

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003067.D
 Acq On : 20 Aug 2020 16:14
 Operator : CG/JU
 Sample : L3499-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-081820

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:50:40 PM

Quant Time: Aug 20 17:40:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	166556	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	656384	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	385243	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	816722	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1093032	20.00	ng	0.00
86) Perylene-d12	23.42	264	1339362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1160294	106.62	ng	0.00
7) Phenol-d6	6.86	99	1275996	84.45	ng	-0.01
23) Nitrobenzene-d5	8.82	82	844601	69.69	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	668587	139.63	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2343953	83.13	ng	-0.01
79) Terphenyl-d14	19.65	244	3293933	60.33	ng	0.00
Target Compounds						
31) Naphthalene	10.51	128	135406	3.604	ng	Qvalue 99
32) Benzoic acid	9.75	122	4018m	8.239	ng	

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

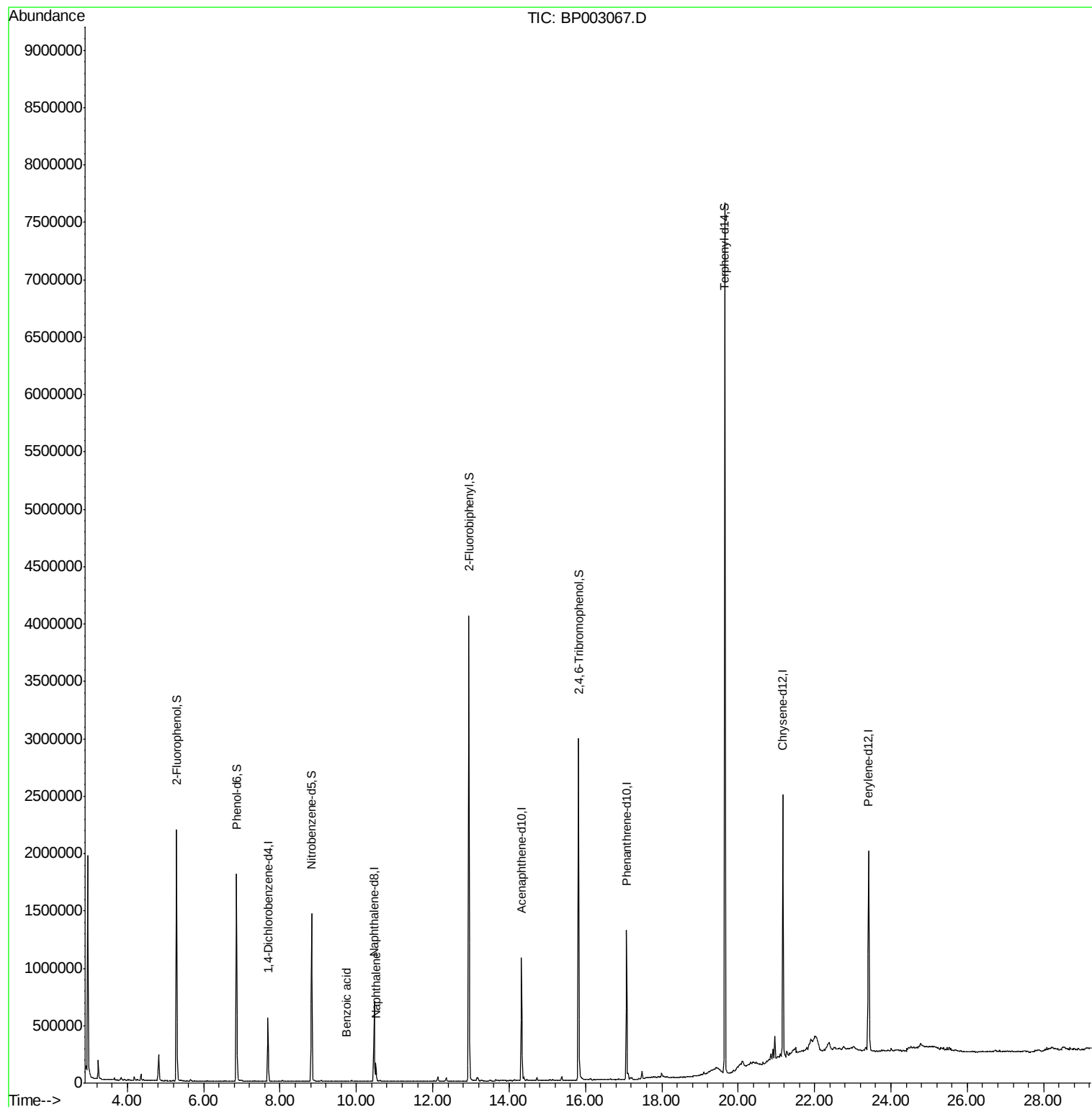
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003067.D
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#1

