

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002829.D
 Acq On : 22 Jul 2020 17:32
 Operator : CG/JU
 Sample : L3362-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-59

Manual Integrations
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Sohil
 7/24/2020 12:11:03 PM

Quant Time: Jul 22 18:53:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	122948	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	470999	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	230768	20.00	ng	-0.01
64) Phenanthrene-d10	16.98	188	200553	20.00	ng	0.01
76) Chrysene-d12	21.11	240	175652	20.00	ng	0.04
86) Perylene-d12	23.30	264	298462	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	566579	77.75	ng	0.00
7) Phenol-d6	6.75	99	730399	70.23	ng	0.00
23) Nitrobenzene-d5	8.69	82	484488	55.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	139243	57.80	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	937836	62.87	ng	-0.01
79) Terphenyl-d14	19.59	244	459022	59.91	ng	0.03
Target Compounds						
32) Benzoic acid	9.69	122	10414	8.779	ng	94
50) Dimethylphthalate	13.66	163	190414	10.819	ng	# 94
71) Phenanthrene	17.02	178	56519	5.205	ng	# 15
75) Fluoranthene	19.03	202	91387	7.263	ng	# 55
78) Pyrene	19.39	202	87953	7.252	ng	# 58
81) Benzo(a)anthracene	21.10	228	46548	4.094	ng	# 60
83) Chrysene	21.14	228	56615	5.231	ng	# 59
87) Indeno(1,2,3-cd)pyrene	25.50	276	90969	4.217	ng	98
88) Benzo(b)fluoranthene	22.65	252	114891m	6.199	ng	
90) Benzo(a)pyrene	23.21	252	74672	4.252	ng	# 59
92) Benzo(g,h,i)perylene	26.17	276	93047	5.275	ng	# 89

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

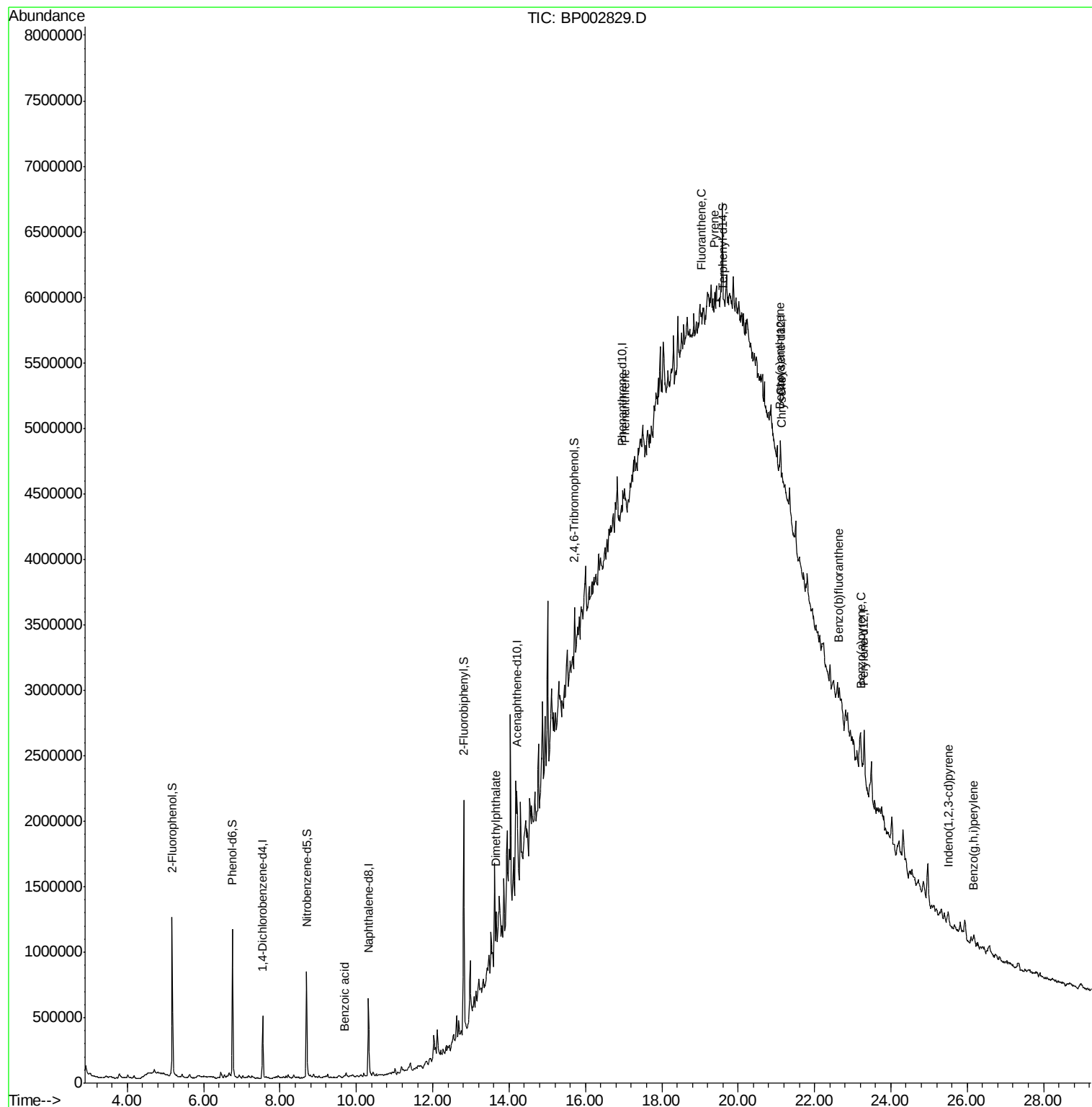
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002829.D
Acq On : 22 Jul 2020 17:32
Operator : CG/JU
Sample : L3362-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

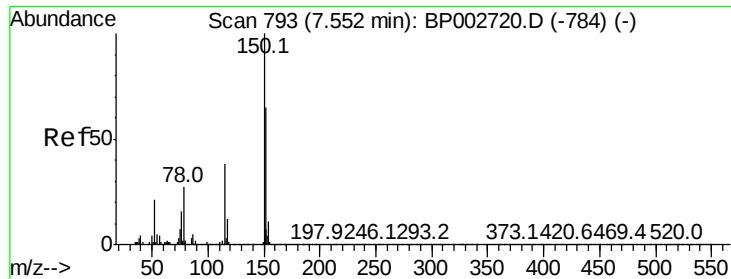
Instrument :
BNA_P
ClientSampleId :
RBR-59

Quant Time: Jul 22 18:53:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

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#1

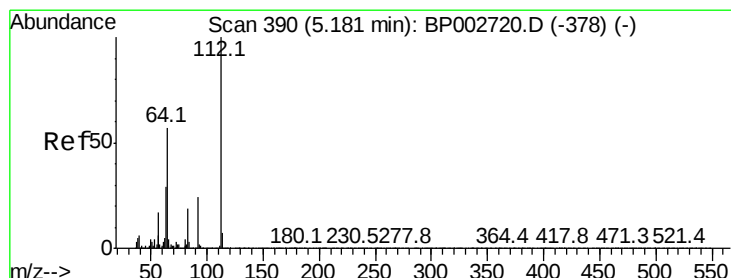
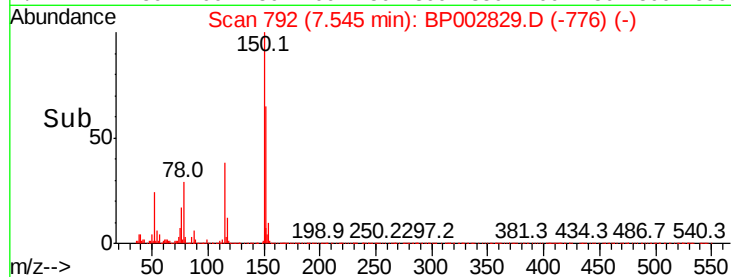
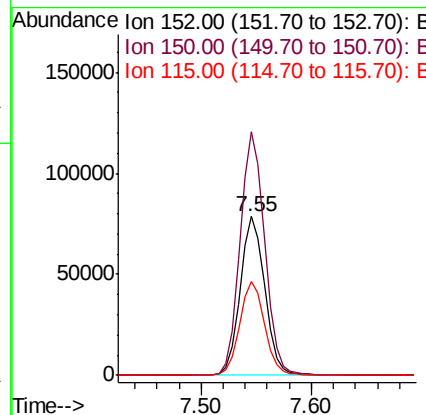
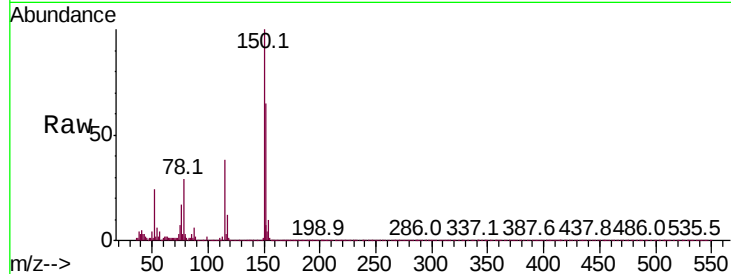
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampleId :
RBR-59

