

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
 Data File : BP002355.D
 Acq On : 02 Jun 2020 13:45
 Operator : CG/JU
 Sample : L2822-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AP8

Manual Integrations
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mohammad
 6/3/2020 4:36:53 PM

Quant Time: Jun 02 16:55:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 12:11:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	247331	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	898051	20.00	ng	0.00
39) Acenaphthene-d10	14.27	164	497943	20.00	ng	0.00
64) Phenanthrene-d10	17.03	188	922908	20.00	ng	0.00
76) Chrysene-d12	21.12	240	972560	20.00	ng	0.00
86) Perylene-d12	23.33	264	1095807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1731896	131.51	ng	0.00
7) Phenol-d6	6.82	99	2074828	115.82	ng	0.02
23) Nitrobenzene-d5	8.77	82	1836979	122.98	ng	0.01
42) 2,4,6-Tribromophenol	15.78	330	655000	138.79	ng	0.02
45) 2-Fluorobiphenyl	12.89	172	2564553	90.88	ng	0.01
79) Terphenyl-d14	19.61	244	3763529	93.71	ng	0.00
Target Compounds						
10) Phenol	6.85	94	3785109	192.020	ng	97
17) 2-Methylphenol	8.09	107	4031624	286.357	ng	94
20) 3+4-Methylphenols	8.44	107	7746182	404.879	ng	92
27) 2,4-Dimethylphenol	9.62	122	5873936m	514.235	ng	
31) Naphthalene	10.44	128	313428	7.442	ng	99
32) Benzoic acid	9.84	122	300672m	35.314	ng	
37) 2-Methylnaphthalene	12.06	142	153180	5.187	ng	98
38) 1-Methylnaphthalene	12.28	142	101123	3.607	ng	# 97
49) Acenaphthylene	13.99	152	892825	20.930	ng	# 78
50) Dimethylphthalate	13.77	163	263129	7.807	ng	# 1
53) 3-Nitroaniline	14.21	138	342312	40.902	ng	# 5
54) 2,4-Dinitrophenol	14.38	184	77463	20.958	ng	# 63

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

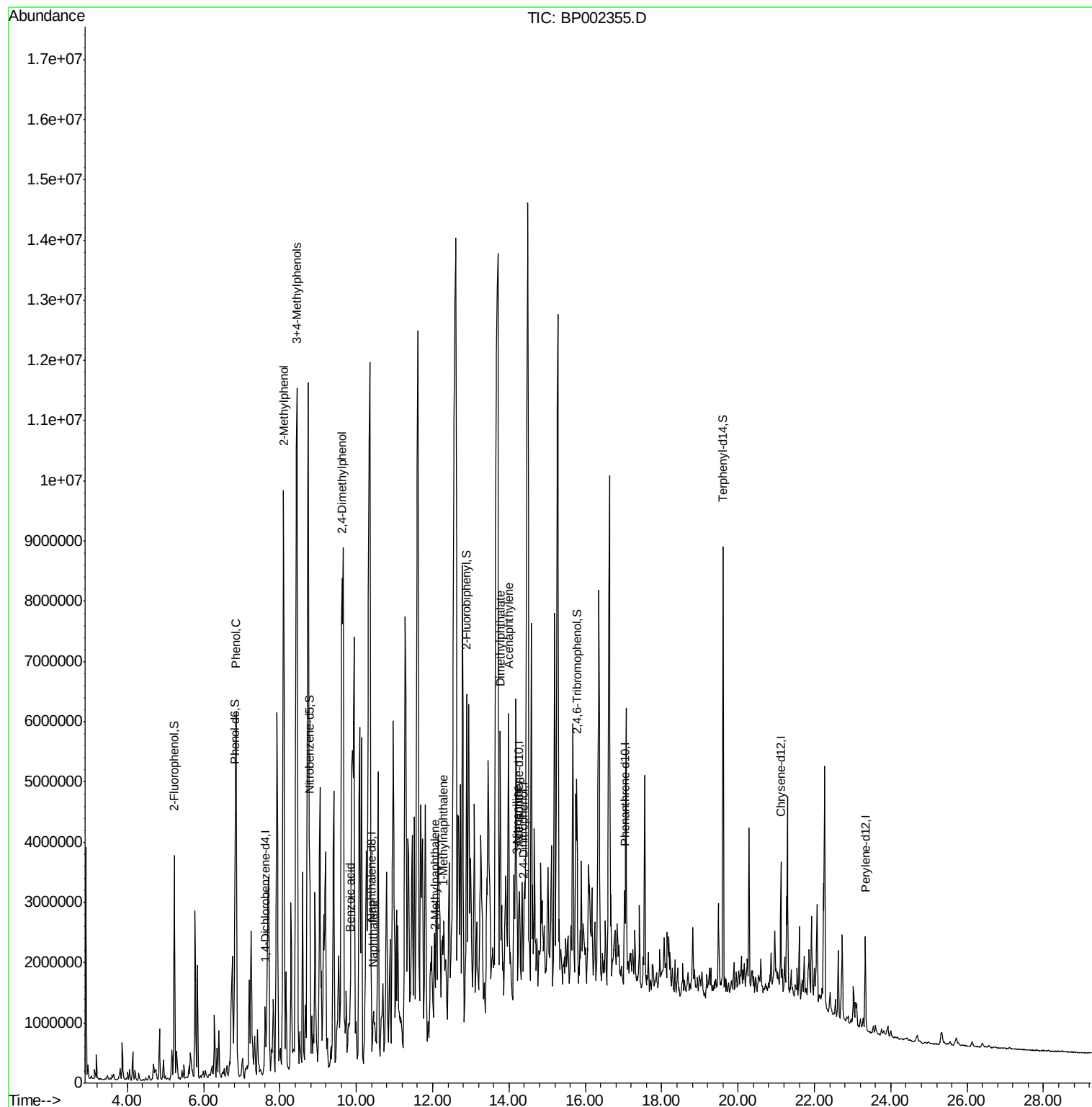
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
Data File : BP002355.D
Acq On : 02 Jun 2020 13:45
Operator : CG/JU
Sample : L2822-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

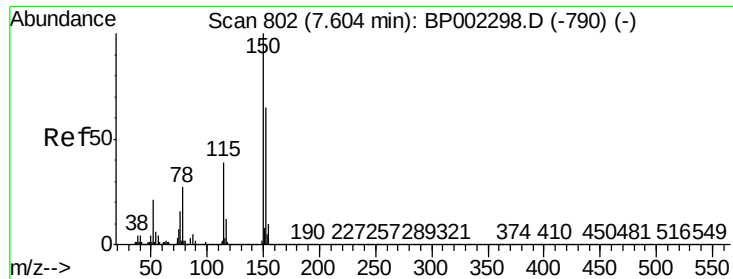
Instrument :
BNA_P
ClientSampled :
C0AP8

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Quant Time: Jun 02 16:55:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 12:11:53 2020
Response via : Initial Calibration





#1

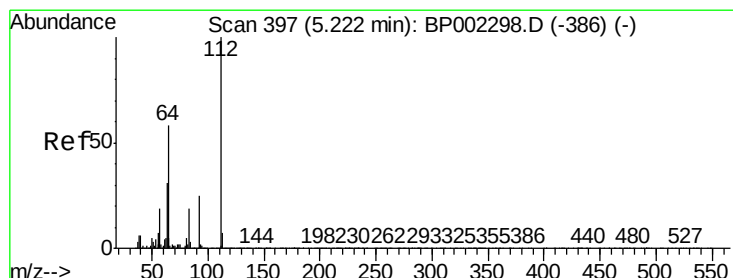
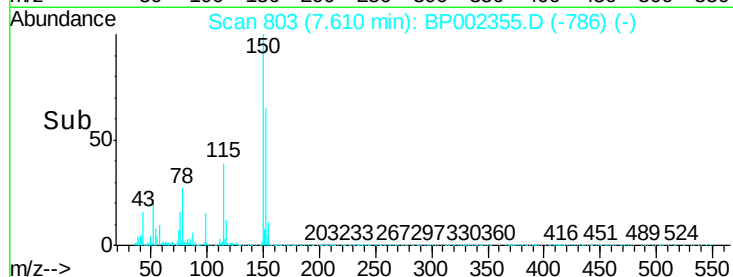
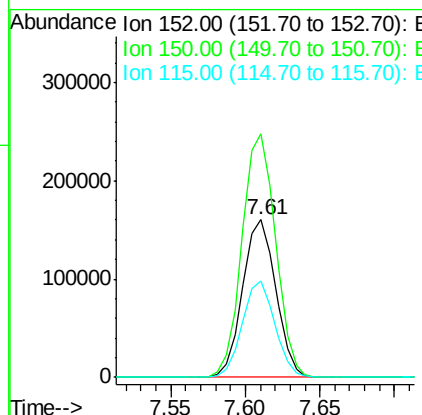
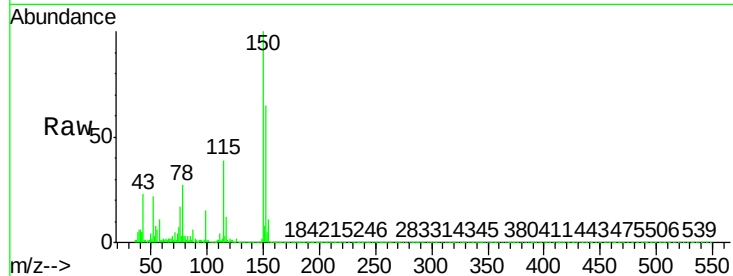
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.00 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.7	187.1
115	60.8	49.4	74.2

