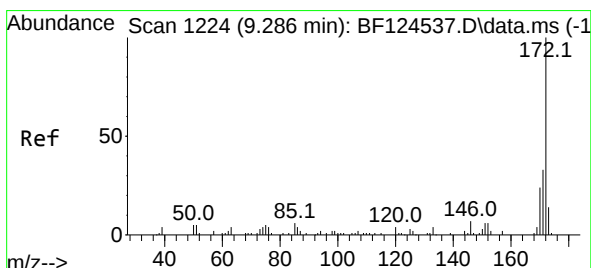
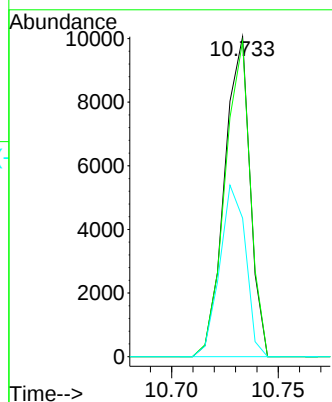
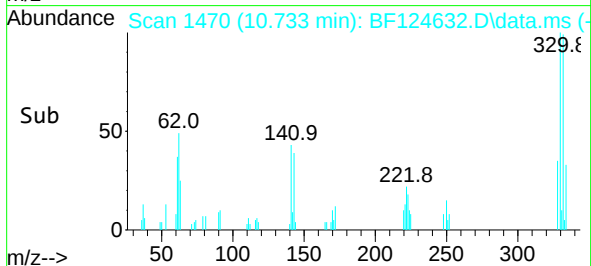


#42
2,4,6-Tribromophenol
Concen: 103.497 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

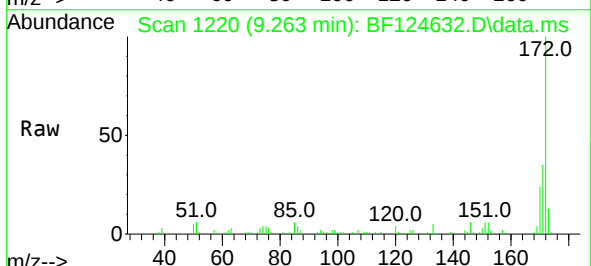
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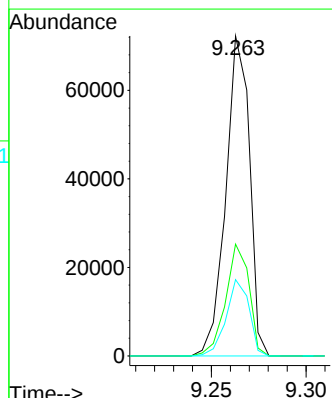
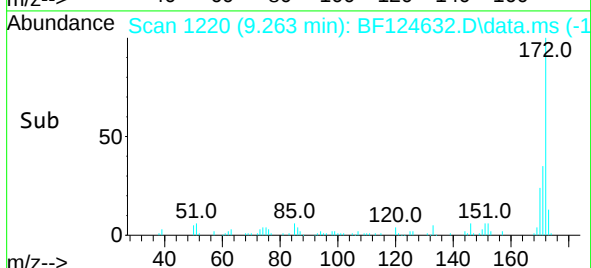
Tgt Ion: 330 Resp: 8352
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 54.5 44.6 66.8

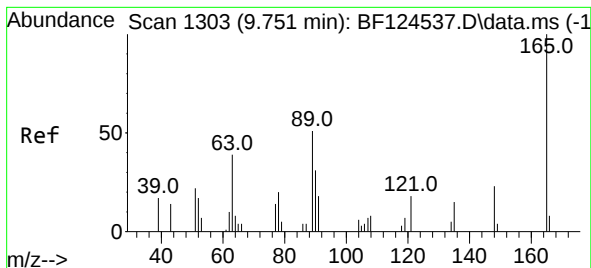


#45
2-Fluorobiphenyl
Concen: 88.340 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55



Tgt Ion: 172 Resp: 62821
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.9 18.8 28.2

