

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002465.D
 Acq On : 19 Jun 2020 18:51
 Operator : CG/JU
 Sample : L3052-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IWS

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jun 20 02:42:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	208513	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	869779	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	536375	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1163008	20.00	ng	0.00
76) Chrysene-d12	21.09	240	906309	20.00	ng	-0.02
86) Perylene-d12	23.29	264	810997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	983996	87.32	ng	0.00
7) Phenol-d6	6.78	99	1374145	91.59	ng	0.00
23) Nitrobenzene-d5	8.73	82	944378	64.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	511811	99.66	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1965509	61.61	ng	0.00
79) Terphenyl-d14	19.58	244	2814110	77.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	257703	7.012	ng	99
71) Phenanthrene	17.03	178	129114	2.373	ng	99
75) Fluoranthene	19.02	202	278992	4.296	ng	98
78) Pyrene	19.37	202	287728	5.183	ng	98
81) Benzo(a)anthracene	21.08	228	118778	2.296	ng	95
83) Chrysene	21.13	228	138805	2.832	ng	96
88) Benzo(b)fluoranthene	22.63	252	146695m	3.354	ng	
90) Benzo(a)pyrene	23.19	252	88340	2.155	ng	# 96

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

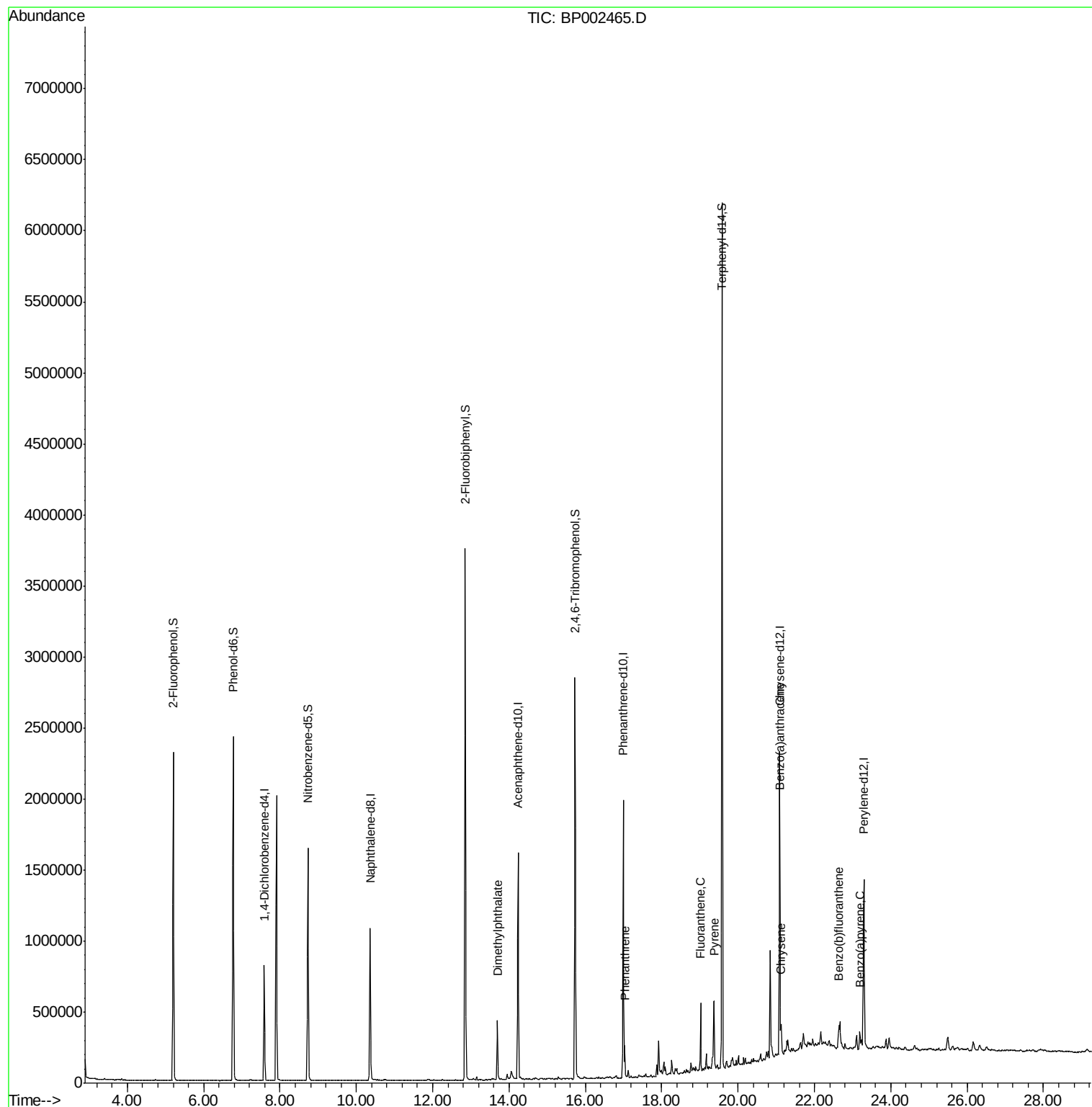
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002465.D
Acq On : 19 Jun 2020 18:51
Operator : CG/JU
Sample : L3052-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

