

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
 Data File : BF124603.D
 Acq On : 16 Jul 2021 18:57
 Operator : JU/CG
 Sample : M3029-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVR-CF04-01

Quant Time: Jul 16 23:07:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 07:49:42 2021
 Response via : Initial Calibration

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

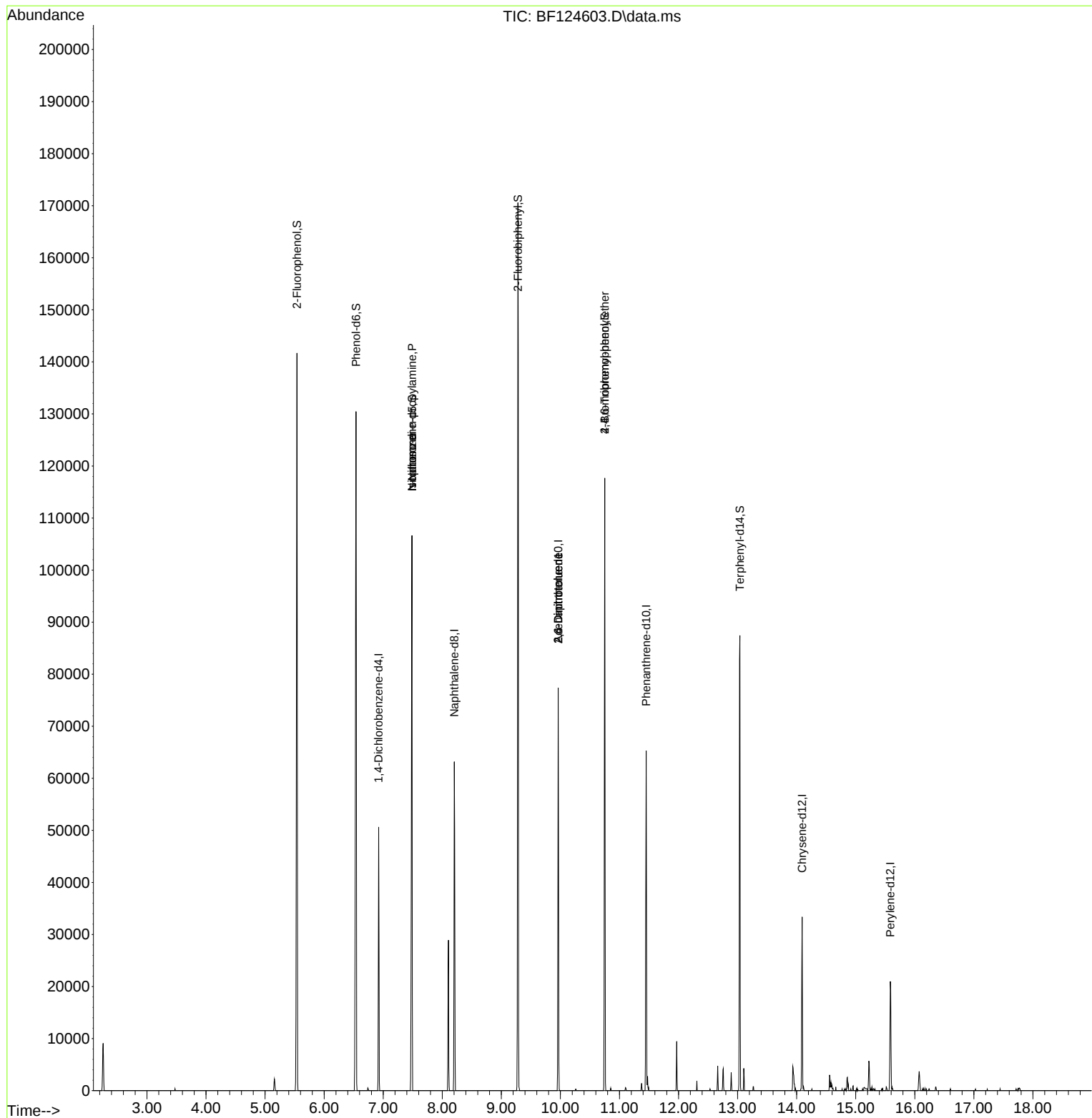
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	7052	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	27822	20.00	ng	0.00
39) Acenaphthene-d10	9.963	164	14986	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	23385	20.00	ng	# 0.00
76) Chrysene-d12	14.092	240	11929	20.00	ng	0.00
86) Perylene-d12	15.586	264	10834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	39896	98.02	ng	0.00
7) Phenol-d6	6.540	99	46972	94.86	ng	0.00
23) Nitrobenzene-d5	7.487	82	30007	68.08	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	9634	82.61	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	52258	50.85	ng	0.00
79) Terphenyl-d14	13.039	244	30781	43.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	4051	14.55	ng	# 70
25) Isophorone	7.487	82	30006	37.09	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1744	8.48	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1744	6.20	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	752	3.11	ng	# 1

