

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000717.D
 Acq On : 14 Oct 2019 17:55
 Operator : JU
 Sample : K5348-14RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190882-COMPOSITE-NRE

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:11:48 AM

Quant Time: Oct 15 06:31:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	207784	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	747489	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	408309	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	742140	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	664409	20.00	ng	0.00
87) Perylene-d12	15.45	264	775735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	55129	4.26	ng	-0.01
7) Phenol-d6	6.39	99	557747	35.81	ng	-0.02
23) Nitrobenzene-d5	7.31	82	779719	63.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	20941	4.81	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1635143	64.80	ng	-0.02
79) Terphenyl-d14	12.90	244	1864170	56.81	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	58492	3.668	ng	94
50) Dimethylphthalate	9.51	163	286371	10.094	ng	99
75) Fluoranthene	12.52	202	132029	3.154	ng	97
78) Pyrene	12.76	202	137642	3.004	ng	99
81) Benzo(a)anthracene	13.96	228	86108	2.124	ng	# 83
83) Chrysene	14.00	228	84718m	2.129	ng	
84) Bis(2-ethylhexyl)phthalate	13.96	149	84880	3.380	ng	98
88) Benzo(b)fluoranthene	15.02	252	112461m	2.555	ng	
90) Benzo(a)pyrene	15.39	252	92206	2.248	ng	# 92

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

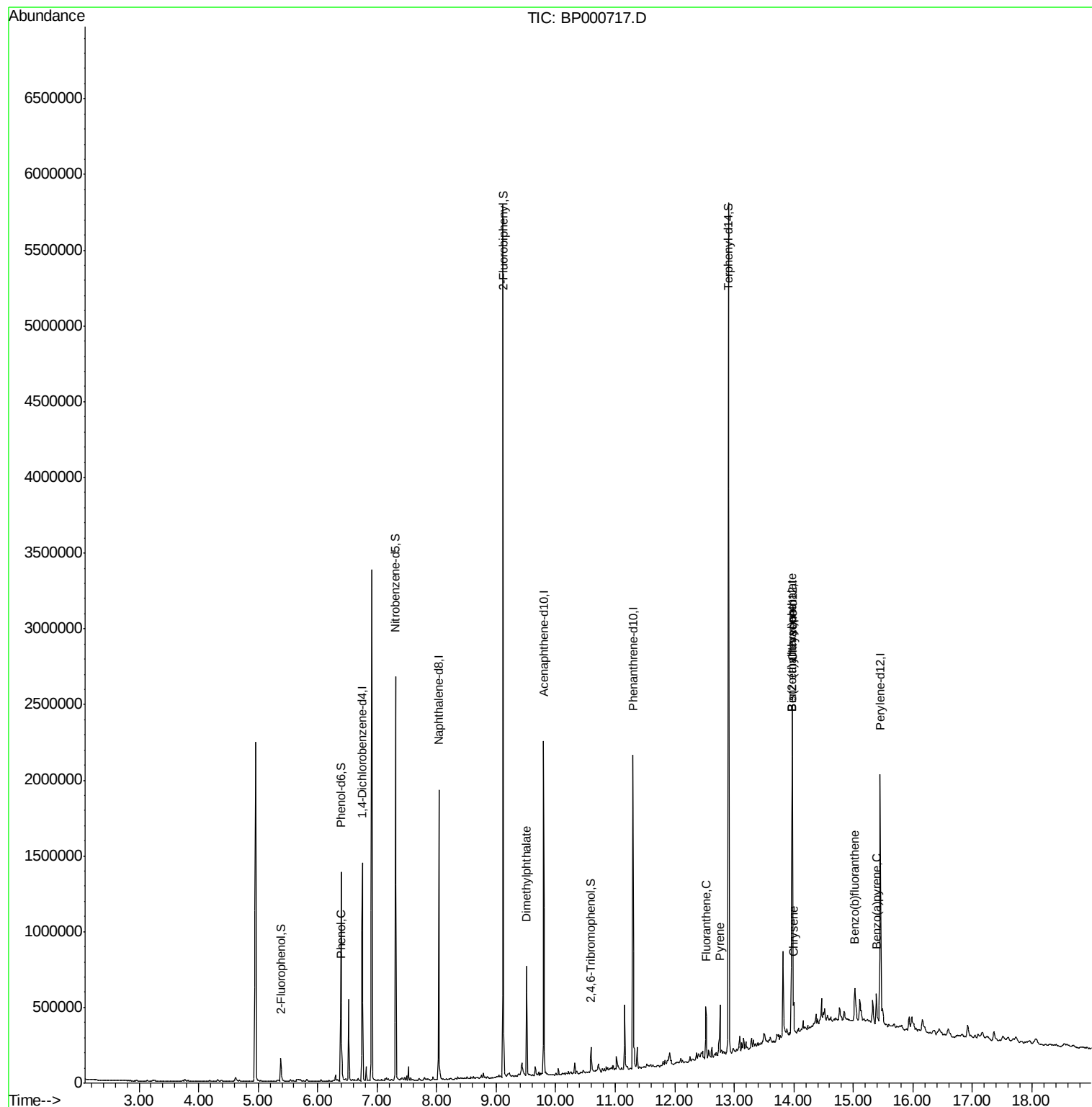
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000717.D
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Operator : JU
Sample : K5348-14RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

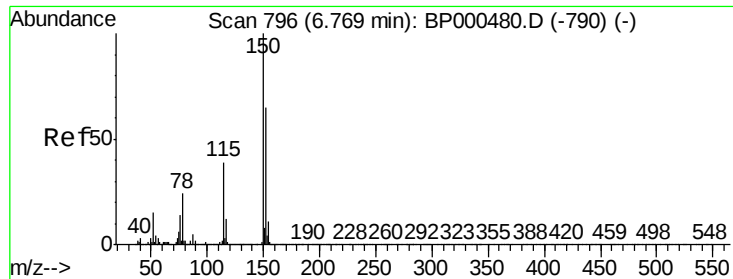
Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

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Quant Time: Oct 15 06:31:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

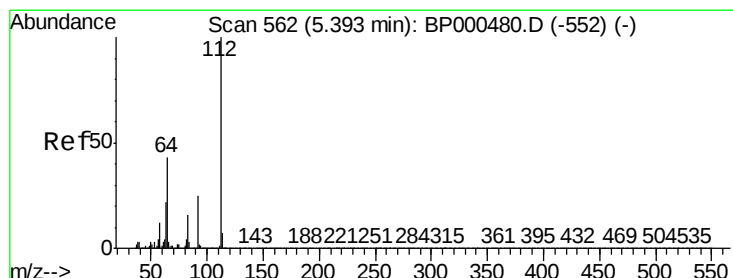
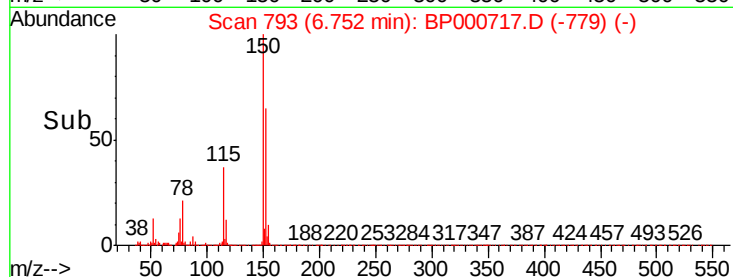
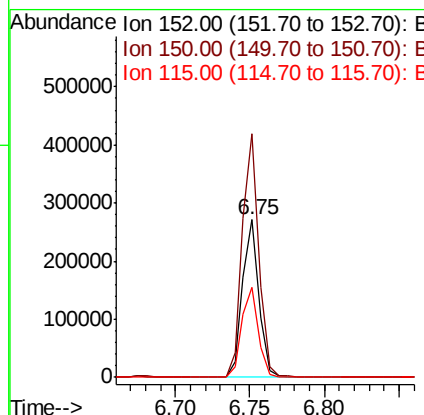
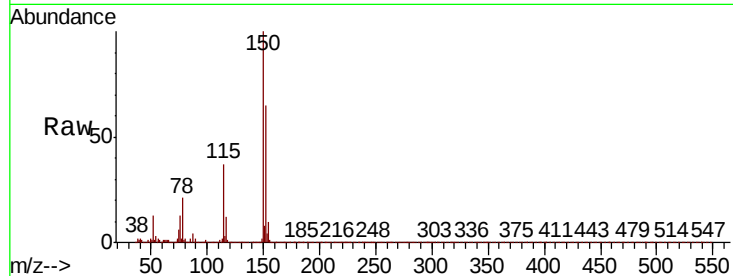
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	57.1	48.7	73.1