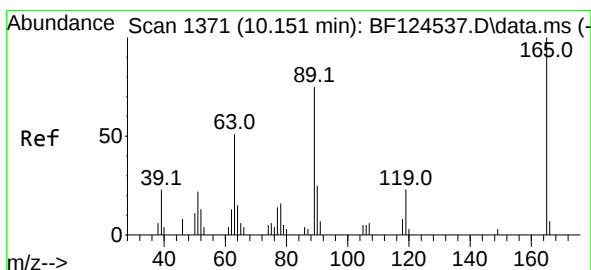
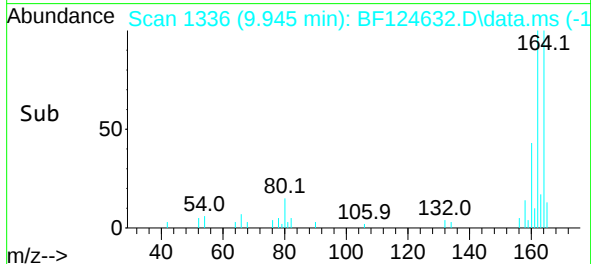
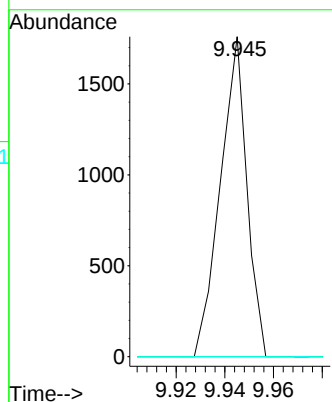
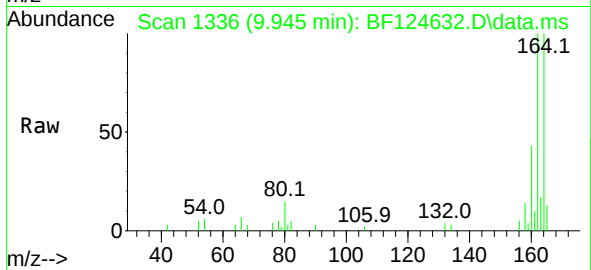




#51
2,6-Dinitrotoluene
Concen: 9.351 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

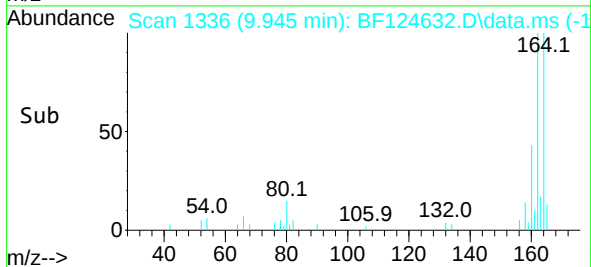
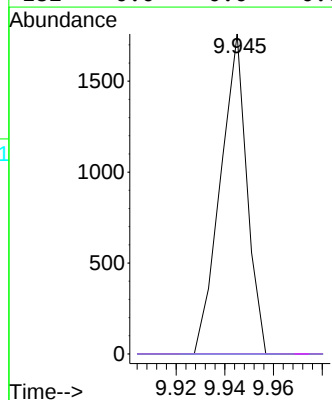
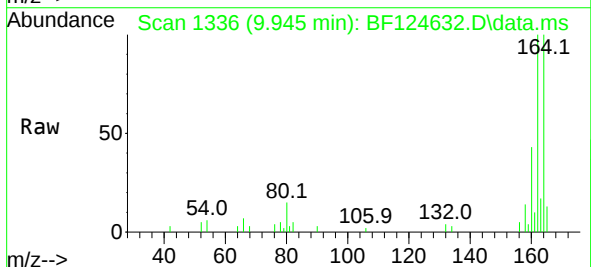
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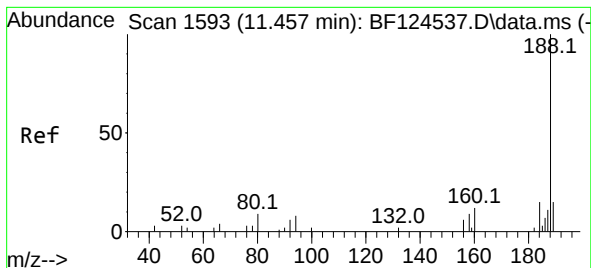
Tgt Ion:165 Resp: 1330
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

