

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124680.D
 Acq On : 22 Jul 2021 1:11
 Operator : JU/CG
 Sample : M3076-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210534-COM-7

Quant Time: Jul 22 01:54:39 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)

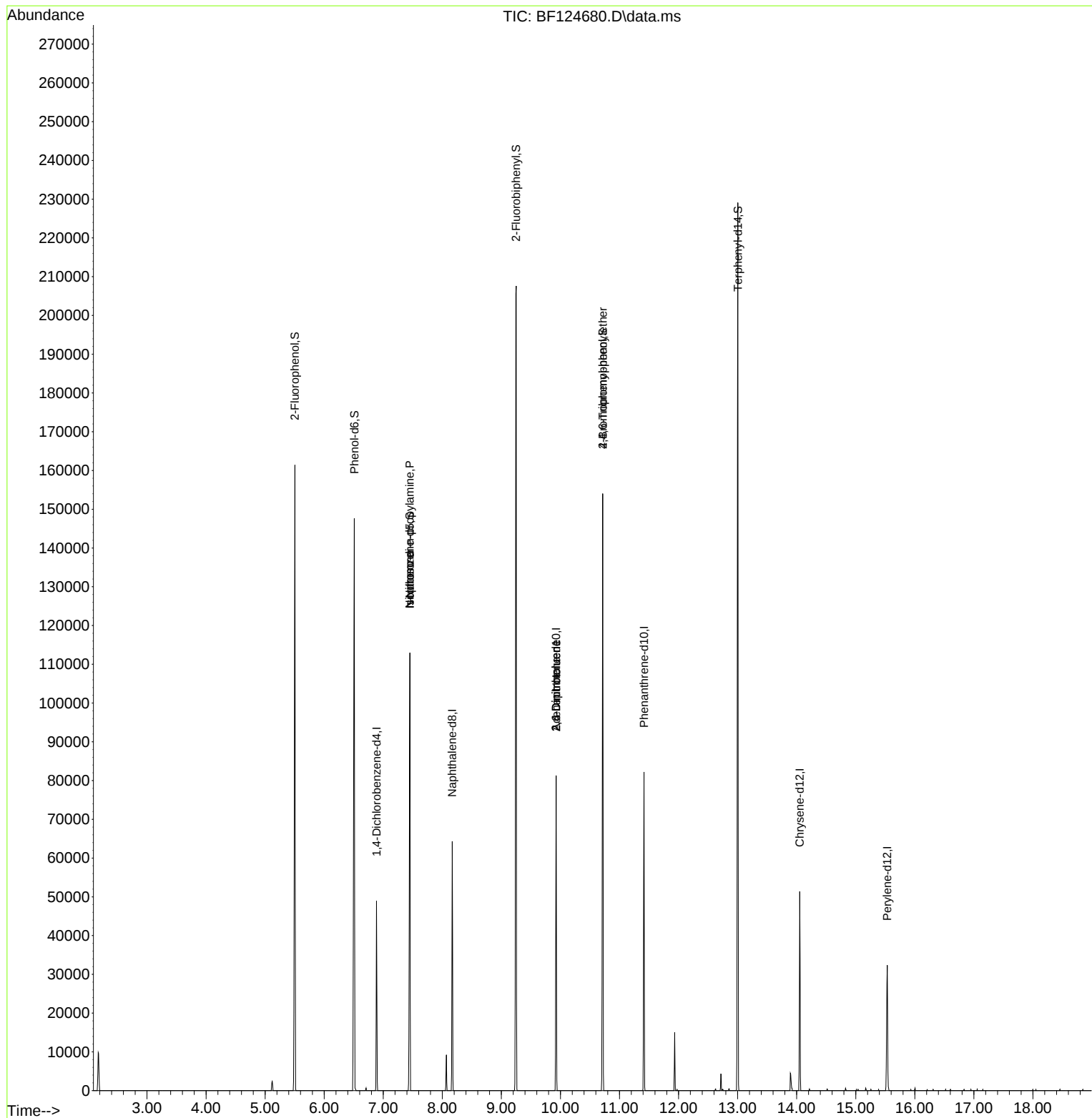
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	6631	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	27032	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	15362	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	28387	20.00	ng	0.00
76) Chrysene-d12	14.051	240	18428	20.00	ng	#-0.01
86) Perylene-d12	15.533	264	16480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	43438	113.50	ng	0.00
7) Phenol-d6	6.510	99	51612	110.85	ng	-0.01
23) Nitrobenzene-d5	7.451	82	32333	75.51	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	14061	117.62	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	70524	66.95	ng	0.00
79) Terphenyl-d14	13.004	244	73707	67.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	4232	16.17	ng	# 70
25) Isophorone	7.451	82	32333	41.13	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	2003	9.51	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	2003	6.94	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1329	4.53	ng	# 1