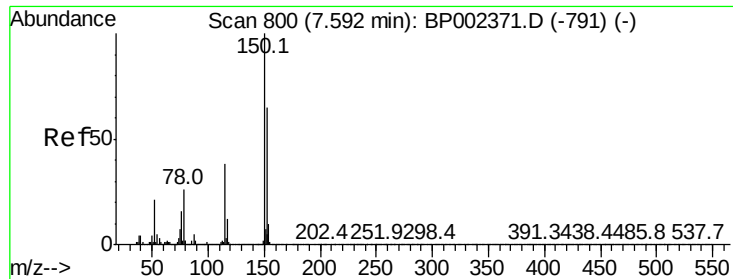
Instrument :
BNA_P
ClientSampleId :
IWS

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Quant Time: Jun 20 02:42:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration





#1

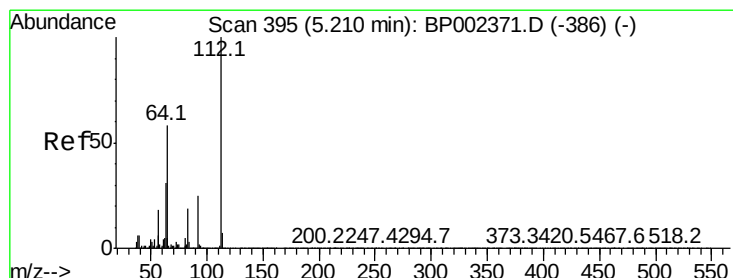
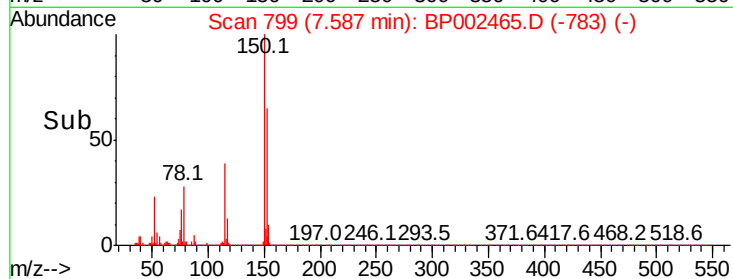
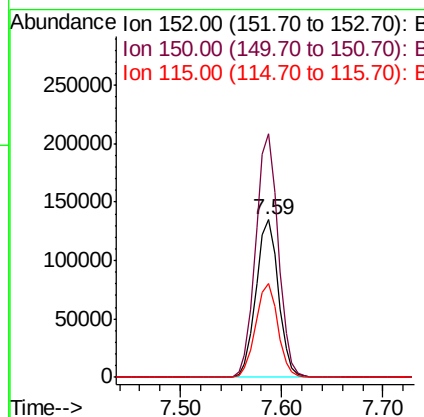
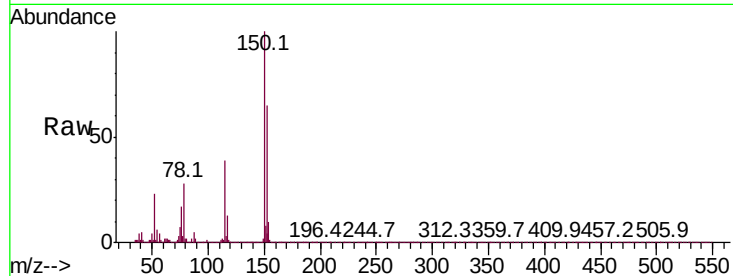
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampled :
IWS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.0	186.0
115	59.6	47.4	71.0

