

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000391.D
 Acq On : 24 Sep 2019 18:12
 Operator : JU
 Sample : K5008-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Manual Integrations
 APPROVED

mohammad
 9/26/2019 8:24:53 AM

Quant Time: Sep 25 11:39:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	252510	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	688171	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	387804	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	577980	20.00	ng	0.00
76) Chrysene-d12	13.99	240	710004	20.00	ng	0.00
87) Perylene-d12	15.47	264	753885	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1605481	109.76	ng	0.00
7) Phenol-d6	6.43	99	2006803	111.93	ng	0.00
23) Nitrobenzene-d5	7.35	82	1100336	103.16	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	455362	118.38	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1762136	81.78	ng	0.00
79) Terphenyl-d14	12.93	244	2027843	59.92	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.44	94	120041	5.893	ng	98
31) Naphthalene	8.10	128	1982189	62.193	ng	96
37) 2-Methylnaphthalene	8.80	142	3139536	144.098	ng	96
38) 1-Methylnaphthalene	8.90	142	2054400m	100.660	ng	
46) 1,1'-Biphenyl	9.26	154	473228	17.640	ng	98
49) Acenaphthylene	9.70	152	109714	3.243	ng	# 1
50) Dimethylphthalate	9.55	163	252201	9.545	ng	# 81
52) Acenaphthene	9.87	154	183857	8.613	ng	# 64
55) Dibenzofuran	10.05	168	200001m	6.627	ng	
58) Fluorene	10.39	166	442780	18.996	ng	# 92
71) Phenanthrene	11.36	178	1029111	35.531	ng	# 96
72) Anthracene	11.41	178	76619	2.570	ng	# 67
73) Carbazole	11.56	167	59277	2.208	ng	# 24
75) Fluoranthene	12.56	202	117482	3.777	ng	91
78) Pyrene	12.79	202	223868	4.214	ng	96

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

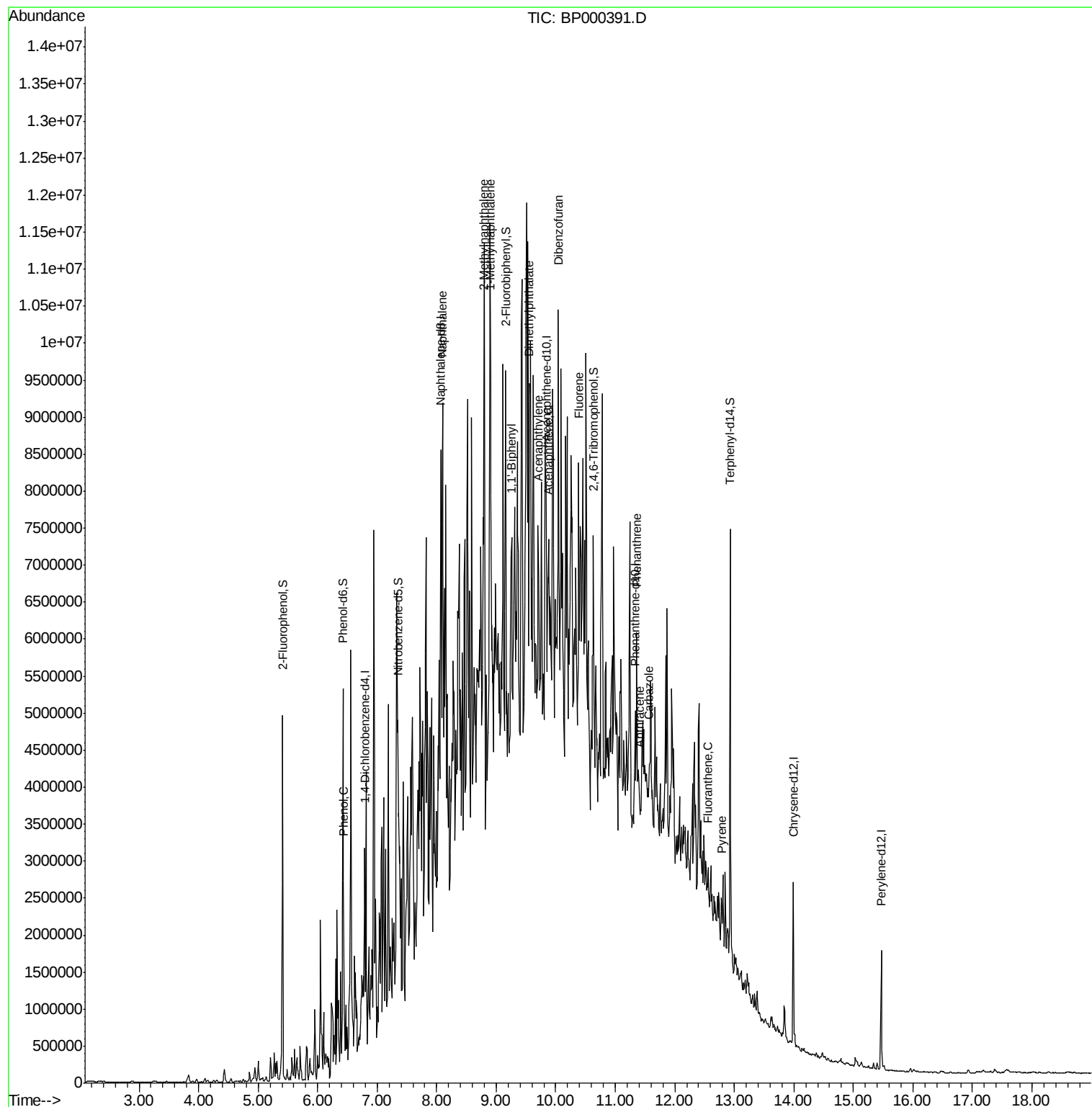
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000391.D
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ALS Vial : 11 Sample Multiplier: 1

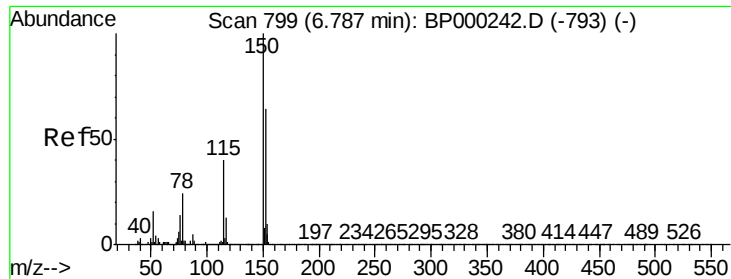
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#1

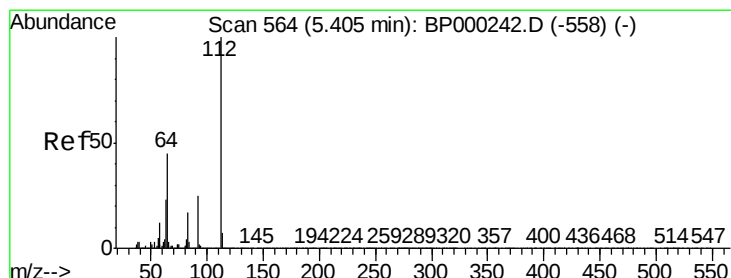
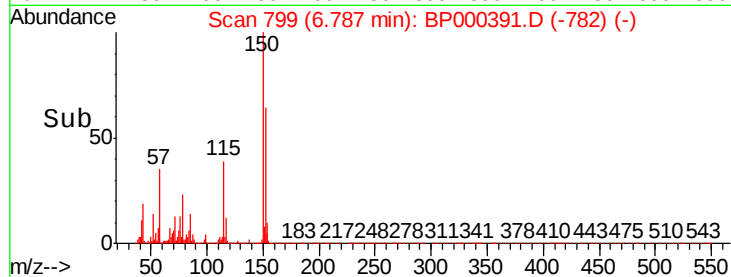
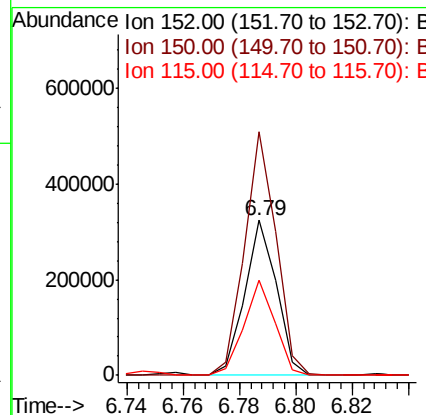
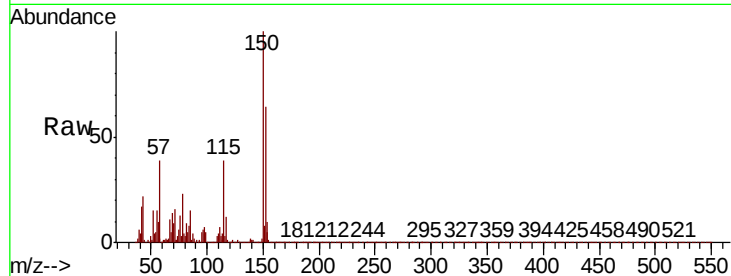
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.2	187.8
115	61.0	49.7	74.5

