

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000859.D
 Acq On : 18 Oct 2019 01:04
 Operator : JU
 Sample : K5401-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221

Manual Integrations
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mohammad
 10/20/2019 8:16:38 PM

Quant Time: Oct 18 07:34:37 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	187232	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	668642	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	368445	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	678063	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	587279	20.00	ng	-0.01
87) Perylene-d12	15.45	264	653937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	955454	82.03	ng	-0.02
7) Phenol-d6	6.39	99	1192618	84.97	ng	-0.02
23) Nitrobenzene-d5	7.31	82	663351	60.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	360939	91.93	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1306692	57.38	ng	-0.02
79) Terphenyl-d14	12.90	244	1575504	54.32	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.51	163	220501	8.613	ng	99
75) Fluoranthene	12.52	202	182734	4.778	ng	99
78) Pyrene	12.75	202	164763	4.068	ng	99
88) Benzo(b)fluoranthene	15.02	252	74567m	2.010	ng	

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

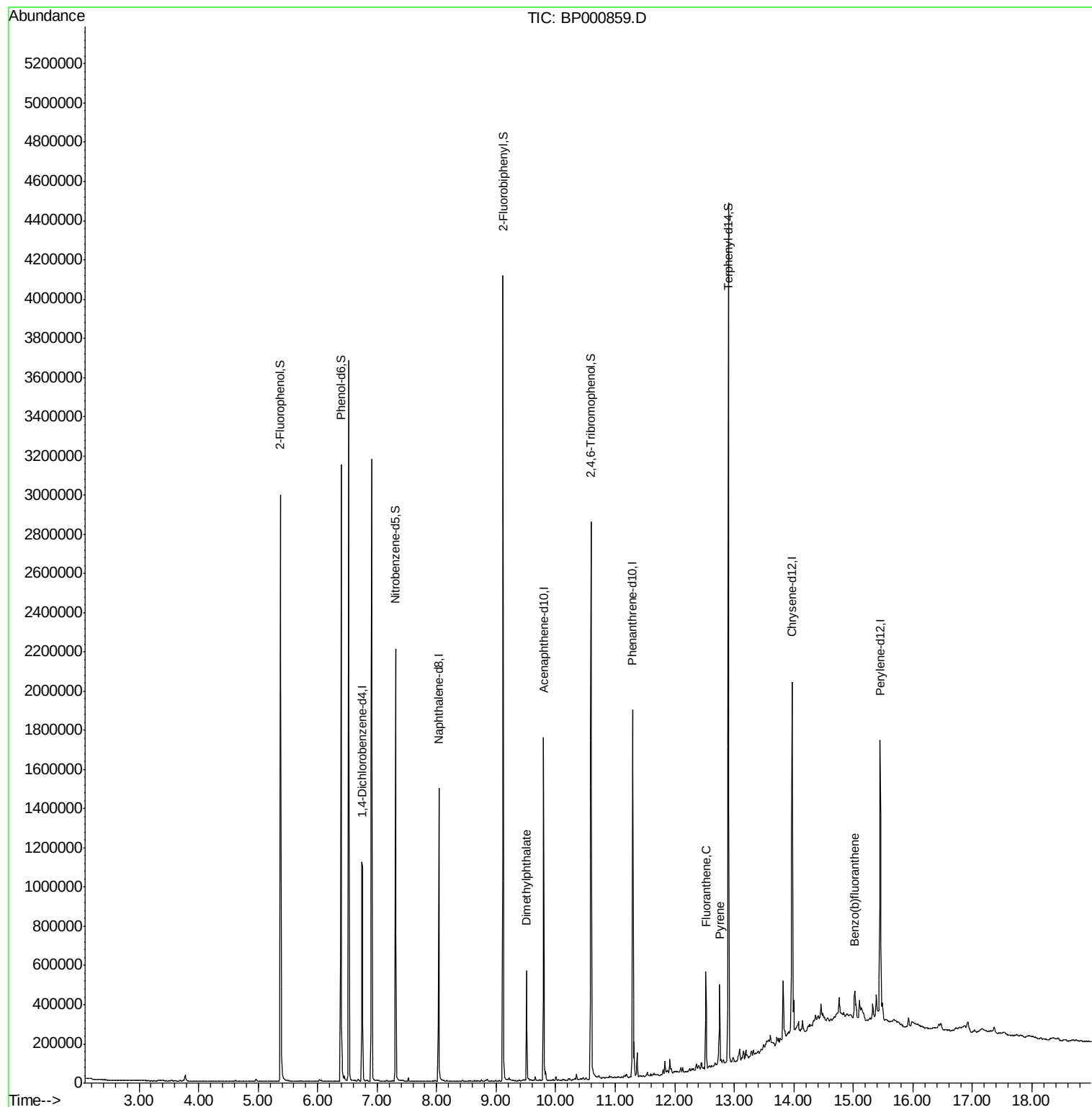
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000859.D
Acq On : 18 Oct 2019 01:04
Operator : JU
Sample : K5401-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

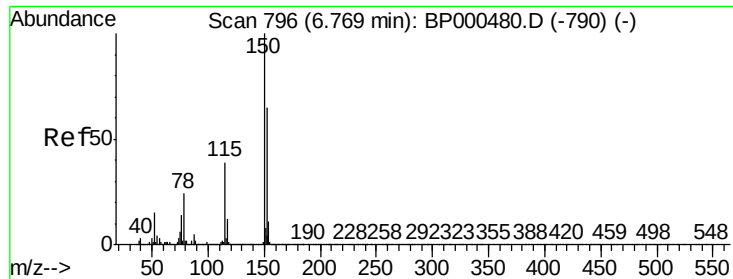
Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

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Quant Time: Oct 18 07:34:37 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





