

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016682.D
 Acq On : 02 Oct 2021 21:57
 Operator : CG/JU
 Sample : M3829-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20210916

Manual Integrations
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 10/4/2021 11:48:53 AM

Quant Time: Oct 04 03:35:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32781	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	148446	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78114	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	147338	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	135367	0.40	ng	0.00
35) Perylene-d12	23.484	264	141177	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7844	0.09	ng	0.02
5) Phenol-d6	6.822	99	4735	0.05	ng	0.00
8) Nitrobenzene-d5	8.784	82	22548	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59635	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10953	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	82363	0.26	ng	-0.01
27) Fluoranthene-d10	19.063	212	144991	0.37	ng	0.00
31) Terphenyl-d14	19.678	244	170375	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	39473m	2.62	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.164	149	30666	0.19	ng	99

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

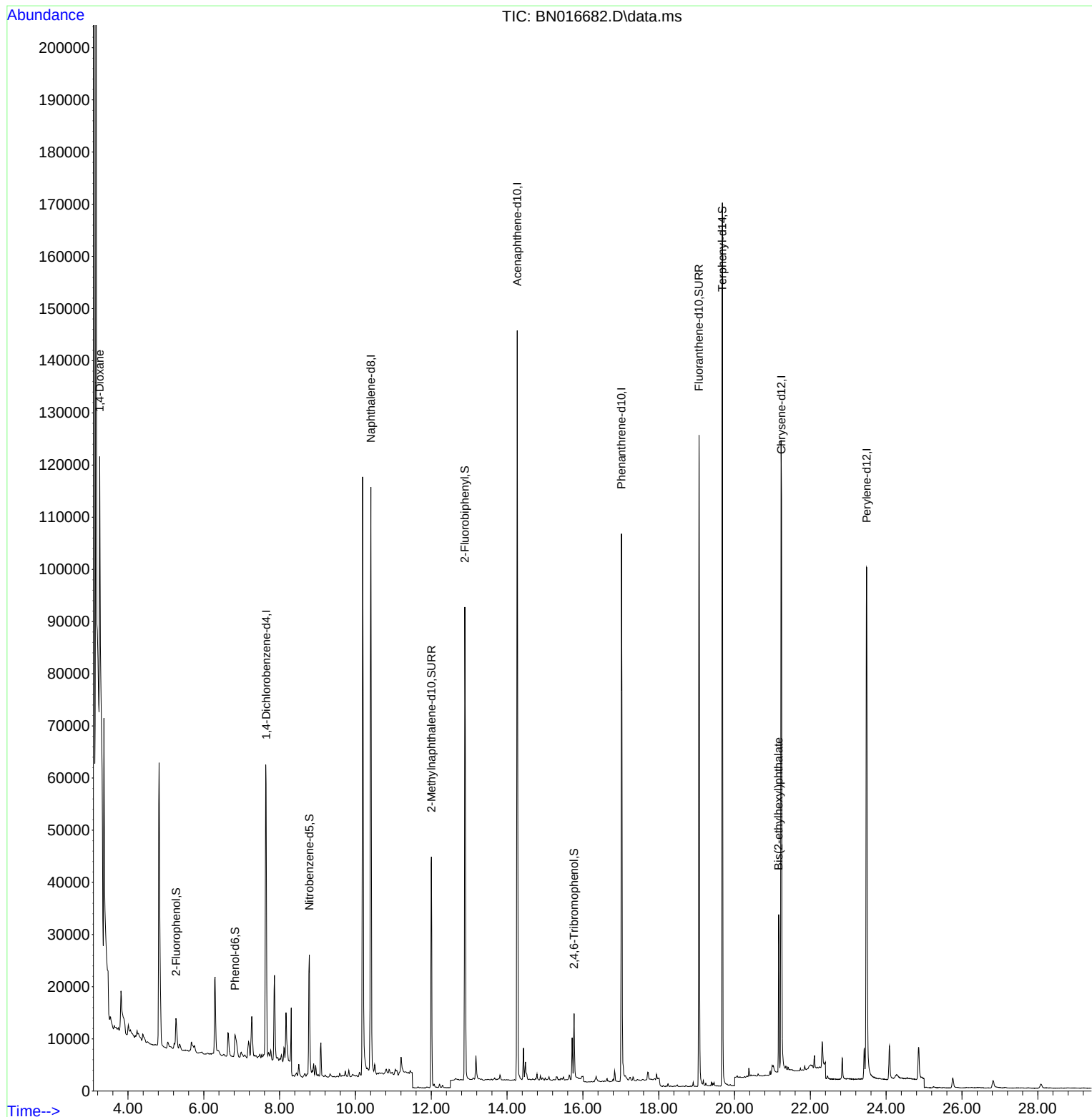
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016682.D
Acq On : 02 Oct 2021 21:57
Operator : CG/JU
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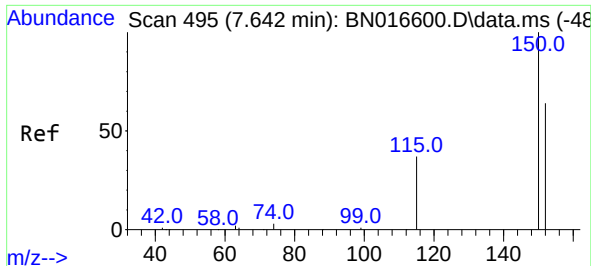
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Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

