

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124666.D
 Acq On : 21 Jul 2021 17:26
 Operator : JU/CG
 Sample : PB137822TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137822TB

Quant Time: Jul 22 01:28:58 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)

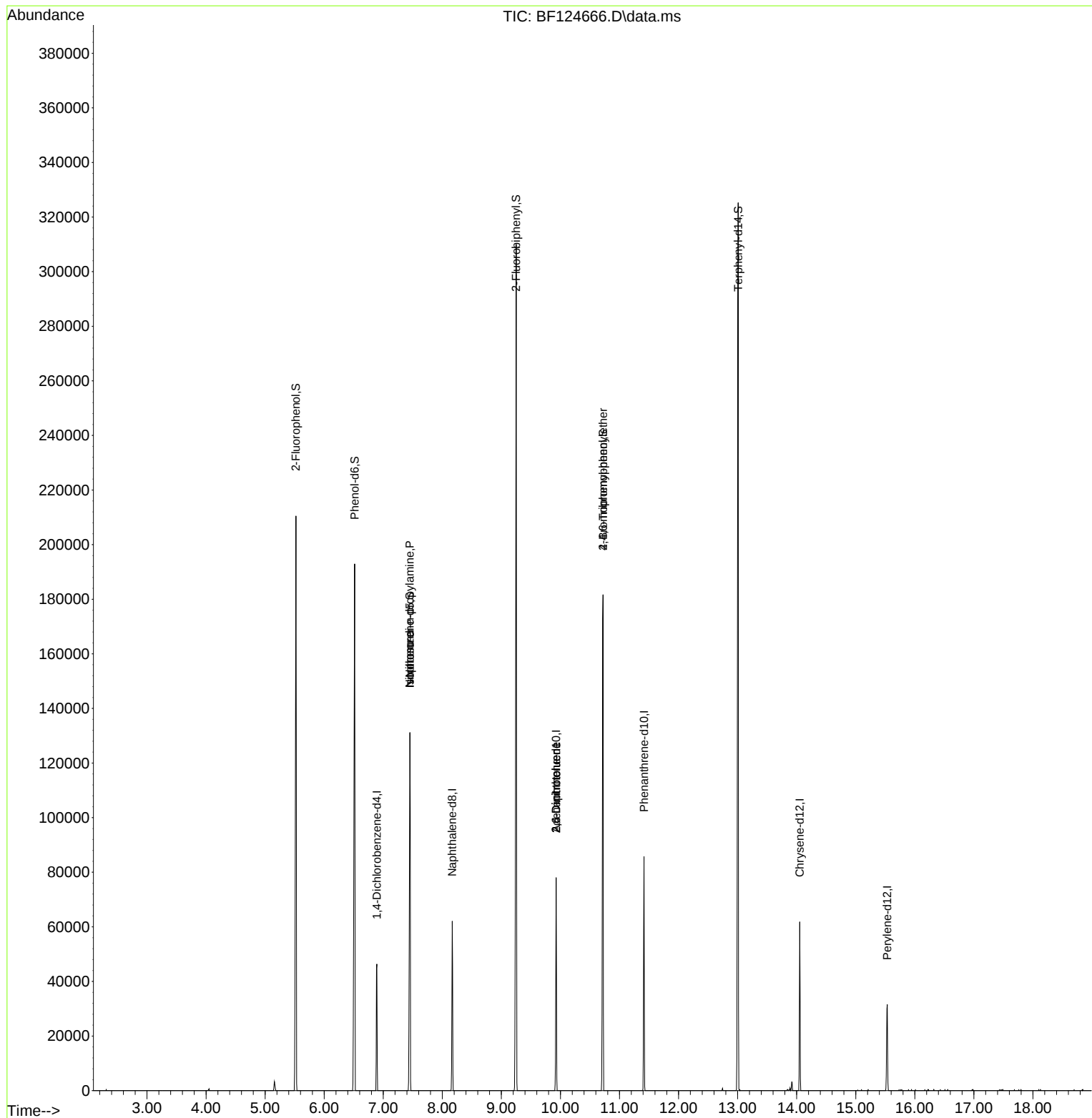
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	7301	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	30017	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	16303	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	30600	20.00	ng	0.00
76) Chrysene-d12	14.051	240	21529	20.00	ng	-0.01
86) Perylene-d12	15.533	264	15933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	63144	149.84	ng	0.01
7) Phenol-d6	6.516	99	72901	142.21	ng	0.00
23) Nitrobenzene-d5	7.451	82	46306	97.38	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	19104	150.58	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	102989	92.12	ng	0.00
79) Terphenyl-d14	13.010	244	120901	94.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	5901	20.47	ng	# 81
25) Isophorone	7.451	82	46304	53.05	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	2023	9.05	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	2023	6.61	ng	# 18
67) 4-Bromophenyl-phenylether	10.721	248	1565	4.95	ng	# 1