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.7	185.5
115	58.8	47.2	70.8

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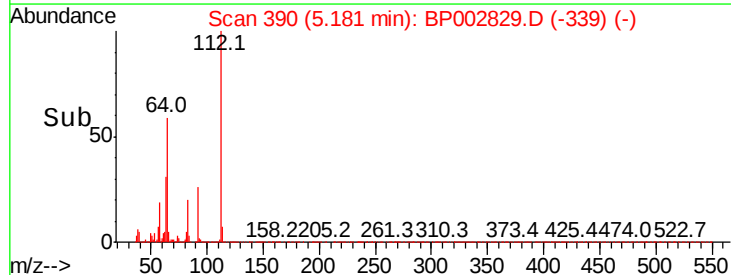
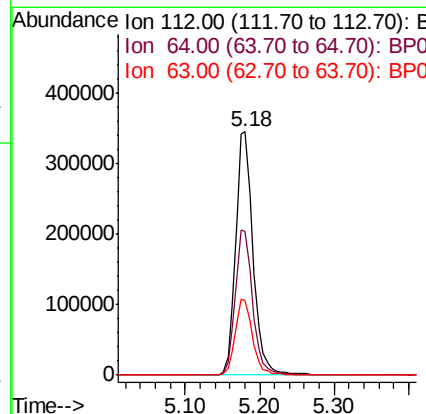
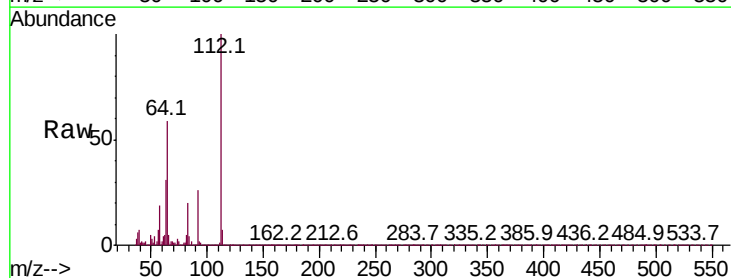
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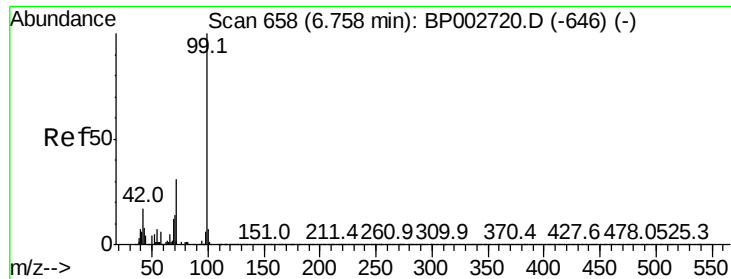


#5

2-Fluorophenol
Concen: 77.750 ng
RT: 5.18 min Scan# 390
Delta R.T. -0.00 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.6	68.4
63	30.6	23.5	35.3





#7

Phenol-d6

Concen: 70.231 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA_P

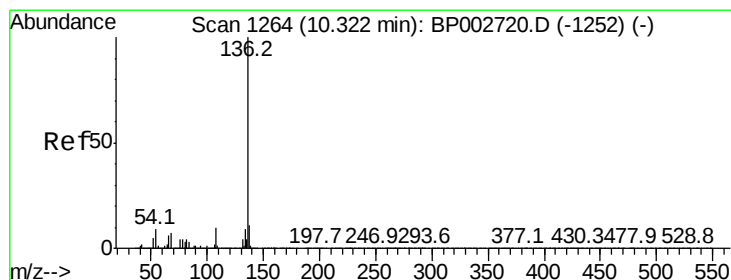
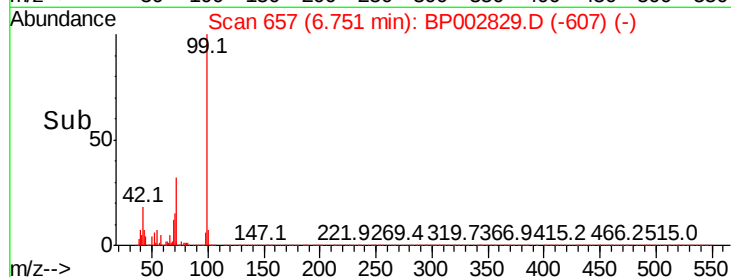
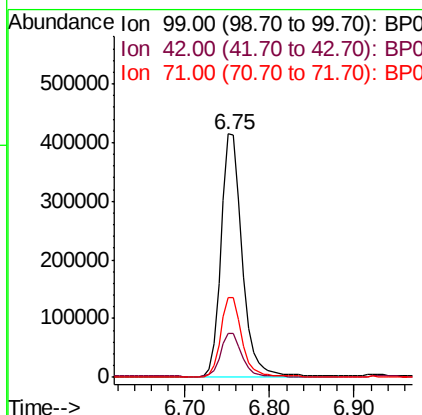
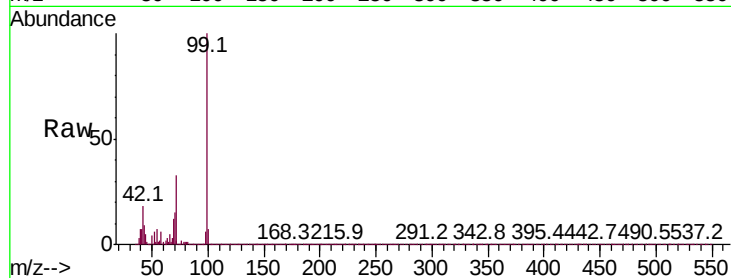
ClientSampled :

RBR-59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		730399		
42	18.3	13.4	20.2		
71	32.7	24.6	36.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

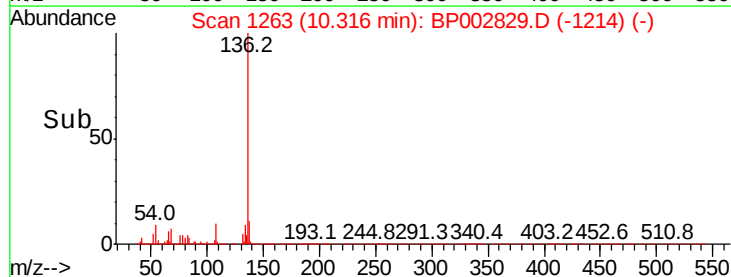
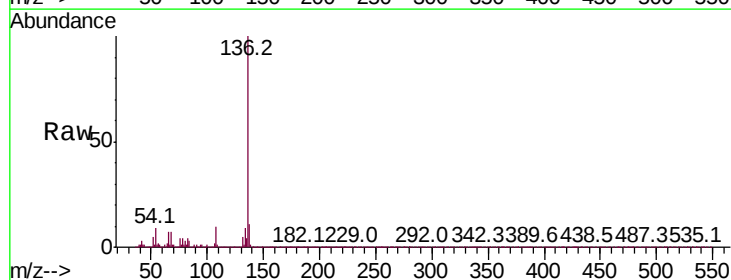
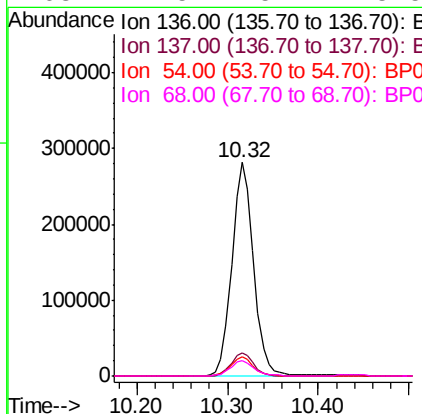
RT: 10.32 min Scan# 1263