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

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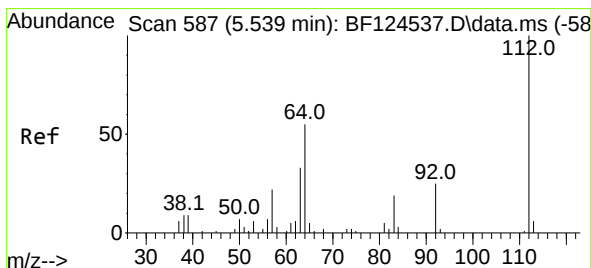
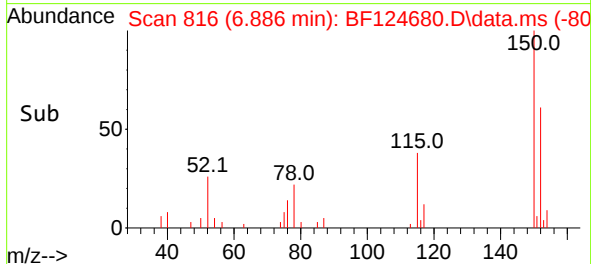
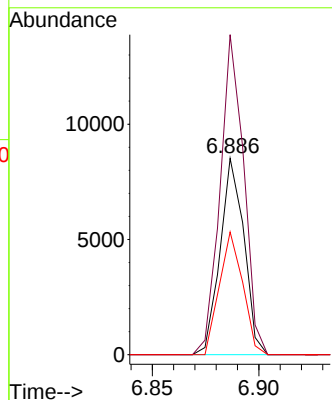
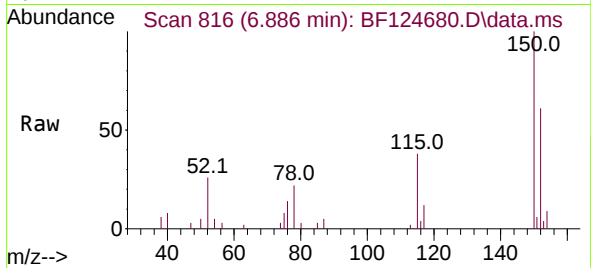




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

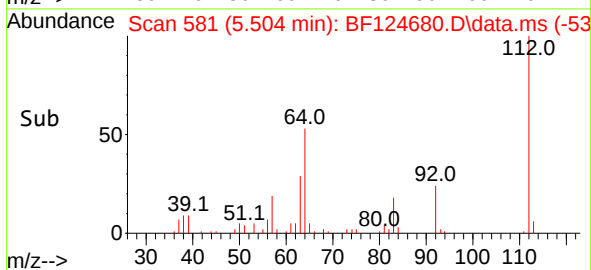
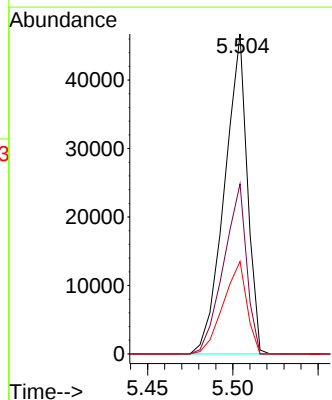
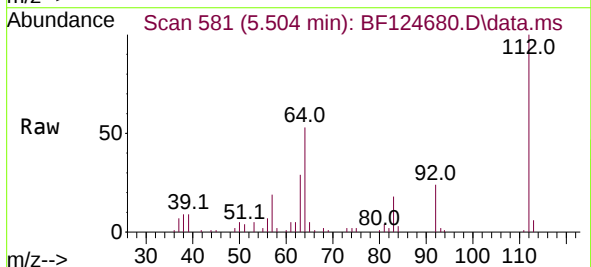
Instrument :
BNA_F
ClientSampleId :
20210534-COM-7

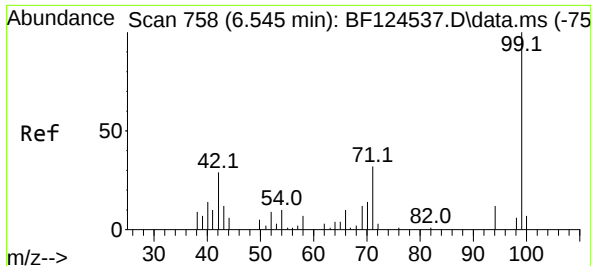
Tgt Ion:152 Resp: 6631
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 62.5 47.1 70.7



#5
2-Fluorophenol
Concen: 113.50 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion:112 Resp: 43438
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 28.9 26.2 39.2

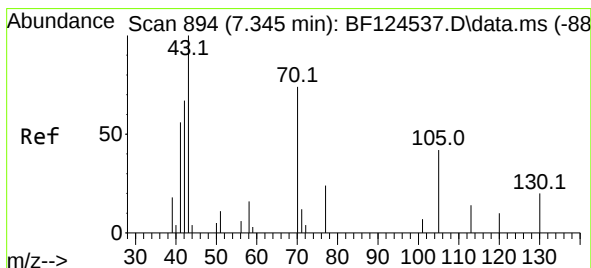
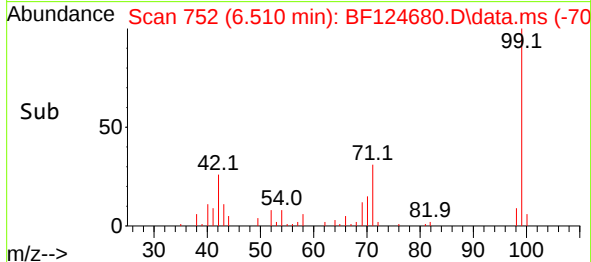
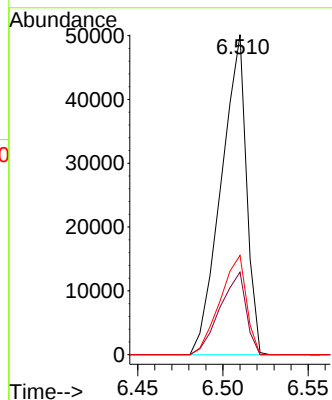
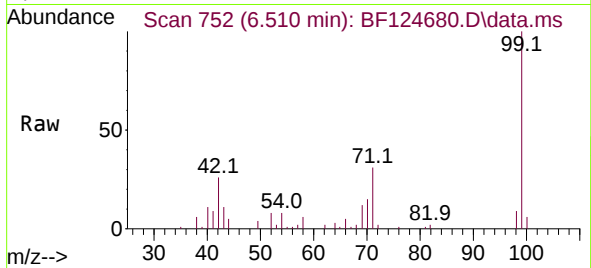




