

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
 Data File : BF124581.D
 Acq On : 15 Jul 2021 20:16
 Operator : JU/CG
 Sample : M3026-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ABN-JG-1RE

Quant Time: Jul 16 02:51:53 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)

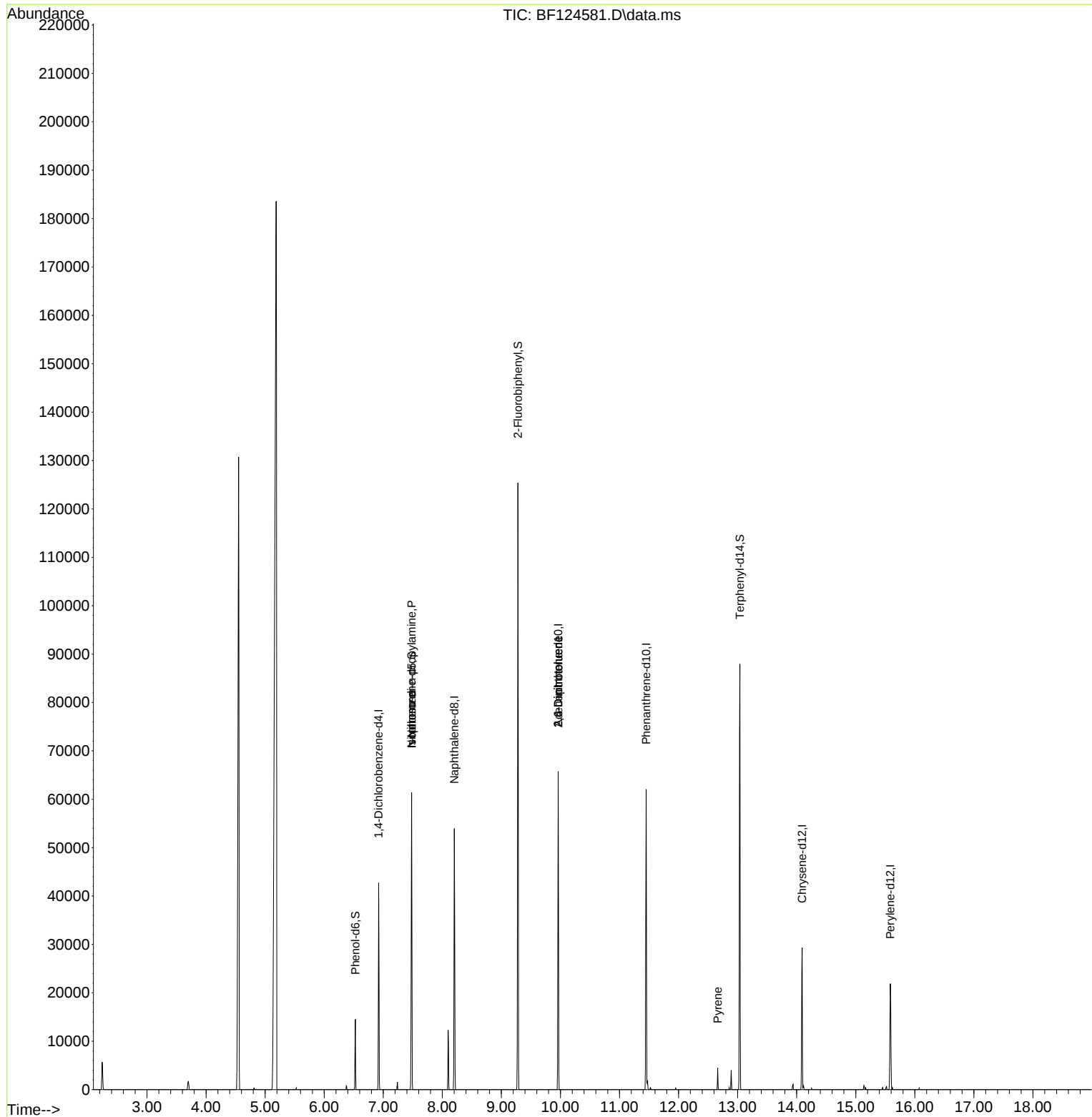
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6064	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	23114	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	12954	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	21546	20.00	ng	0.00
76) Chrysene-d12	14.092	240	11204	20.00	ng	# 0.00
86) Perylene-d12	15.586	264	11737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	121	0.35	ng	-0.01
7) Phenol-d6	6.528	99	4042	9.49	ng	-0.02
23) Nitrobenzene-d5	7.481	82	15646	42.73	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.280	172	36151	40.70	ng	0.00
79) Terphenyl-d14	13.039	244	29192	43.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	2086	8.71	ng	# 83
25) Isophorone	7.481	82	15645	23.28	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	1634	9.20	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	1634	6.72	ng	# 18
78) Pyrene	12.663	202	1965	2.11	ng	96