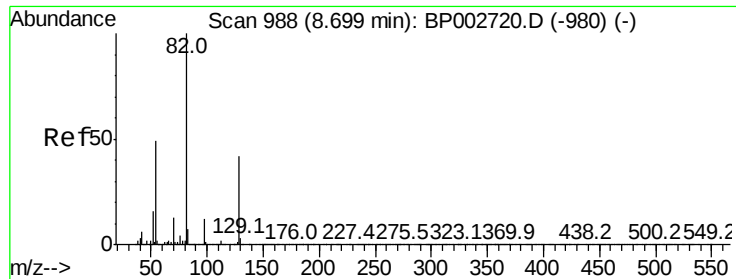
Delta R.T. -0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		470999		
137	11.1	8.6	13.0		
54	8.8	6.9	10.3		
68	7.5	5.7	8.5		





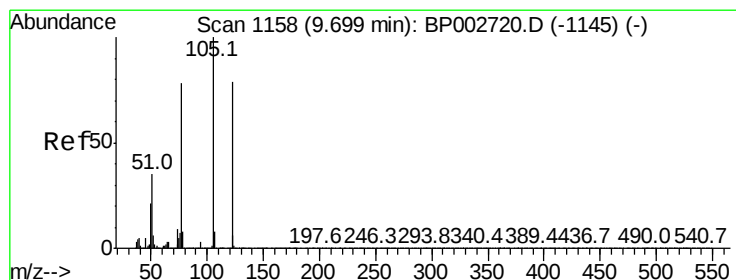
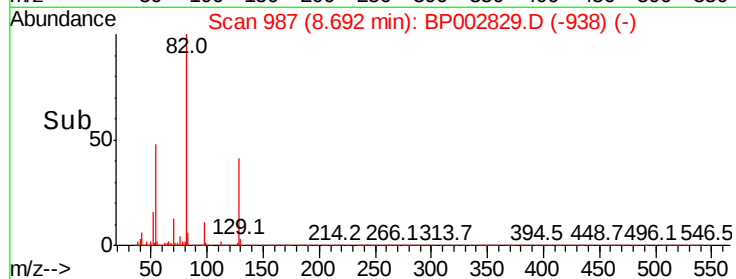
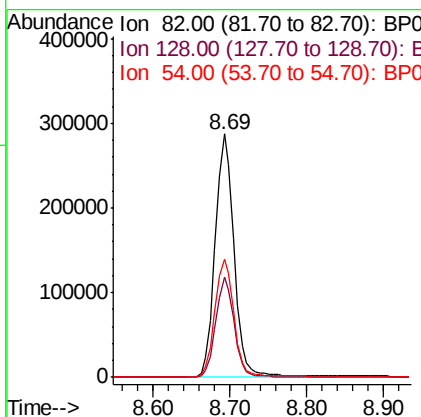
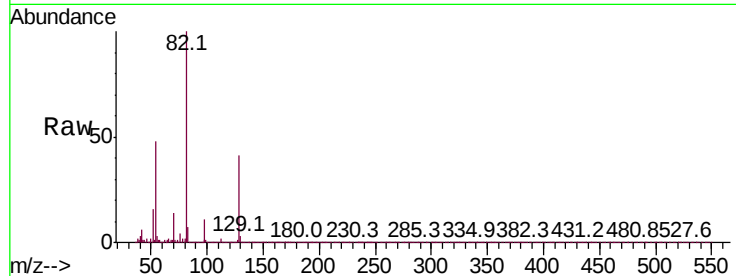
#23
Nitrobenzene-d5
Concen: 55.015 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampled :
RBR-59

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.0	33.8	50.8	
54	48.4	38.8	58.2	

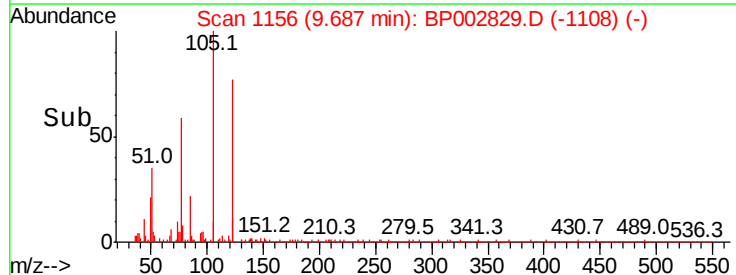
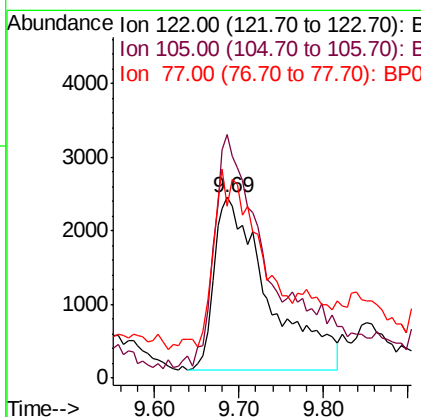
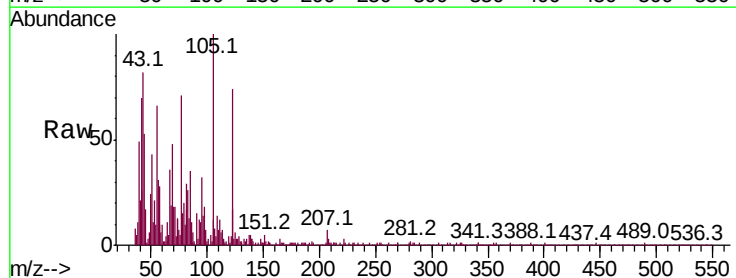
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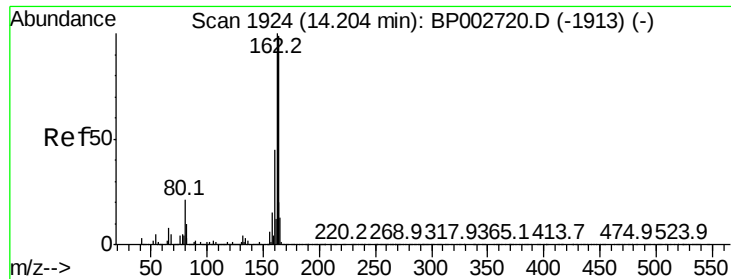
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#32
Benzoic acid
Concen: 8.779 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.7	105.4	145.4	
77	95.0	78.5	118.5	





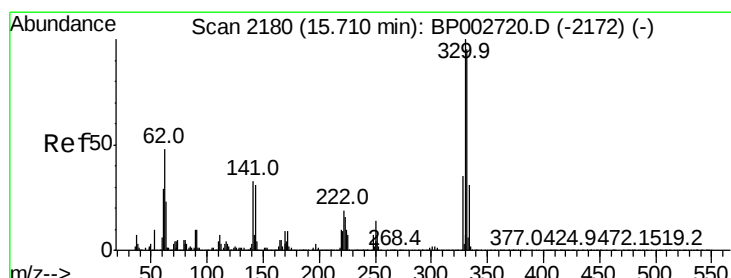
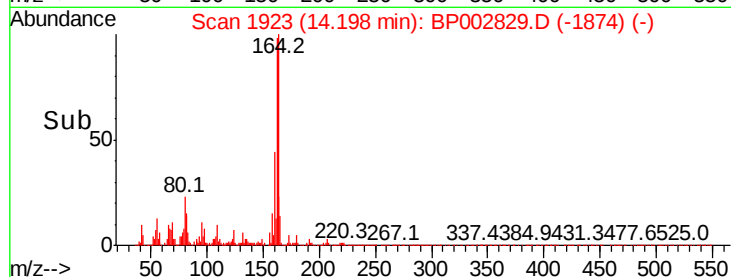
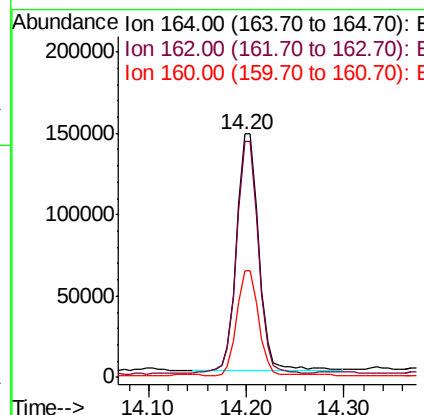
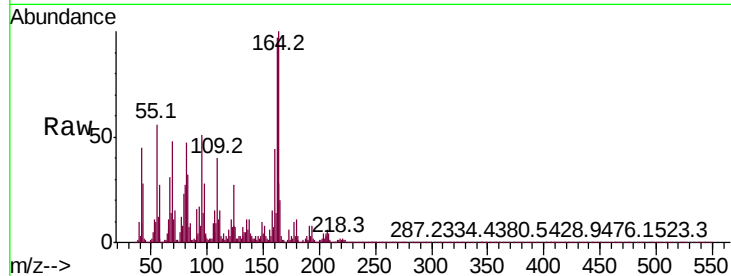
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampleId :
RBR-59