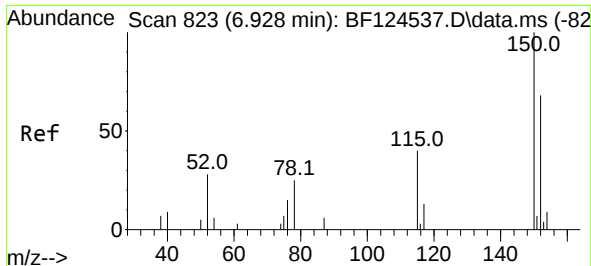
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
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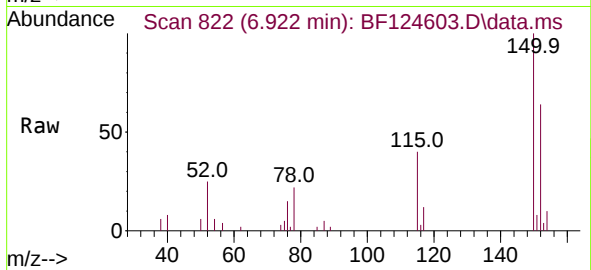
Quant Time: Jul 16 23:07:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
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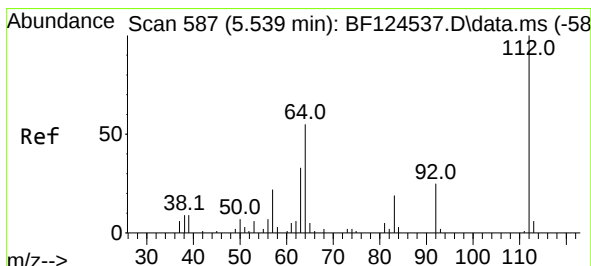
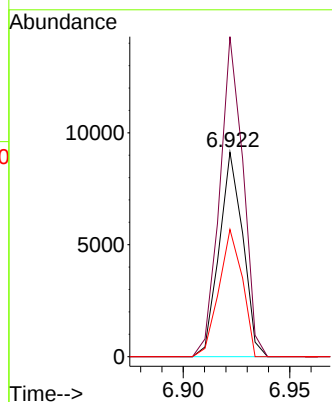
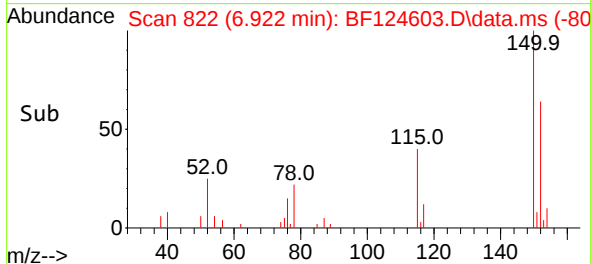


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

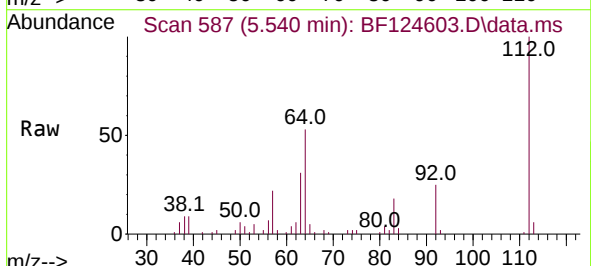
Instrument :
BNA_F
ClientSampleId :
RVR-CF04-01



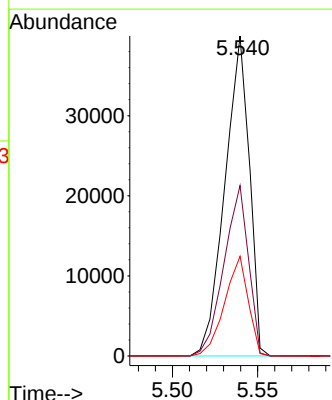
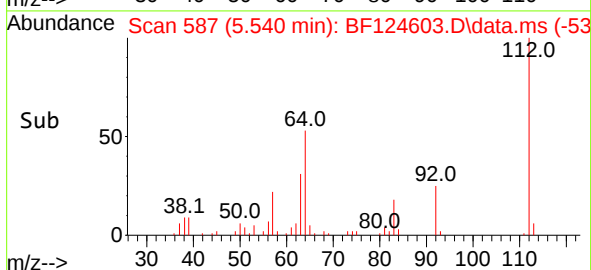
Tgt Ion:152 Resp: 7052
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 62.2 47.1 70.7

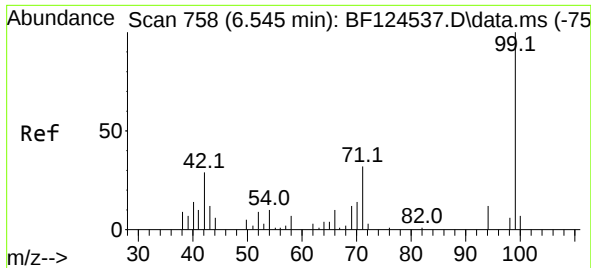


#5
2-Fluorophenol
Concen: 98.02 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.001 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57



Tgt Ion:112 Resp: 39896
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 31.1 26.2 39.2