Manual Integrations
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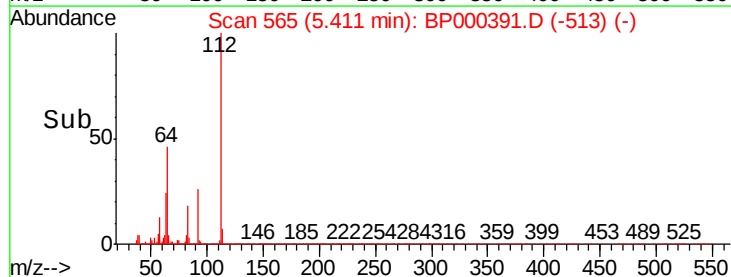
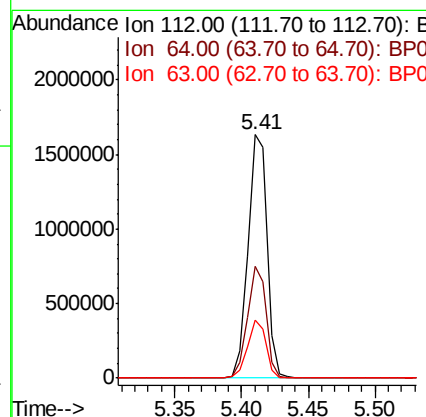
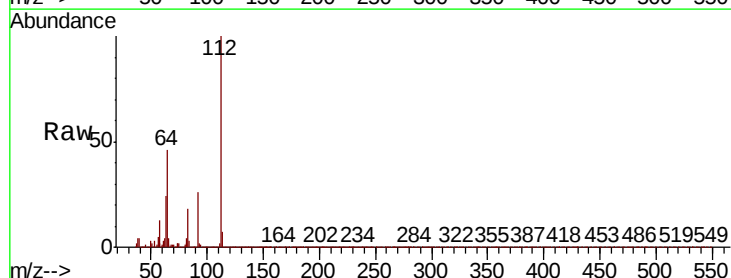
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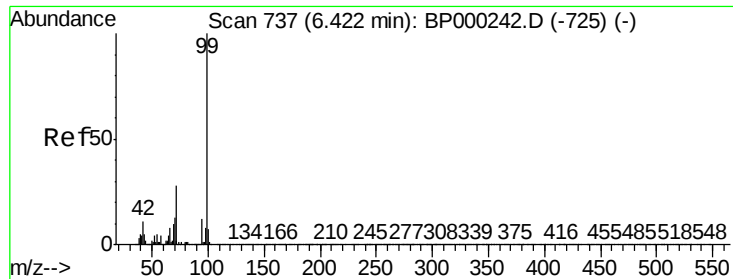


#5

2-Fluorophenol
Concen: 109.763 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.7	36.2	54.4
63	23.8	18.3	27.5





#7

Phenol-d6

Concen: 111.928 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampled :

SB-1

Tot Ion: 99 Resp: 2006803

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

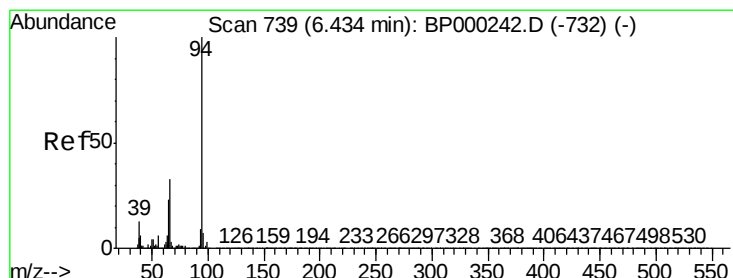
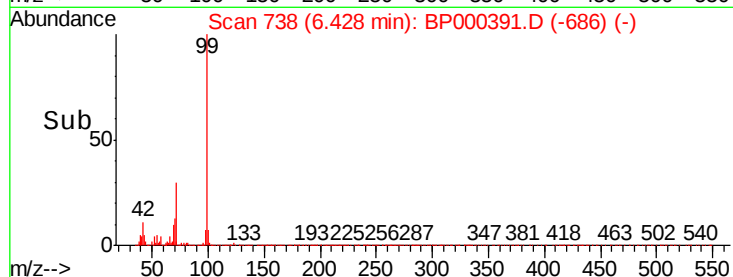
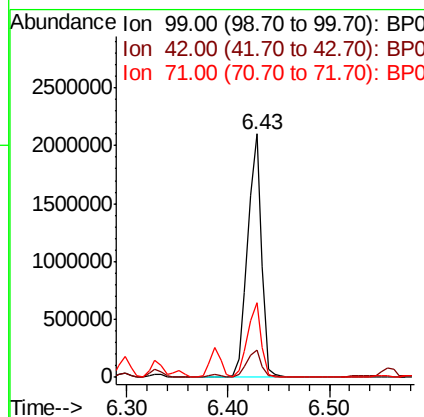
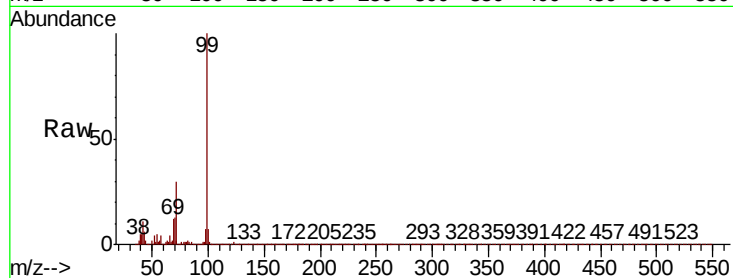
71 30.4 22.6 34.0

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#10

Phenol

Concen: 5.893 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

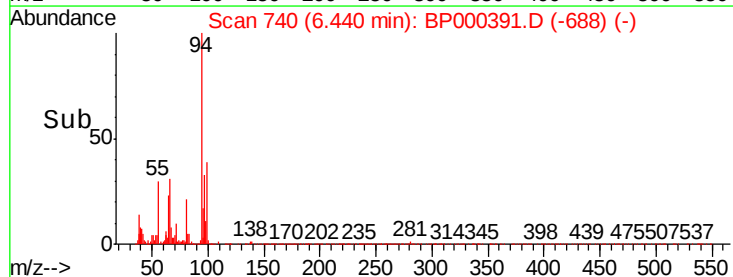
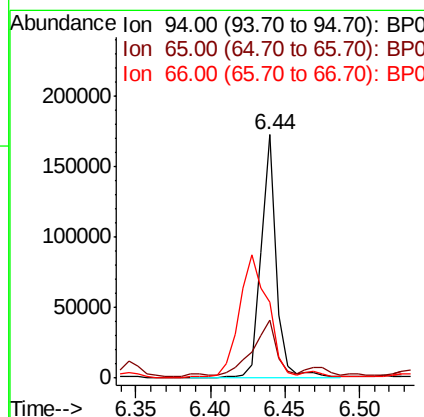
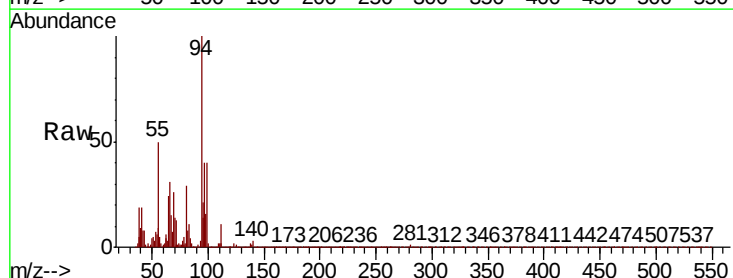
Tgt Ion: 94 Resp: 120041

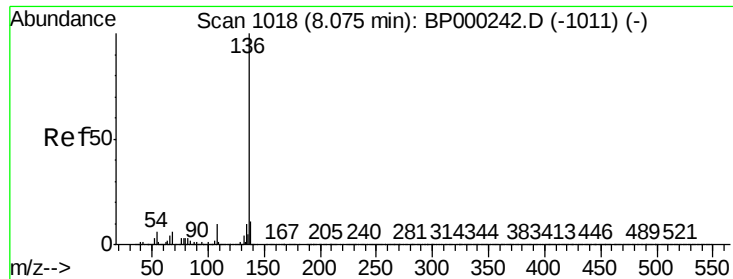
Ion Ratio Lower Upper

94 100

65 23.6 3.3 43.3

66 31.0 12.7 52.7





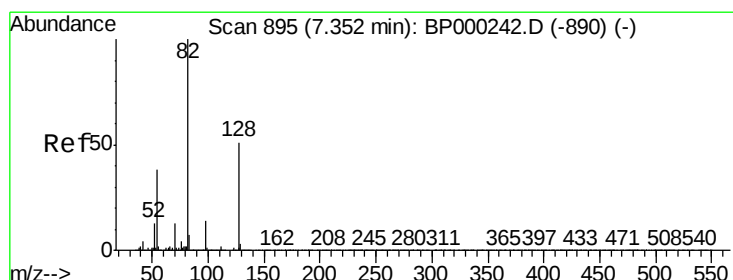
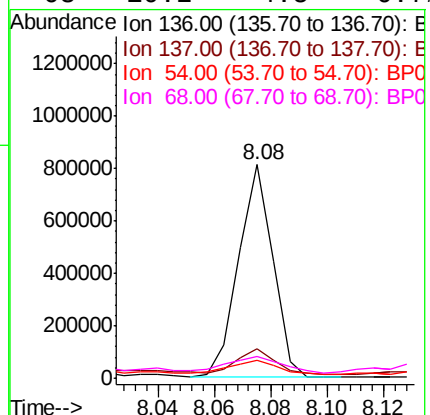
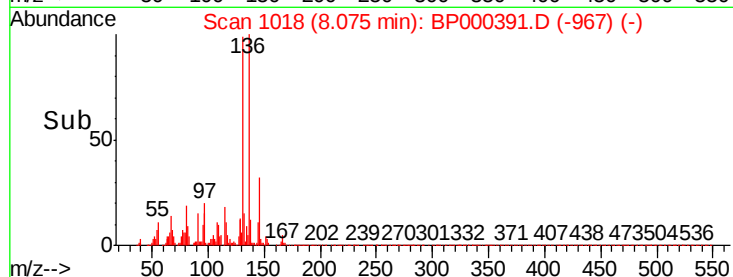
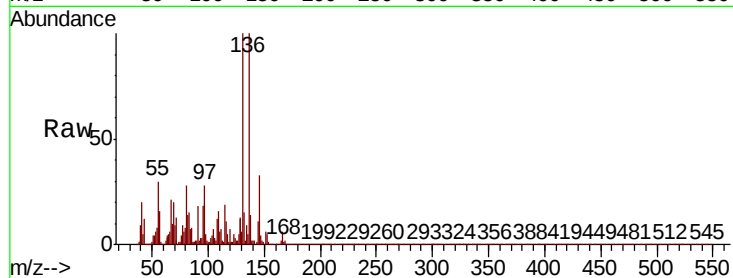
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	688171		
137	13.7	8.6	13.0#	
54	8.3	4.5	6.7#	
68	10.2	4.5	6.7#	

