

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000523.D
 Acq On : 04 Oct 2019 21:37
 Operator : JU
 Sample : K5140-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-05-100219

Manual Integrations
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mohammad
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Quant Time: Oct 07 12:05:18 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	6.77	152	207672	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	584310	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	380383	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	726347	20.00	ng	0.00
76) Chrysene-d12	13.98	240	662762	20.00	ng	0.00
87) Perylene-d12	15.47	264	673107	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	994808	77.00	ng	0.00
7) Phenol-d6	6.41	99	1223830	78.61	ng	0.00
23) Nitrobenzene-d5	7.33	82	672367	70.28	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	350650	86.51	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1349129	57.39	ng	0.00
79) Terphenyl-d14	12.92	244	1750447	53.48	ng	0.00
Target Compounds						
10) Phenol	6.42	94	41230	2.587	ng	97
31) Naphthalene	8.07	128	157338	5.766	ng	# 83
37) 2-Methylnaphthalene	8.77	142	177557	9.692	ng	96
38) 1-Methylnaphthalene	8.87	142	108776	6.284	ng	# 95
50) Dimethylphthalate	9.53	163	170136	6.437	ng	# 93
75) Fluoranthene	12.53	202	141381	3.451	ng	100
78) Pyrene	12.76	202	212986	4.659	ng	98
81) Benzo(a)anthracene	13.97	228	106590	2.636	ng	# 81
83) Chrysene	14.00	228	137765	3.471	ng	# 84
88) Benzo(b)fluoranthene	15.03	252	135211m	3.541	ng	
90) Benzo(a)pyrene	15.40	252	100446	2.822	ng	# 71

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

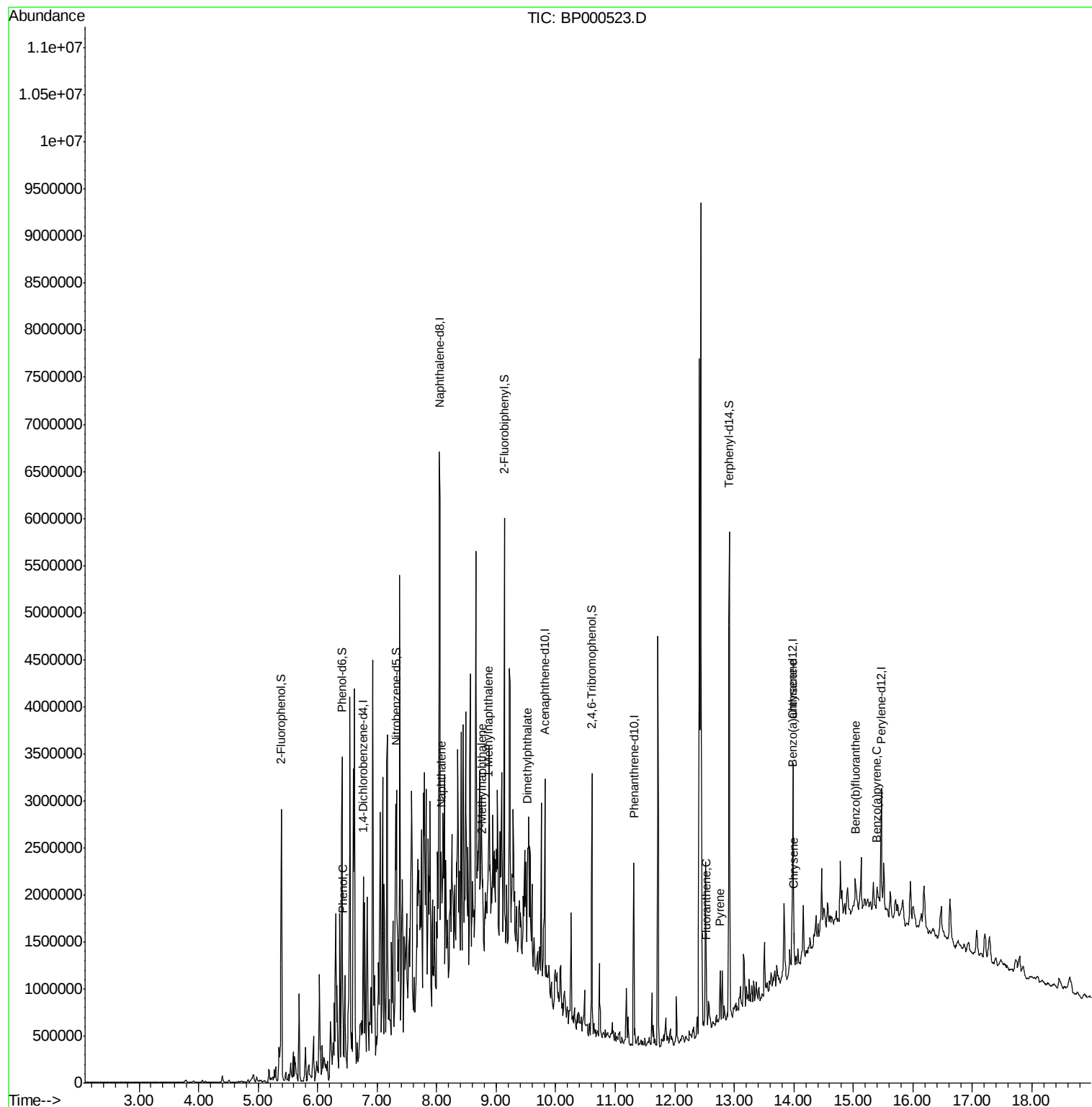
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000523.D
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Operator : JU
Sample : K5140-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

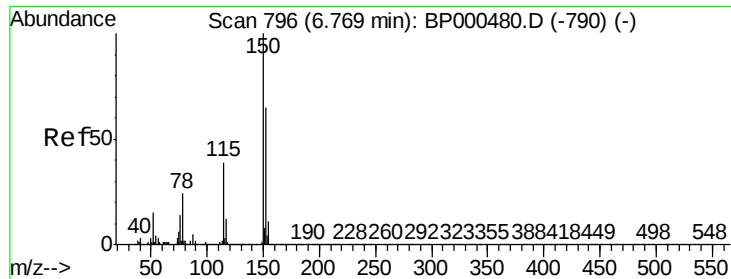
Instrument :
BNA_P
ClientSampleId :
HR-05-100219

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
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#1

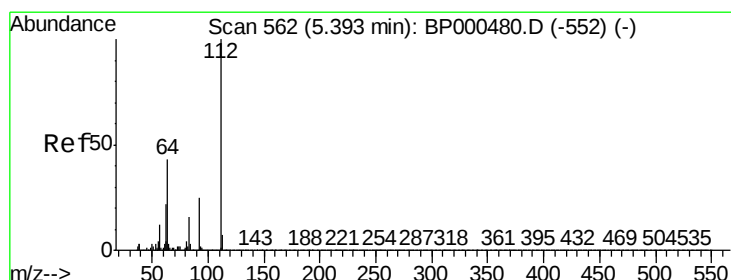
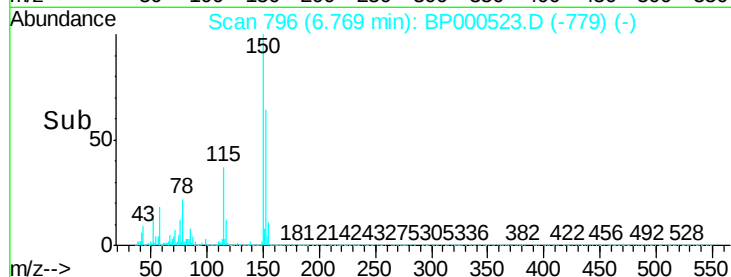
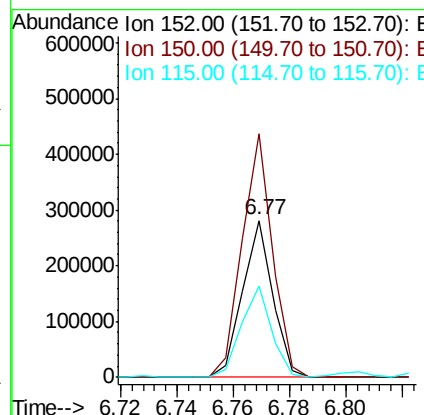
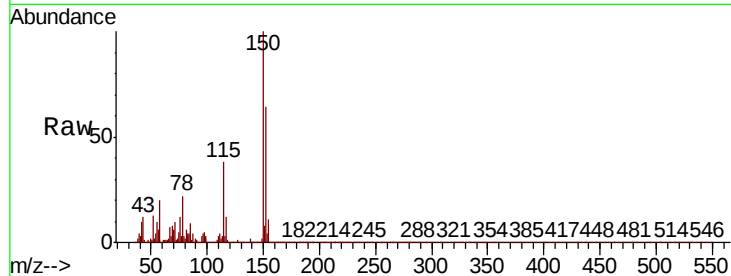
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	58.3	48.7	73.1