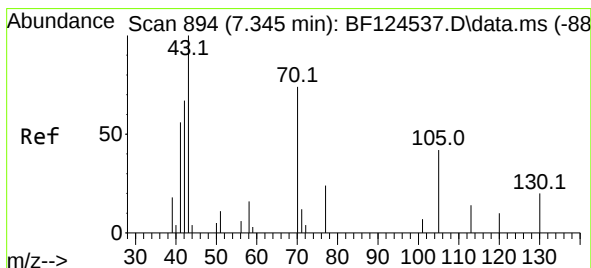
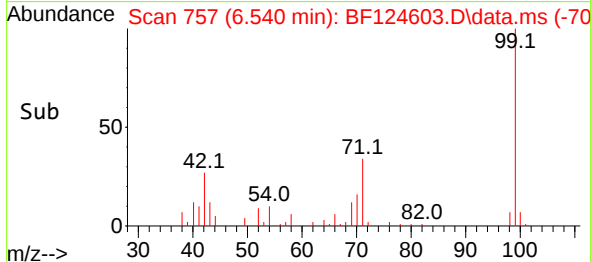
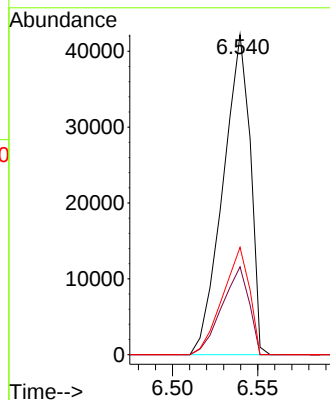
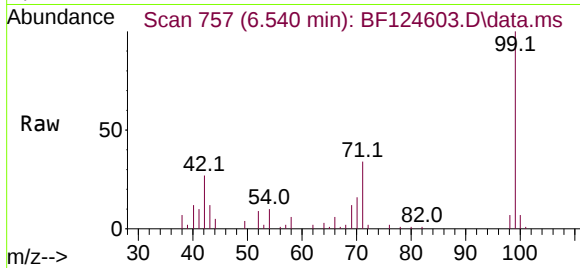




#7
Phenol-d6
Concen: 94.86 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.005 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

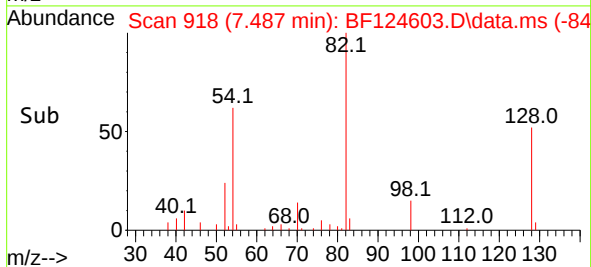
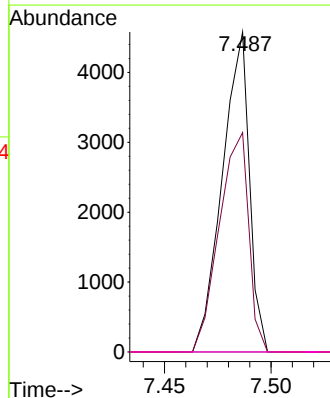
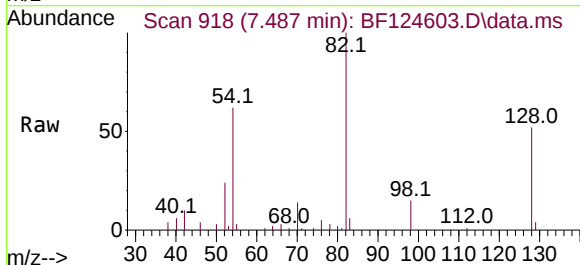
Instrument :
BNA_F
ClientSampleId :
RVR-CF04-01

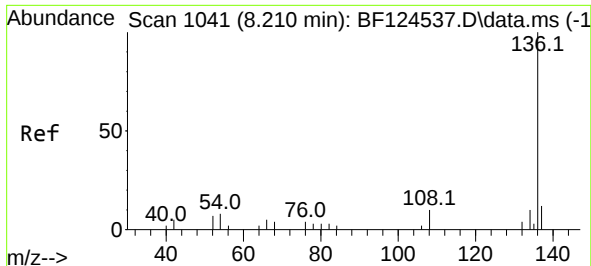
Tgt Ion: 99 Resp: 46972
Ion Ratio Lower Upper
99 100
42 27.4 23.5 35.3
71 33.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.55 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion: 70 Resp: 4051
Ion Ratio Lower Upper
70 100
42 68.6 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

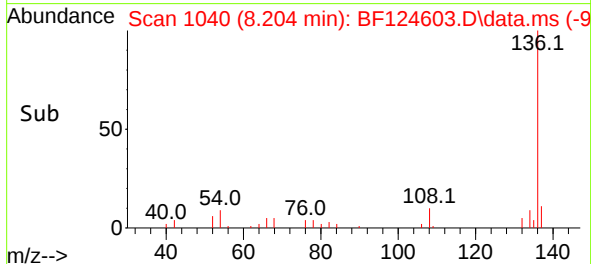
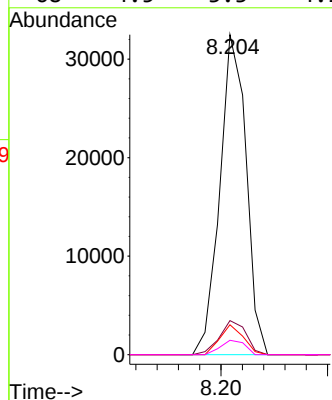
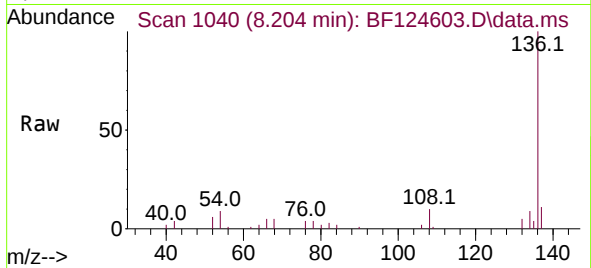




