

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124681.D
 Acq On : 22 Jul 2021 1:43
 Operator : JU/CG
 Sample : M3076-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210587-AMENDED-COM-1

Quant Time: Jul 22 02:16:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

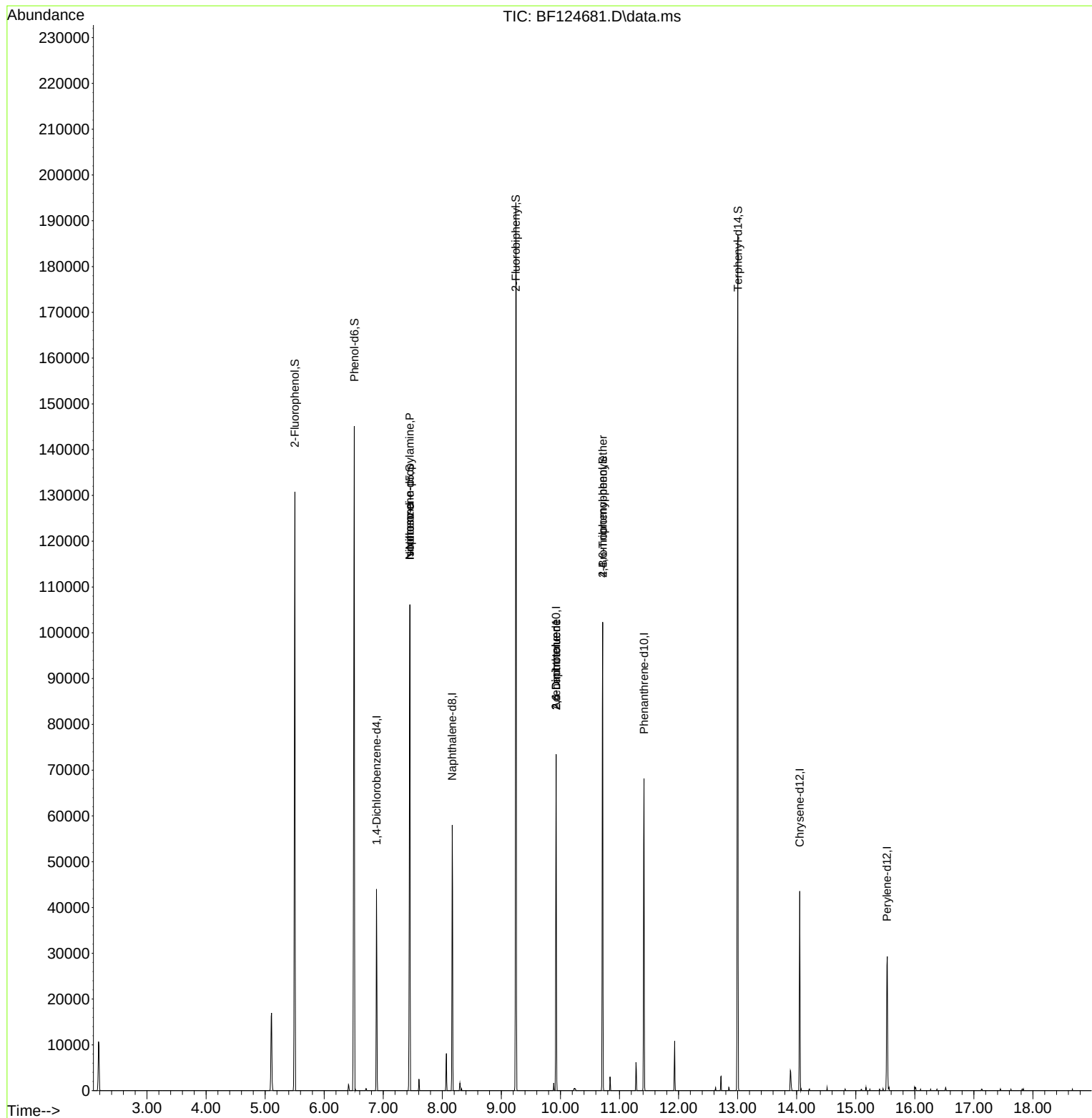
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	6176	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	25375	20.00	ng	0.00
39) Acenaphthene-d10	9.928	164	14121	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	24600	20.00	ng	0.00
76) Chrysene-d12	14.051	240	15403	20.00	ng	#-0.01
86) Perylene-d12	15.527	264	15399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	34327	96.30	ng	0.00
7) Phenol-d6	6.510	99	47495	109.53	ng	-0.01
23) Nitrobenzene-d5	7.451	82	30346	75.49	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	9342	85.01	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	63075	65.14	ng	-0.01
79) Terphenyl-d14	13.004	244	61849	67.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	3956	16.23	ng	# 66
25) Isophorone	7.451	82	30345	41.12	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1783	9.21	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1783	6.72	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	695	2.73	ng	# 1

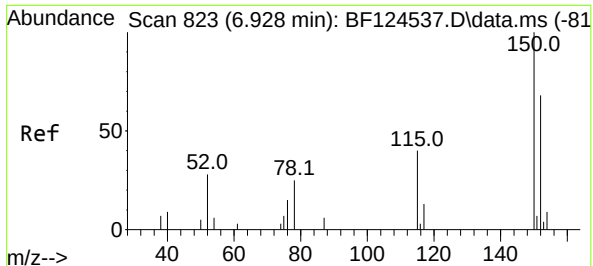
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