#7
Phenol-d6
Concen: 110.85 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

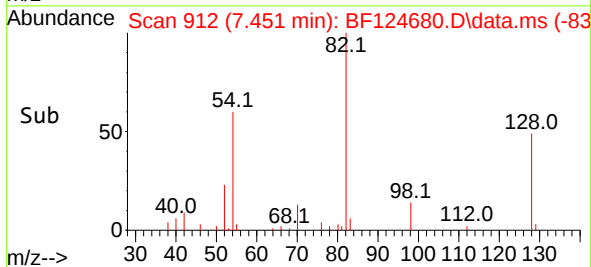
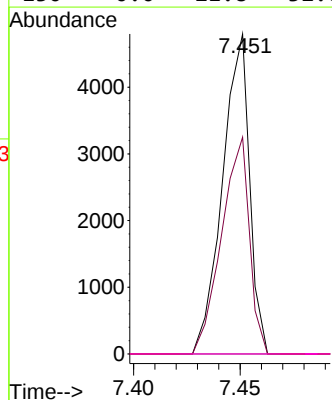
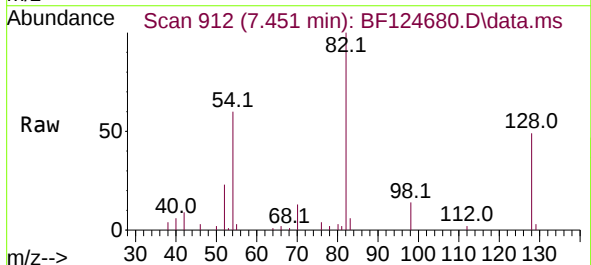
Instrument :
BNA_F
ClientSampleId :
20210534-COM-7

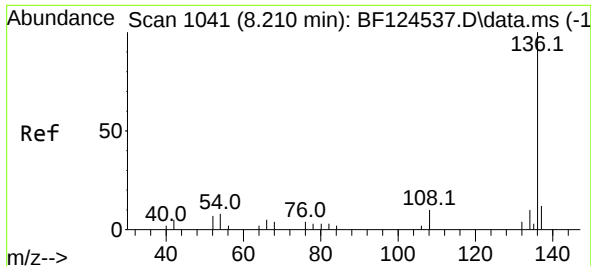
Tgt Ion: 99 Resp: 51612
Ion Ratio Lower Upper
99 100
42 25.8 23.5 35.3
71 31.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.17 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion: 70 Resp: 4232
Ion Ratio Lower Upper
70 100
42 67.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

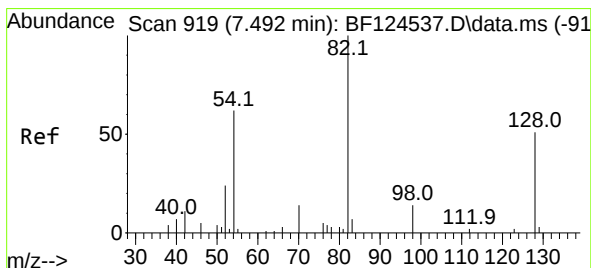
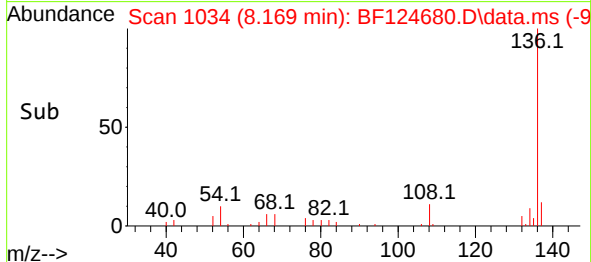
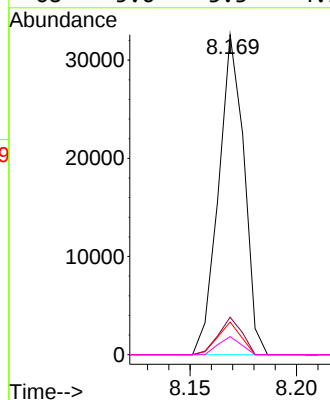
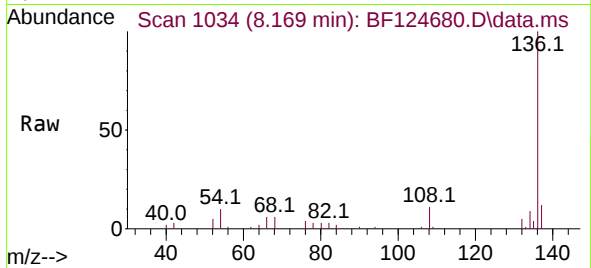