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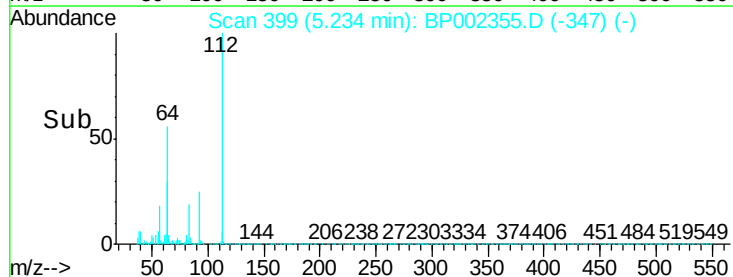
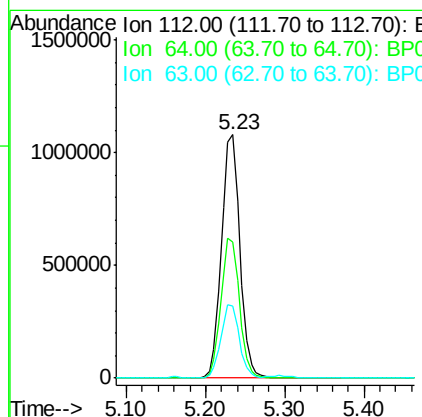
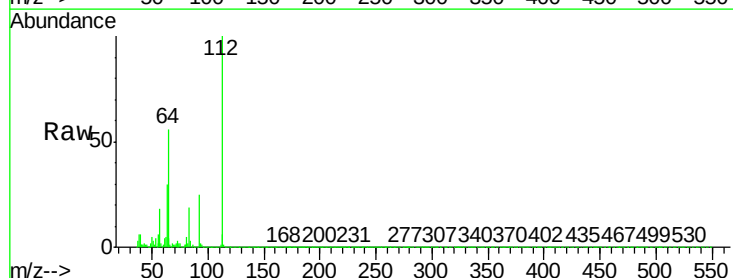
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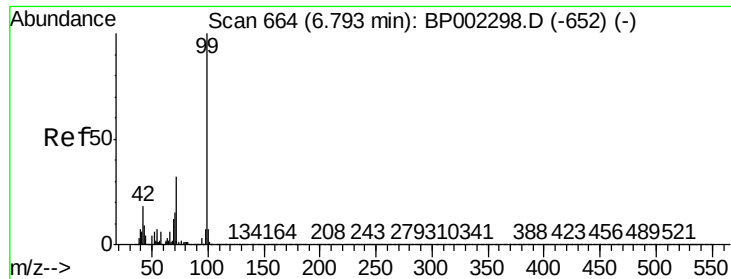


#5

2-Fluorophenol
Concen: 131.513 ng
RT: 5.23 min Scan# 399
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.0	70.4
63	29.8	24.0	36.0





#7

Phenol-d6

Concen: 115.821 ng

RT: 6.82 min Scan# 669

Delta R.T. 0.02 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Instrument :

BNA_P

ClientSampleId :

C0AP8

Tot Ion: 99 Resp: 2074828

Ion Ratio Lower Upper

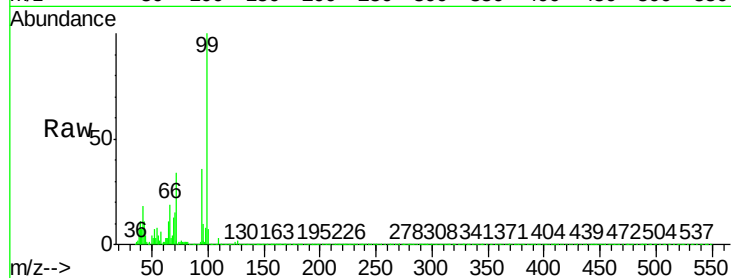
99 100

42 18.5 13.9 20.9

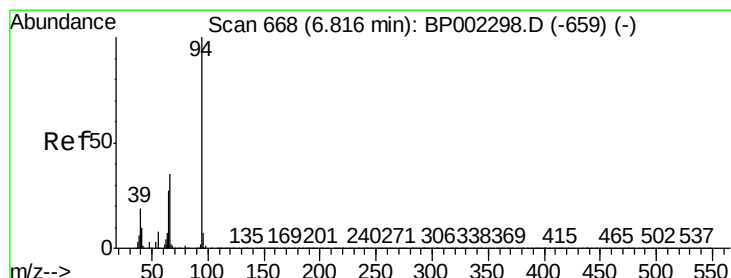
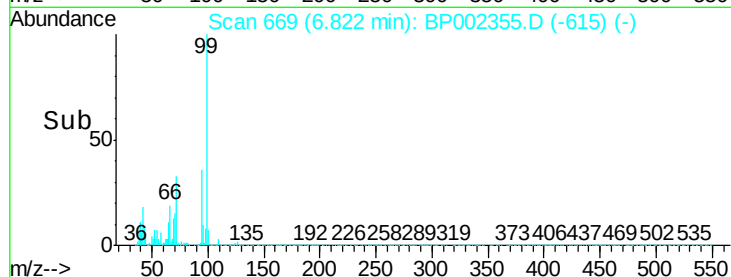
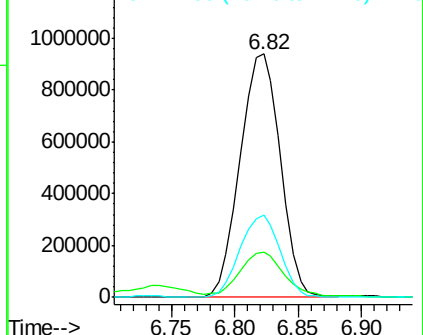
71 33.7 25.8 38.8

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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 192.020 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.02 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

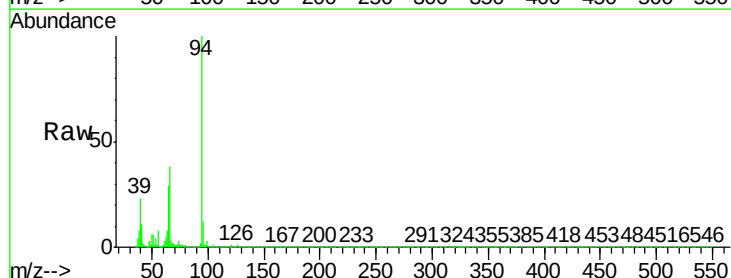
Tgt Ion: 94 Resp: 3785109

Ion Ratio Lower Upper

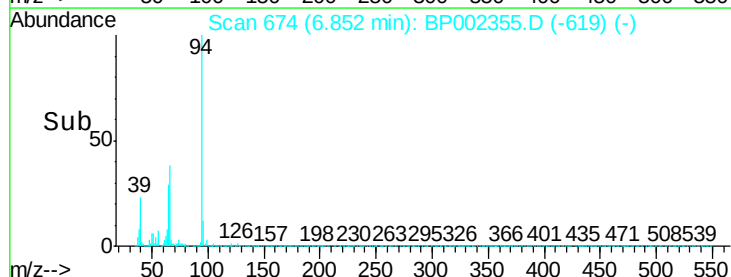
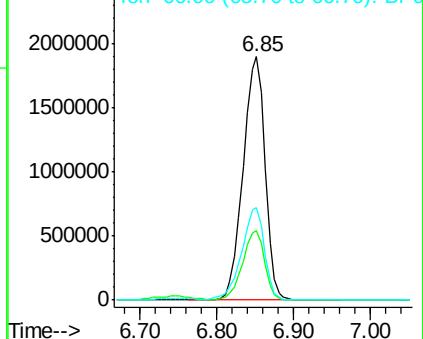
94 100

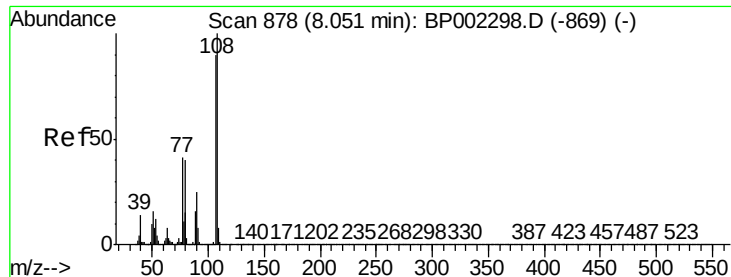
65 28.8 7.2 47.2

66 38.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BP0
Ion 65.00 (64.70 to 65.70): BP0
Ion 66.00 (65.70 to 66.70): BP0