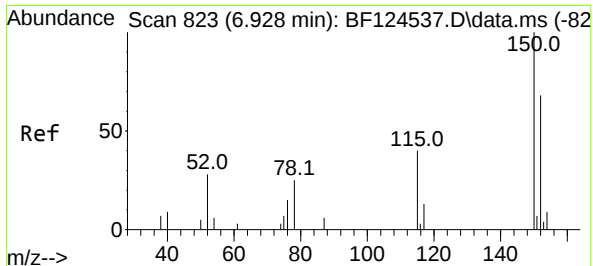
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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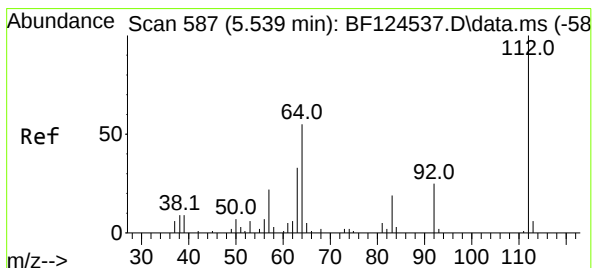
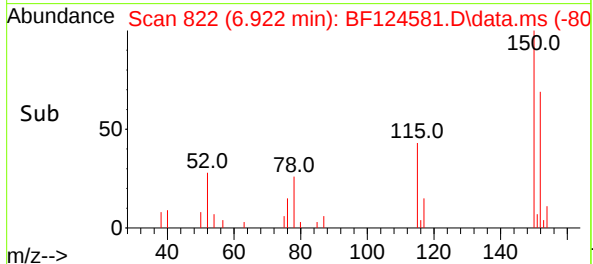
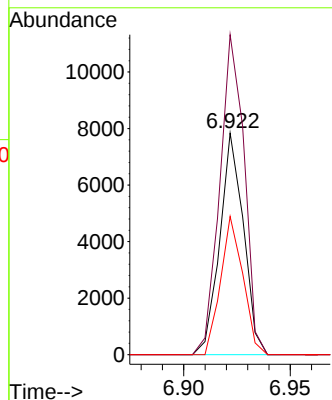
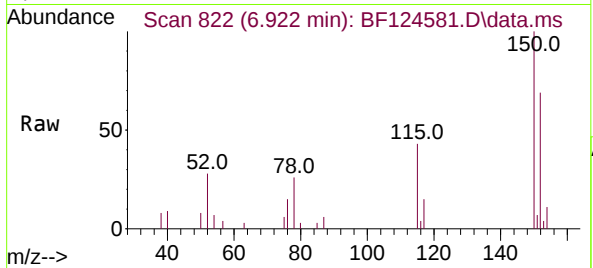




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

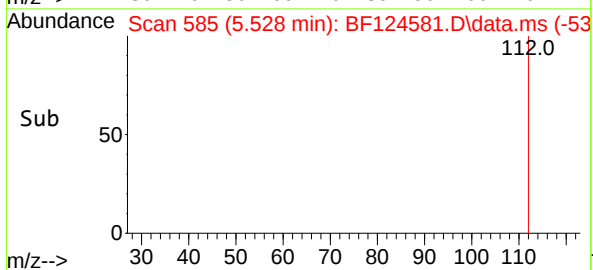
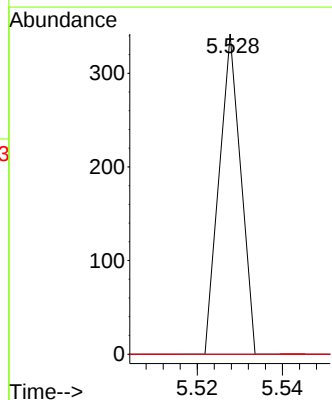
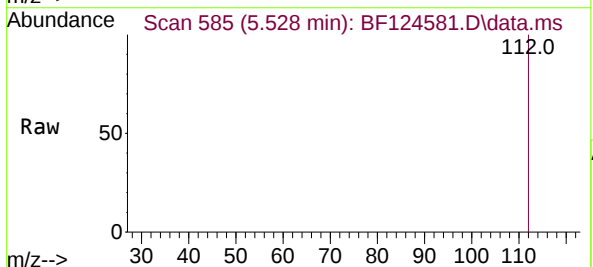
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE

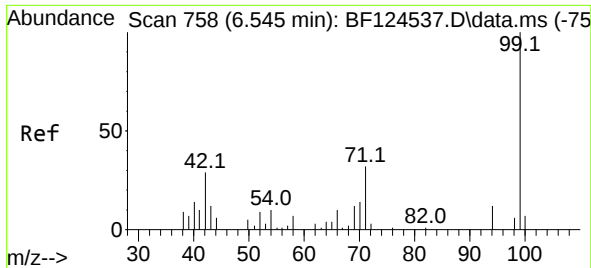
Tgt Ion:152 Resp: 6064
Ion Ratio Lower Upper
152 100
150 144.4 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 0.35 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.011 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:112 Resp: 121
Ion Ratio Lower Upper
112 100
64 0.0 44.2 66.2#
63 0.0 26.2 39.2#