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

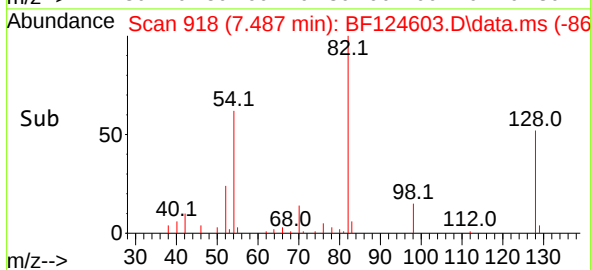
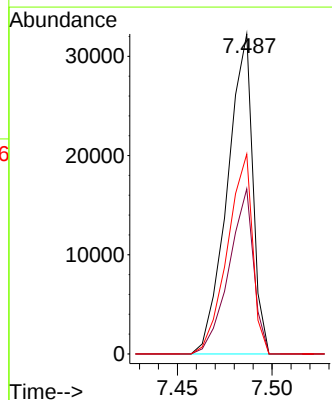
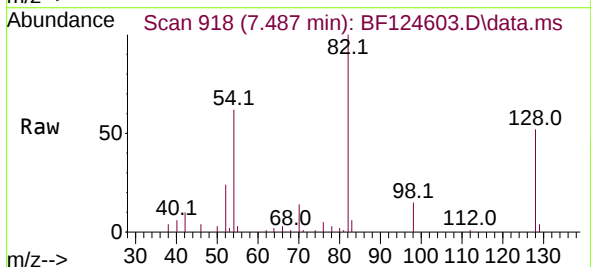
Instrument :
BNA_F
ClientSampleId :
RVR-CF04-01

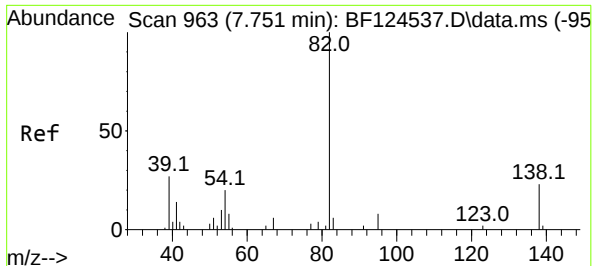
Tgt Ion:136	Resp:	27822
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.8 14.6
54	9.4	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 68.08 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion: 82	Resp:	30007
Ion Ratio	Lower	Upper
82	100	
128	51.6	40.6 60.8
54	62.5	49.6 74.4

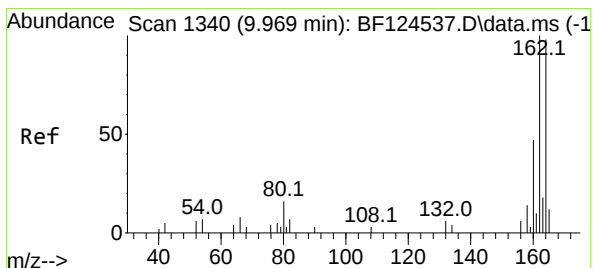
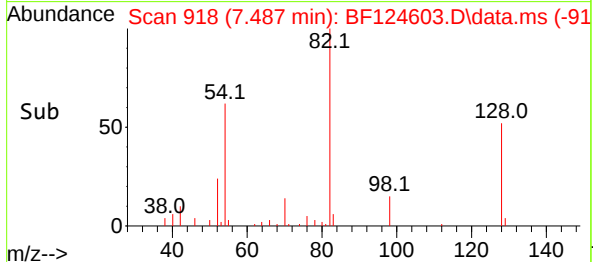
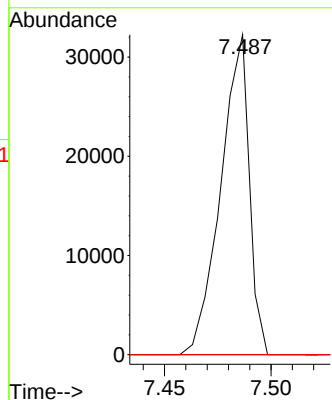
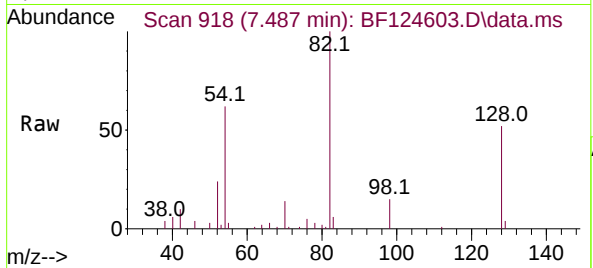