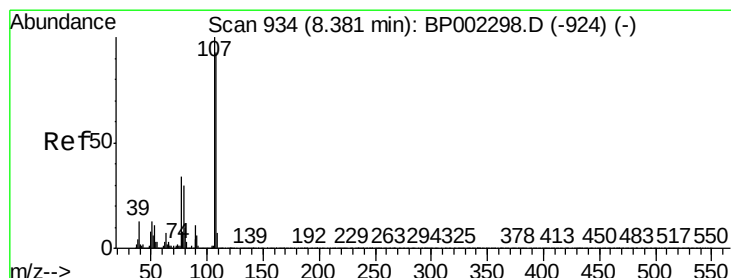
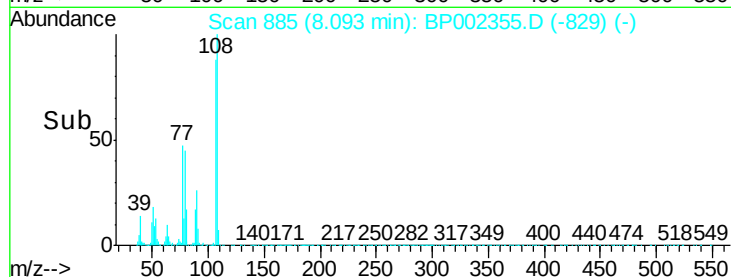
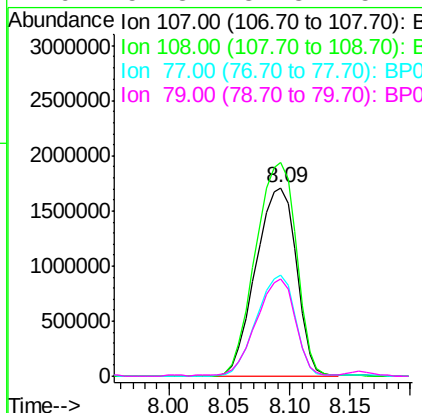
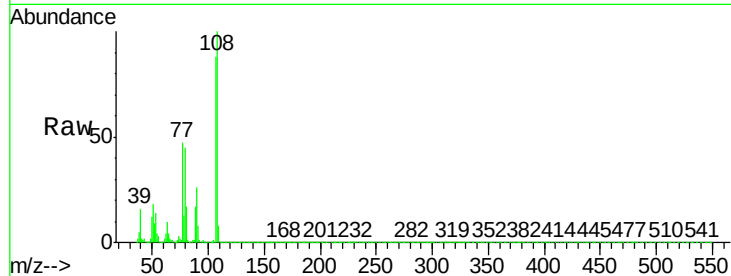
#17
2-Methylphenol
Concen: 286.357 ng
RT: 8.09 min Scan# 885
Delta R.T. 0.03 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampled :
C0AP8

Tot Ion:	107	Resp:	4031624
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.0	133.4
77	53.3	37.0	55.4
79	51.3	34.8	52.2

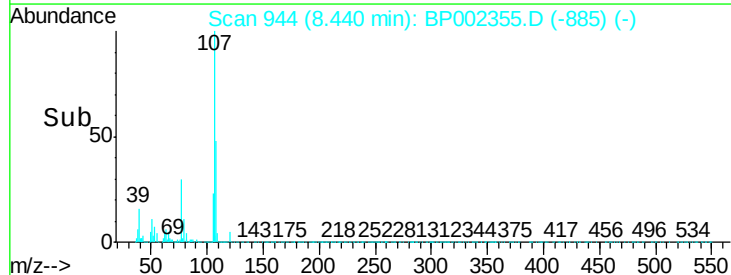
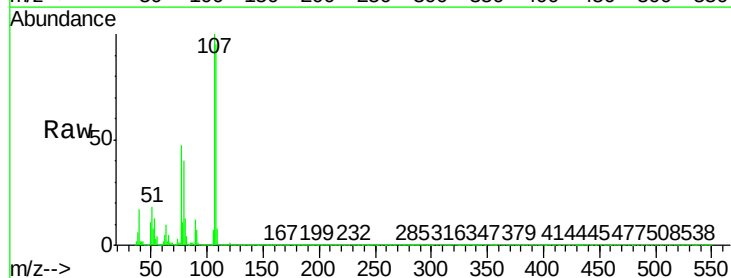
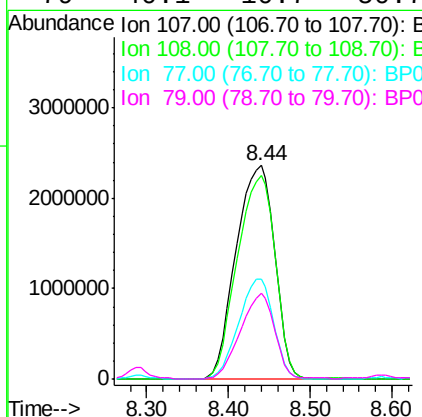
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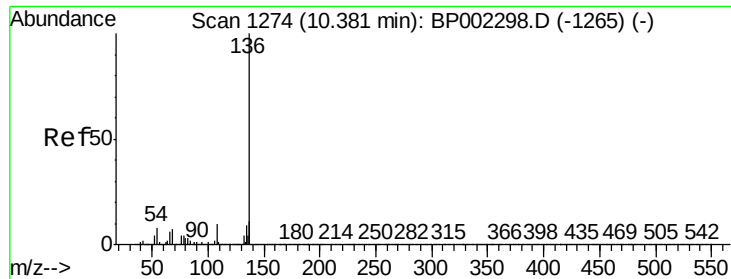
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#20
3+4-Methylphenols
Concen: 404.879 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.05 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion:	107	Resp:	7746182
Ion	Ratio	Lower	Upper
107	100		
108	95.3	74.7	114.7
77	46.9	14.4	54.4
79	40.1	10.7	50.7





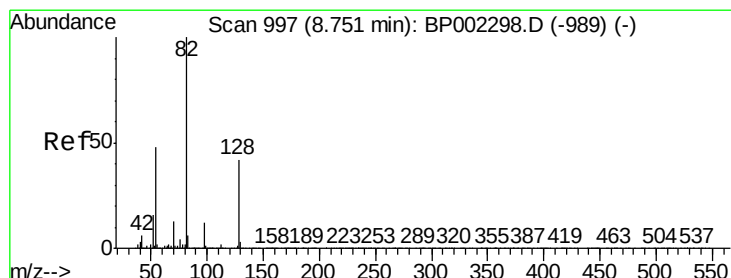
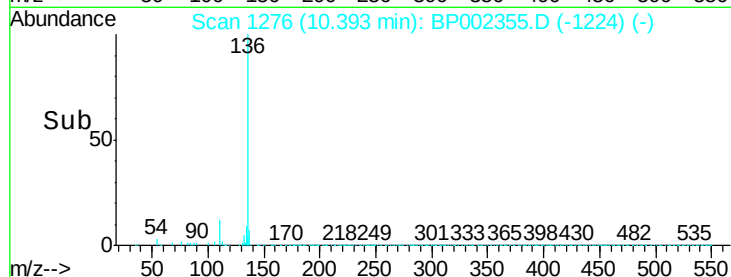
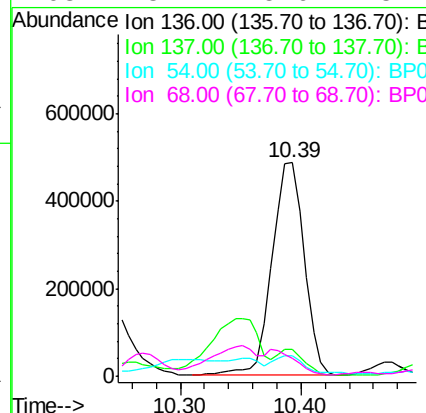
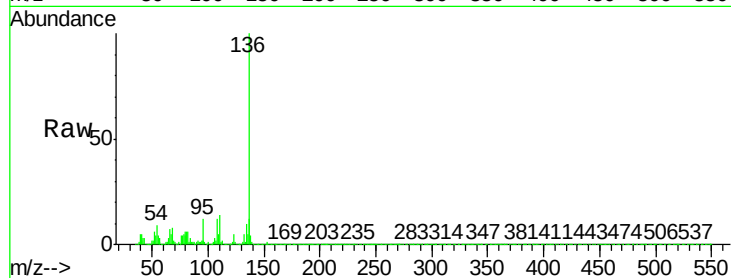
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		898051		
137	12.4		8.8	13.2	
54	9.3		6.9	10.3	
68	8.4		5.6	8.4#	

