

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000517.D
 Acq On : 04 Oct 2019 19:12
 Operator : JU
 Sample : K5204-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200055-RT-1868

Manual Integrations
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mohammad
 10/7/2019 4:38:27 PM

Quant Time: Oct 05 00:35:32 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	6.76	152	253386	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	933098	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	533881	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	989383	20.00	ng	0.00
76) Chrysene-d12	13.98	240	811727	20.00	ng	0.00
87) Perylene-d12	15.46	264	907326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1238307	78.56	ng	0.00
7) Phenol-d6	6.40	99	1558927	82.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	863599	56.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	488223	85.82	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1967168	59.62	ng	0.00
79) Terphenyl-d14	12.92	244	2336579	58.28	ng	0.00
Target Compounds						
10) Phenol	6.42	94	52842	2.717	ng	99
50) Dimethylphthalate	9.53	163	445423	12.007	ng	99
71) Phenanthrene	11.33	178	260081	5.234	ng	99
75) Fluoranthene	12.53	202	419918	7.525	ng	98
78) Pyrene	12.76	202	355674	6.353	ng	99
81) Benzo(a)anthracene	13.97	228	165047	3.332	ng	94
83) Chrysene	14.00	228	178749	3.677	ng	97
88) Benzo(b)fluoranthene	15.03	252	245678m	4.773	ng	
90) Benzo(a)pyrene	15.39	252	158898	3.311	ng	97
92) Benzo(g,h,i)perylene	17.36	276	107234	2.268	ng	98

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

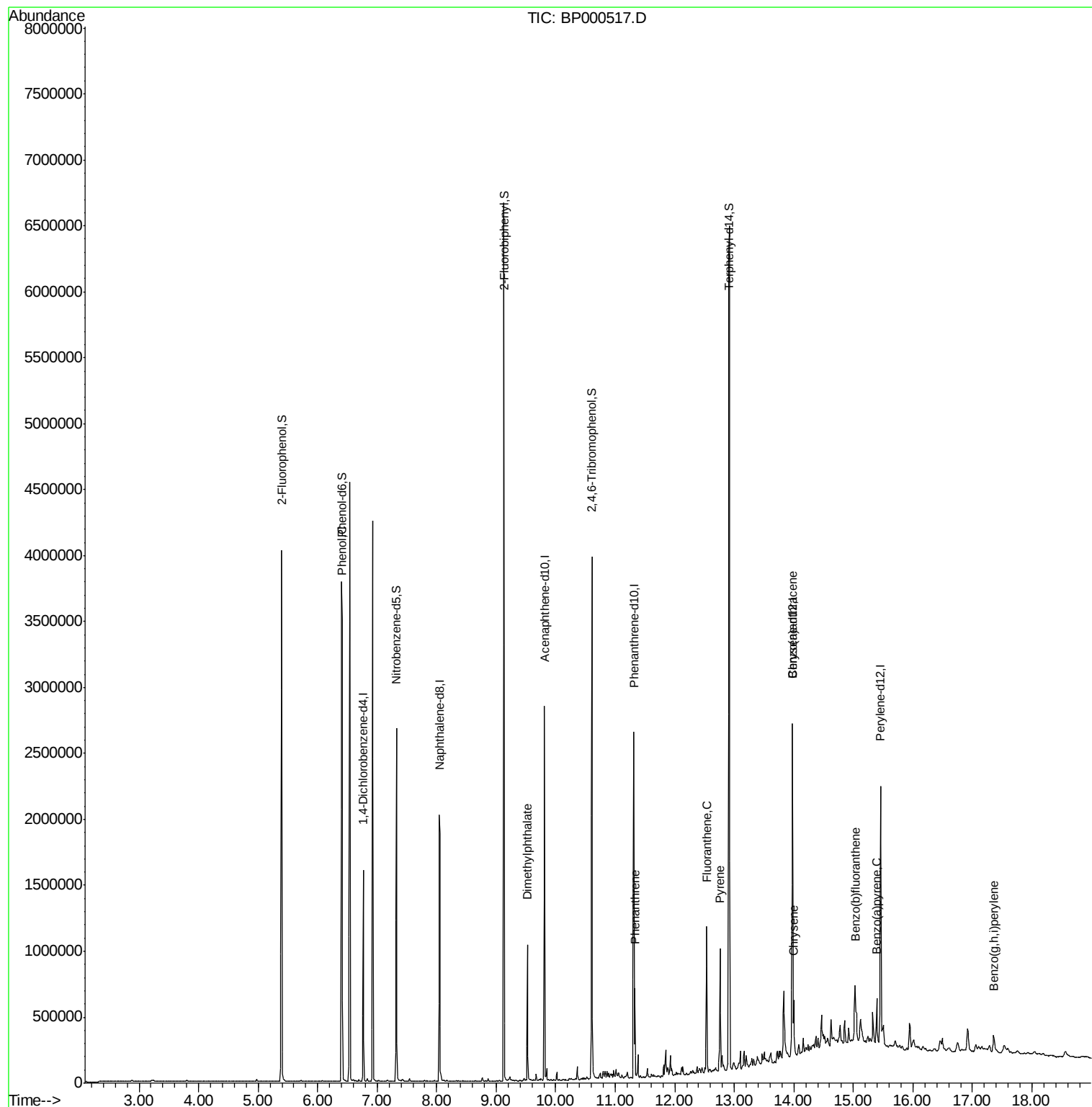
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000517.D
Acq On : 04 Oct 2019 19:12
Operator : JU
Sample : K5204-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

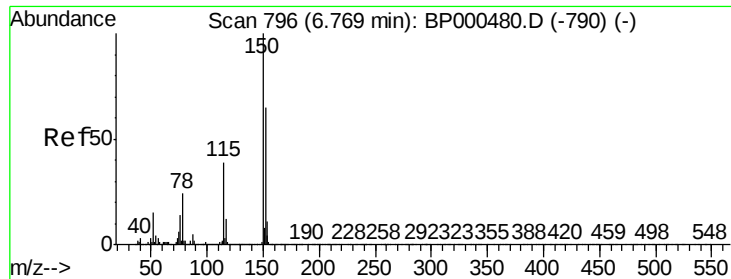
Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

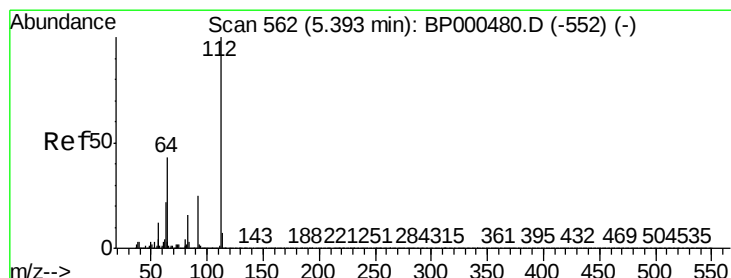
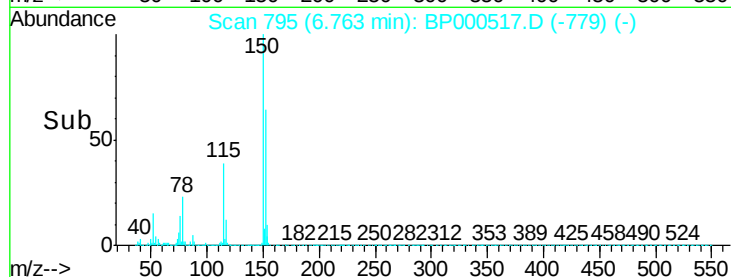
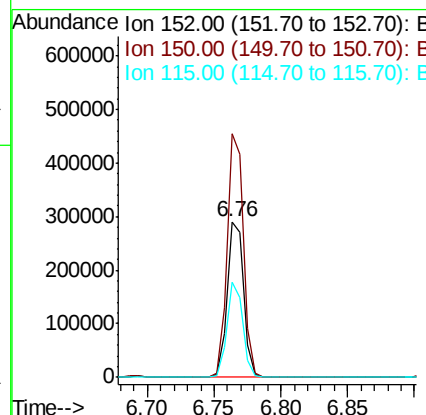
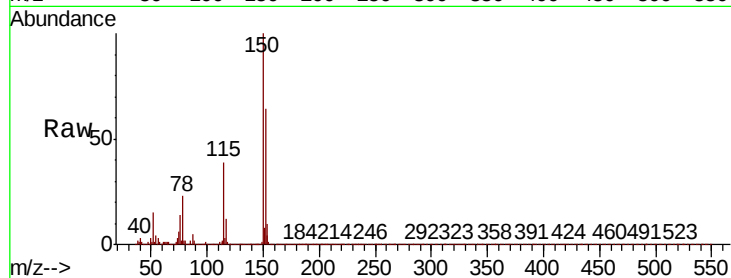
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.1	186.1
115	60.8	48.7	73.1