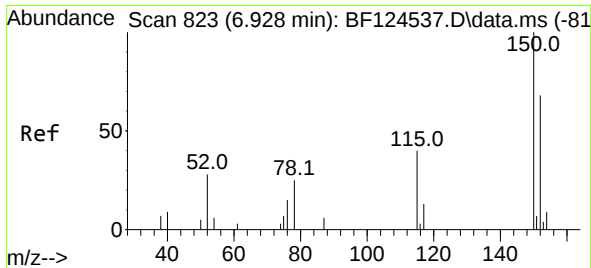
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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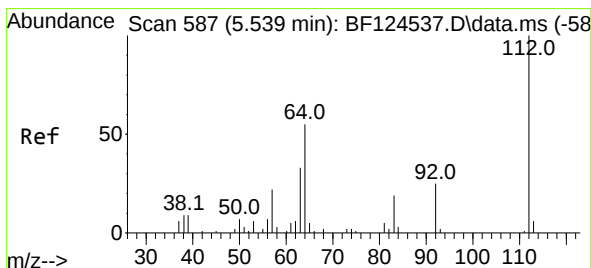
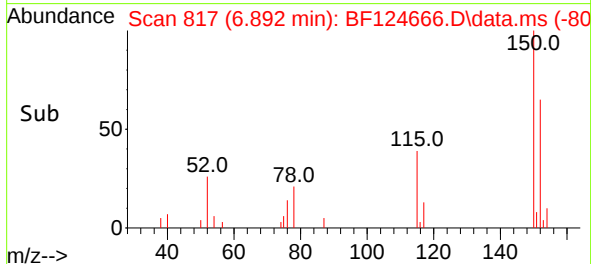
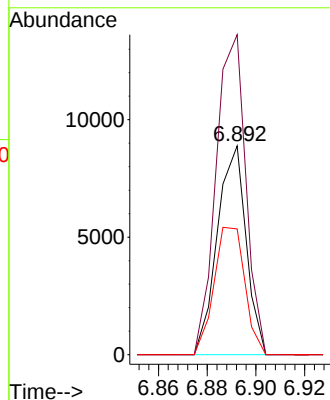
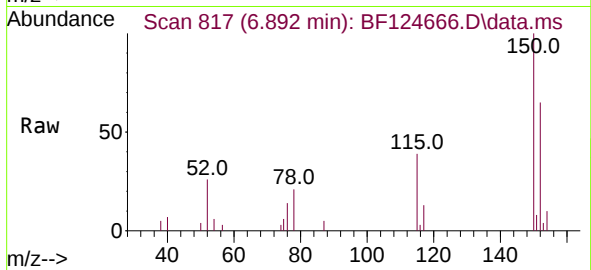




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

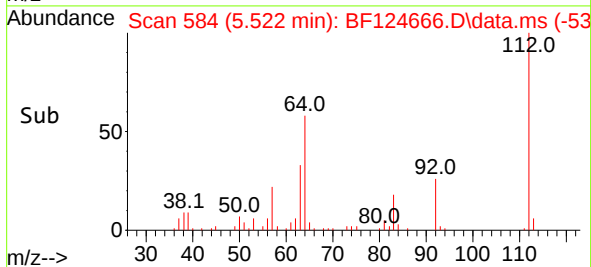
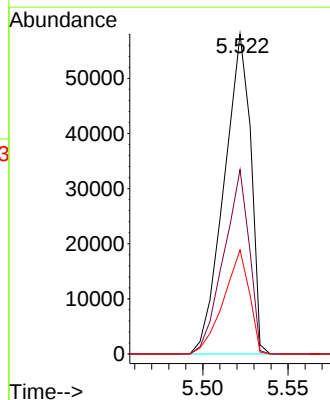
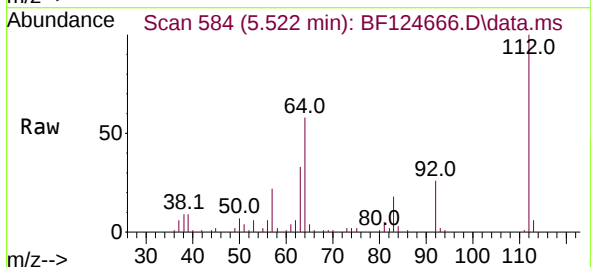
Instrument :
BNA_F
ClientSampleId :
PB137822TB

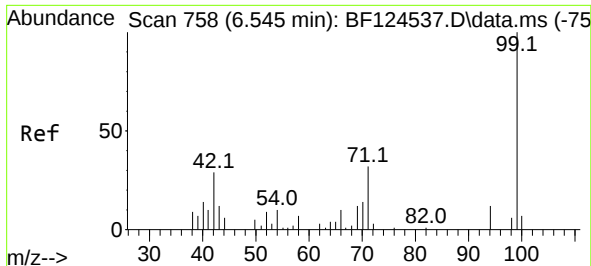
Tgt Ion:152 Resp: 7301
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 149.84 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion:112 Resp: 63144
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 32.5 26.2 39.2