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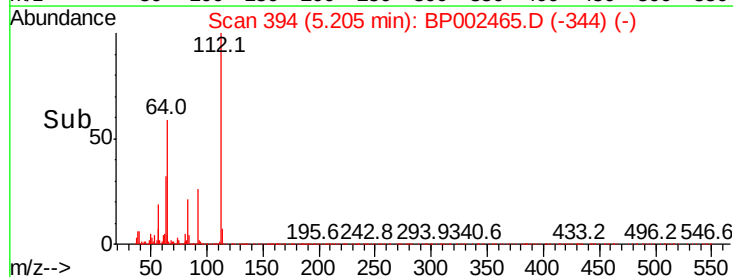
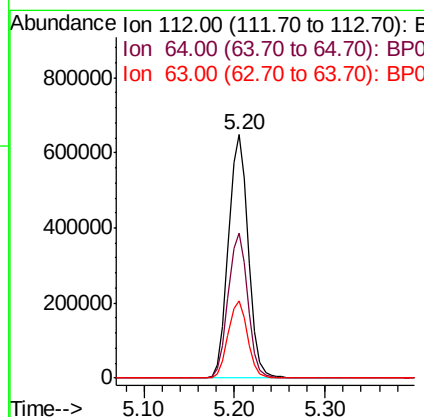
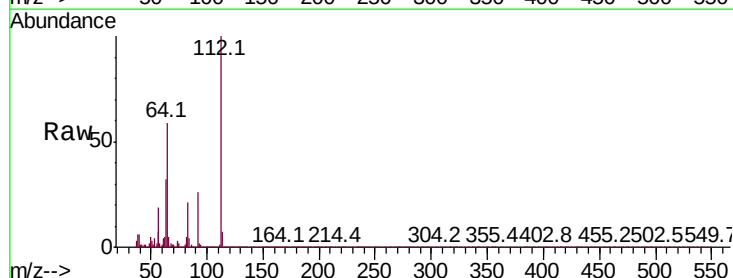
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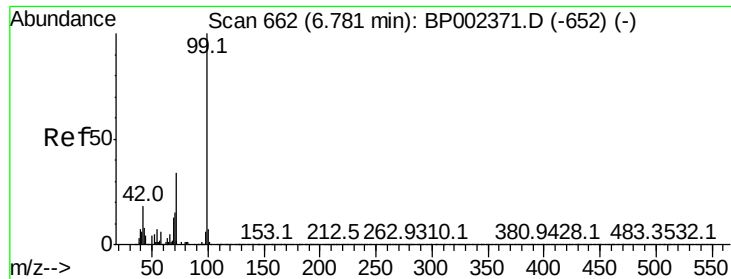


#5

2-Fluorophenol
Concen: 87.323 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.2	69.2
63	31.8	24.5	36.7





#7

Phenol-d6

Concen: 91.593 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002465.D

Acq: 19 Jun 2020 18:51

Instrument :

BNA_P

ClientSampled :

IWS

Tot Ion: 99 Resp: 1374145

Ion Ratio Lower Upper

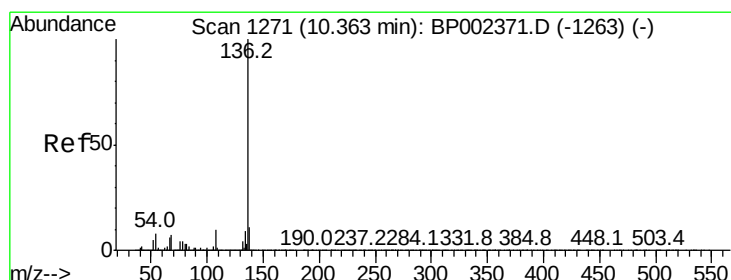
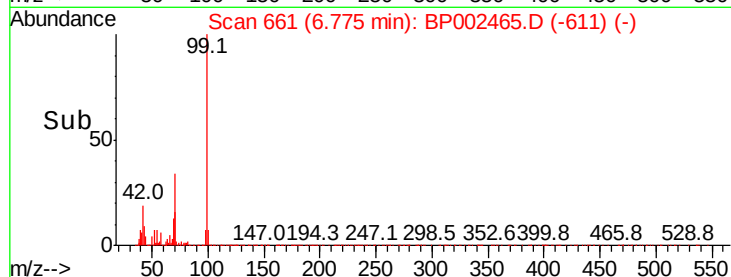
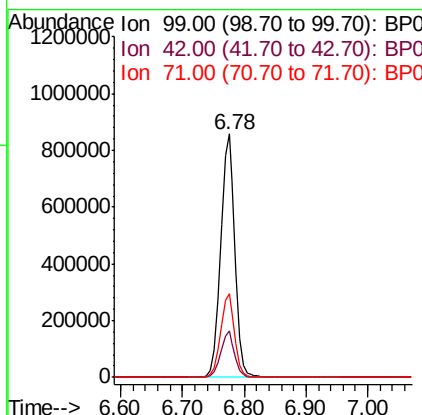
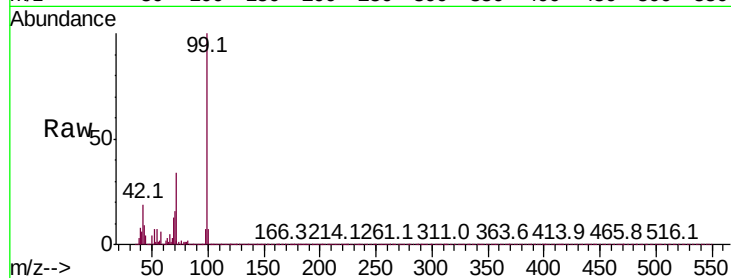
99 100