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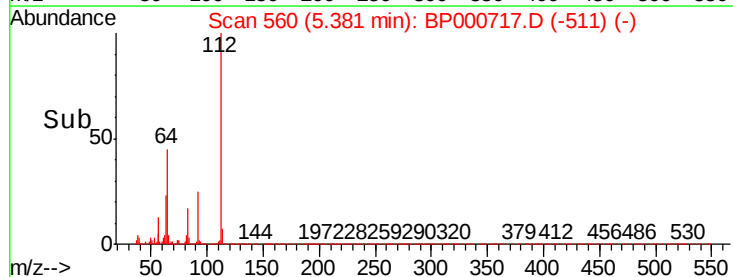
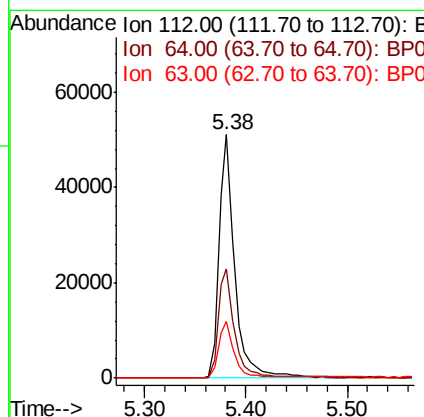
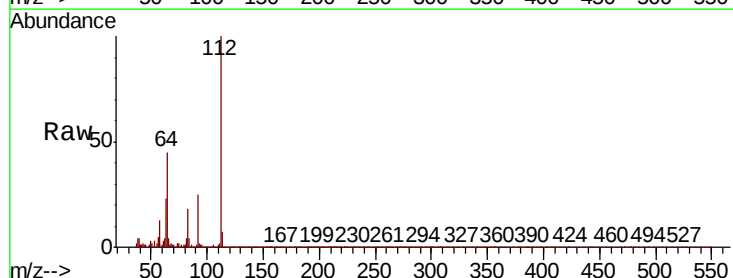
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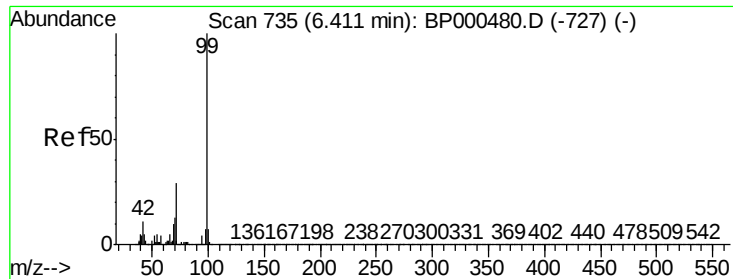


#5

2-Fluorophenol
Concen: 4.265 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	34.2	51.4
63	23.1	17.9	26.9





#7

Phenol-d6

Concen: 35.806 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000717.D

Acq: 14 Oct 2019 17:55

Instrument :

BNA_P

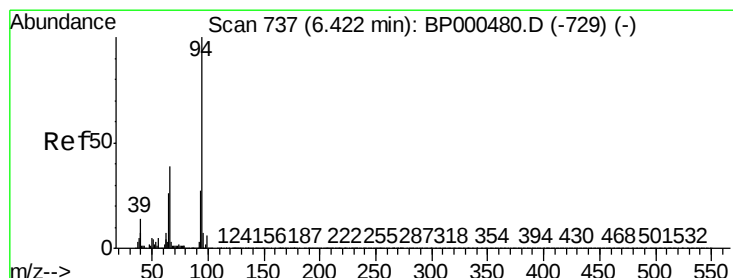
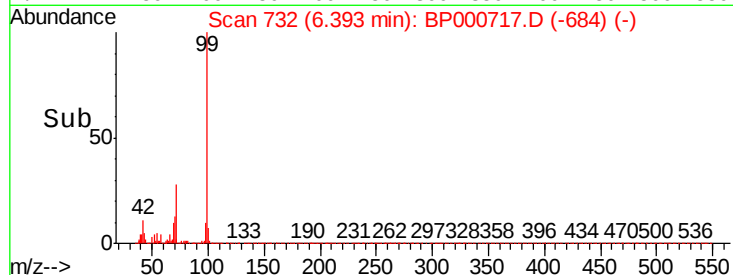
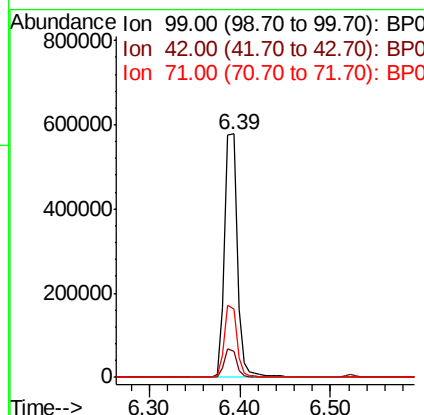
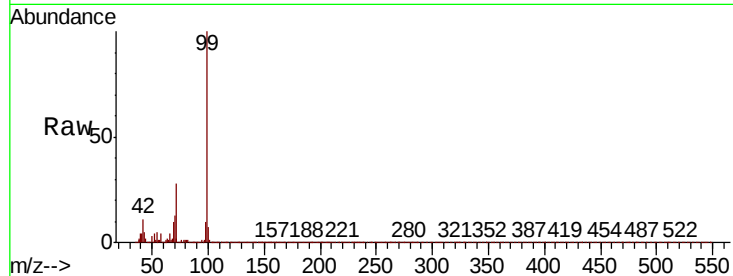
ClientSampleId :

20190882-COMPOSITE-NRE

Tot Ion:	99	Resp:	557747
Ion Ratio	Lower	Upper	
99	100		
42	10.6	8.6	12.8
71	28.2	23.0	34.4