#1

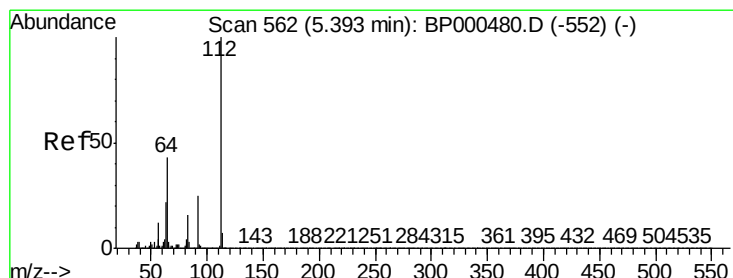
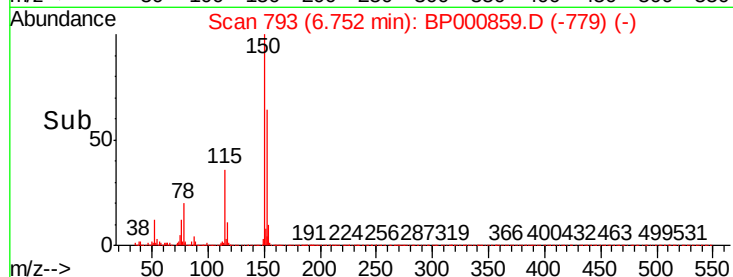
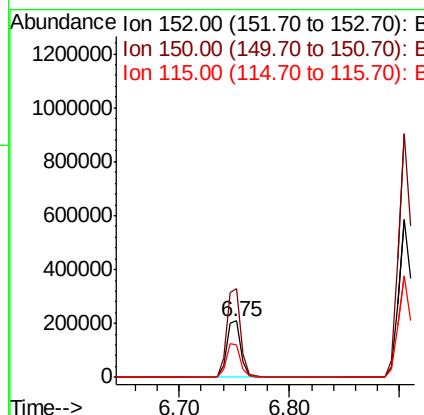
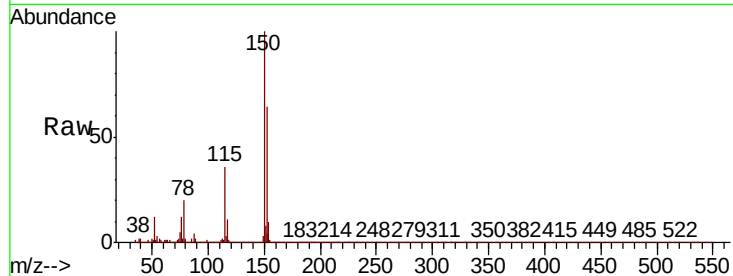
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.1	186.1
115	56.2	48.7	73.1

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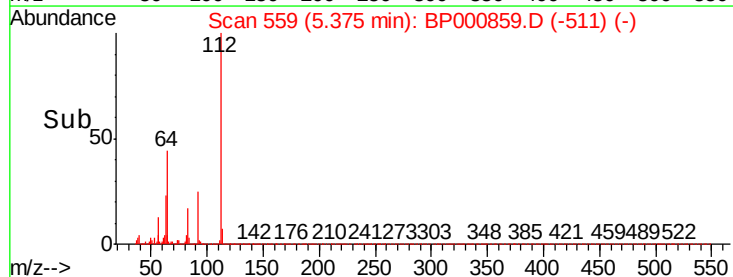
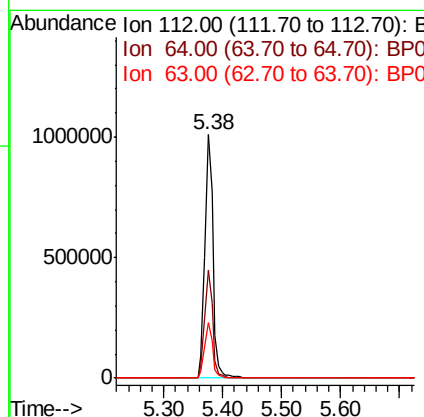
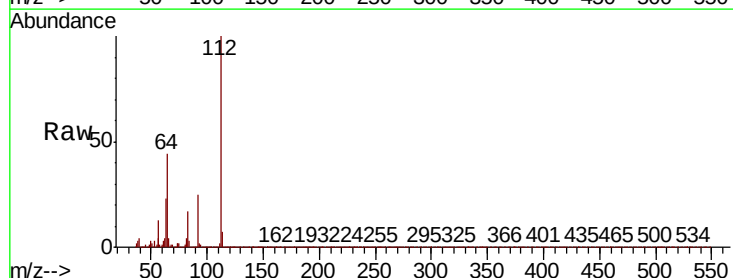
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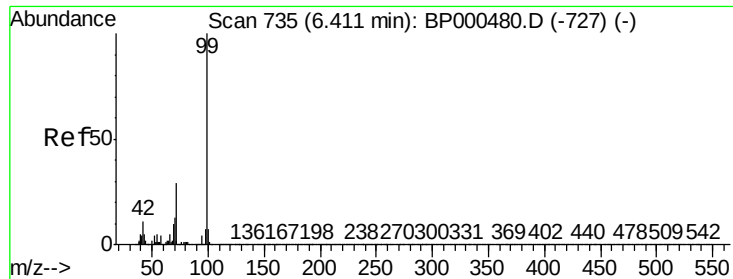


#5

2-Fluorophenol
Concen: 82.029 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	34.2	51.4
63	22.7	17.9	26.9





