

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034496.D
 Acq On : 09 Oct 2024 08:33
 Operator : RC/JU
 Sample : P4226-21
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20240926

Quant Time: Oct 09 08:57:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

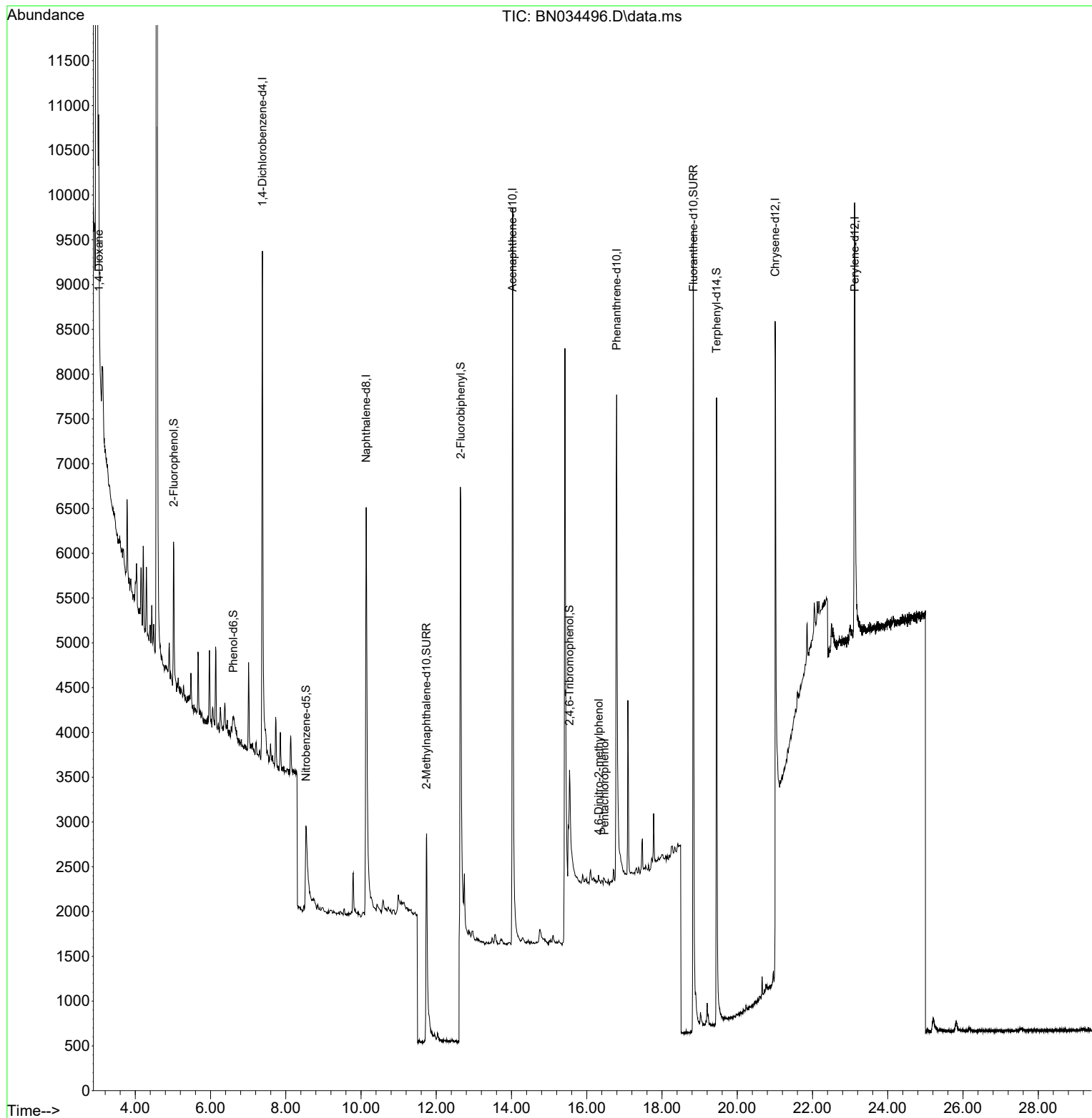
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	3499	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	10070	0.400	ng	-0.01
13) Acenaphthene-d10	14.029	164	6140	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	11730	0.400	ng	0.00
29) Chrysene-d12	21.008	240	7096	0.400	ng	# 0.00
35) Perylene-d12	23.121	264	7634	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1413	0.142	ng	0.00
5) Phenol-d6	6.607	99	544	0.047	ng	0.00
8) Nitrobenzene-d5	8.535	82	1785	0.232	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	5041	0.339	ng	-0.01
14) 2,4,6-Tribromophenol	15.542	330	887	0.319	ng	0.00
15) 2-Fluorobiphenyl	12.650	172	7306	0.293	ng	0.00
27) Fluoranthene-d10	18.834	212	12264	0.414	ng	-0.01
31) Terphenyl-d14	19.451	244	8436	0.595	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1487	0.340	ng	# 60
20) 4,6-Dinitro-2-methylph...	16.324	198	4	0.140	ng	# 1
24) Pentachlorophenol	16.473	266	62	0.025	ng	# 67