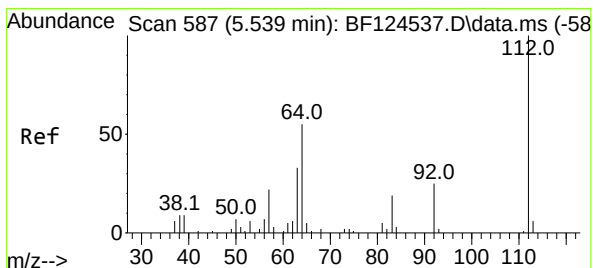
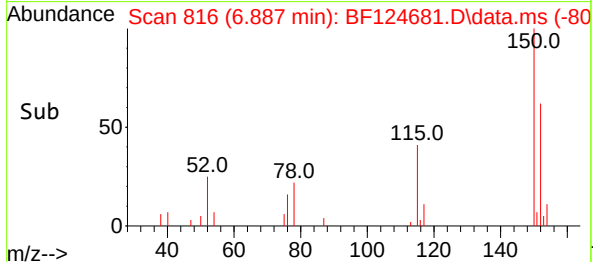
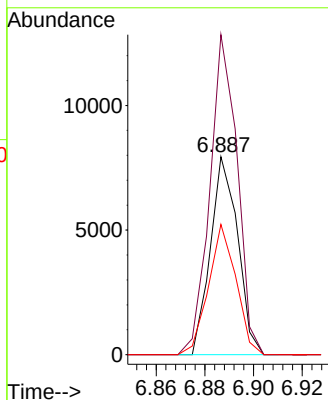
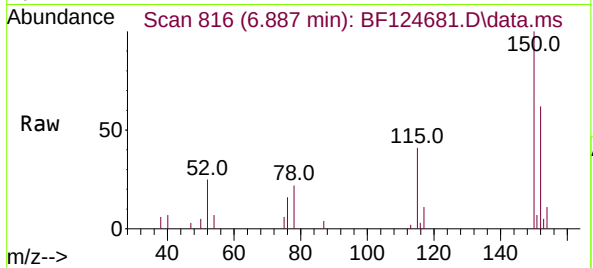




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

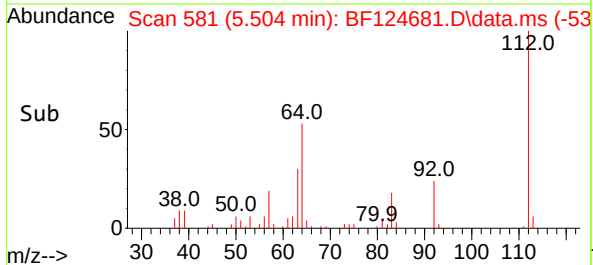
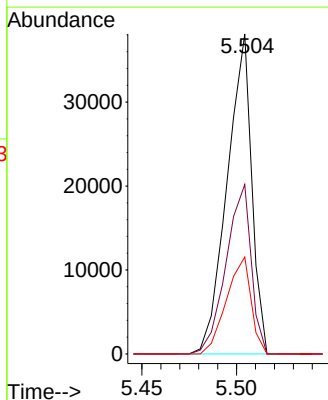
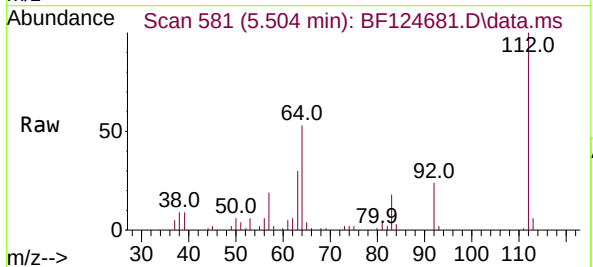
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1

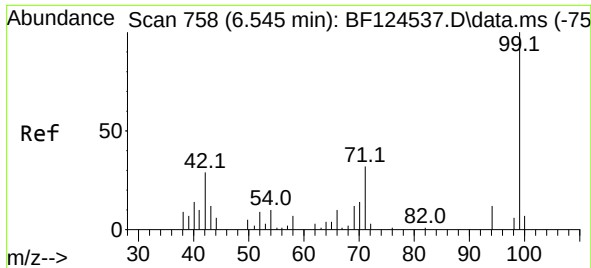
Tgt Ion:152 Resp: 6176
Ion Ratio Lower Upper
152 100
150 161.6 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 96.30 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:112 Resp: 34327
Ion Ratio Lower Upper
112 100
64 53.0 44.2 66.2
63 30.3 26.2 39.2