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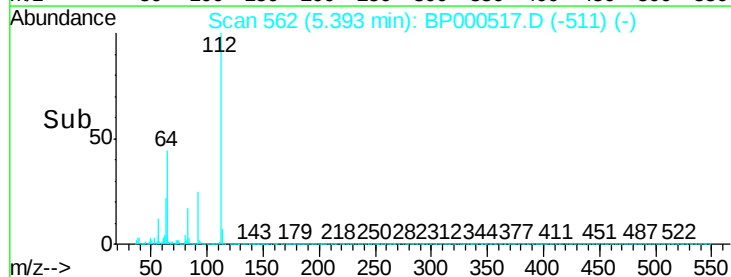
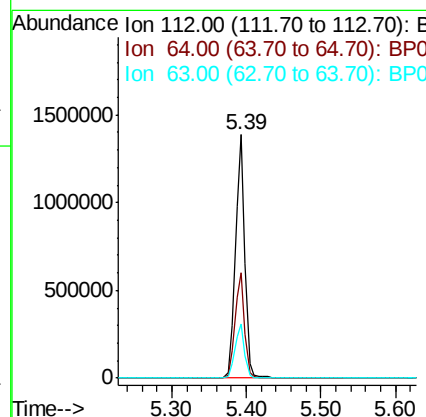
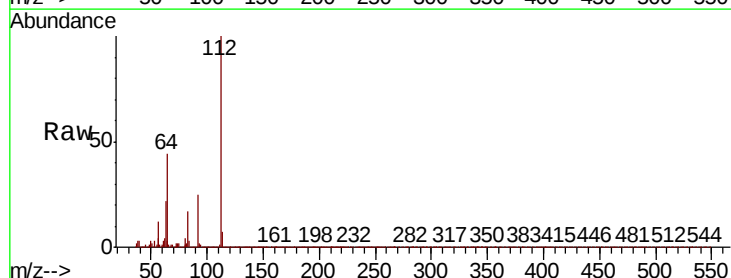
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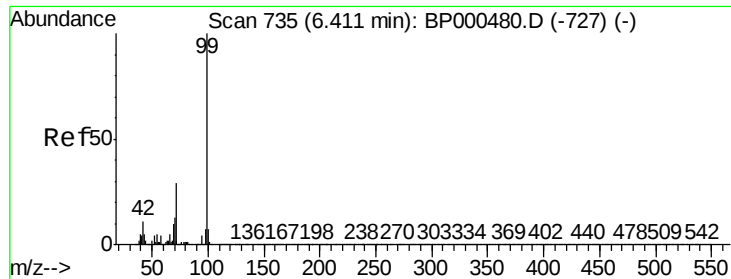


#5

2-Fluorophenol
Concen: 78.556 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.5	34.2	51.4
63	22.4	17.9	26.9





#7

Phenol-d6

Concen: 82.068 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Instrument :

BNA_P

ClientSampleId :

RBR-200055-RT-1868

Tot Ion: 99 Resp: 1558927

Ion Ratio Lower Upper

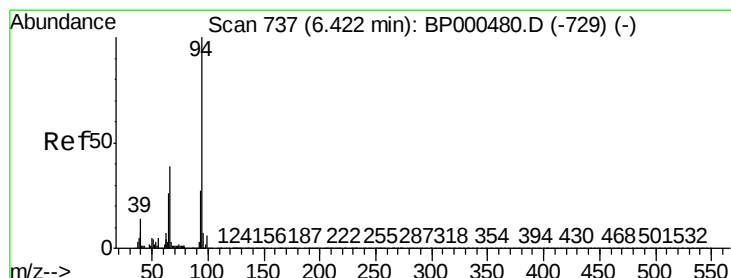
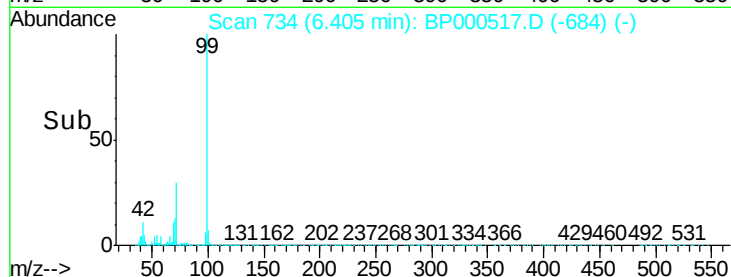
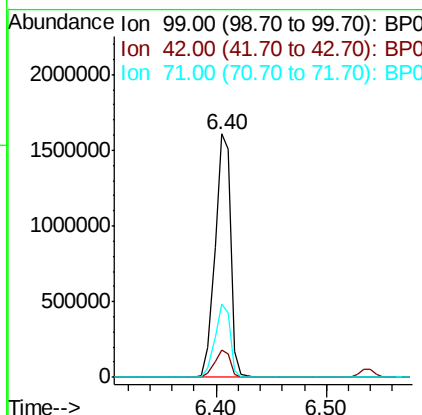
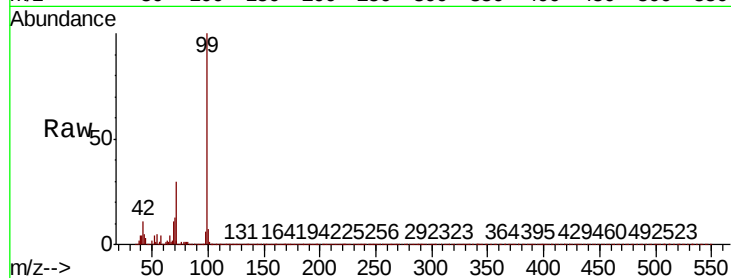
99 100

42 11.2 8.6 12.8

71 30.1 23.0 34.4

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#10

Phenol

Concen: 2.717 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

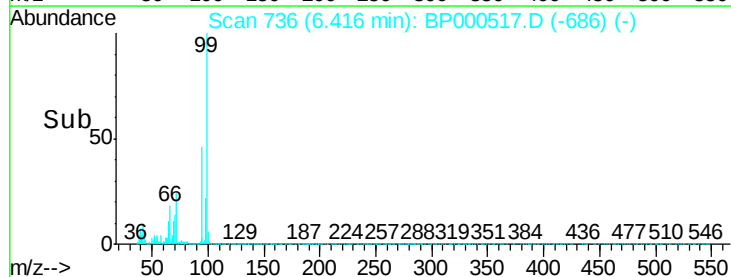
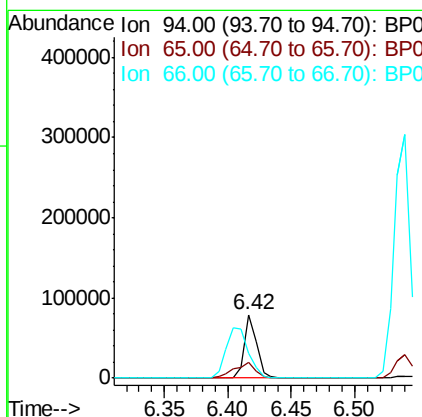
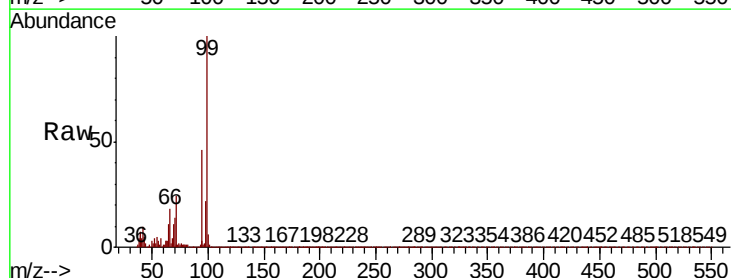
Tgt Ion: 94 Resp: 52842