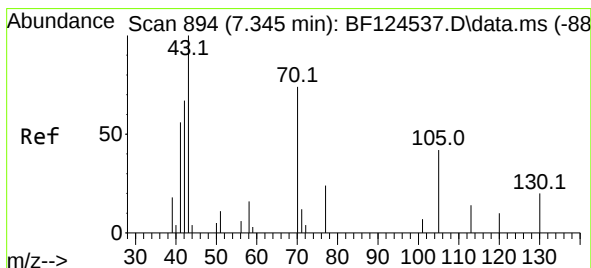
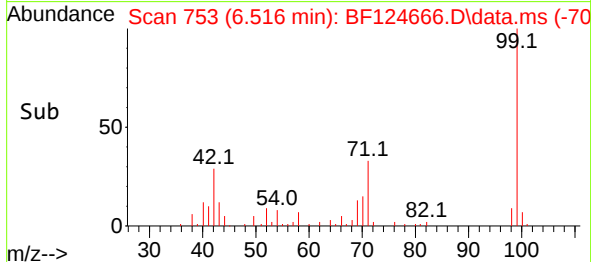
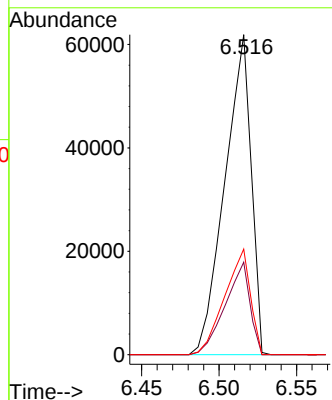
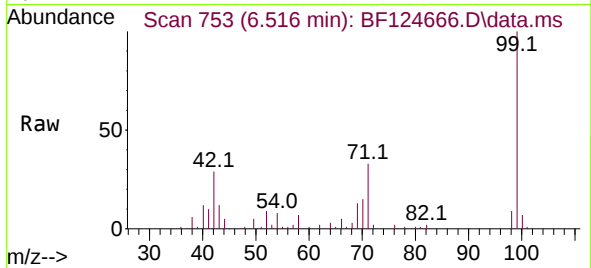




#7
Phenol-d6
Concen: 142.21 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

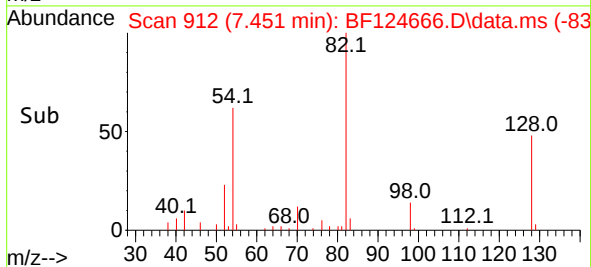
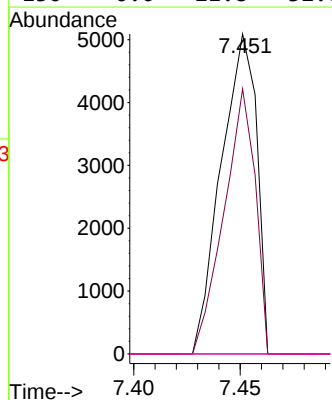
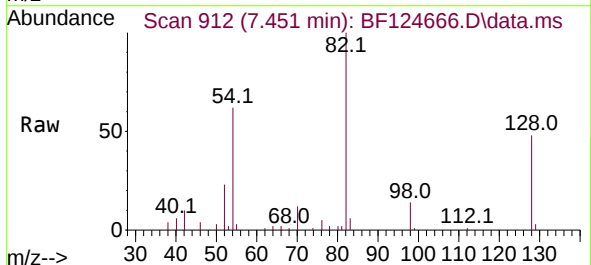
Instrument :
BNA_F
ClientSampleId :
PB137822TB

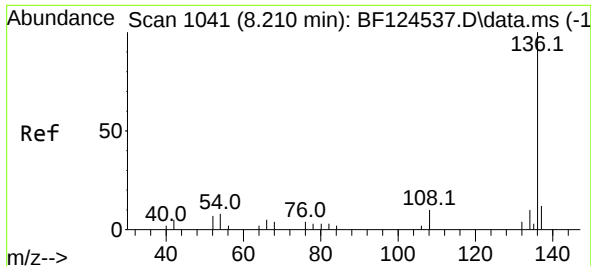
Tgt Ion: 99	Resp: 72901
Ion Ratio	Lower Upper
99 100	
42 28.9	23.5 35.3
71 33.0	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.47 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion: 70	Resp: 5901
Ion Ratio	Lower Upper
70 100	
42 82.9	72.2 108.2
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

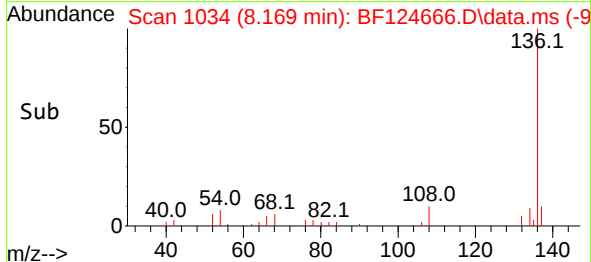
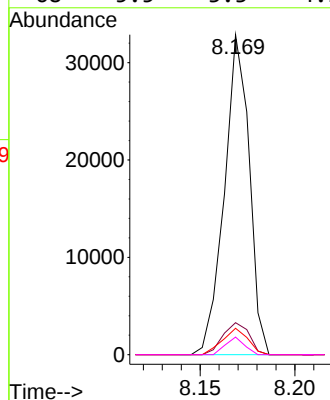
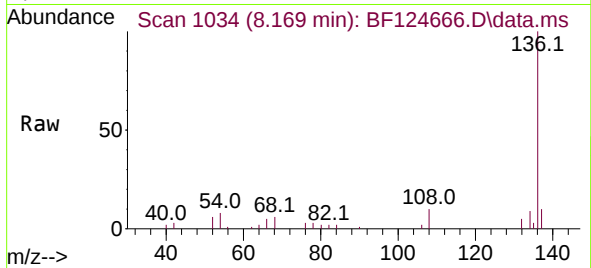