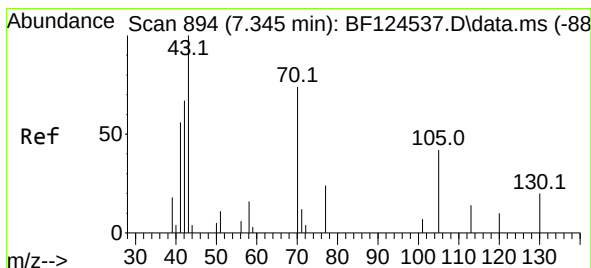
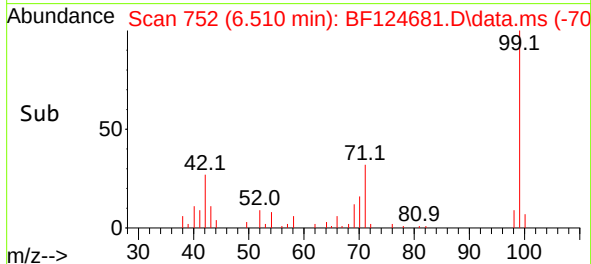
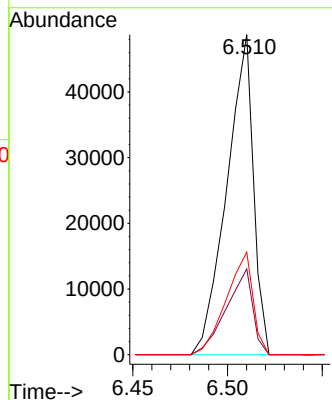
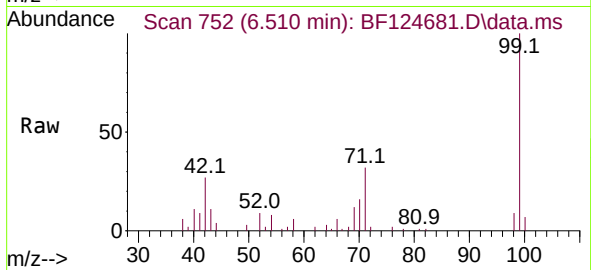




#7
Phenol-d6
Concen: 109.53 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

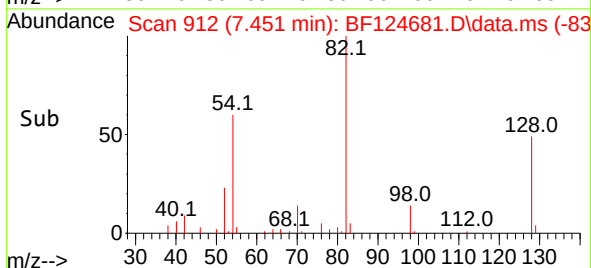
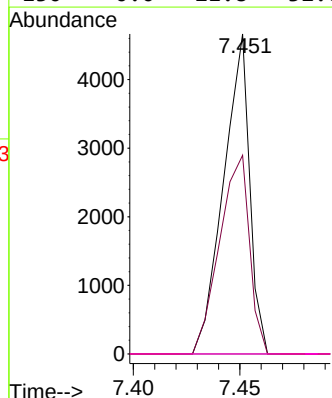
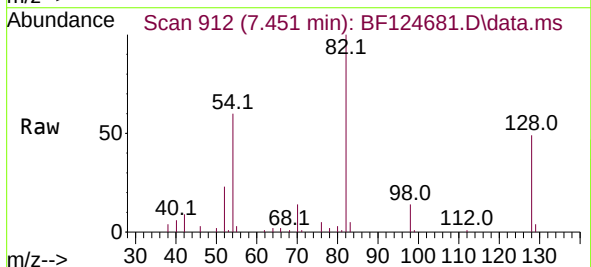
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1

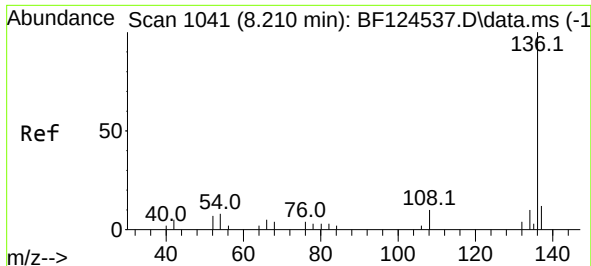
Tgt Ion:	99	Resp:	47495
Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.5	35.3
71	32.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.23 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:	70	Resp:	3956
Ion	Ratio	Lower	Upper
70	100		
42	62.1	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

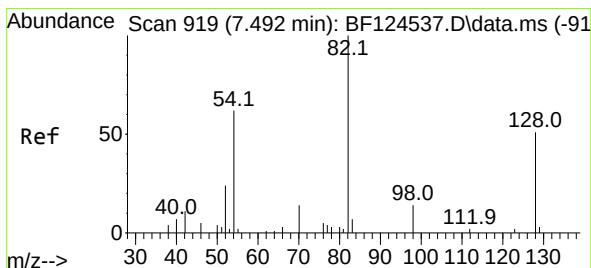
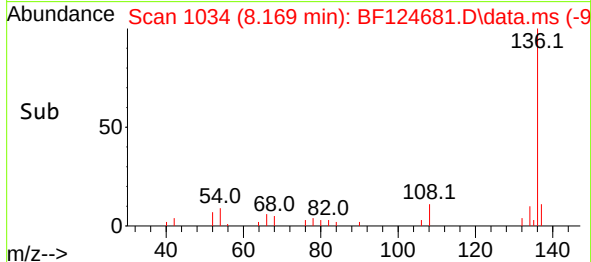
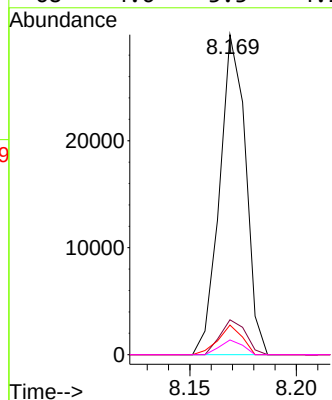
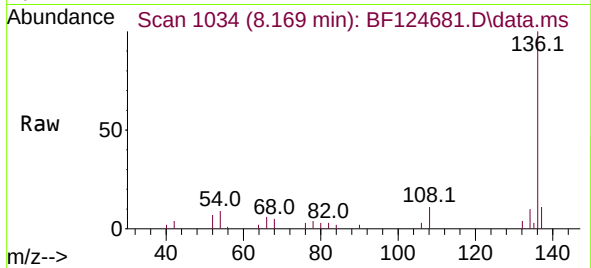




