

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
 Data File : BP000715.D
 Acq On : 14 Oct 2019 17:06
 Operator : JU
 Sample : K5348-12RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190880-COMPOSITE-LRE

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:11:40 AM

Quant Time: Oct 15 04:41:06 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	203084	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	727859	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	400903	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	738312	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	660626	20.00	ng	0.00
87) Perylene-d12	15.46	264	762995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	277765	21.99	ng	-0.02
7) Phenol-d6	6.39	99	1010169	66.35	ng	-0.02
23) Nitrobenzene-d5	7.31	82	838814	70.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	71824	16.81	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1750835	70.66	ng	-0.02
79) Terphenyl-d14	12.90	244	2024626	62.05	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	69592	4.465	ng	94
50) Dimethylphthalate	9.51	163	327756	11.766	ng	99
75) Fluoranthene	12.53	202	113285	2.720	ng	100
78) Pyrene	12.76	202	125881	2.763	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	53405	2.139	ng	98
88) Benzo(b)fluoranthene	15.03	252	106008m	2.449	ng	
90) Benzo(a)pyrene	15.39	252	87918	2.179	ng	# 91

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

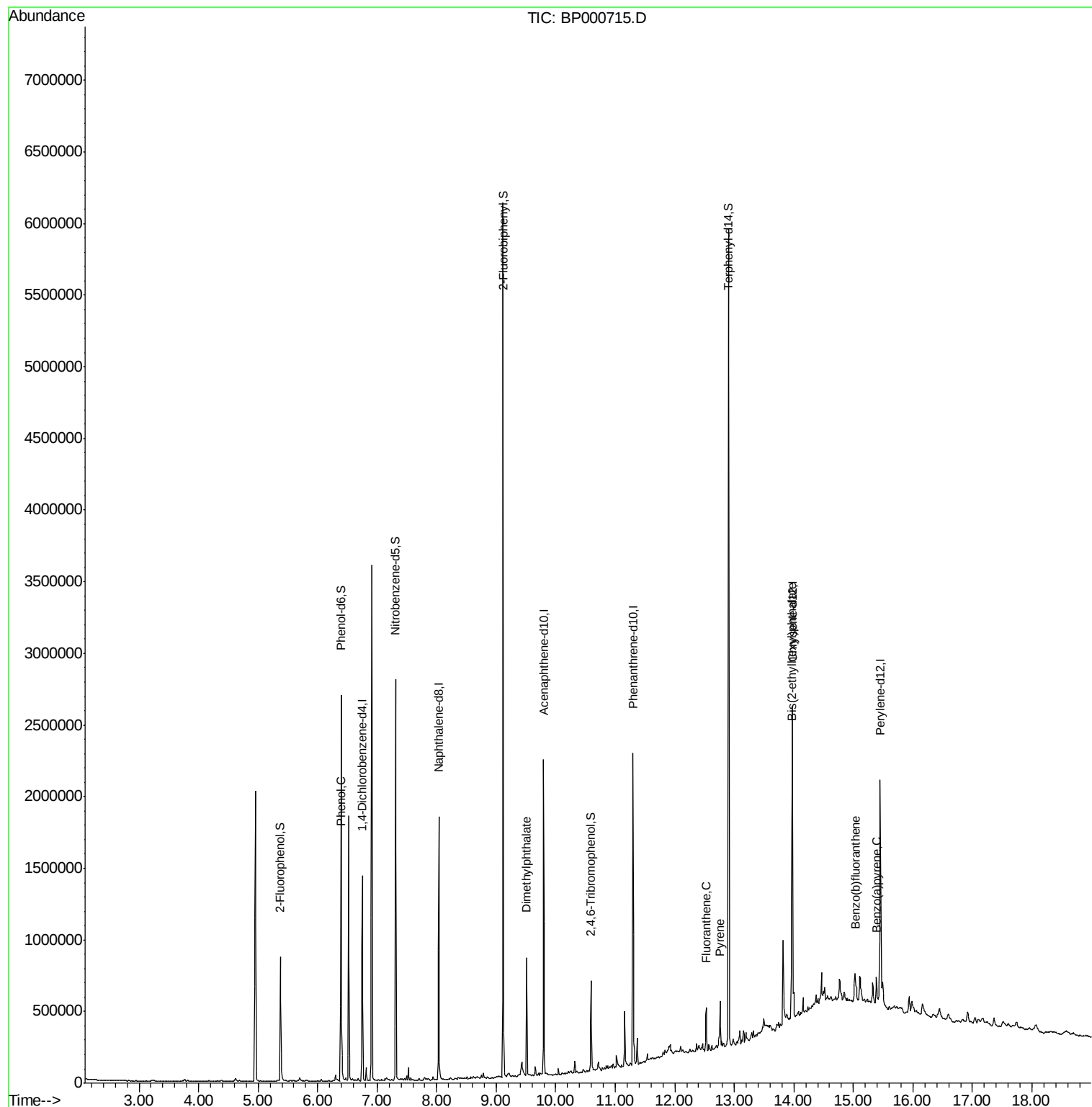
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000715.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

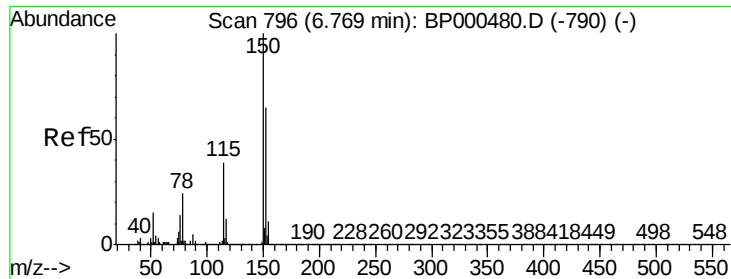
Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

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Quant Time: Oct 15 04:41:06 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