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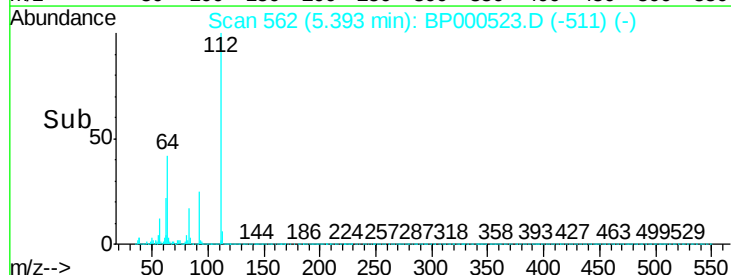
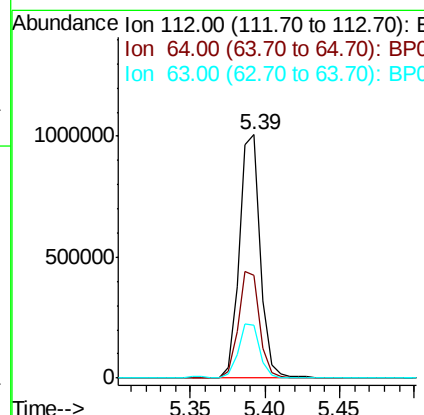
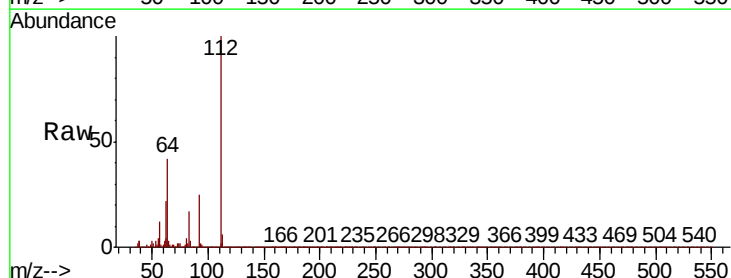
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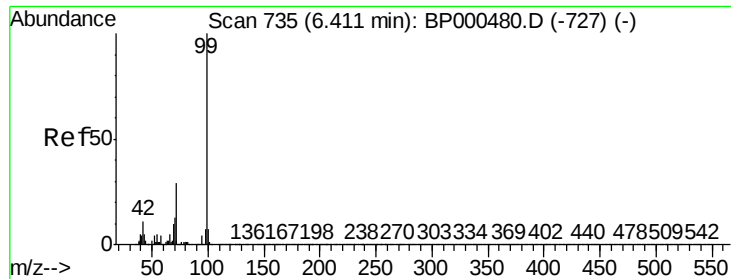


#5

2-Fluorophenol
Concen: 77.001 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	34.2	51.4
63	21.7	17.9	26.9





#7

Phenol-d6

Concen: 78.610 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Instrument :

BNA_P

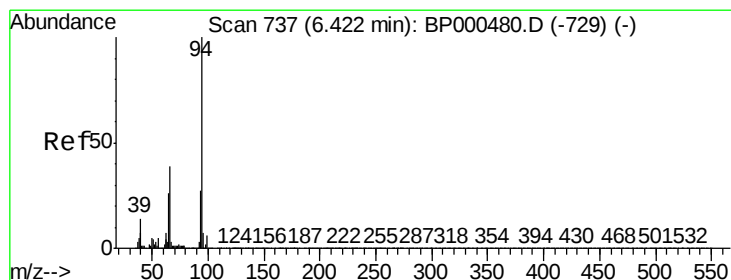
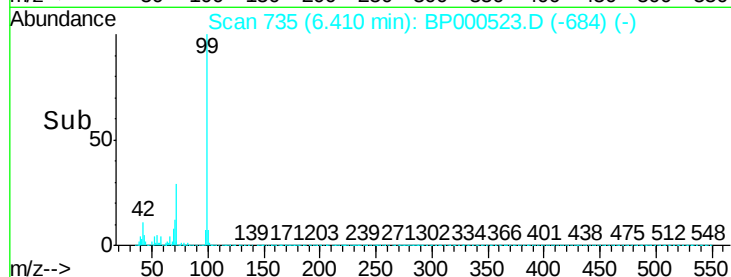
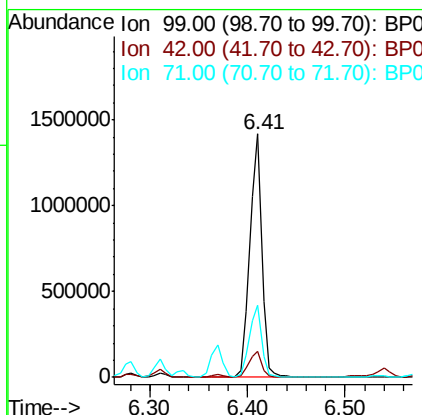
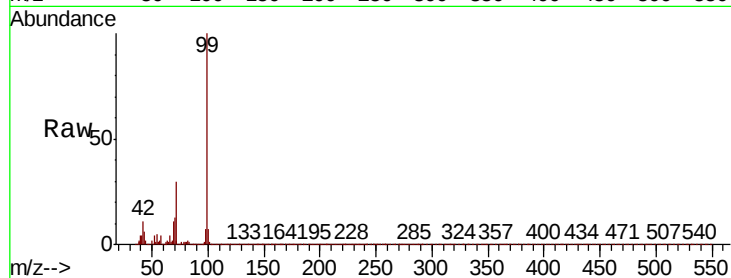
ClientSampleId :

HR-05-100219

Tot Ion:	99	Resp:	1223830
Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.6	12.8
71	29.7	23.0	34.4

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#10

Phenol

Concen: 2.587 ng

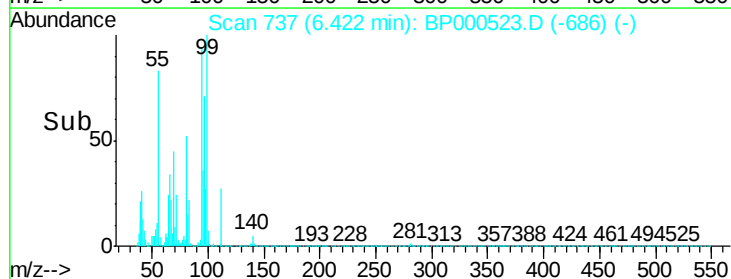
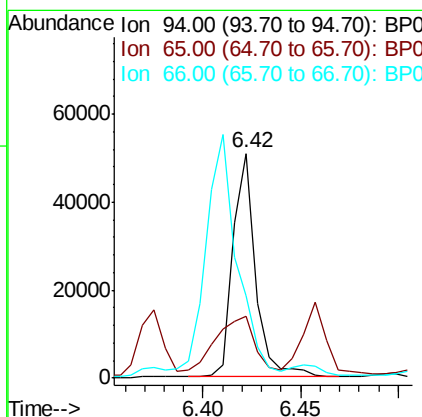
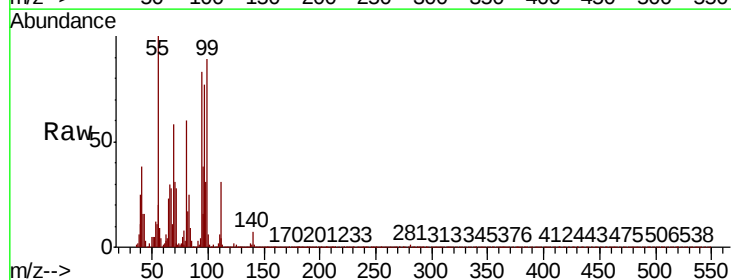
RT: 6.42 min Scan# 737

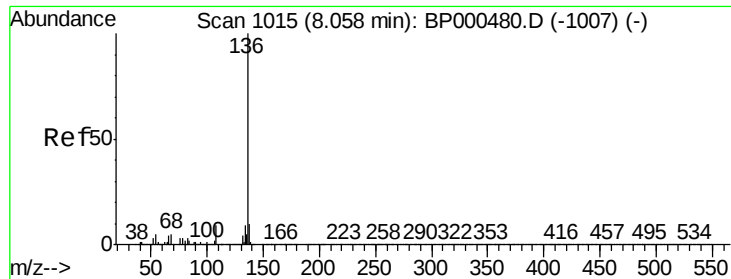
Delta R.T. -0.00 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Tgt Ion:	94	Resp:	41230
Ion	Ratio	Lower	Upper
94	100		
65	27.4	5.9	45.9
66	36.8	18.8	58.8