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	80.6	121.0
160	43.9	36.4	54.6

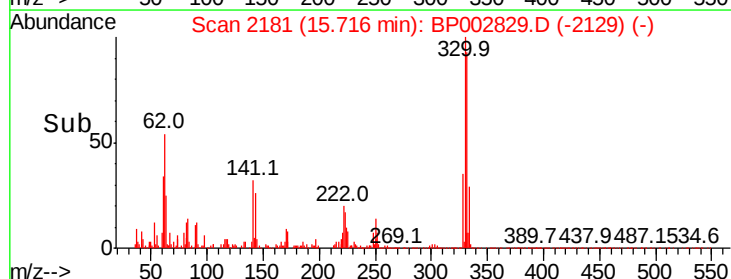
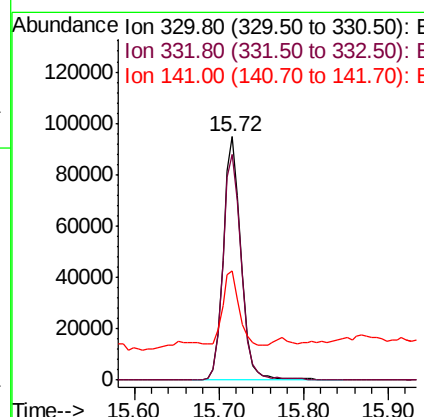
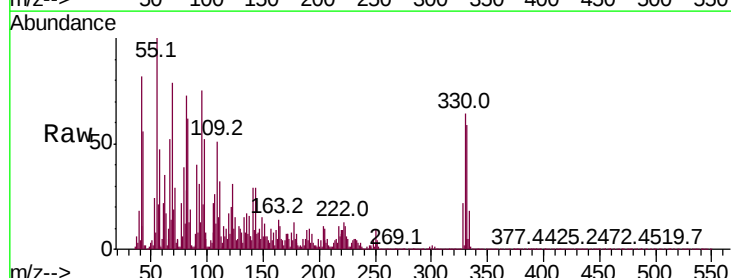
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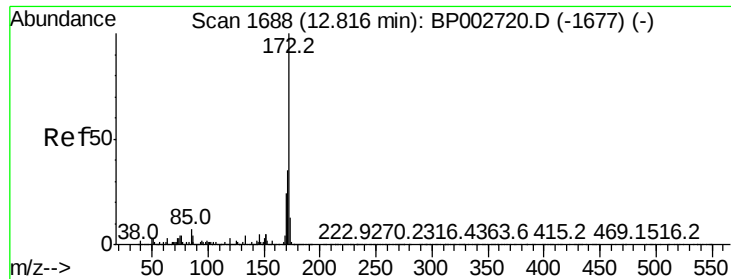
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#42
2,4,6-Tribromophenol
Concen: 57.805 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.5	114.7
141	28.8	28.8	43.2#





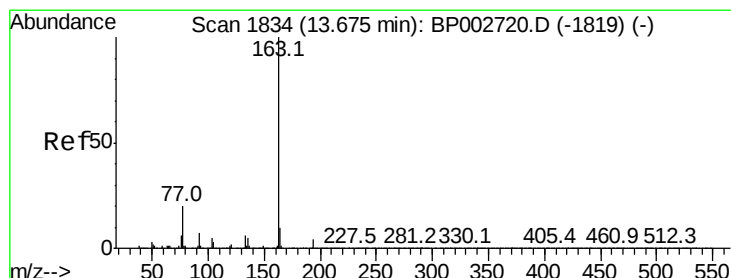
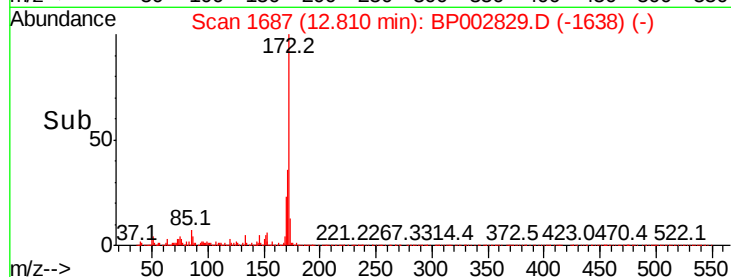
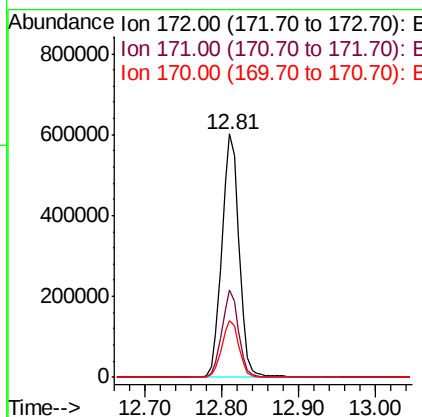
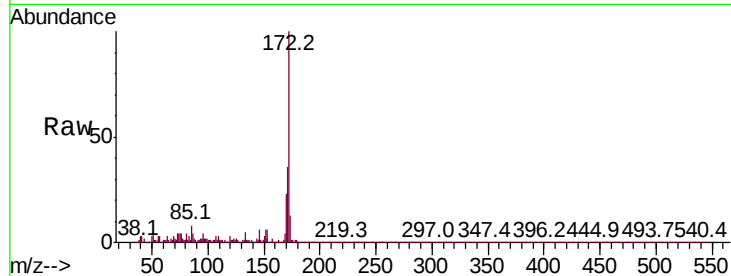
#45
2-Fluorobiphenyl
Concen: 62.869 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampleId :
RBR-59

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.1	42.1
170	23.4	19.3	28.9

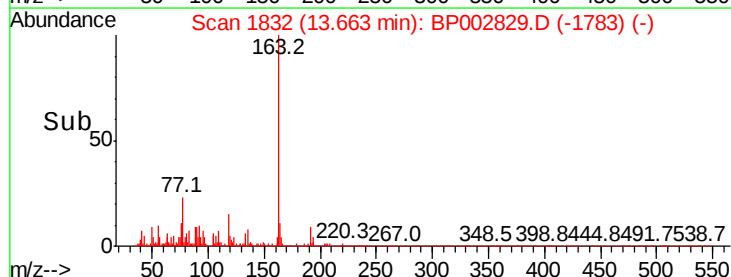
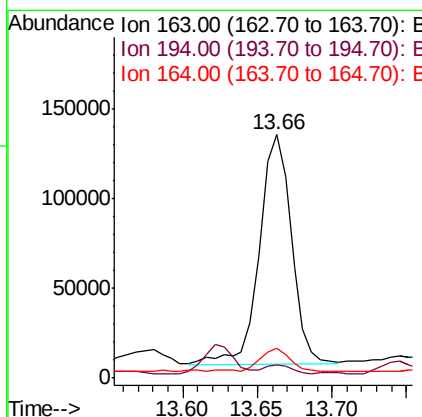
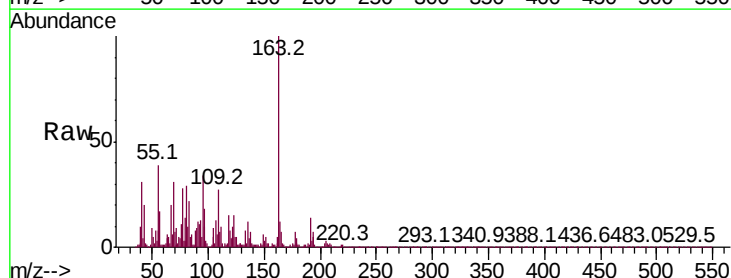
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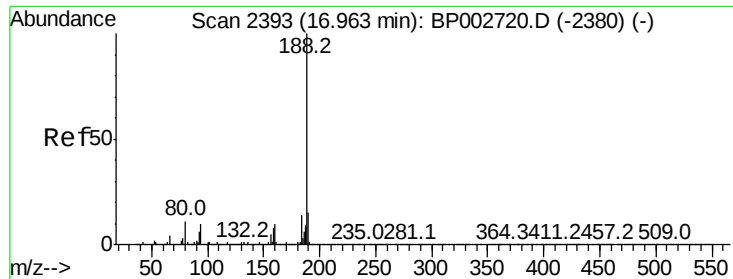
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#50
Dimethylphthalate
Concen: 10.819 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	12.3	7.8	11.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA_P