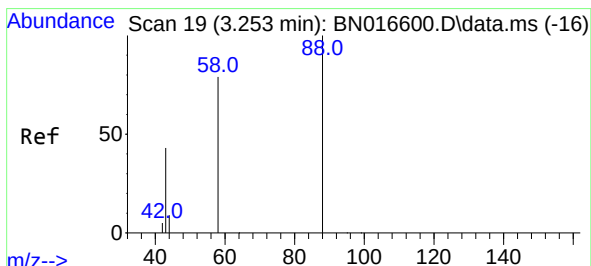
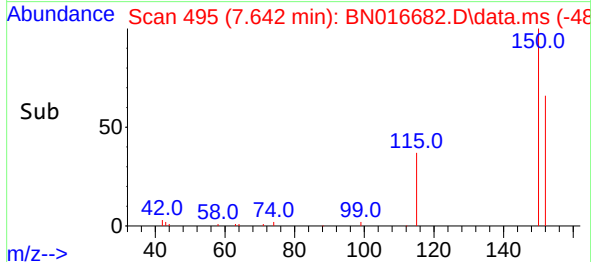
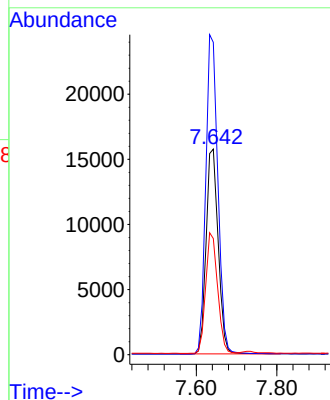
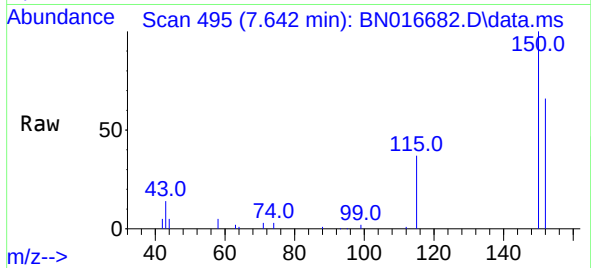
Tgt Ion: 152 Resp: 32781

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	56.5	46.5	69.7

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20210916

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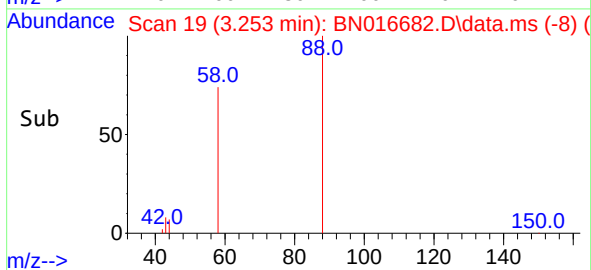
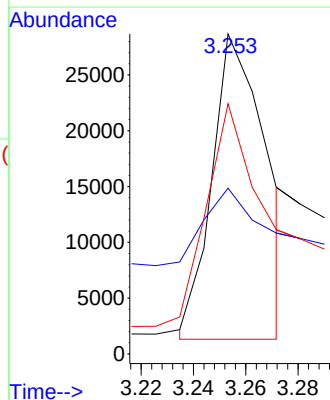
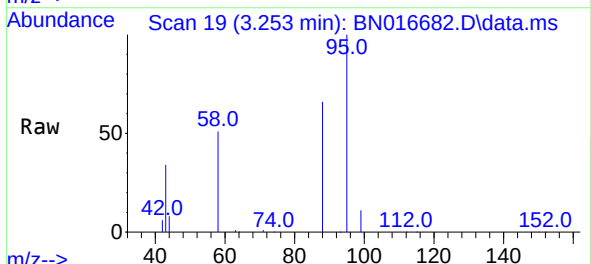
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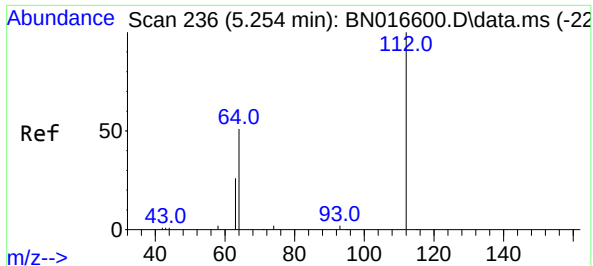