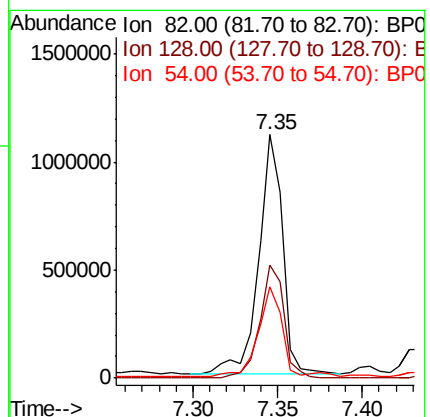
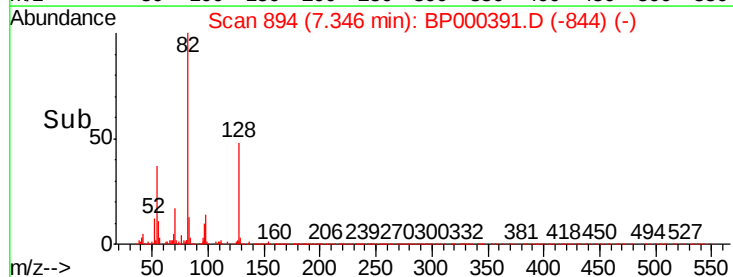
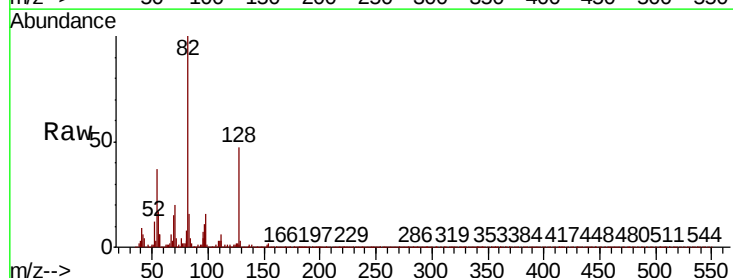
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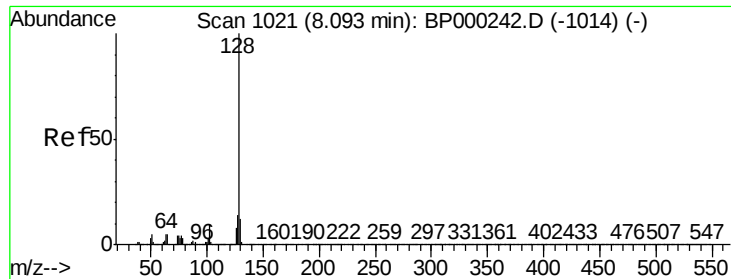
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#23
Nitrobenzene-d5
Concen: 103.162 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1100336		
128	46.6	40.7	61.1	
54	37.3	30.1	45.1	





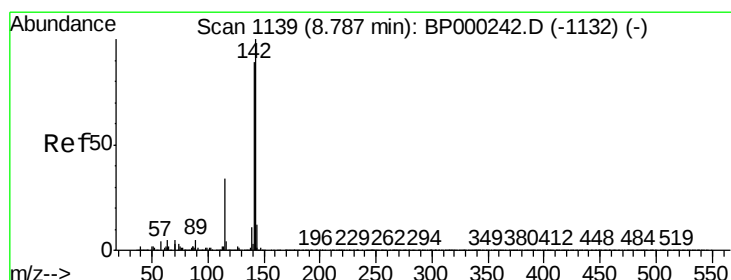
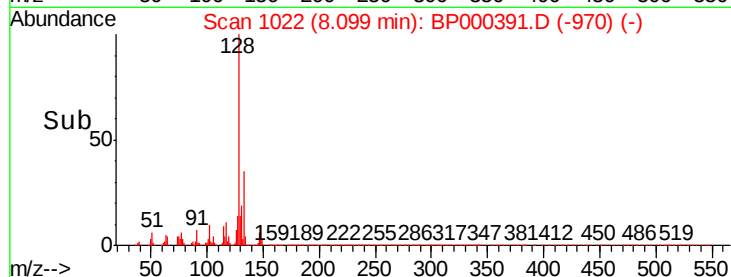
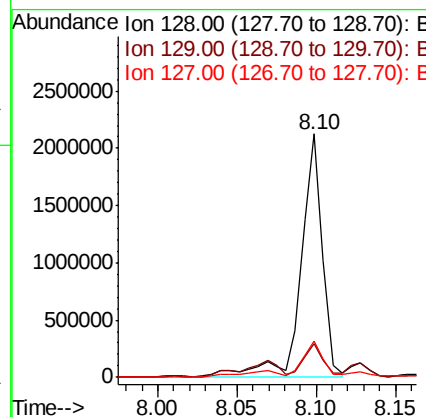
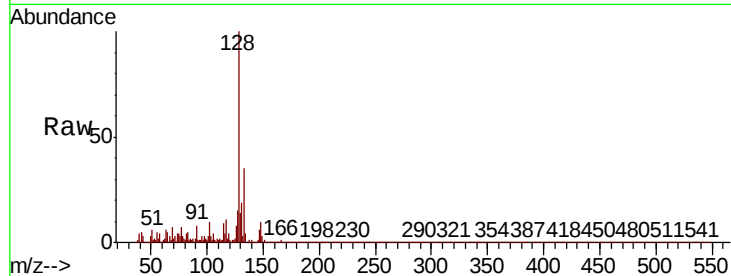
#31
Naphthalene
Concen: 62.193 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.2	13.8
127	14.7	11.0	16.6

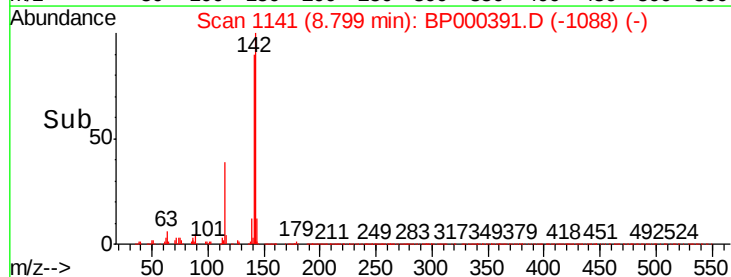
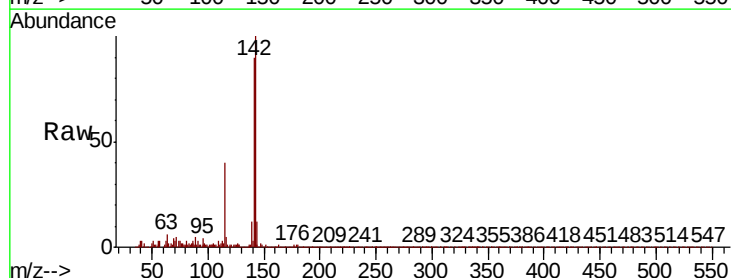
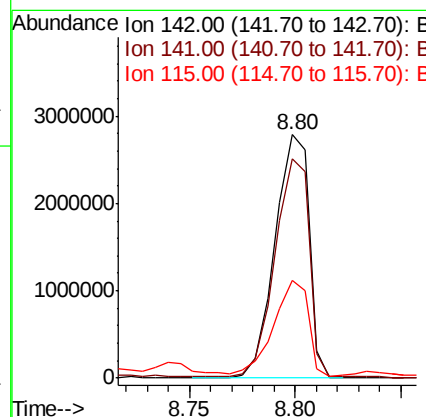
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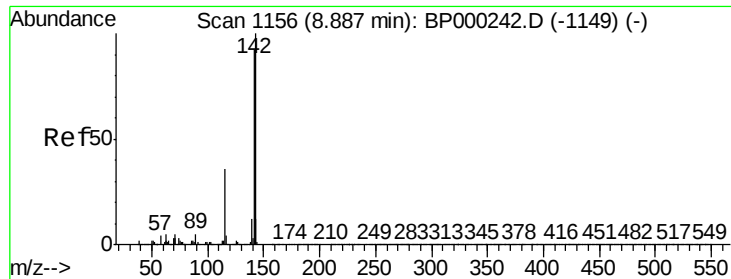
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#37
2-Methylnaphthalene
Concen: 144.098 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	40.3	27.2	40.8