#7

Phenol-d6

Concen: 84.968 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000859.D

Acq: 18 Oct 2019 01:04

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221

Tot Ion: 99 Resp: 1192618

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

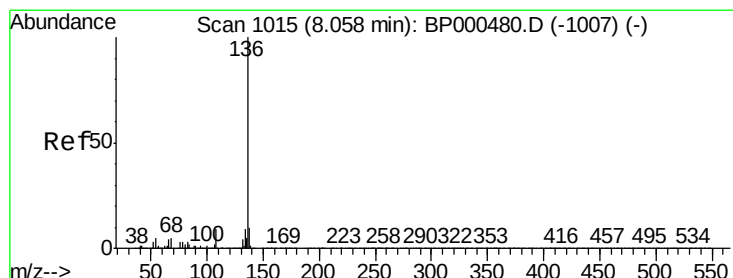
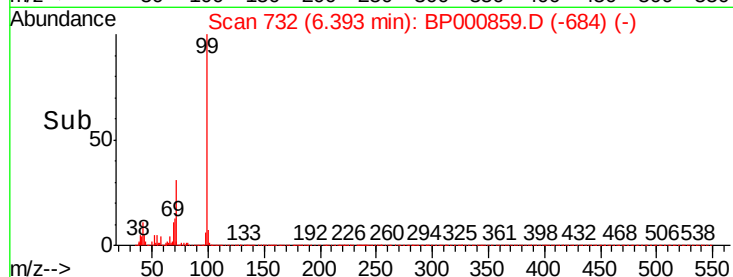
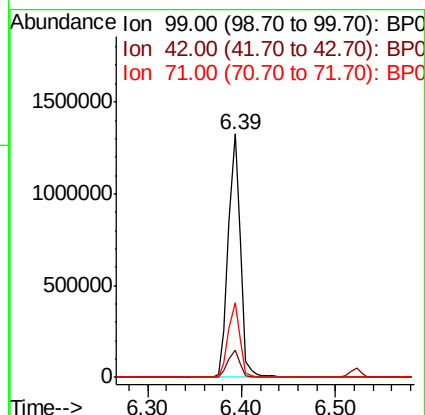
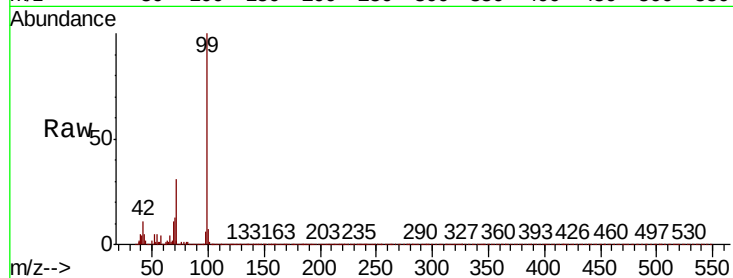
71 30.9 23.0 34.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000859.D

Acq: 18 Oct 2019 01:04

Tgt Ion: 136 Resp: 668642

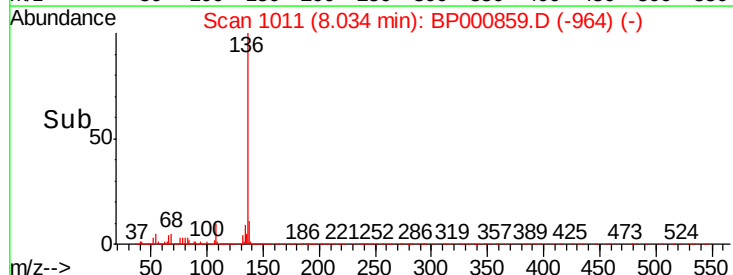
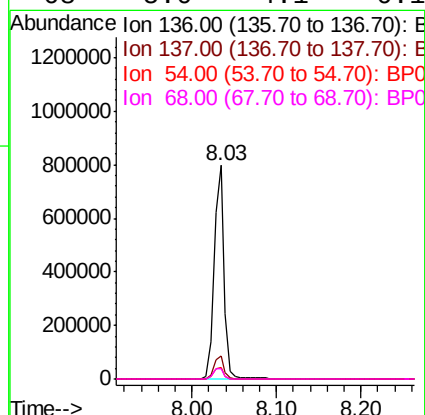
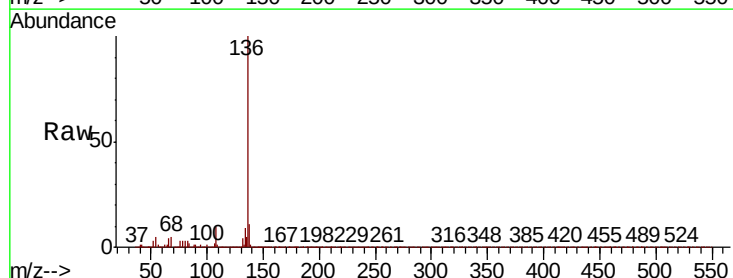
Ion Ratio Lower Upper