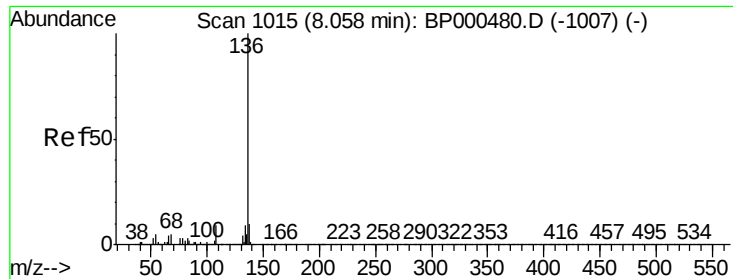
Ion Ratio Lower Upper

94 100

65 24.6 5.9 45.9

66 39.0 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Instrument :

BNA_P

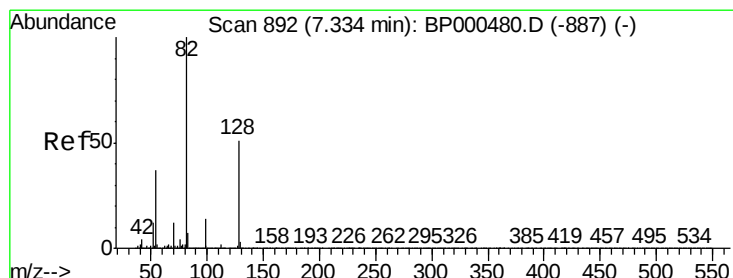
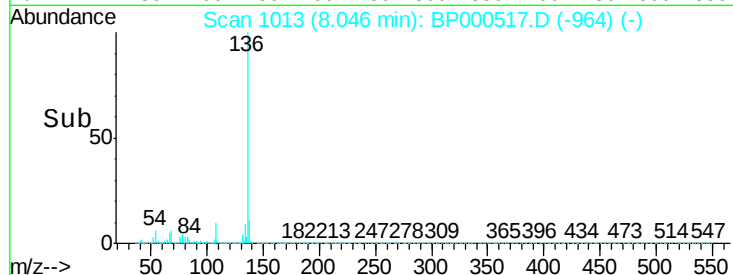
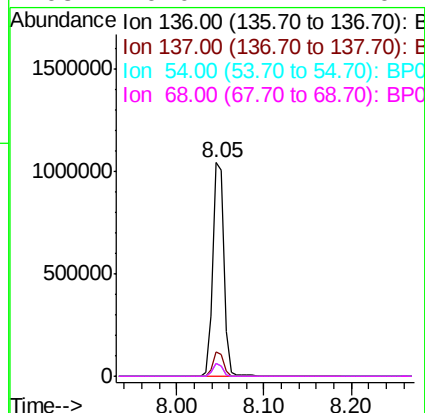
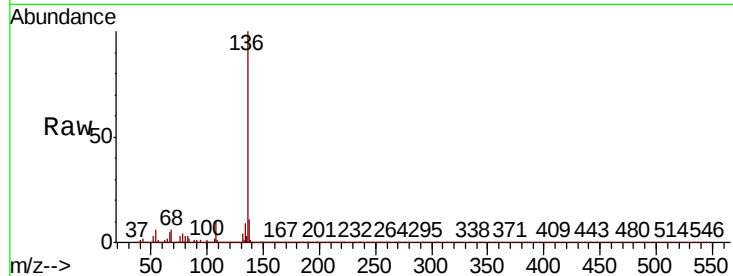
ClientSampleId :

RBR-200055-RT-1868

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		933098		
137	11.4	8.2	12.4		
54	6.0	4.1	6.1		
68	6.0	4.1	6.1		

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#23

Nitrobenzene-d5

Concen: 56.526 ng

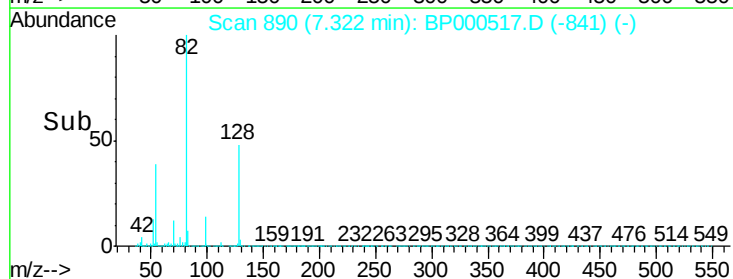
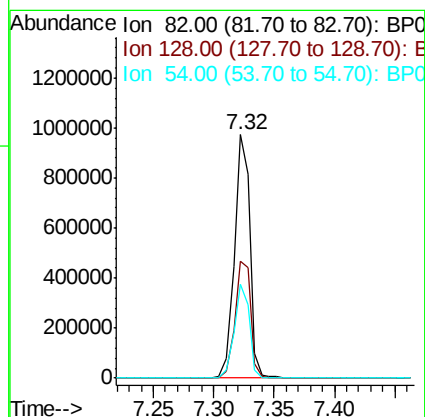
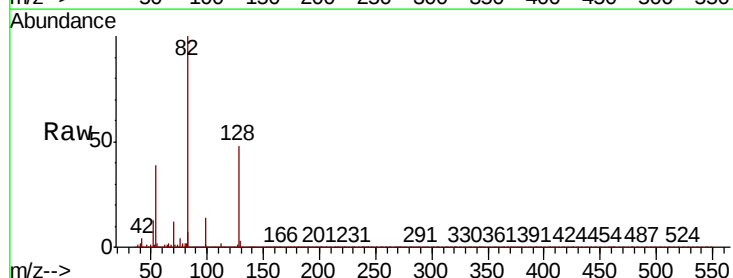
RT: 7.32 min Scan# 890

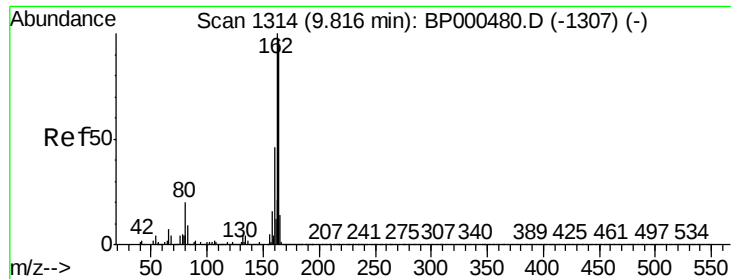
Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		863599		
128	48.0	40.9	61.3		
54	38.8	29.4	44.2		