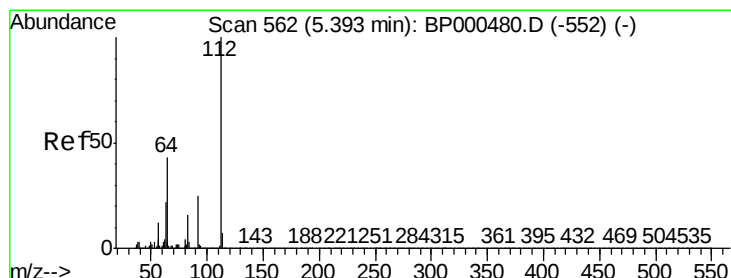
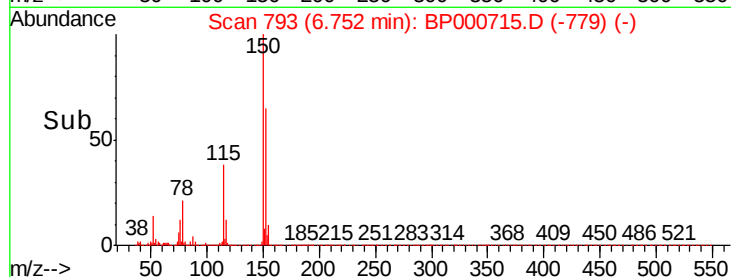
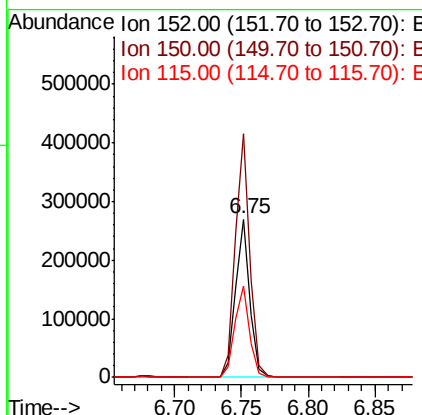
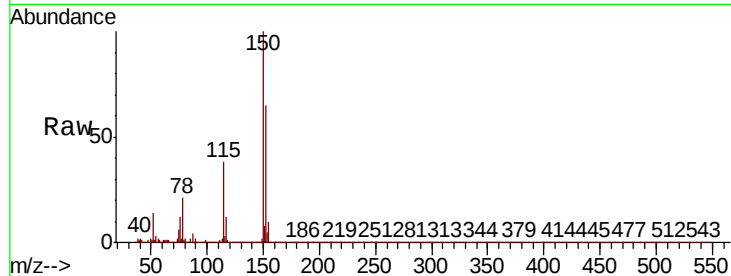
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.1	186.1
115	58.0	48.7	73.1

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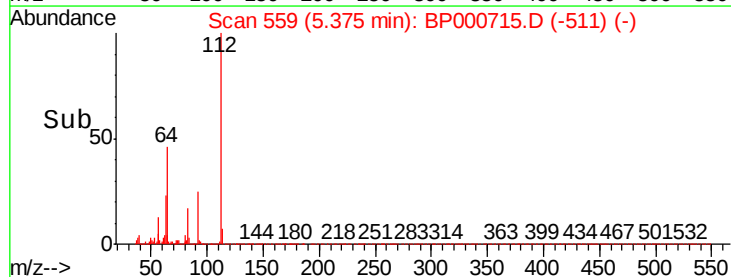
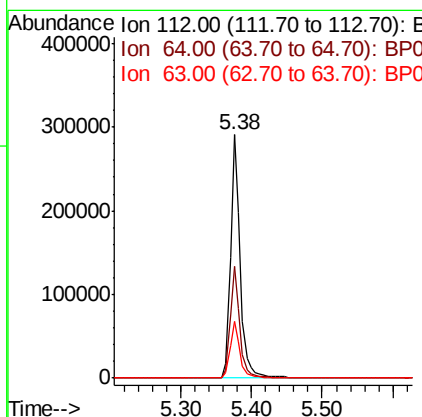
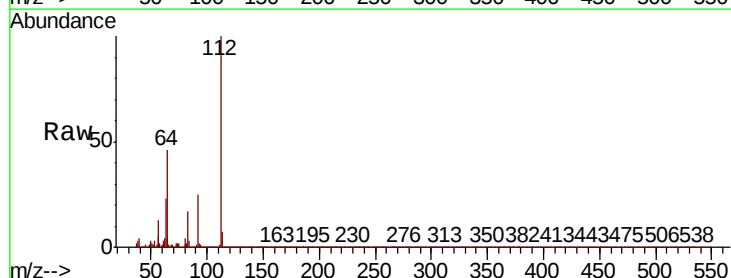
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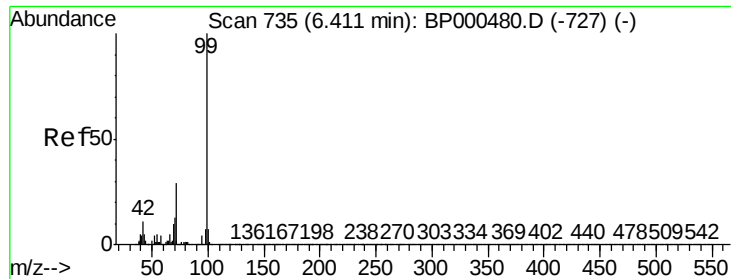


#5

2-Fluorophenol
Concen: 21.986 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.0	34.2	51.4
63	23.3	17.9	26.9





#7

Phenol-d6

Concen: 66.352 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000715.D

Acq: 14 Oct 2019 17:06

Instrument :

BNA_P

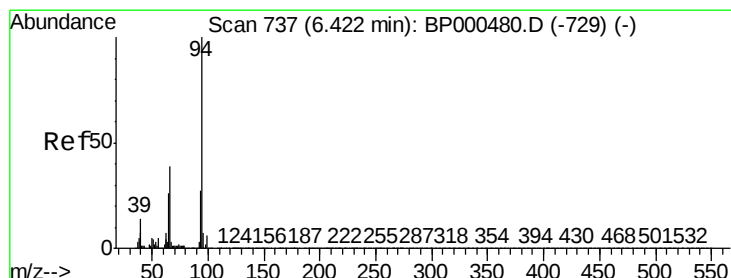
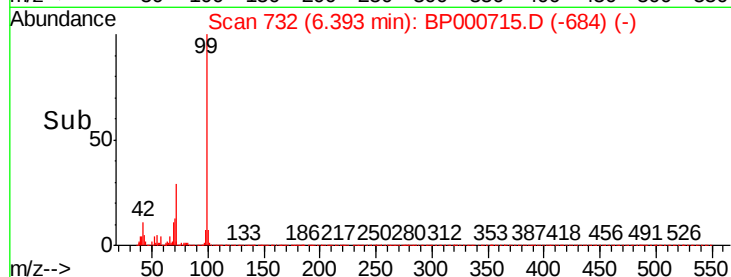
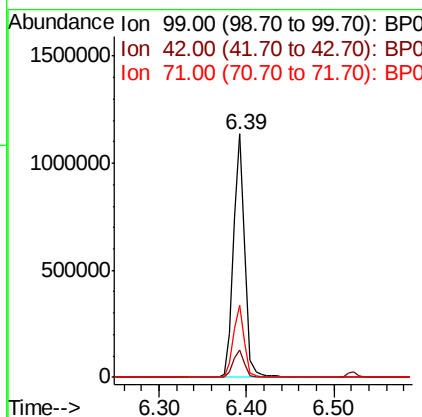
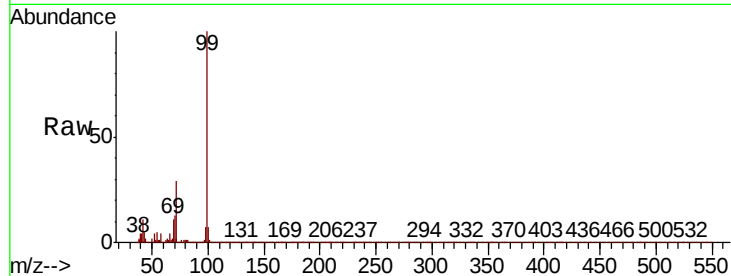
ClientSampleId :