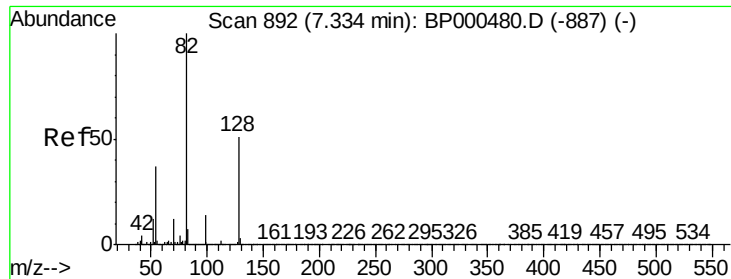
136 100

137 10.8 8.2 12.4

54 5.1 4.1 6.1

68 5.0 4.1 6.1





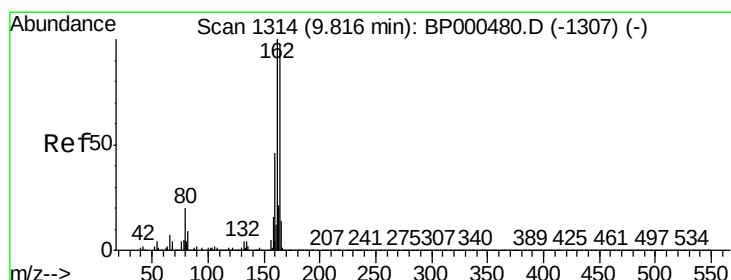
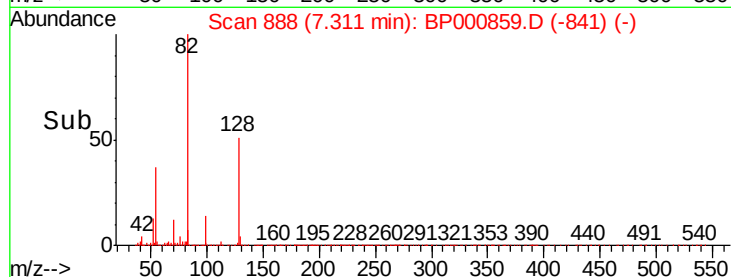
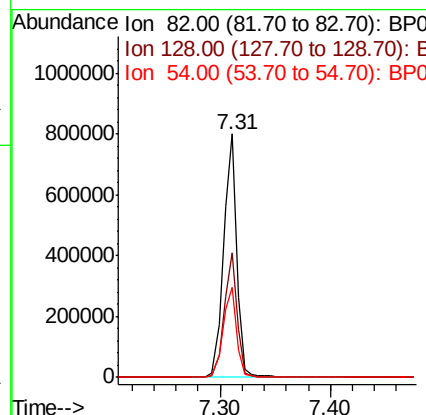
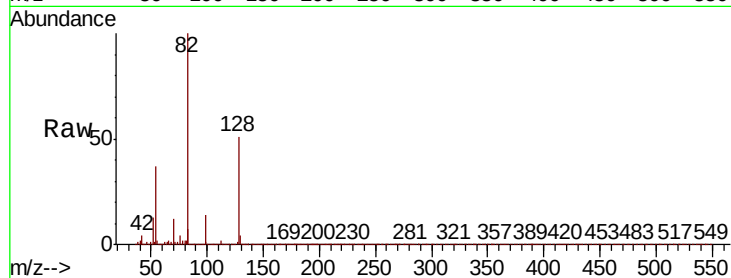
#23
 Nitrobenzene-d5
 Concen: 60.592 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000859.D
 Acq: 18 Oct 2019 01:04

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	40.9	61.3
54	37.1	29.4	44.2

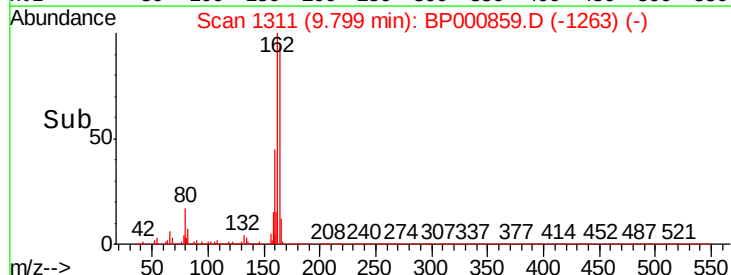
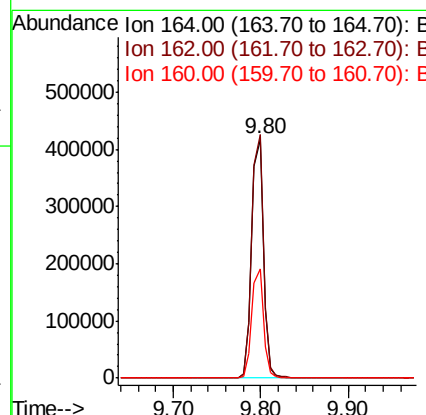
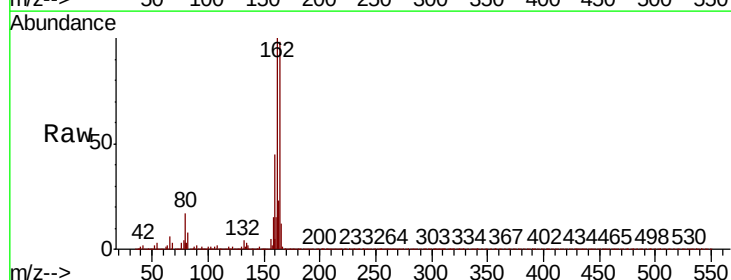
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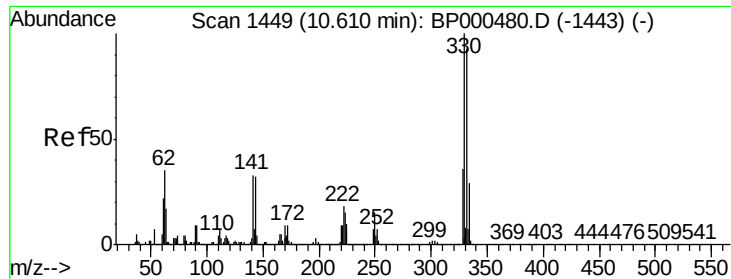
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000859.D
 Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	45.6	37.6	56.4





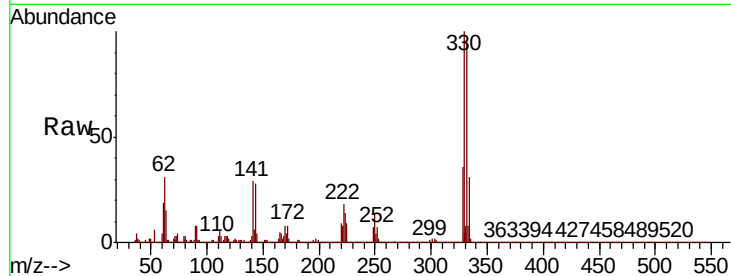
#42
2,4,6-Tribromophenol
Concen: 91.930 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

Tot Ion	Ratio	Resp	Lower	Upper
330	100	360939		
332	97.0		77.1	115.7
141	30.0		26.0	39.0