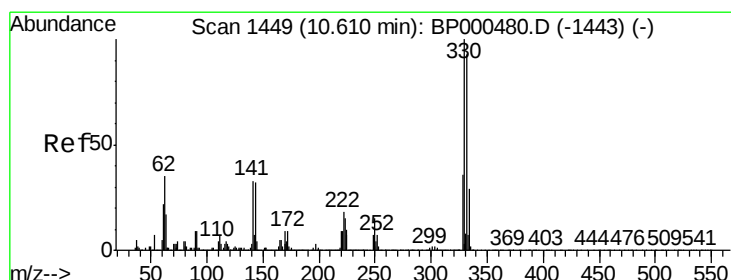
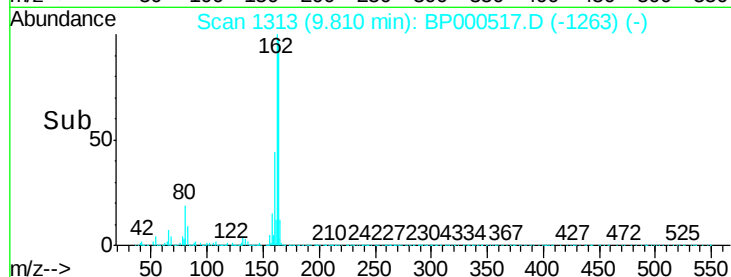
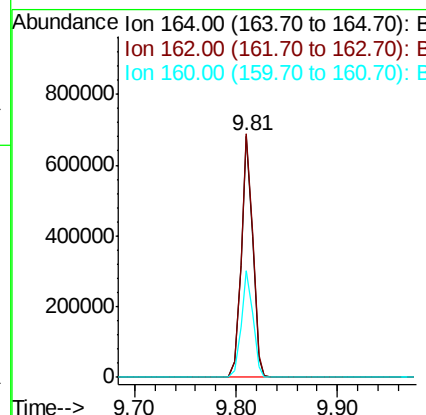
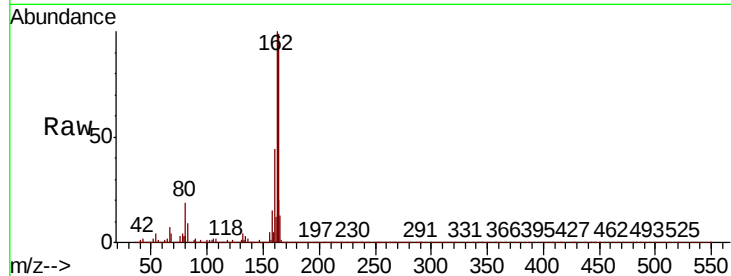
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.4	37.6	56.4

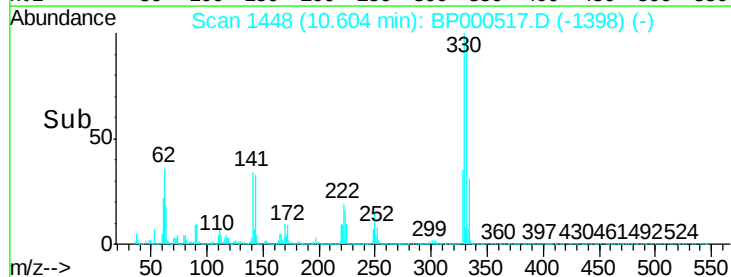
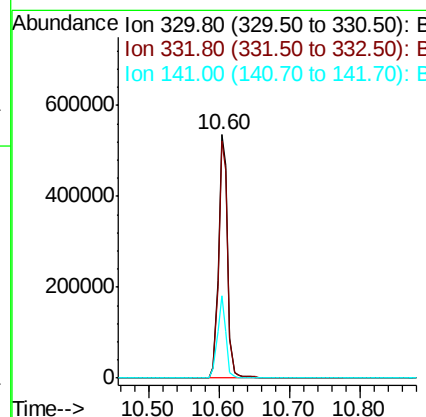
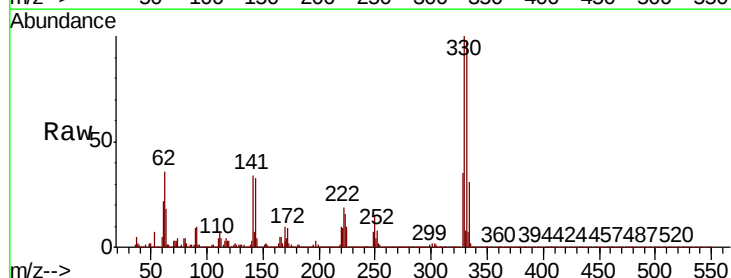
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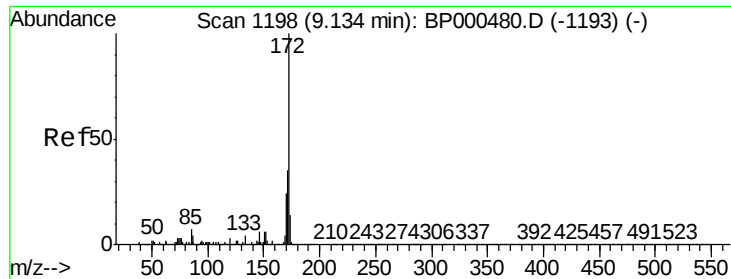
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#42
2,4,6-Tribromophenol
Concen: 85.817 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	31.4	26.0	39.0





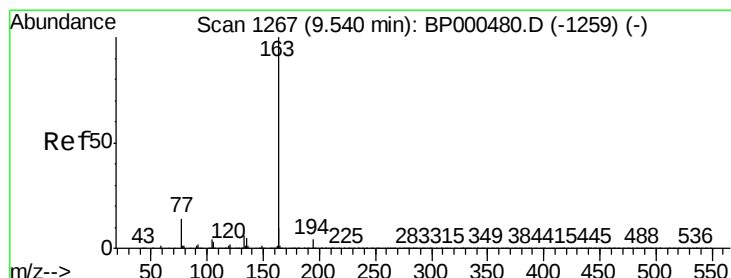
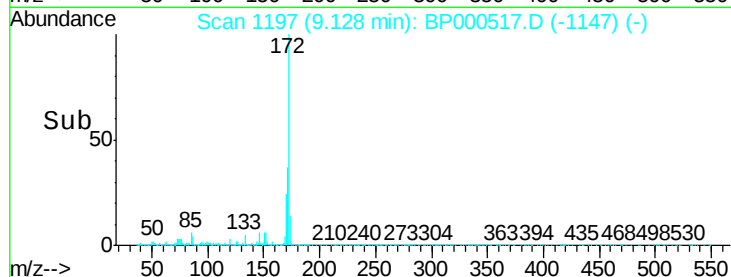
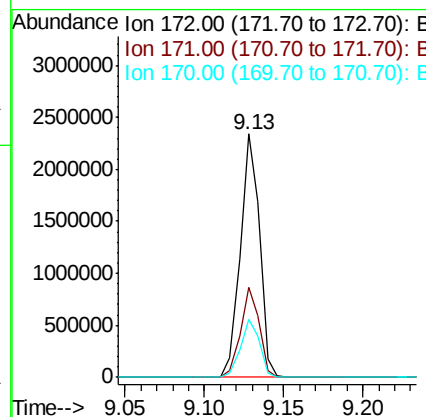
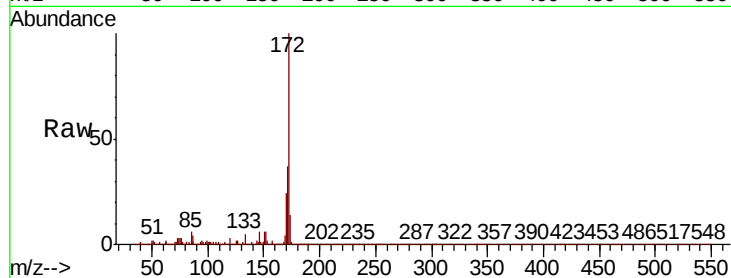
#45
2-Fluorobiphenyl
Concen: 59.618 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.4	42.6
170	24.0	19.1	28.7