#2
 1,4-Dioxane
 Concen: 2.62 ng m
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

Tgt Ion: 88 Resp: 39473

Ion	Ratio	Lower	Upper
88	100		
43	29.1	37.8	56.8#
58	83.4	61.3	91.9





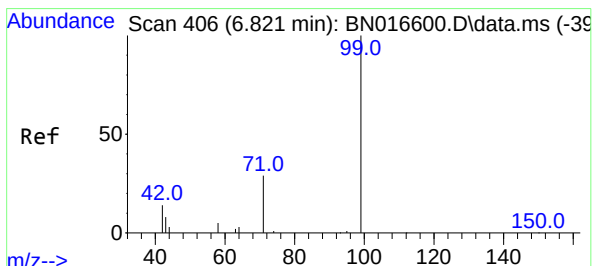
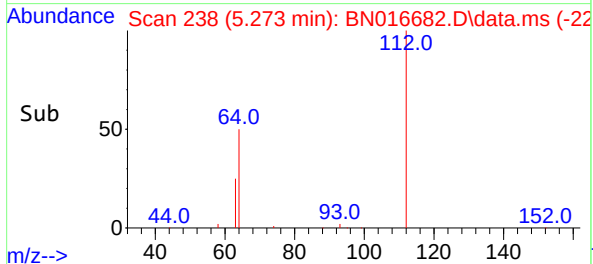
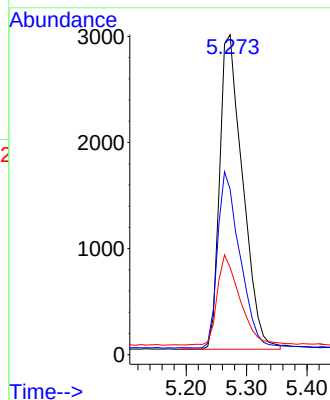
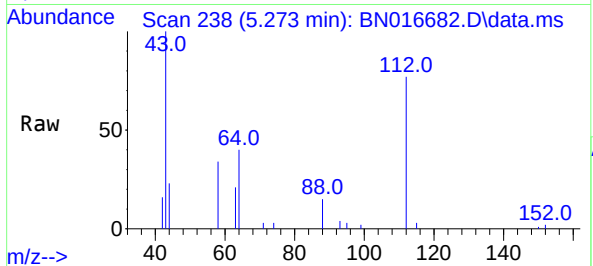
#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:	112	Resp:	7844
Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.1	64.7
63	28.1	21.6	32.4

Instrument :
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RE114D2-20210916

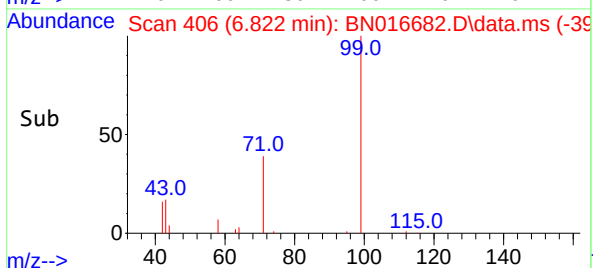
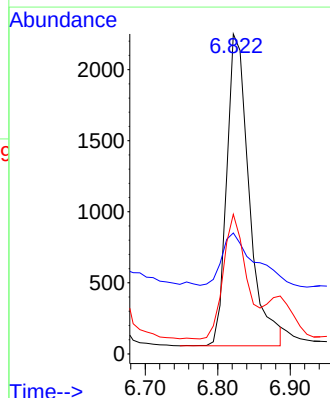
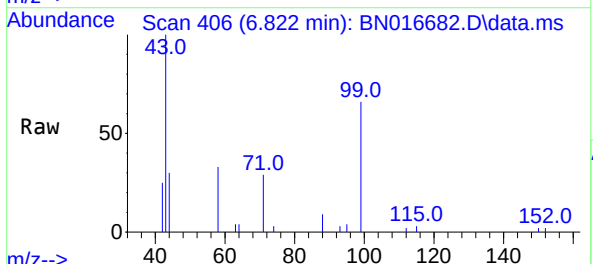
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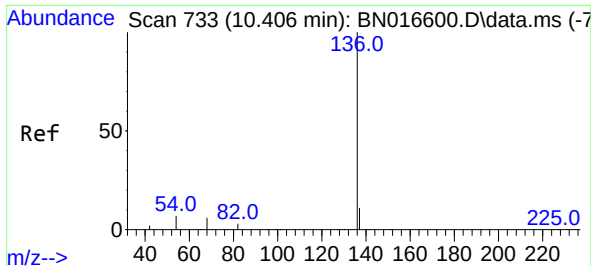
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#5
Phenol-d6
Concen: 0.05 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