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#10

Phenol

Concen: 3.668 ng

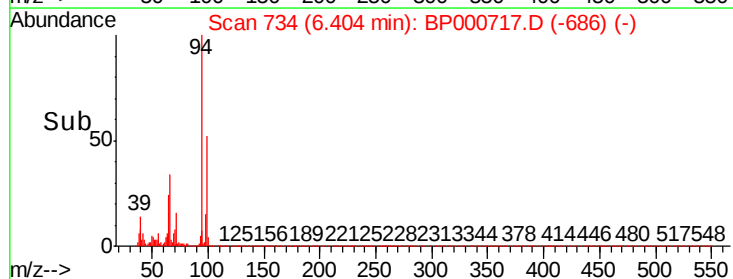
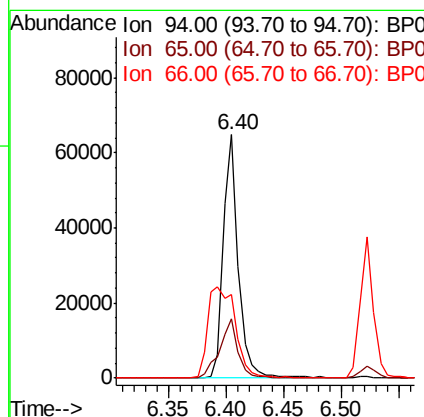
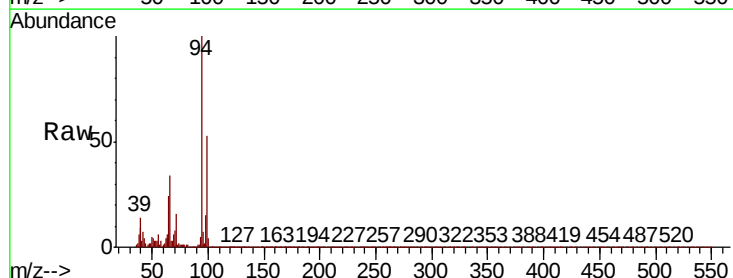
RT: 6.40 min Scan# 734

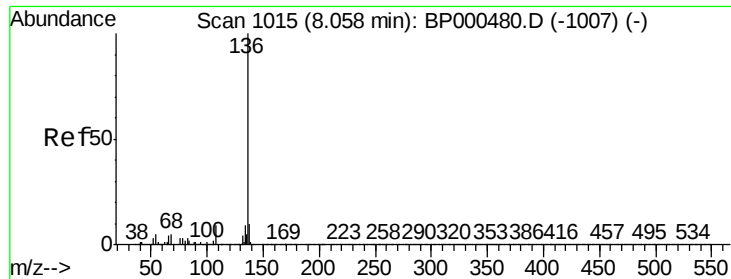
Delta R.T. -0.02 min

Lab File: BP000717.D

Acq: 14 Oct 2019 17:55

Tgt Ion:	94	Resp:	58492
Ion Ratio	Lower	Upper	
94	100		
65	24.5	5.9	45.9
66	34.1	18.8	58.8





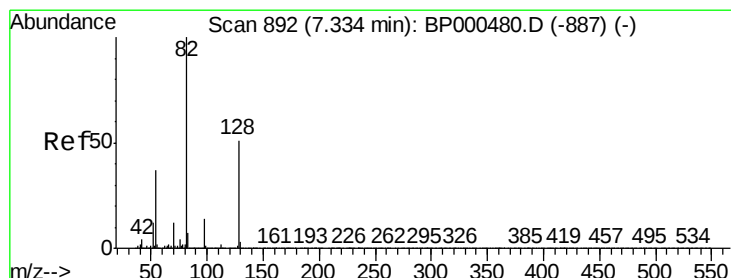
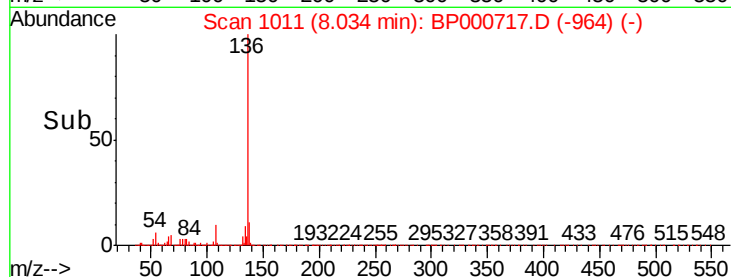
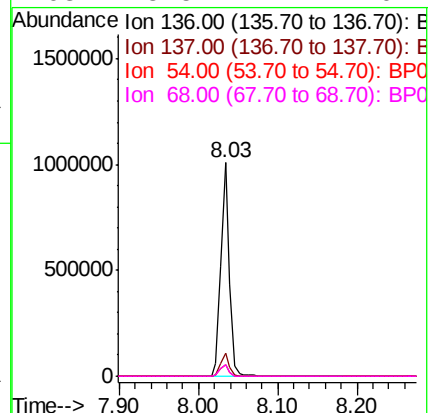
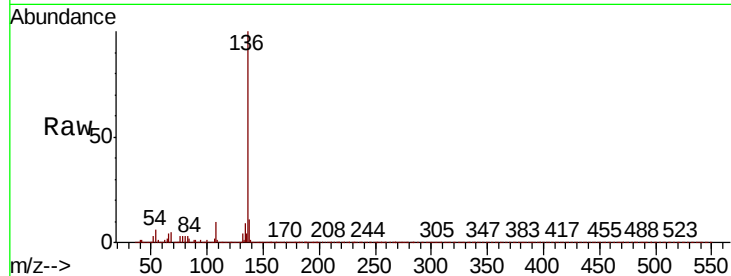
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9		8.2	12.4	
54	5.6		4.1	6.1	
68	5.5		4.1	6.1	

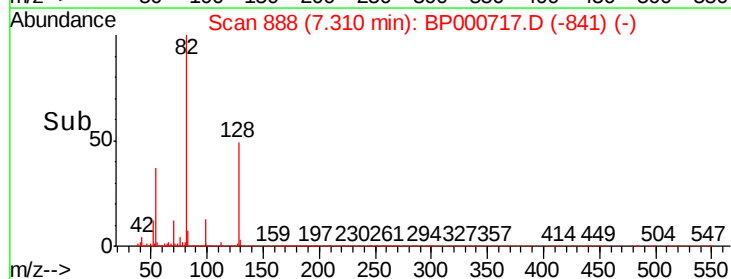
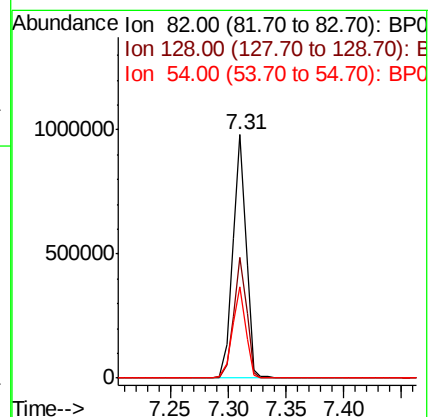
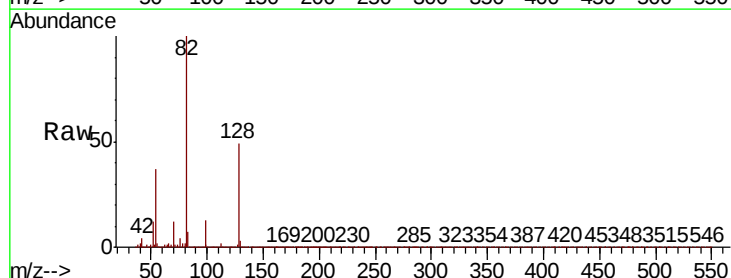
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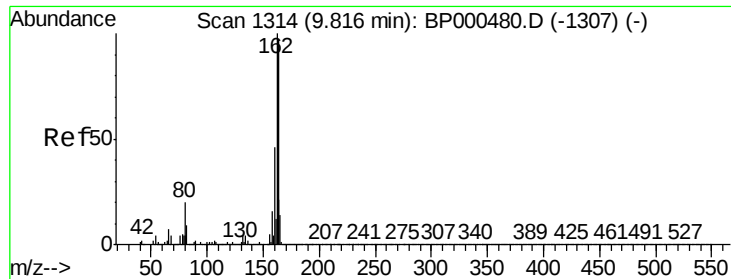
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#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	49.4		40.9	61.3	
54	37.5		29.4	44.2	