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

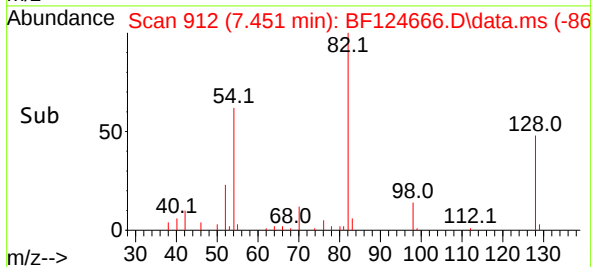
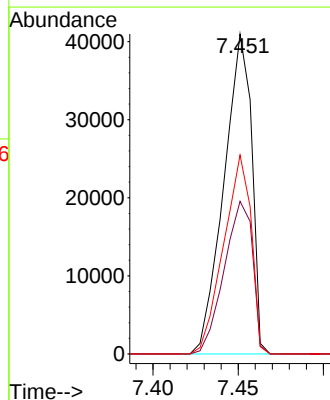
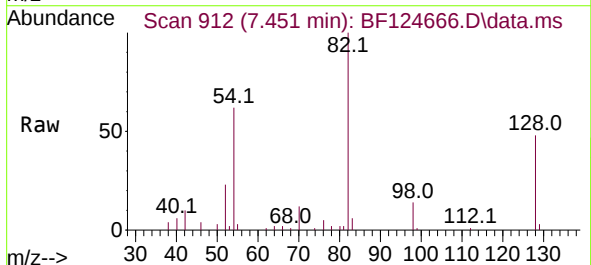
Instrument :
BNA_F
ClientSampleId :
PB137822TB

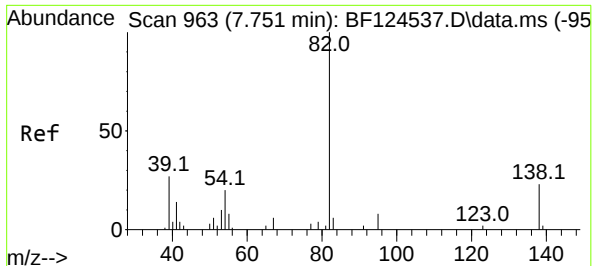
Tgt Ion:136	Resp:	30017
Ion Ratio	Lower	Upper
136	100	
137	10.0	9.8 14.6
54	8.3	6.4 9.6
68	5.5	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 97.38 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion: 82	Resp:	46306
Ion Ratio	Lower	Upper
82	100	
128	47.7	40.6 60.8
54	62.1	49.6 74.4

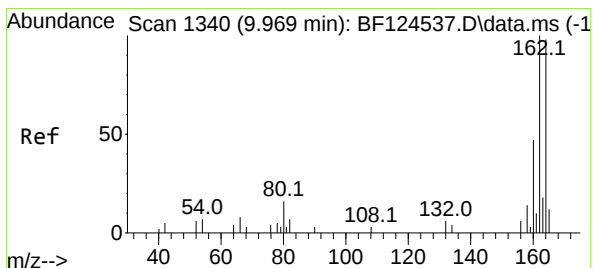
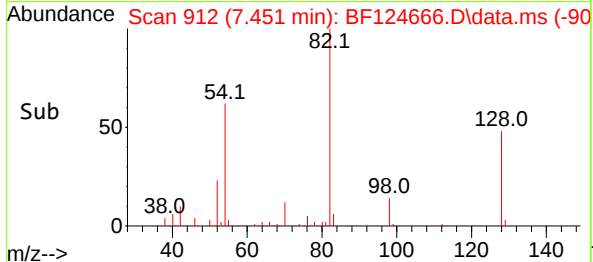
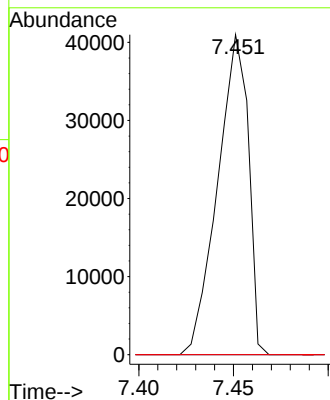
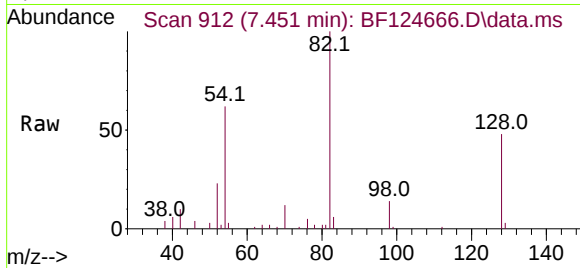