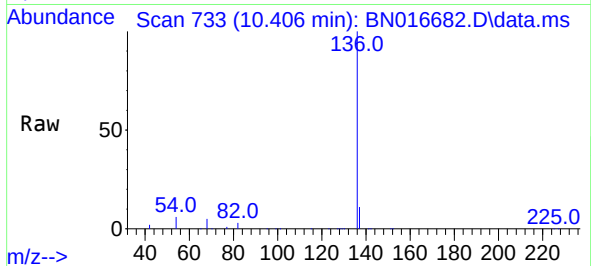
Tgt Ion:	99	Resp:	4735
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.0	19.6#
71	41.5	23.5	35.3#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

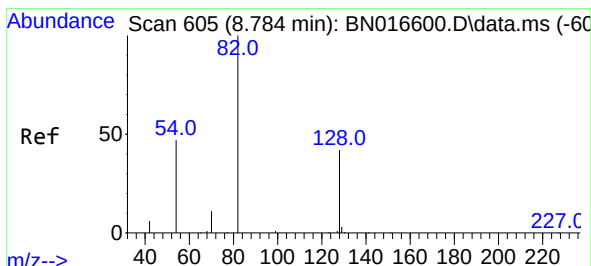
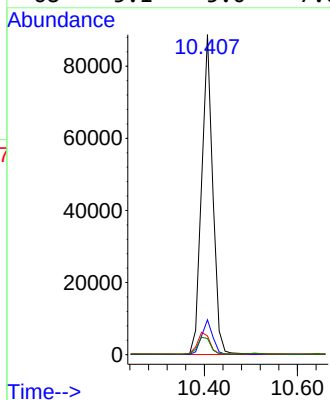
Instrument :
BNA_N
ClientSampleId :
RE114D2-20210916



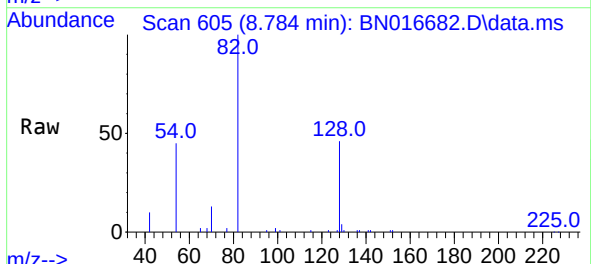
Tgt Ion:	136	Resp:	148446
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.9	5.9	8.9#
68	5.1	5.0	7.6

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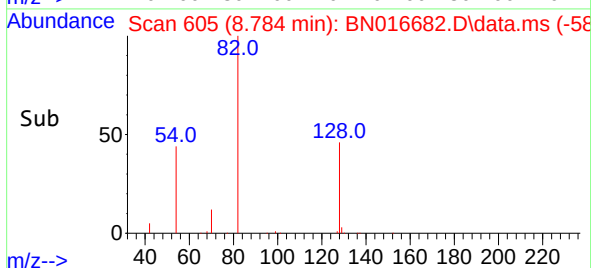
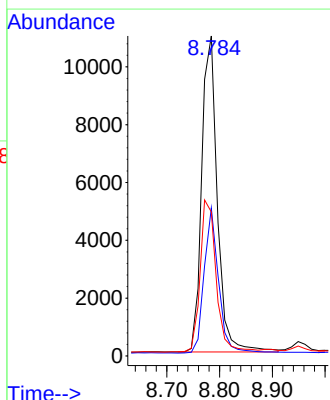
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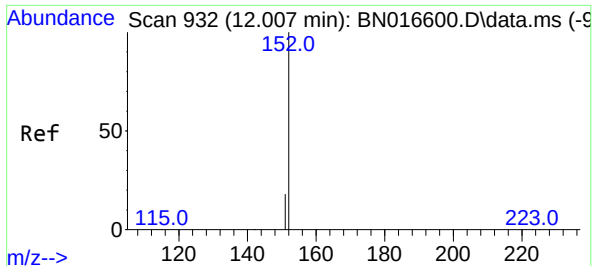


#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57



Tgt Ion:	82	Resp:	22548
Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.6	50.4
54	45.0	37.6	56.4