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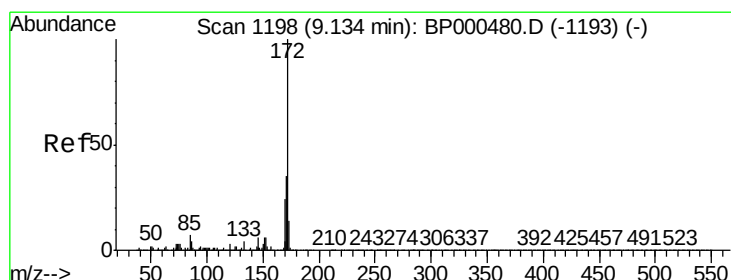
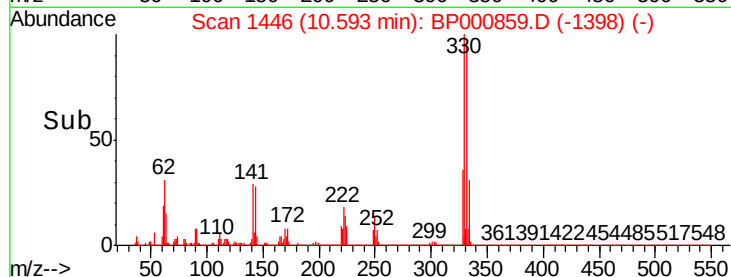
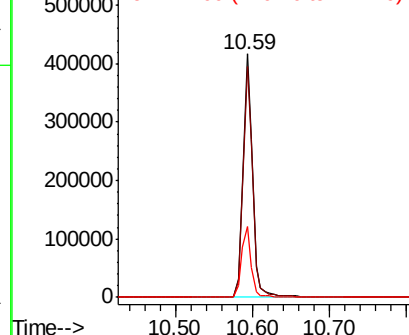


Abundance

Ion 329.80 (329.50 to 330.50): E

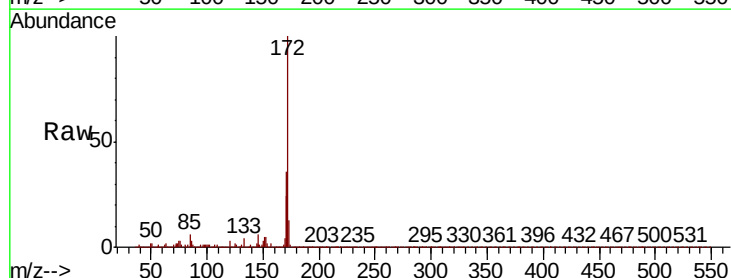
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 57.382 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1306692		
171	35.7		28.4	42.6
170	23.7		19.1	28.7

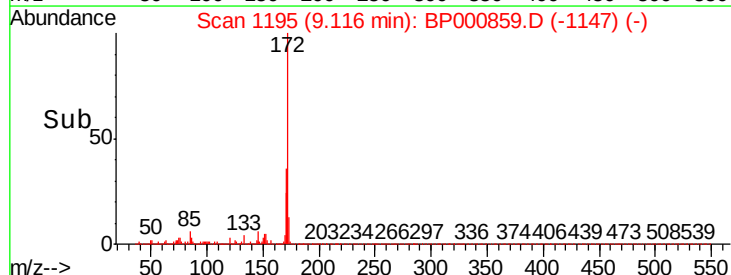
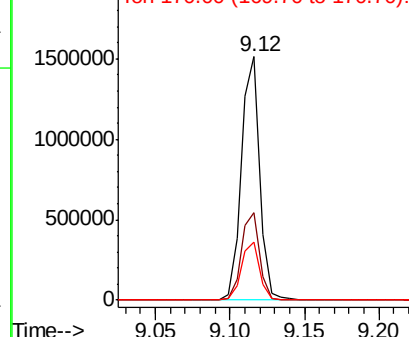


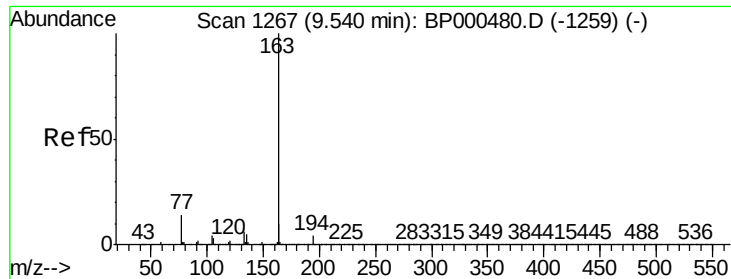
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





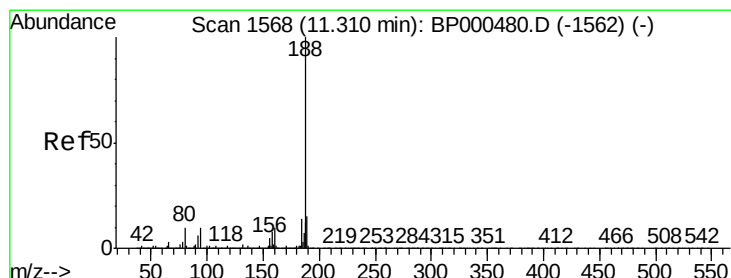
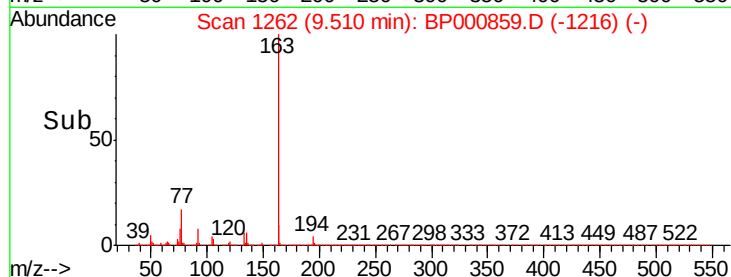
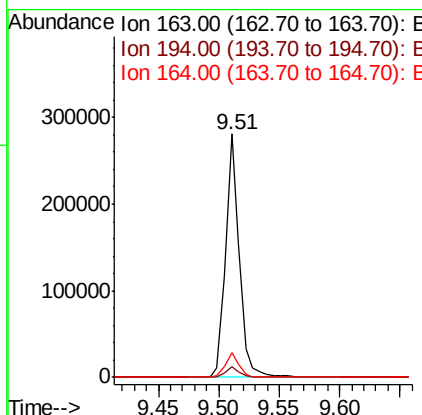
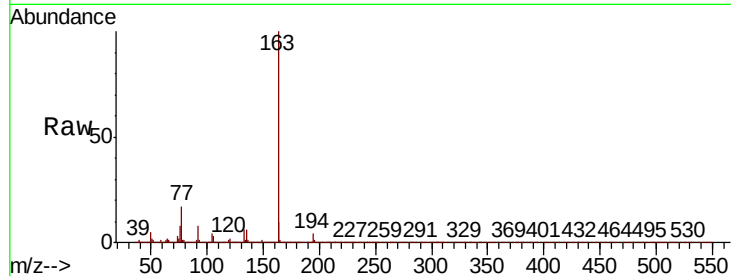
#50
Dimethylphthalate
Concen: 8.613 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