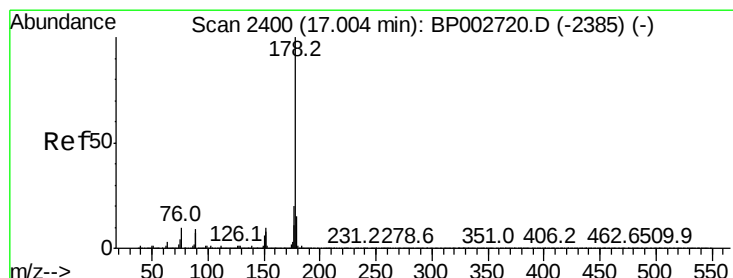
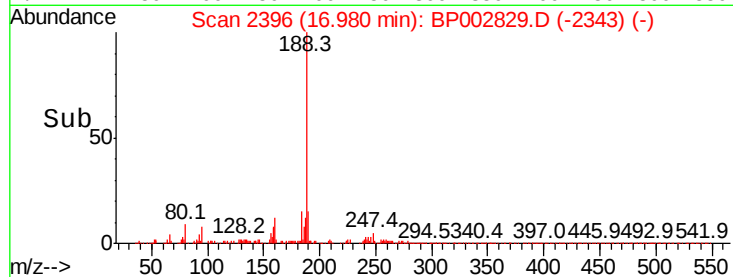
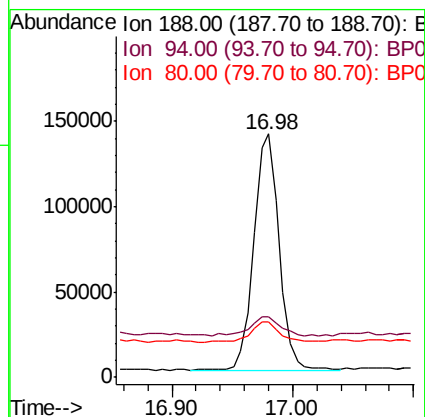
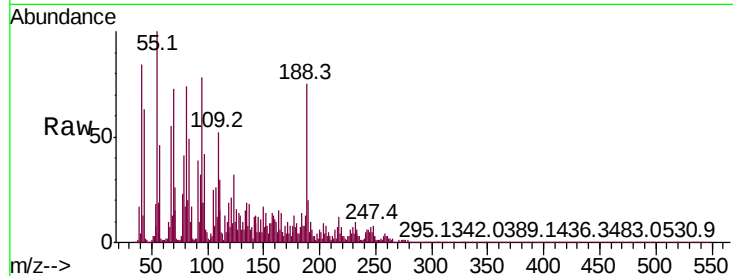
ClientSampleId :

RBR-59

Tot Ion:	188	Resp:	200553
Ion Ratio	Lower	Upper	
188	100		
94	24.9	8.1	12.1#
80	22.6	8.9	13.3#

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#71

Phenanthrene

Concen: 5.205 ng

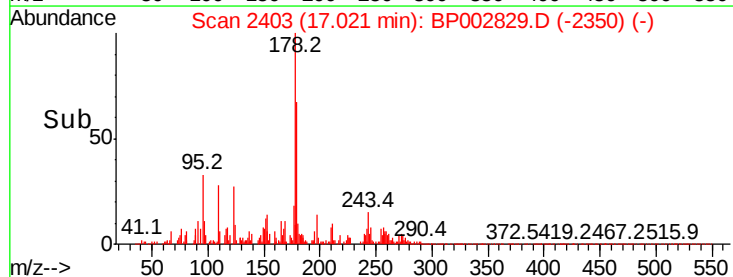
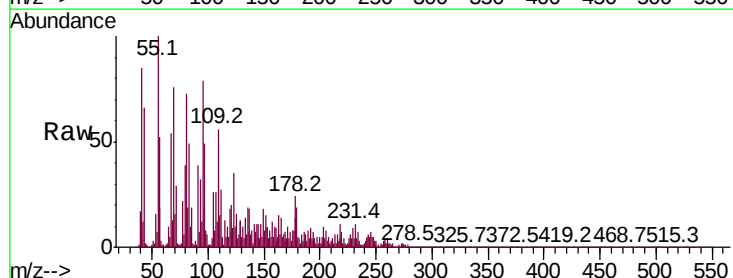
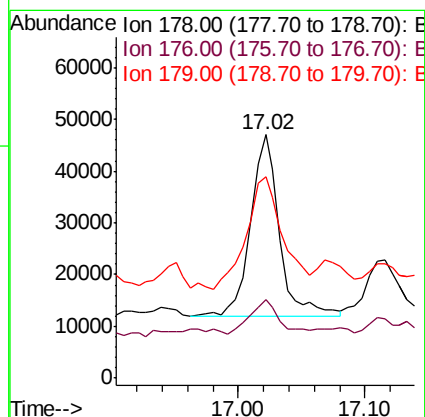
RT: 17.02 min Scan# 2403

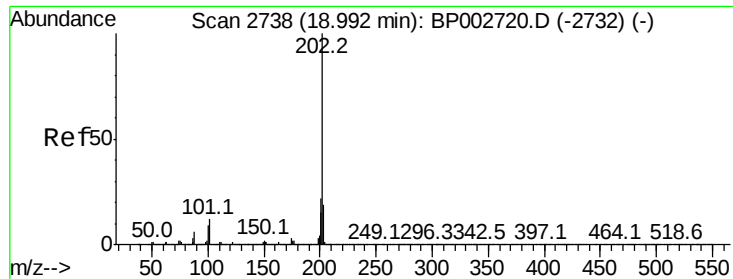
Delta R.T. 0.01 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Tgt Ion:	178	Resp:	56519
Ion Ratio	Lower	Upper	
178	100		
176	32.3	15.9	23.9#
179	82.6	12.3	18.5#





#75

Fluoranthene

Concen: 7.263 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.03 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Instrument :

BNA_P

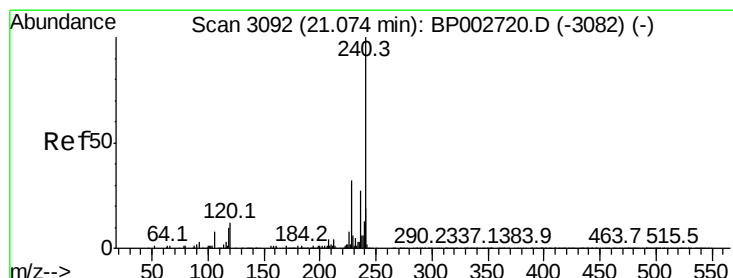
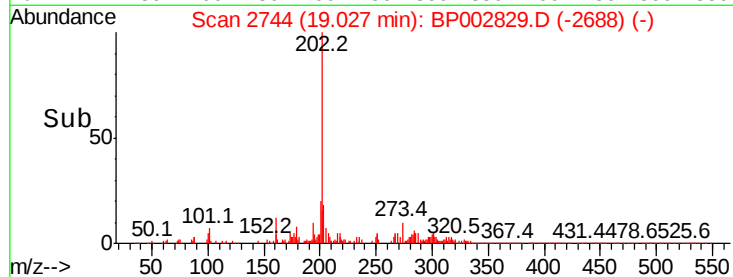
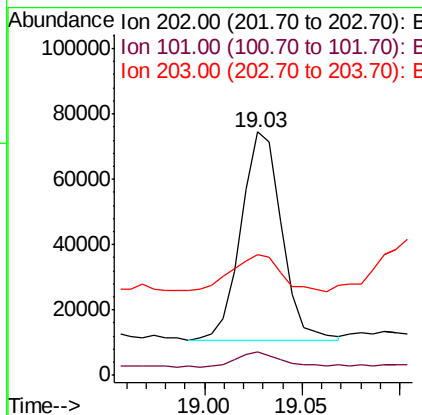
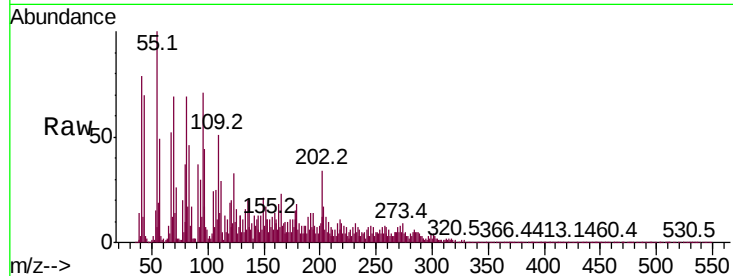
ClientSampled :

RBR-59

Tot Ion:	202	Resp:	91387
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	32.5
203	49.7	0.0	38.6#