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

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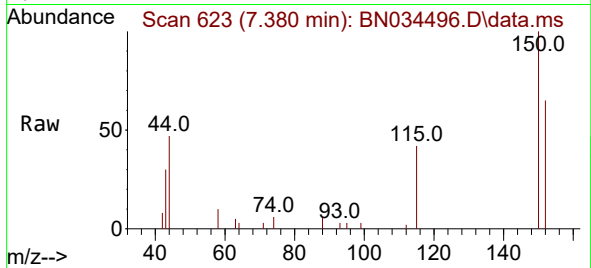
Quant Time: Oct 09 08:57:11 2024
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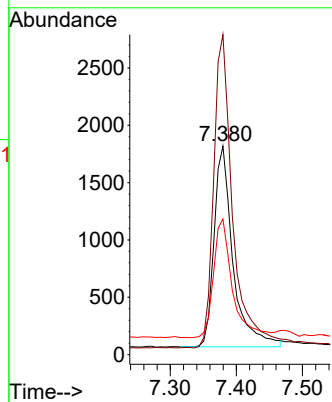
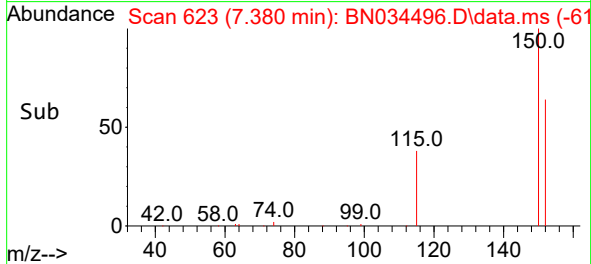


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Instrument :
BNA_N
ClientSampleId :
RE117D1-20240926

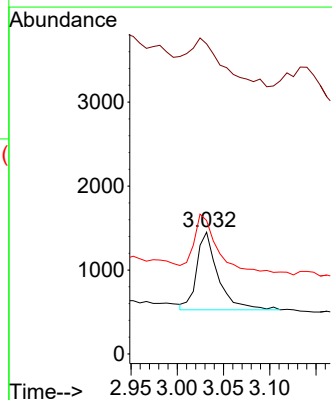
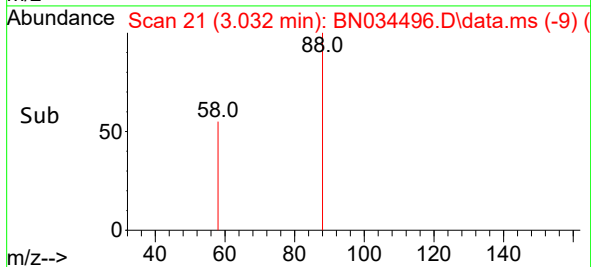
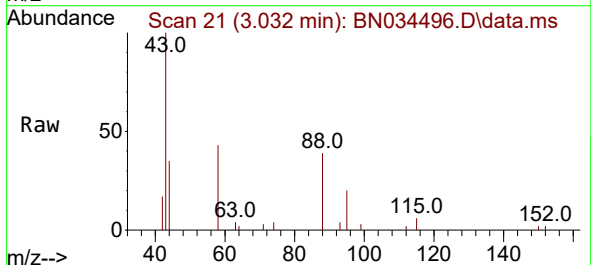


Tgt Ion:152 Resp: 3499
Ion Ratio Lower Upper
152 100
150 153.4 124.6 187.0
115 65.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.340 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion: 88 Resp: 1487
Ion Ratio Lower Upper
88 100
43 96.4 25.8 38.8
58 79.2 58.8 88.2

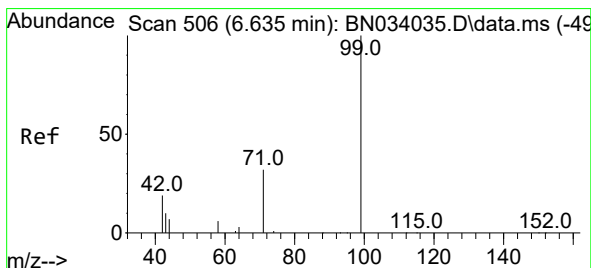
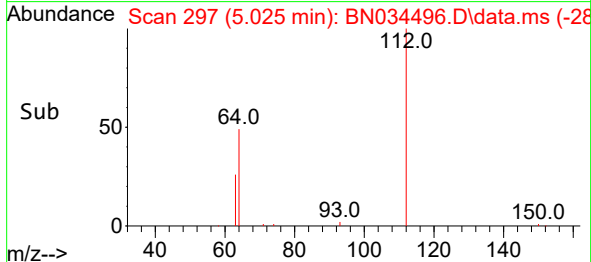
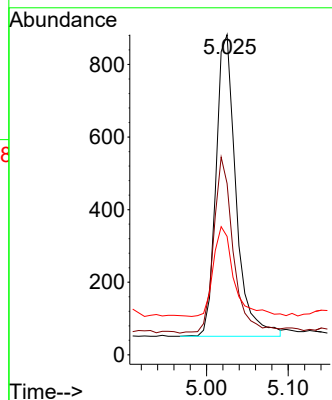
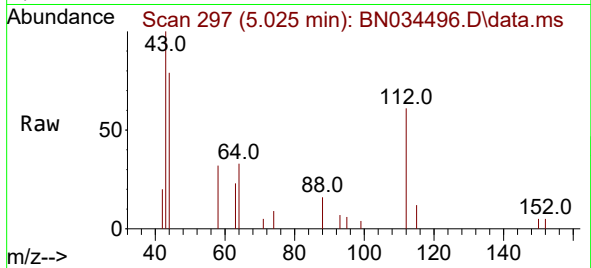