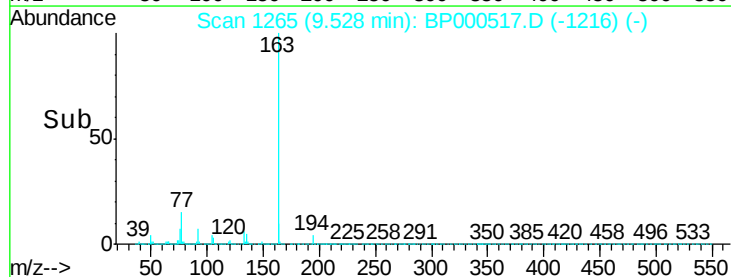
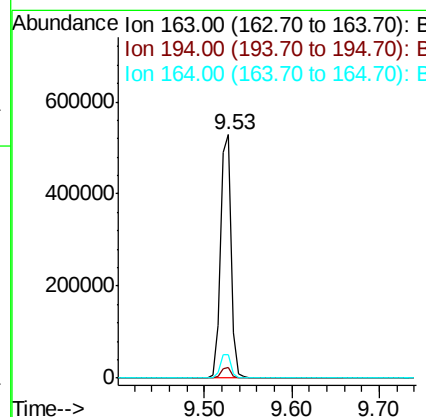
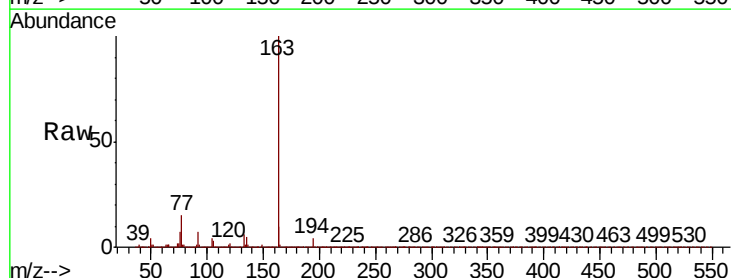
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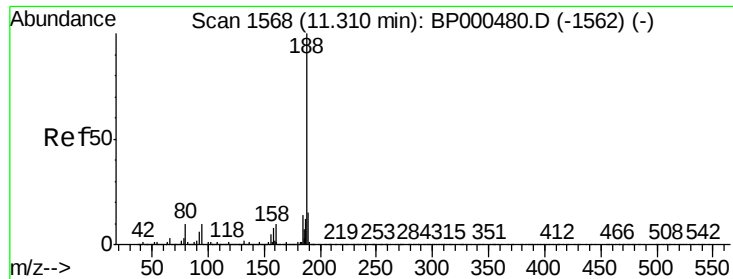
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#50
Dimethylphthalate
Concen: 12.007 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.7	8.0	12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Instrument :

BNA_P

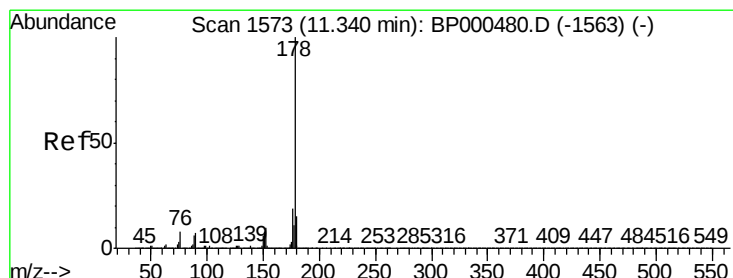
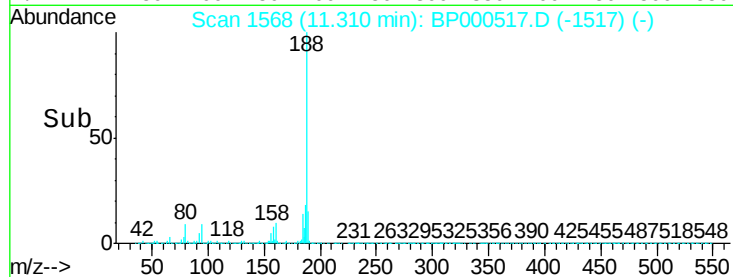
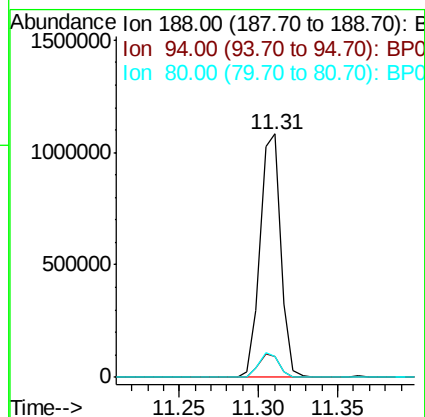
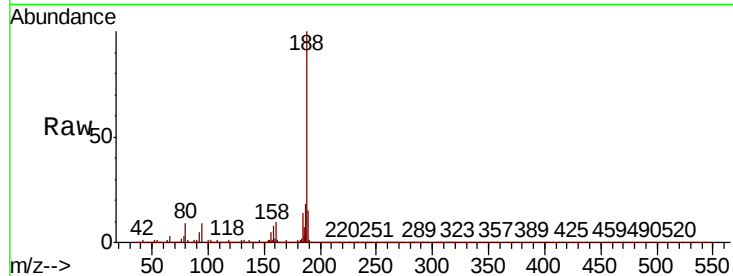
ClientSampleId :

RBR-200055-RT-1868

Tot Ion:	188	Resp:	989383
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.2	12.2
80	8.6	8.3	12.5

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#71

Phenanthrene

Concen: 5.234 ng

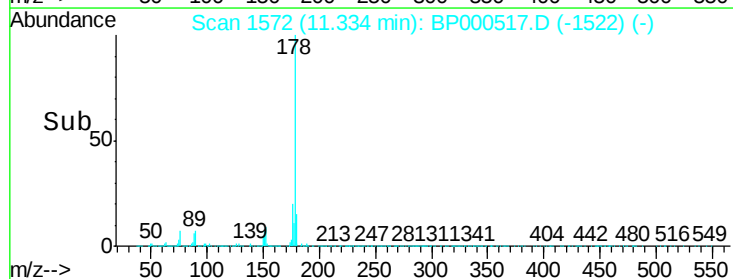
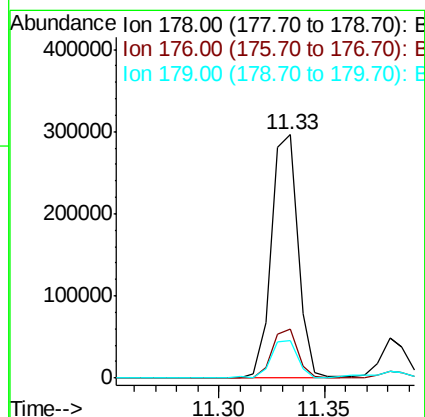
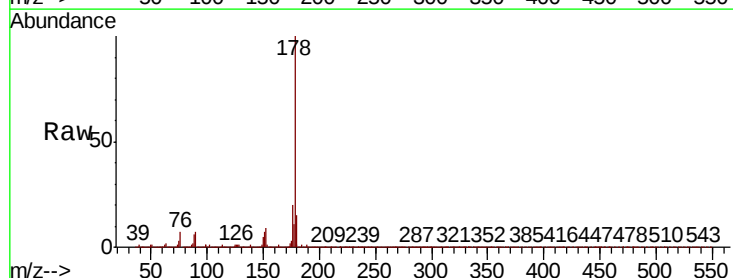
RT: 11.33 min Scan# 1572

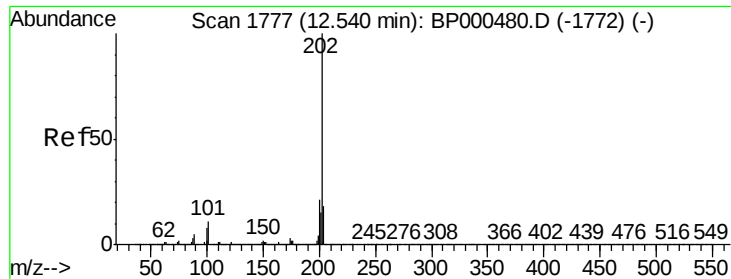
Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Tgt Ion:	178	Resp:	260081
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.4	23.2
179	15.2	12.2	18.4





#75

Fluoranthene

Concen: 7.525 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Instrument :