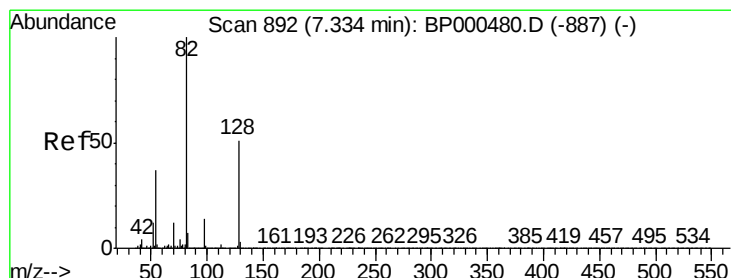
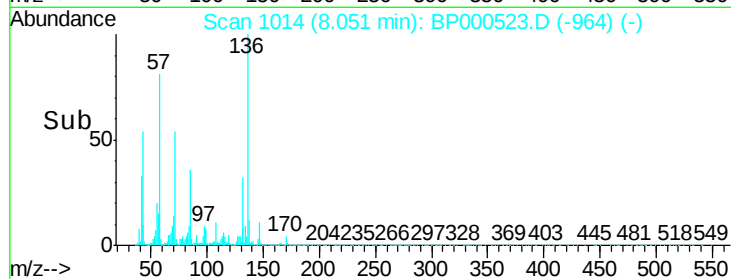
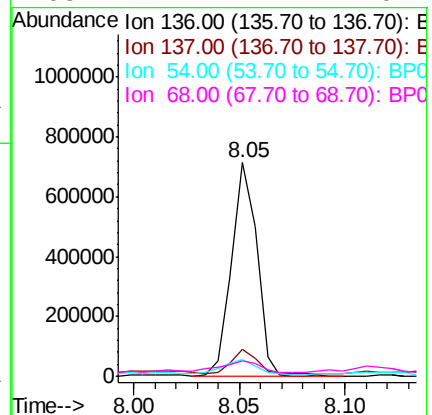
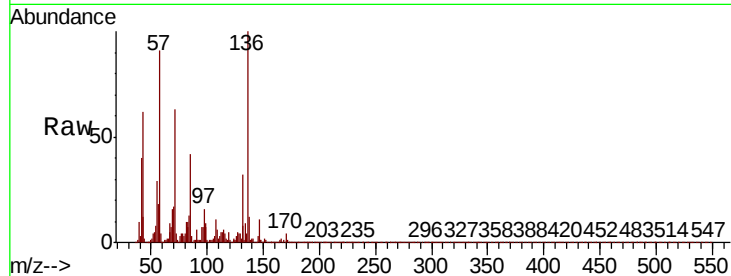
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampled :
HR-05-100219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		584310		
137	12.3	8.2	12.4		
54	7.8	4.1	6.1#		
68	7.2	4.1	6.1#		

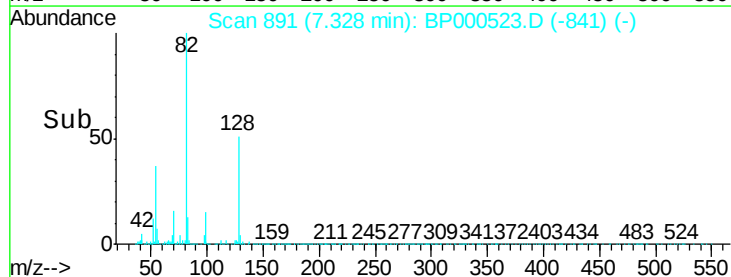
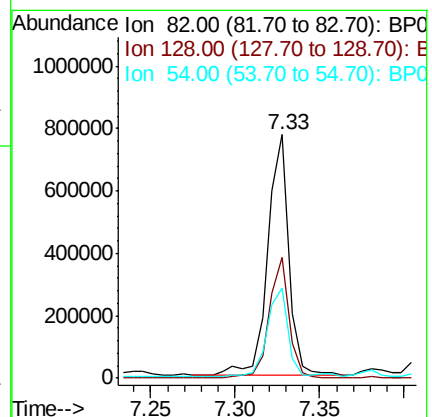
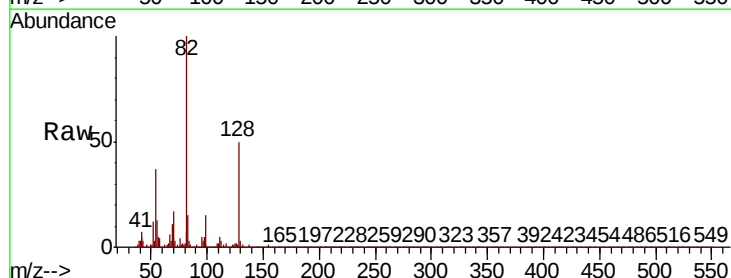
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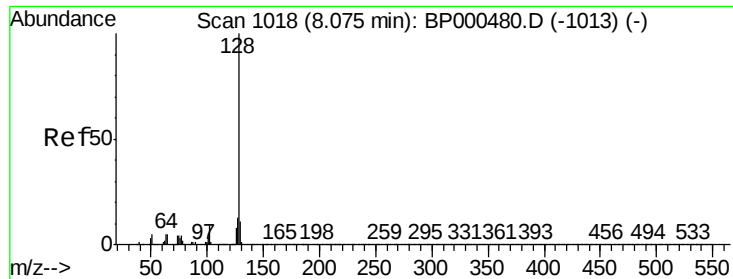
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#23
Nitrobenzene-d5
Concen: 70.280 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		672367		
128	49.8	40.9	61.3		
54	37.0	29.4	44.2		





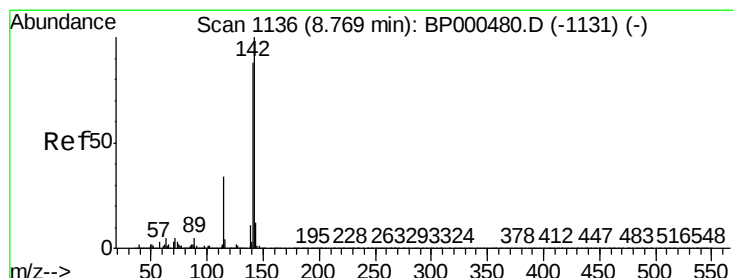
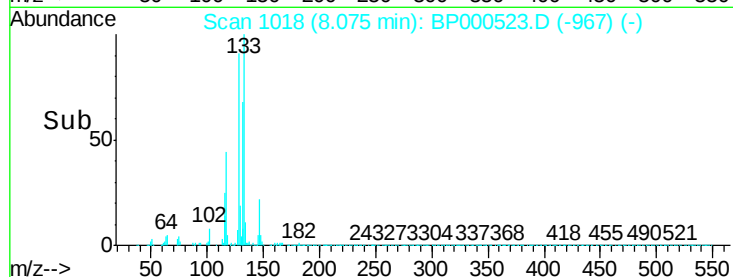
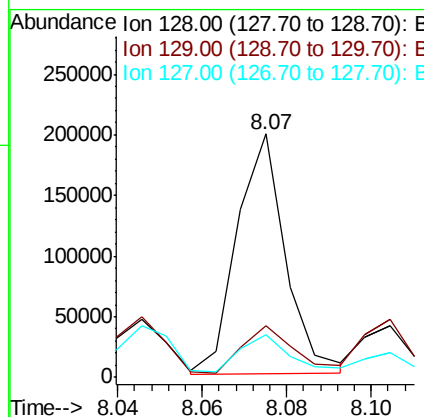
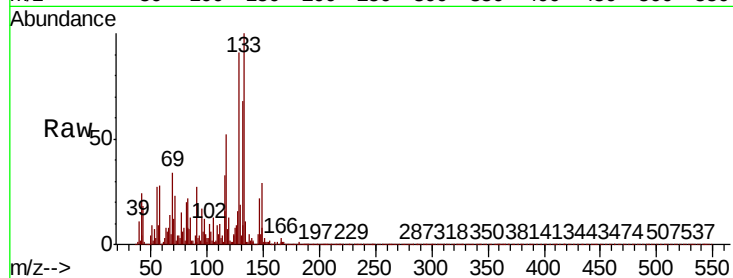
#31
Naphthalene
Concen: 5.766 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.0	13.6#
127	17.4	10.5	15.7#