20190880-COMPOSITE-LRE

Tot Ion:	99	Resp:	1010169
Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.6	12.8
71	29.4	23.0	34.4

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#10

Phenol

Concen: 4.465 ng

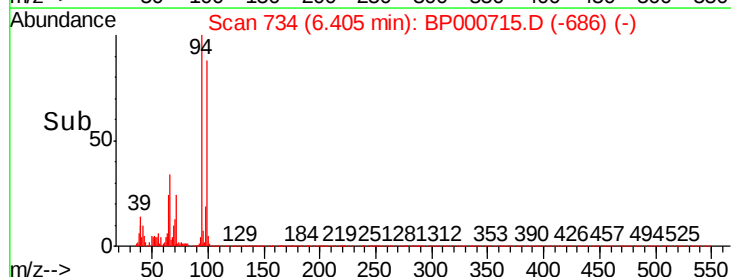
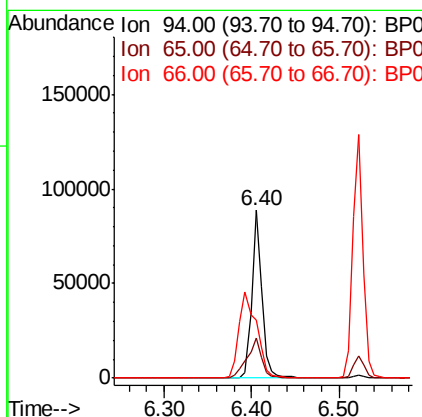
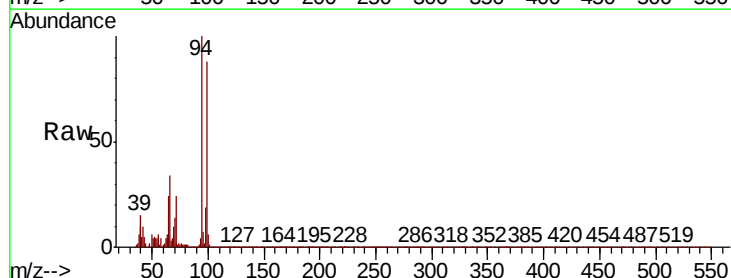
RT: 6.40 min Scan# 734

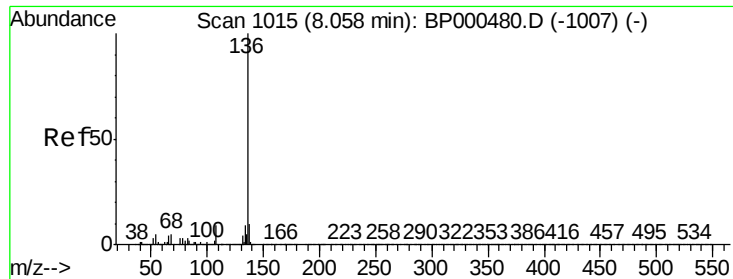
Delta R.T. -0.02 min

Lab File: BP000715.D

Acq: 14 Oct 2019 17:06

Tgt Ion:	94	Resp:	69592
Ion	Ratio	Lower	Upper
94	100		
65	23.6	5.9	45.9
66	34.4	18.8	58.8





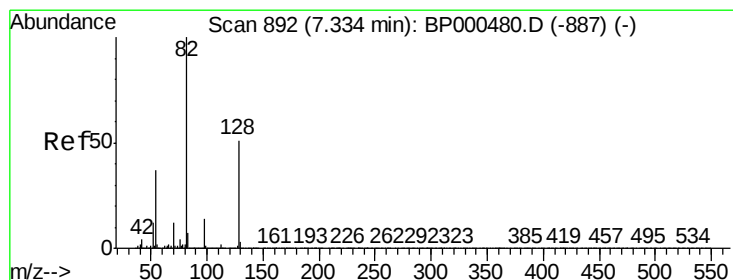
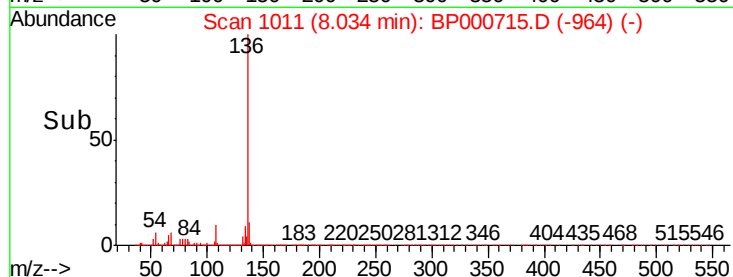
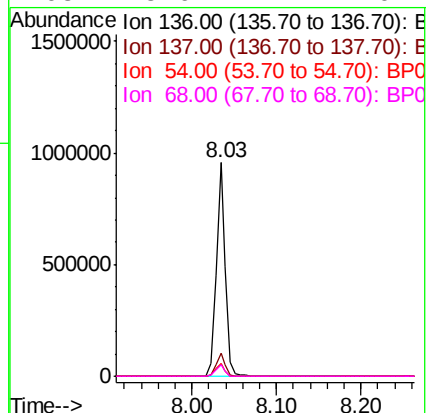
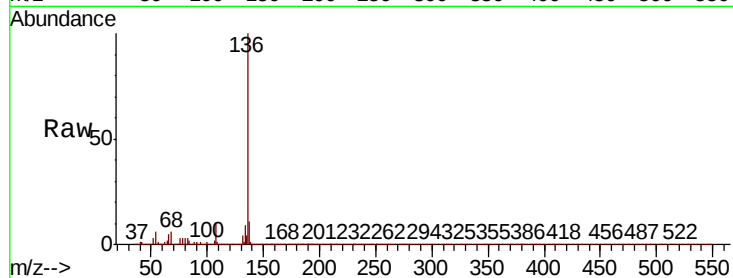
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.8	4.1	6.1
68	5.6	4.1	6.1