Tgt Ion:165 Resp: 1330
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

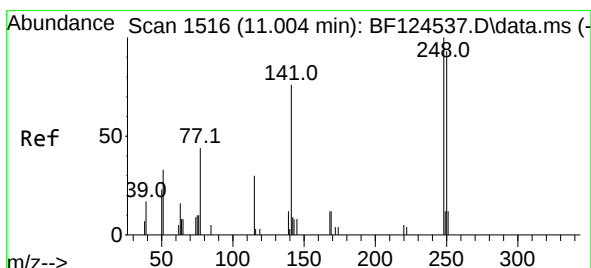
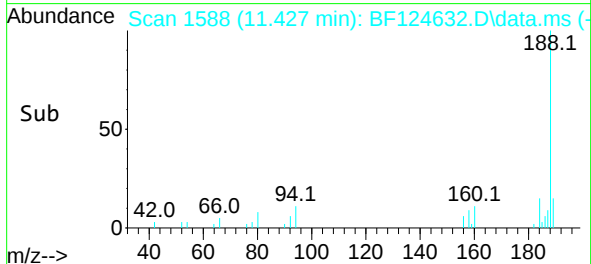
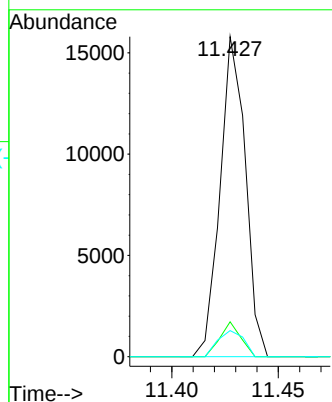
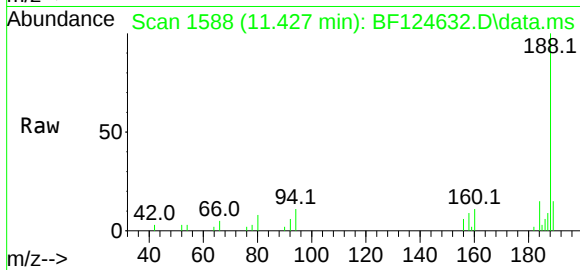




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

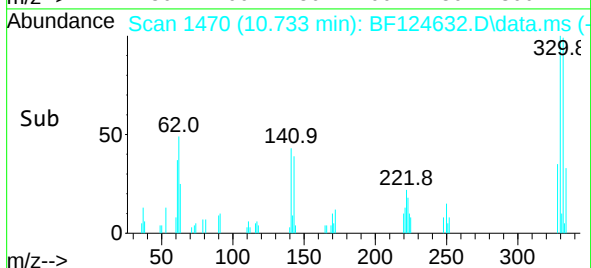
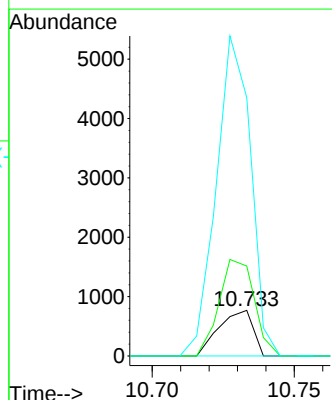
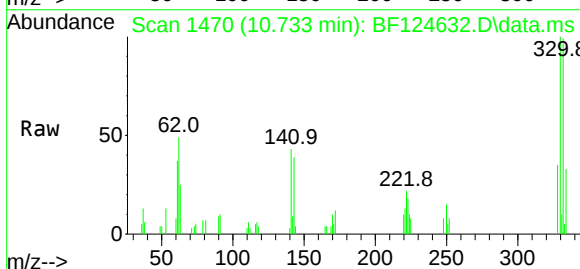
Instrument :
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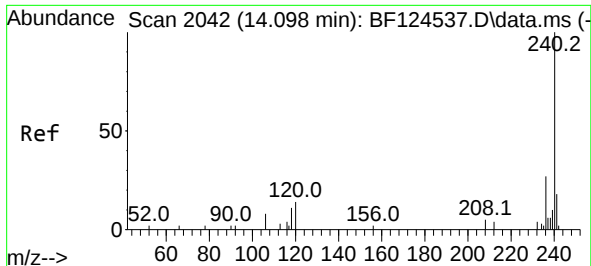
Tgt Ion:188 Resp: 13039
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 8.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.747 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

Tgt Ion:248 Resp: 640
Ion Ratio Lower Upper
248 100
250 197.1 74.2 111.4#
141 567.1 60.4 90.6#