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.025 min Scan# 290
Delta R.T. -0.008 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

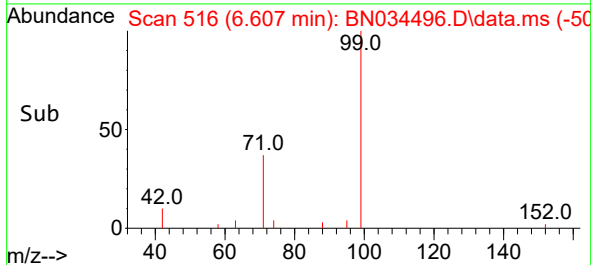
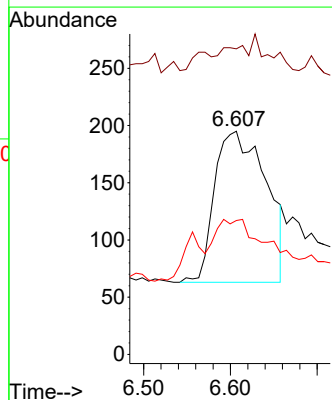
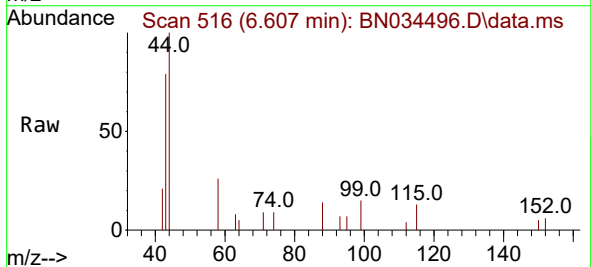
Instrument :
BNA_N
ClientSampleId :
RE117D1-20240926

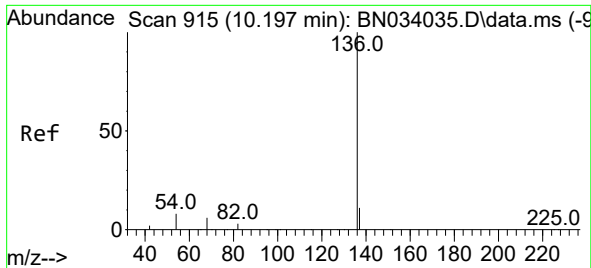
Tgt Ion:112 Resp: 1413
Ion Ratio Lower Upper
112 100
64 57.5 48.6 72.8
63 30.2 25.6 38.4



#5
Phenol-d6
Concen: 0.047 ng
RT: 6.607 min Scan# 516
Delta R.T. 0.007 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion: 99 Resp: 544
Ion Ratio Lower Upper
99 100
42 1.8 17.8 26.8#
71 23.0 26.2 39.2#

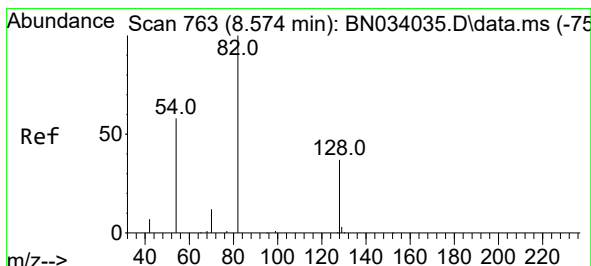
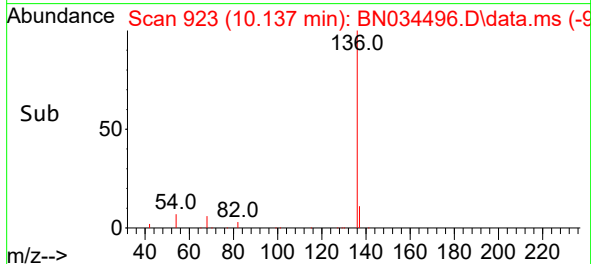
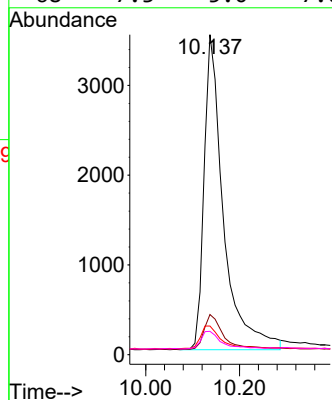
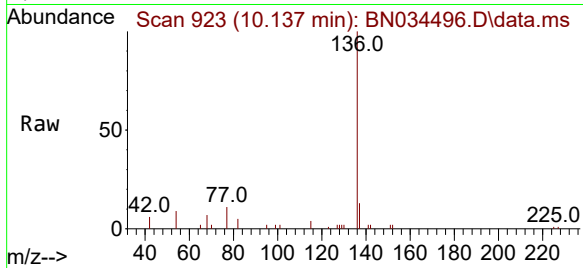