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

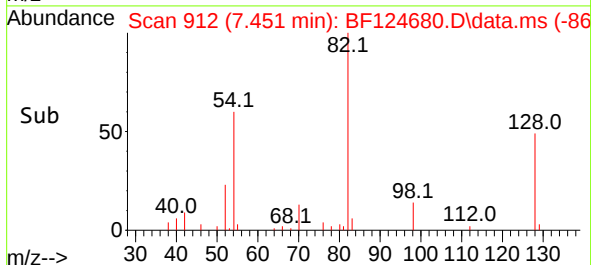
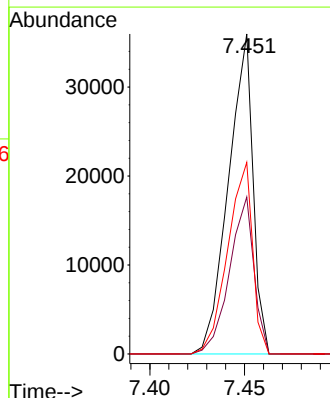
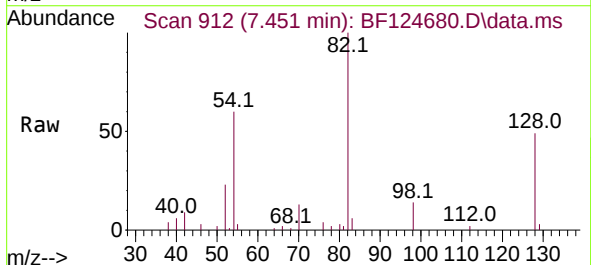
Instrument :
BNA_F
ClientSampleId :
20210534-COM-7

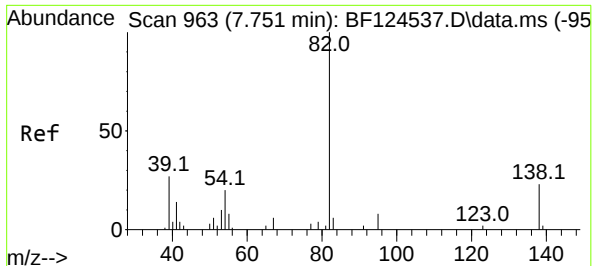
Tgt Ion:136	Resp:	27032
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	10.2	6.4 9.6#
68	5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion: 82	Resp:	32333
Ion Ratio	Lower	Upper
82	100	
128	49.1	40.6 60.8
54	59.9	49.6 74.4

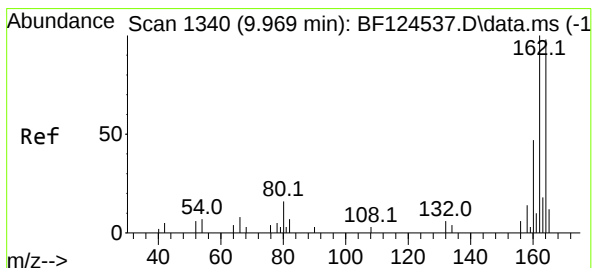
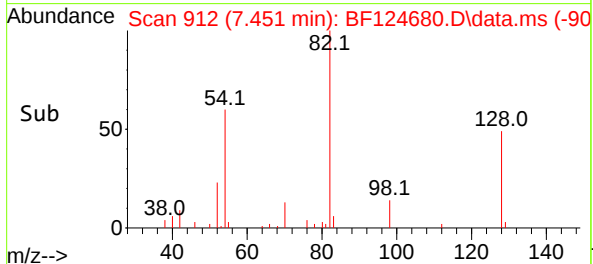
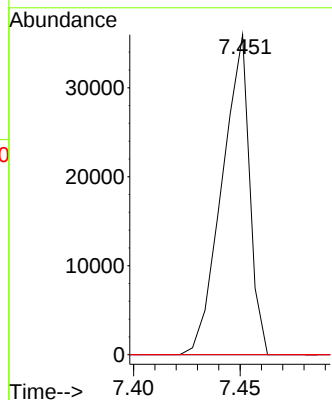
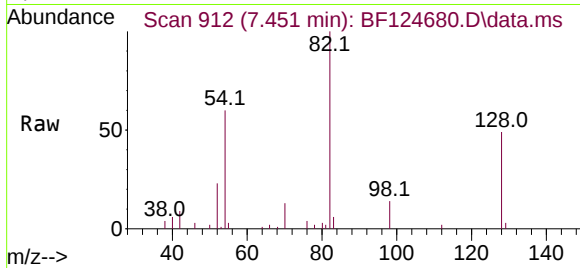




#25
Isophorone
Concen: 41.13 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