42 18.8 14.6 22.0

71 34.3 27.2 40.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002465.D

Acq: 19 Jun 2020 18:51

Tgt Ion: 136 Resp: 869779

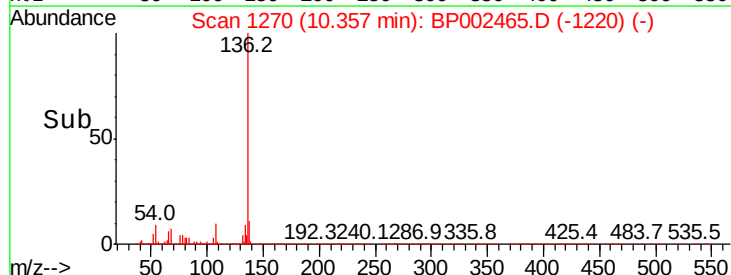
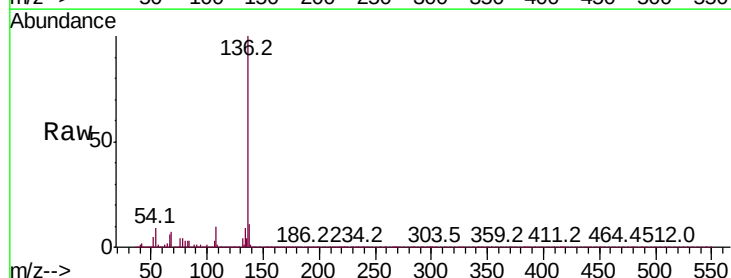
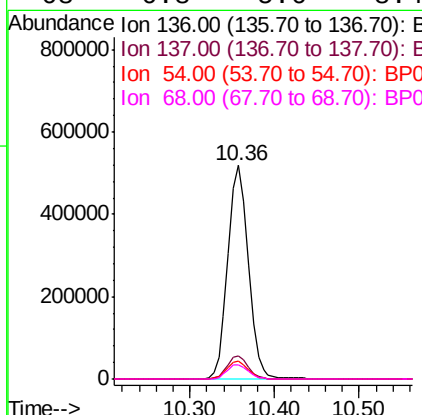
Ion Ratio Lower Upper