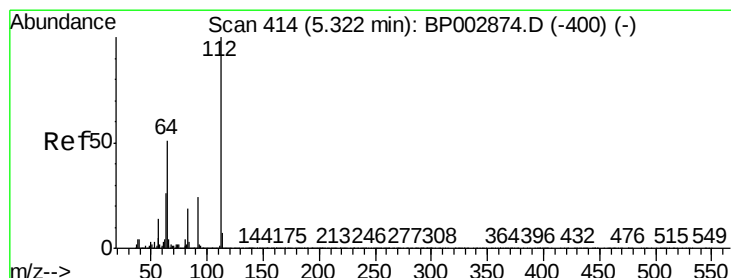
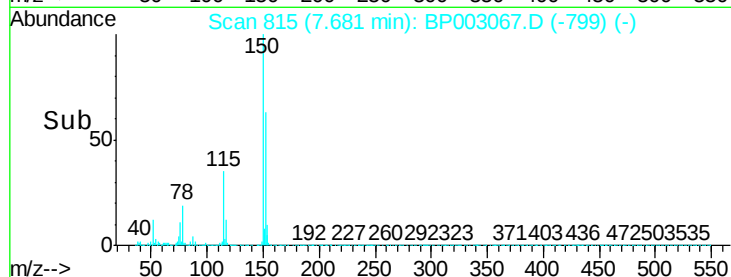
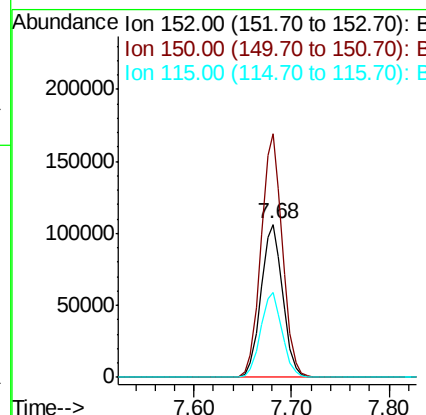
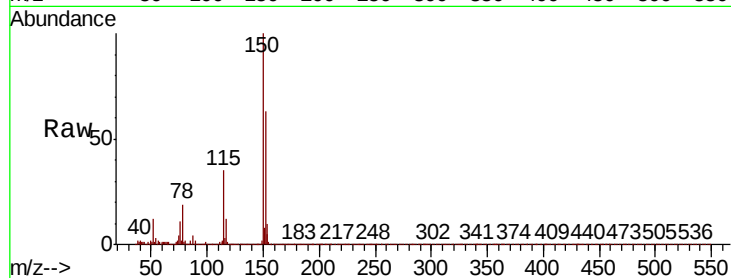
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.1	189.1
115	55.2	43.4	65.2

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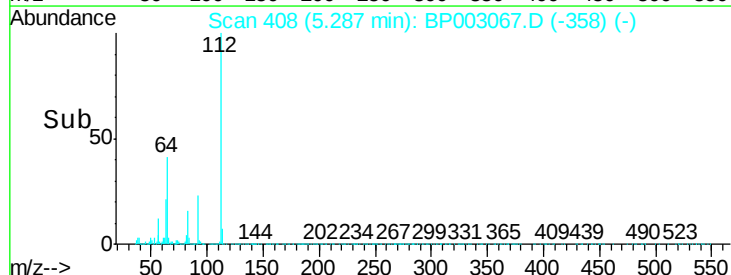
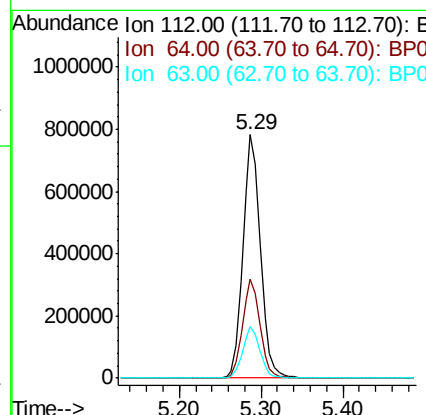
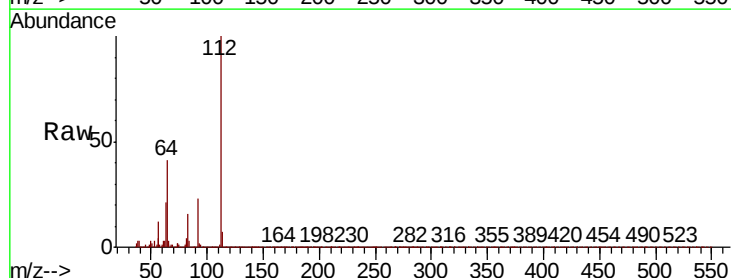
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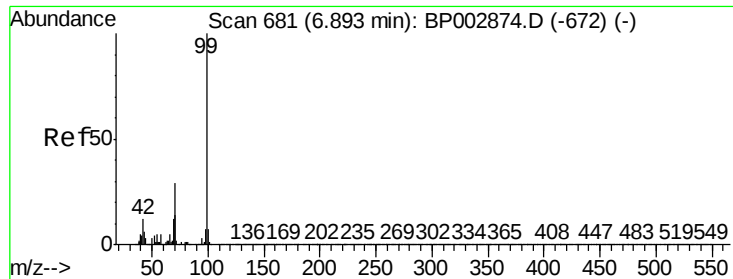


#5

2-Fluorophenol
Concen: 106.620 ng
RT: 5.29 min Scan# 408
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.4	50.2
63	21.4	17.4	26.0