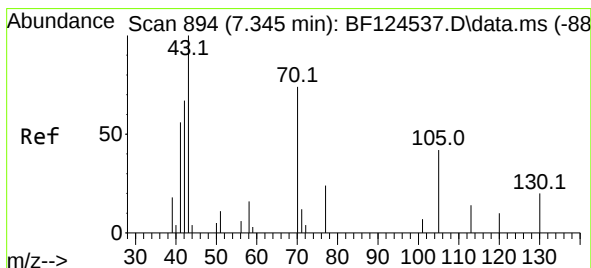
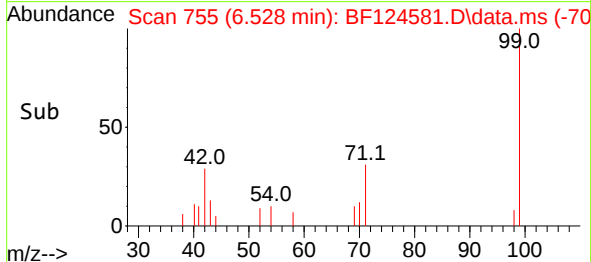
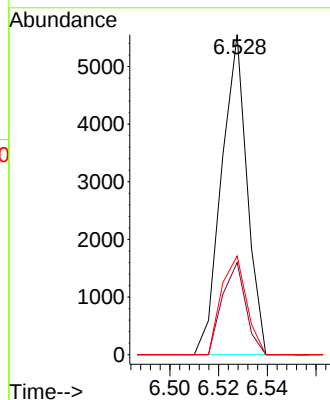
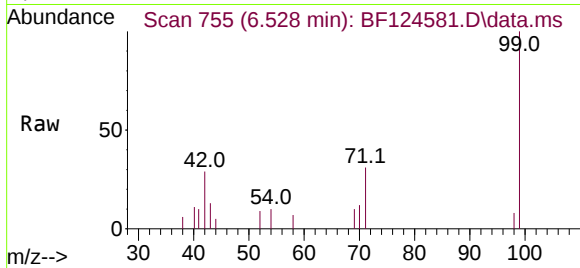




#7
Phenol-d6
Concen: 9.49 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

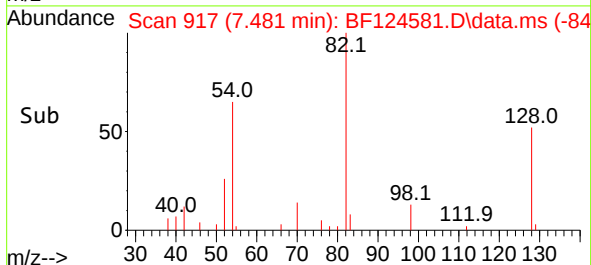
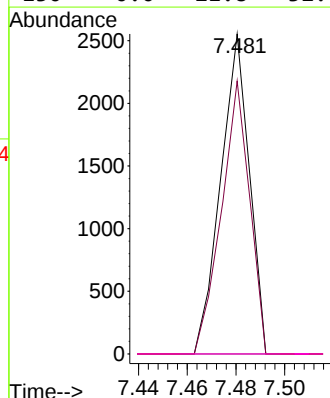
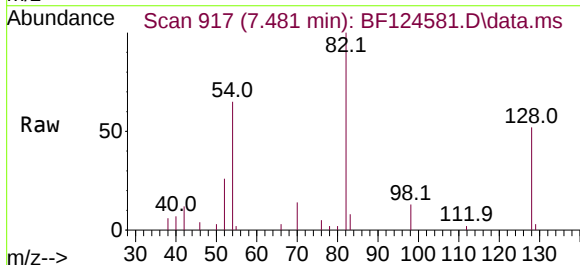
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE

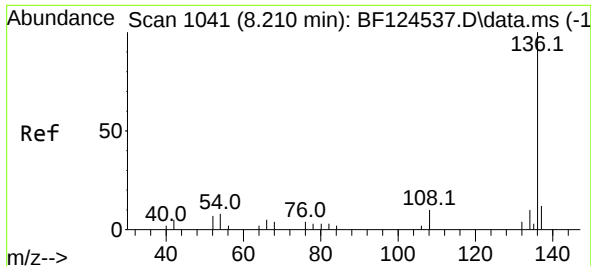
Tgt Ion:	99	Resp:	4042
Ion	Ratio	Lower	Upper
99	100		
42	28.8	23.5	35.3
71	30.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.71 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.135 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:	70	Resp:	2086
Ion	Ratio	Lower	Upper
70	100		
42	85.3	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