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

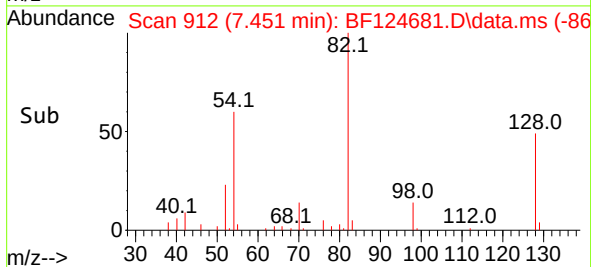
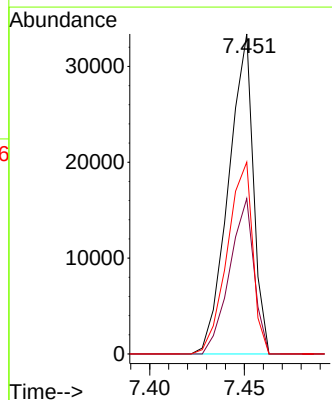
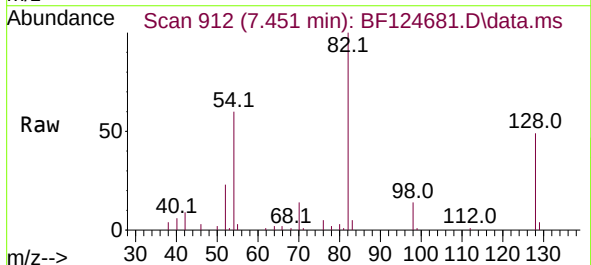
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1

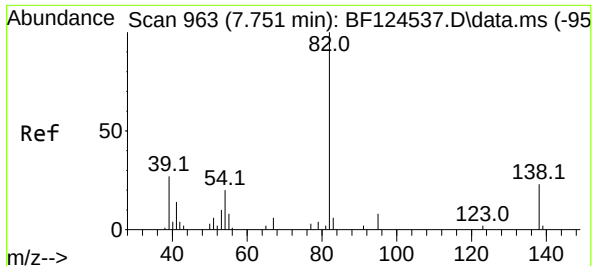
Tgt Ion:	136	Resp:	25375
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.6
54	9.3	6.4	9.6
68	4.6	3.3	4.9



#23
Nitrobenzene-d5
Concen: 75.49 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:	82	Resp:	30346
Ion Ratio	Lower	Upper	
82	100		
128	48.6	40.6	60.8
54	59.9	49.6	74.4

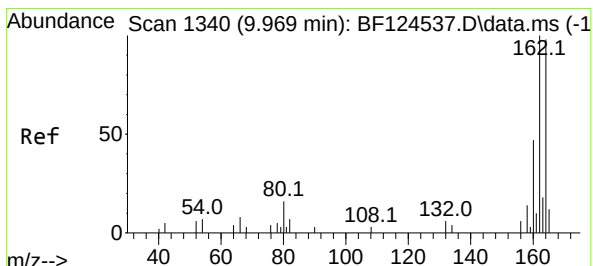
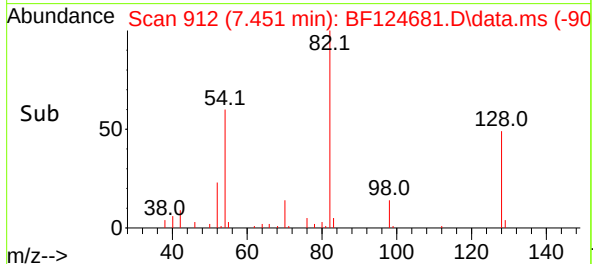
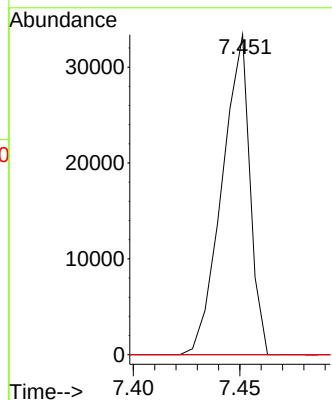
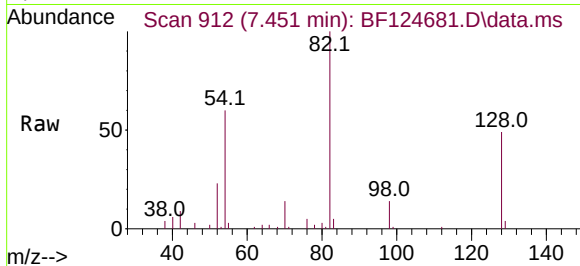