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

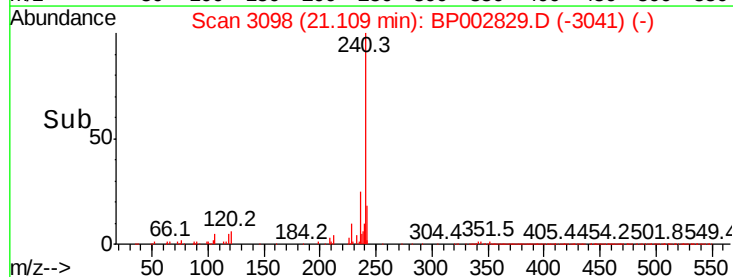
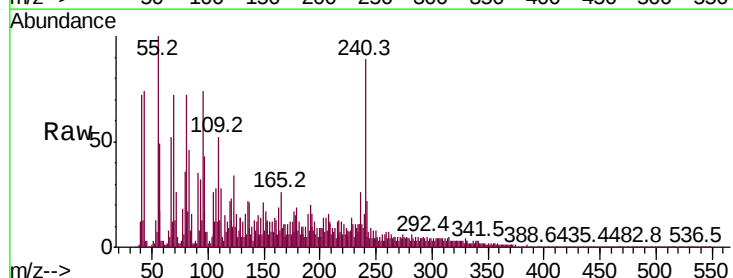
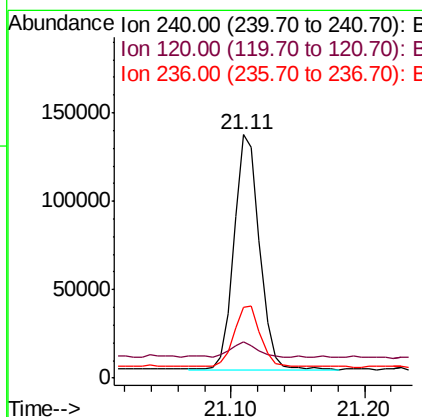
RT: 21.11 min Scan# 3098

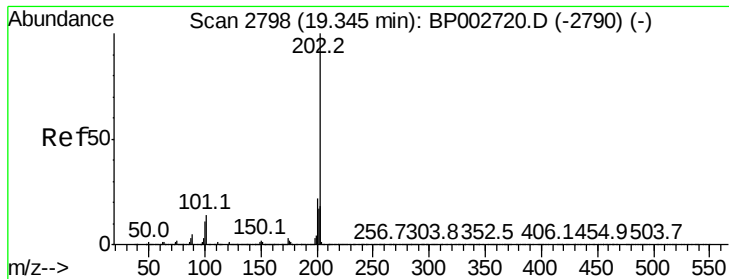
Delta R.T. 0.04 min

Lab File: BP002829.D

Acq: 22 Jul 2020 17:32

Tgt Ion:	240	Resp:	175652
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.4	14.2#
236	29.2	21.3	31.9





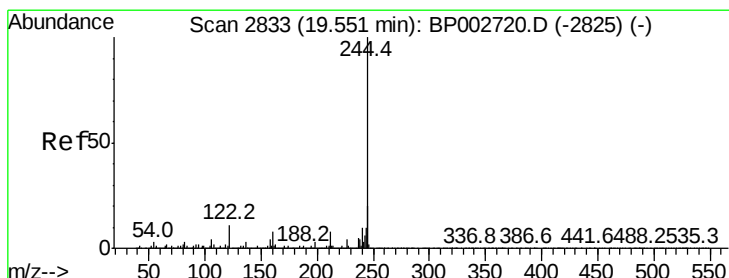
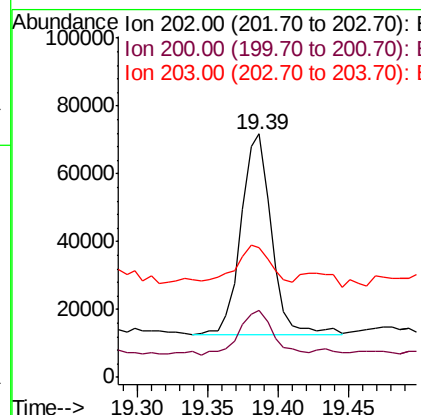
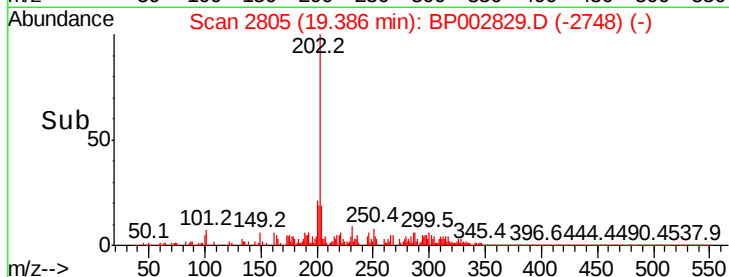
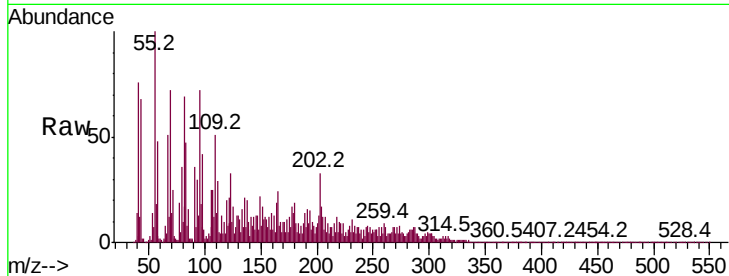
#78
Pvrene
Concen: 7.252 ng
RT: 19.39 min Scan# 2805
Delta R.T. 0.04 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampled :
RBR-59

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	27.5	17.7	26.5#
203	53.1	14.5	21.7#

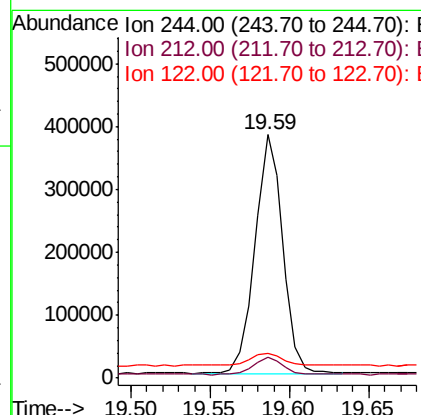
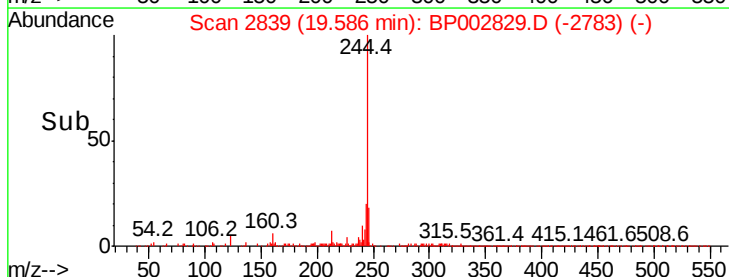
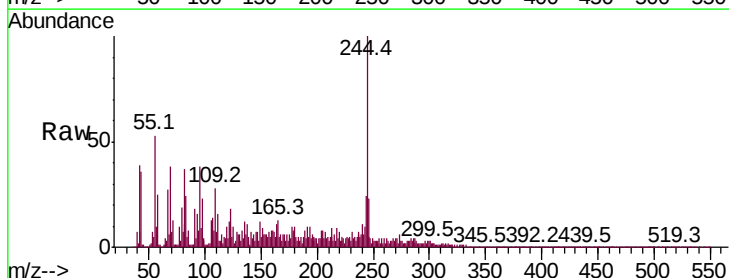
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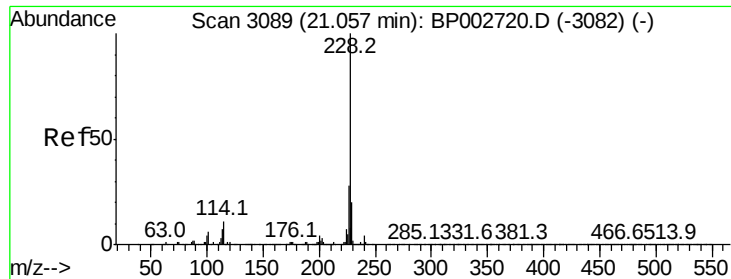
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#79
Terphenyl-d14
Concen: 59.914 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.03 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	6.0	9.0
122	10.2	8.9	13.3