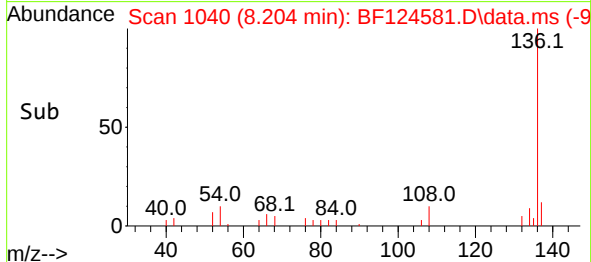
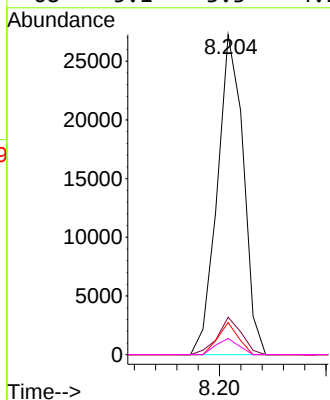
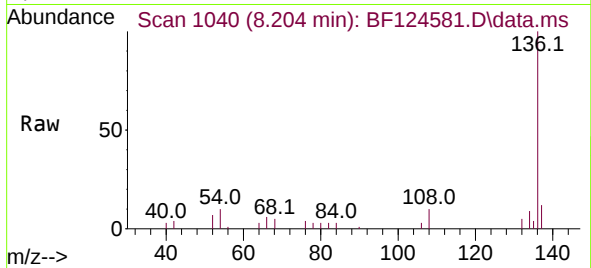




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

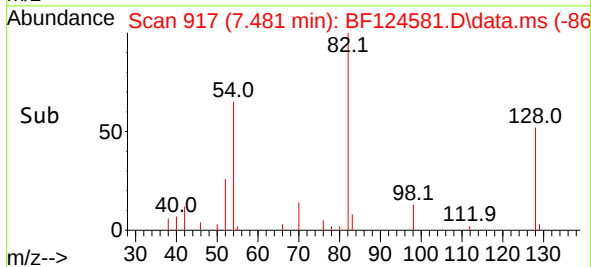
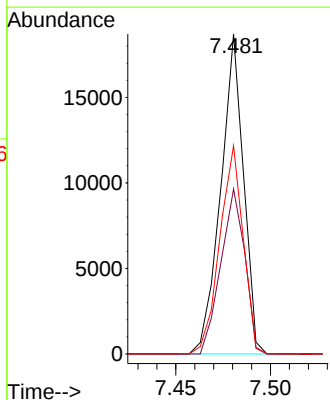
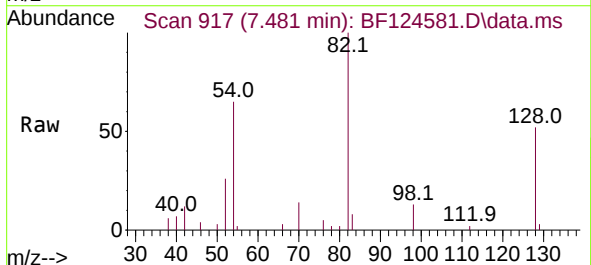
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE

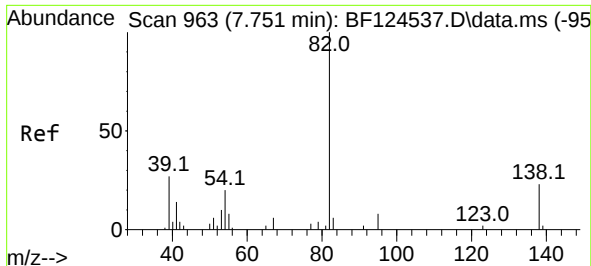
Tgt Ion:136	Resp:	23114
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	10.0	6.4 9.6#
68	5.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 42.73 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.011 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion: 82	Resp:	15646
Ion Ratio	Lower	Upper
82	100	
128	51.6	40.6 60.8
54	65.1	49.6 74.4

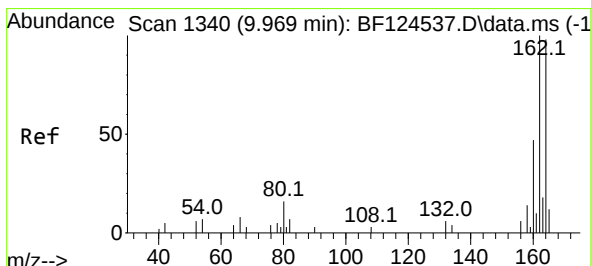
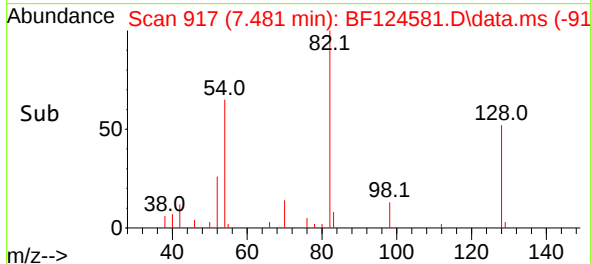
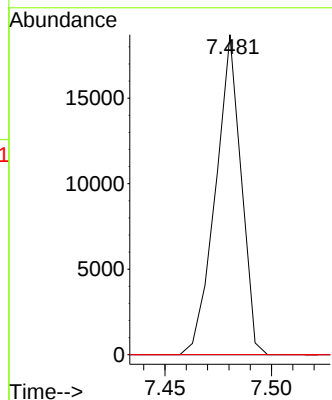
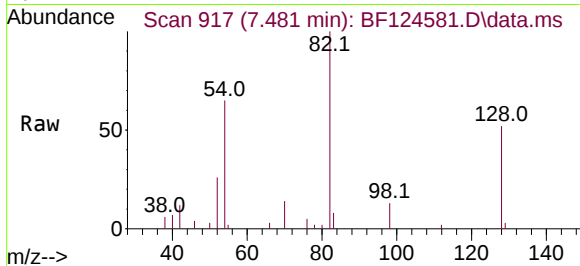