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

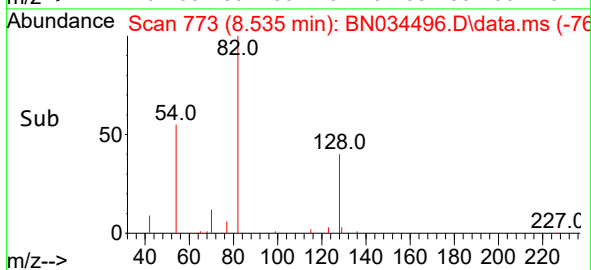
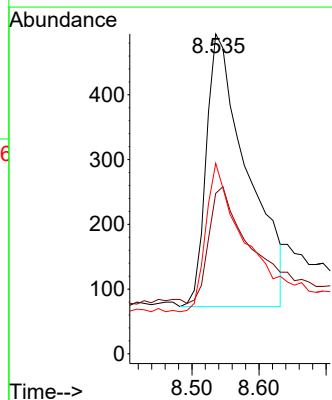
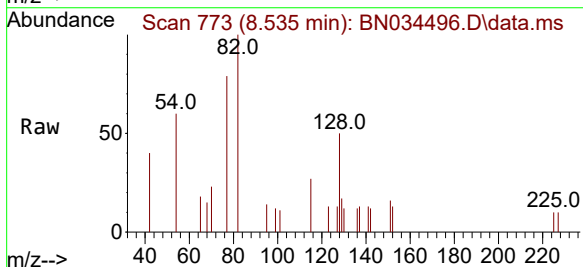
Instrument :
BNA_N
ClientSampleId :
RE117D1-20240926

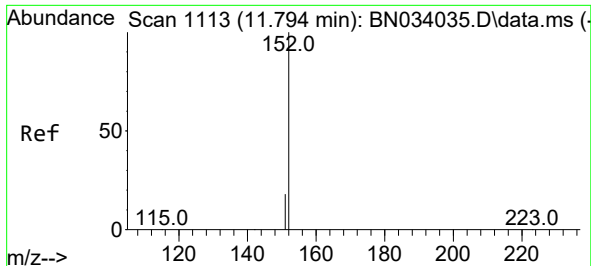
Tgt Ion:	136	Resp:	10070
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.0	13.6
54	8.9	6.8	10.2
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 8.535 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion:	82	Resp:	1785
Ion	Ratio	Lower	Upper
82	100		
128	50.2	31.4	47.2
54	59.5	47.4	71.0

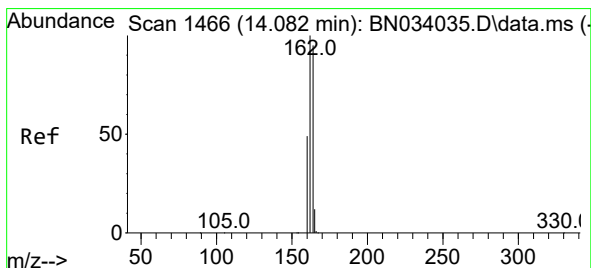
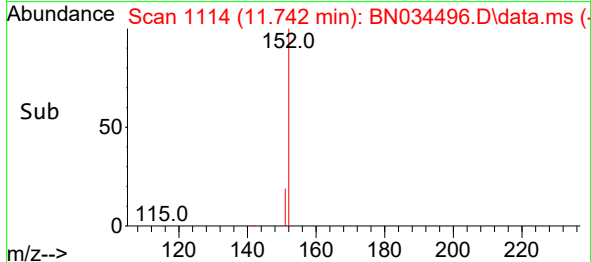
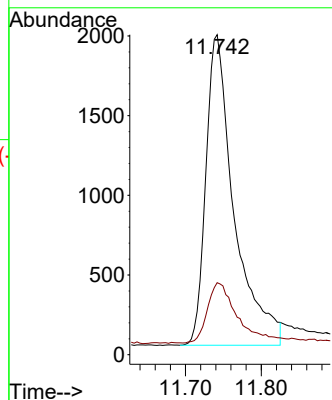
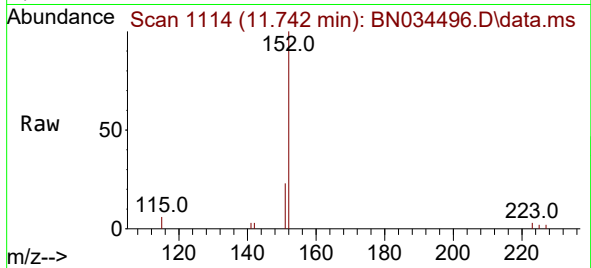