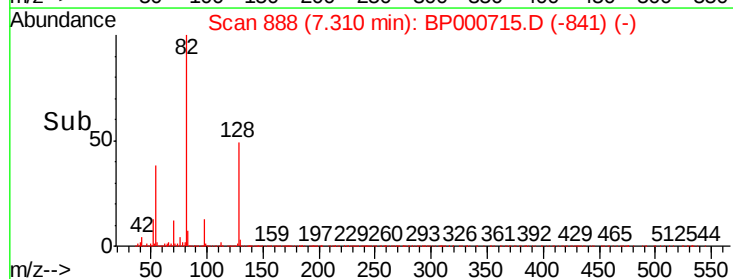
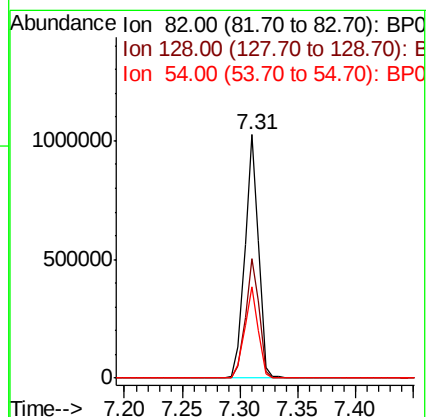
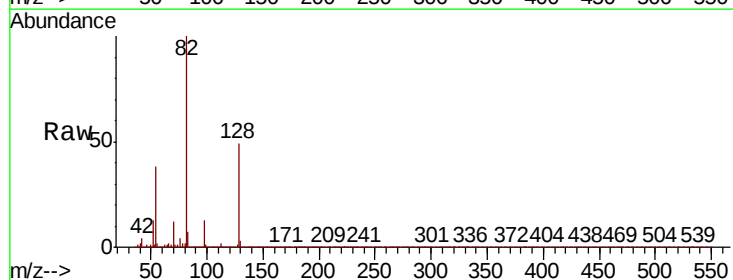
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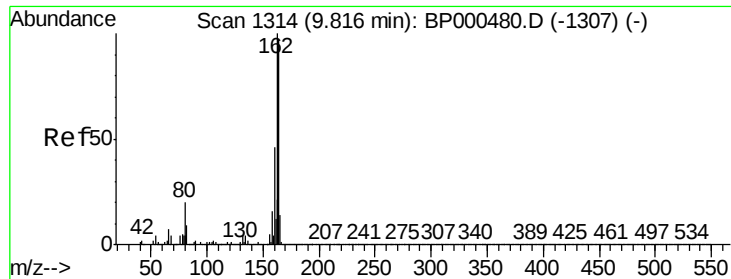
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#23
Nitrobenzene-d5
Concen: 70.386 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.2	40.9	61.3
54	37.7	29.4	44.2





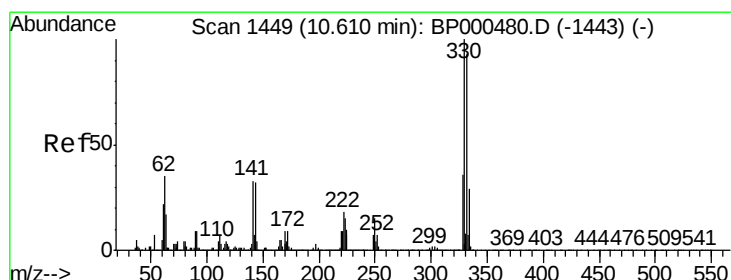
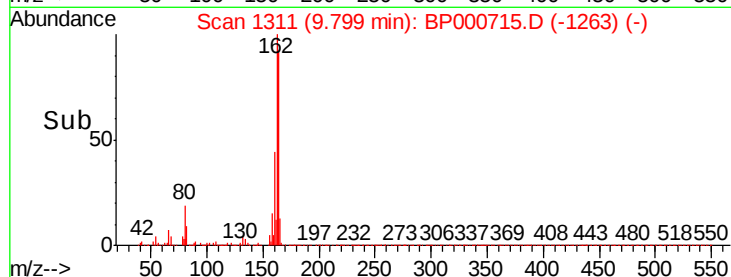
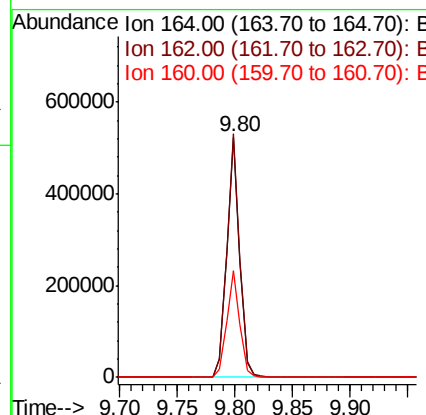
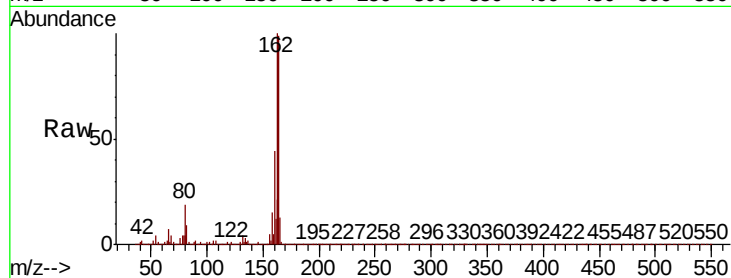
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	44.5	37.6	56.4

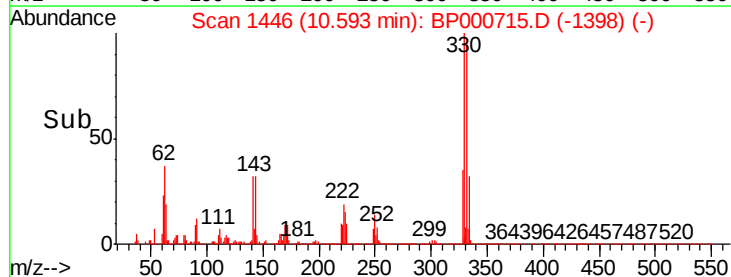
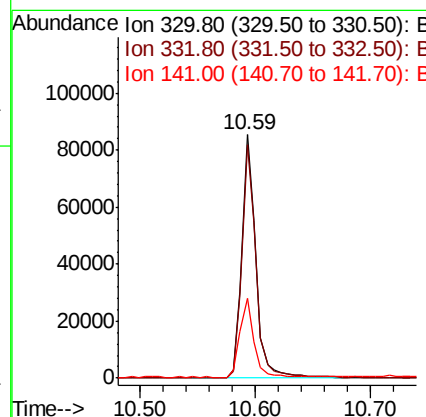
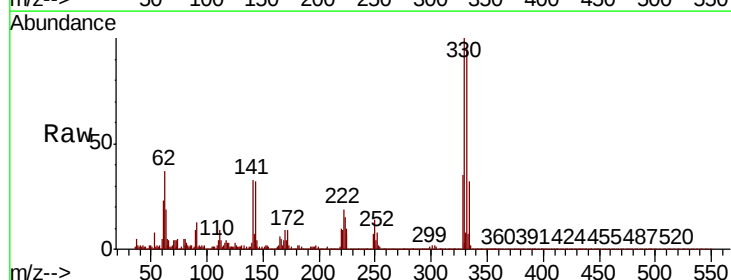
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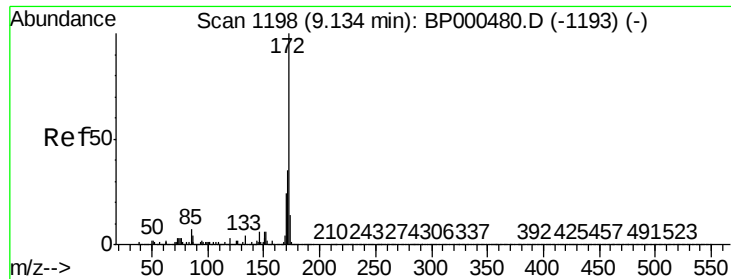
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#42
2,4,6-Tribromophenol
Concen: 16.812 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.1	115.7
141	32.4	26.0	39.0