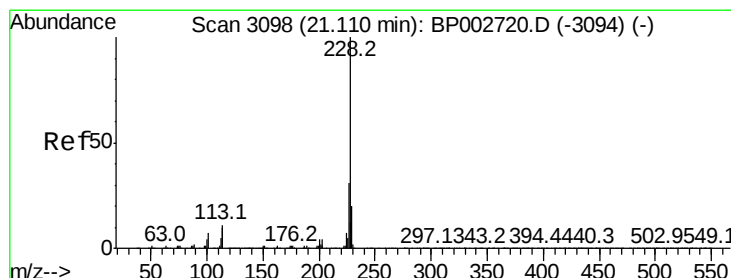
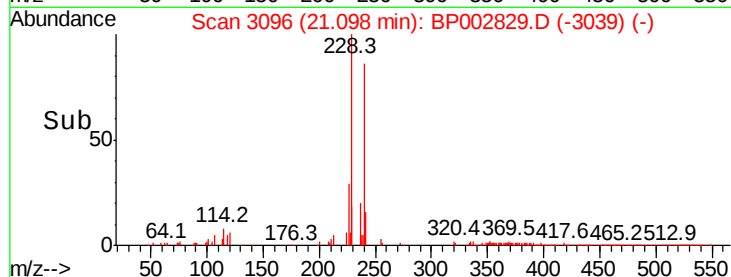
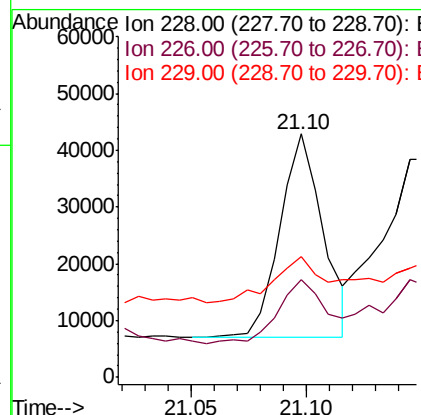
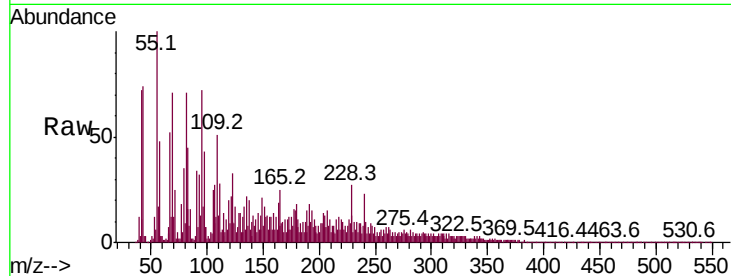
#81
Benzo(a)anthracene
Concen: 4.094 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.04 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampled :
RBR-59

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.9	22.6	34.0#
229	49.8	16.0	24.0#

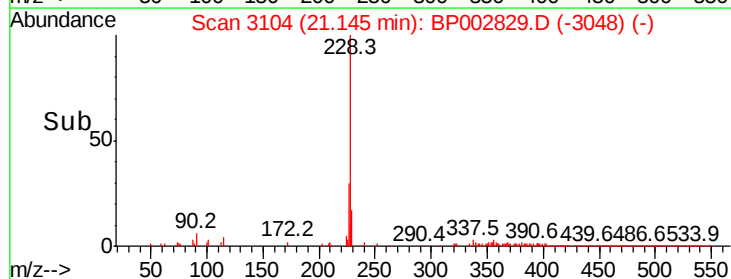
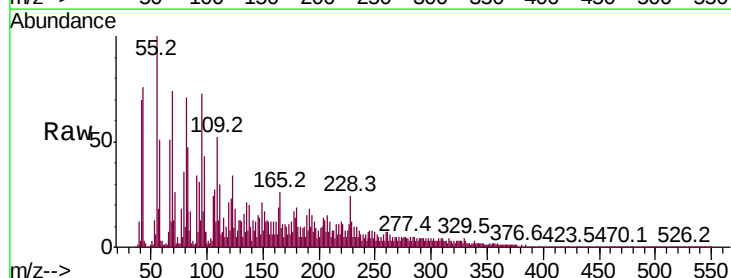
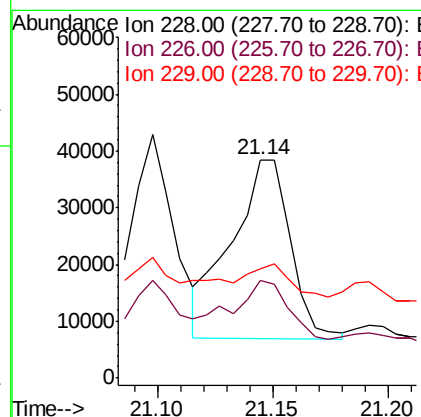
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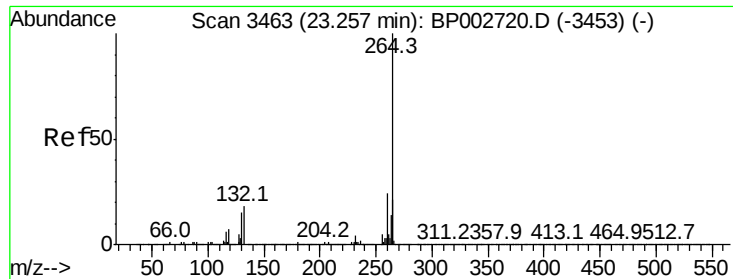
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#83
Chrysene
Concen: 5.231 ng
RT: 21.14 min Scan# 3104
Delta R.T. 0.03 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.5	24.6	37.0#
229	50.3	15.7	23.5#





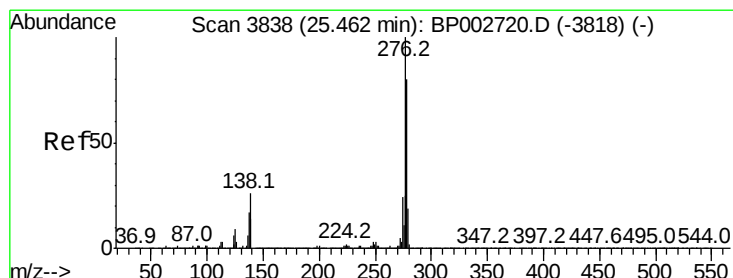
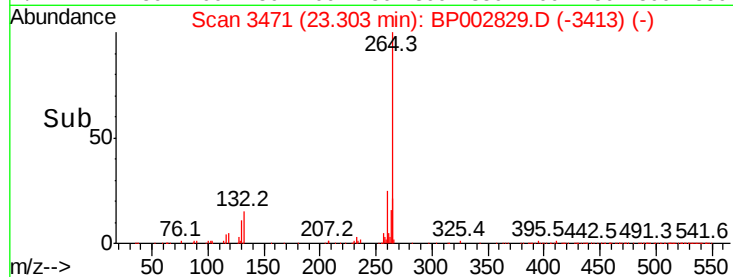
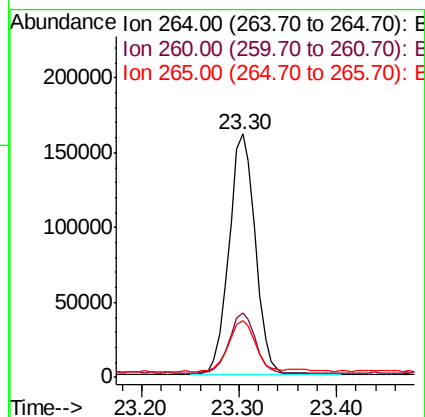
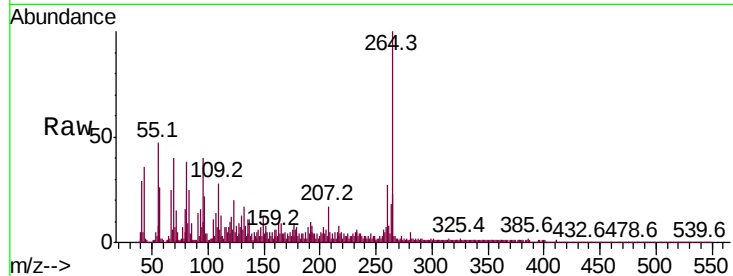
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.04 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampled :
RBR-59

Tot Ion:	264	Resp:	298462
Ion Ratio	Lower	Upper	
264	100		
260	26.6	19.3	28.9
265	23.4	16.8	25.2