#25
Isophorone
Concen: 53.05 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

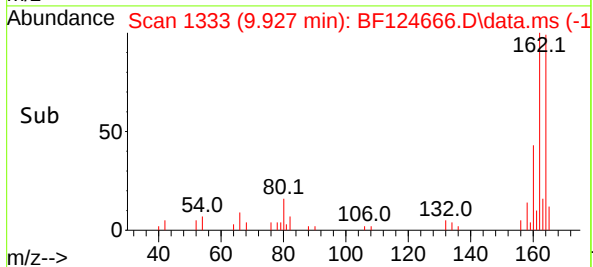
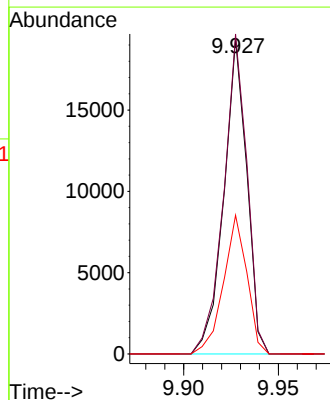
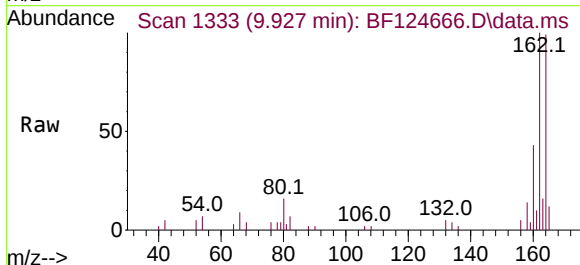
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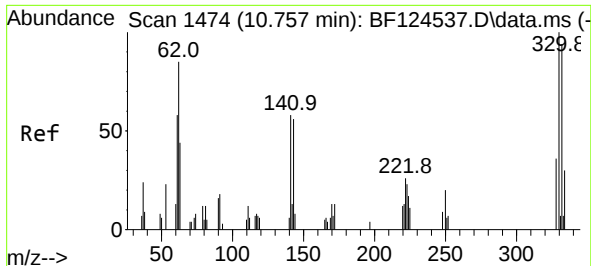
Tgt Ion: 82 Resp: 46304
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion:164 Resp: 16303
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.0 38.0 57.0

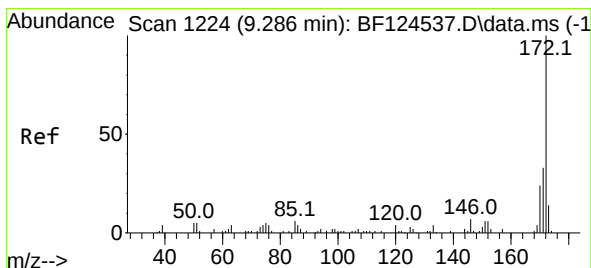
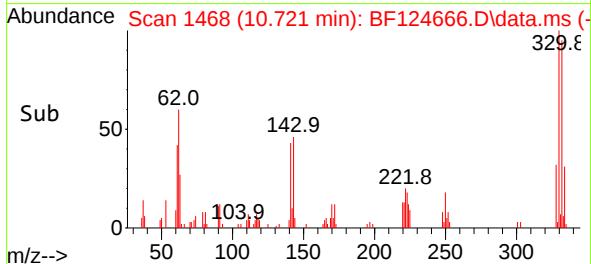
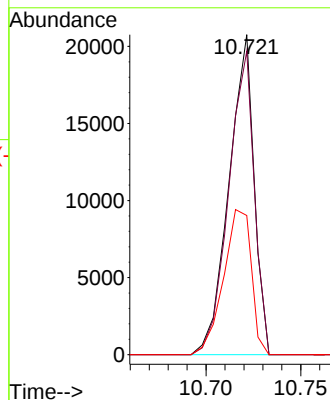
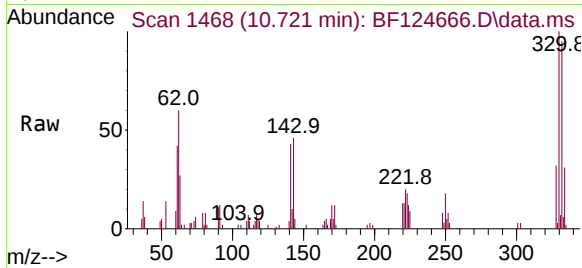




#42
2,4,6-Tribromophenol
Concen: 150.58 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