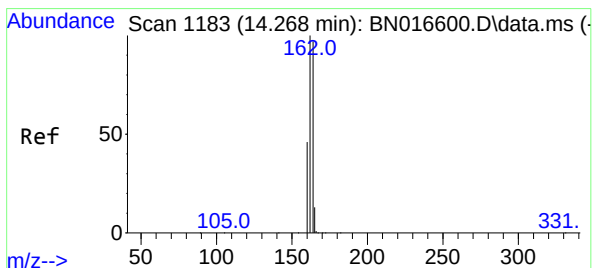
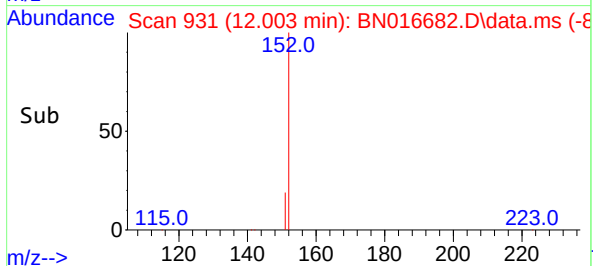
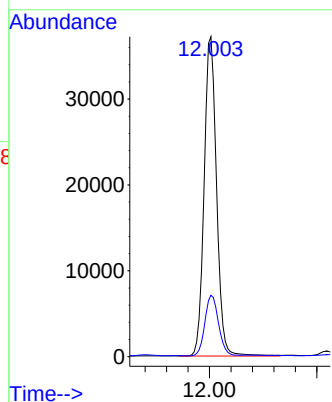
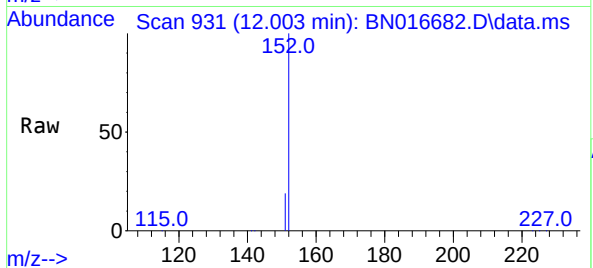
#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:152 Resp: 59635
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4

Instrument :
BNA_N
ClientSampleId :
RE114D2-20210916

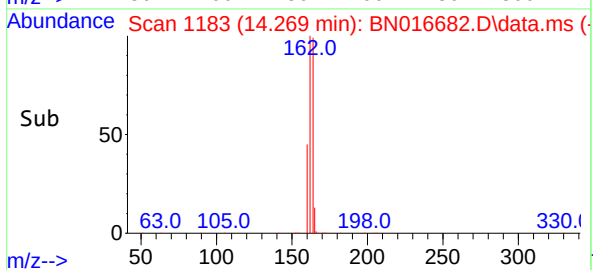
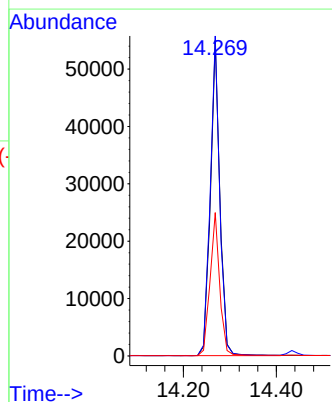
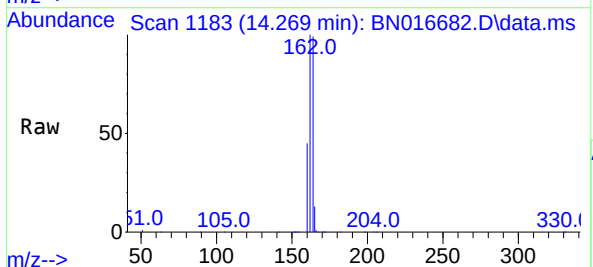
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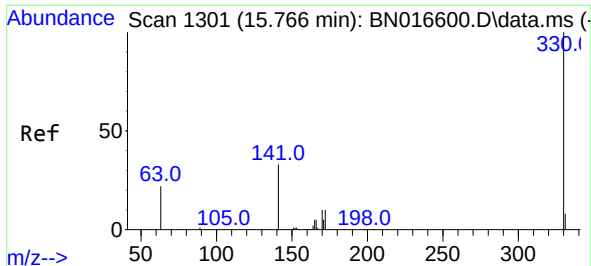
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#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

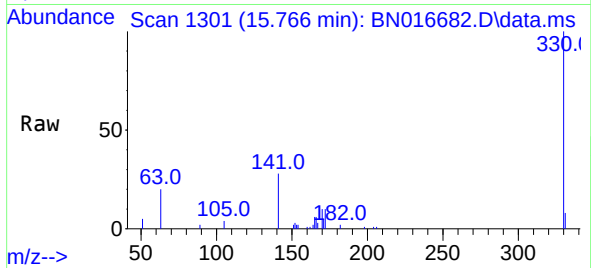
Tgt Ion:164 Resp: 78114
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.4 37.7 56.5