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

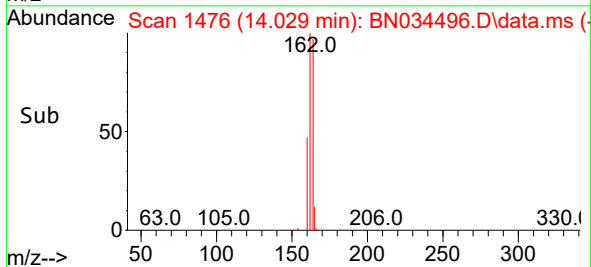
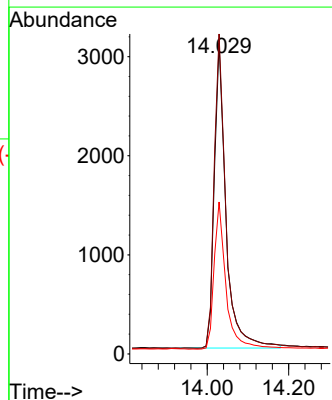
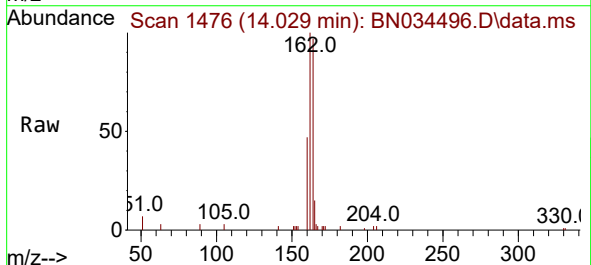
Instrument :
BNA_N
ClientSampleId :
RE117D1-20240926

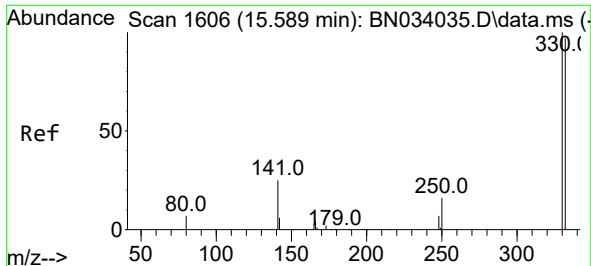
Tgt Ion:152 Resp: 5041
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.029 min Scan# 1476
Delta R.T. -0.018 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion:164 Resp: 6140
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 48.9 41.7 62.5

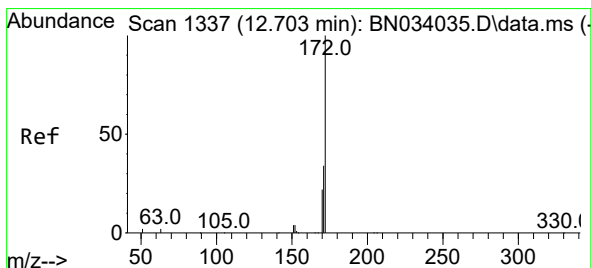
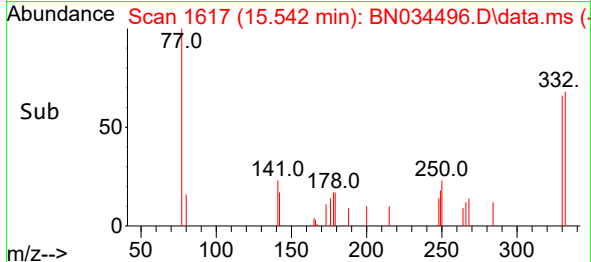
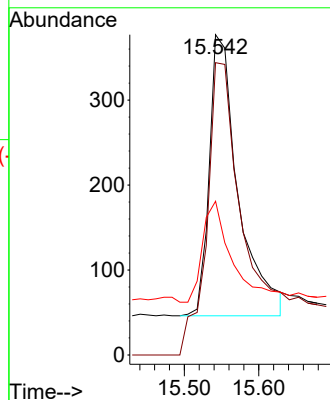
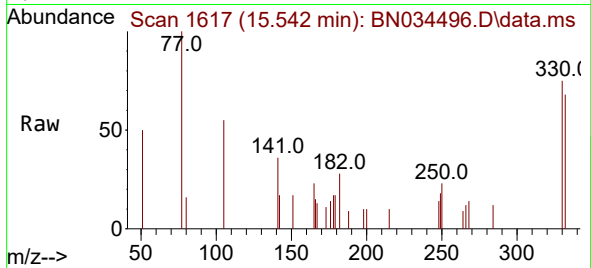




#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.542 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

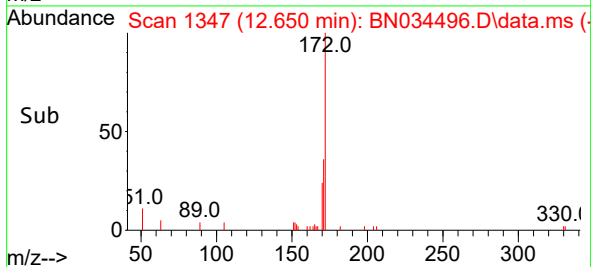
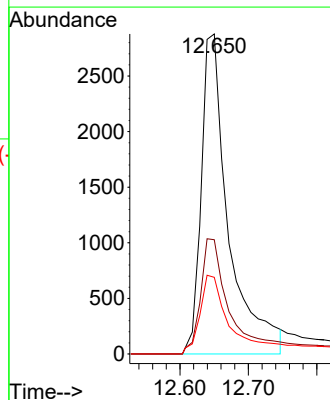
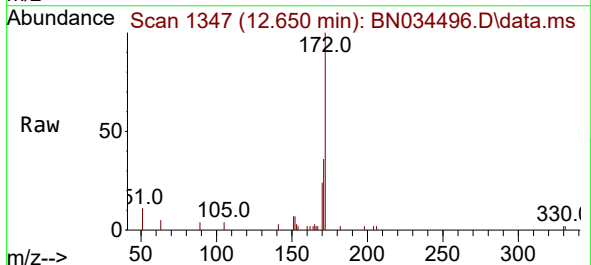
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RE117D1-20240926