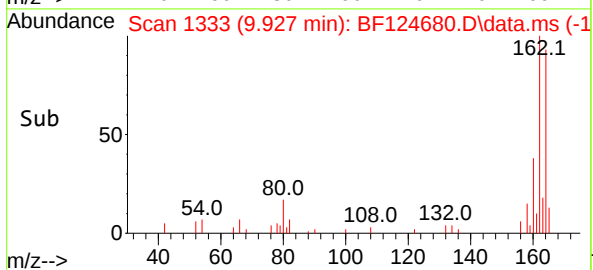
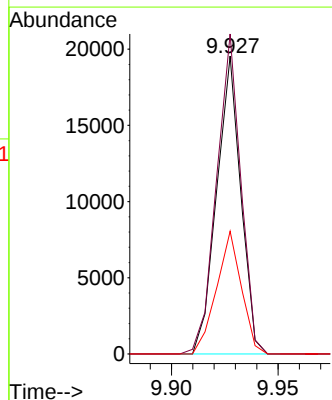
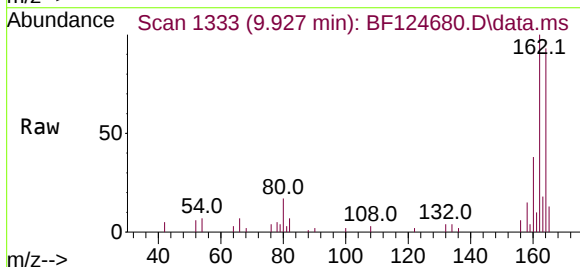
Instrument :
BNA_F
ClientSampleId :
20210534-COM-7

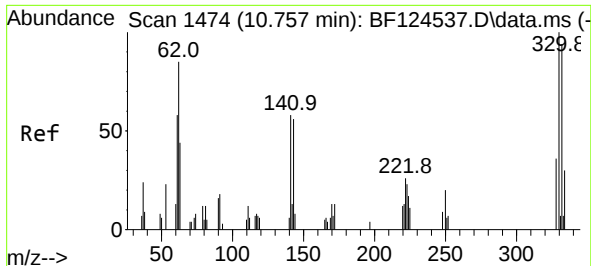
Tgt Ion: 82 Resp: 32333
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion:164 Resp: 15362
Ion Ratio Lower Upper
164 100
162 107.4 81.3 121.9
160 41.2 38.0 57.0

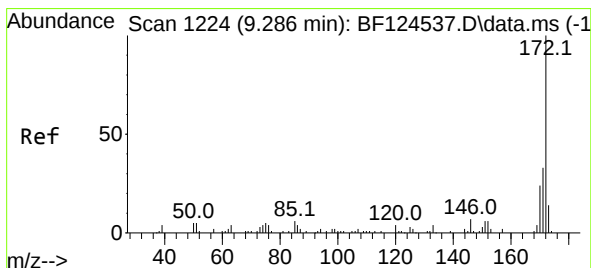
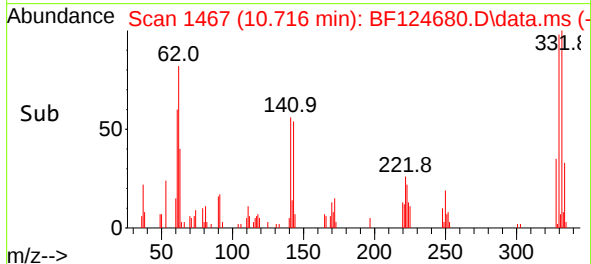
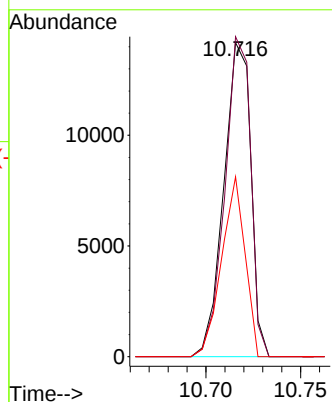
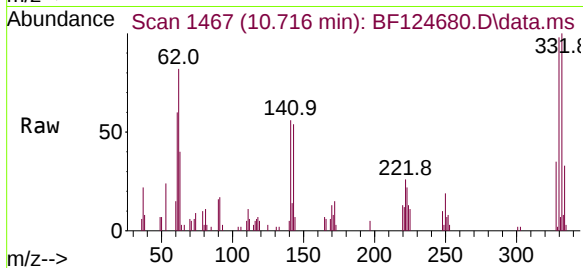




#42
2,4,6-Tribromophenol
Concen: 117.62 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