#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

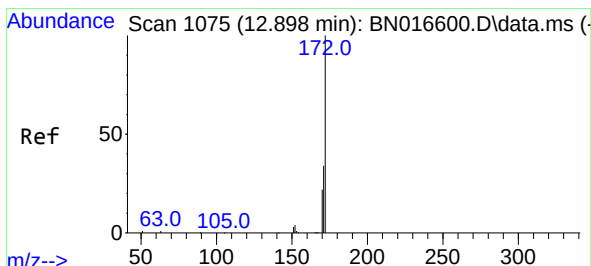
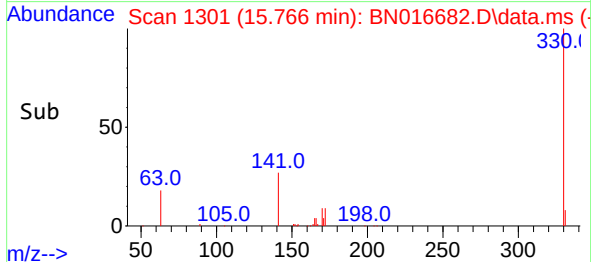
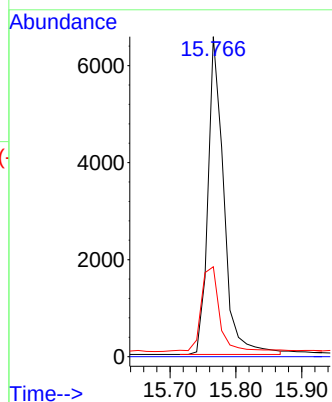
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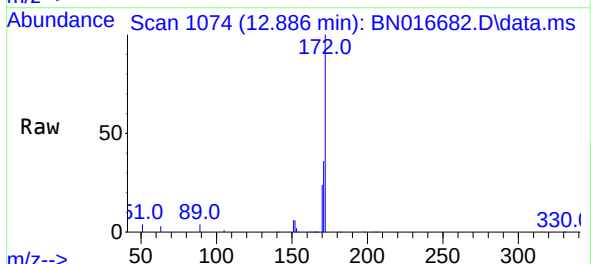
Tgt Ion: 330 Resp: 10953
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 25.2 37.8

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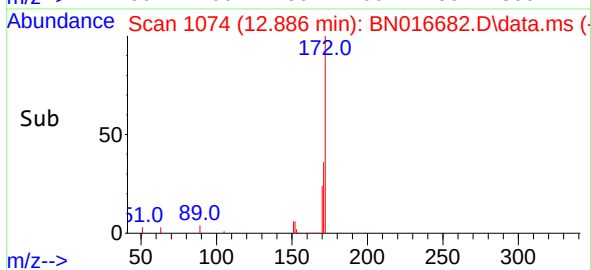
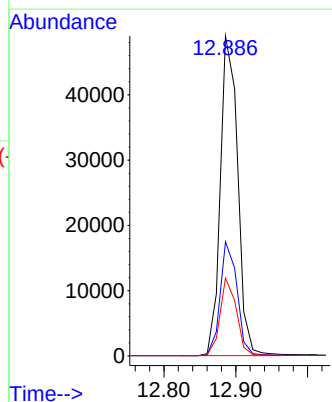
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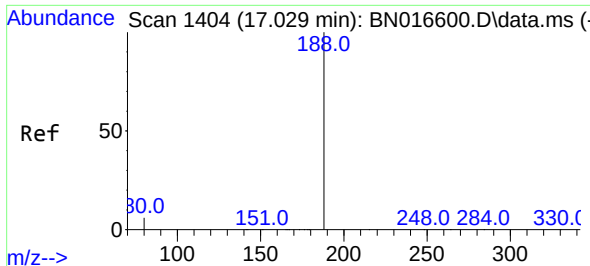


#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57



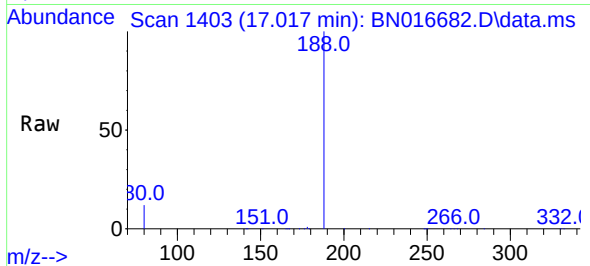
Tgt Ion: 172 Resp: 82363
Ion Ratio Lower Upper
172 100
171 35.7 27.0 40.4
170 24.4 17.4 26.2