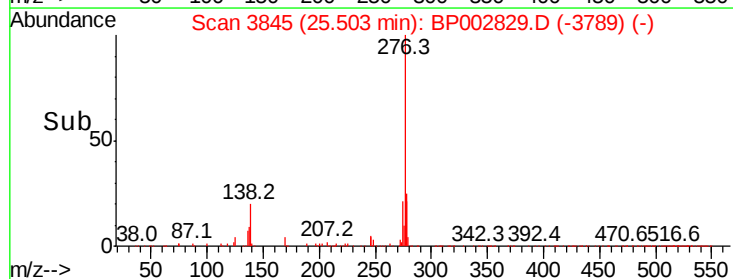
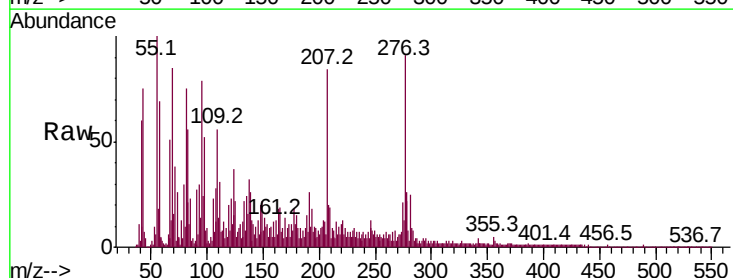
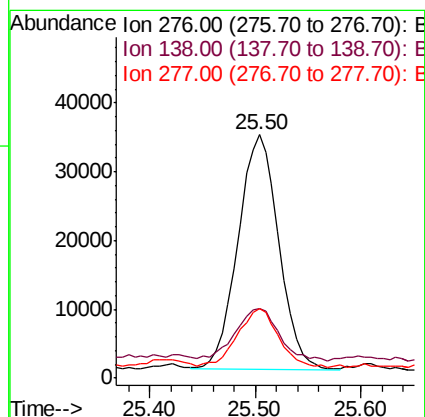
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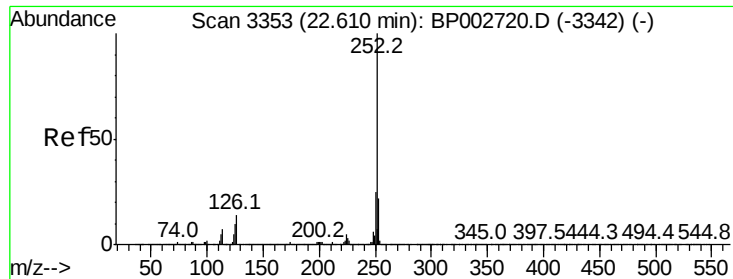
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.217 ng
RT: 25.50 min Scan# 3845
Delta R.T. 0.03 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion:	276	Resp:	90969
Ion Ratio	Lower	Upper	
276	100		
138	24.5	20.8	31.2
277	24.7	20.0	30.0





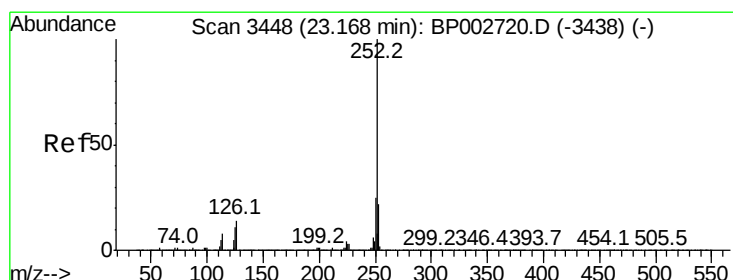
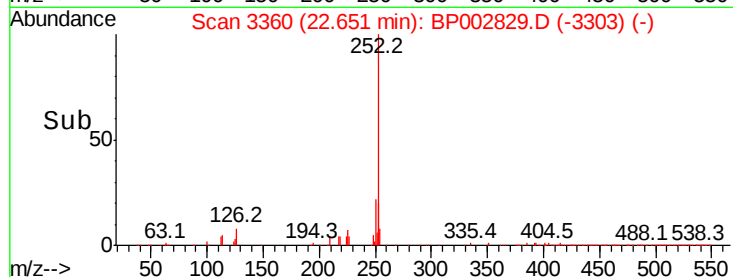
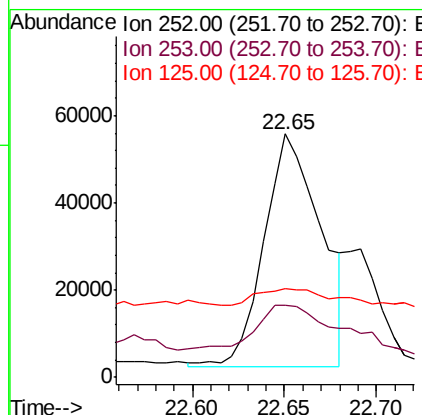
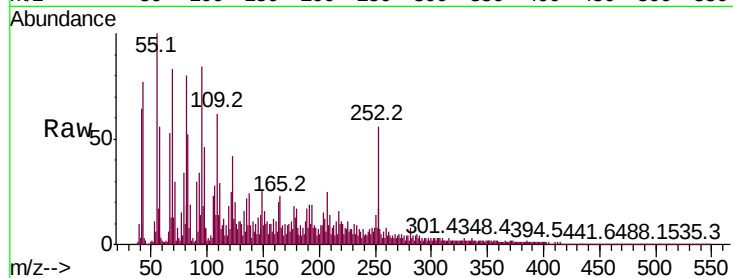
#88
Benzo(b)fluoranthene
Concen: 6.199 ng m
RT: 22.65 min Scan# 3360
Delta R.T. 0.04 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Instrument :
BNA_P
ClientSampled :
RBR-59

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.7	26.5#
125	36.3	8.2	12.2#

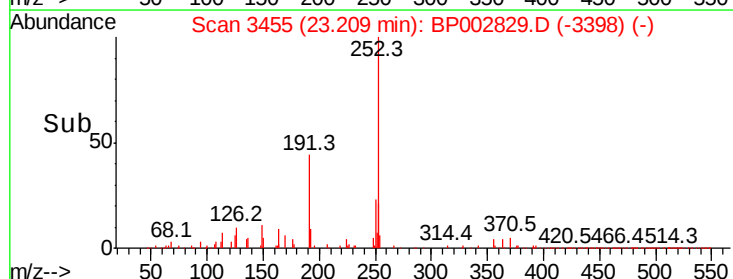
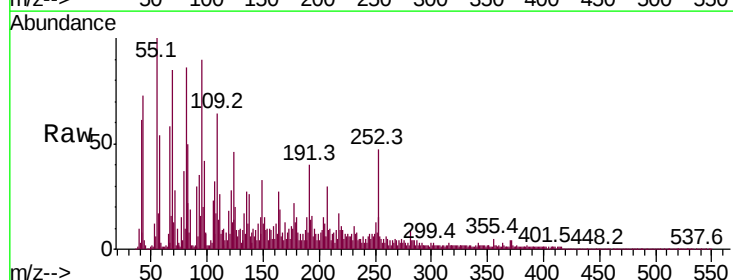
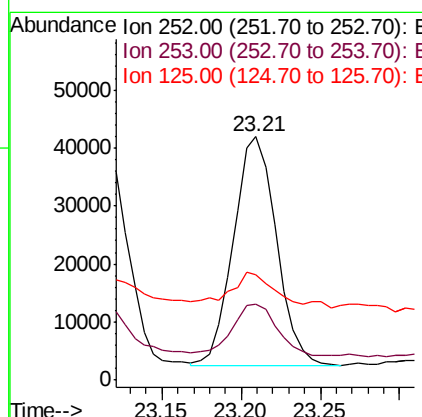
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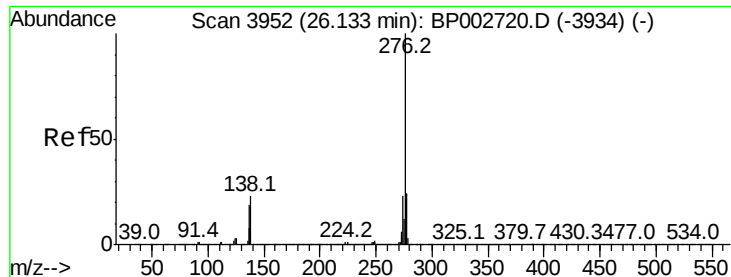
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#90
Benzo(a)pyrene
Concen: 4.252 ng
RT: 23.21 min Scan# 3455
Delta R.T. 0.04 min
Lab File: BP002829.D
Acq: 22 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.6	26.4#
125	43.3	8.6	13.0#





#92
 Benzo(a,h,i)perylene
 Concen: 5.275 ng
 RT: 26.17 min Scan# 3959
 Delta R.T. 0.03 min
 Lab File: BP002829.D
 Acq: 22 Jul 2020 17:32

Instrument :
 BNA_P
 ClientSampleId :
 RBR-59

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.1	28.7
138	31.5	18.3	27.5

Manual Integrations
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