Tot Ion	Ratio	Resp	Lower	Upper
163	100	220501		
194	4.3		3.4	5.2
164	10.3		8.0	12.0

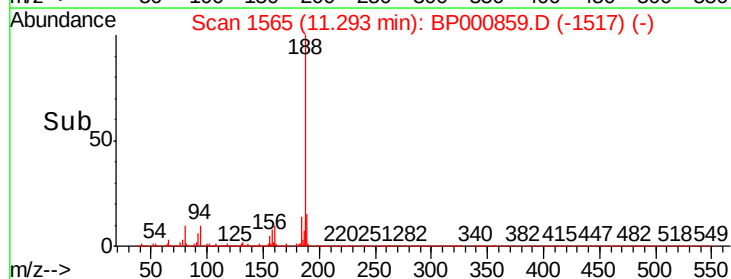
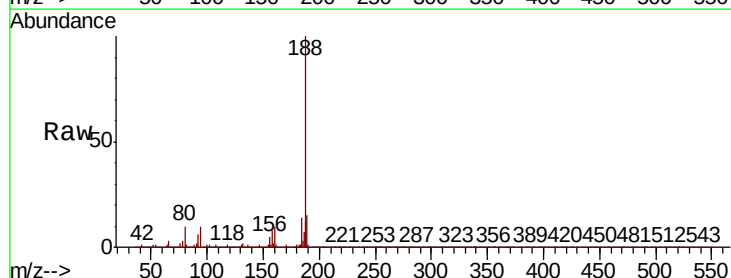
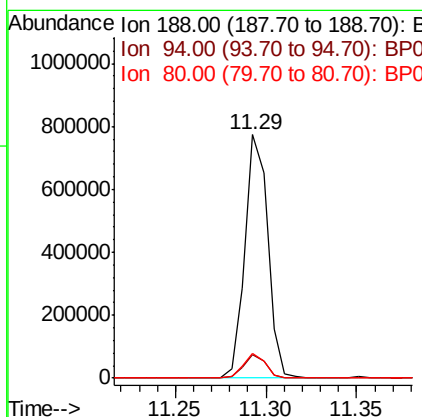
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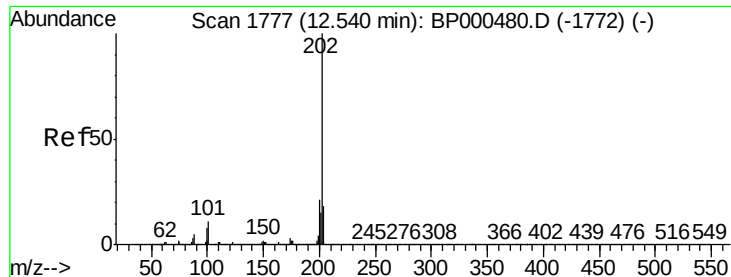
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	678063		
94	9.6		8.2	12.2
80	10.2		8.3	12.5





#75

Fluoranthene

Concen: 4.778 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000859.D

Acq: 18 Oct 2019 01:04

Instrument :

BNA_P

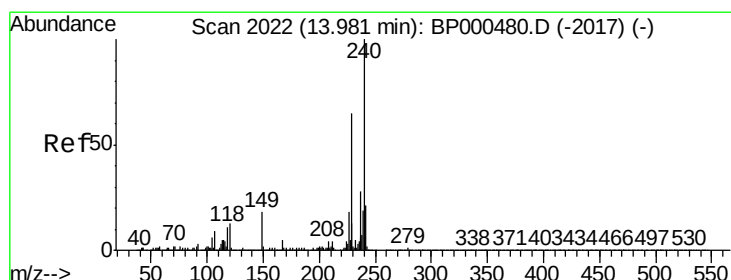
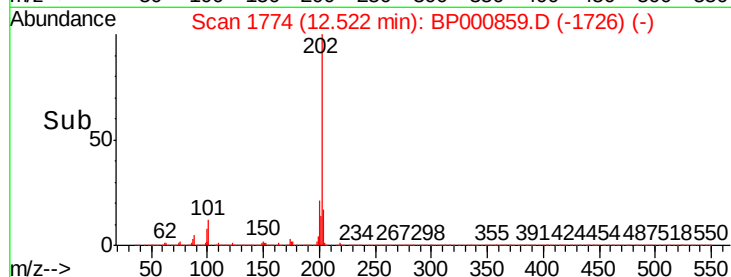
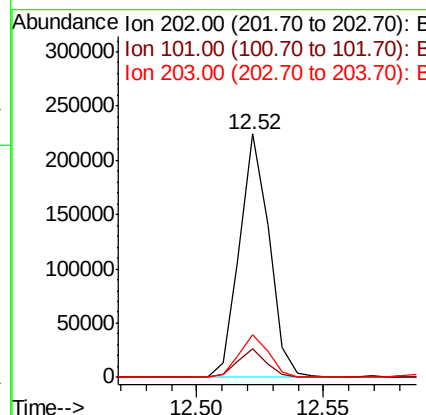
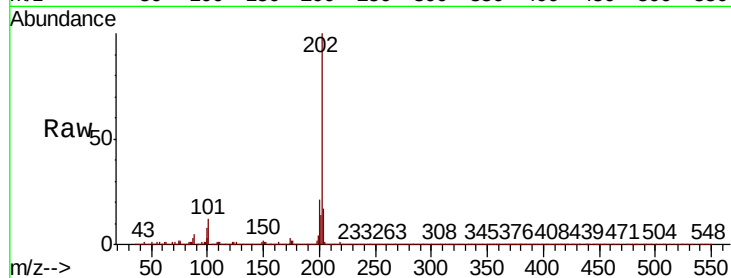
ClientSampleId :