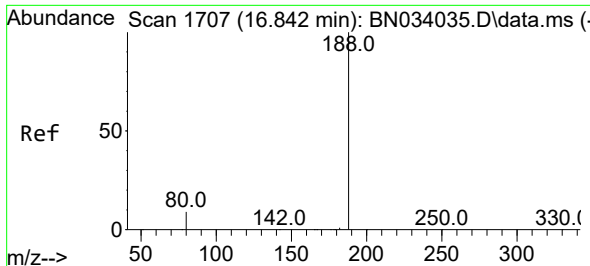
Tgt Ion:330 Resp: 887
Ion Ratio Lower Upper
330 100
332 132.4 77.4 116.0#
141 37.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.650 min Scan# 1347
Delta R.T. -0.007 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion:172 Resp: 7306
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 23.9 18.1 27.1

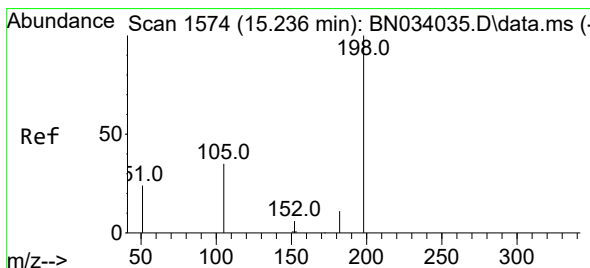
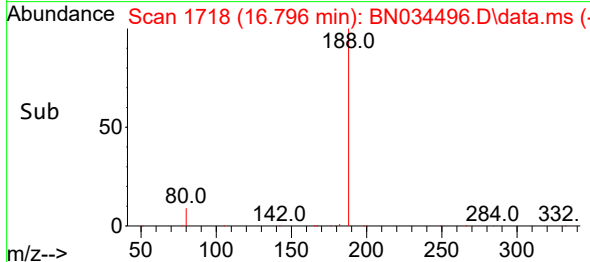
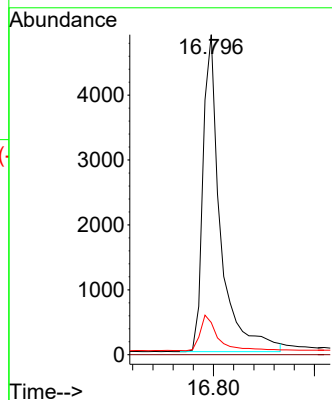
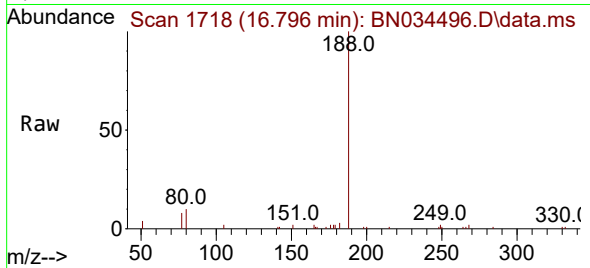




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

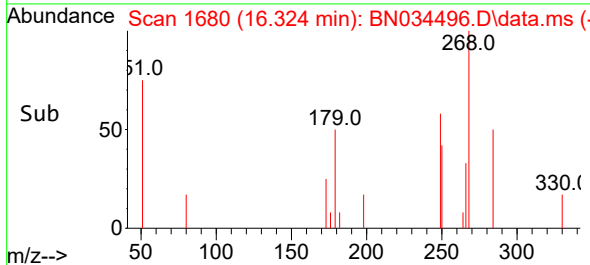
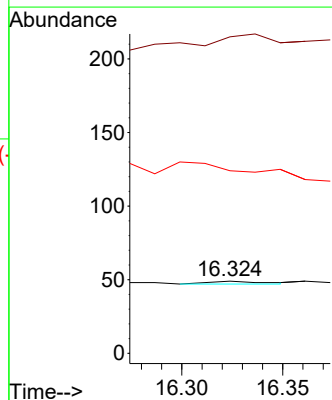
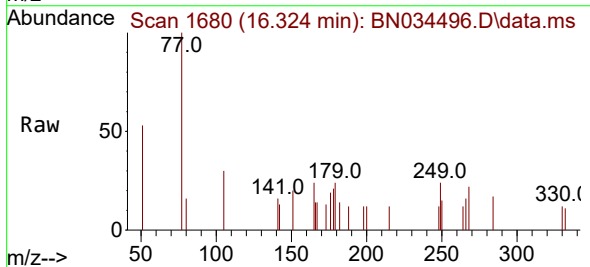
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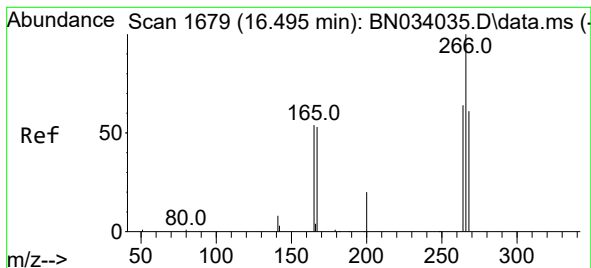
Tgt Ion:188 Resp: 11730
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 16.324 min Scan# 1680
Delta R.T. 0.018 min
Lab File: BN034496.D
Acq: 09 Oct 2024 08:33