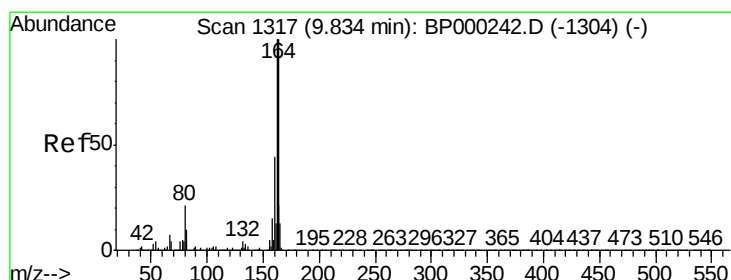
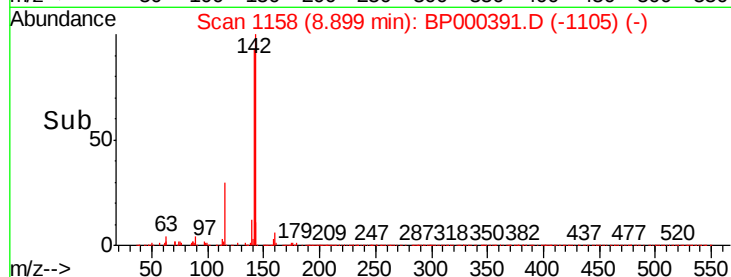
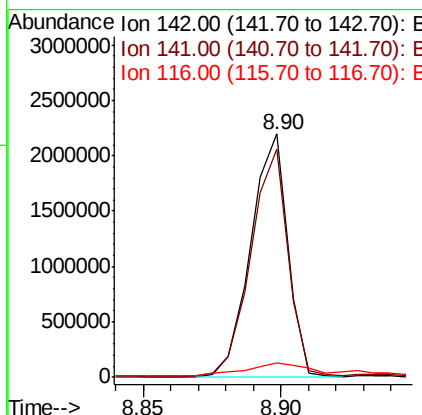
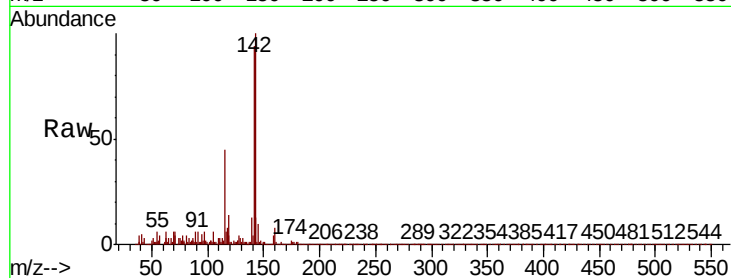
#38
 1-Methylnaphthalene
 Concen: 100.660 ng/ml
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BP000391.D
 Acq: 24 Sep 2019 18:12

Instrument :
 BNA_P
 ClientSampleID :
 SB-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.9	110.9
116	5.8	3.0	4.6

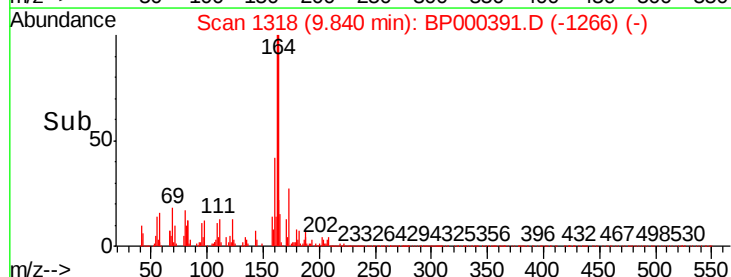
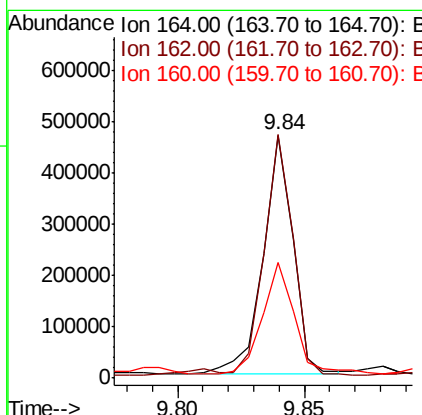
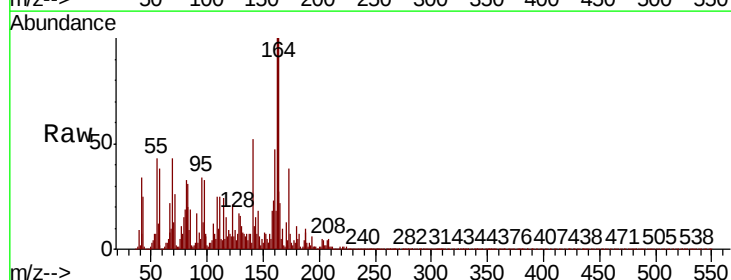
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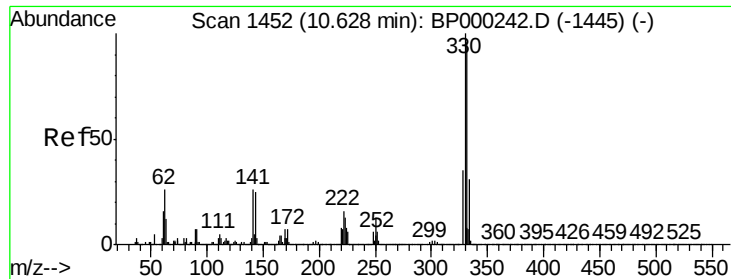
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#39
 Acenaphthene-d10
 Concen: 20.000 ng/ml
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BP000391.D
 Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.9	119.9
160	47.6	35.6	53.4





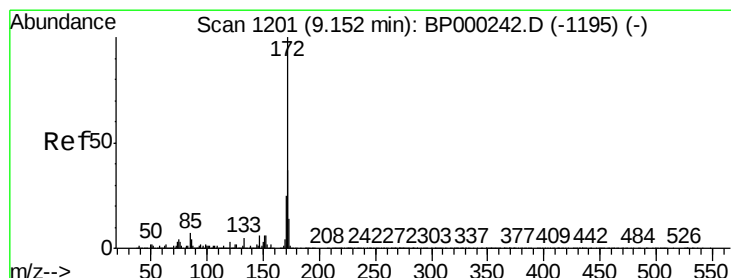
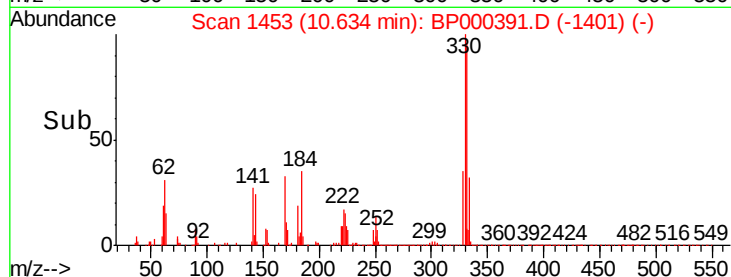
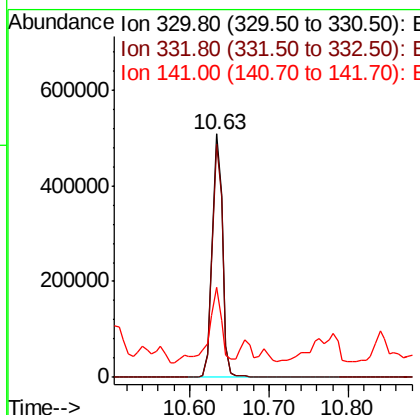
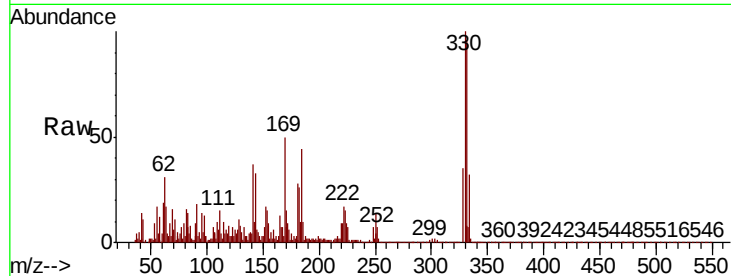
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2,4,6-Tribromophenol
Concen: 118.384 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	455362		
332	97.0	76.6	115.0	
141	38.9	26.5	39.7	

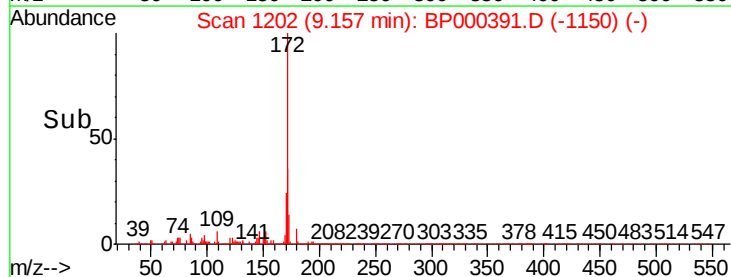
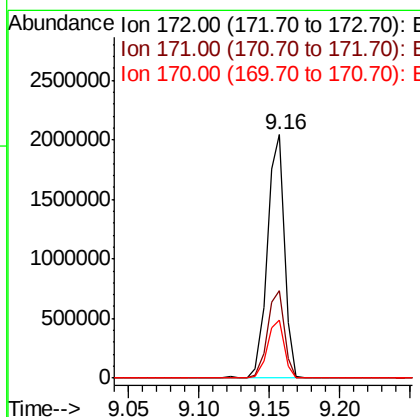
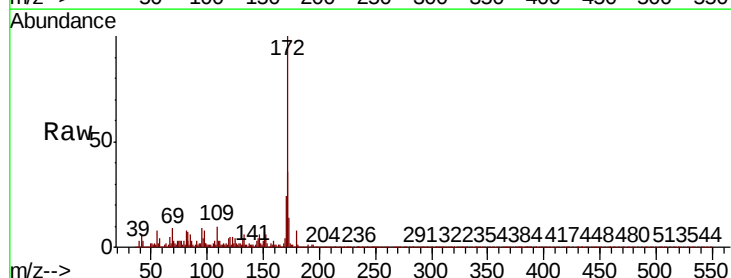
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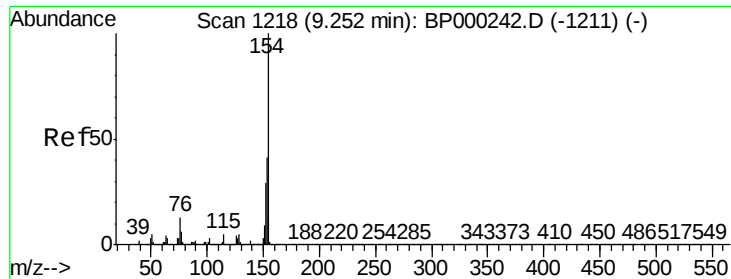
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#45
2-Fluorobiphenyl
Concen: 81.781 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1762136		
171	36.1	29.8	44.6	
170	24.1	19.8	29.6	