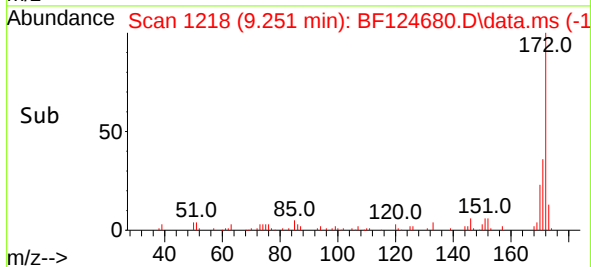
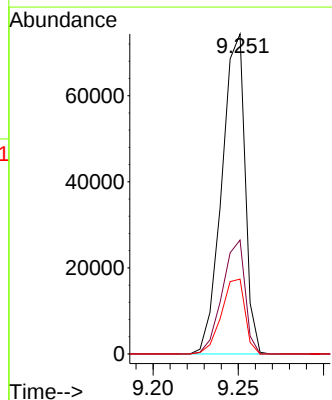
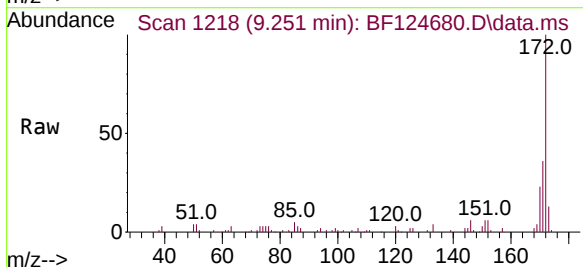
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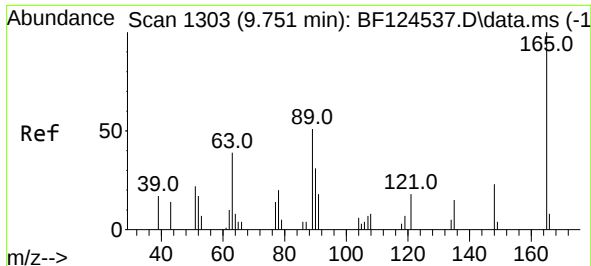
Tgt Ion: 330 Resp: 14061
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 49.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 66.95 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion: 172 Resp: 70524
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.4 18.8 28.2

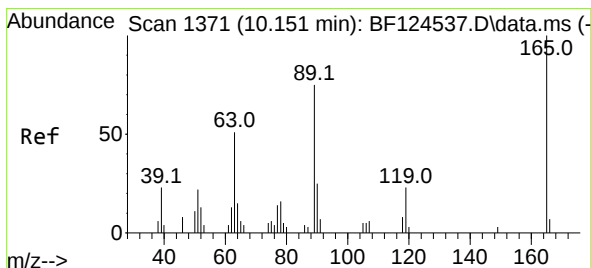
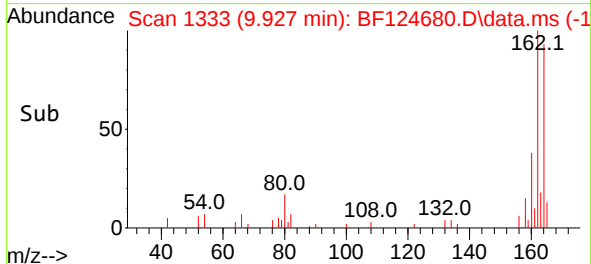
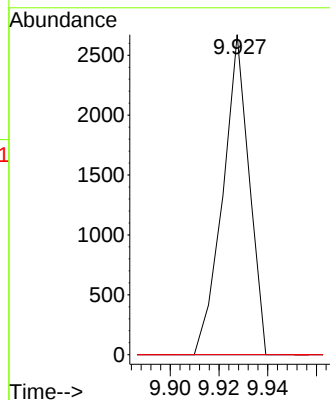
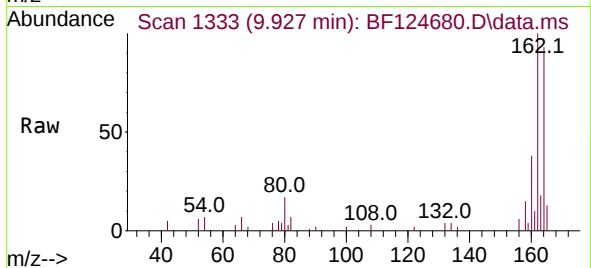




#51
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

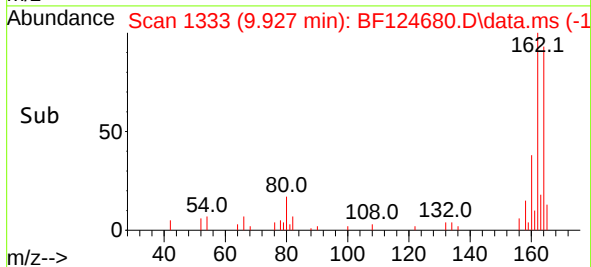
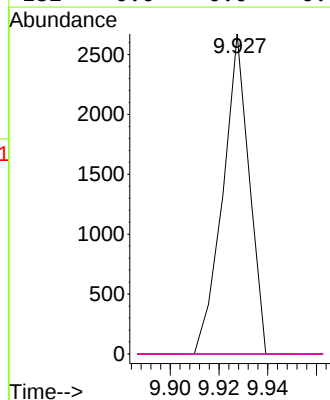
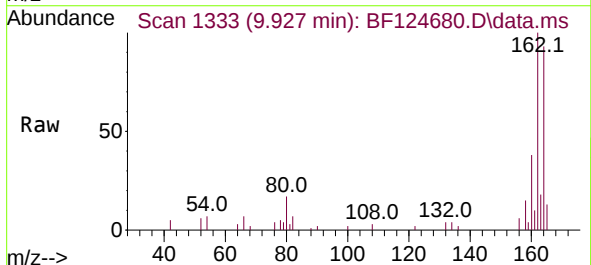
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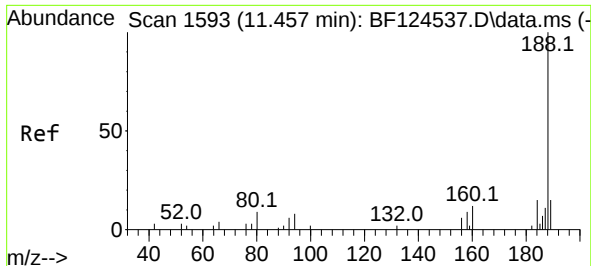
Tgt Ion:165 Resp: 2003
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion:165 Resp: 2003
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