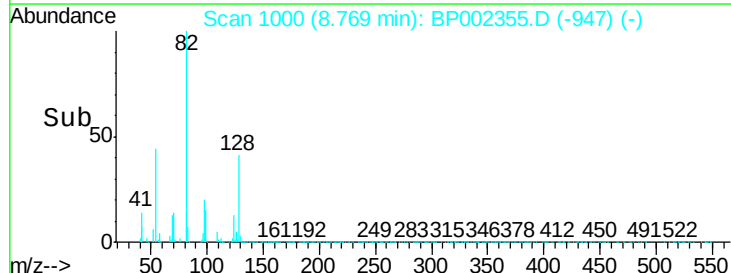
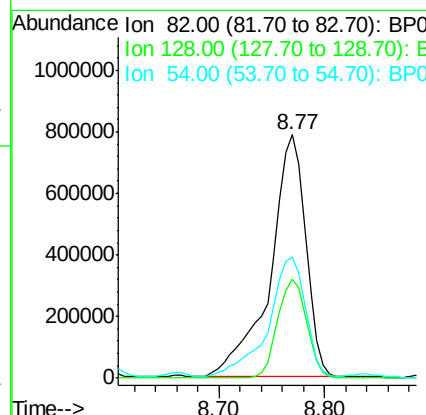
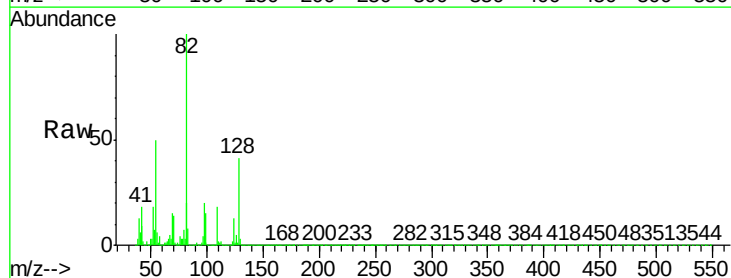
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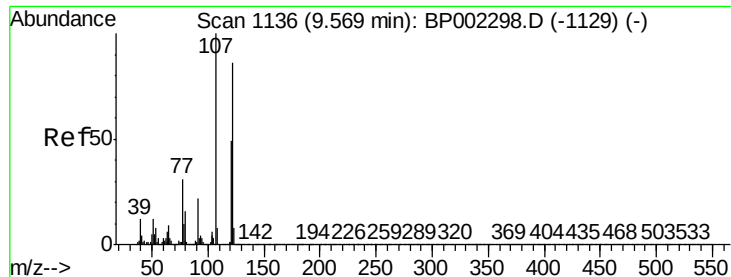
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#23
Nitrobenzene-d5
Concen: 122.982 ng
RT: 8.77 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1836979		
128	40.7		33.4	50.0	
54	49.7		38.3	57.5	





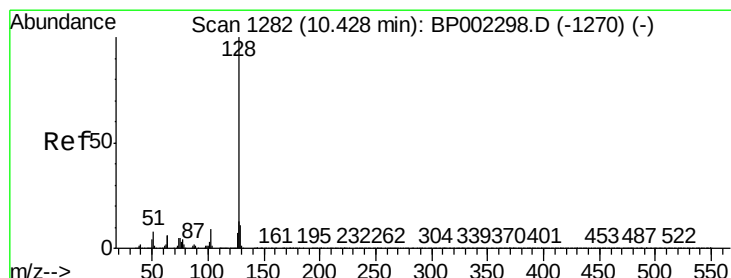
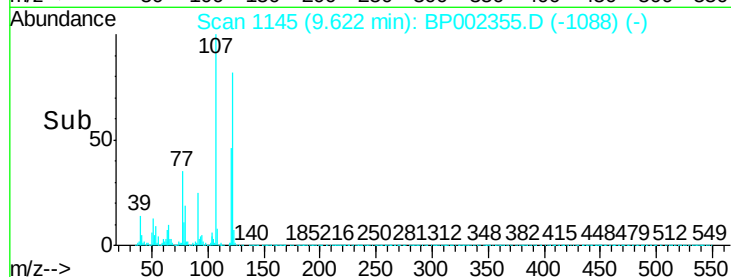
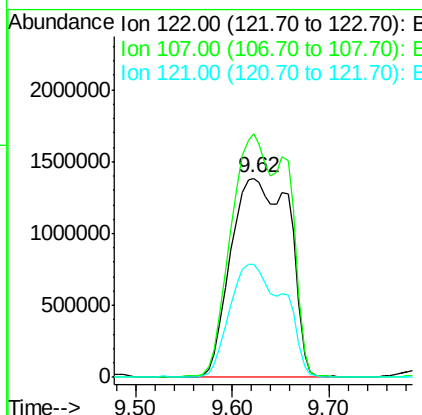
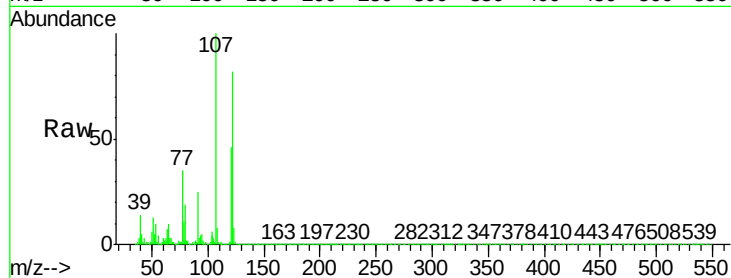
#27
2,4-Dimethylphenol
Concen: 514.235 ng/ml
RT: 9.62 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	93.7	140.5
121	56.6	47.1	70.7

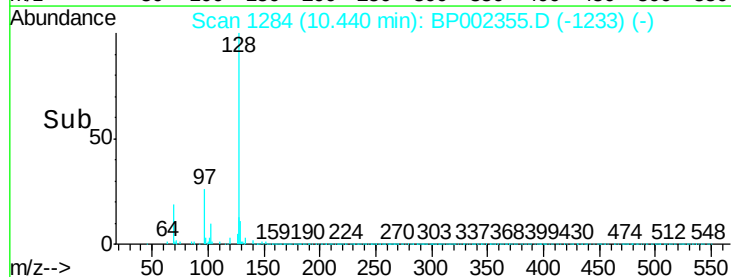
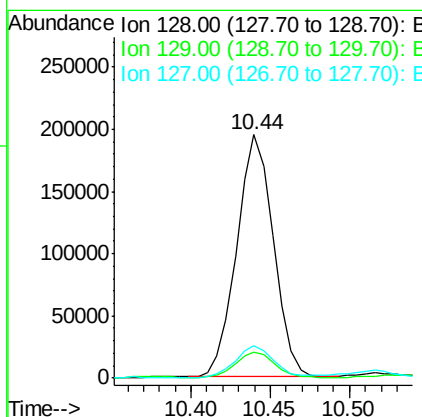
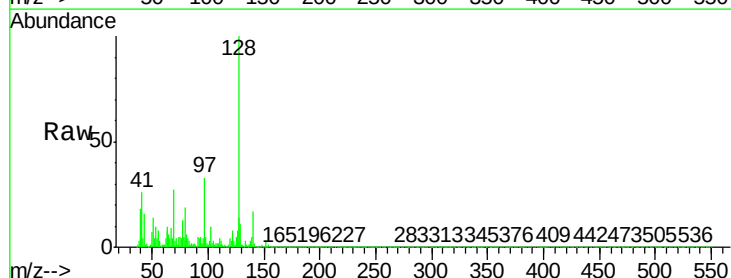
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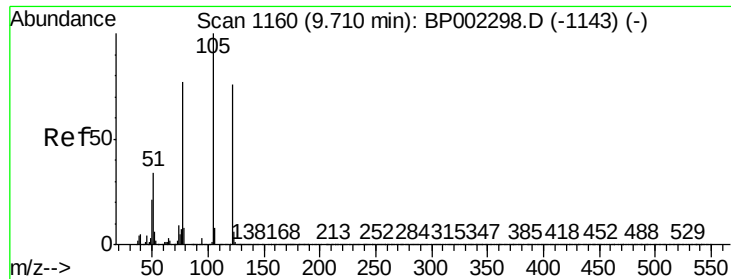
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#31
Naphthalene
Concen: 7.442 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.6	10.5	15.7