#7

Phenol-d6

Concen: 84.453 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

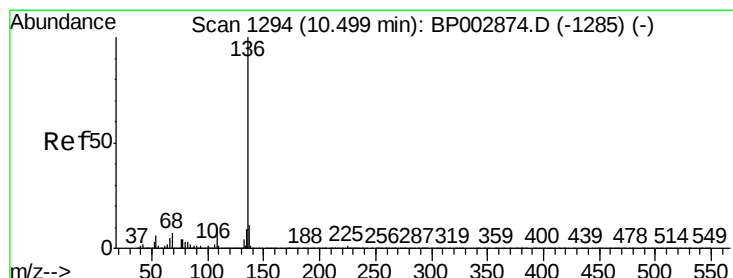
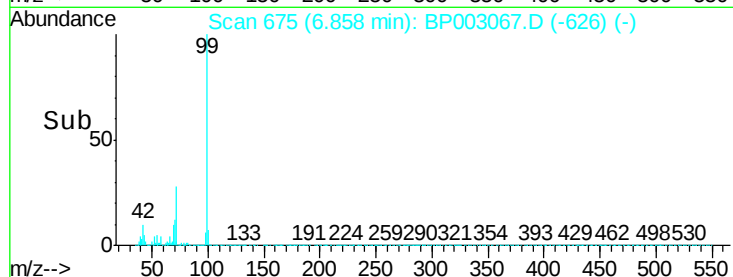
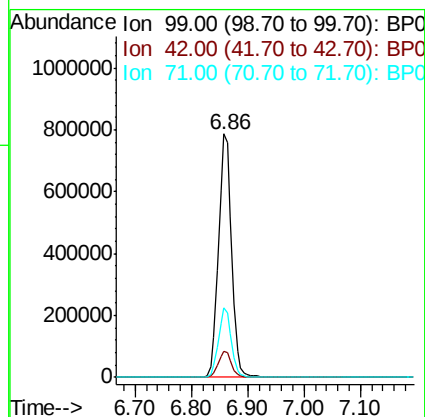
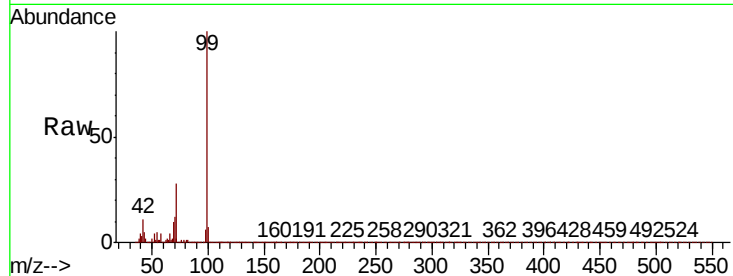
ClientSampleId :

HD-01-081820

Tot Ion:	99	Resp:	1275996
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.0	12.0
71	28.5	21.3	31.9

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#21

Naphthalene-d8

Concen: 20.000 ng

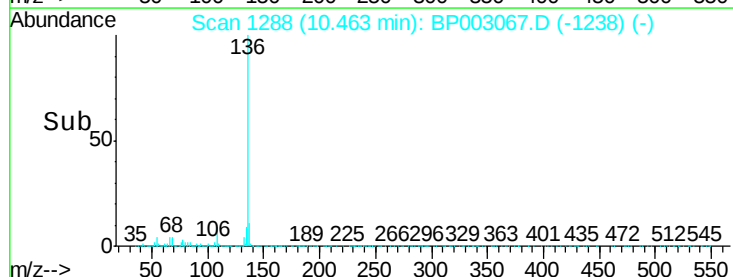
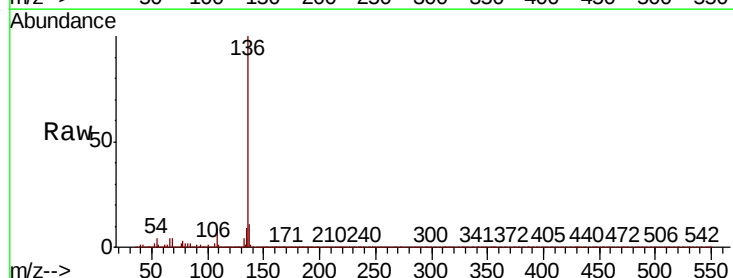
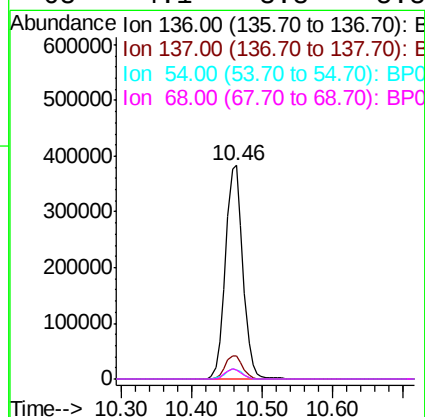
RT: 10.46 min Scan# 1288

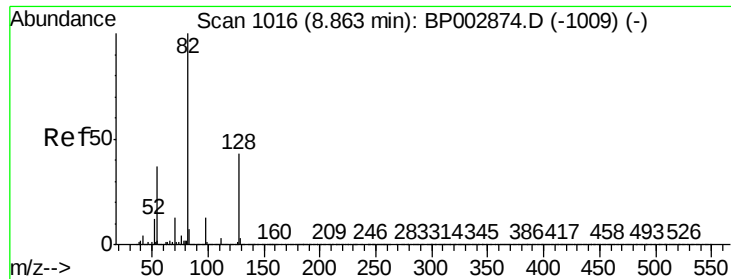
Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Tgt Ion:	136	Resp:	656384
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.5	3.8	5.8
68	4.1	3.8	5.8