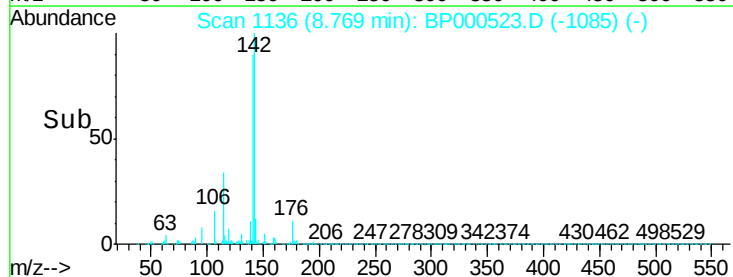
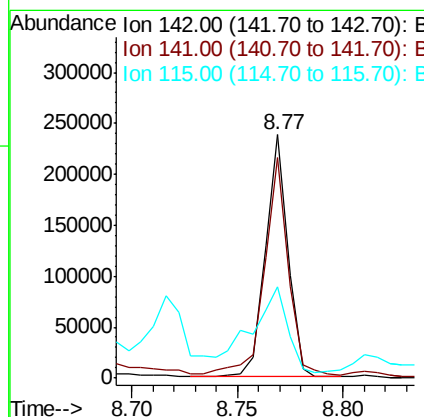
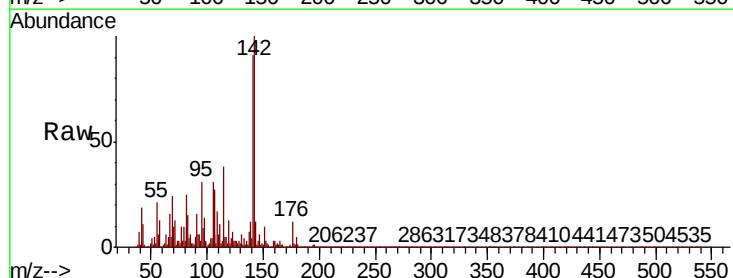
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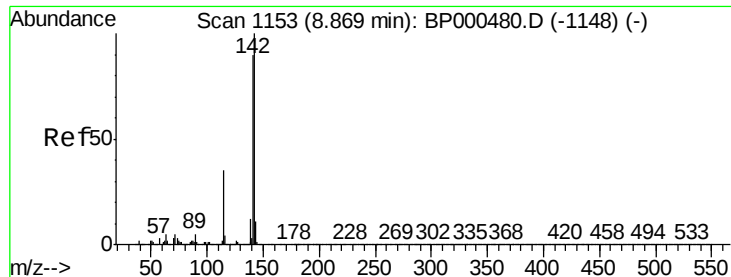
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#37
2-Methylnaphthalene
Concen: 9.692 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.6	106.0
115	37.7	27.4	41.0





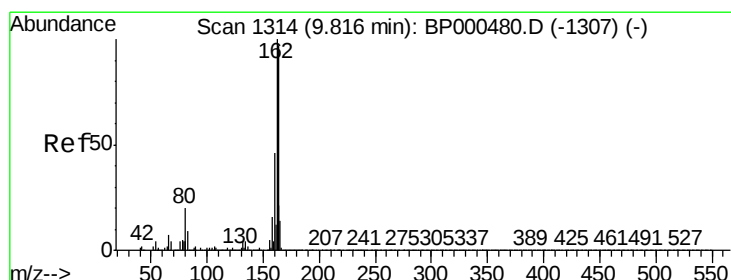
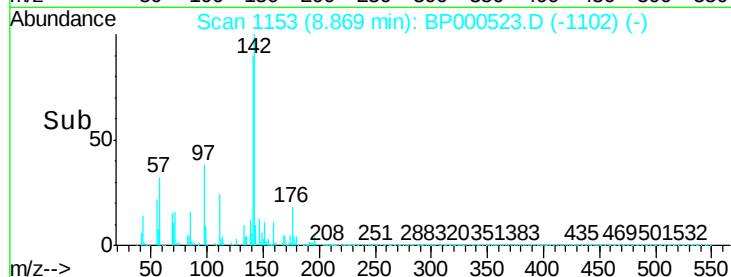
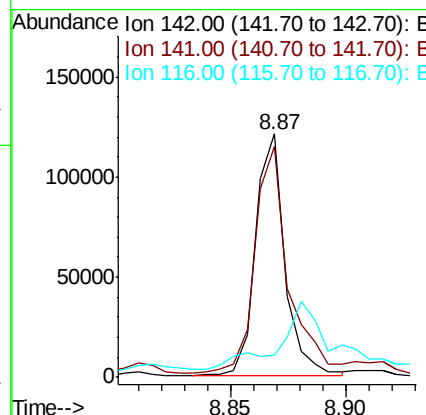
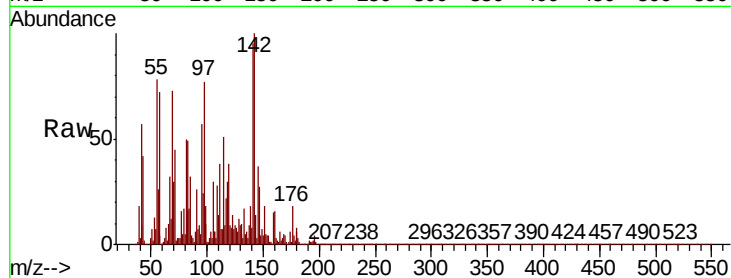
#38
1-Methylnaphthalene
Concen: 6.284 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.9	107.9
116	8.9	3.0	4.4

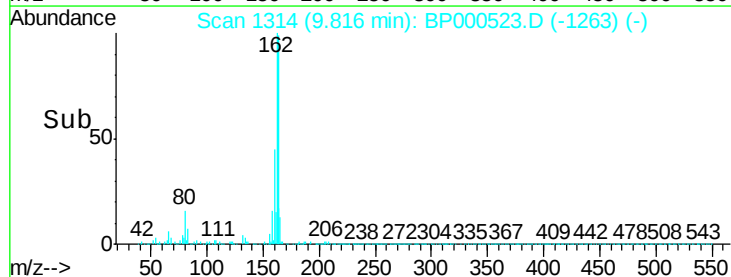
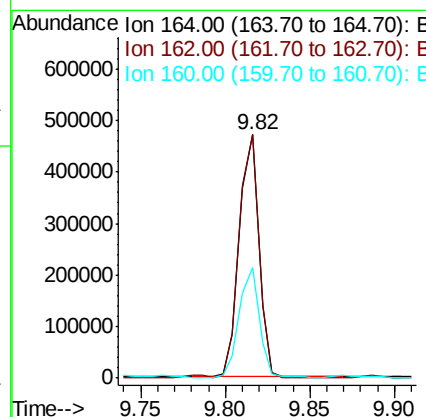
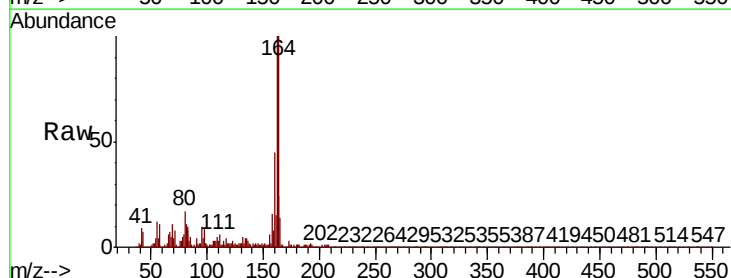
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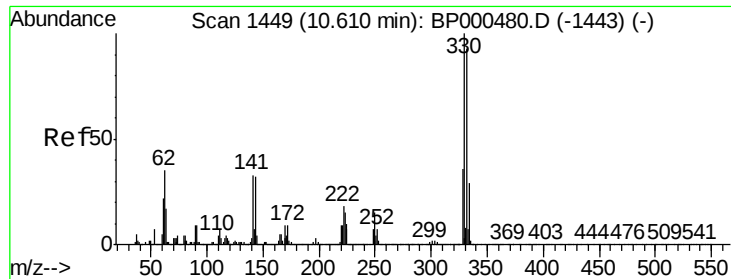
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.2	123.2
160	45.3	37.6	56.4