#25
Isophorone
Concen: 37.09 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.264 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

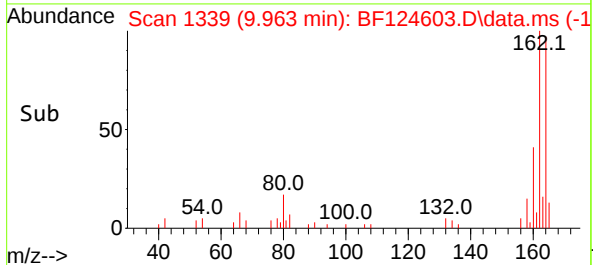
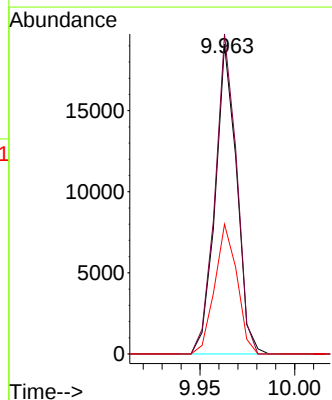
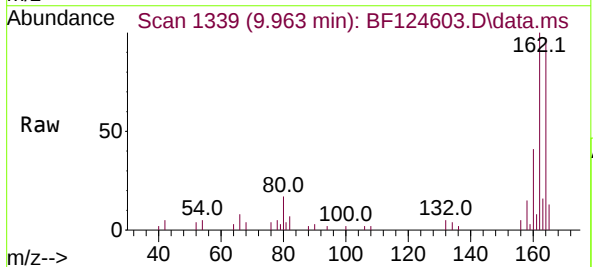
Instrument :
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ClientSampleId :
RVR-CF04-01

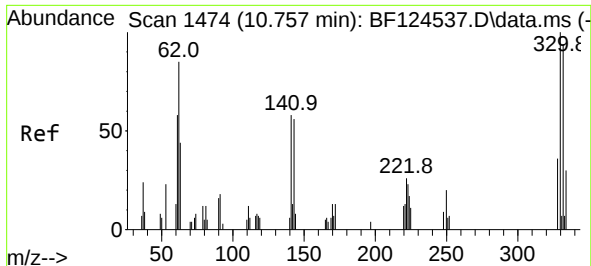
Tgt Ion: 82 Resp: 30006
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion: 164 Resp: 14986
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 41.9 38.0 57.0

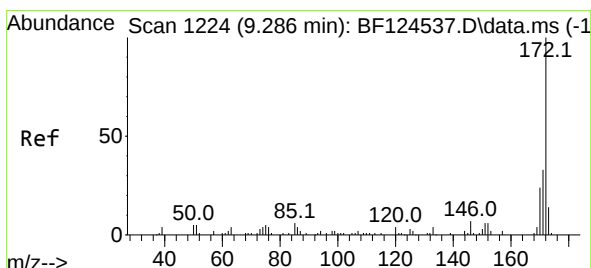
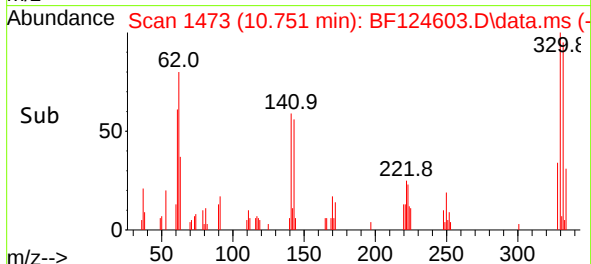
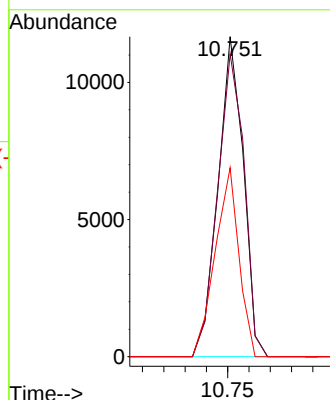
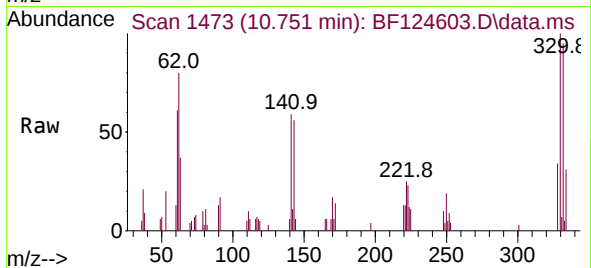




#42
2,4,6-Tribromophenol
Concen: 82.61 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