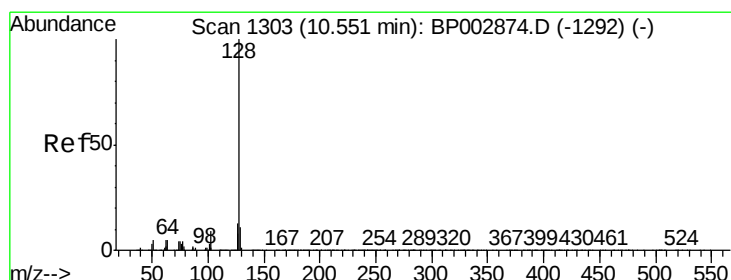
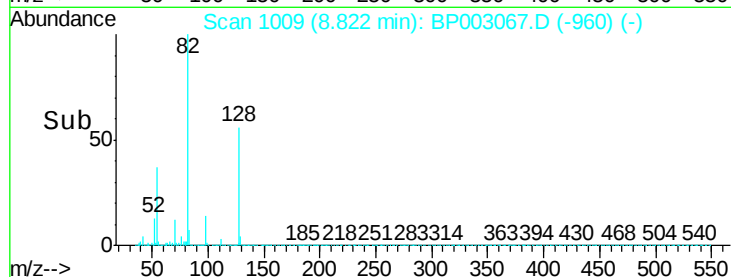
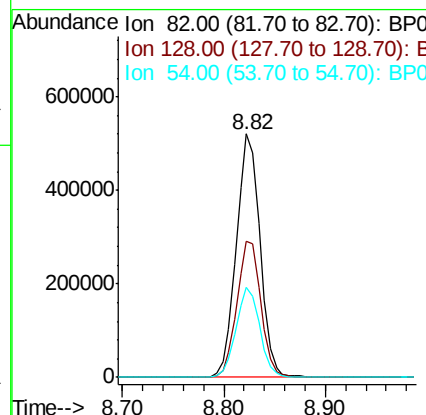
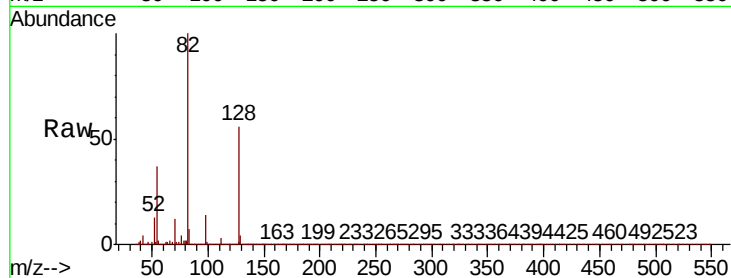
#23
Nitrobenzene-d5
Concen: 69.693 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.1	45.1	67.7
54	36.9	28.8	43.2

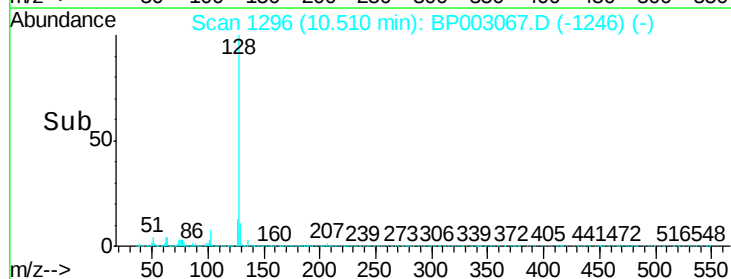
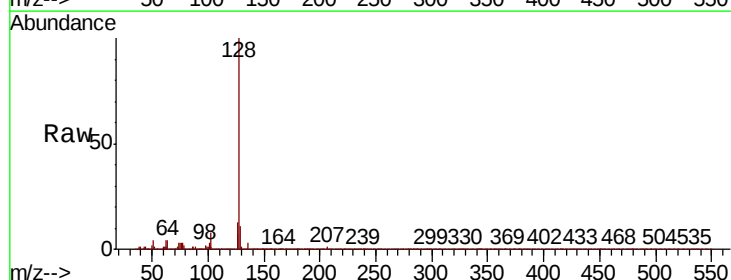
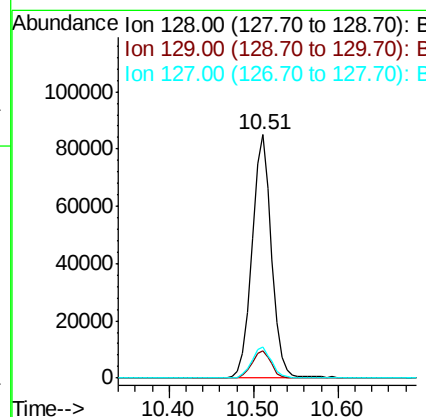
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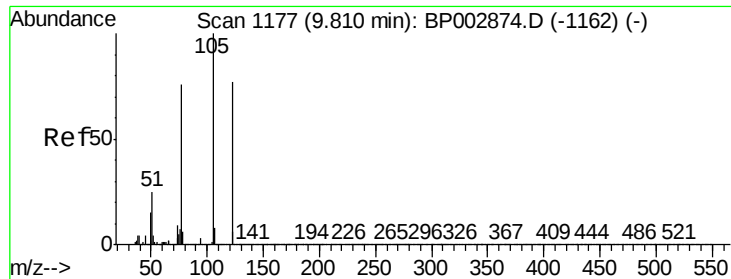
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#31
Naphthalene
Concen: 3.604 ng
RT: 10.51 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.9	10.6	16.0