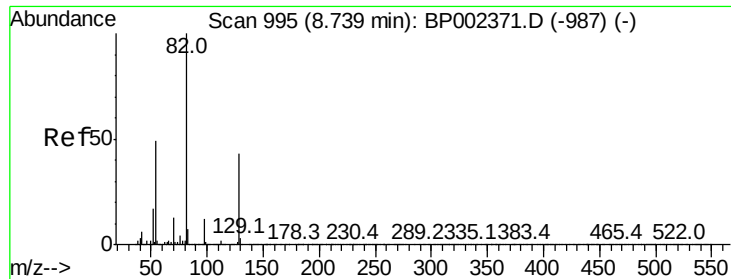
136 100

137 10.7 8.8 13.2

54 8.6 6.4 9.6

68 6.8 5.6 8.4





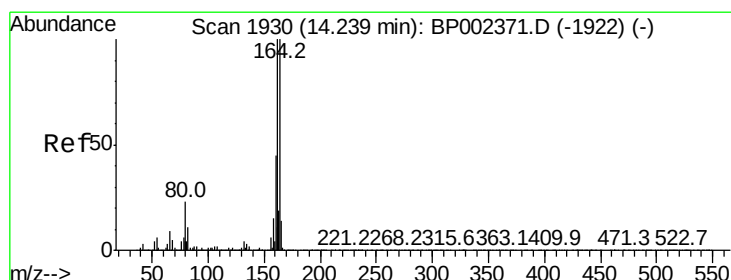
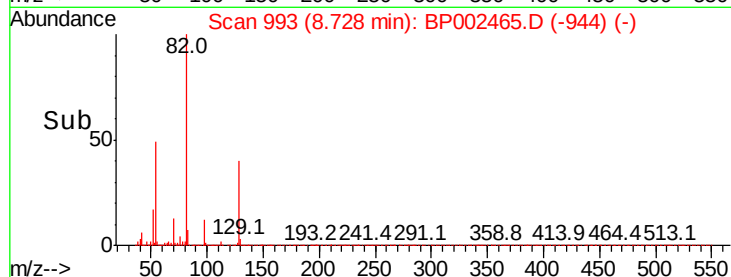
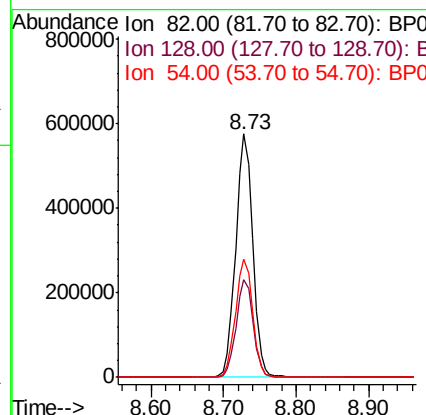
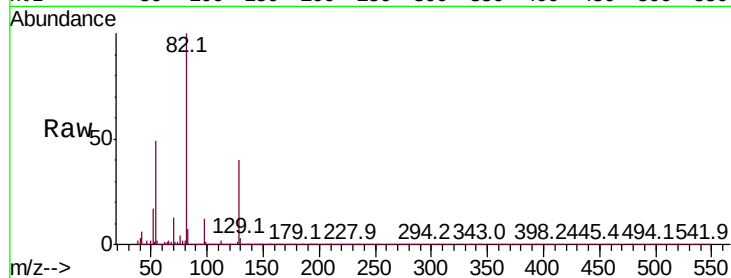
#23
Nitrobenzene-d5
Concen: 64.841 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampleId :
IWS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.5	51.7
54	48.7	39.4	59.2

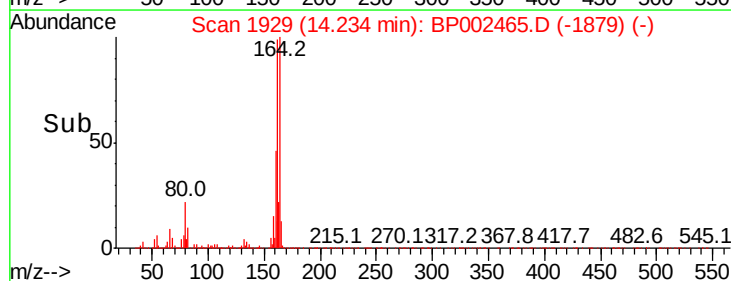
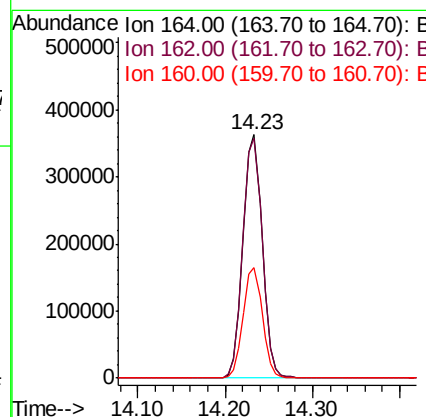
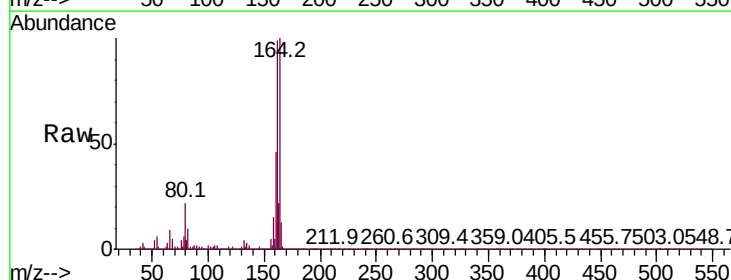
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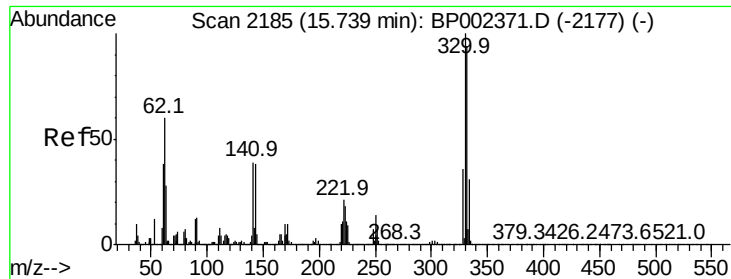
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.8	119.8
160	45.6	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 99.663 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002465.D

Acq: 19 Jun 2020 18:51

Instrument :