#25
Isophorone
Concen: 41.12 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

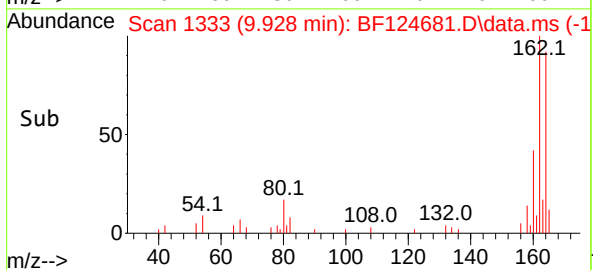
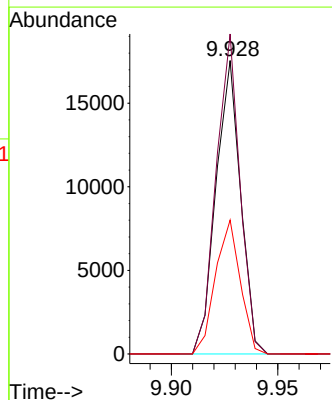
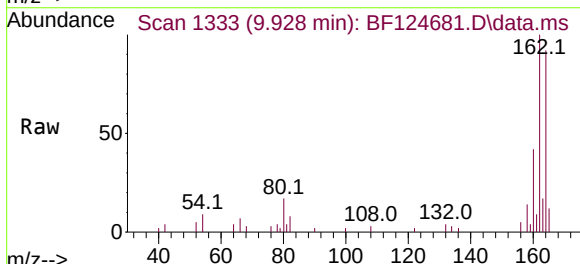
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BNA_F
ClientSampleId :
20210587-AMENDED-COM-1

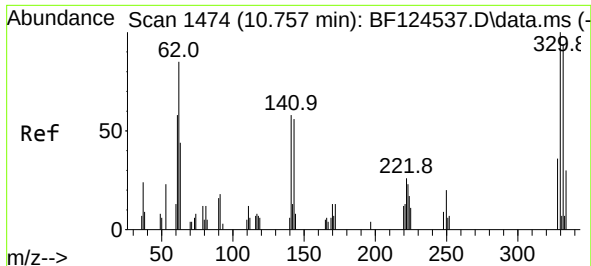
Tgt Ion: 82 Resp: 30345
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion: 164 Resp: 14121
Ion Ratio Lower Upper
164 100
162 109.1 81.3 121.9
160 45.6 38.0 57.0

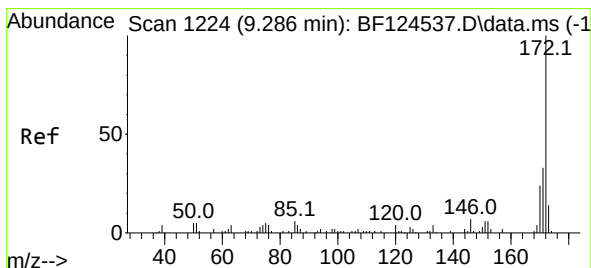
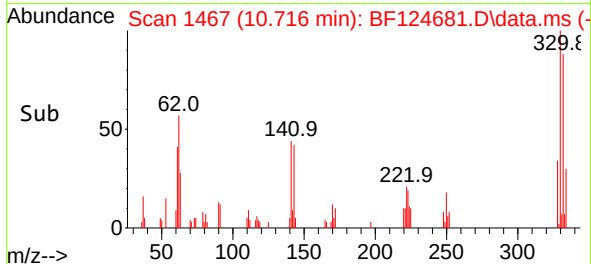
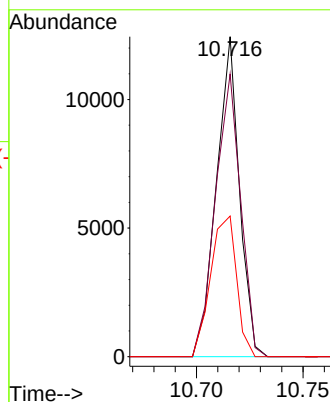
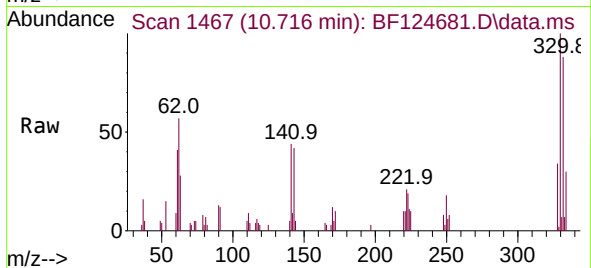




#42
2,4,6-Tribromophenol
Concen: 85.01 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