#25
Isophorone
Concen: 23.28 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.271 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

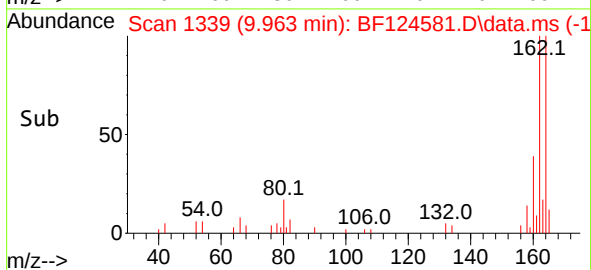
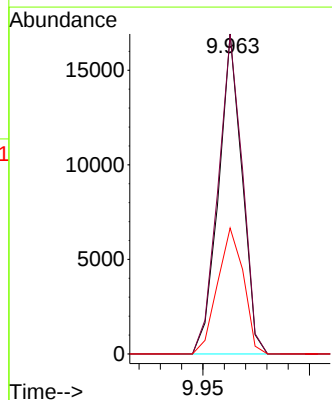
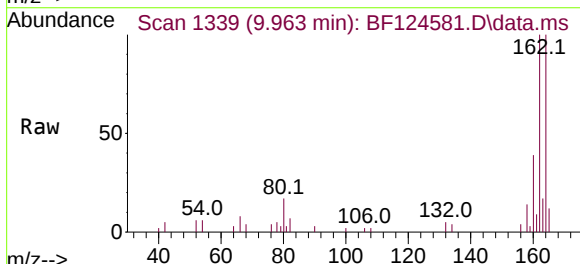
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ClientSampleId :
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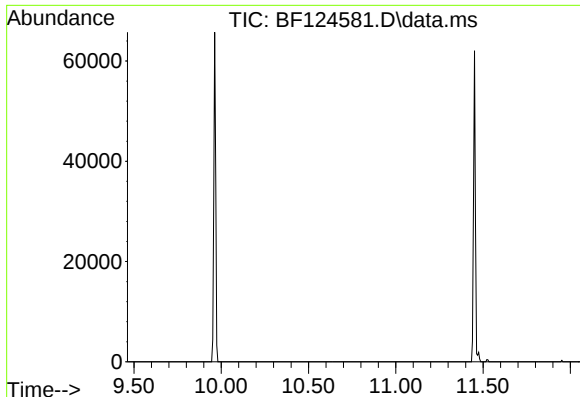
Tgt Ion: 82 Resp: 15645
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:164 Resp: 12954
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 39.4 38.0 57.0



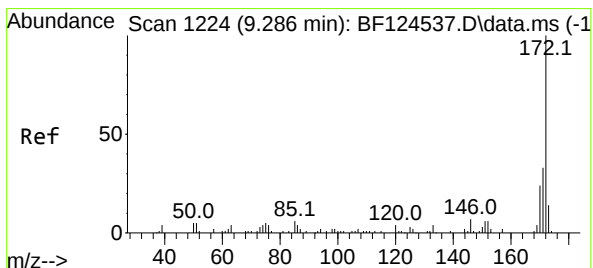
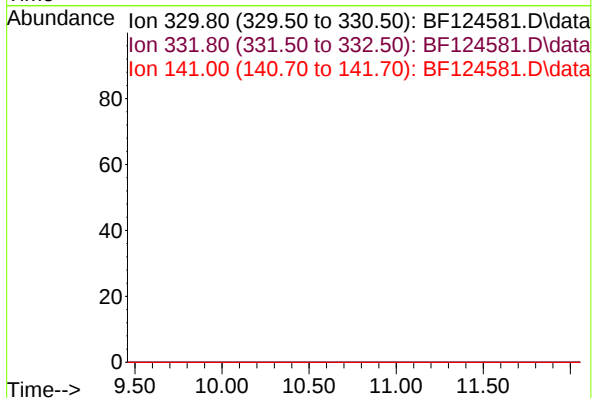


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.76 min

Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

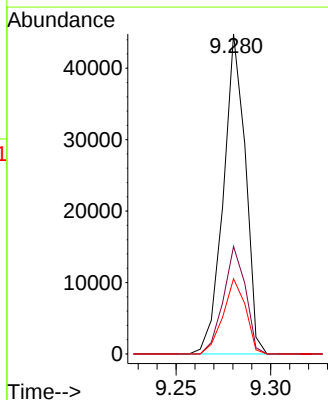
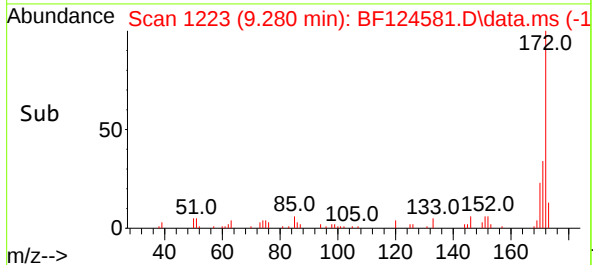
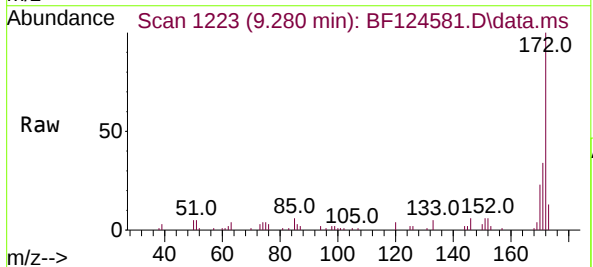
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