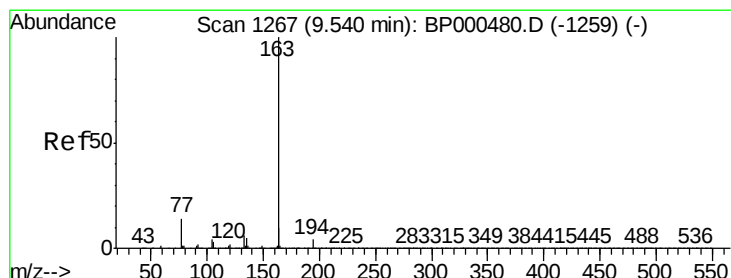
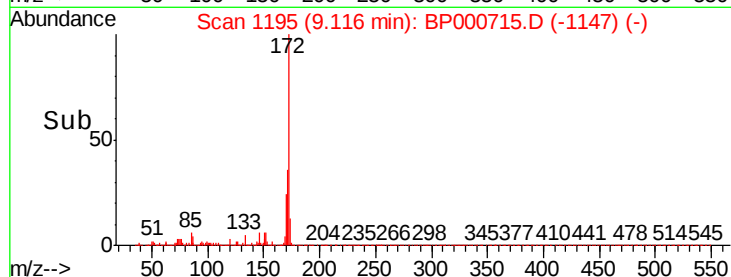
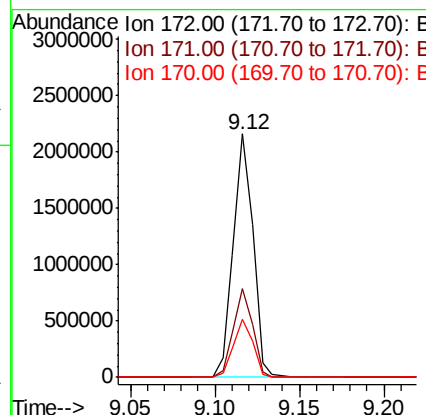
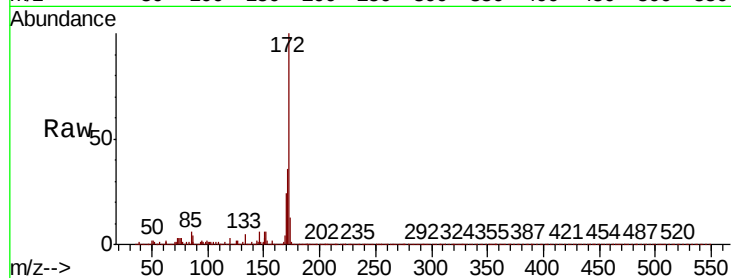
#45
2-Fluorobiphenyl
Concen: 70.662 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.4	42.6
170	24.0	19.1	28.7

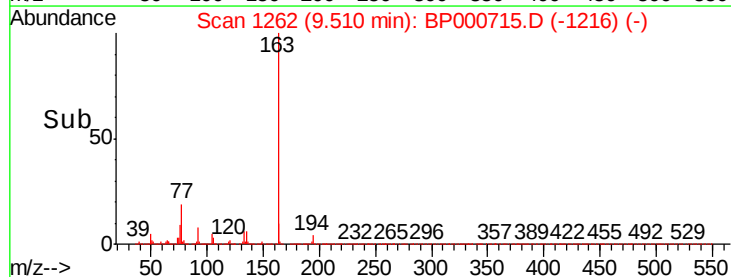
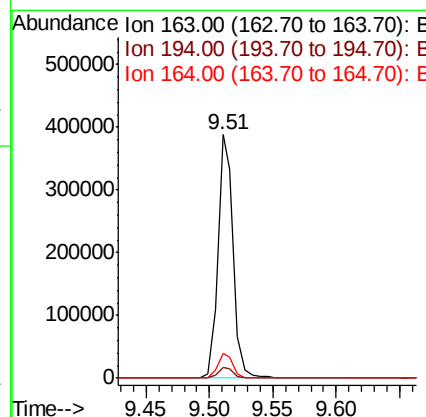
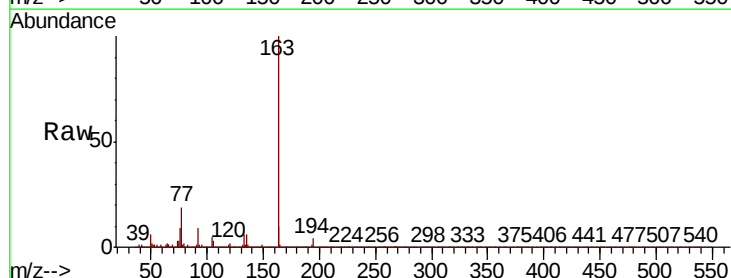
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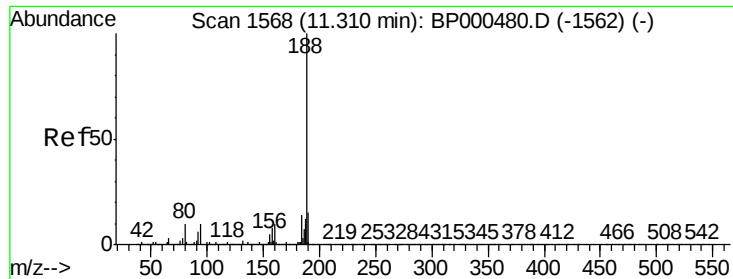
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#50
Dimethylphthalate
Concen: 11.766 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	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: BP000715.D

Acq: 14 Oct 2019 17:06

Instrument :

BNA_P

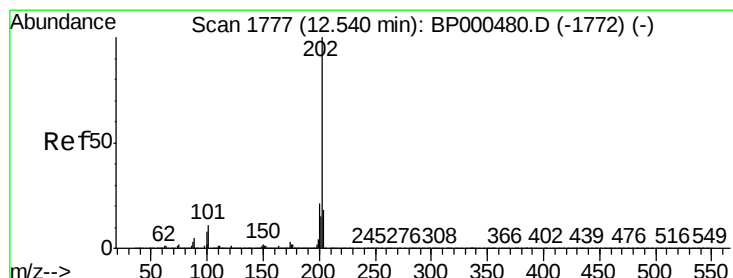
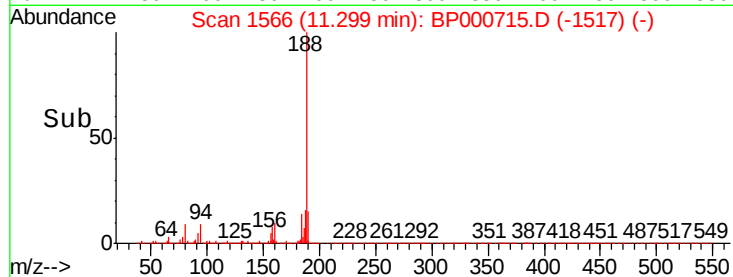
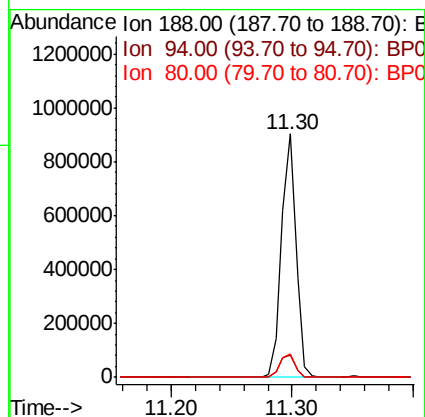
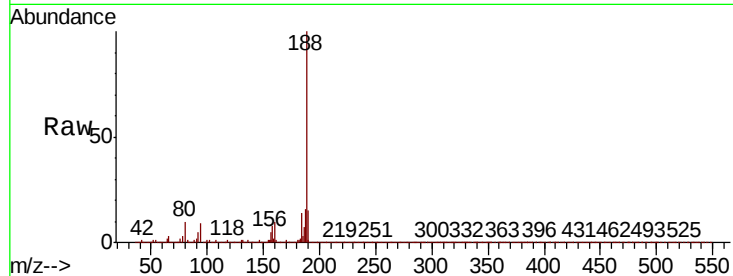
ClientSampleId :