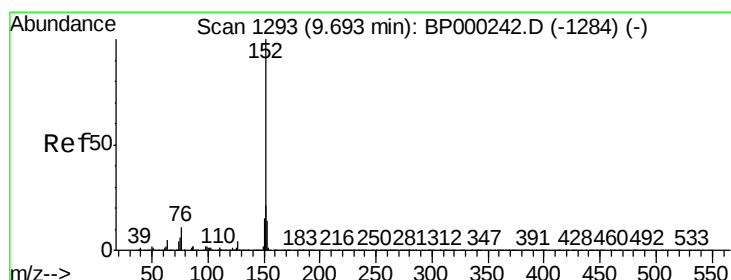
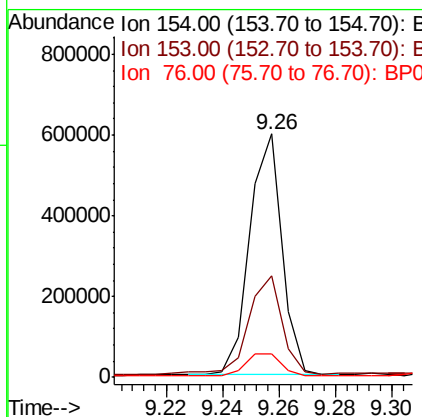
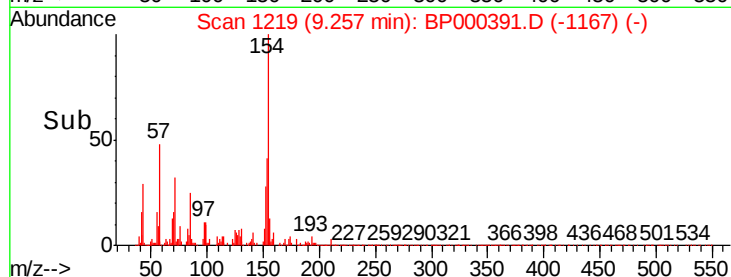
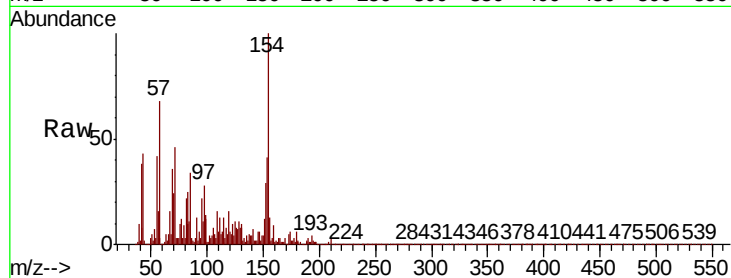
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1,1'-Biphenyl
Concen: 17.640 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.4	61.4	
76	9.8	0.0	33.4	

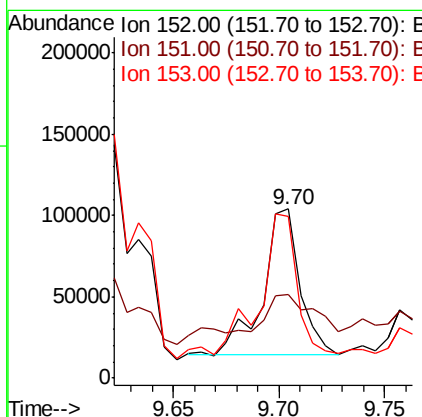
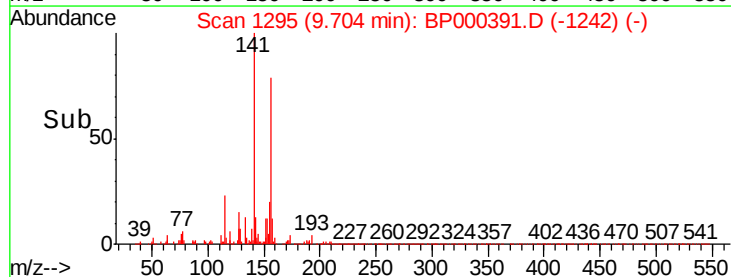
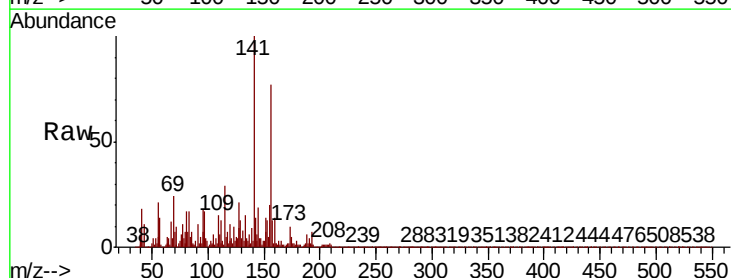
Manual Integrations
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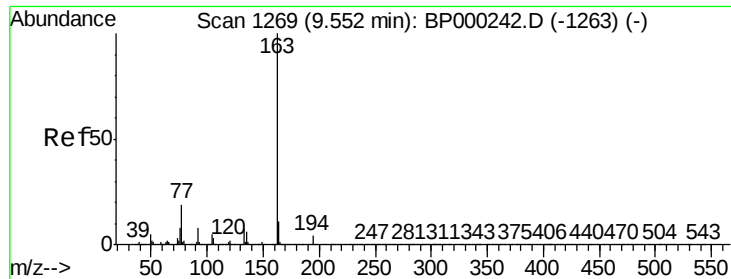
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#49
Acenaphthylene
Concen: 3.243 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	49.3	16.4	24.6#	
153	95.5	11.0	16.4#	





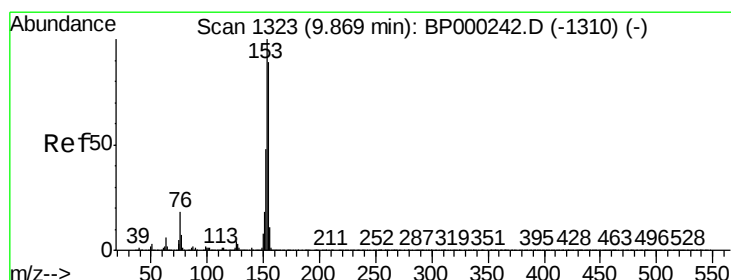
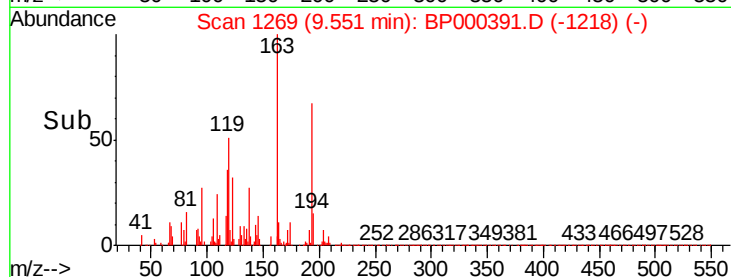
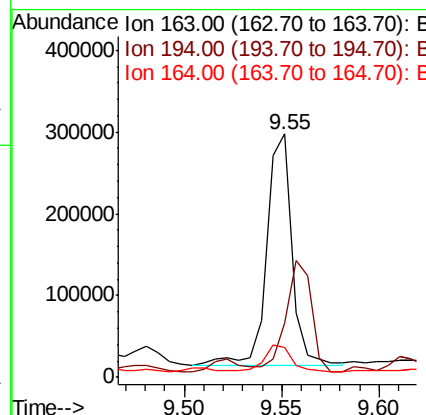
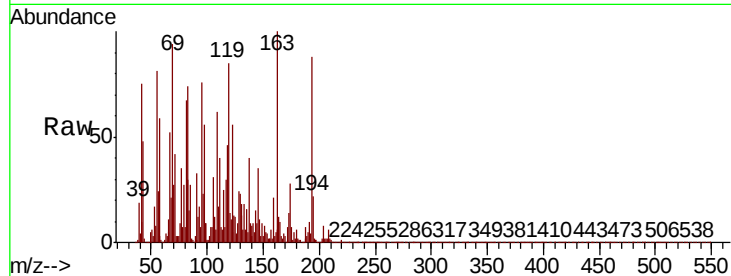
#50
Dimethylphthalate
Concen: 9.545 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	22.0	3.4	5.0#
164	12.3	8.5	12.7