BNA_P

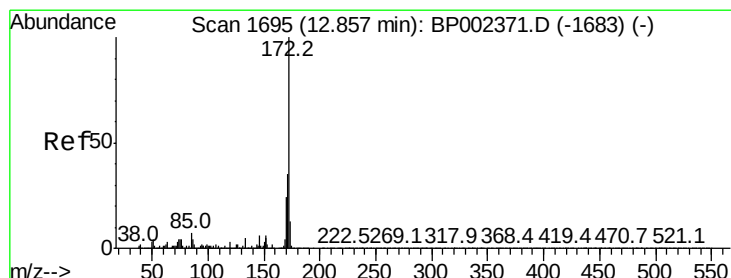
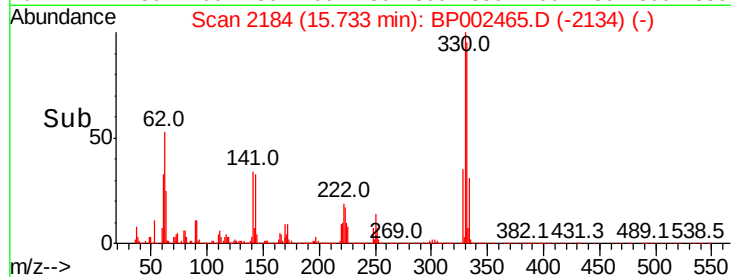
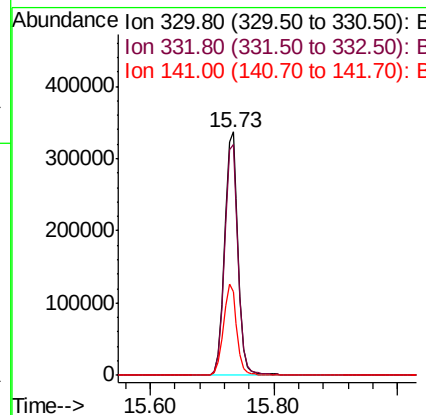
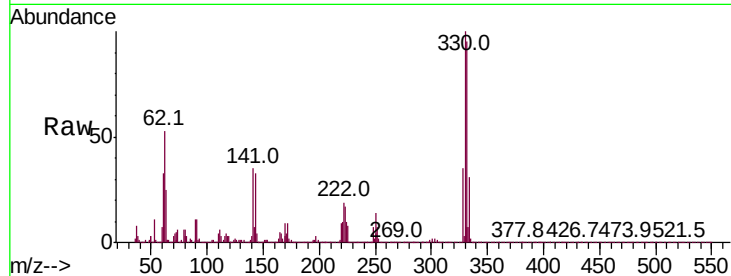
ClientSampled :

IWS

Tot Ion:	330	Resp:	511811
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	115.0
141	37.0	30.3	45.5

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 61.614 ng

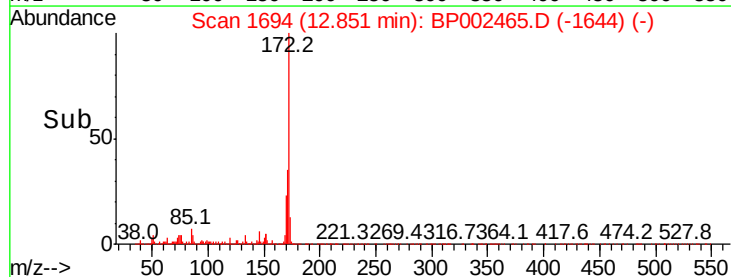
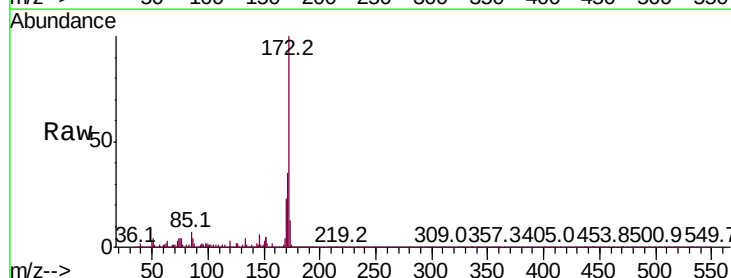
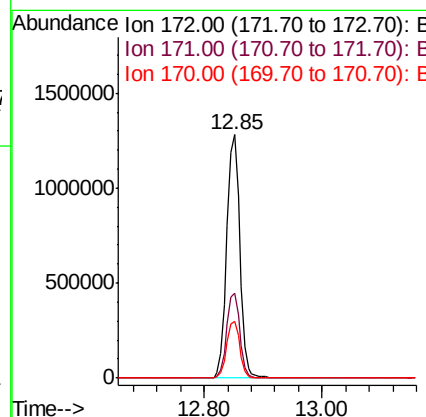
RT: 12.85 min Scan# 1694