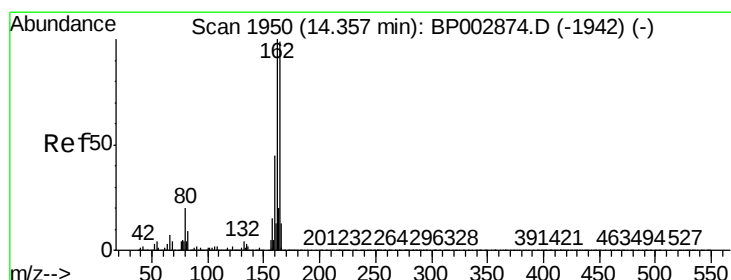
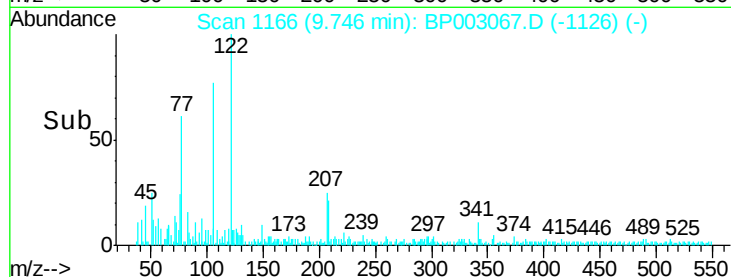
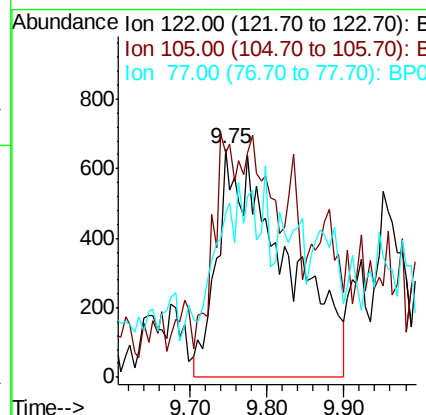
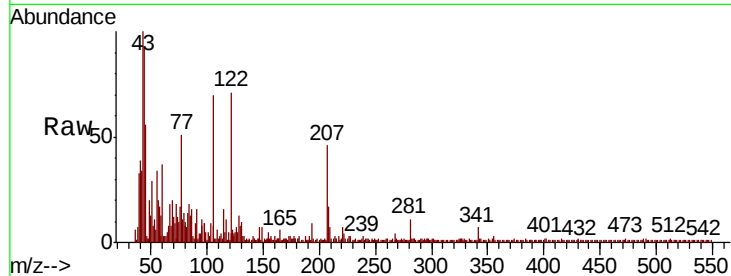
#32
Benzoic acid
Concen: 8.239 ng/mL
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleID :
HD-01-081820

Tot Ion	Ratio	Resp	Lower	Upper
122	100	4018		
105	98.3	96.2	136.2	
77	71.8	55.6	95.6	

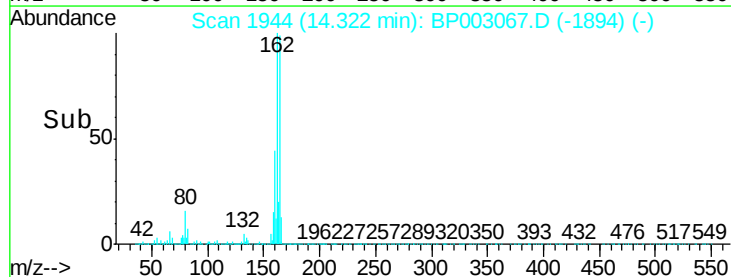
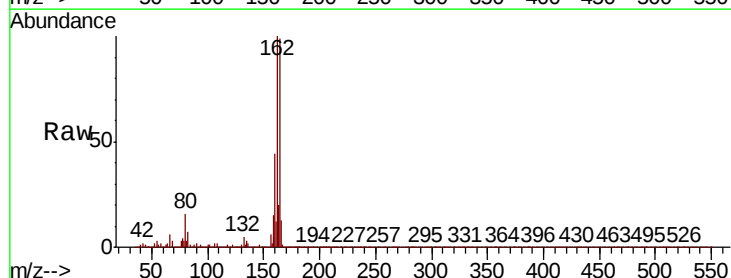
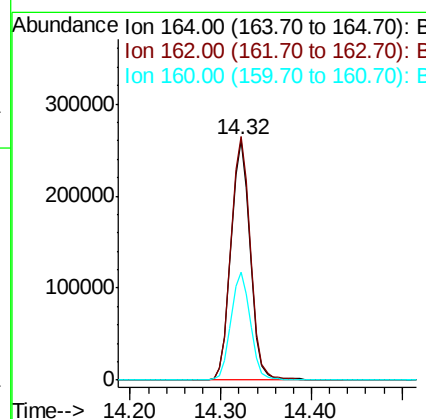
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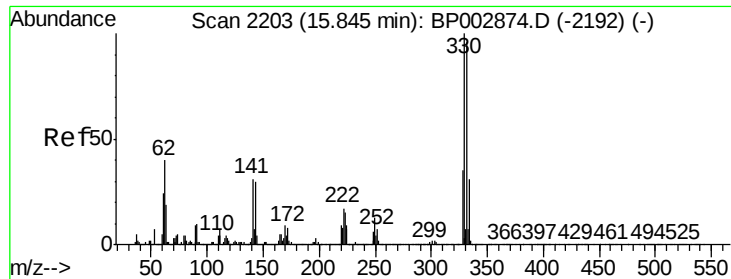
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	385243		
162	101.4	81.4	122.0	
160	45.0	35.5	53.3	