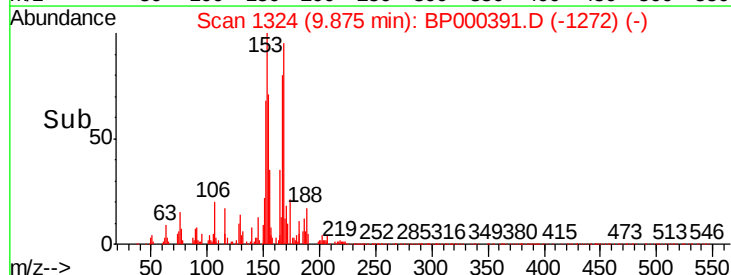
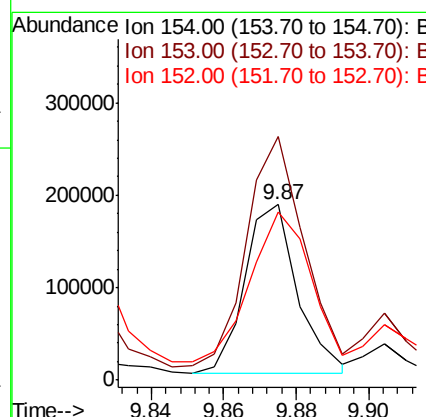
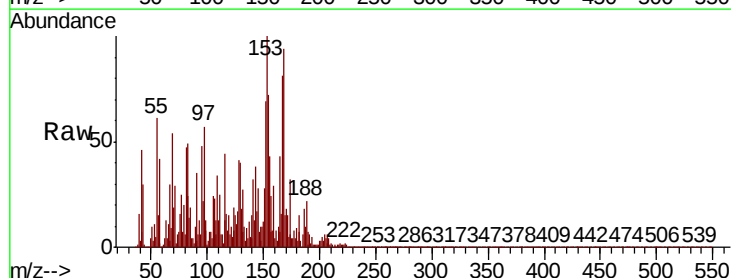
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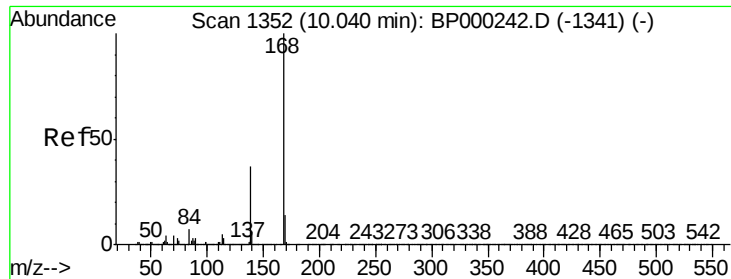
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#52
Acenaphthene
Concen: 8.613 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	138.7	89.8	134.6#
152	95.9	43.4	65.0#





#55

Dibenzofuran

Concen: 6.627 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

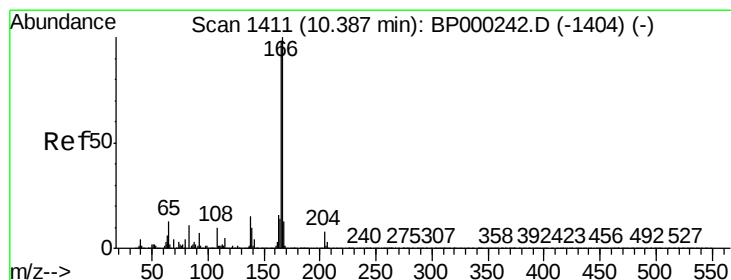
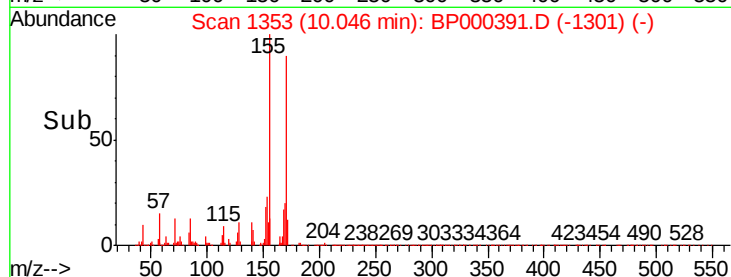
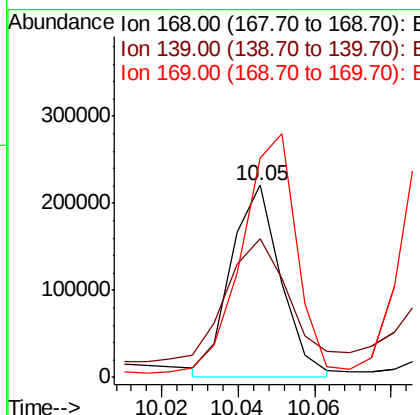
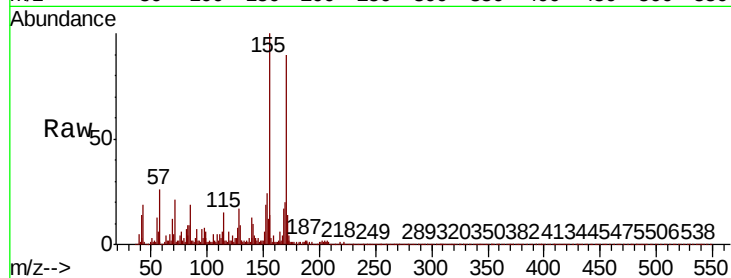
ClientSampleId :

SB-1

Tot Ion:	168	Resp:	200001
Ion Ratio	Lower	Upper	
168	100		
139	72.1	30.0	45.0#
169	114.4	11.0	16.6#

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#58

Fluorene

Concen: 18.996 ng

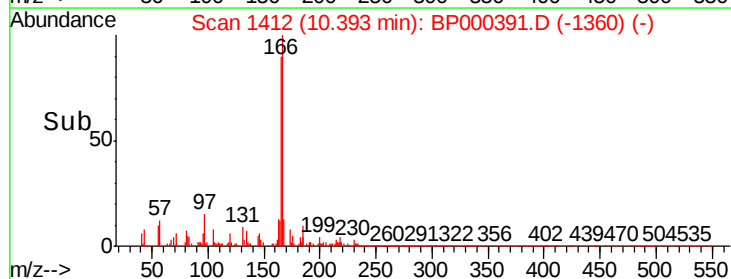
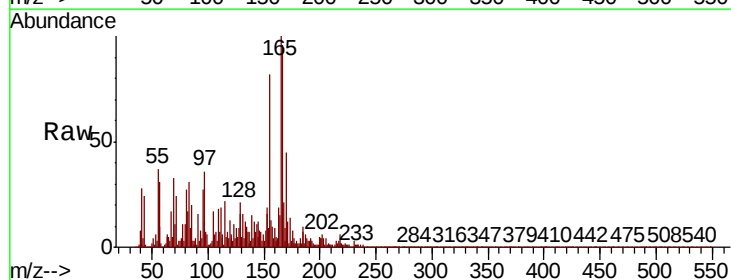
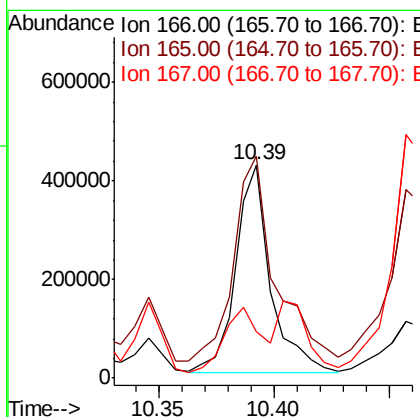
RT: 10.39 min Scan# 1412

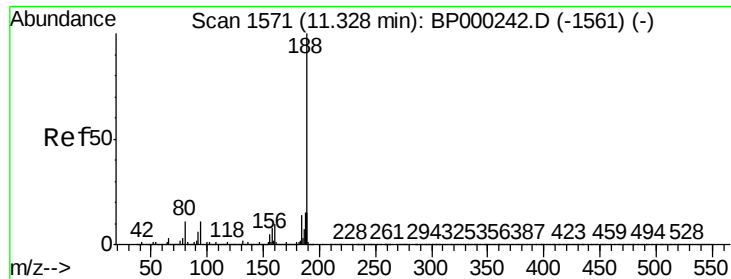
Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Tgt Ion:	166	Resp:	442780
Ion Ratio	Lower	Upper	
166	100		
165	104.2	78.2	117.2
167	22.0	10.7	16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

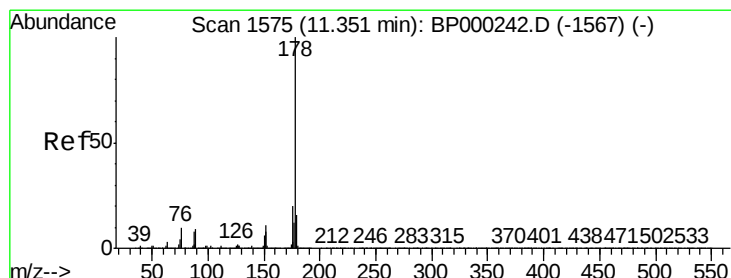
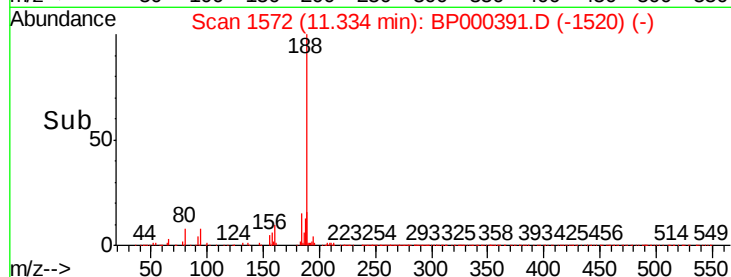
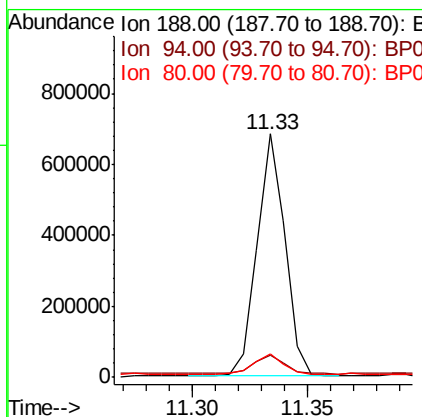
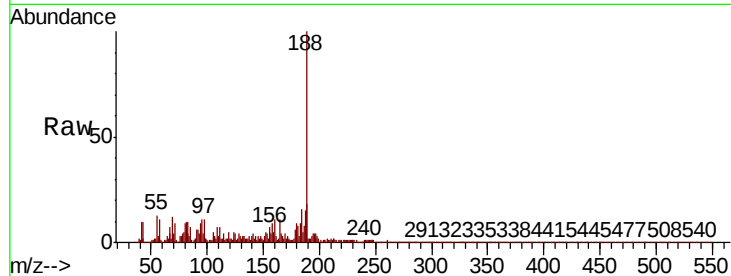
ClientSampled :