20190880-COMPOSITE-LRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		738312		
94	9.3		8.2	12.2	
80	9.5		8.3	12.5	

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#75

Fluoranthene

Concen: 2.720 ng

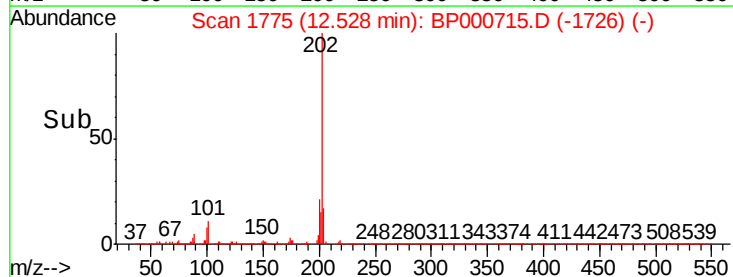
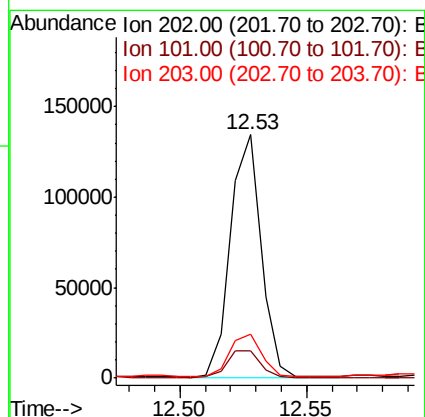
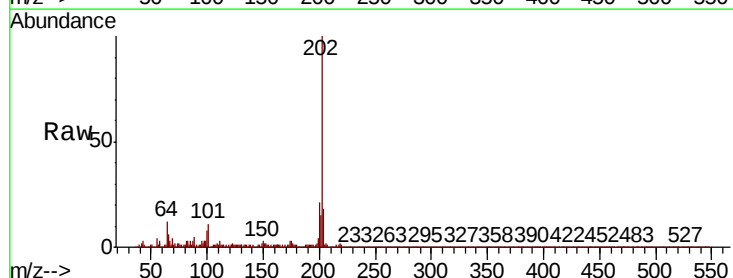
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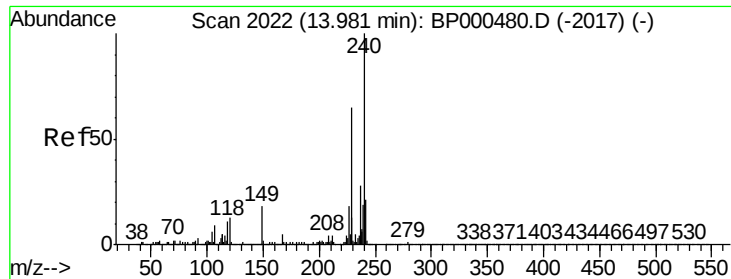
Delta R.T. -0.01 min

Lab File: BP000715.D

Acq: 14 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		113285		
101	11.2		0.0	31.3	
203	17.9		0.0	38.1	





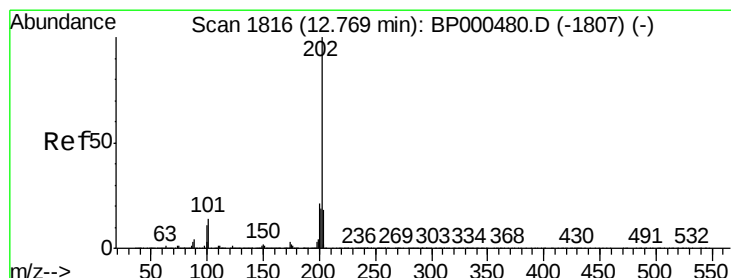
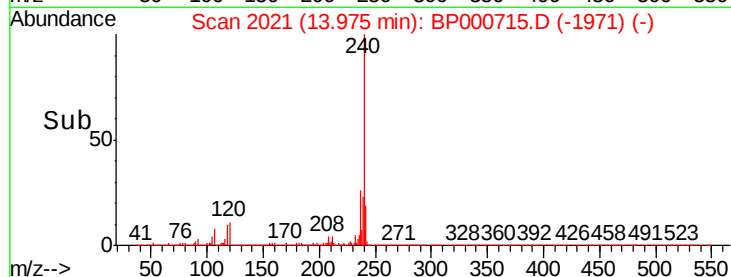
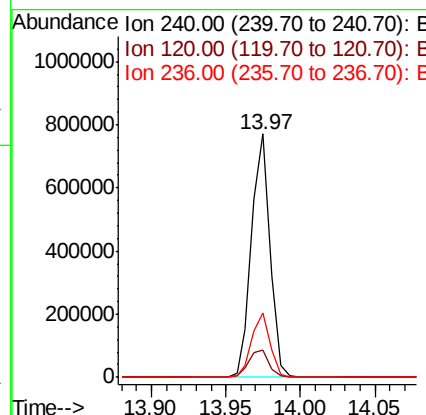
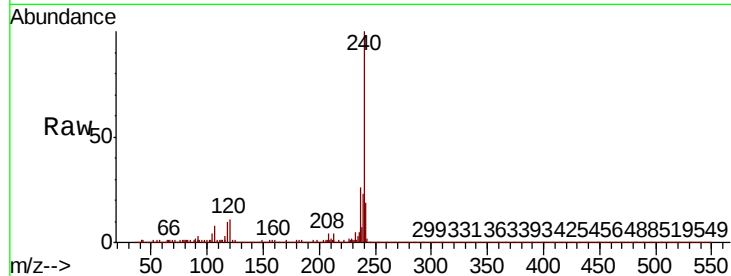
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Resp	Lower	Upper
240	100	660626		
120	11.2	10.1	15.1	
236	26.4	22.7	34.1	