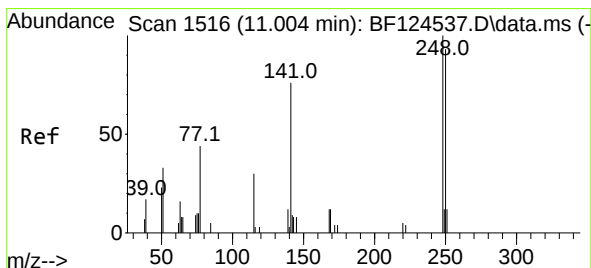
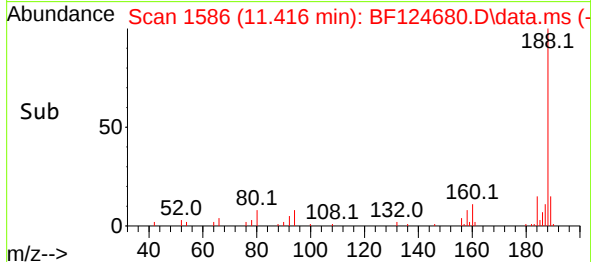
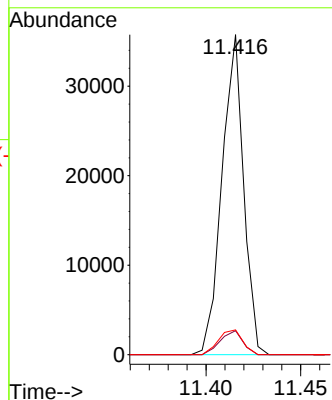
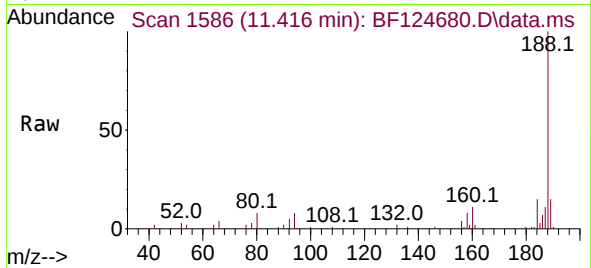




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

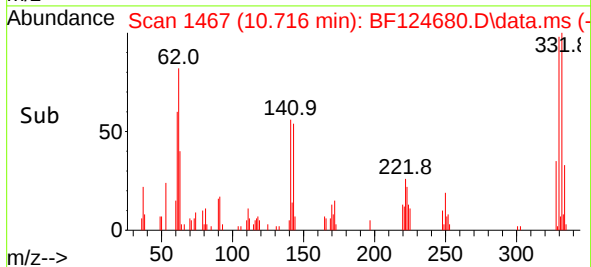
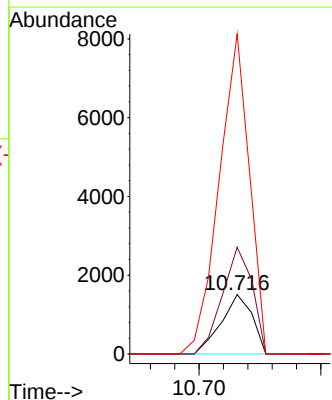
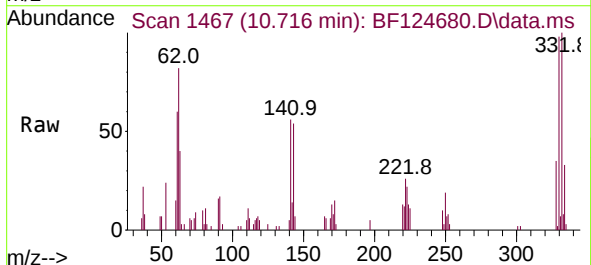
Instrument :
BNA_F
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20210534-COM-7

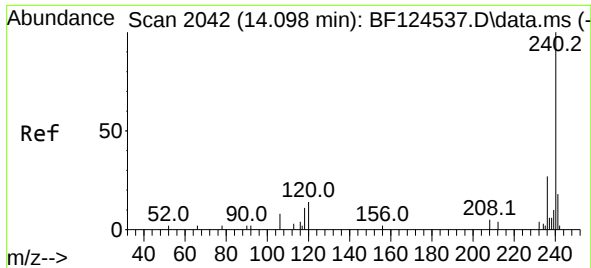
Tgt Ion:188 Resp: 28387
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 7.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

Tgt Ion:248 Resp: 1329
Ion Ratio Lower Upper
248 100
250 179.8 74.2 111.4#
141 538.9 60.4 90.6#