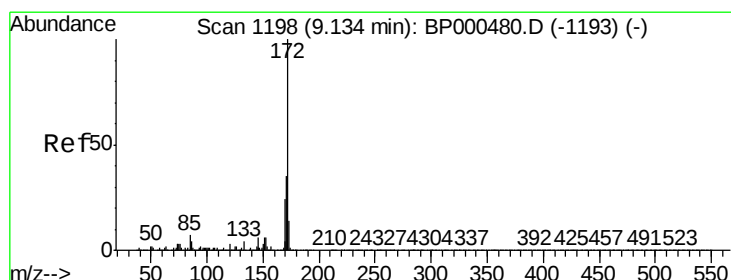
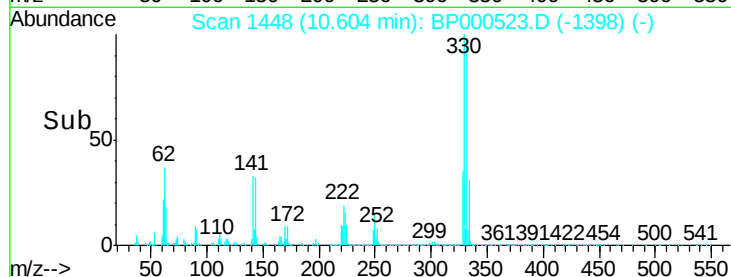
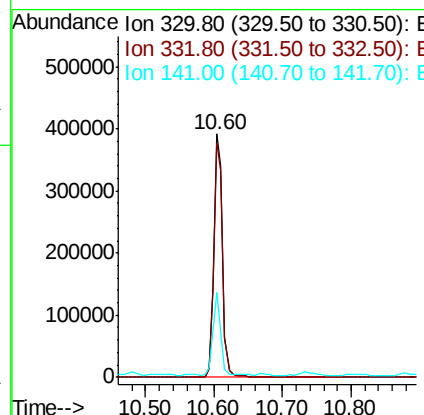
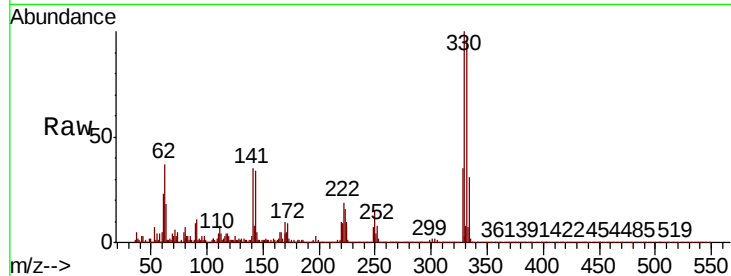
#42
2,4,6-Tribromophenol
Concen: 86.507 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Resp	Lower	Upper
330	100	350650		
332	96.0	77.1	115.7	
141	30.2	26.0	39.0	

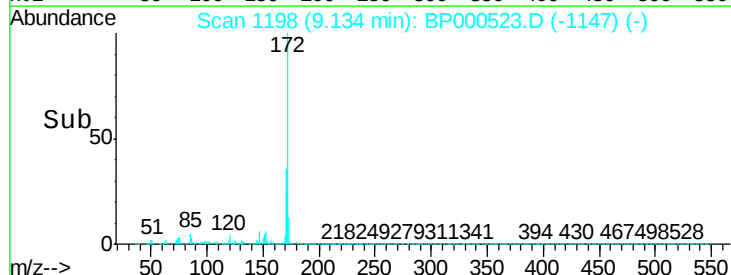
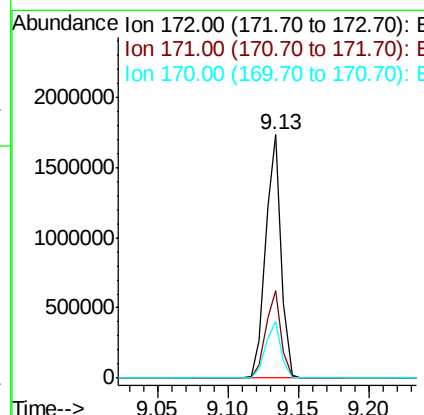
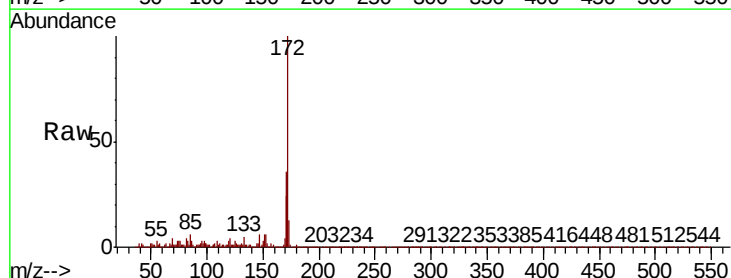
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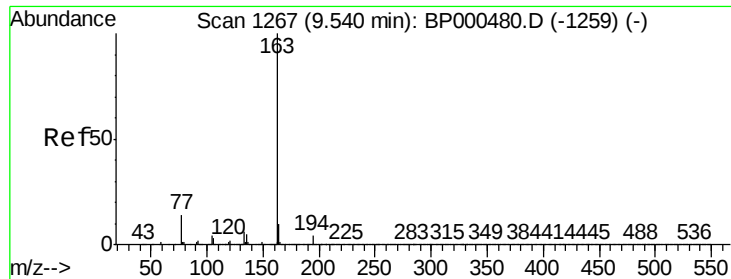
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#45
2-Fluorobiphenyl
Concen: 57.386 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1349129		
171	35.8	28.4	42.6	
170	23.5	19.1	28.7	





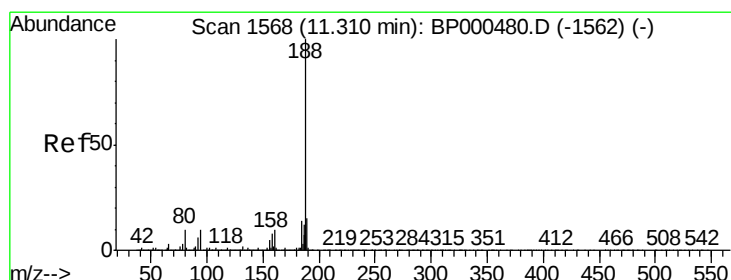
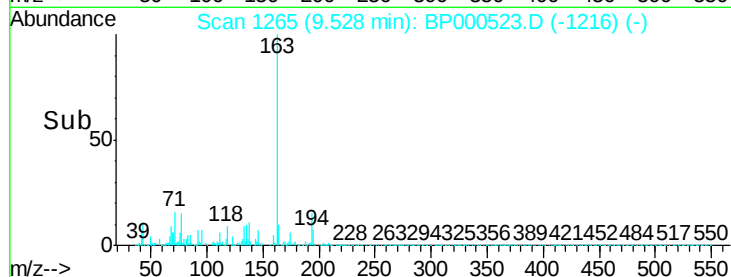
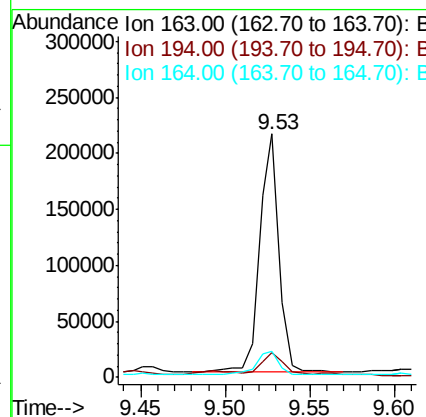
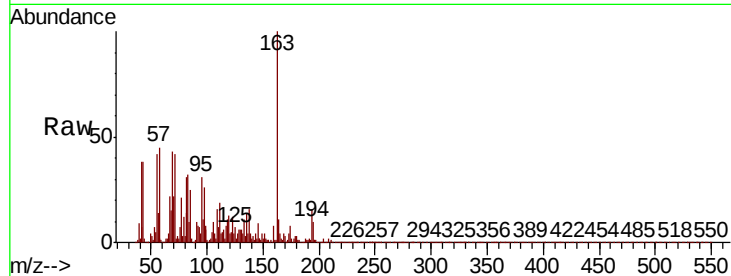
#50
Dimethylphthalate
Concen: 6.437 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Resp	Lower	Upper
163	100	170136		
194	10.0	3.4	5.2#	
164	10.8	8.0	12.0	