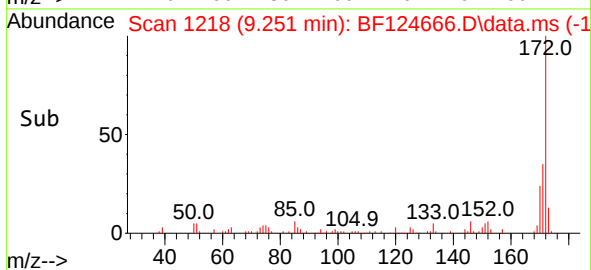
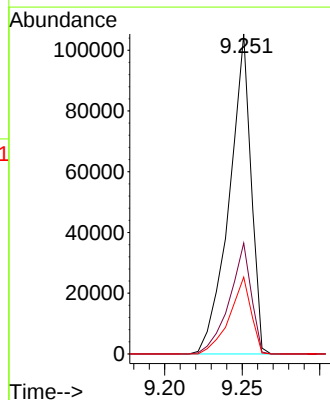
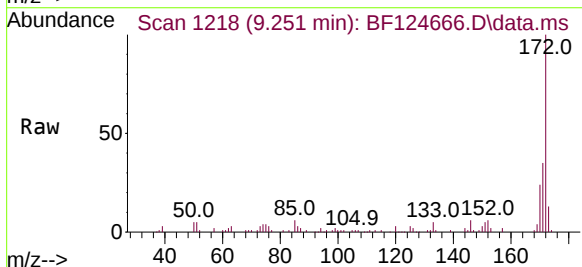
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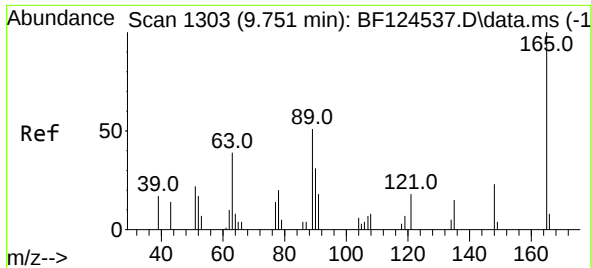
Tgt Ion: 330 Resp: 19104
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 50.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.12 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion: 172 Resp: 102989
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 24.0 18.8 28.2

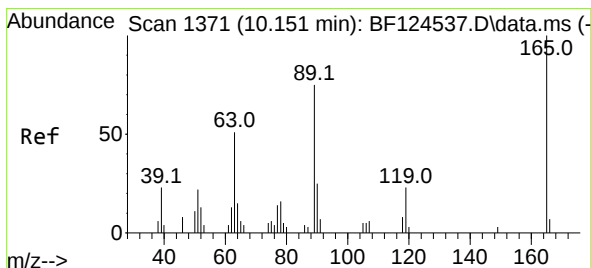
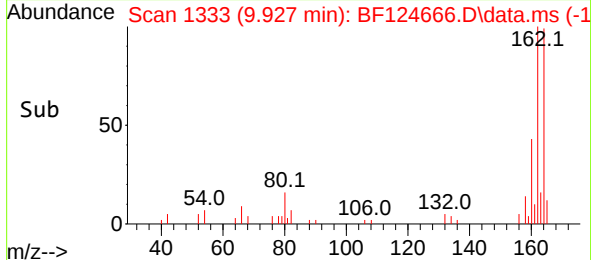
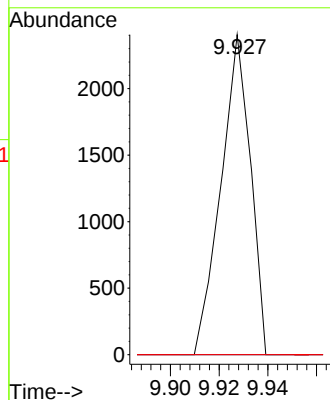
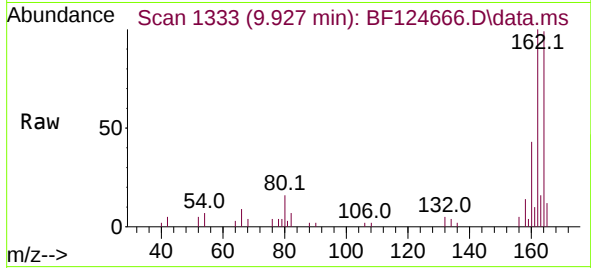




#51
2,6-Dinitrotoluene
Concen: 9.05 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

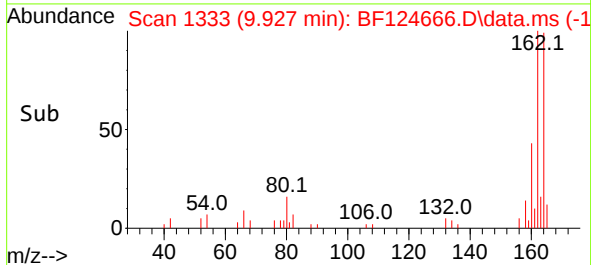
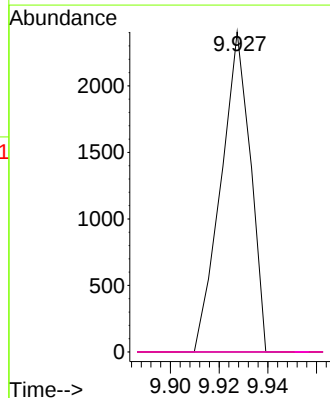
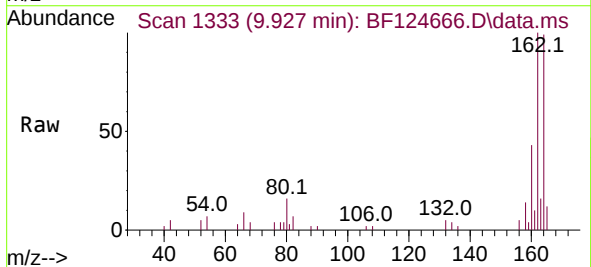
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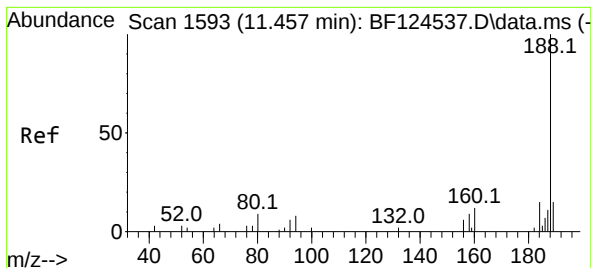
Tgt Ion:165 Resp: 2023
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion:165 Resp: 2023
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