BNA_P

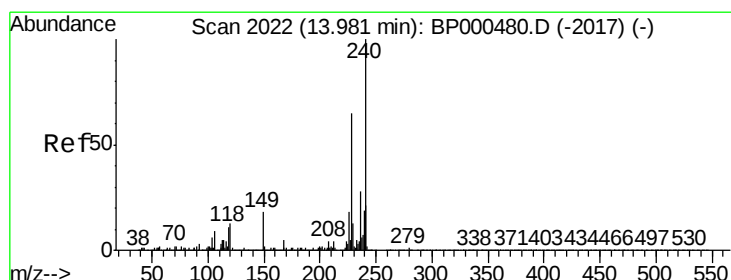
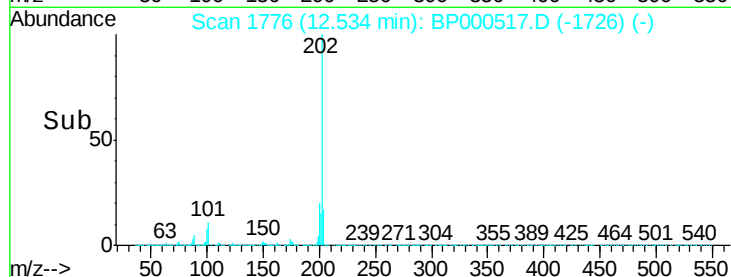
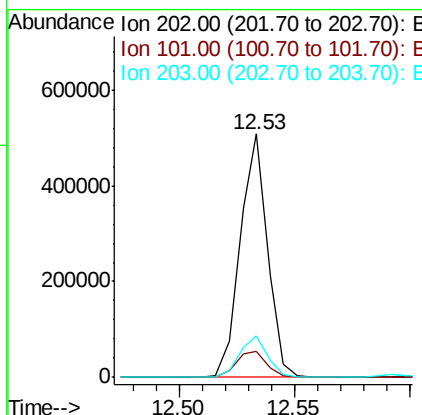
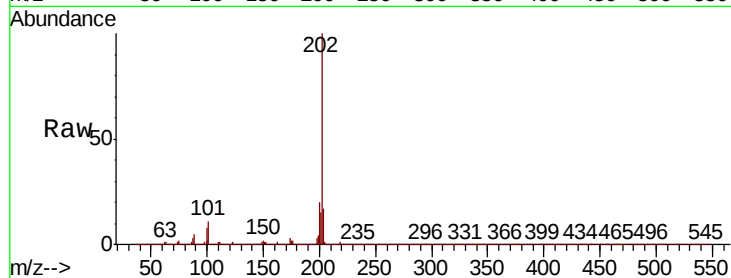
ClientSampleId :

RBR-200055-RT-1868

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		419918		
101	10.7	0.0	31.3		
203	17.2	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

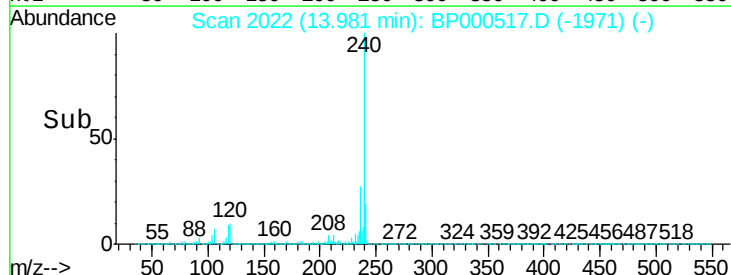
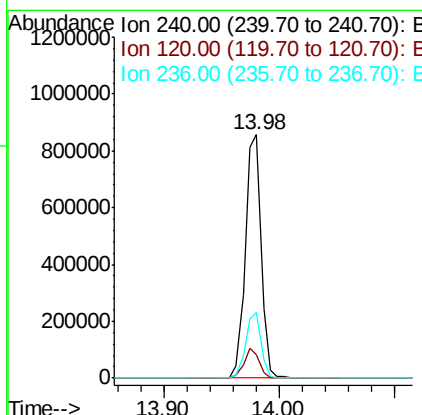
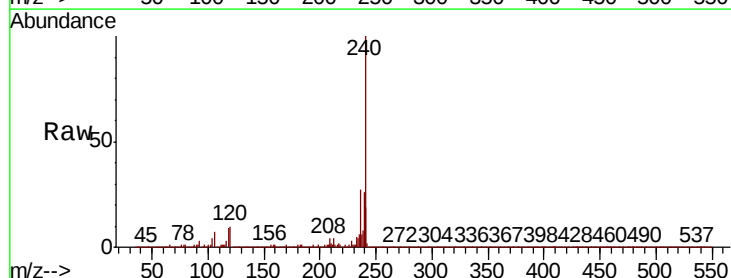
RT: 13.98 min Scan# 2022

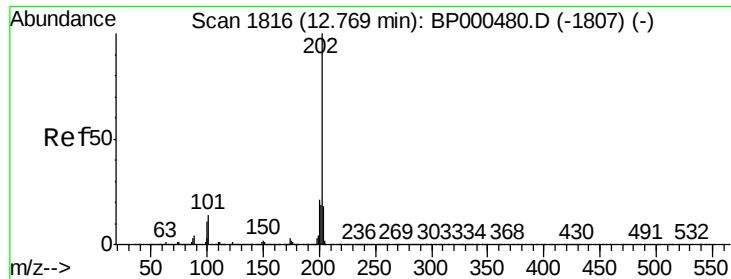
Delta R.T. -0.00 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		811727		
120	9.9	10.1	15.1#		
236	26.8	22.7	34.1		





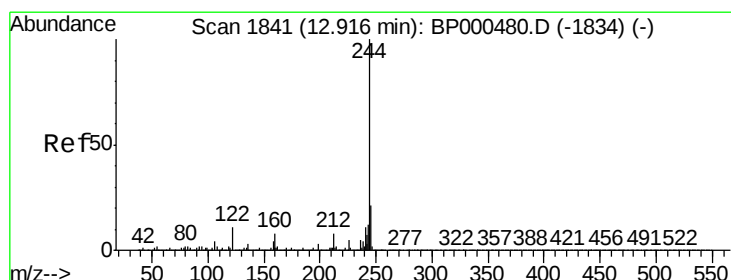
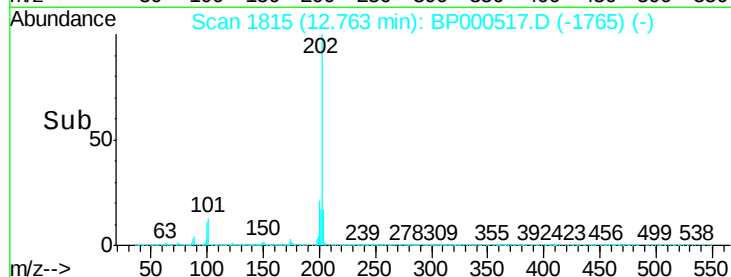
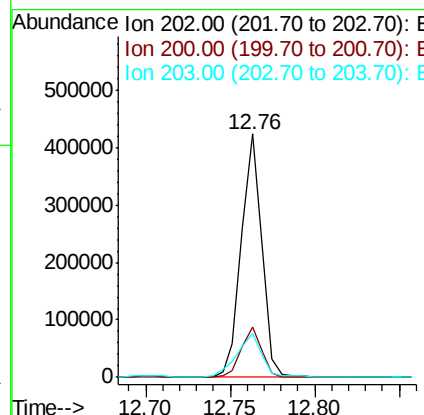
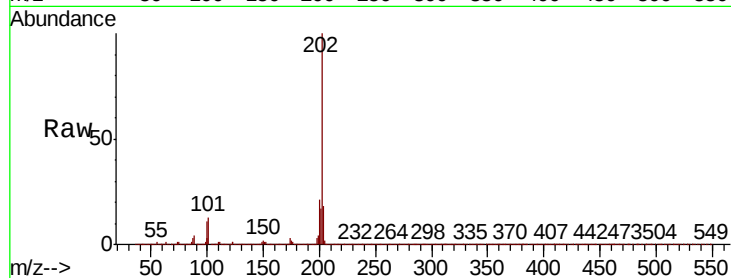
#78
Pvrene
Concen: 6.353 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.8	14.6	21.8