RBR200031-RT4221

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		182734		
101	11.7	0.0	31.3		
203	17.5	0.0	38.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

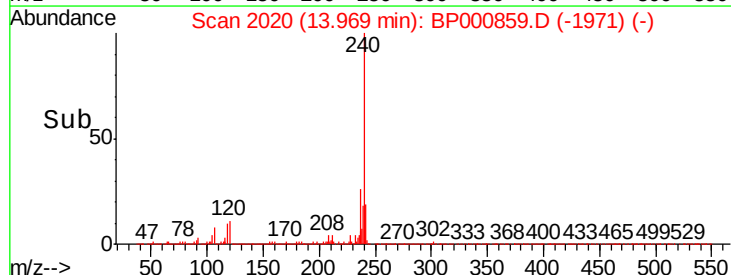
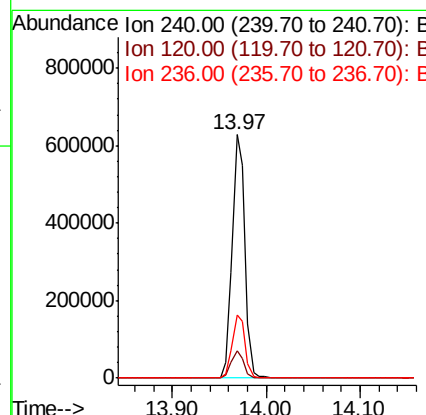
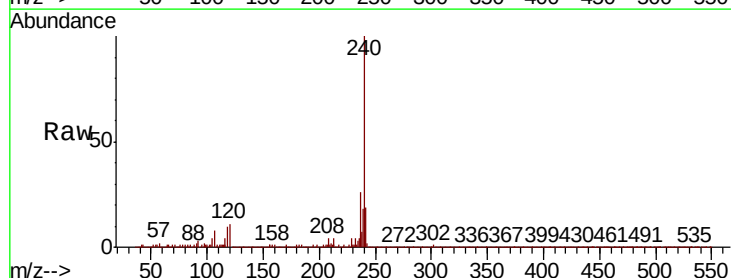
RT: 13.97 min Scan# 2020

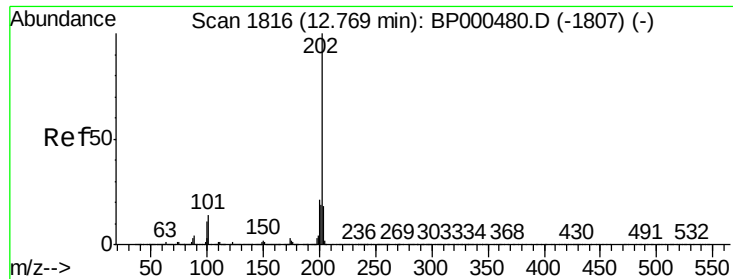
Delta R.T. -0.01 min

Lab File: BP000859.D

Acq: 18 Oct 2019 01:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		587279		
120	11.4	10.1	15.1		
236	26.1	22.7	34.1		





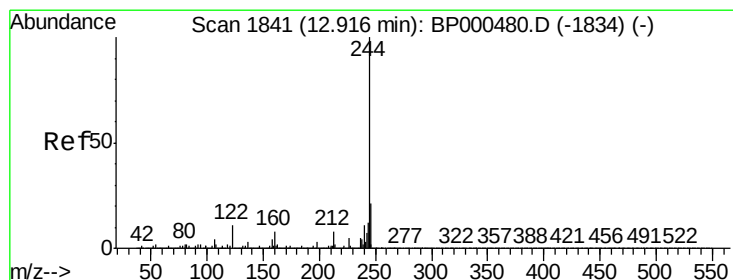
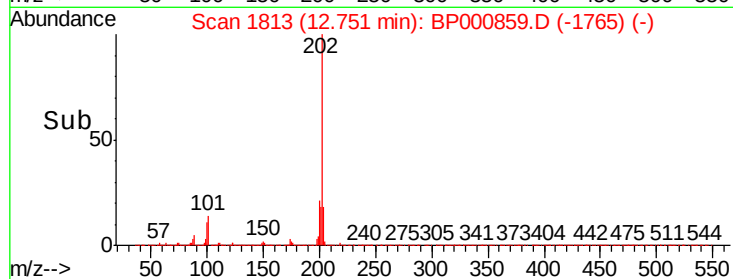
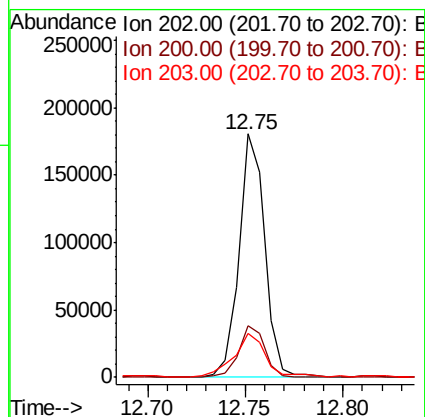
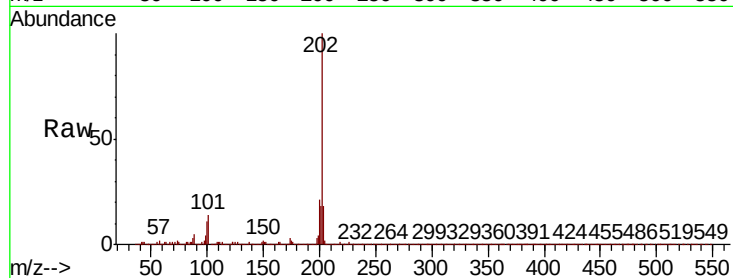
#78
Pvrene
Concen: 4.068 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	18.0	14.6	21.8