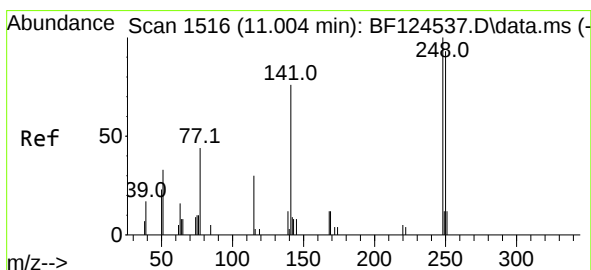
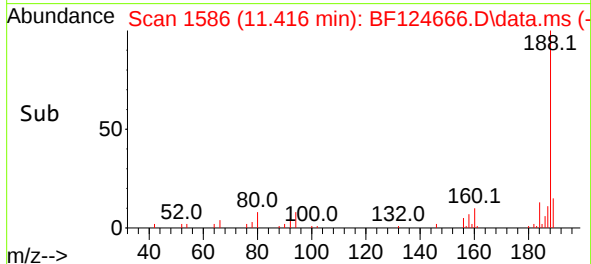
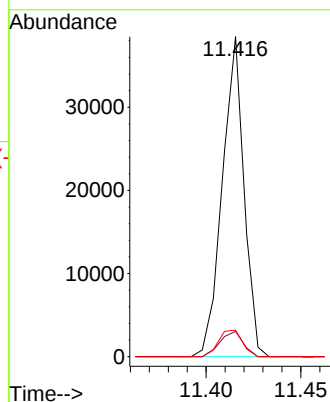
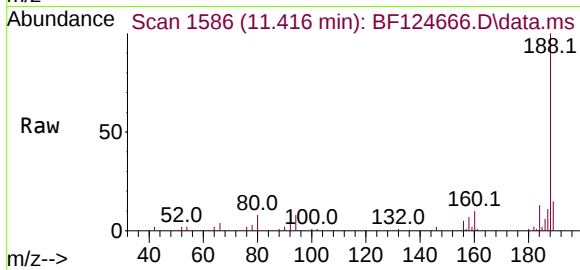




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

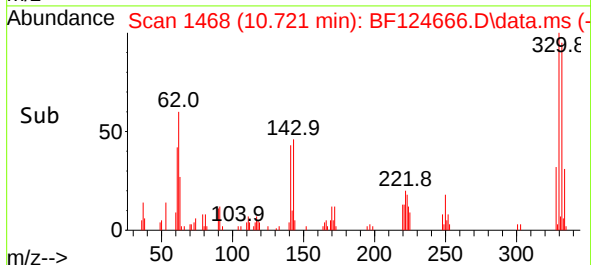
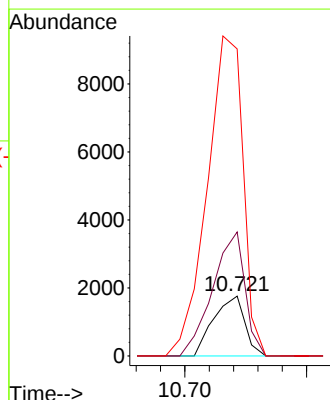
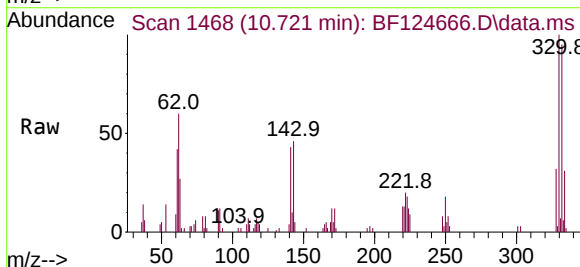
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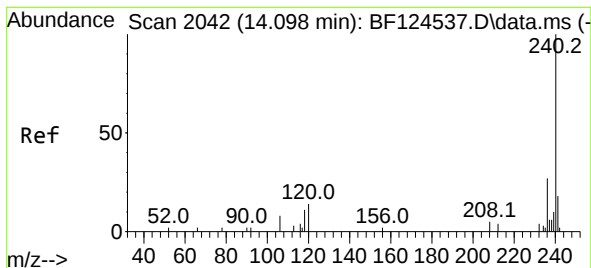
Tgt Ion:188 Resp: 30600
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion:248 Resp: 1565
Ion Ratio Lower Upper
248 100
250 207.1 74.2 111.4#
141 512.5 60.4 90.6#