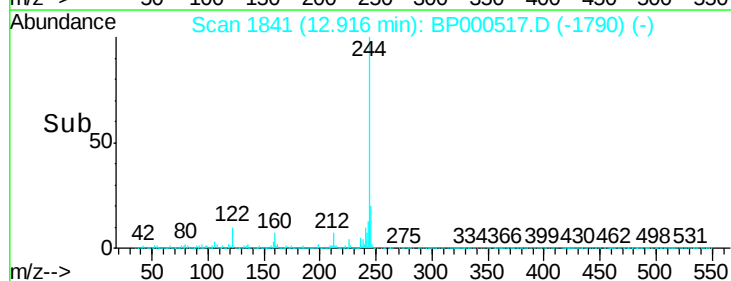
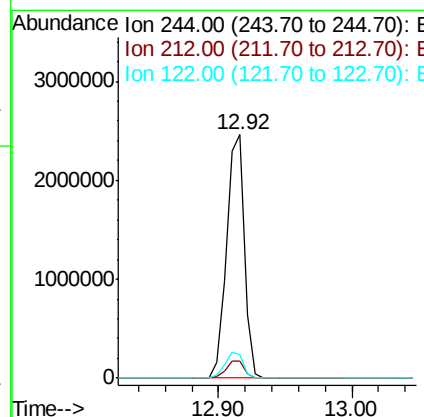
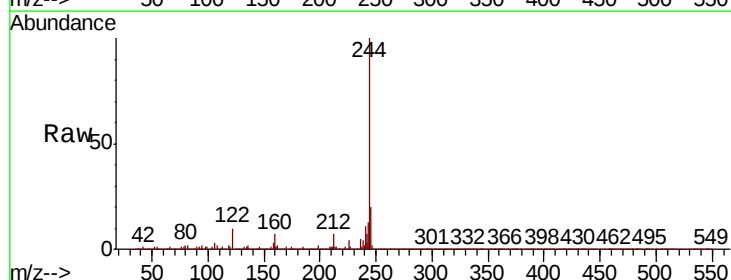
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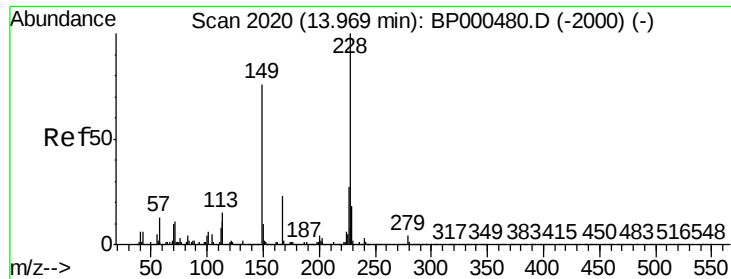
mohammad
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#79
Terphenyl-d14
Concen: 58.282 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.6	8.9	13.3





#81

Benzo(a)anthracene

Concen: 3.332 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Instrument :

BNA_P

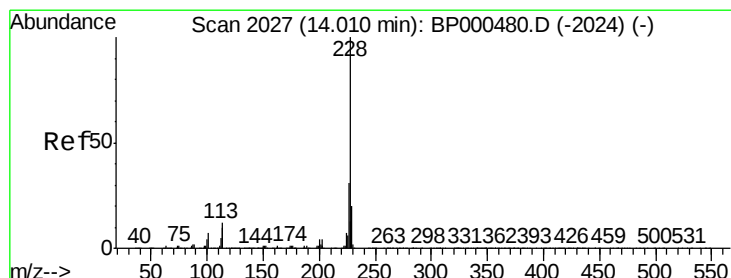
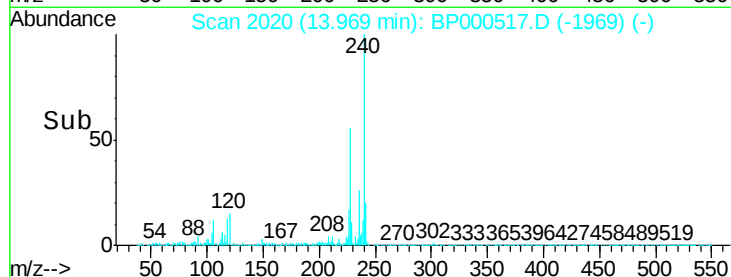
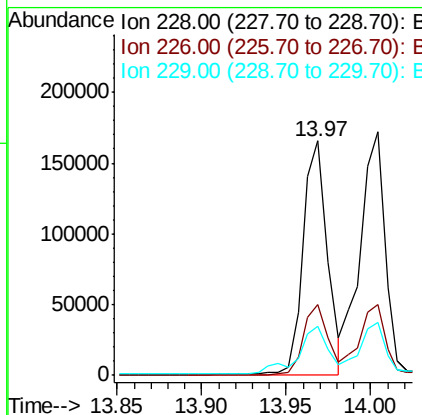
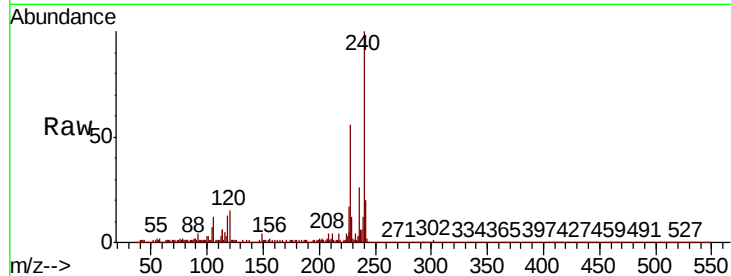
ClientSampleId :

RBR-200055-RT-1868

Tot Ion:	228	Resp:	165047
Ion Ratio	Lower	Upper	
228	100		
226	30.2	21.4	32.2
229	21.0	14.7	22.1

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#83

Chrysene

Concen: 3.677 ng

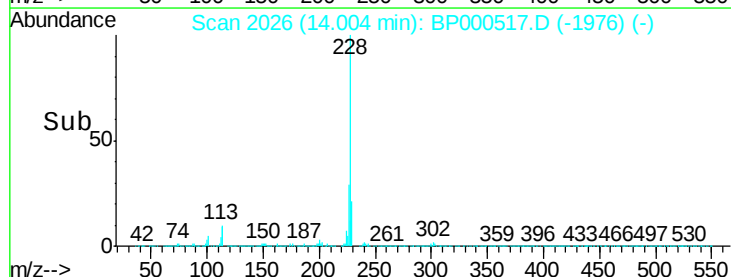
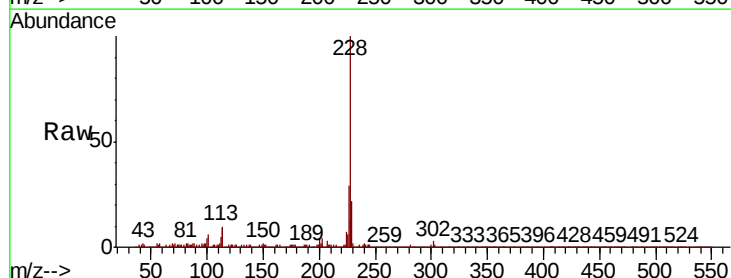
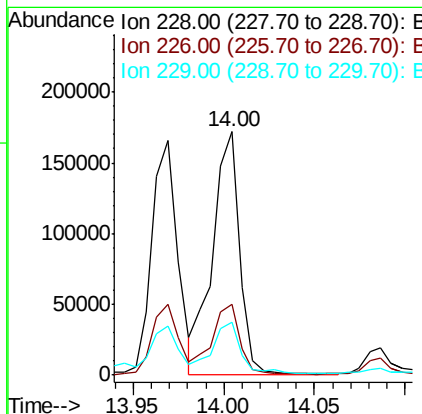
RT: 14.00 min Scan# 2026

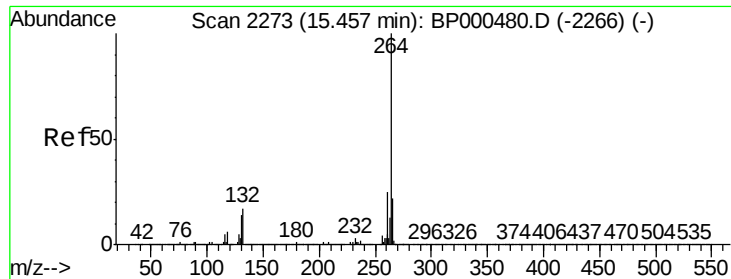
Delta R.T. -0.01 min

Lab File: BP000517.D

Acq: 04 Oct 2019 19:12

Tgt Ion:	228	Resp:	178749
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.7	37.1
229	21.7	16.3	24.5