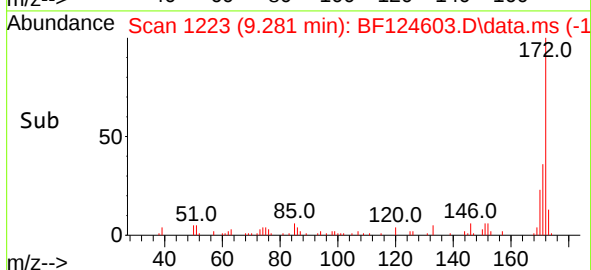
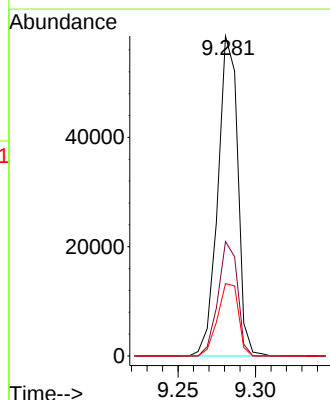
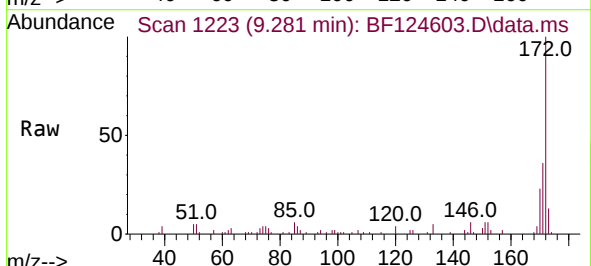
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ClientSampleId :
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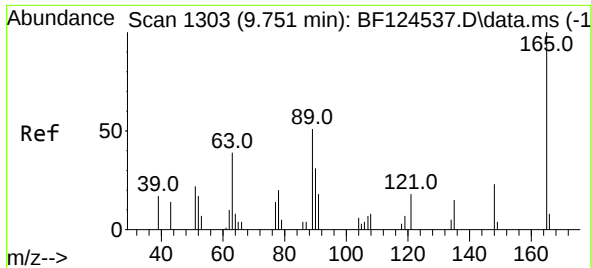
Tgt Ion: 330 Resp: 9634
Ion Ratio Lower Upper
330 100
332 99.3 76.2 114.4
141 55.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 50.85 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.005 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion: 172 Resp: 52258
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 22.6 18.8 28.2

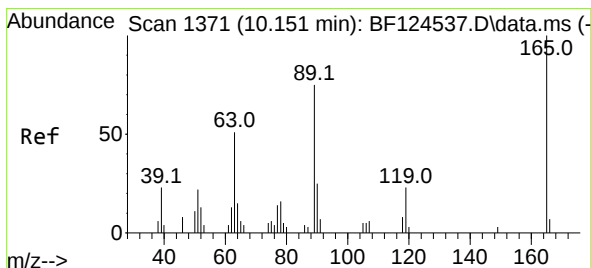
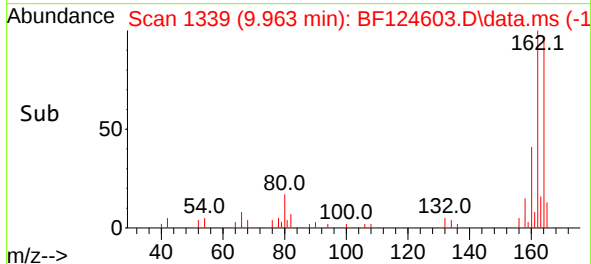
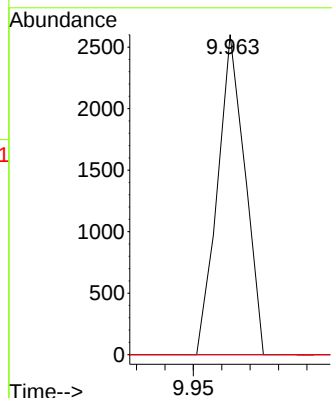
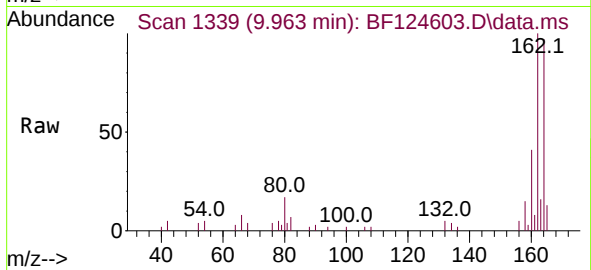




#51
2,6-Dinitrotoluene
Concen: 8.48 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