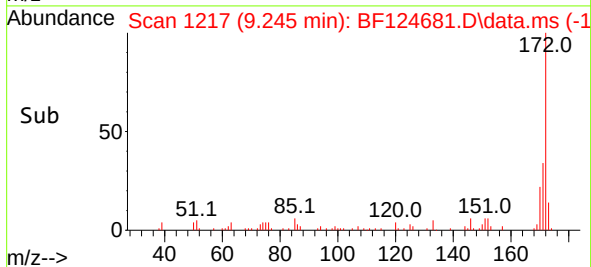
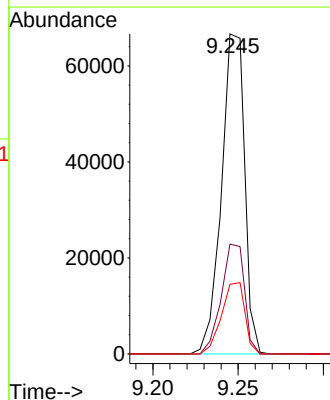
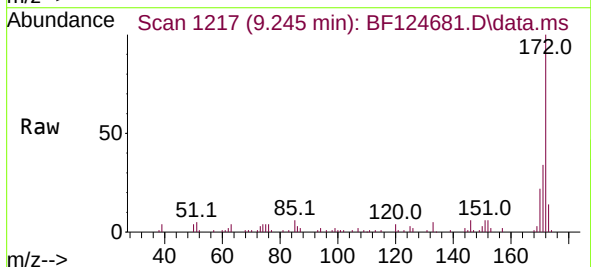
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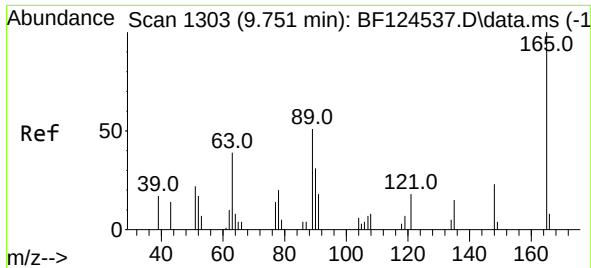
Tgt Ion: 330 Resp: 9342
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 49.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 65.14 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion: 172 Resp: 63075
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 21.8 18.8 28.2

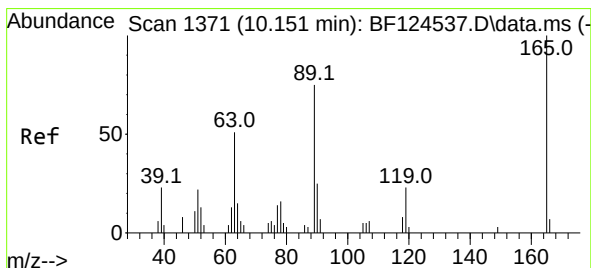
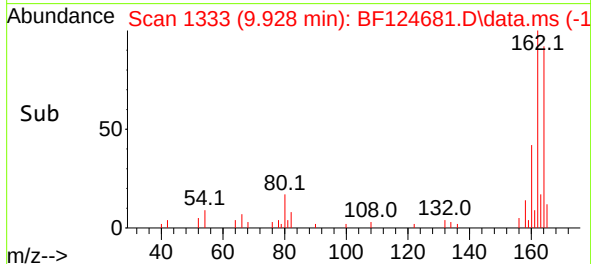
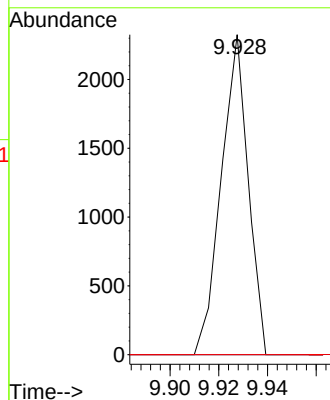
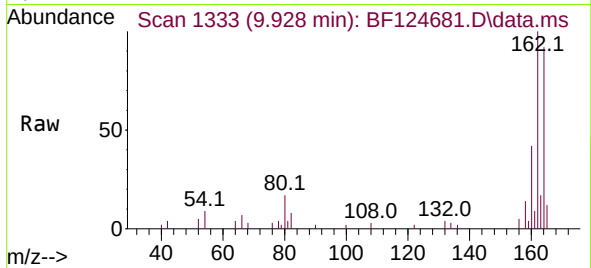




#51
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

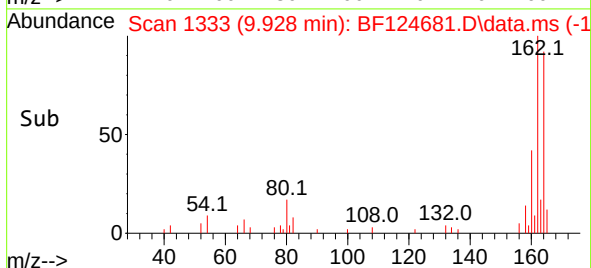
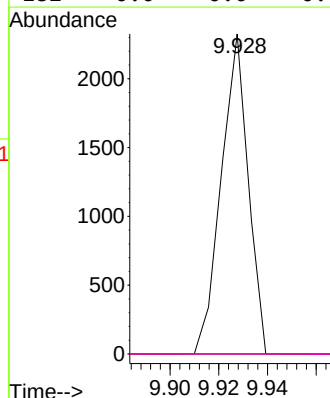
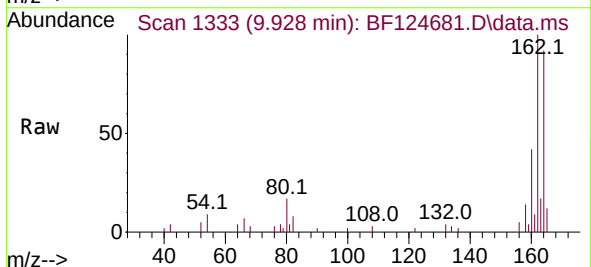
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20210587-AMENDED-COM-1