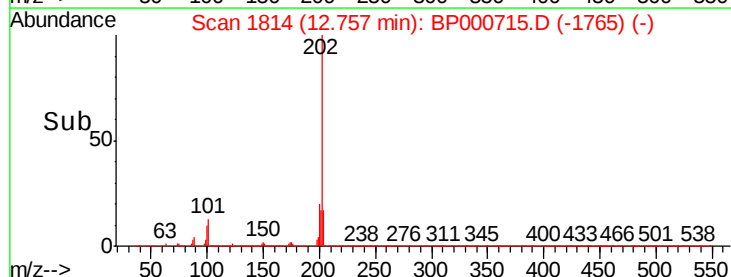
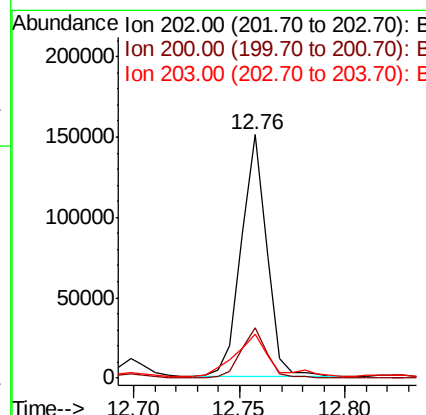
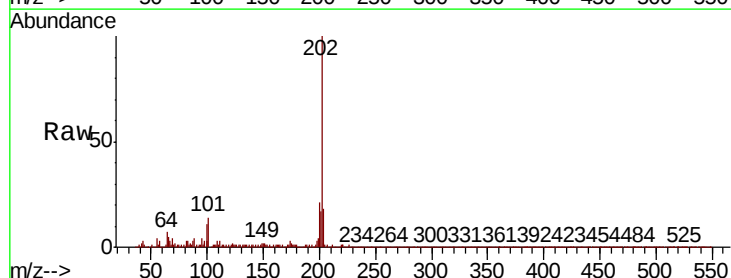
Manual Integrations
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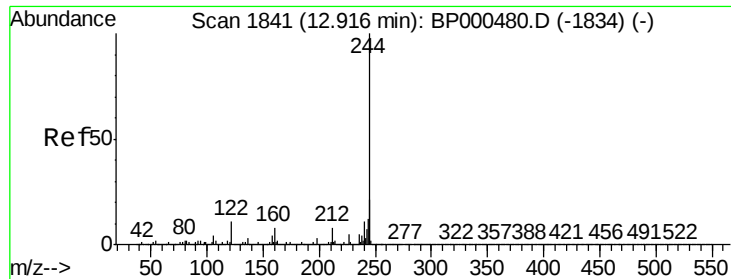
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#78
Pyrene
Concen: 2.763 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	125881		
200	20.6	17.1	25.7	
203	18.0	14.6	21.8	





#79

Terphenyl-d14

Concen: 62.052 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000715.D

Acq: 14 Oct 2019 17:06

Instrument :

BNA_P

ClientSampleId :

20190880-COMPOSITE-LRE

Tot Ion:244 Resp: 2024626

Ion Ratio Lower Upper

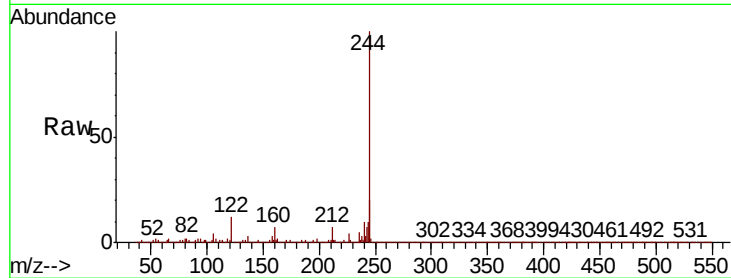
244 100

212 7.3 6.0 9.0

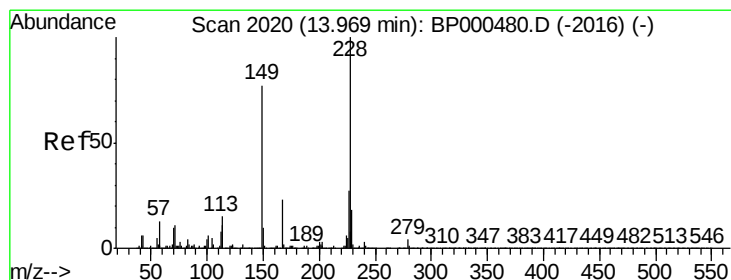
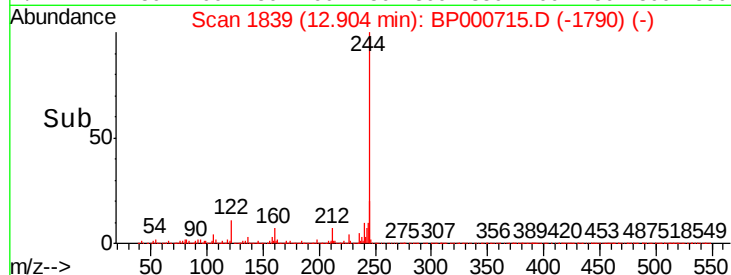
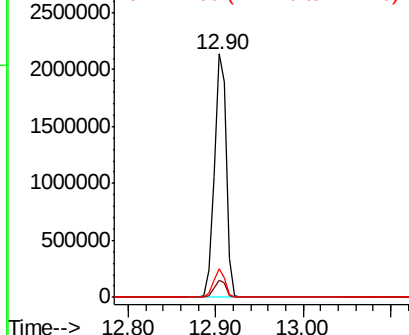
122 11.5 8.9 13.3

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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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.139 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000715.D

Acq: 14 Oct 2019 17:06

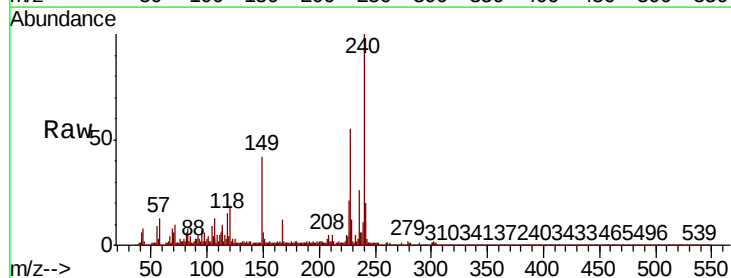
Tgt Ion:149 Resp: 53405

Ion Ratio Lower Upper

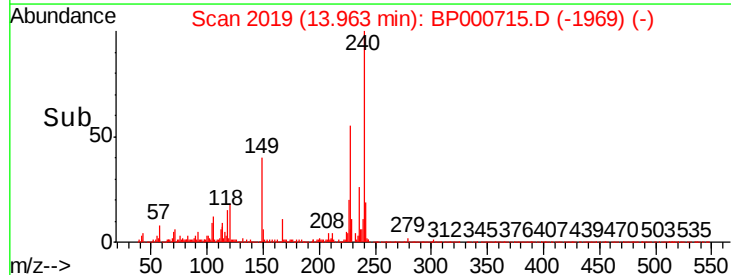
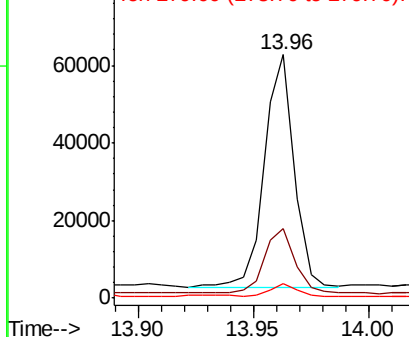
149 100