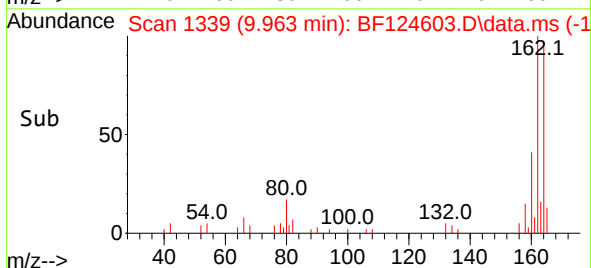
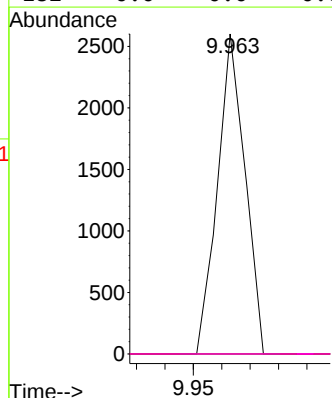
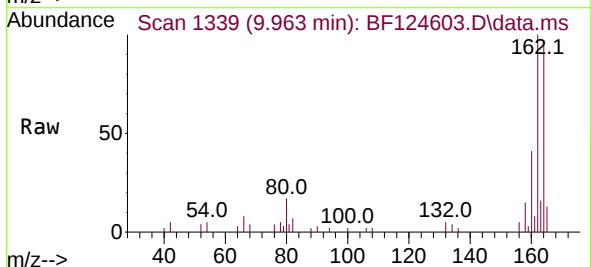
Instrument :
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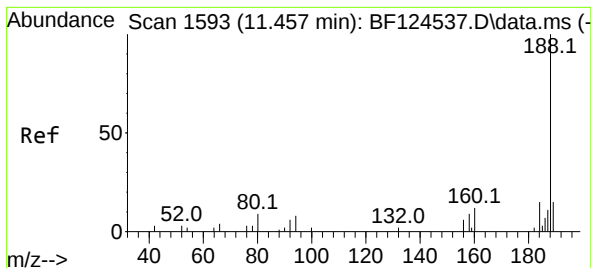
Tgt Ion:165 Resp: 1744
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion:165 Resp: 1744
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

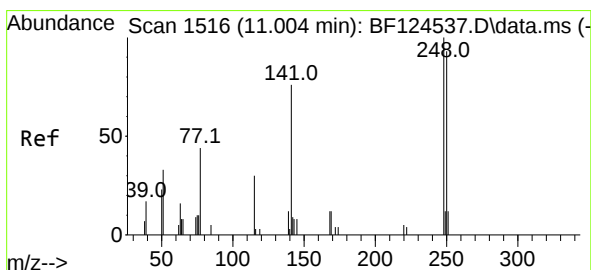
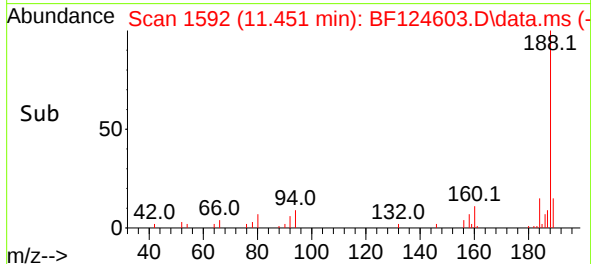
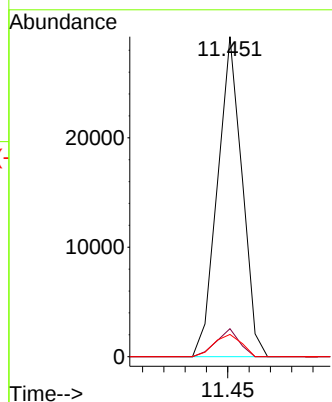
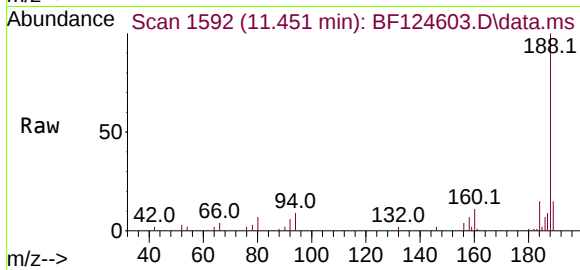




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

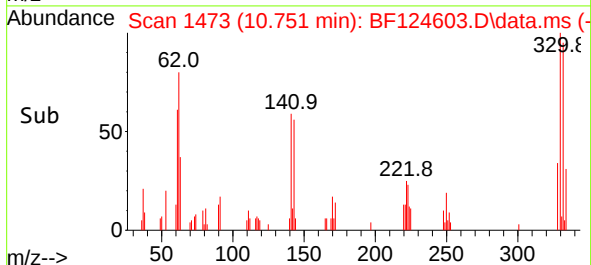
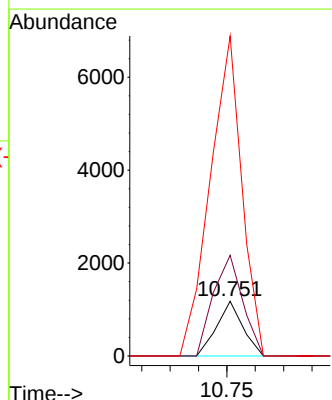
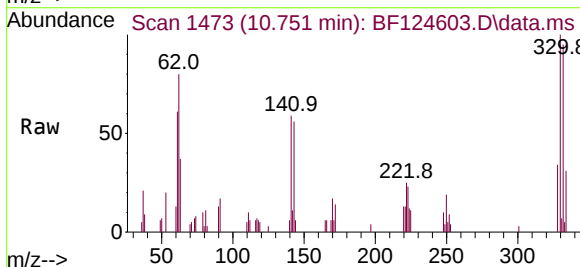
Instrument :
BNA_F
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RVR-CF04-01