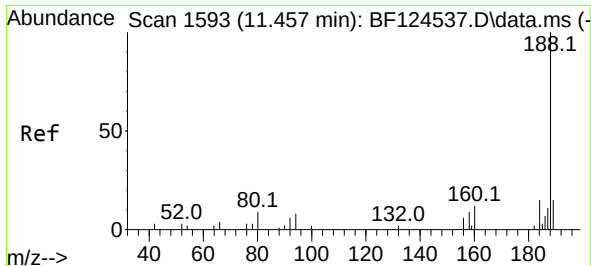
Tgt Ion:165 Resp: 1783
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:165 Resp: 1783
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

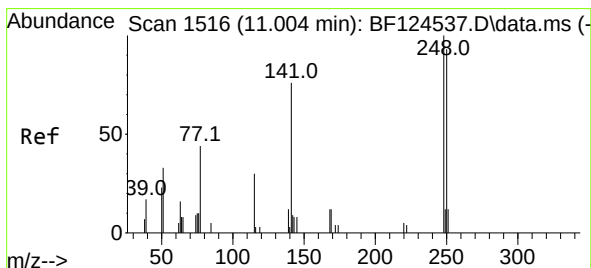
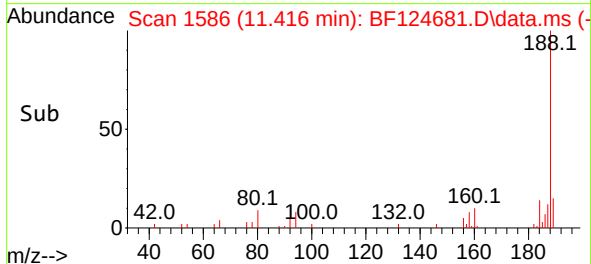
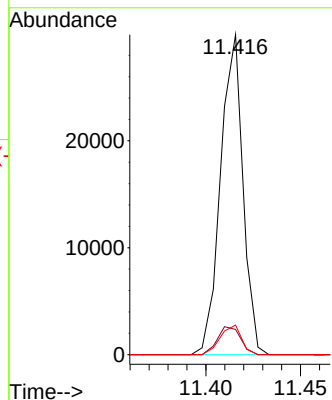
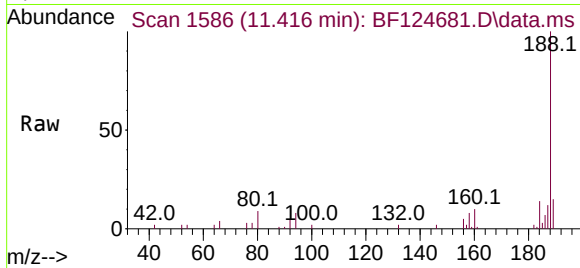




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

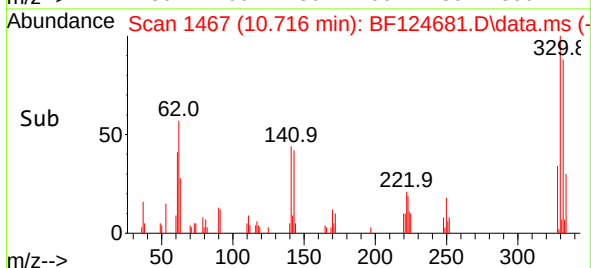
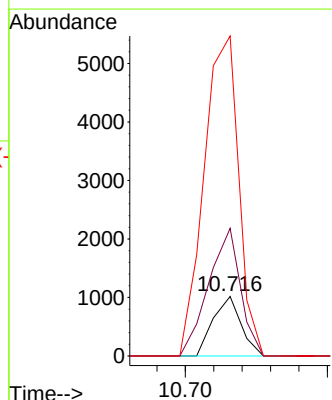
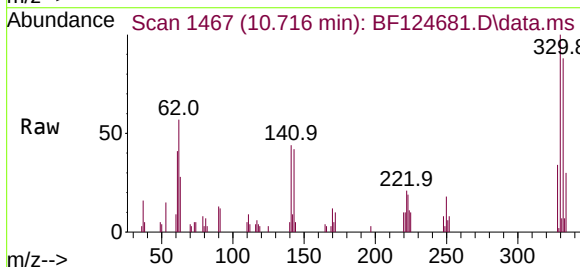
Instrument :
BNA_F
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20210587-AMENDED-COM-1

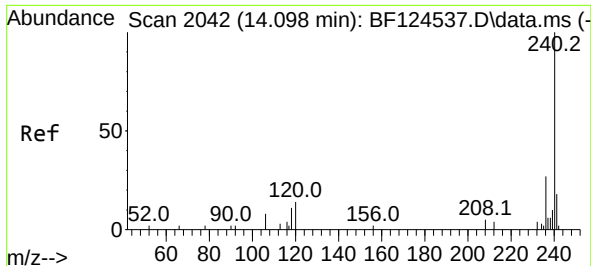
Tgt Ion:188 Resp: 24600
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.73 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:248 Resp: 695
Ion Ratio Lower Upper
248 100
250 214.5 74.2 111.4#
141 537.3 60.4 90.6#