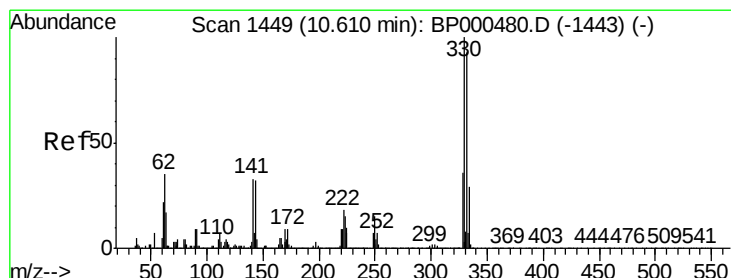
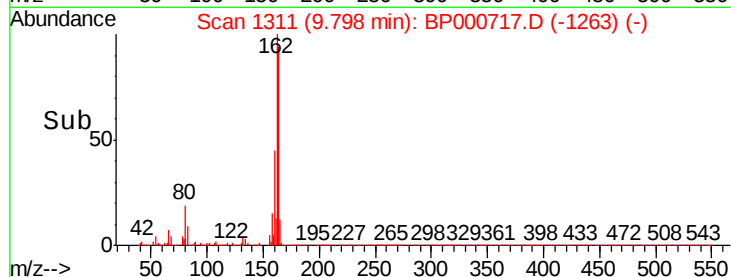
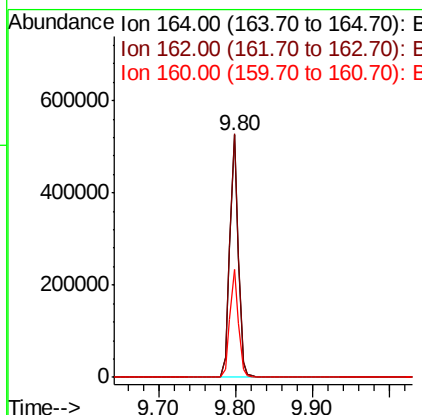
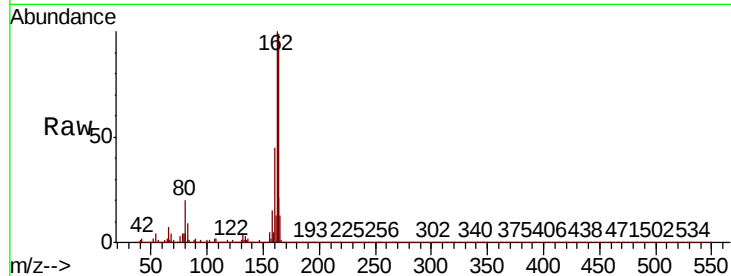
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	82.2	123.2	
160	44.9	37.6	56.4	

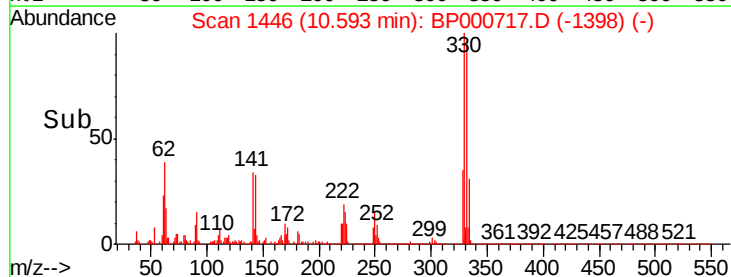
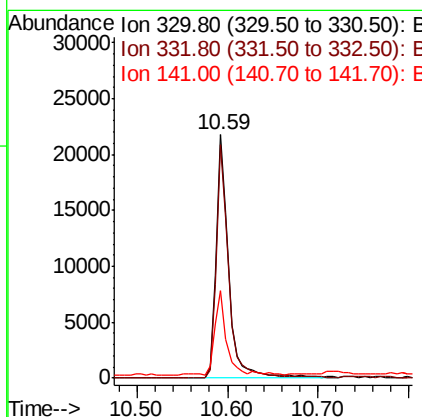
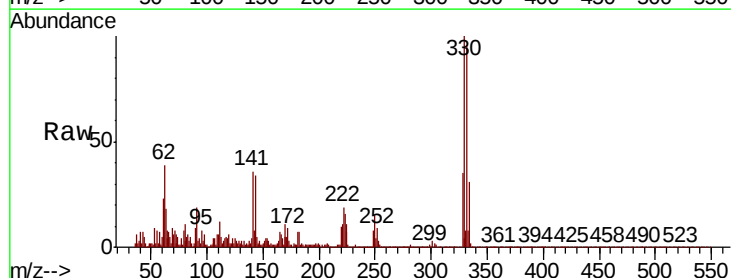
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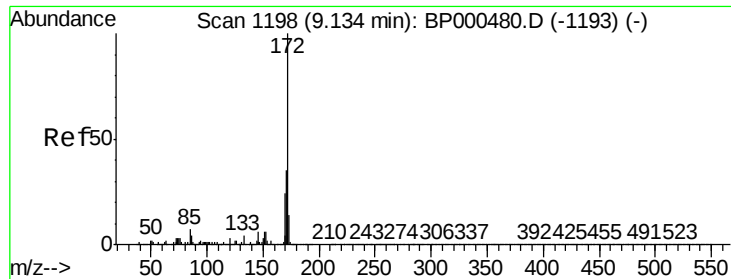
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#42
2,4,6-Tribromophenol
Concen: 4.813 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.1	77.1	115.7	
141	30.9	26.0	39.0	





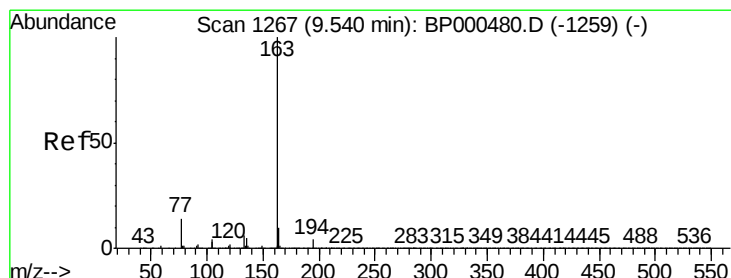
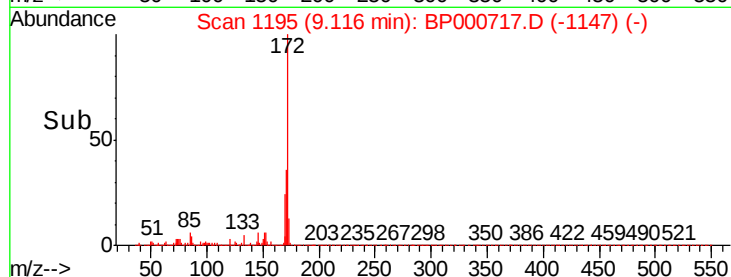
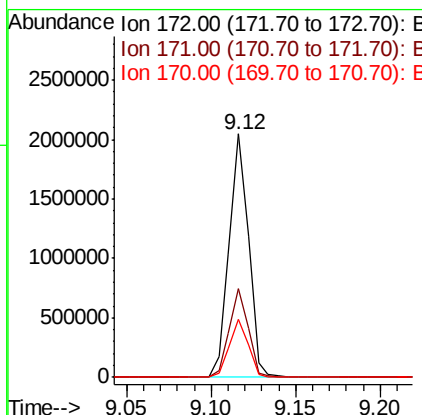
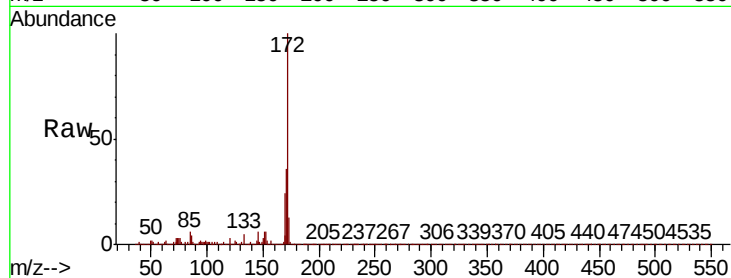
#45
2-Fluorobiphenyl
Concen: 64.795 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	24.0	19.1	28.7