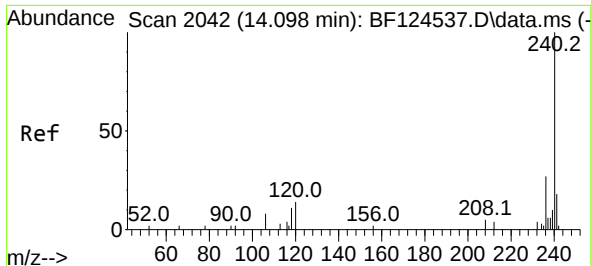
Tgt Ion:188 Resp: 23385
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 7.0 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.253 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion:248 Resp: 752
Ion Ratio Lower Upper
248 100
250 184.2 74.2 111.4#
141 585.3 60.4 90.6#

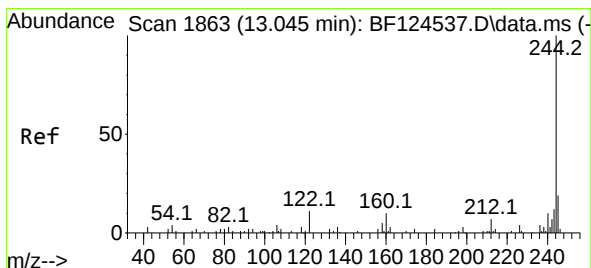
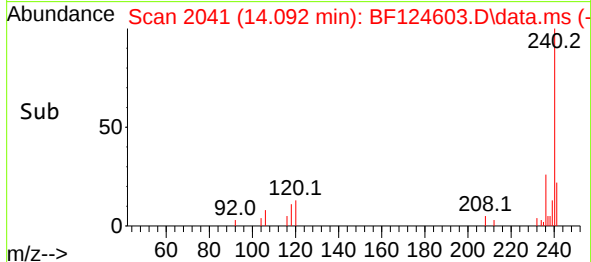
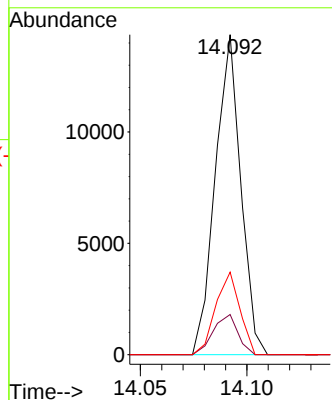
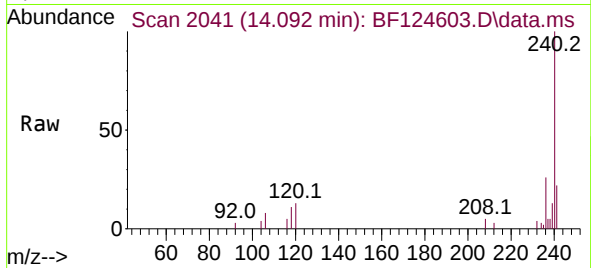




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

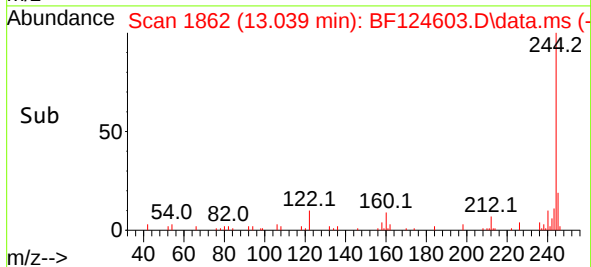
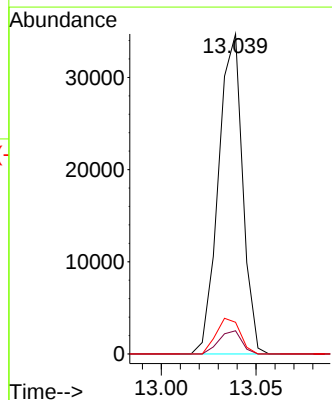
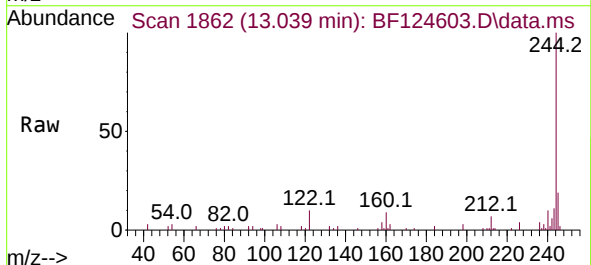
Instrument :
BNA_F
ClientSampleId :
RVR-CF04-01

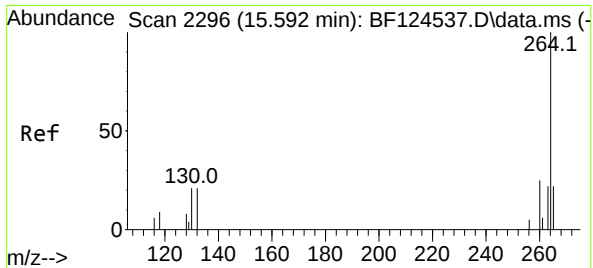
Tgt Ion:240 Resp: 11929
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 43.33 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Tgt Ion:244 Resp: 30781
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.9 9.0 13.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF124603.D
Acq: 16 Jul 2021 18:57

Instrument :
BNA_F
ClientSampleId :
RVR-CF04-01

Tgt Ion:264	Resp:	10834
Ion Ratio	Lower	Upper
264	100	
260	22.5	19.6 29.4
265	22.5	17.2 25.8