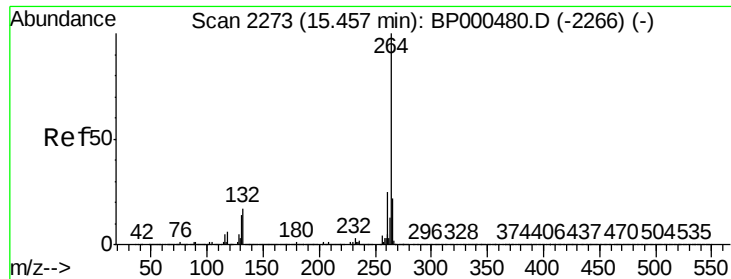
167 28.3 23.6 35.4

279 5.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





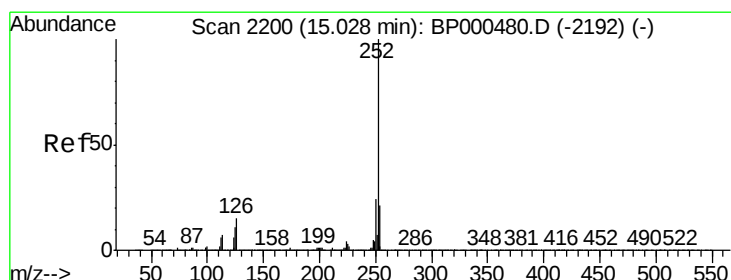
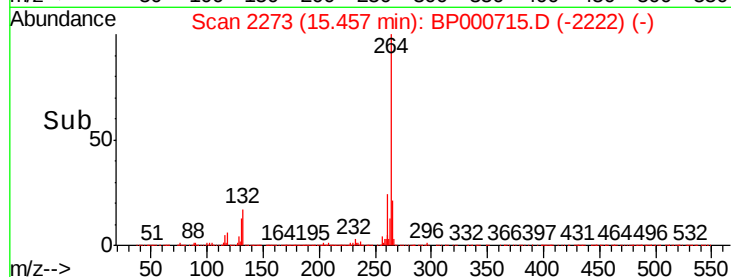
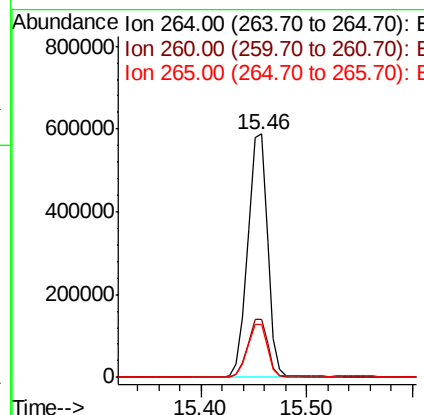
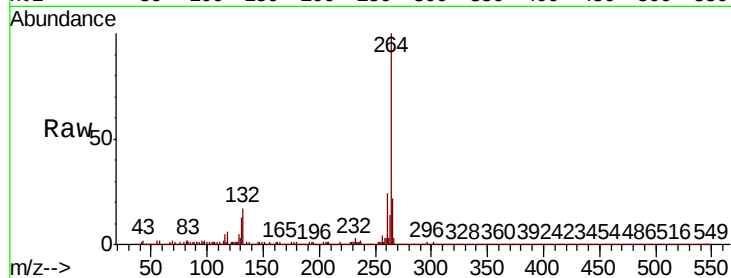
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.6	18.0	27.0

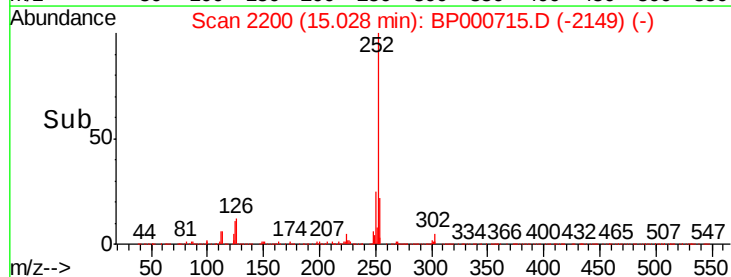
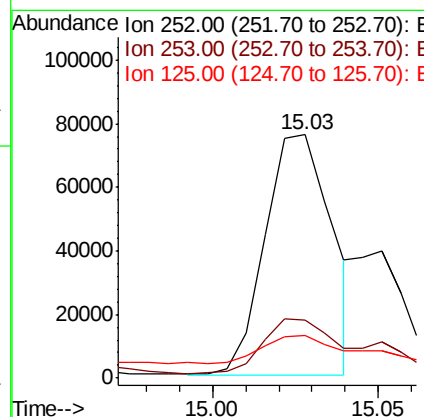
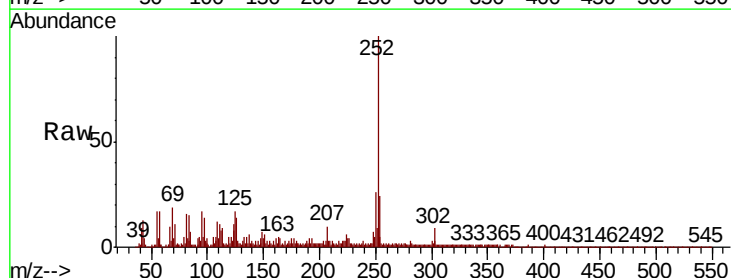
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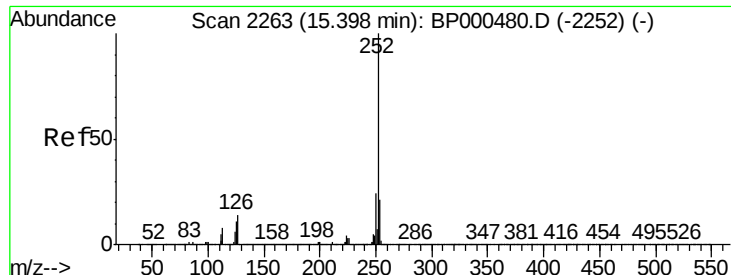
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#88
Benzo(b)fluoranthene
Concen: 2.449 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	17.3	8.9	13.3#





#90
Benzo(a)pyrene
Concen: 2.179 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000715.D
Acq: 14 Oct 2019 17:06

Instrument :
BNA_P
ClientSampleId :
20190880-COMPOSITE-LRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	16.6	8.4	12.6

Manual Integrations
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