SB-1

Tot Ion:	188	Resp:	577980
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.4	8.6	13.0

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#71

Phenanthrene

Concen: 35.531 ng

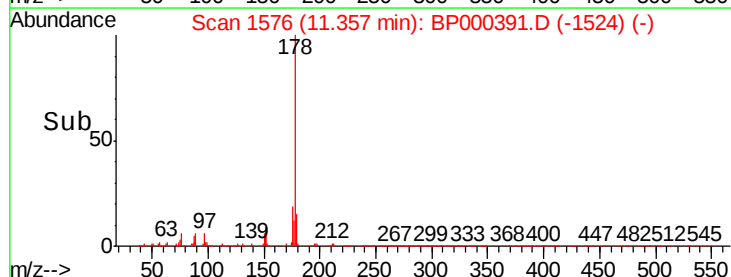
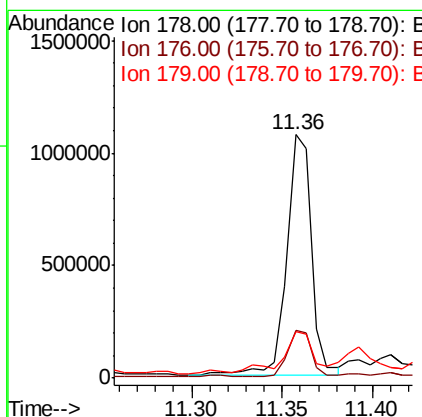
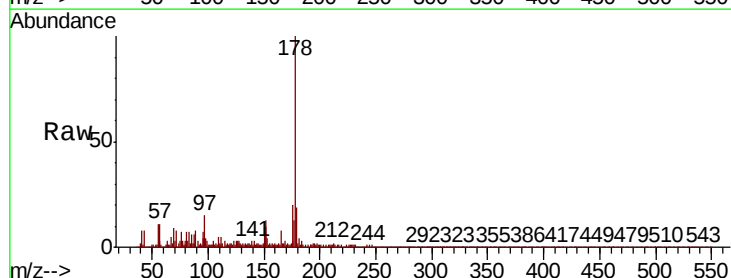
RT: 11.36 min Scan# 1576

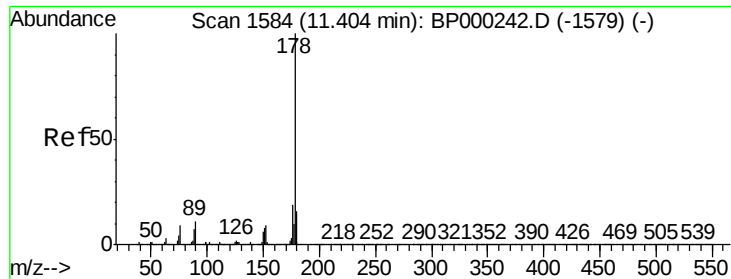
Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Tgt Ion:	178	Resp:	1029111
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	19.1	12.7	19.1#





#72

Anthracene

Concen: 2.570 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

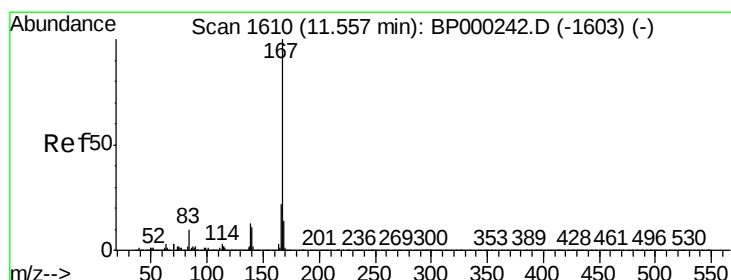
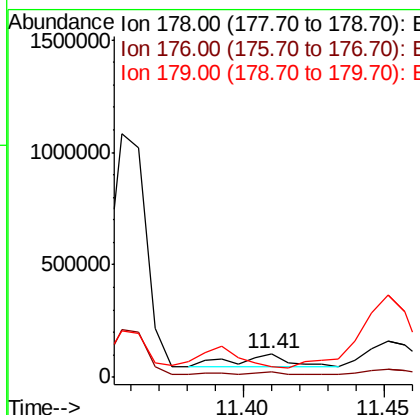
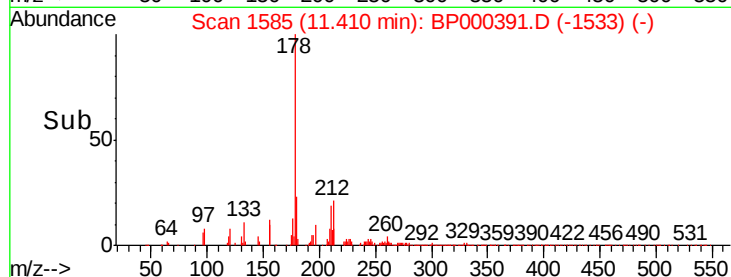
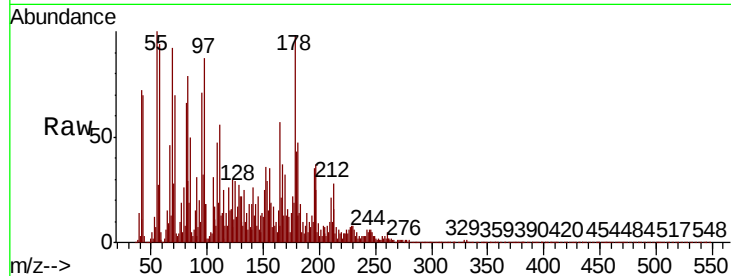
ClientSampled :

SB-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.4	23.0
179	43.9	12.7	19.1

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#73

Carbazole

Concen: 2.208 ng

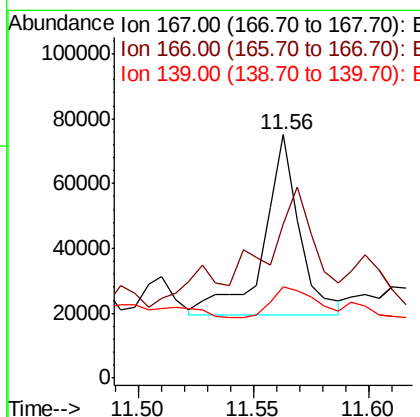
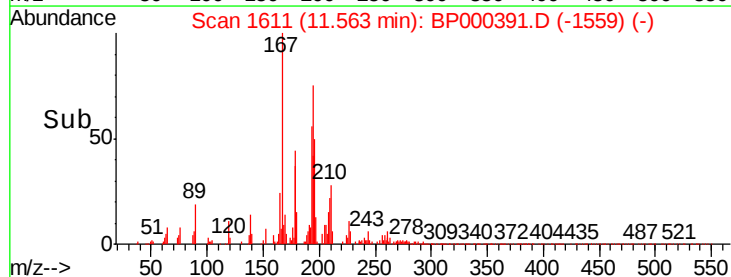
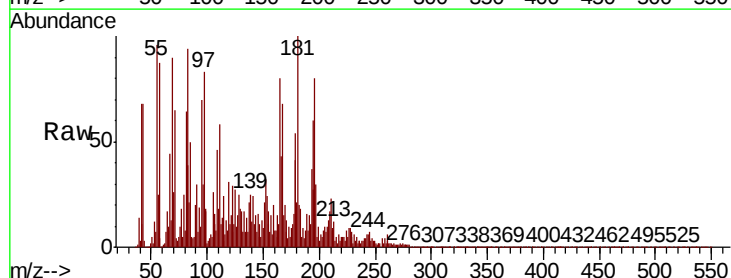
RT: 11.56 min Scan# 1611

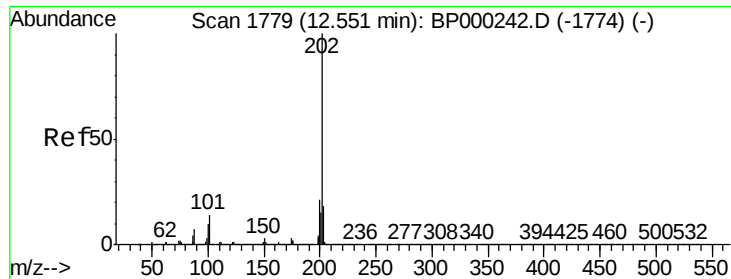
Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	63.4	17.8	26.8
139	37.7	10.8	16.2





#75

Fluoranthene

Concen: 3.777 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

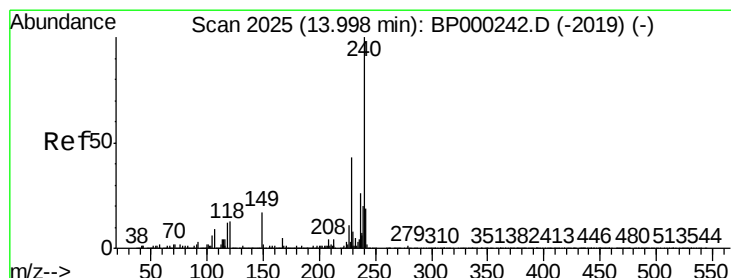
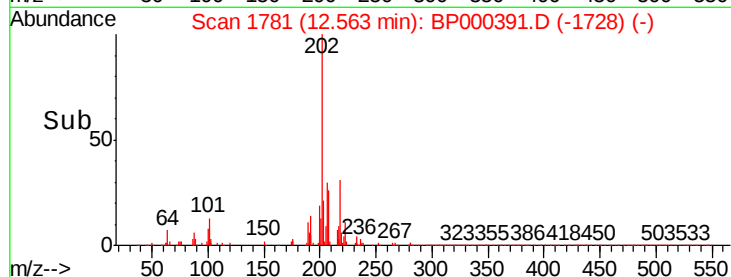
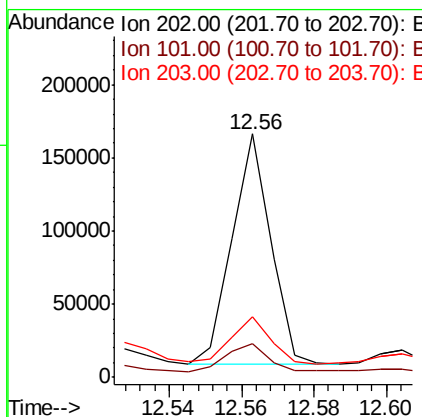
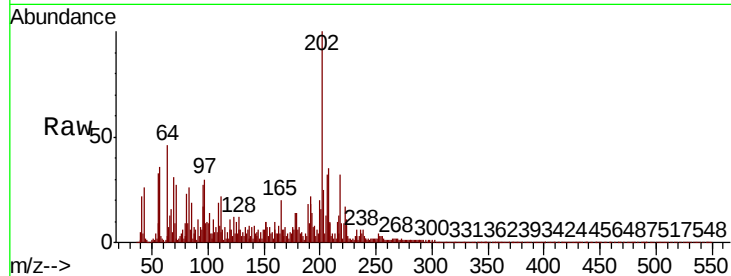
ClientSampled :