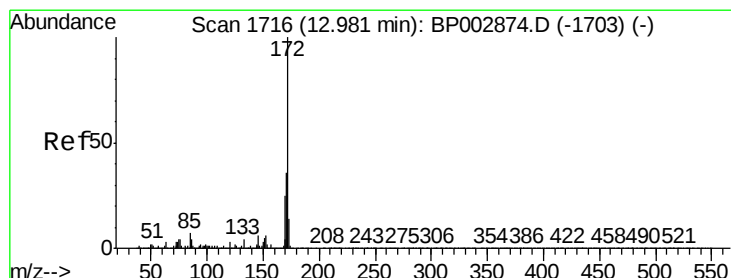
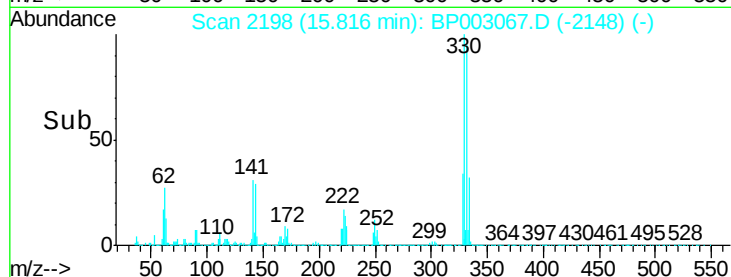
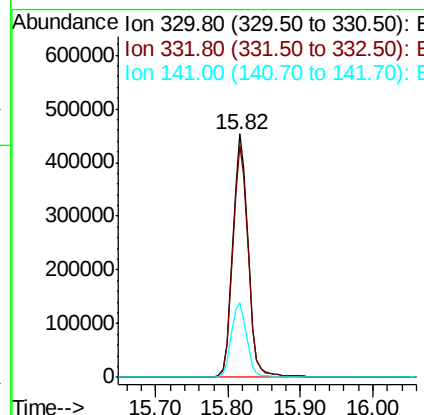
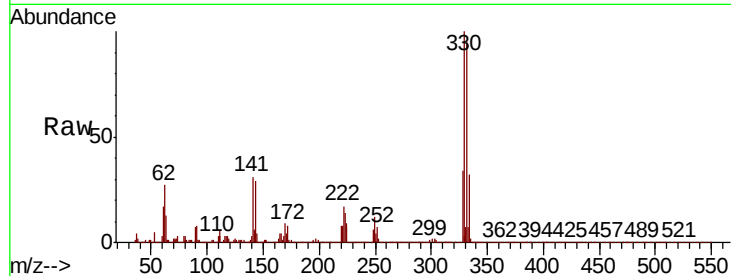
#42
2,4,6-Tribromophenol
Concen: 139.634 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Instrument :
BNA_P
ClientSampleId :
HD-01-081820

Tot Ion	Ratio	Resp	Lower	Upper
330	100	668587		
332	96.1	77.0	115.6	
141	31.2	26.7	40.1	

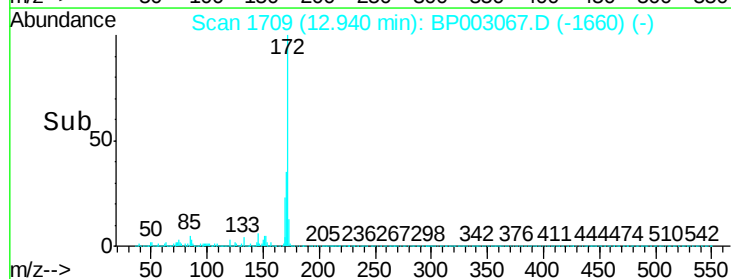
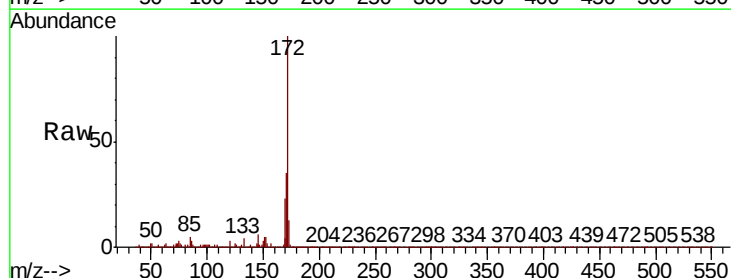
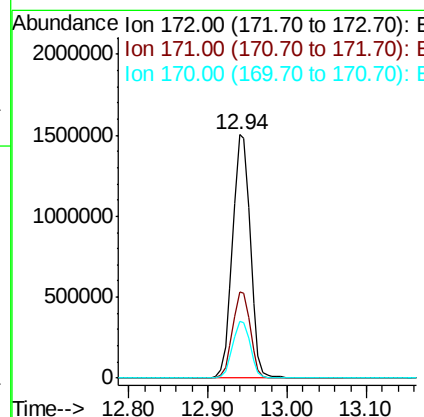
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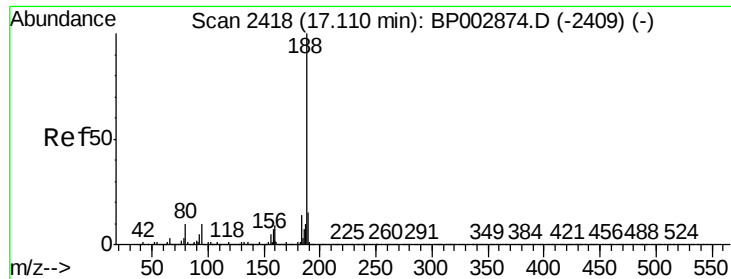
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#45
2-Fluorobiphenyl
Concen: 83.130 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003067.D
Acq: 20 Aug 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2343953		
171	35.3	29.0	43.4	
170	23.3	19.1	28.7	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