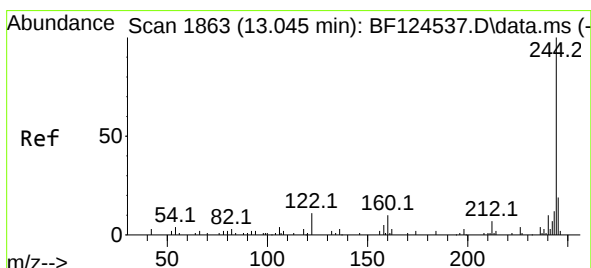
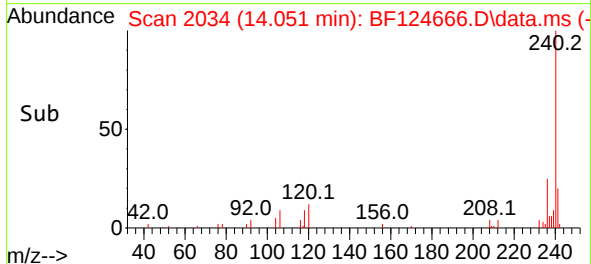
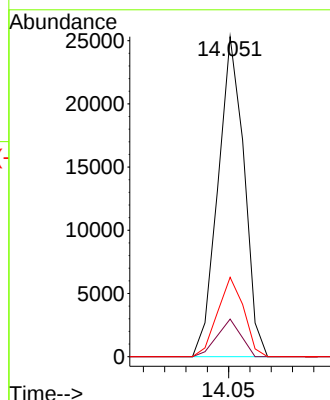
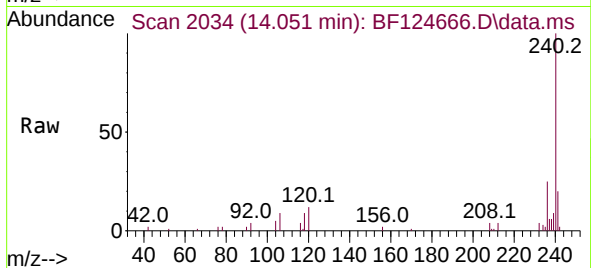




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

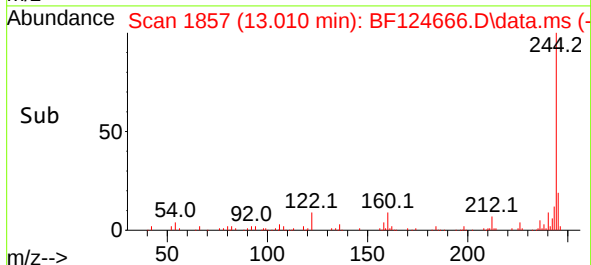
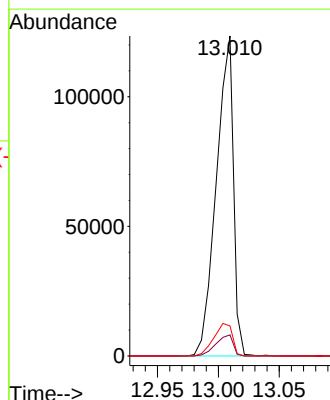
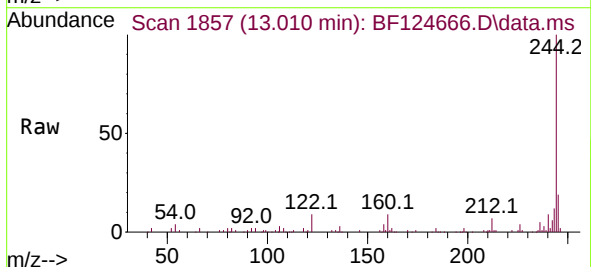
Instrument :
BNA_F
ClientSampleId :
PB137822TB

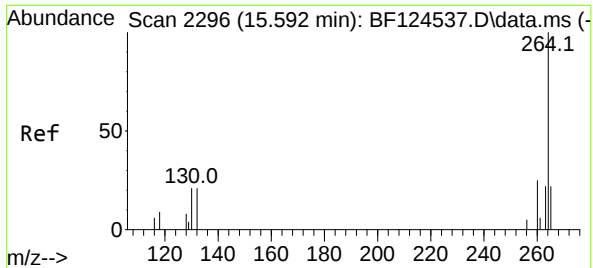
Tgt Ion:240 Resp: 21529
Ion Ratio Lower Upper
240 100
120 11.7 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 94.30 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124666.D
Acq: 21 Jul 2021 17:26

Tgt Ion:244 Resp: 120901
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 9.4 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: BF124666.D
 Acq: 21 Jul 2021 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB137822TB

Tgt Ion:264	Resp:	15933
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.6 29.4
265	19.9	17.2 25.8