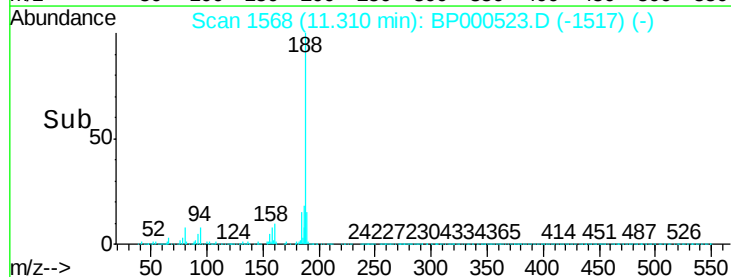
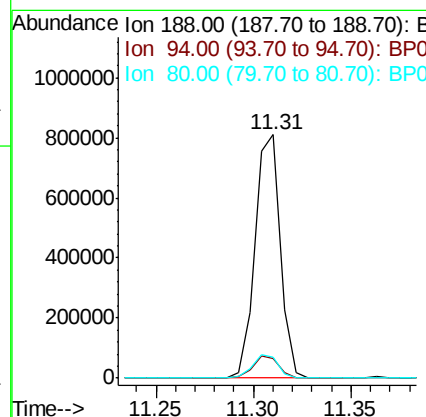
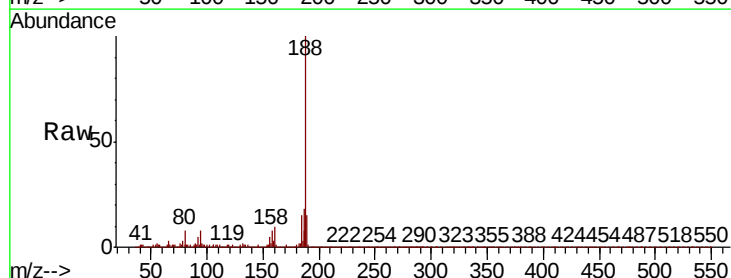
Manual Integrations
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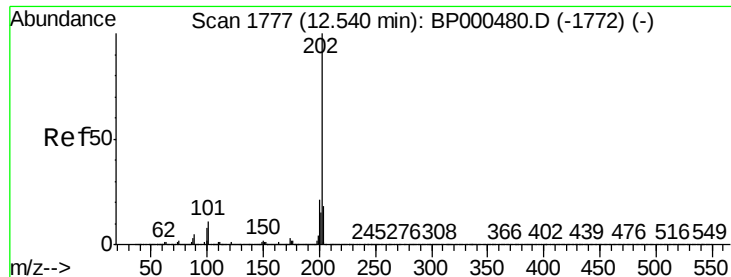
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	726347		
94	8.2	8.2	12.2	
80	8.5	8.3	12.5	





#75

Fluoranthene

Concen: 3.451 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Instrument :

BNA_P

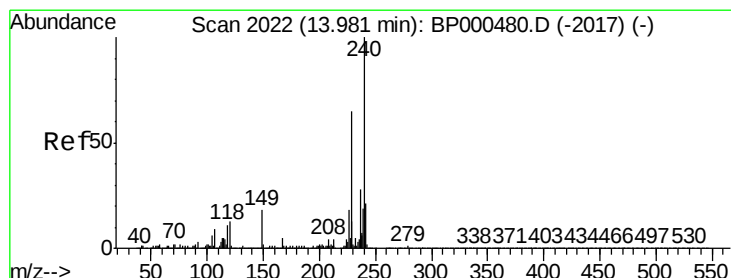
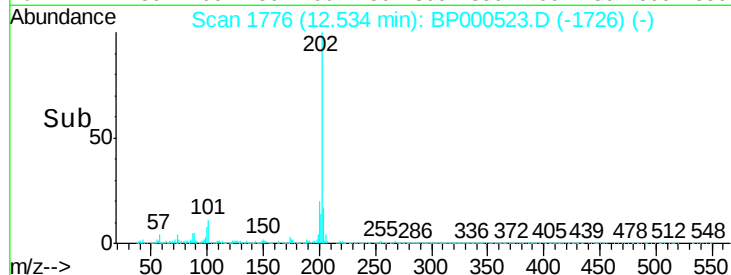
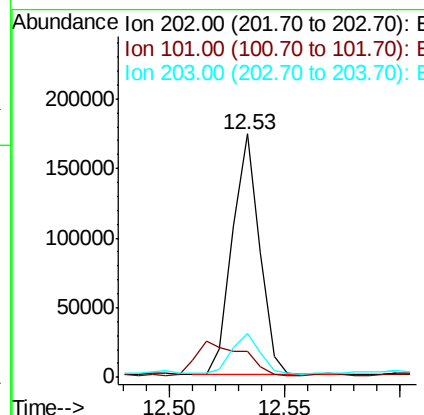
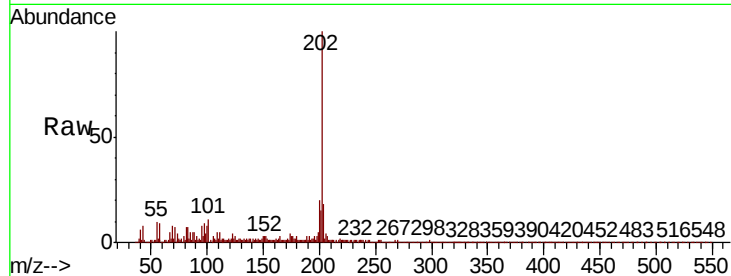
ClientSampleId :

HR-05-100219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.9	0.0	31.3		
203	18.0	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

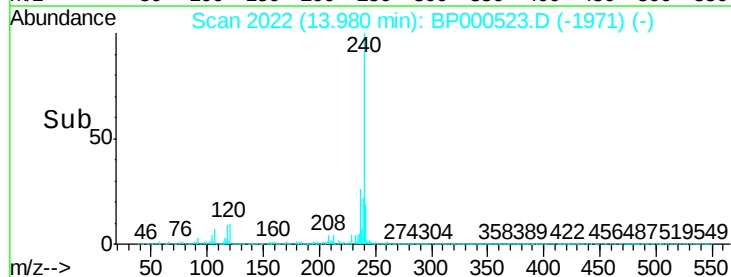
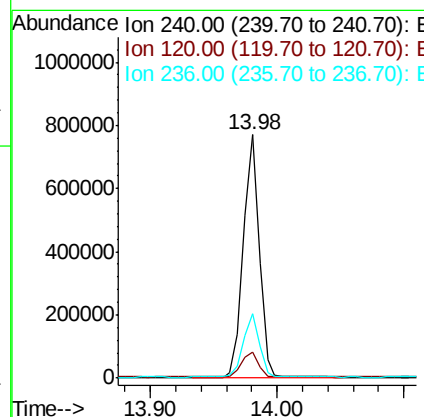
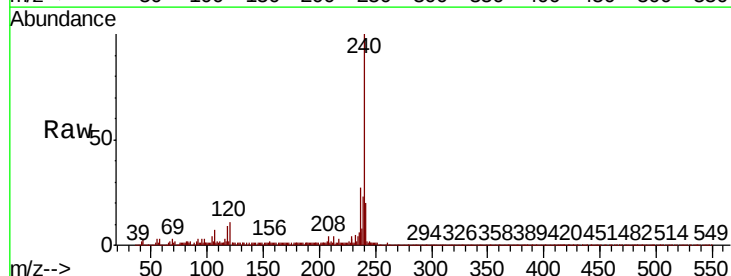
RT: 13.98 min Scan# 2022

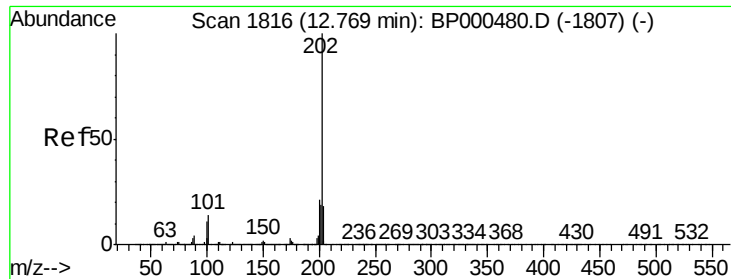
Delta R.T. -0.00 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.6	10.1	15.1		
236	26.7	22.7	34.1		