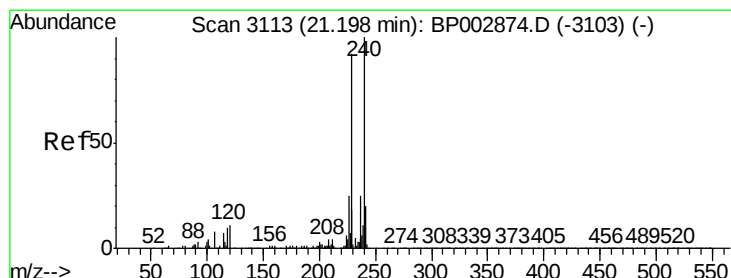
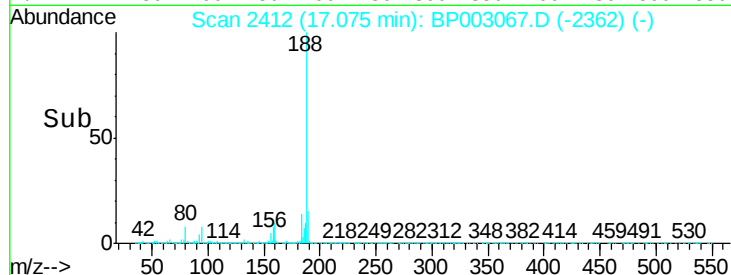
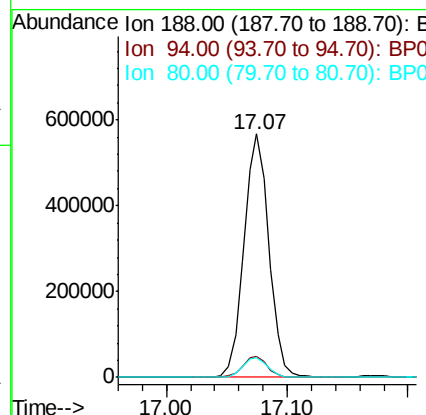
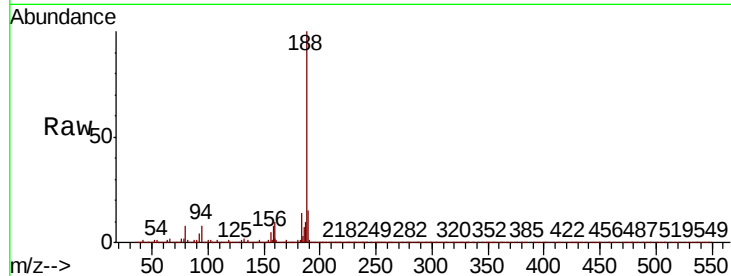
ClientSampleId :

HD-01-081820

Tot Ion:	188	Resp:	816722
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.1	10.7
80	7.9	6.7	10.1

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#76

Chrysene-d12

Concen: 20.000 ng

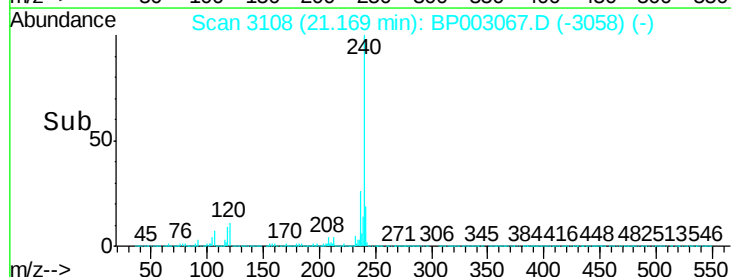
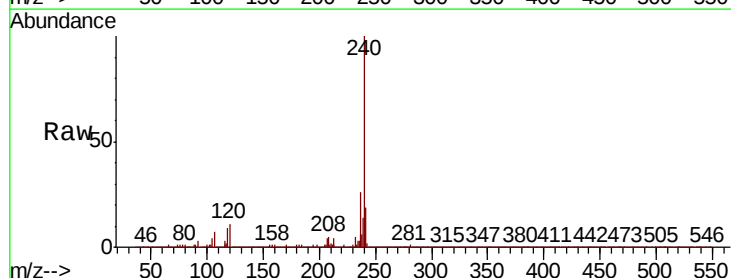
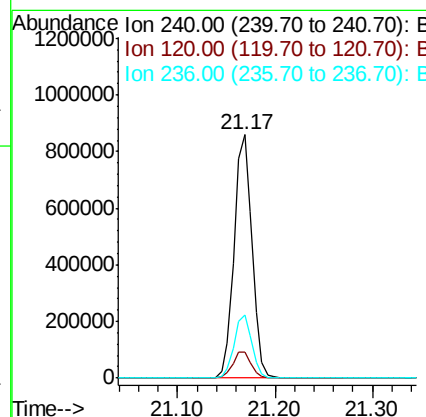
RT: 21.17 min Scan# 3108