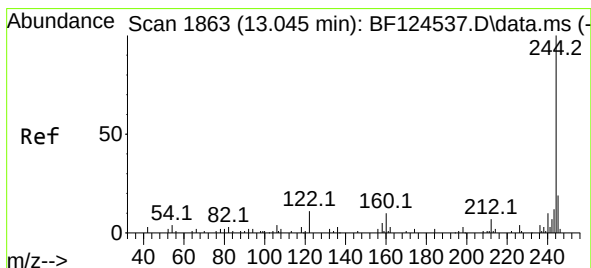
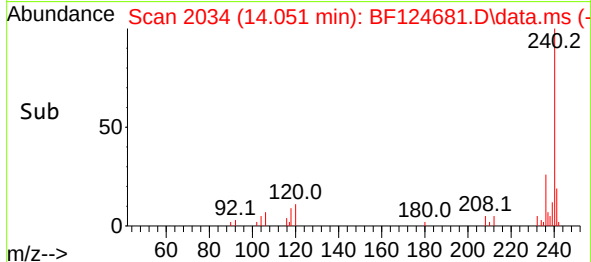
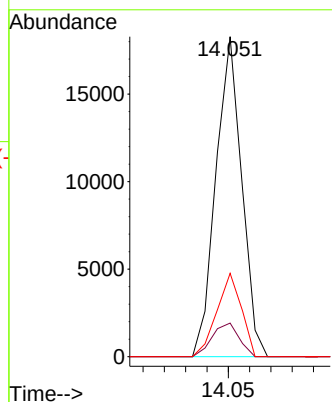
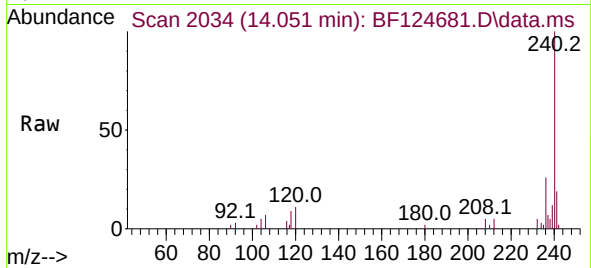




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

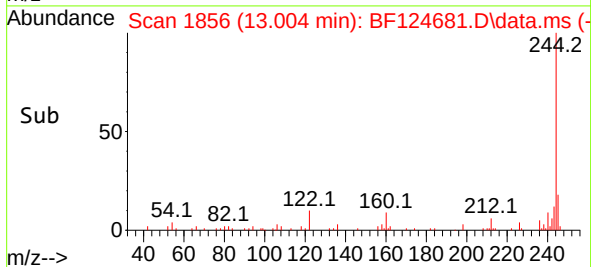
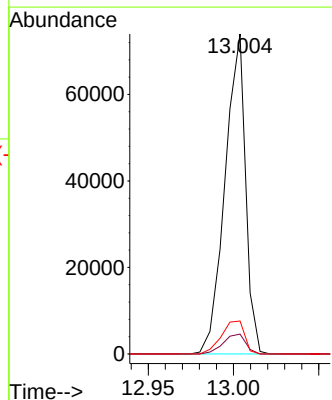
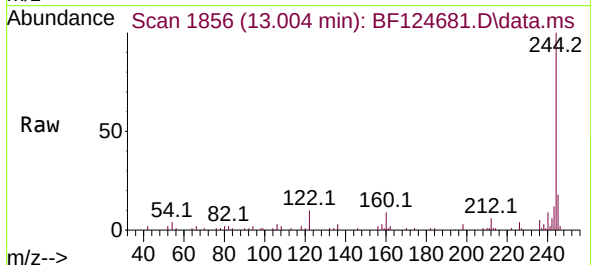
Instrument :
BNA_F
ClientSampleId :
20210587-AMENDED-COM-1

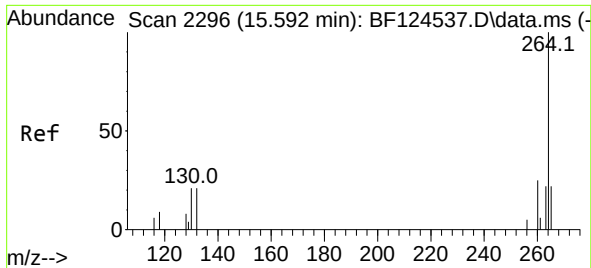
Tgt Ion:240 Resp: 15403
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 67.43 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124681.D
Acq: 22 Jul 2021 1:43

Tgt Ion:244 Resp: 61849
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 10.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF124681.D
 Acq: 22 Jul 2021 1:43

Instrument :
 BNA_F
 ClientSampleId :
 20210587-AMENDED-COM-1

Tgt Ion:264	Resp:	15399
Ion Ratio	Lower	Upper
264	100	
260	19.6	19.6 29.4
265	19.9	17.2 25.8