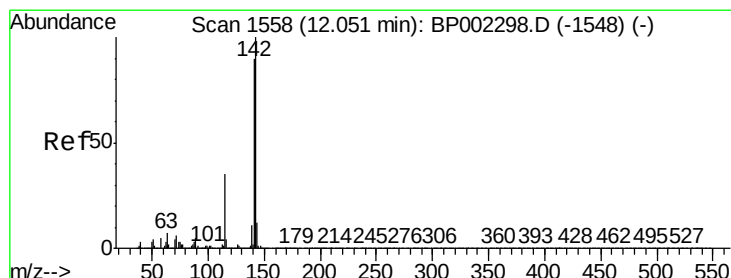
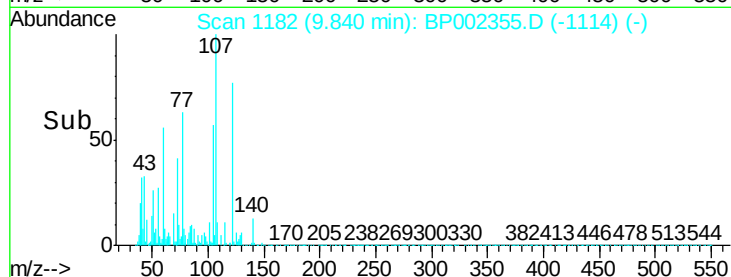
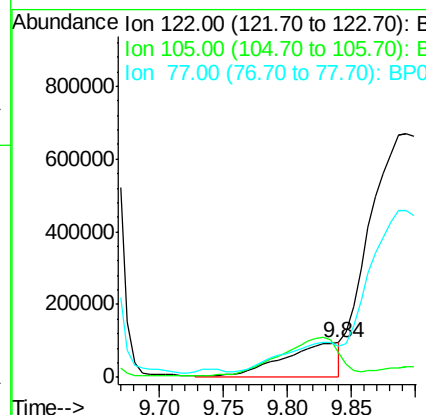
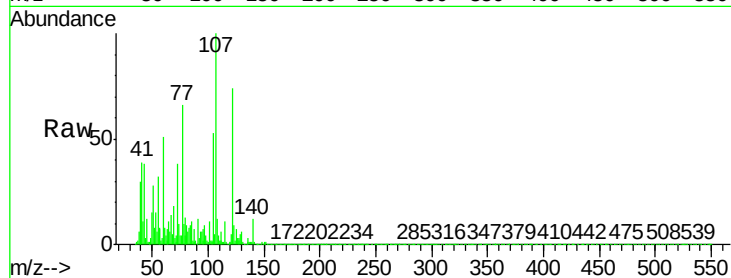
#32
Benzoic acid
Concen: 35.314 ng m
RT: 9.84 min Scan# 1182
Delta R.T. 0.10 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ratio	Lower	Upper
122	100		
105	71.4	102.7	142.7#
77	88.4	74.8	114.8

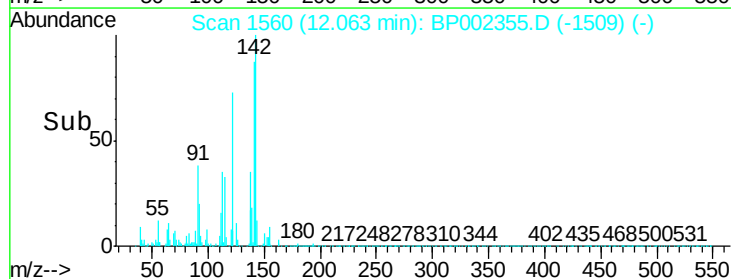
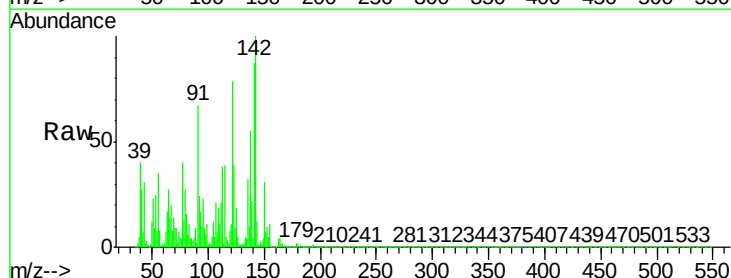
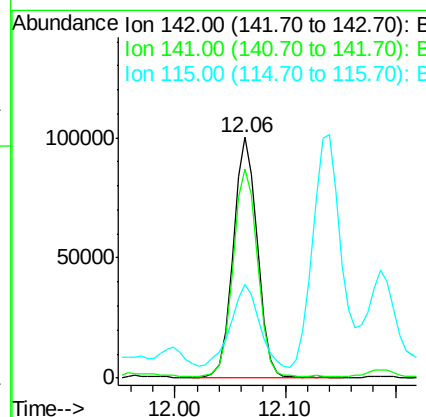
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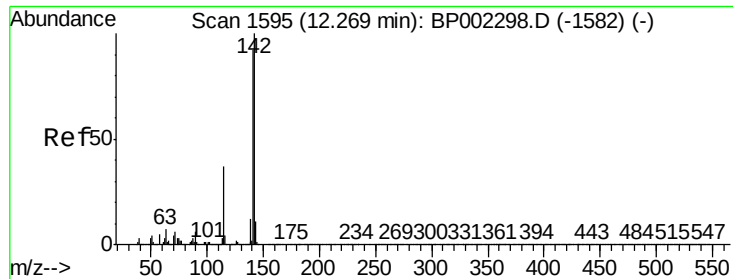
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#37
2-Methylnaphthalene
Concen: 5.187 ng
RT: 12.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.7	104.5
115	39.0	28.1	42.1





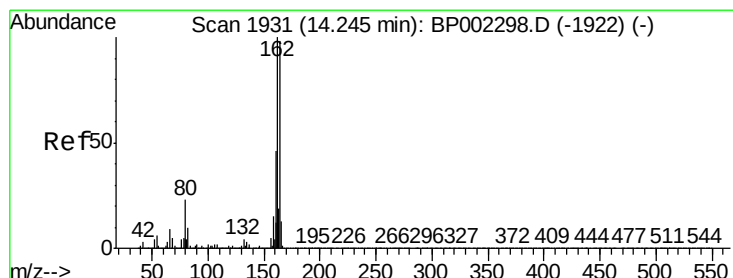
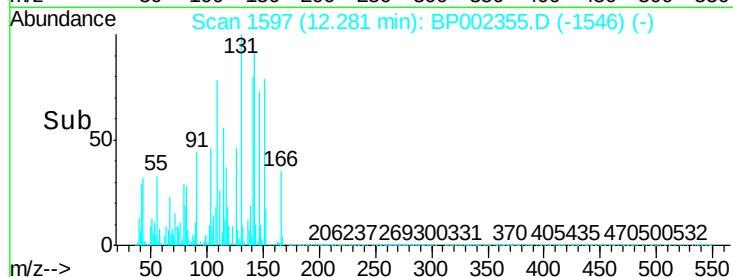
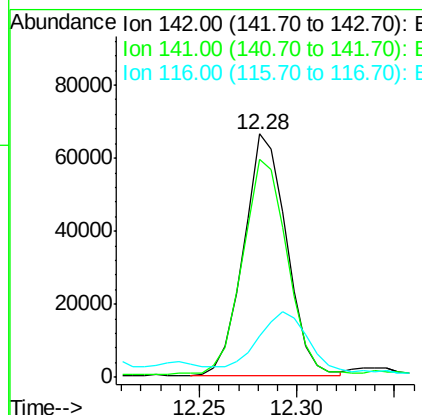
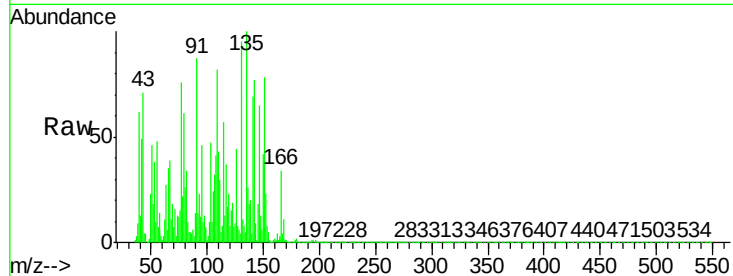
#38
1-Methylnaphthalene
Concen: 3.607 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.8	109.2
116	16.8	3.1	4.7#

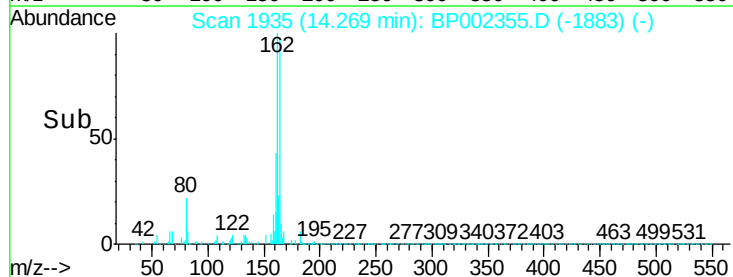
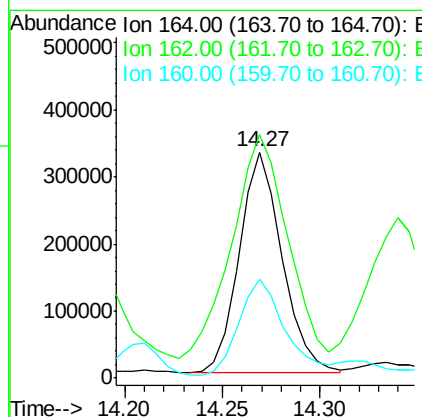
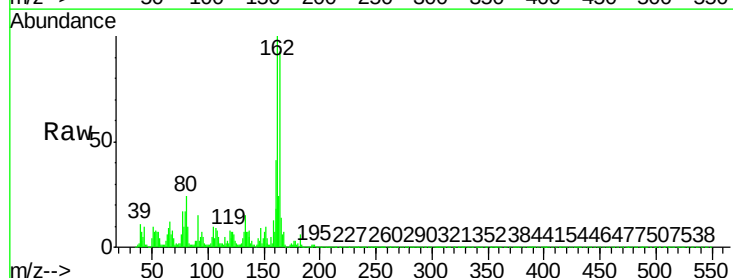
Manual Integrations
APPROVED