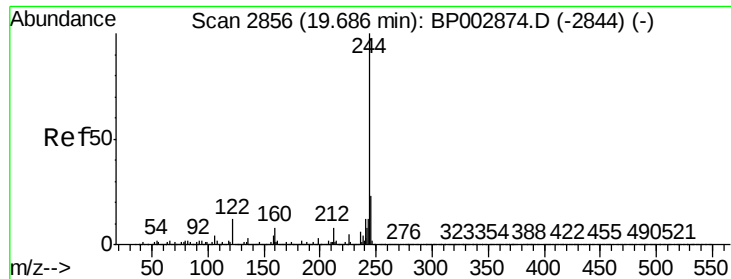
Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Tgt Ion:	240	Resp:	1093032
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.1	20.8	31.2





#79

Terphenyl-d14

Concen: 60.330 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

Instrument :

BNA_P

ClientSampleId :

HD-01-081820

Tot Ion:244 Resp: 3293933

Ion Ratio Lower Upper

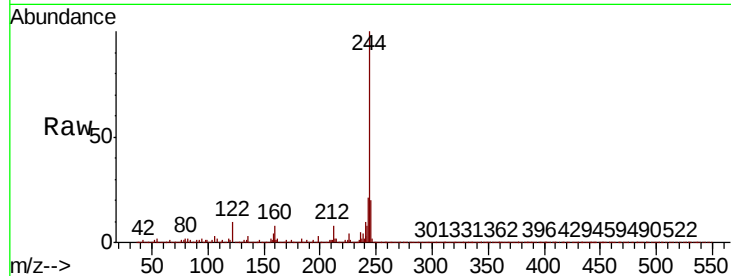
244 100

212 7.5 6.3 9.5

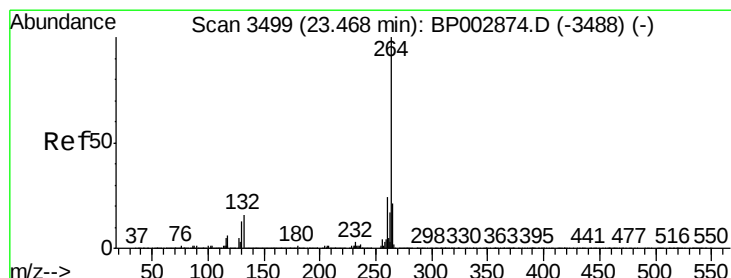
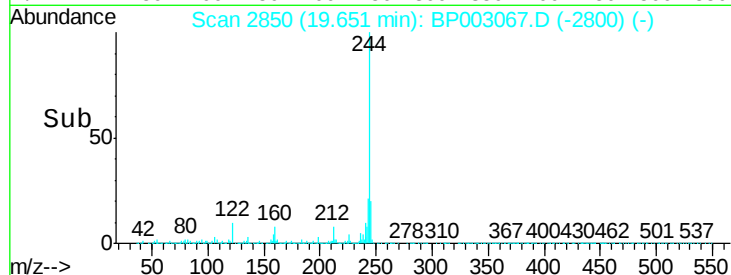
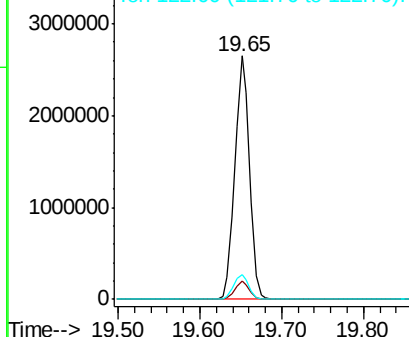
122 10.3 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BP003067.D

Acq: 20 Aug 2020 16:14

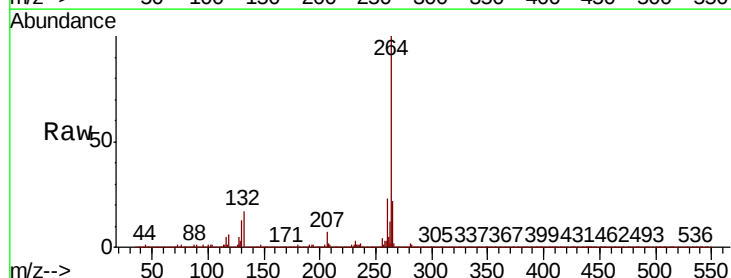
Tgt Ion:264 Resp: 1339362

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