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 438.8 106.4 159.6#
105 253.1 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.473 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034496.D

Acq: 09 Oct 2024 08:33

Instrument :

BNA_N

ClientSampleId :

RE117D1-20240926

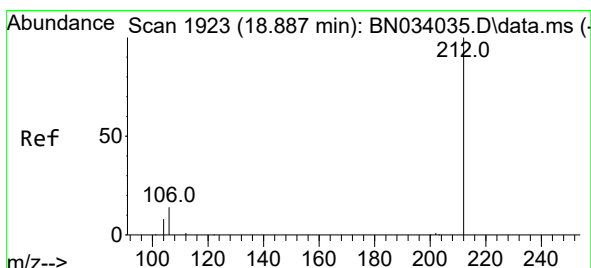
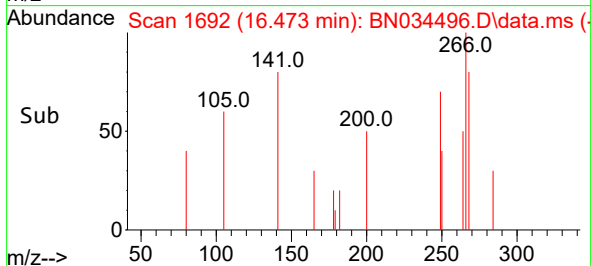
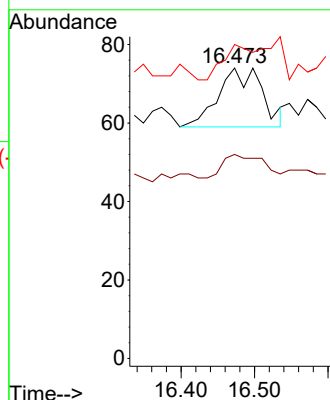
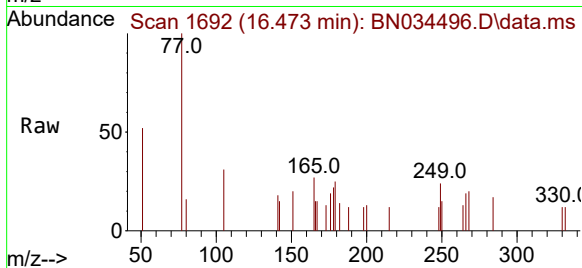
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

264 35.5 50.2 75.2#

268 40.3 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.414 ng

RT: 18.834 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BN034496.D

Acq: 09 Oct 2024 08:33

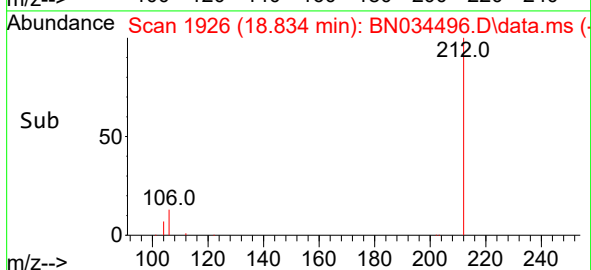
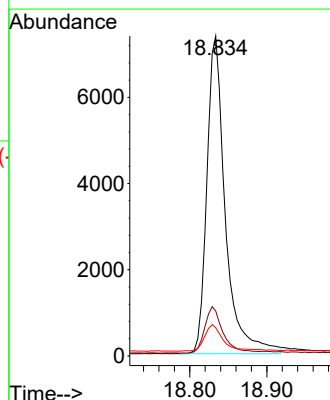
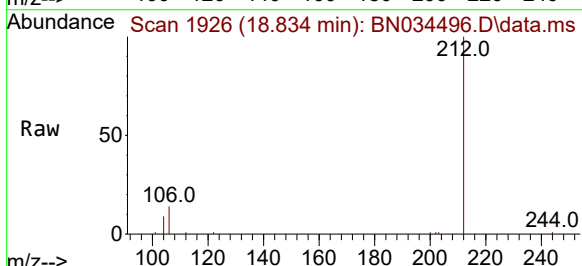
Tgt Ion:212 Resp: 12264

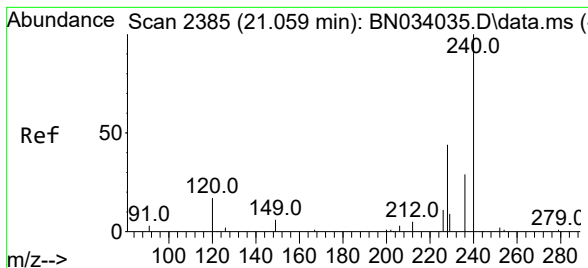
Ion Ratio Lower Upper

212 100

106 14.3 13.4 20.2

104 8.7 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN034496.D

Acq: 09 Oct 2024 08:33

Instrument :

BNA_N

ClientSampleId :