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

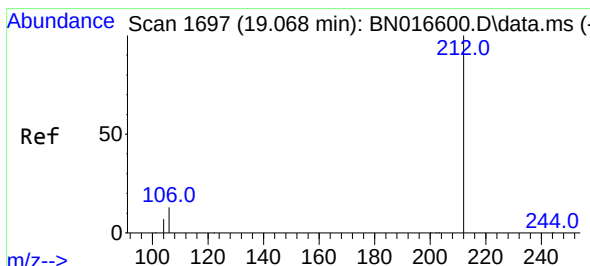
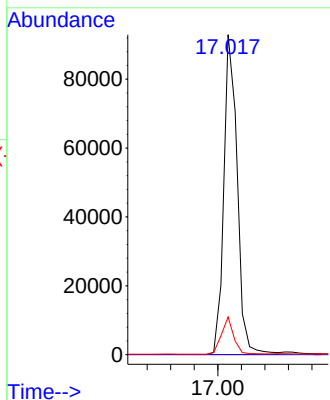
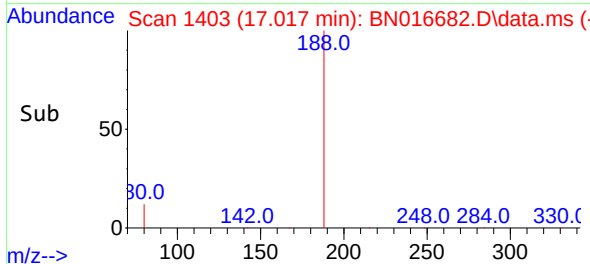
Instrument :
BNA_N
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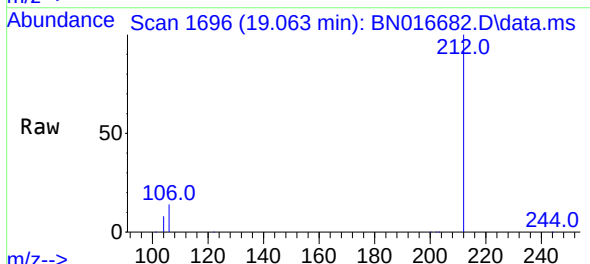
Tgt Ion:188 Resp: 147338
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 5.0 7.6#

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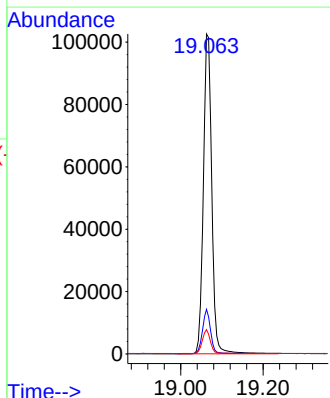
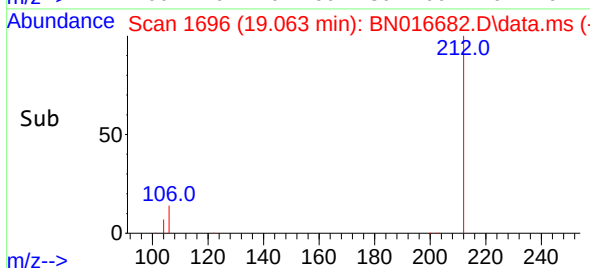
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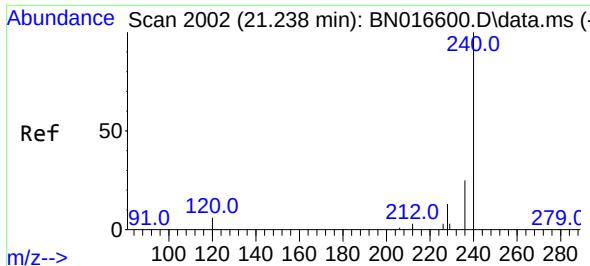


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57



Tgt Ion:212 Resp: 144991
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.1 5.9 8.9





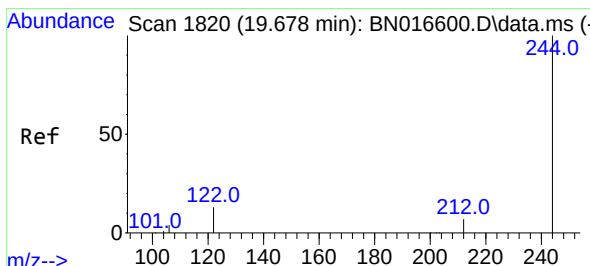
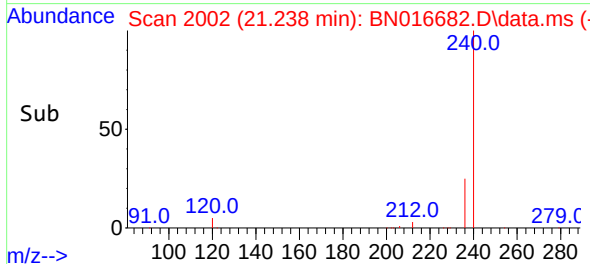
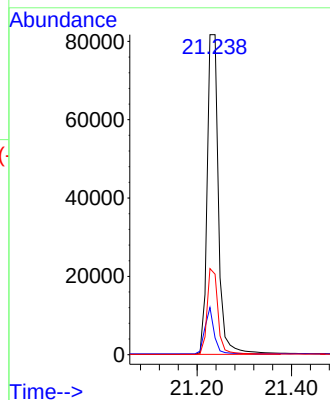
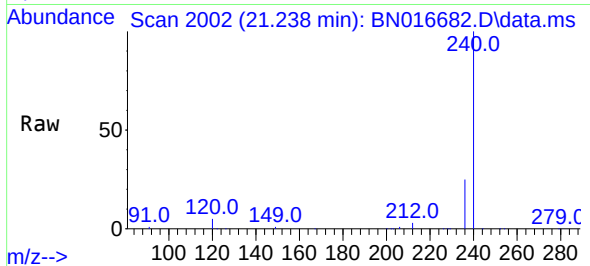
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:240 Resp: 135367
Ion Ratio Lower Upper
240 100
120 5.3 5.0 7.4
236 25.2 20.4 30.6