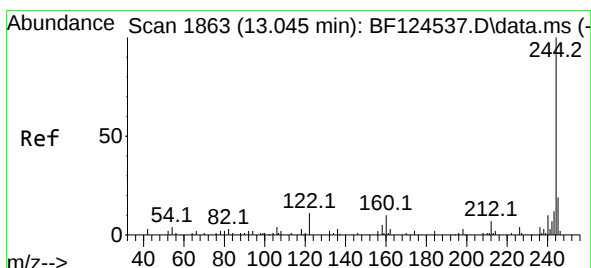
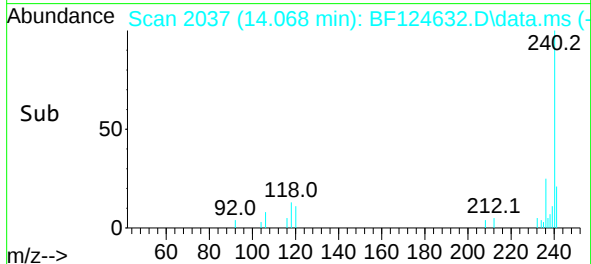
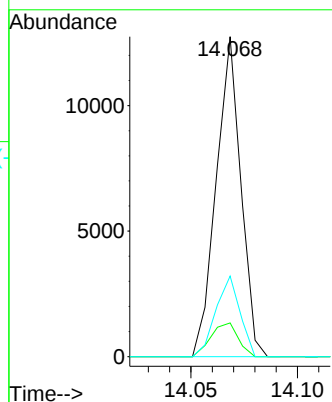
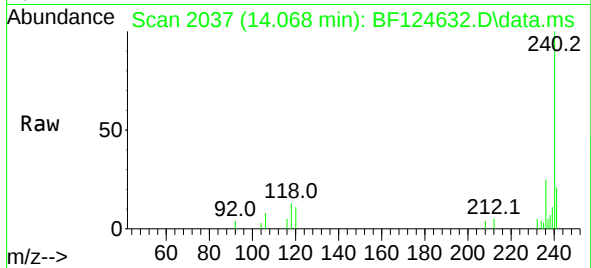




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

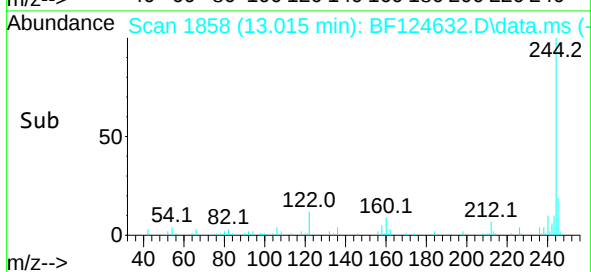
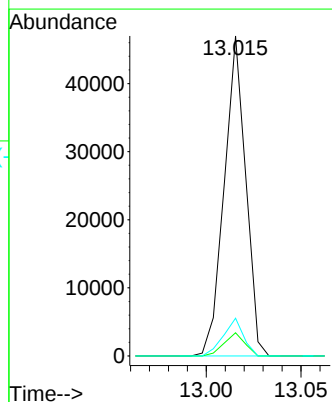
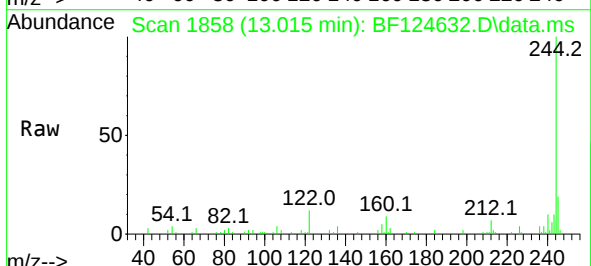
Instrument :
BNA_F
ClientSampleId :
20210578-COM-1

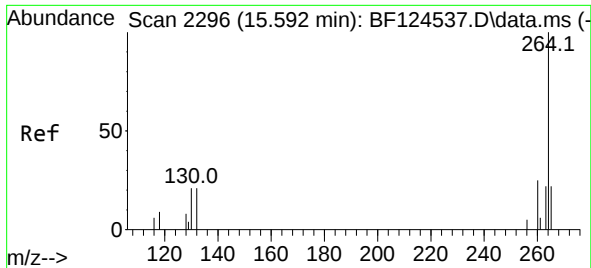
Tgt Ion:240 Resp: 10243
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 60.850 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF124632.D
Acq: 20 Jul 2021 15:55

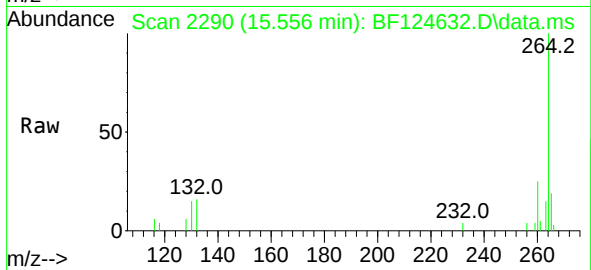
Tgt Ion:244 Resp: 37118
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.8 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF124632.D
 Acq: 20 Jul 2021 15:55

Instrument :
 BNA_F
 ClientSampleId :
 20210578-COM-1



Tgt Ion:	264	Resp:	10822
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	19.3	17.2	25.8