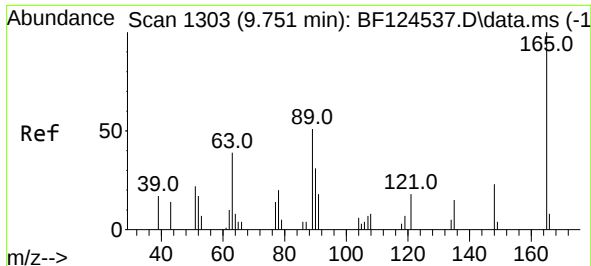
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE



#45
2-Fluorobiphenyl
Concen: 40.70 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion: 172 Resp: 36151
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.5 18.8 28.2

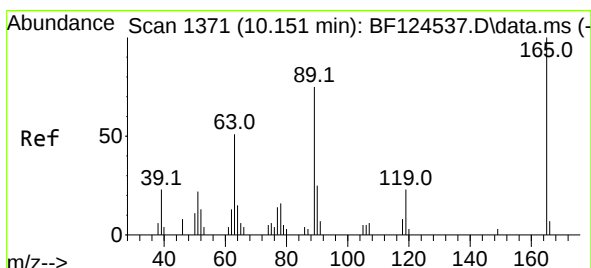
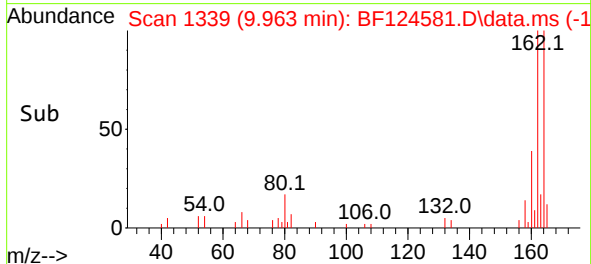
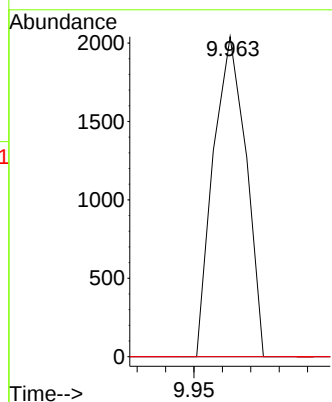
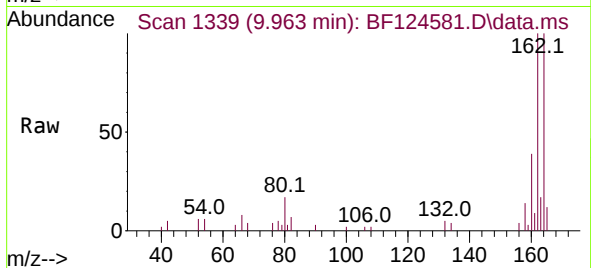




#51
2,6-Dinitrotoluene
Concen: 9.20 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

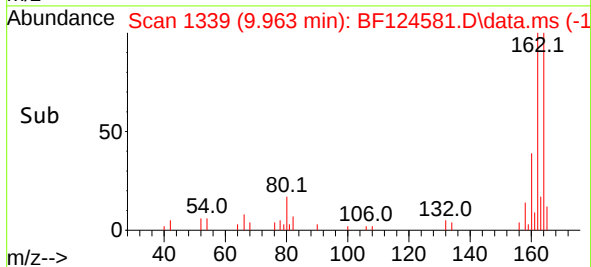
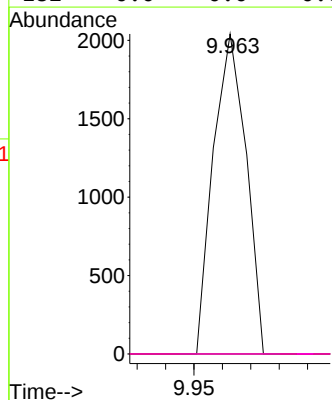
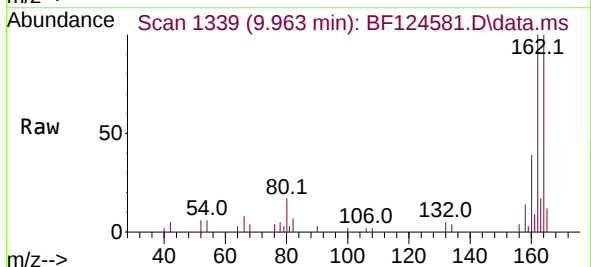
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ClientSampleId :
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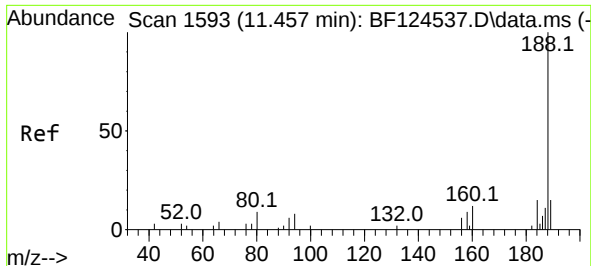
Tgt Ion:165 Resp: 1634
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:165 Resp: 1634
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