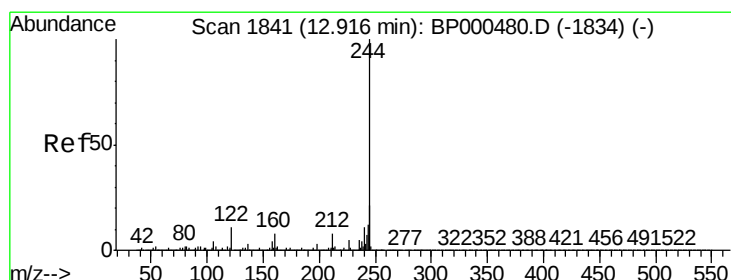
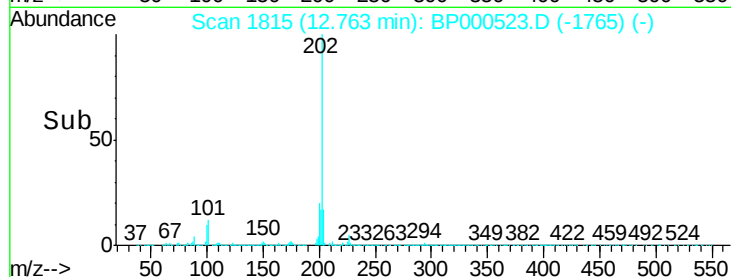
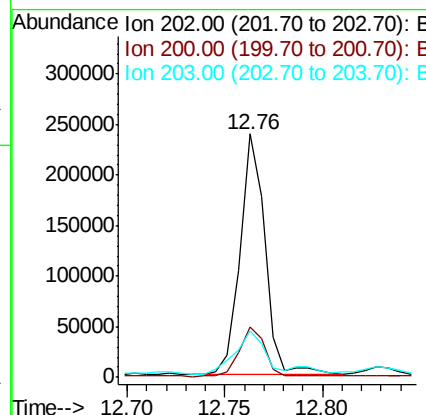
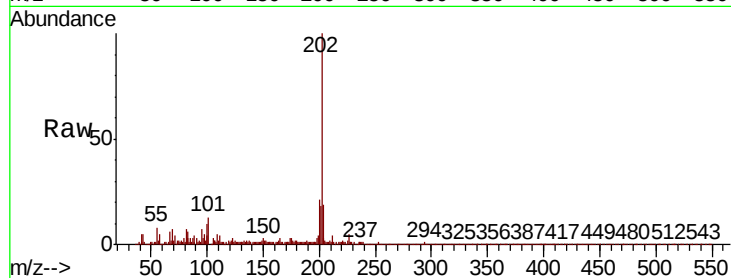
#78
Pvrene
Concen: 4.659 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Instrument :
BNA_P
ClientSampleId :
HR-05-100219

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.1	25.7
203	18.9	14.6	21.8

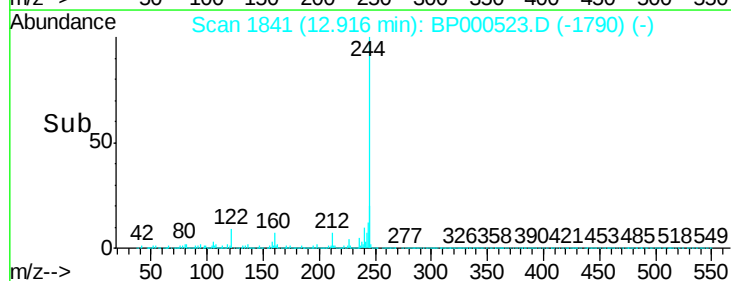
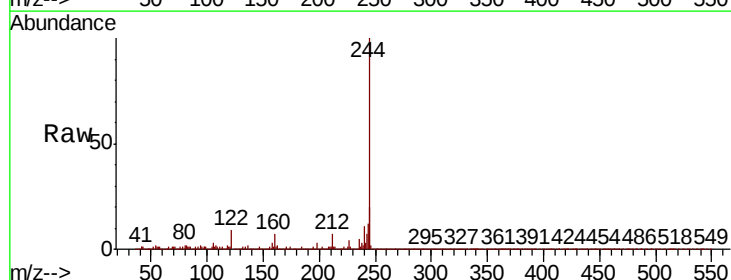
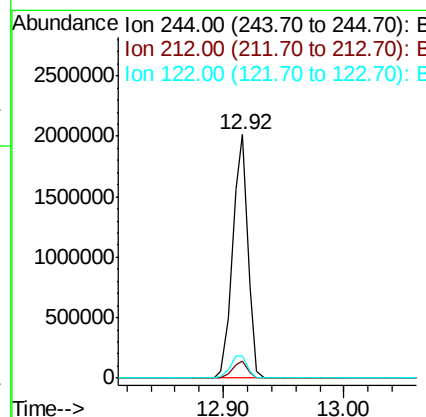
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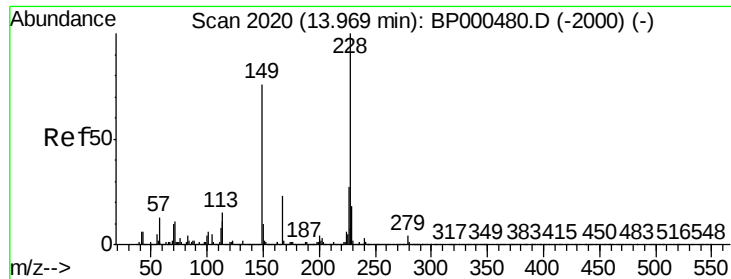
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#79
Terphenyl-d14
Concen: 53.476 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000523.D
Acq: 04 Oct 2019 21:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.4	8.9	13.3





#81

Benzo(a)anthracene

Concen: 2.636 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Instrument :

BNA_P

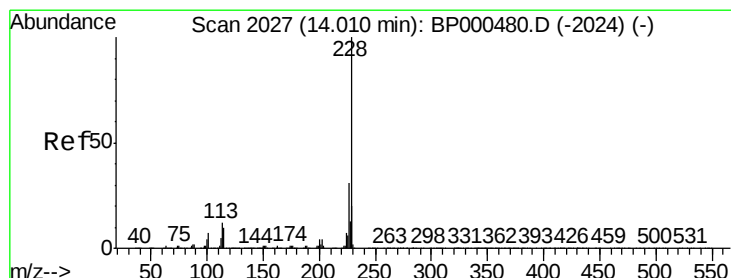
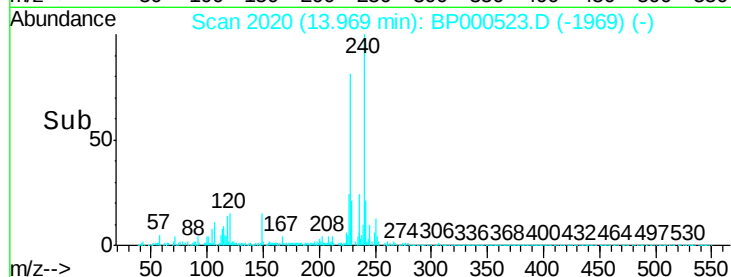
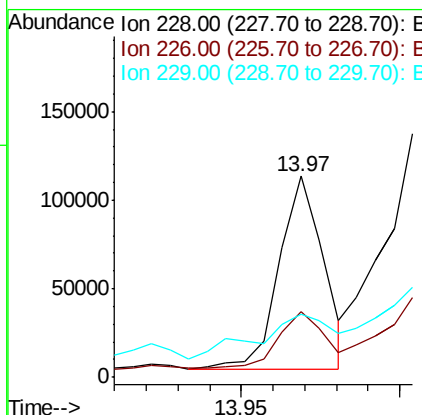
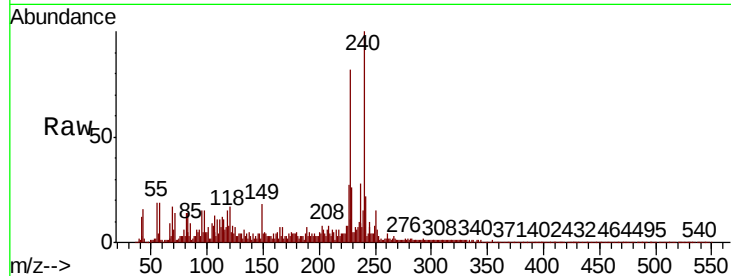
ClientSampleId :

HR-05-100219

Tot Ion:	228	Resp:	106590
Ion Ratio	Lower	Upper	
228	100		
226	32.6	21.4	32.2#
229	31.6	14.7	22.1#