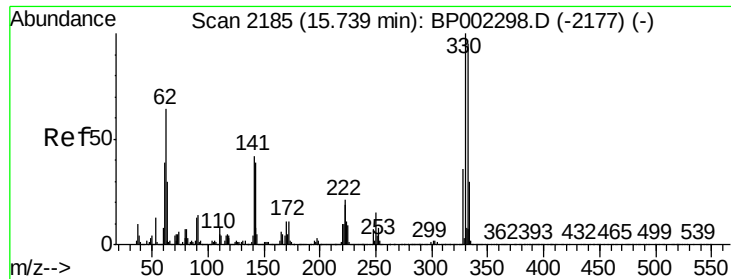
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	81.3	121.9
160	43.7	37.2	55.8





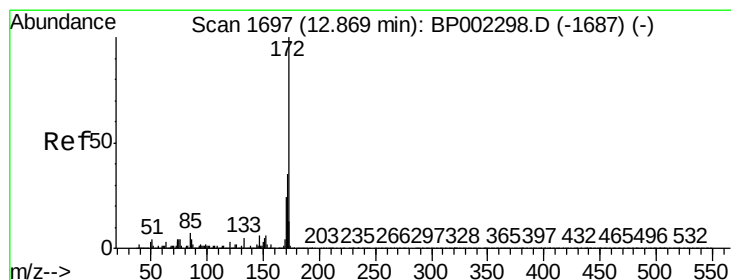
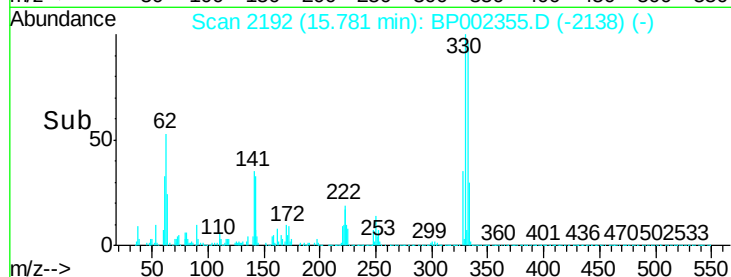
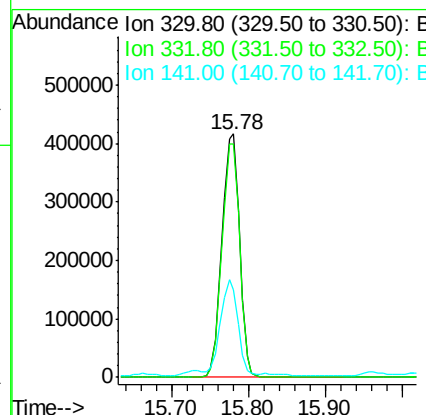
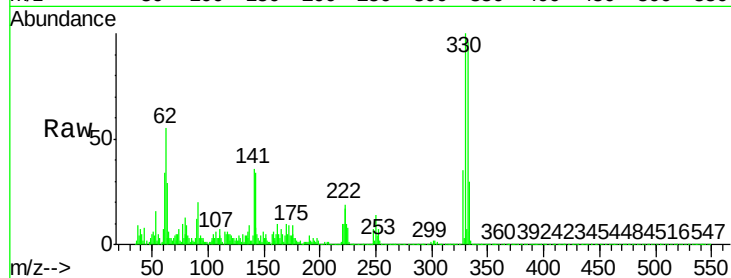
#42
2,4,6-Tribromophenol
Concen: 138.792 ng
RT: 15.78 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampled :
C0AP8

Tot Ion	Ratio	Resp	Lower	Upper
330	100	655000		
332	96.7		76.9	115.3
141	38.9		31.4	47.2

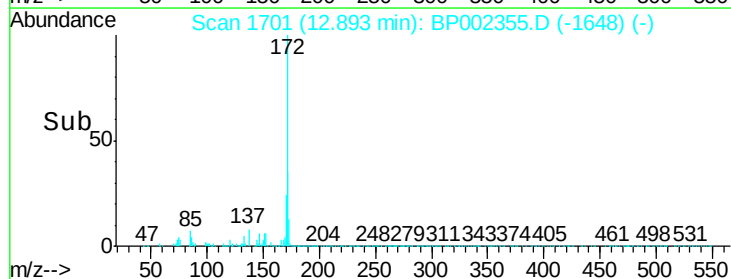
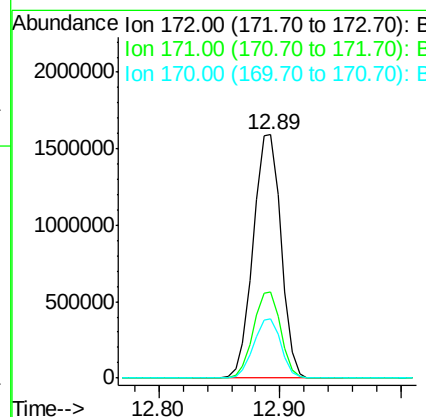
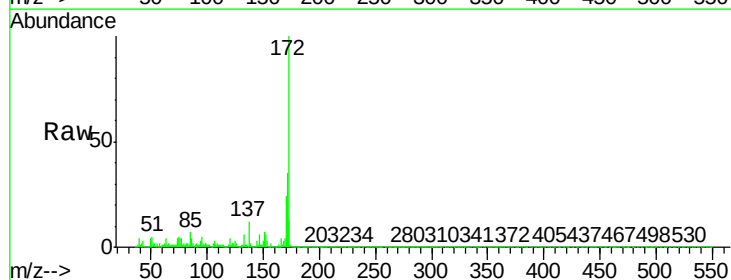
Manual Integrations
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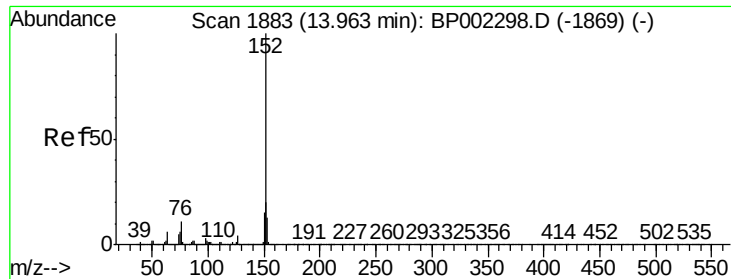
mohammad
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#45
2-Fluorobiphenyl
Concen: 90.879 ng
RT: 12.89 min Scan# 1701
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2564553		
171	35.3		27.6	41.4
170	24.3		18.9	28.3





#49

Acenaphthylene

Concen: 20.930 ng

RT: 13.99 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Instrument :

BNA_P

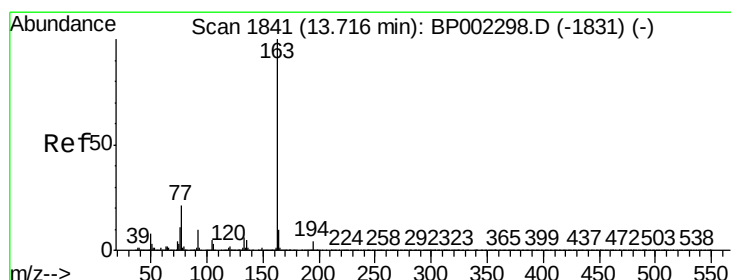
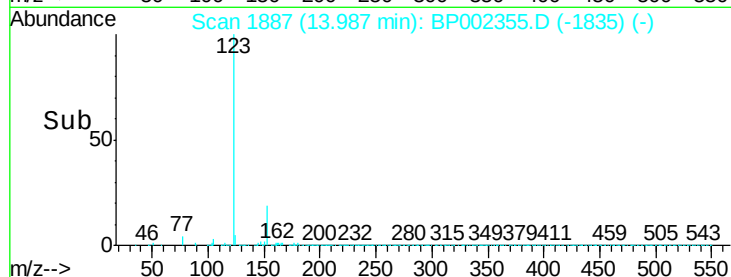
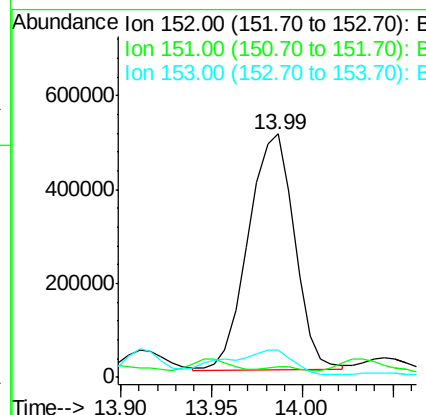
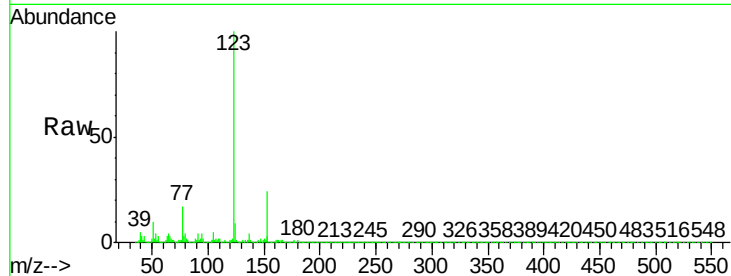
ClientSampleId :