Instrument :
BNA_N
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RE114D2-20210916

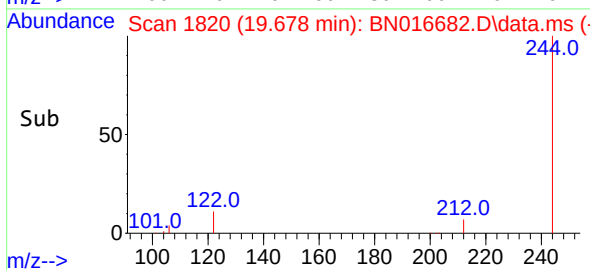
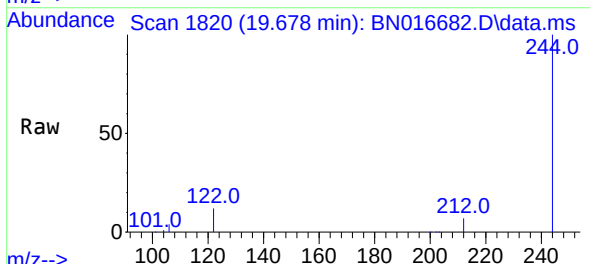
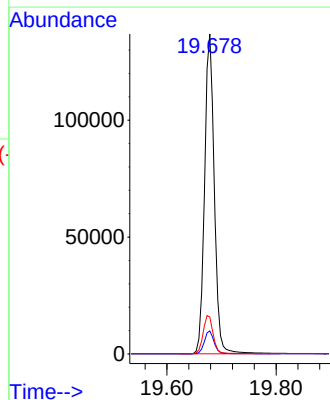
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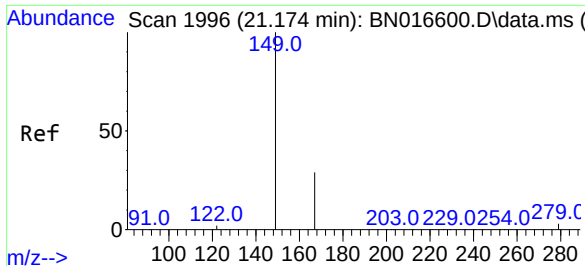
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#31
Terphenyl-d14
Concen: 0.58 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:244 Resp: 170375
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.5 10.1 15.1





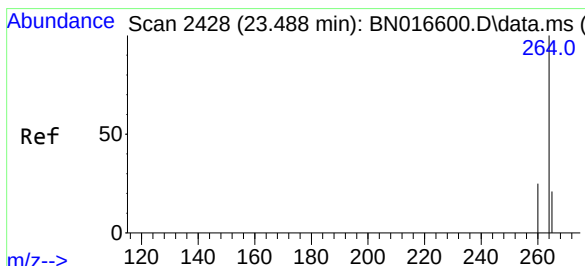
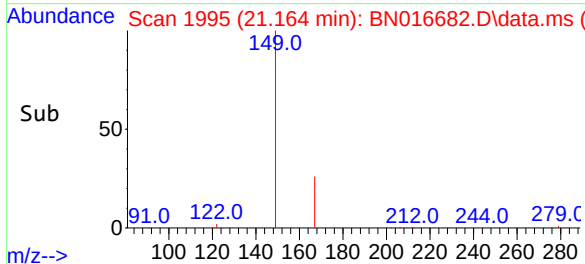
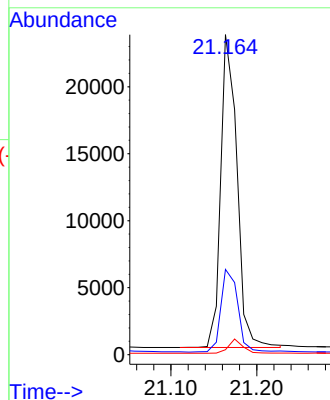
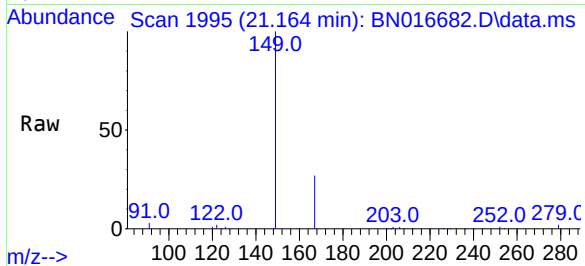
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:149 Resp: 30666
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 4.0 3.2 4.8

Instrument :
BNA_N
ClientSampleId :
RE114D2-20210916

Manual Integrations
APPROVED

mohammad
10/4/2021 11:48:53 AM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:264 Resp: 141177
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 22.4 19.2 28.8