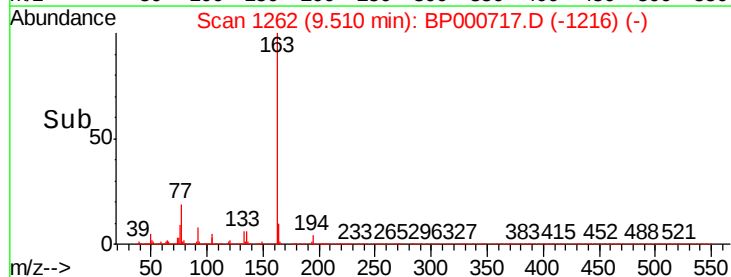
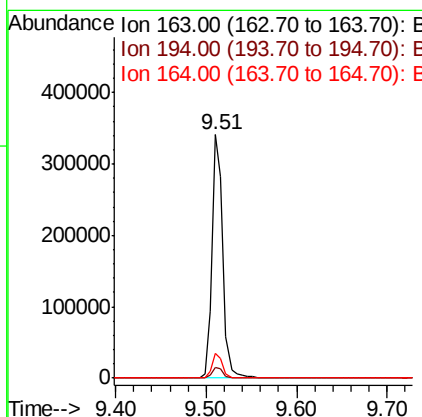
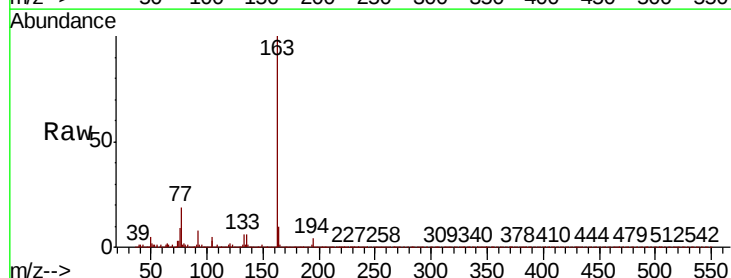
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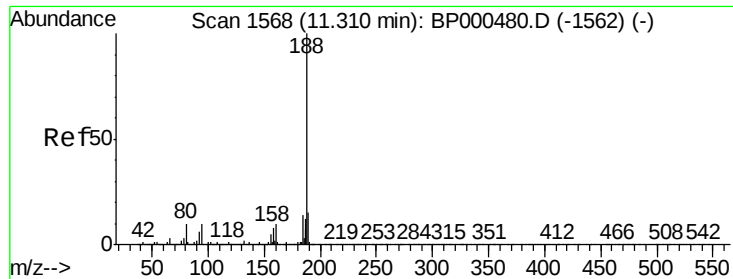
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#50
Dimethylphthalate
Concen: 10.094 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.0	12.0





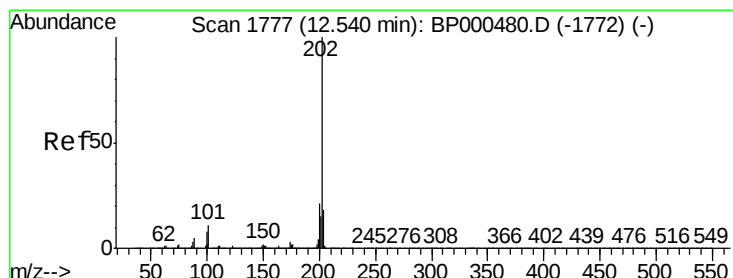
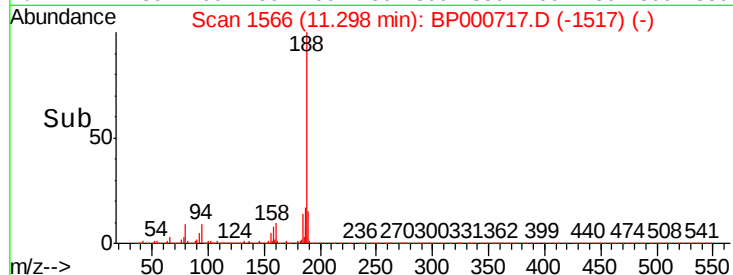
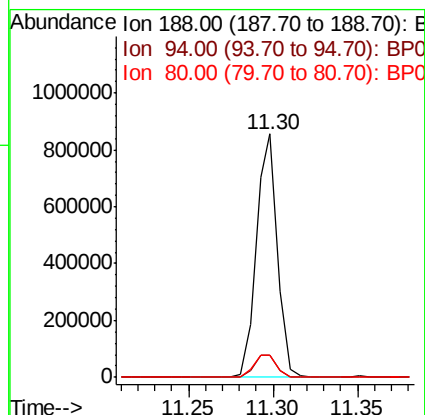
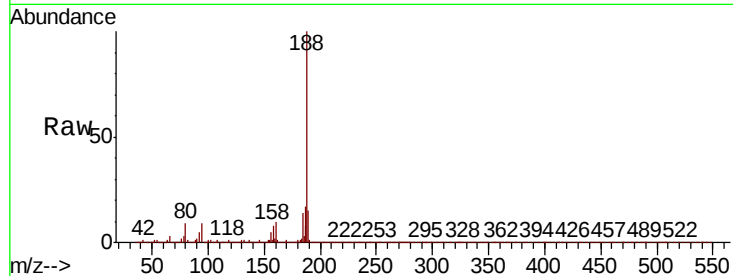
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion:	188	Resp:	742140
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.2	12.2
80	9.2	8.3	12.5

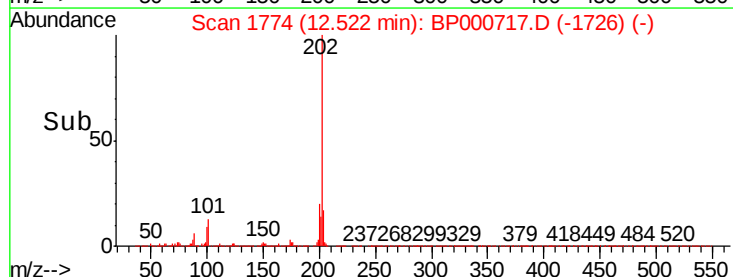
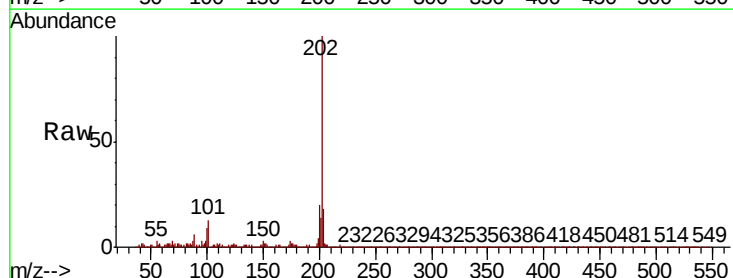
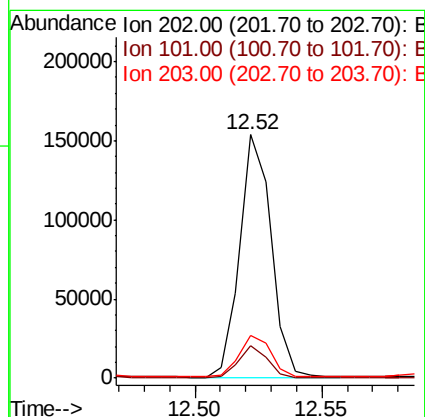
Manual Integrations
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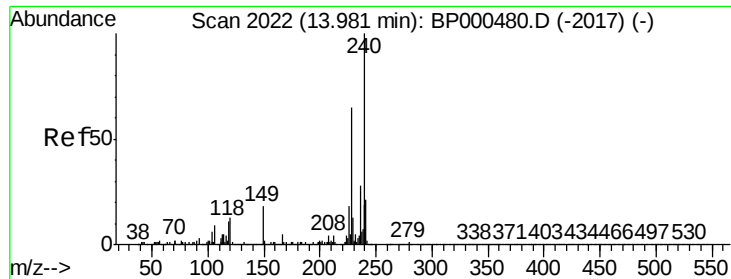
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#75
Fluoranthene
Concen: 3.154 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:	202	Resp:	132029
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	31.3
203	17.5	0.0	38.1