C0AP8

Tot Ion:	152	Resp:	892825
Ion Ratio		Lower	Upper
152	100		
151	4.3	15.9	23.9#
153	11.2	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 7.807 ng

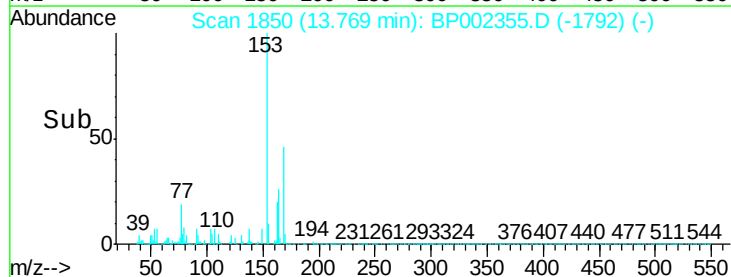
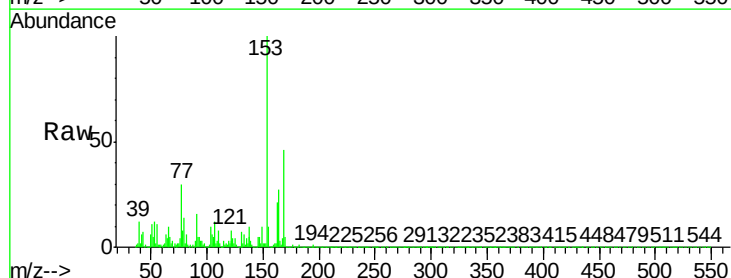
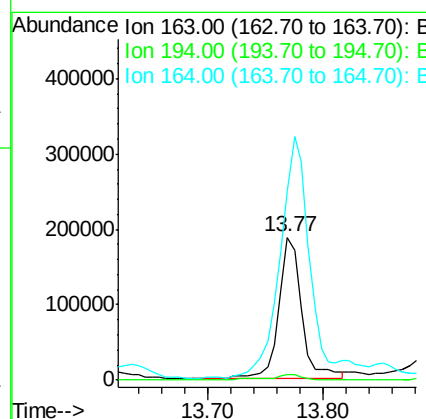
RT: 13.77 min Scan# 1850

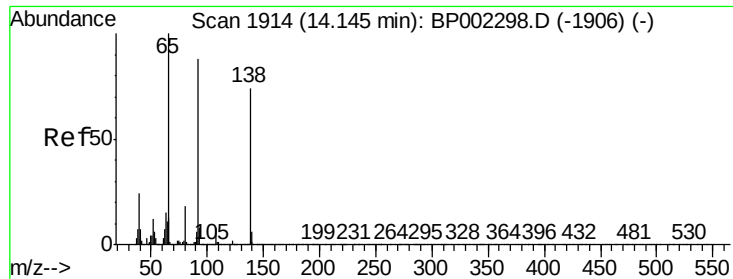
Delta R.T. 0.04 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Tgt Ion:	163	Resp:	263129
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.2	4.8
164	132.3	8.1	12.1#





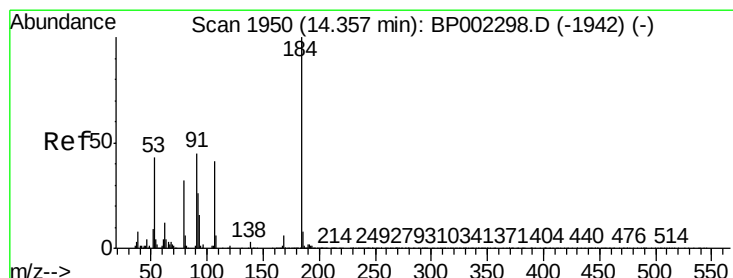
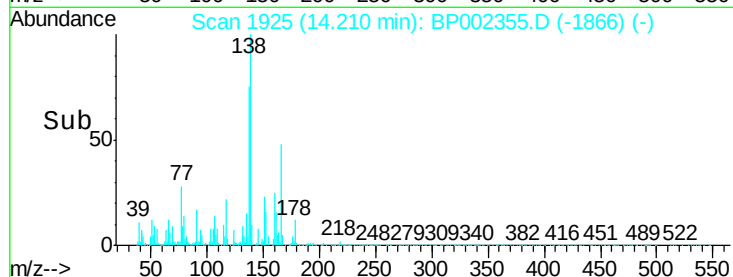
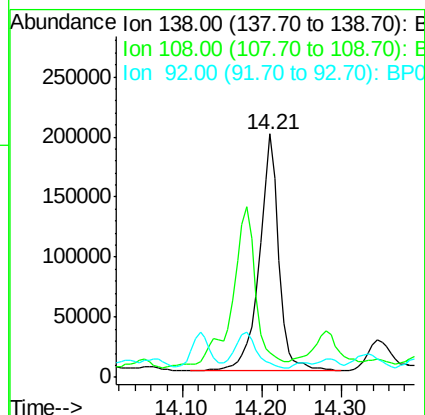
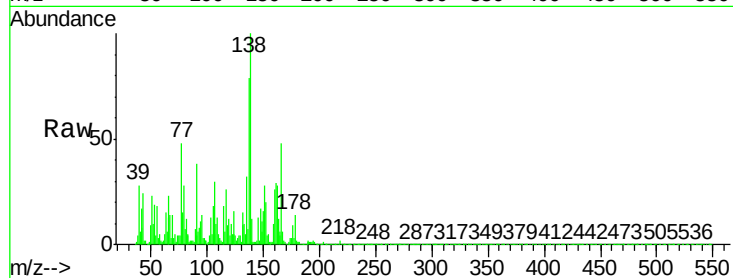
#53
3-Nitroaniline
Concen: 40.902 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.05 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Instrument :
BNA_P
ClientSampleId :
C0AP8

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	5.9	97.2	145.8#

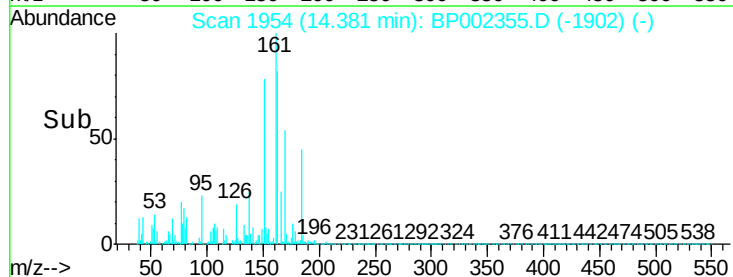
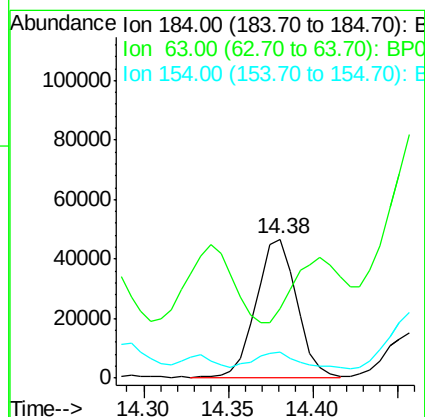
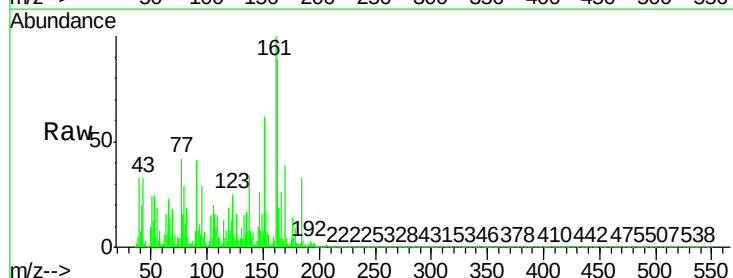
Manual Integrations
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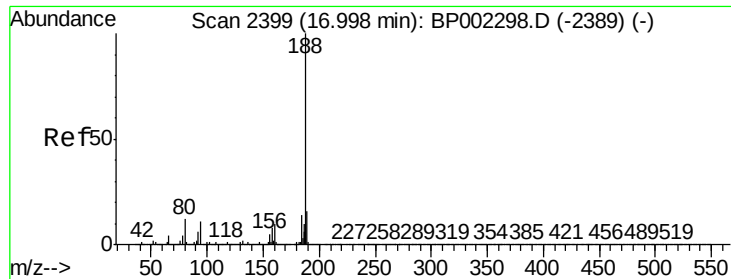
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#54
2,4-Dinitrophenol
Concen: 20.958 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BP002355.D
Acq: 02 Jun 2020 13:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.6	53.6	80.4#
154	19.1	47.4	71.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.03 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Instrument :