SB-1

Tot Ion:	202	Resp:	117482
Ion Ratio		Lower	Upper
202	100		
101	14.0	0.0	33.9
203	25.0	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

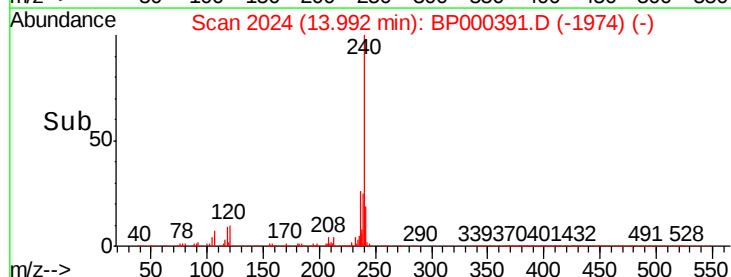
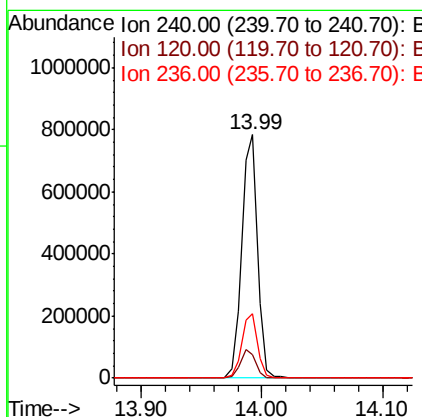
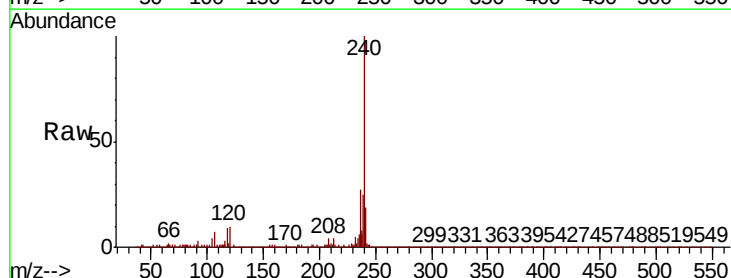
RT: 13.99 min Scan# 2024

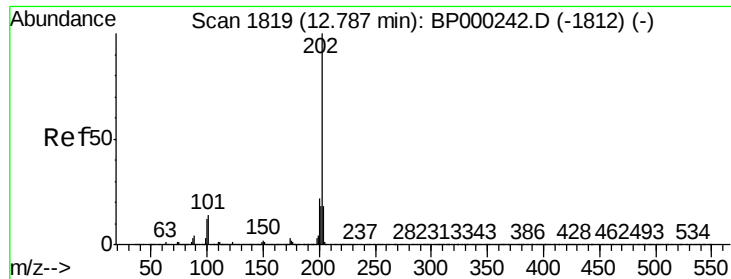
Delta R.T. -0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Tgt Ion:	240	Resp:	710004
Ion Ratio		Lower	Upper
240	100		
120	9.9	10.4	15.6#
236	26.5	21.0	31.6





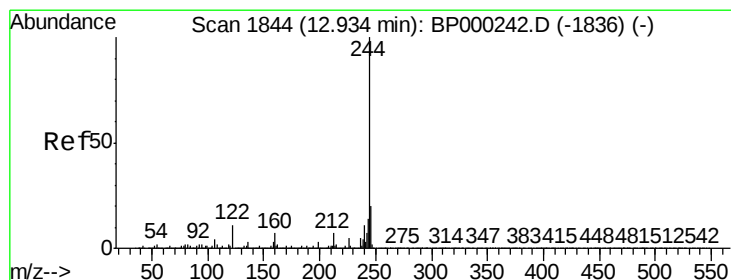
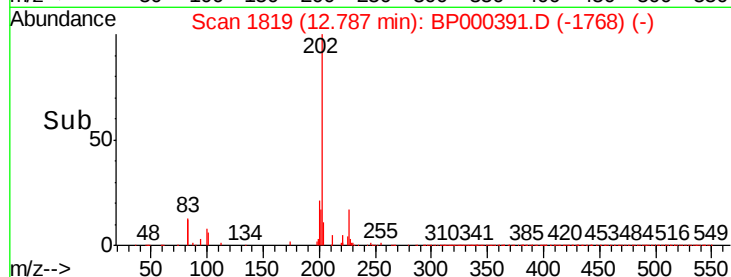
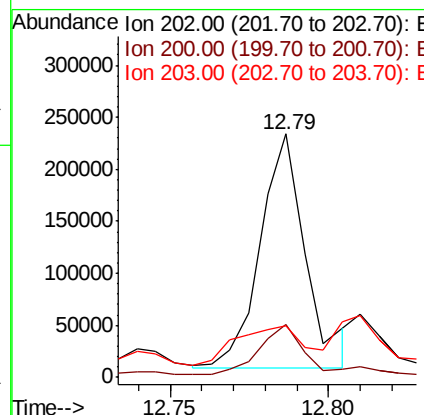
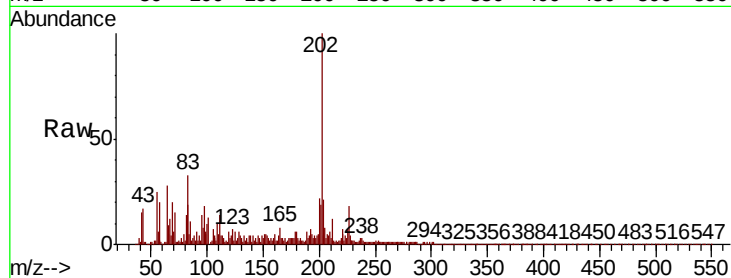
#78
Pvrene
Concen: 4.214 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	21.2	14.3	21.5

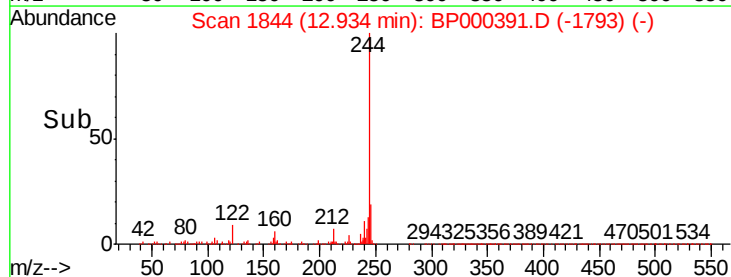
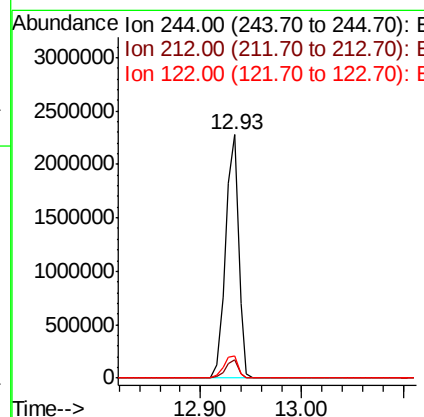
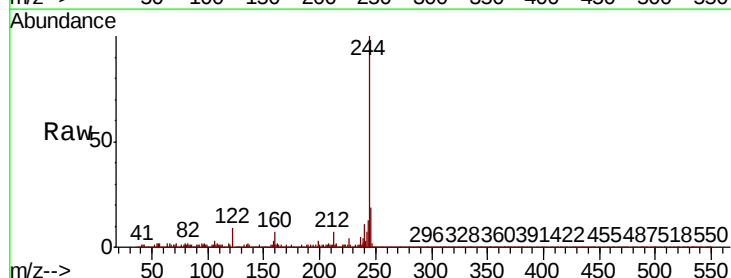
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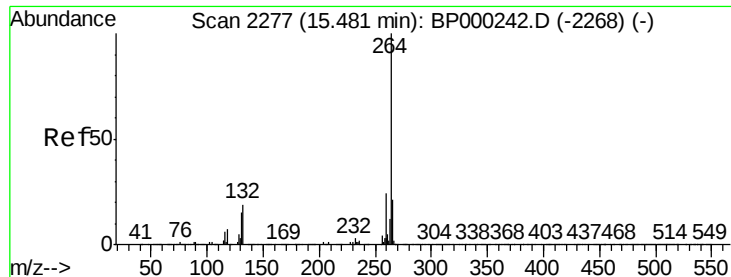
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#79
Terphenyl-d14
Concen: 59.917 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	8.9	9.0	13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BP000391.D
 Acq: 24 Sep 2019 18:12

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Tot Ion:	264	Resp:	753885
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.9	28.3
265	22.2	17.2	25.8

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