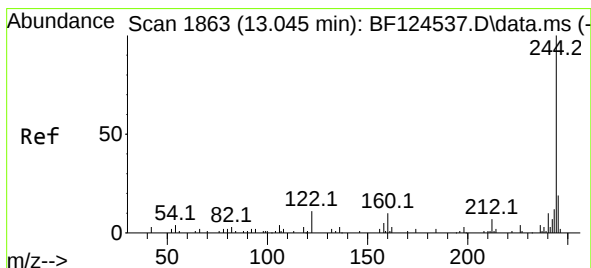
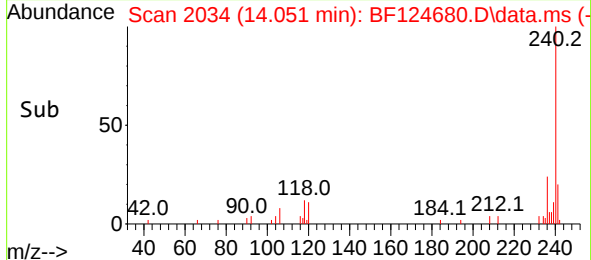
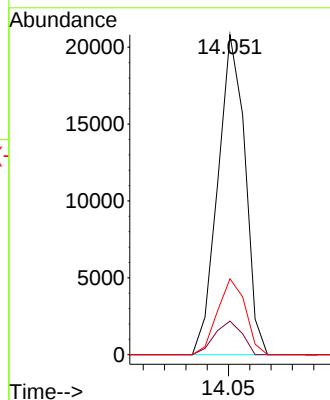
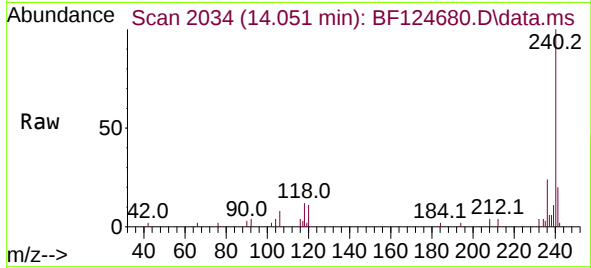




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

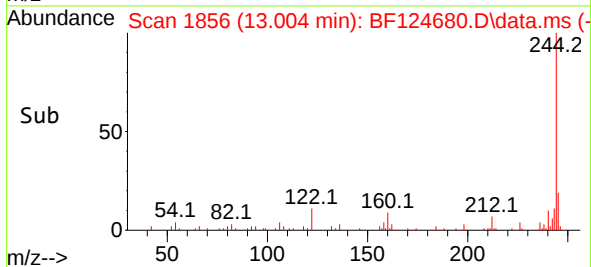
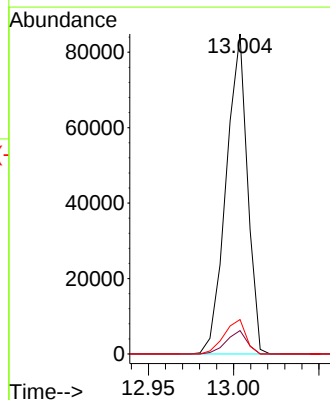
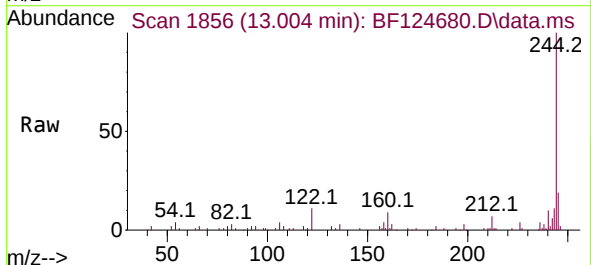
Instrument :
BNA_F
ClientSampleId :
20210534-COM-7

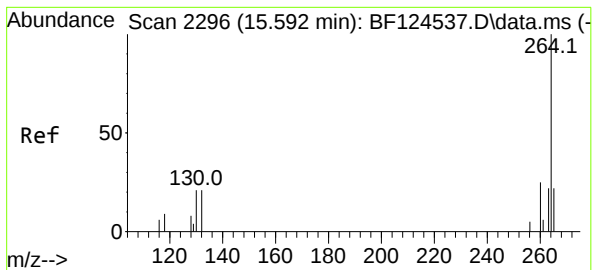
Tgt Ion:240 Resp: 18428
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 23.7 21.6 32.4



#79
Terphenyl-d14
Concen: 67.16 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124680.D
Acq: 22 Jul 2021 1:11

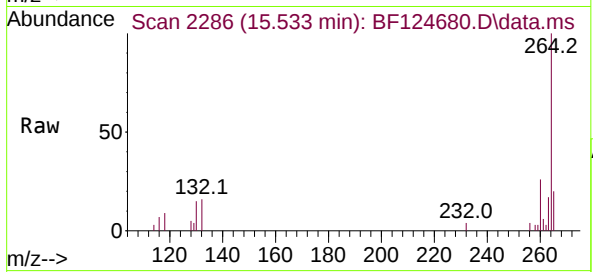
Tgt Ion:244 Resp: 73707
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF124680.D
 Acq: 22 Jul 2021 1:11

Instrument :
 BNA_F
 ClientSampleId :
 20210534-COM-7



Tgt Ion:	264	Resp:	16480
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.6	29.4
265	19.6	17.2	25.8