BNA_P

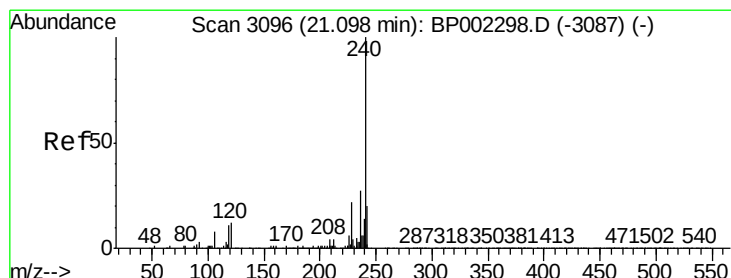
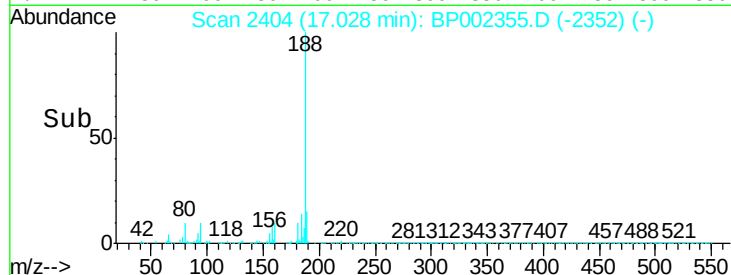
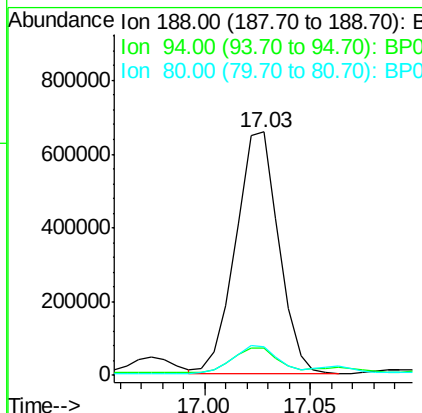
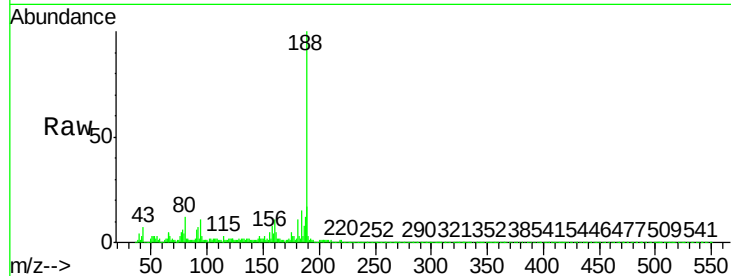
ClientSampleId :

C0AP8

Tot Ion:	188	Resp:	922908
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.7	13.1
80	11.7	9.3	13.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

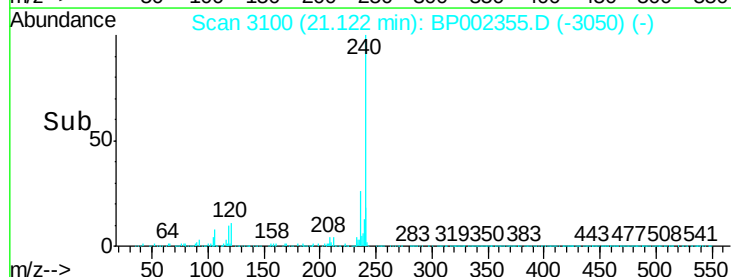
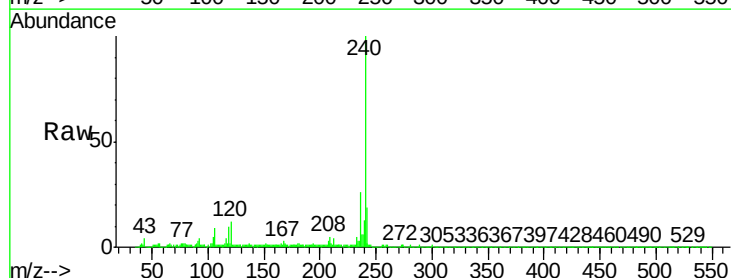
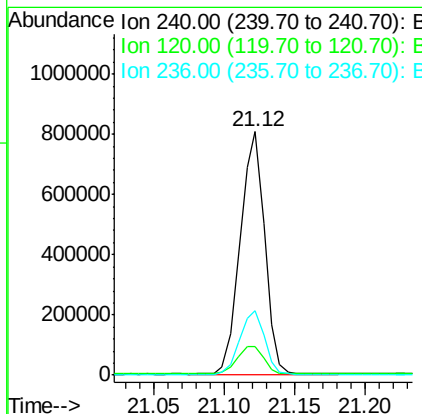
RT: 21.12 min Scan# 3100

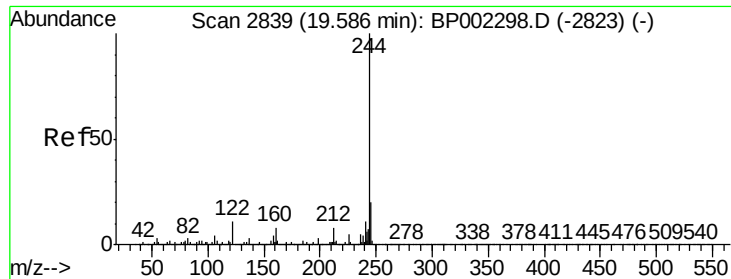
Delta R.T. -0.01 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Tgt Ion:	240	Resp:	972560
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.7	13.1
236	26.4	21.0	31.4





#79

Terphenyl-d14

Concen: 93.713 ng

RT: 19.61 min Scan# 2843

Delta R.T. 0.01 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

Instrument :

BNA_P

ClientSampleId :

C0AP8

Tot Ion:244 Resp: 3763529

Ion Ratio Lower Upper

244 100

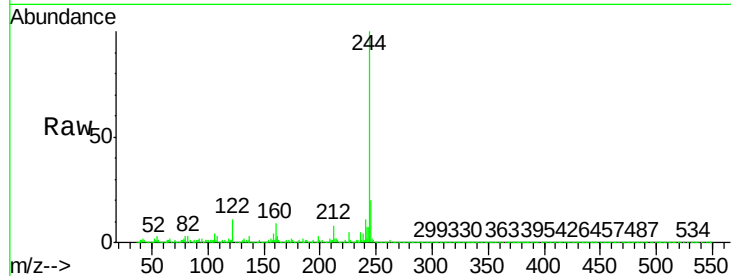
212 8.1 6.4 9.6

122 10.6 9.4 14.0

Manual Integrations
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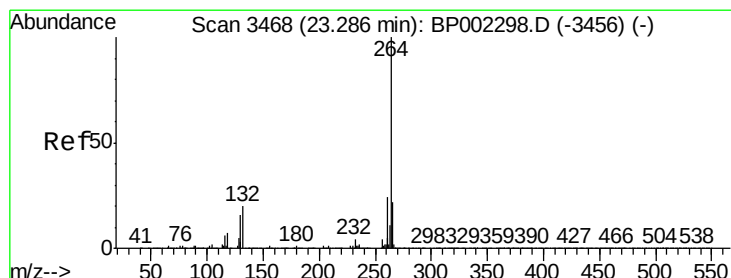
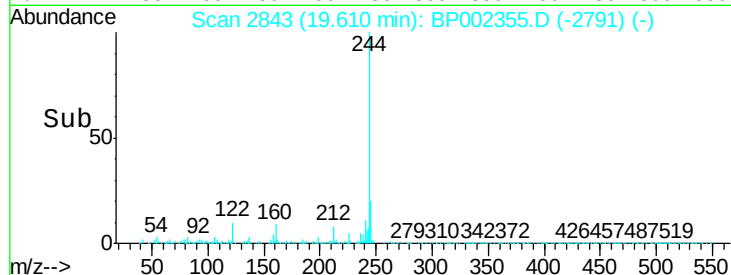
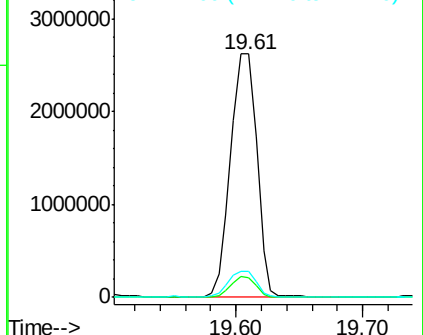
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.33 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BP002355.D

Acq: 02 Jun 2020 13:45

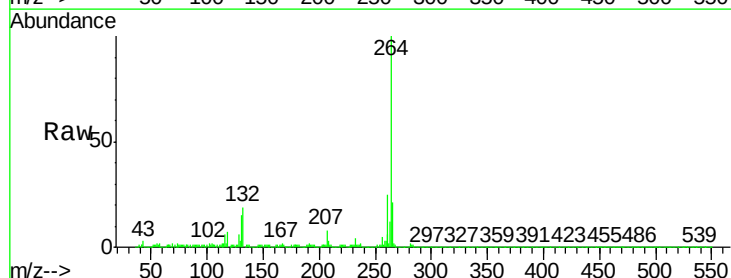
Tgt Ion:264 Resp: 1095807

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.3 17.8 26.6



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