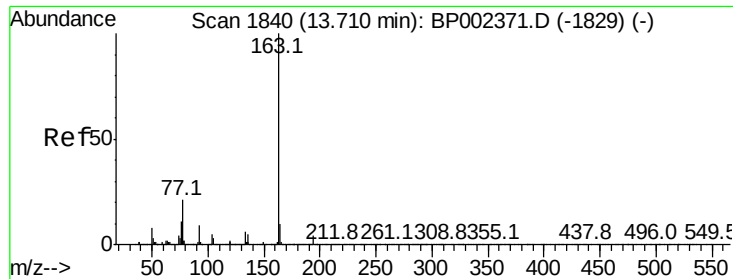
Delta R.T. -0.00 min

Lab File: BP002465.D

Acq: 19 Jun 2020 18:51

Tgt Ion:	172	Resp:	1965509
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.8	41.8
170	23.4	19.0	28.6





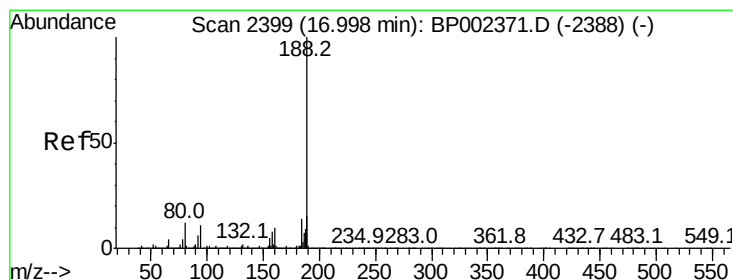
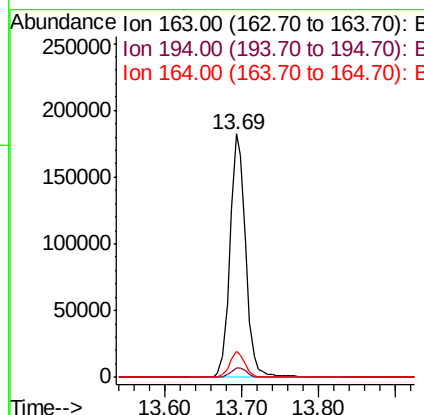
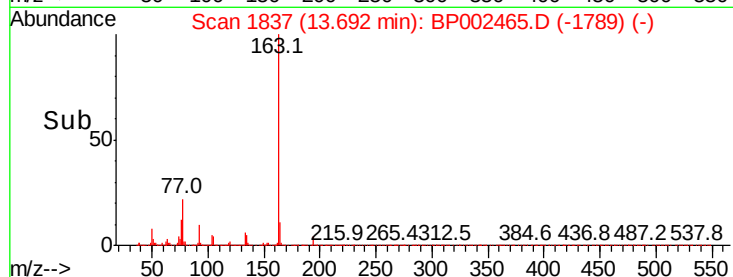
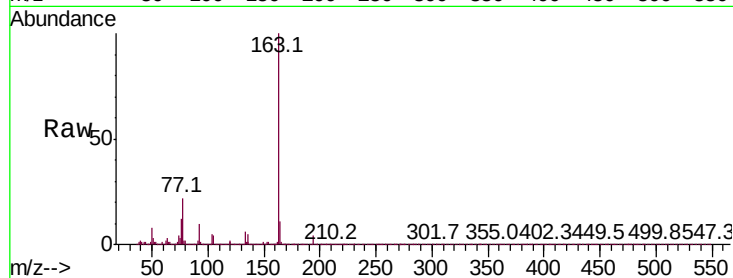
#50
Dimethylphthalate
Concen: 7.012 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampled :
IWS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.8	8.1	12.1