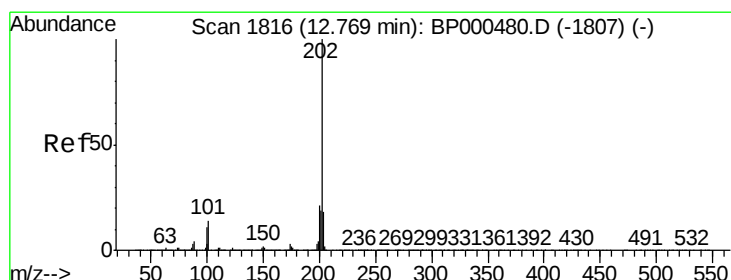
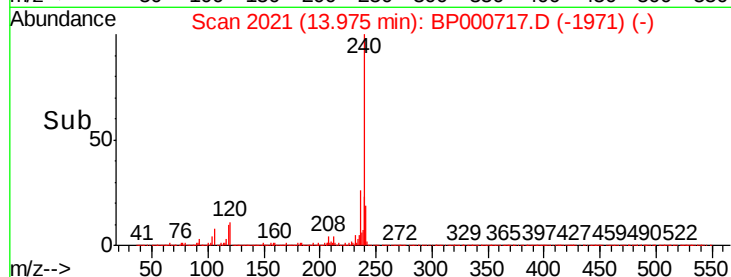
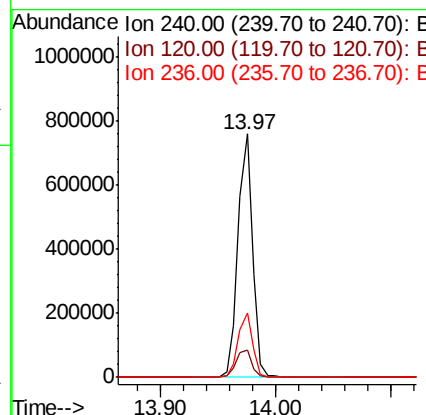
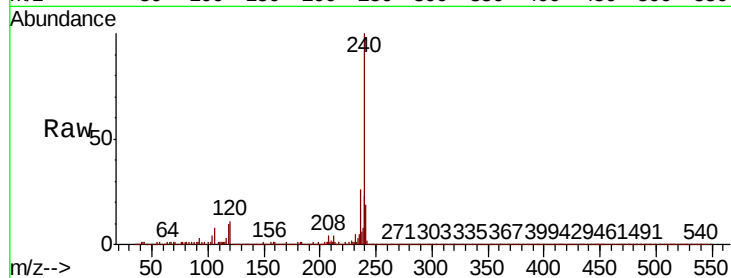
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	26.4	22.7	34.1

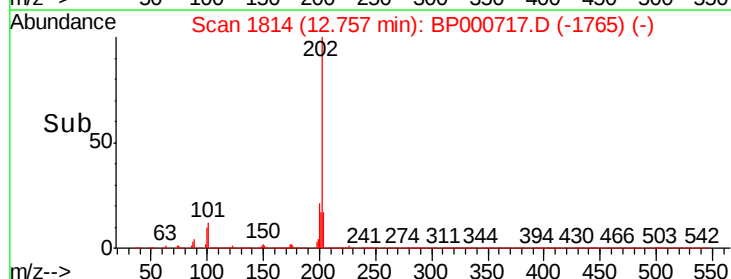
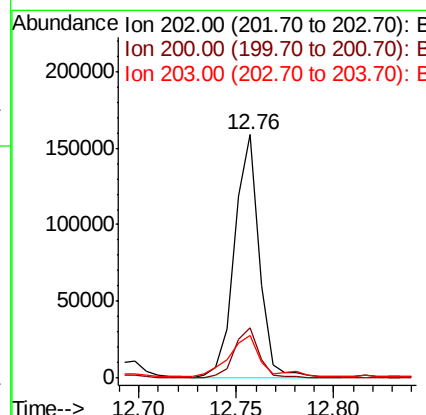
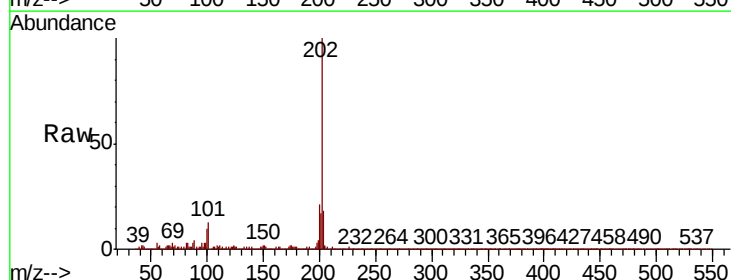
Manual Integrations
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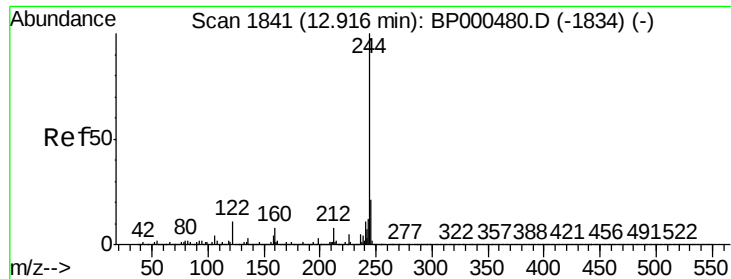
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#78
Pyrene
Concen: 3.004 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.7	14.6	21.8





#79

Terphenyl-d14

Concen: 56.809 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000717.D

Acq: 14 Oct 2019 17:55

Instrument :

BNA_P

ClientSampleId :