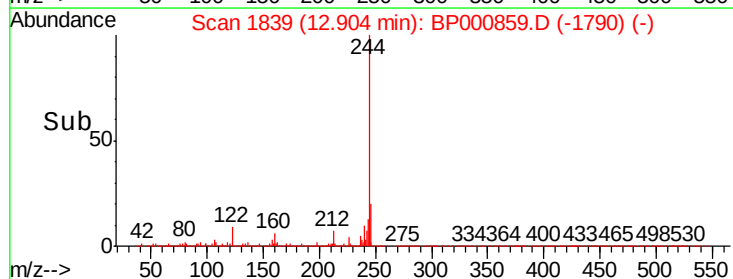
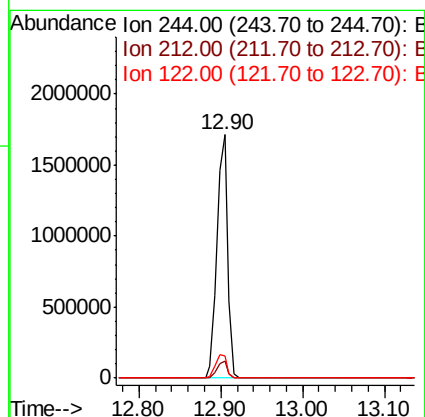
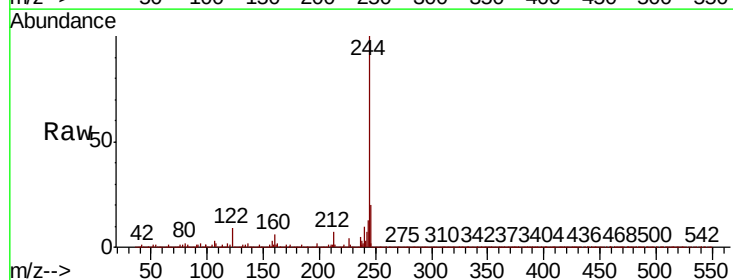
Manual Integrations
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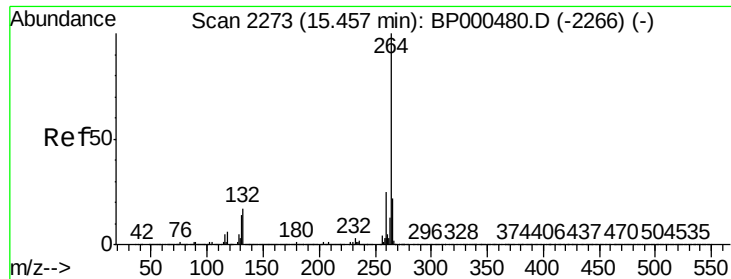
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#79
Terphenyl-d14
Concen: 54.318 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.3	8.9	13.3





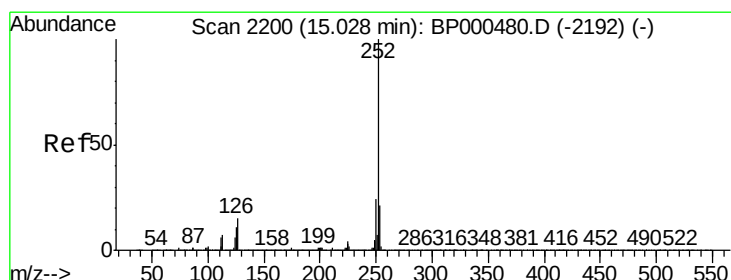
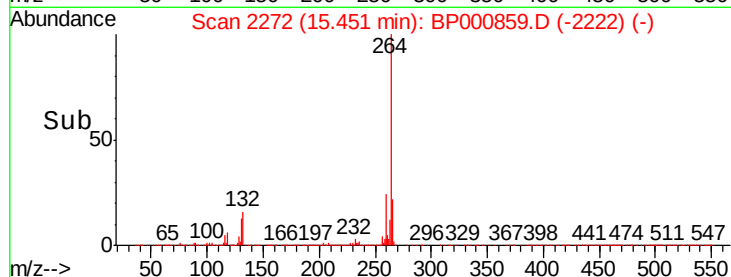
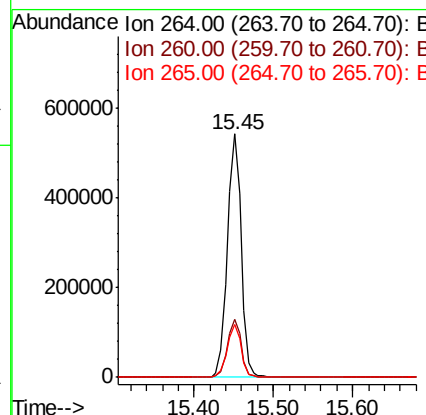
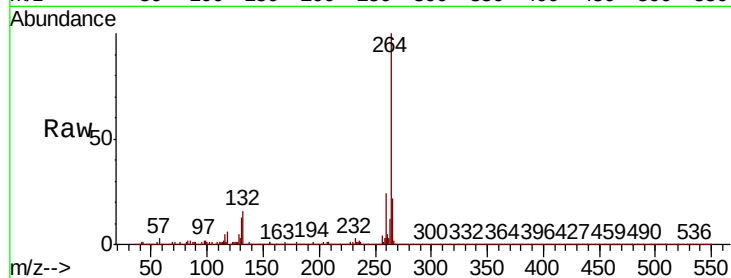
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	22.0	18.0	27.0

Manual Integrations
APPROVED

mohammad
10/20/2019 8:16:38 PM



#88
Benzo(b)fluoranthene
Concen: 2.010 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000859.D
Acq: 18 Oct 2019 01:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	14.1	8.9	13.3