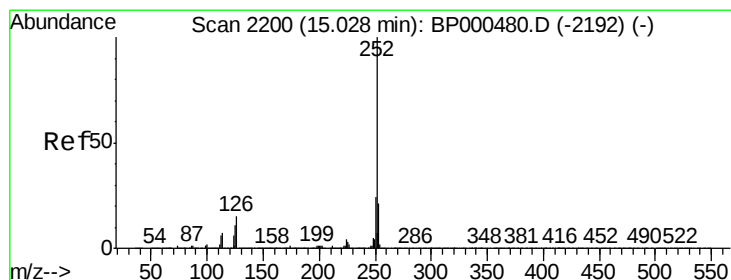
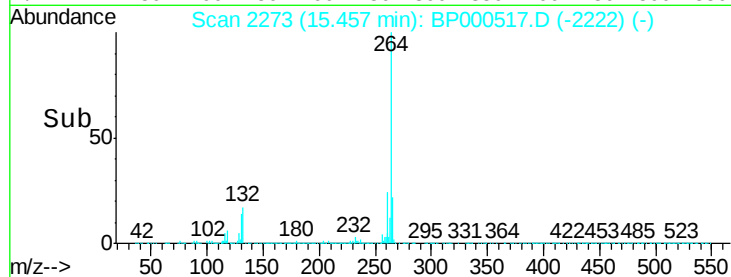
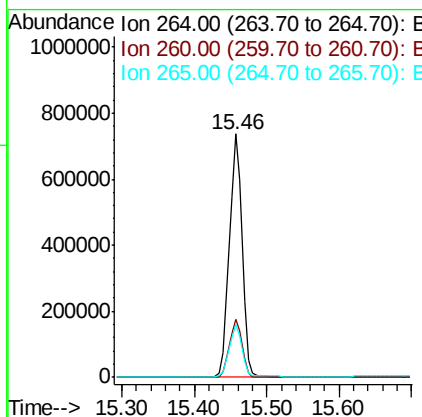
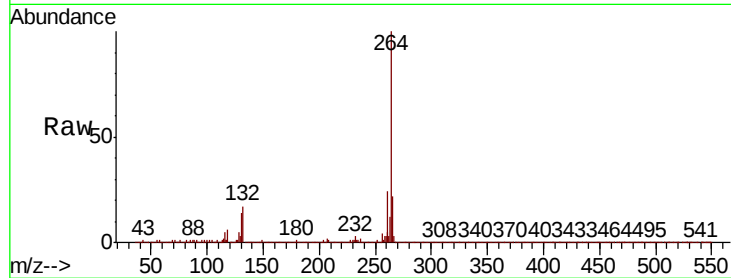
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.0	18.0	27.0

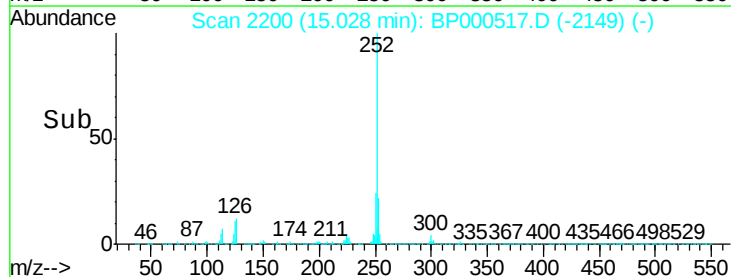
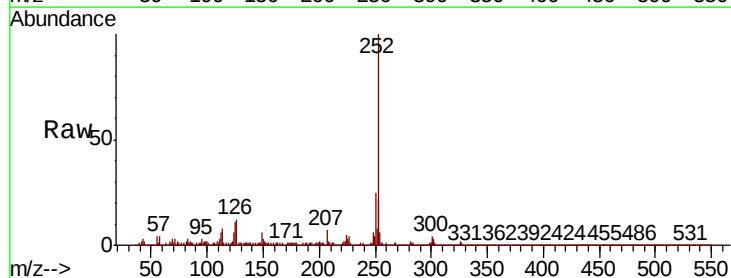
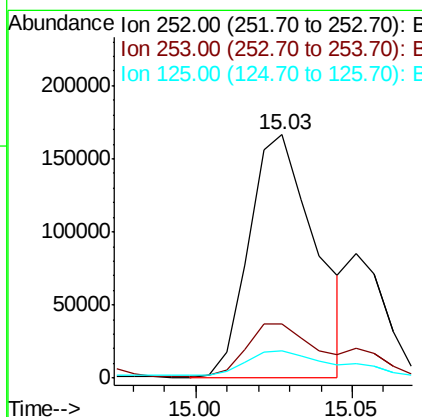
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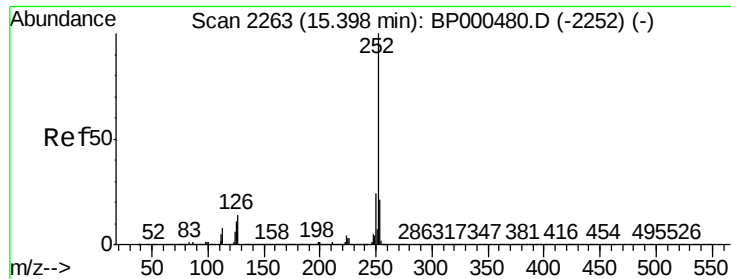
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.773 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	11.5	8.9	13.3





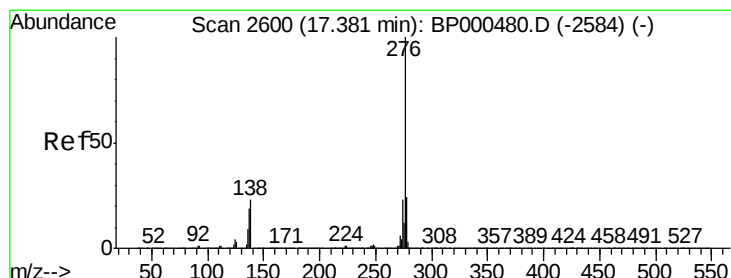
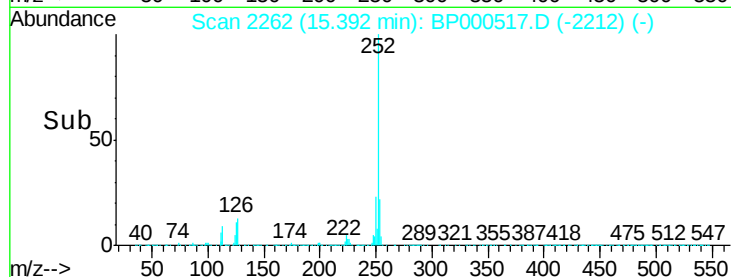
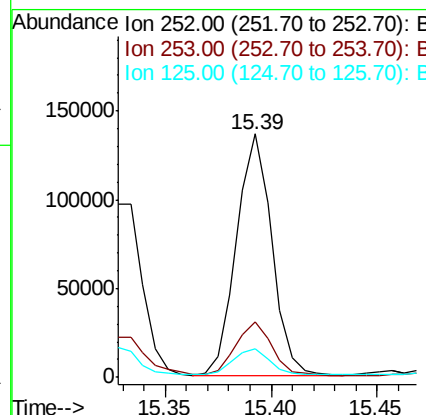
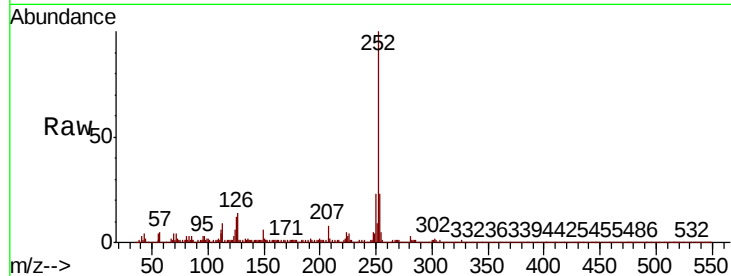
#90
Benzo(a)pyrene
Concen: 3.311 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Instrument :
BNA_P
ClientSampleId :
RBR-200055-RT-1868

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.6	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.268 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000517.D
Acq: 04 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.2
138	21.5	18.5	27.7