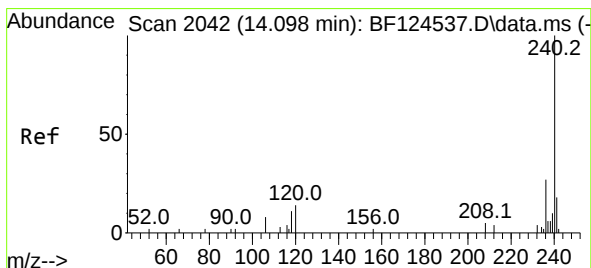
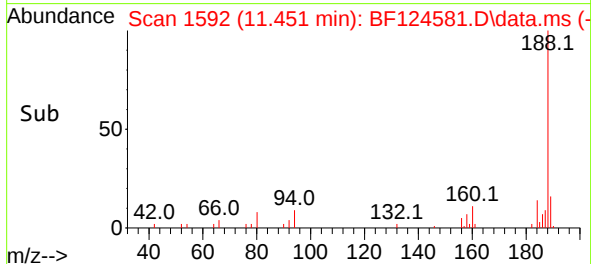
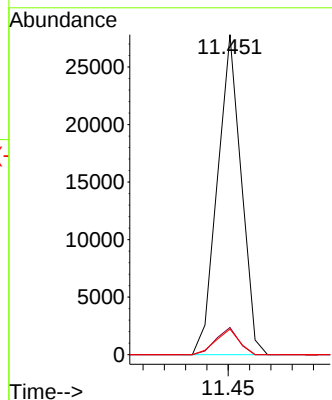
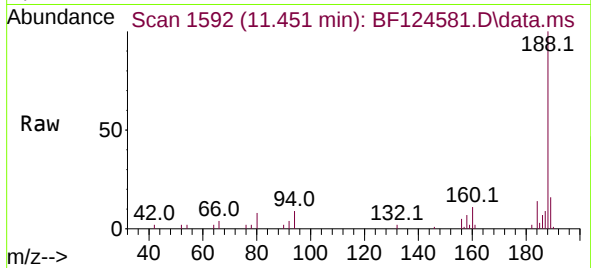




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

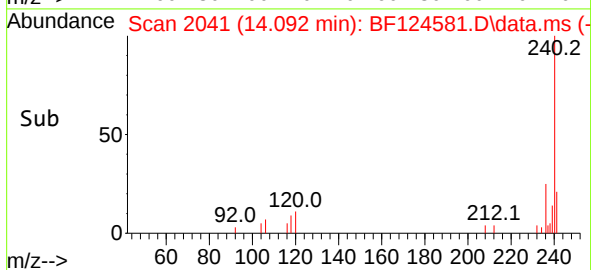
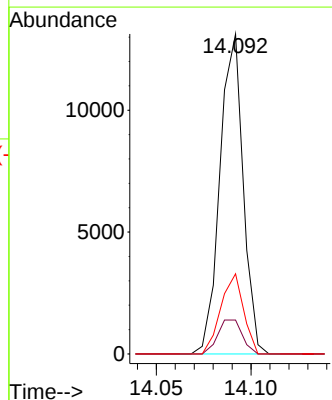
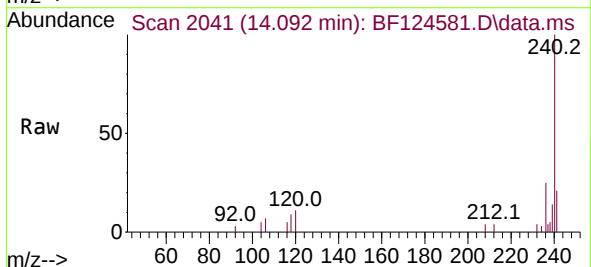
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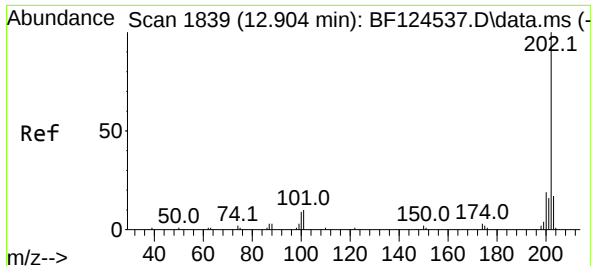
Tgt Ion:188 Resp: 21546
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:240 Resp: 11204
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.0 21.6 32.4