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#83

Chrysene

Concen: 3.471 ng

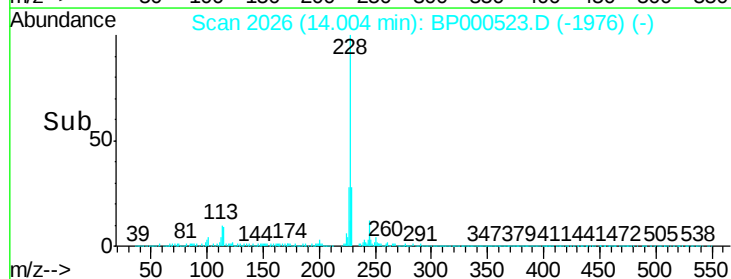
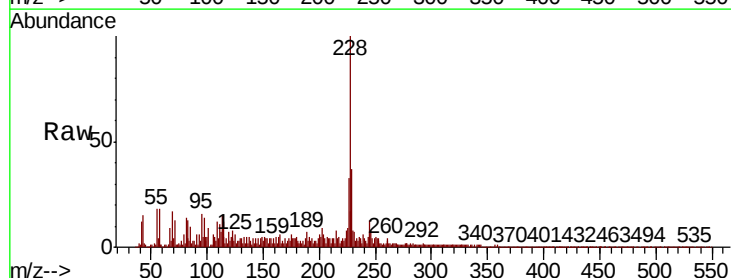
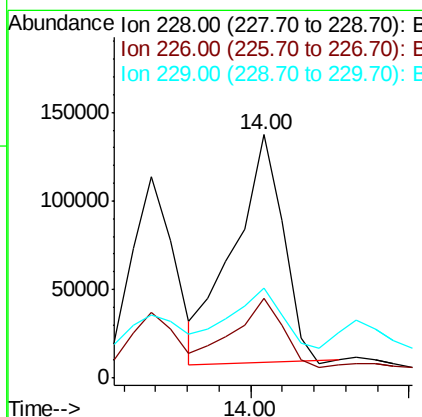
RT: 14.00 min Scan# 2026

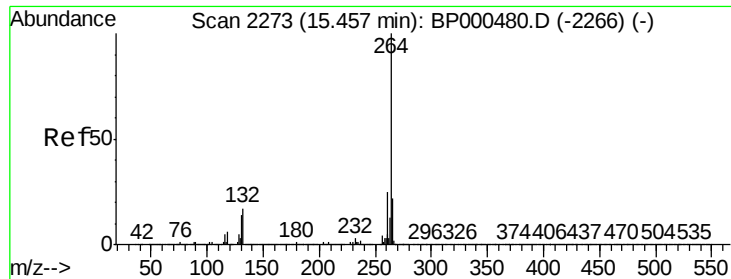
Delta R.T. -0.01 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Tgt Ion:	228	Resp:	137765
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.7	37.1
229	37.1	16.3	24.5#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Instrument :

BNA_P

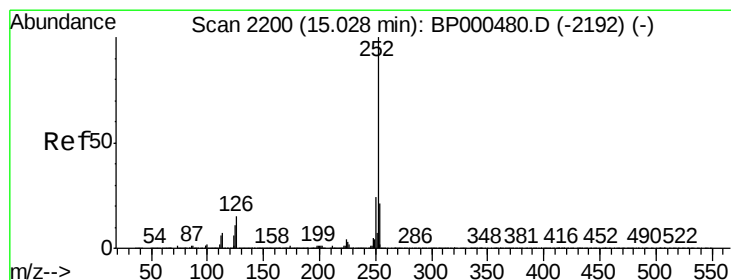
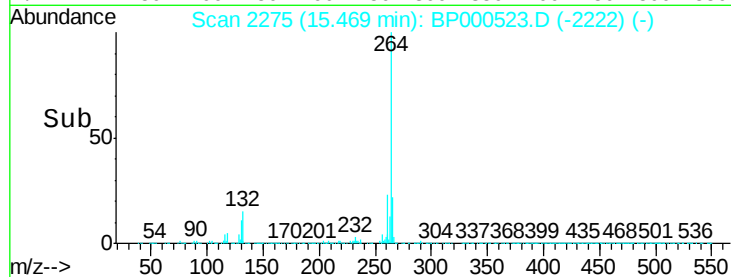
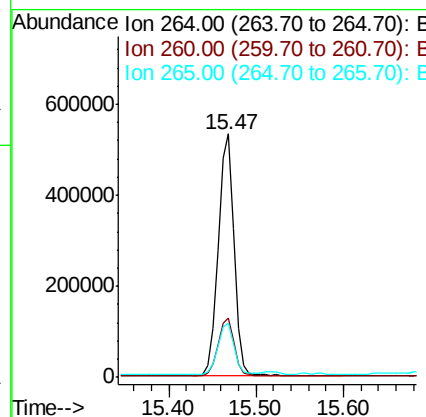
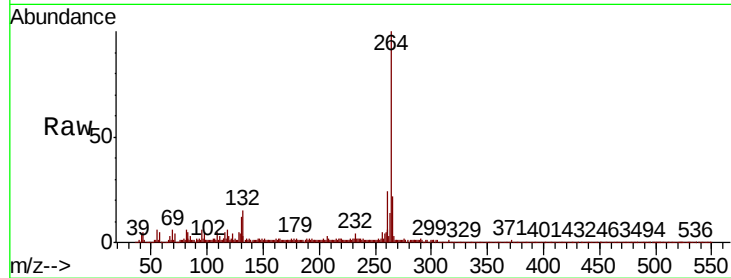
ClientSampleId :

HR-05-100219

Tot Ion:	264	Resp:	673107
Ion Ratio		Lower	Upper
264	100		
260	24.1	20.3	30.5
265	22.4	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 3.541 ng m

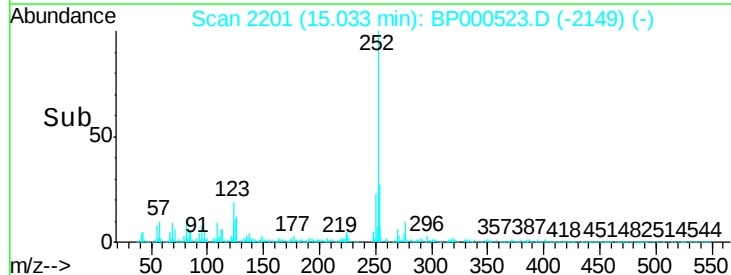
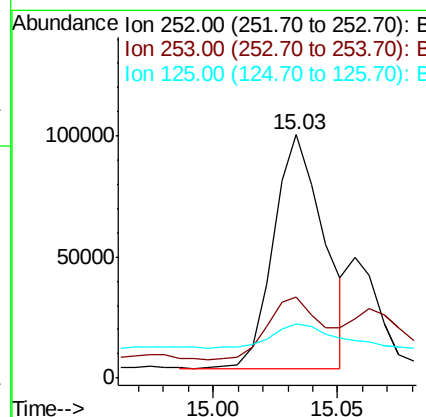
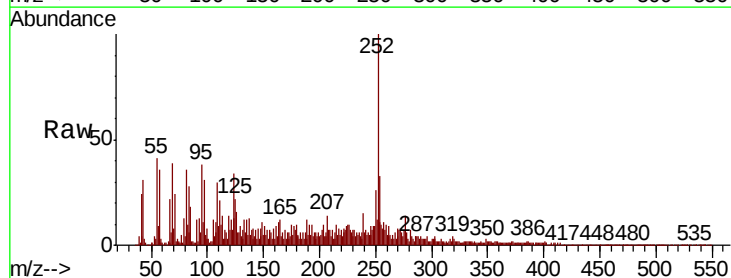
RT: 15.03 min Scan# 2201

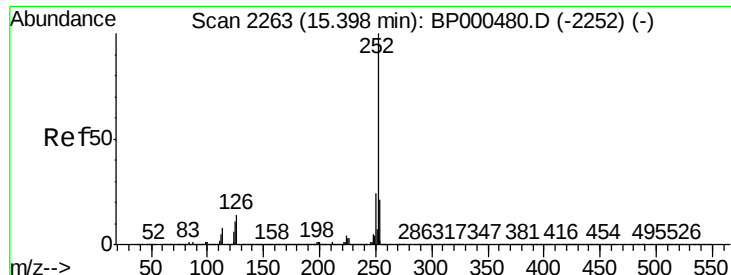
Delta R.T. 0.01 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Tgt Ion:	252	Resp:	135211
Ion Ratio		Lower	Upper
252	100		
253	33.4	17.0	25.4#
125	22.3	8.9	13.3#





#90

Benzo(a)pyrene

Concen: 2.822 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BP000523.D

Acq: 04 Oct 2019 21:37

Instrument :

BNA_P

ClientSampleId :

HR-05-100219

Tot Ion:	252	Resp:	100446
Ion Ratio	Lower	Upper	
252	100		
253	33.1	17.0	25.6#
125	24.6	8.4	12.6#

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