20190882-COMPOSITE-NRE

Tot Ion:244 Resp: 1864170

Ion Ratio Lower Upper

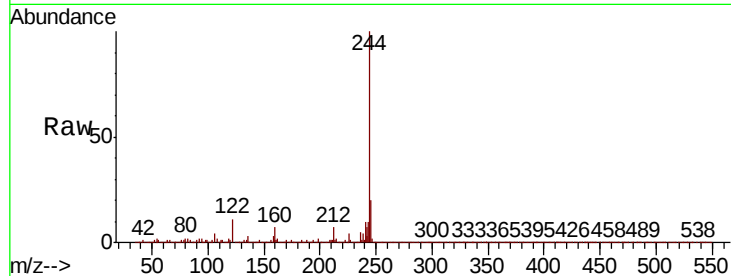
244 100

212 7.3 6.0 9.0

122 11.4 8.9 13.3

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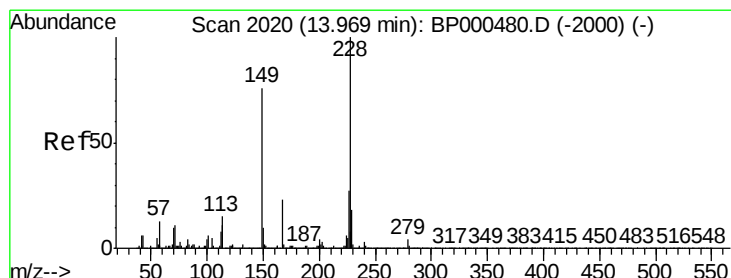
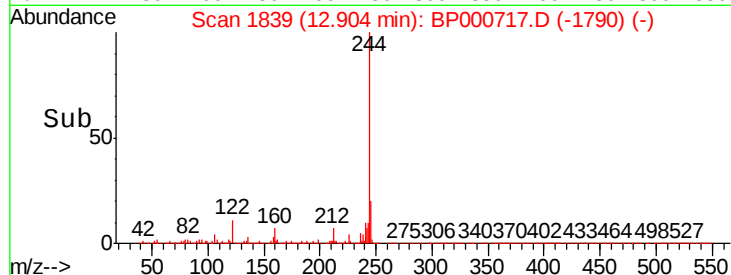
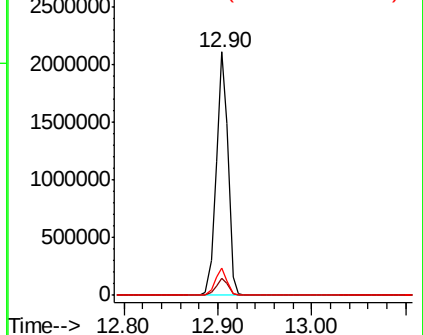


Abundance

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



#81

Benzo(a)anthracene

Concen: 2.124 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000717.D

Acq: 14 Oct 2019 17:55

Tgt Ion:228 Resp: 86108

Ion Ratio Lower Upper

228 100

226 39.1 21.4 32.2#

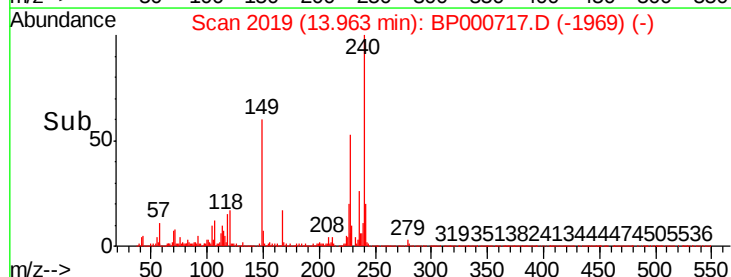
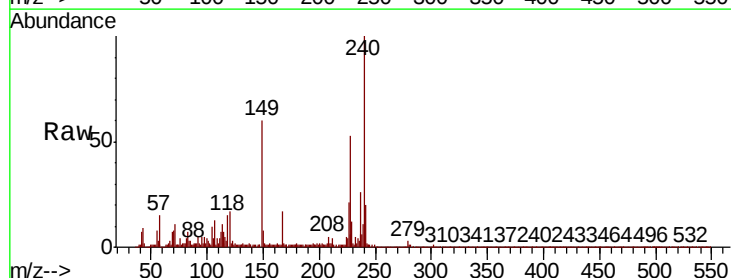
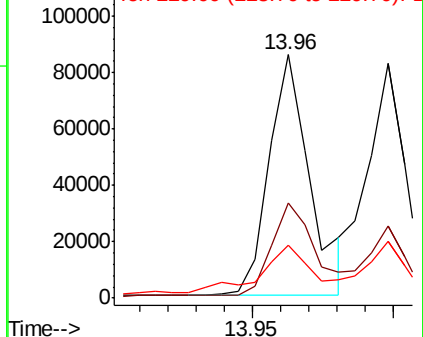
229 21.6 14.7 22.1

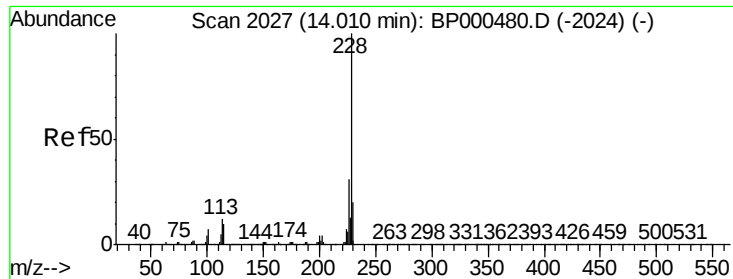
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





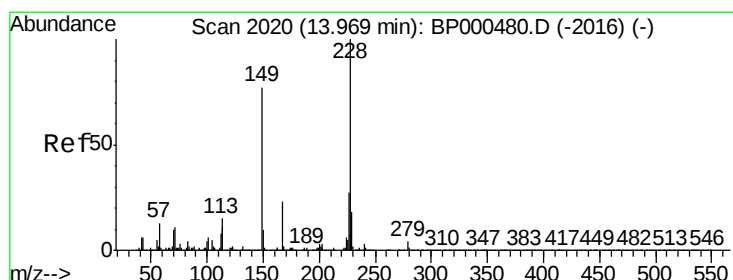
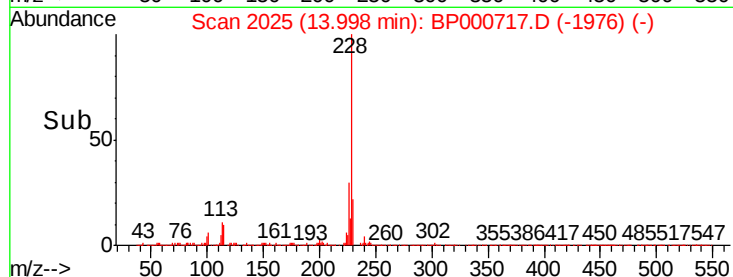
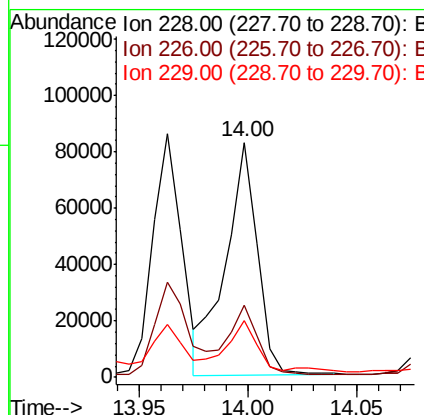
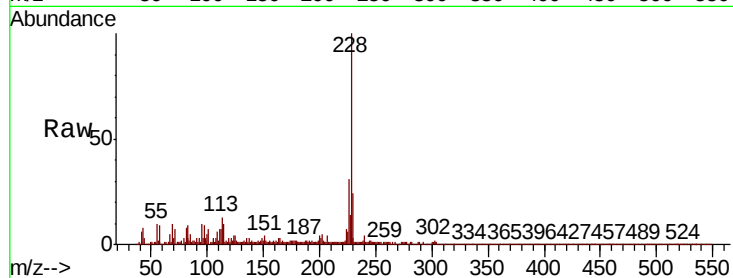
#83
Chrysene
Concen: 2.129 ng m
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	24.2	16.3	24.5