RE117D1-20240926

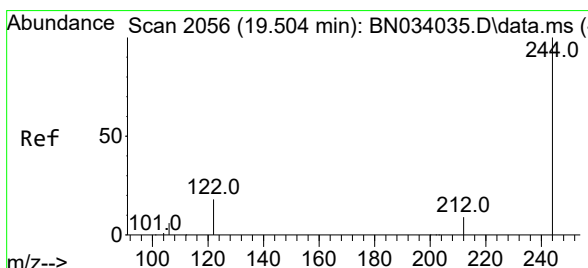
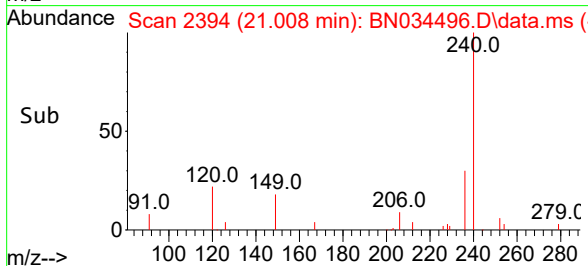
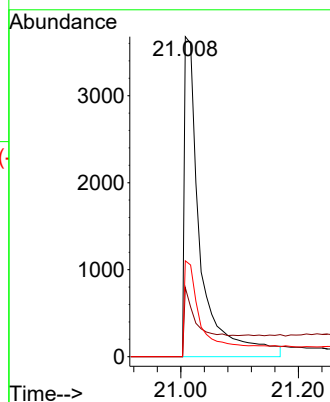
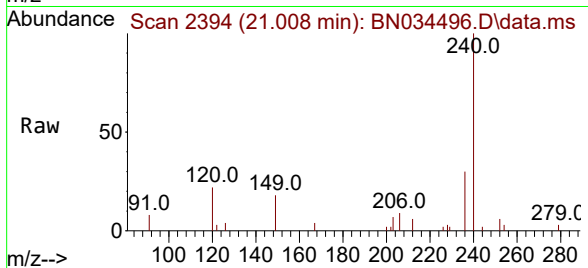
Tgt Ion:240 Resp: 7096

Ion Ratio Lower Upper

240 100

120 21.6 13.5 20.3#

236 29.9 23.4 35.0



#31

Terphenyl-d14

Concen: 0.595 ng

RT: 19.451 min Scan# 2059

Delta R.T. -0.016 min

Lab File: BN034496.D

Acq: 09 Oct 2024 08:33

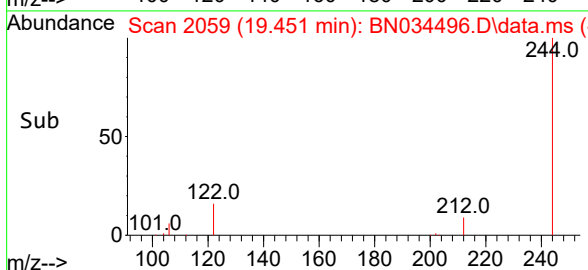
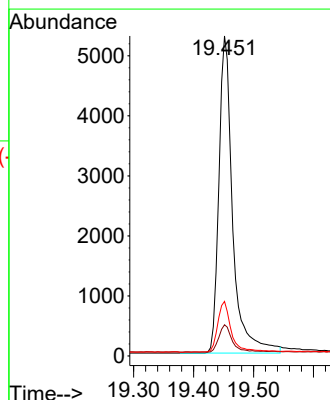
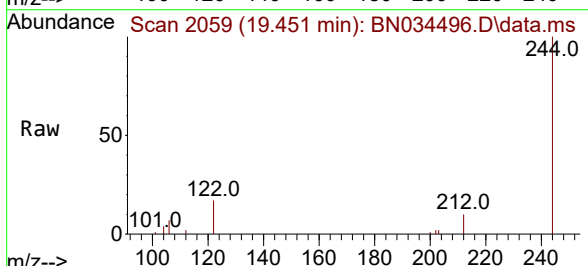
Tgt Ion:244 Resp: 8436

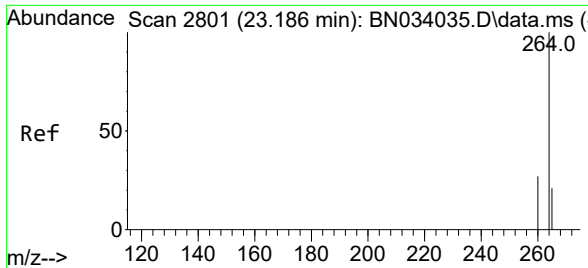
Ion Ratio Lower Upper

244 100

212 9.8 7.8 11.6

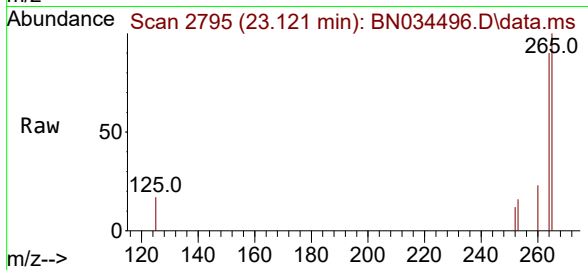
122 17.1 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.121 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN034496.D
 Acq: 09 Oct 2024 08:33

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20240926



Tgt Ion:264 Resp: 7634
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.7 32.5
 265 111.6 52.1 78.1#