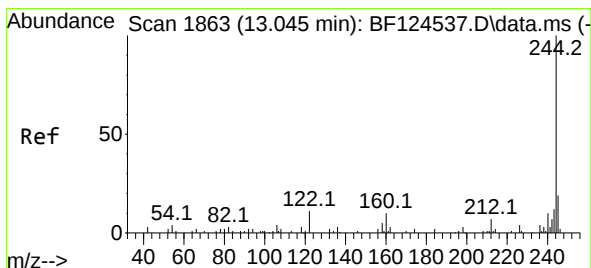
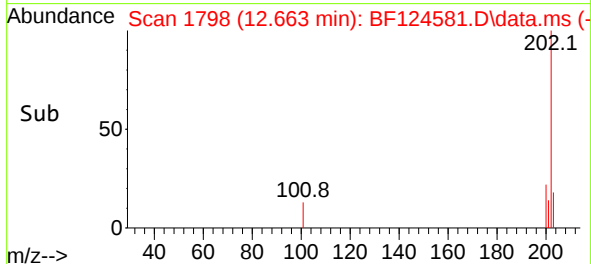
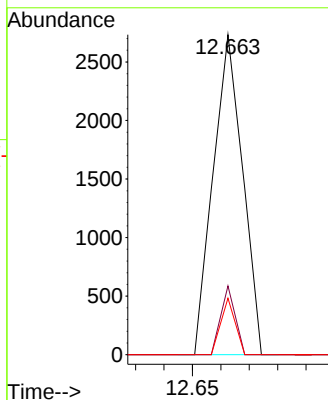
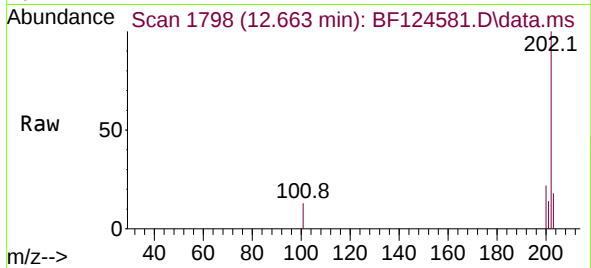




#78
Pyrene
Concen: 2.11 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.241 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

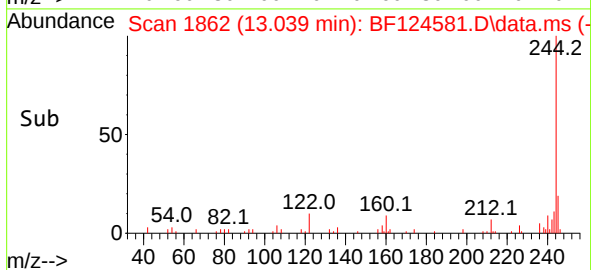
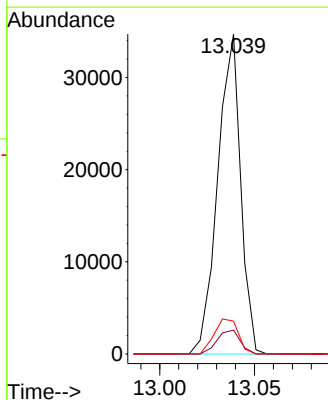
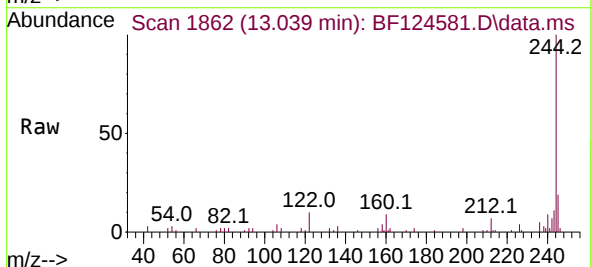
Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE

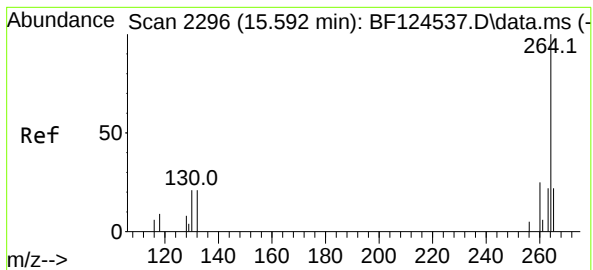
Tgt Ion:202	Resp:	1965
Ion Ratio	Lower	Upper
202	100	
200	21.5	15.3 22.9
203	17.7	13.4 20.0



#79
Terphenyl-d14
Concen: 43.75 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF124581.D
Acq: 15 Jul 2021 20:16

Tgt Ion:244	Resp:	29192
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.9 8.9
122	10.2	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: BF124581.D
Acq: 15 Jul 2021 20:16

Instrument :
BNA_F
ClientSampleId :
ABN-JG-1RE

Tgt Ion:264	Resp:	11737
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.6 29.4
265	22.1	17.2 25.8