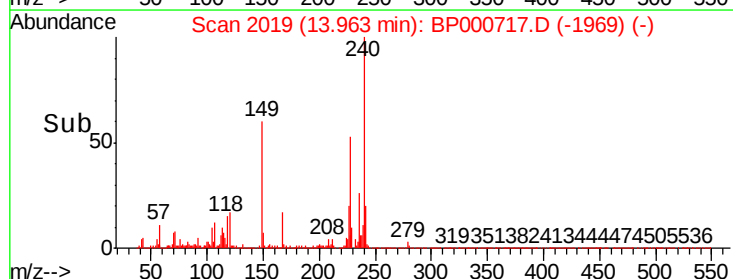
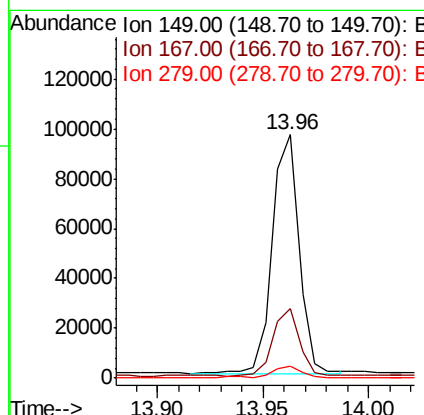
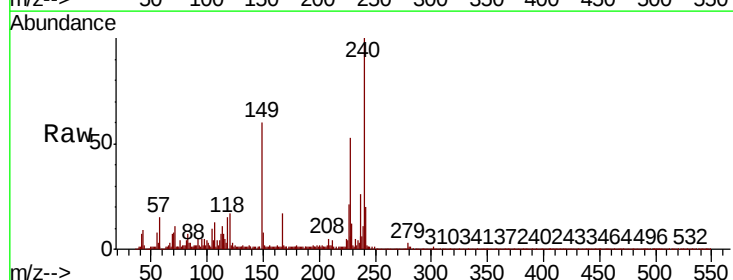
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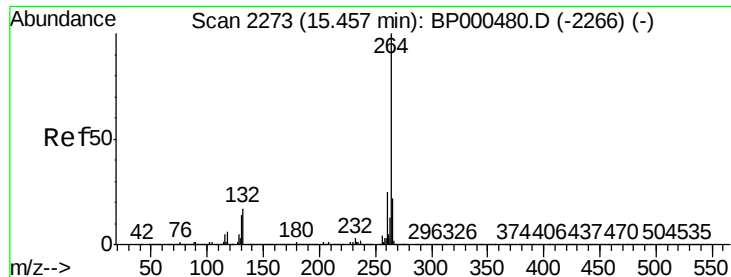
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.380 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.6	35.4
279	5.2	3.9	5.9





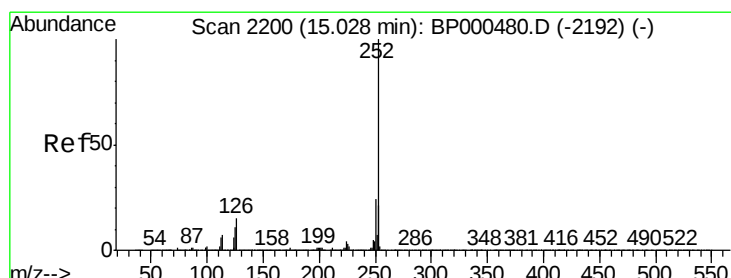
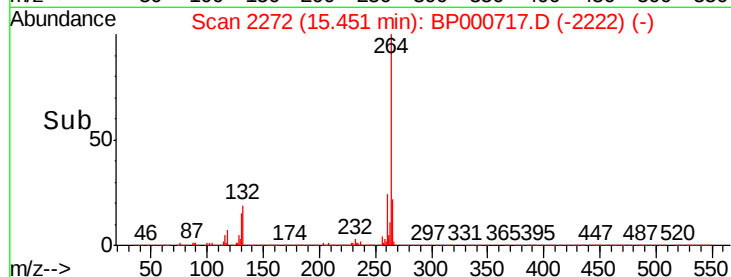
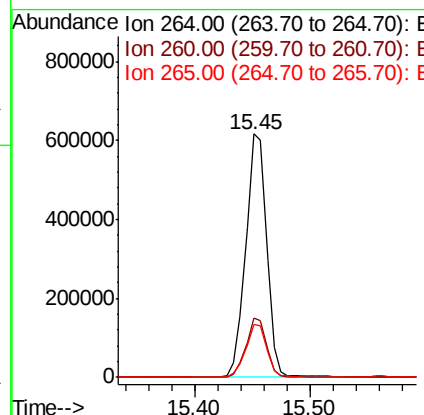
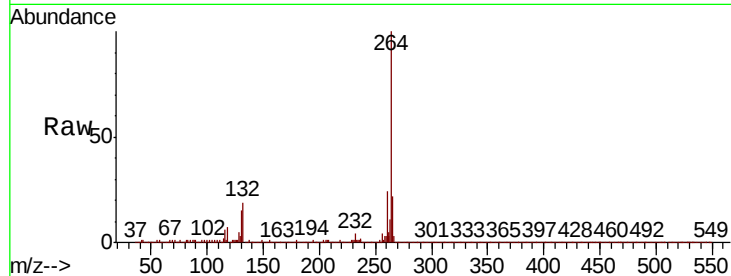
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.7	18.0	27.0

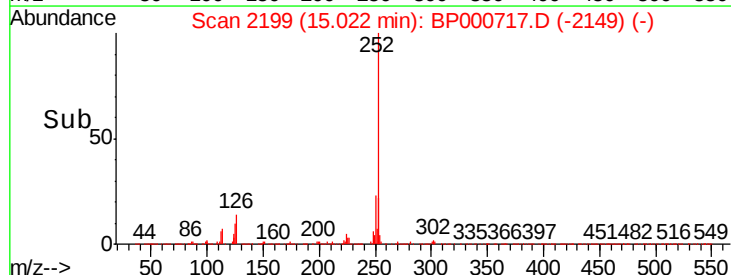
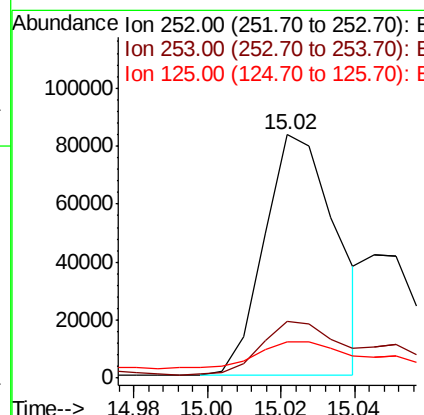
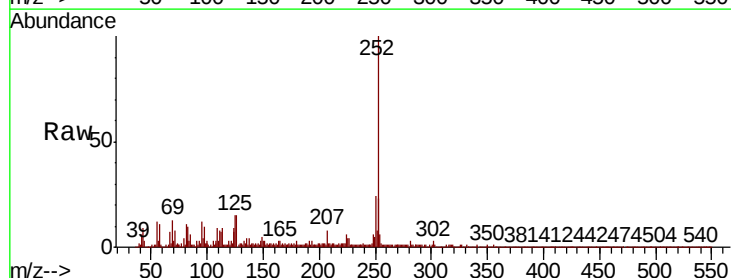
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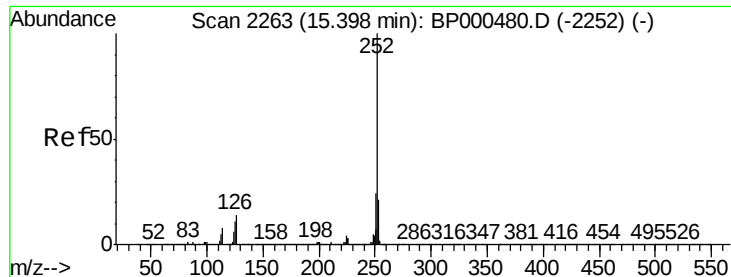
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#88
Benzo(b)fluoranthene
Concen: 2.555 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.0	25.4
125	14.9	8.9	13.3#





#90
Benzo(a)pyrene
Concen: 2.248 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Instrument :
BNA_P
ClientSampleId :
20190882-COMPOSITE-NRE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.0	25.6
125	15.6	8.4	12.6

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