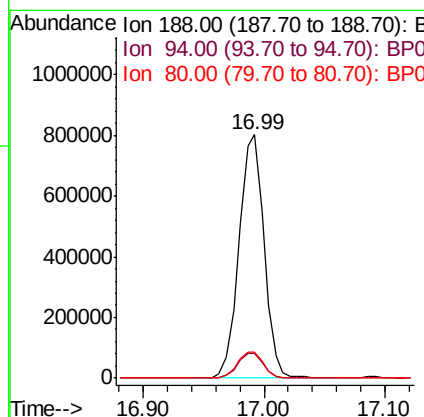
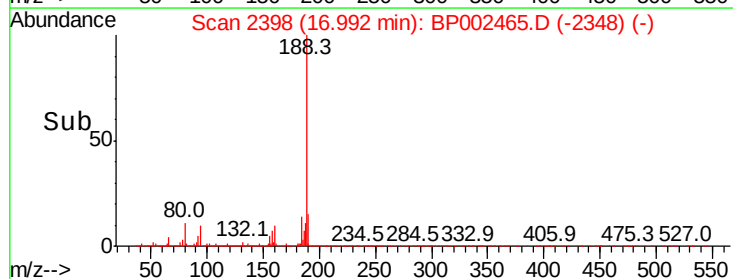
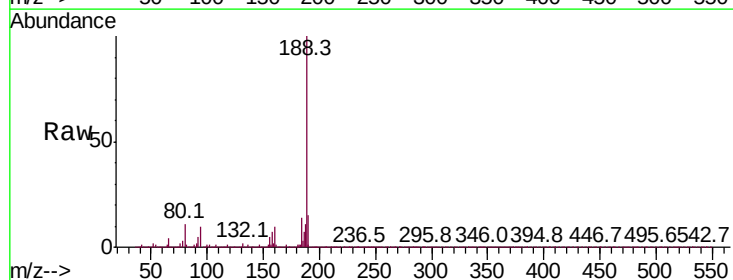
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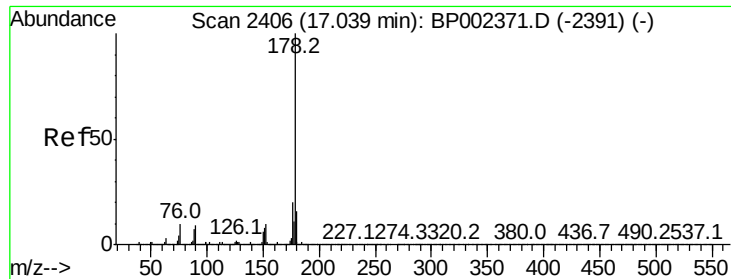
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.4	14.0





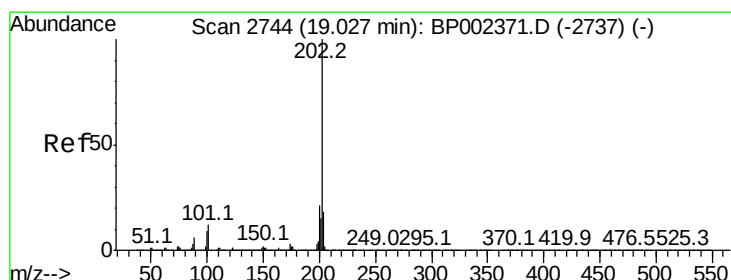
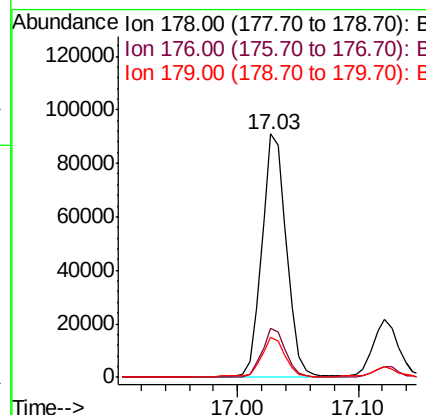
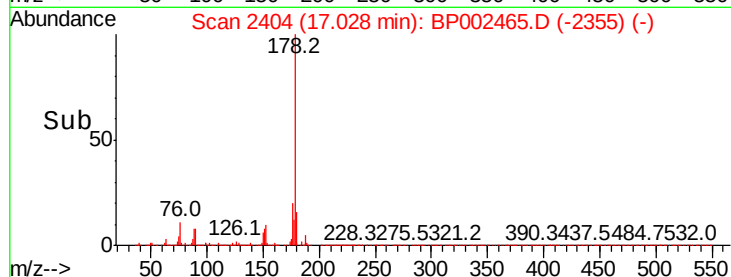
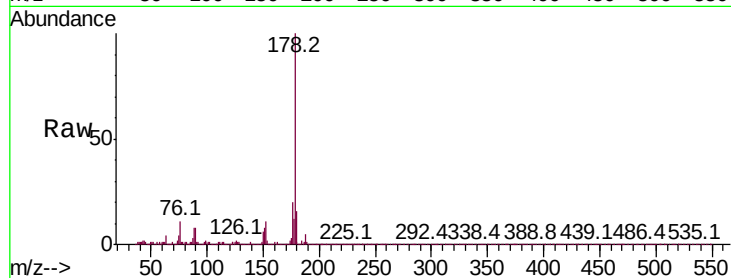
#71
Phenanthrene
Concen: 2.373 ng
RT: 17.03 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampleId :
IWS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.2	12.5	18.7

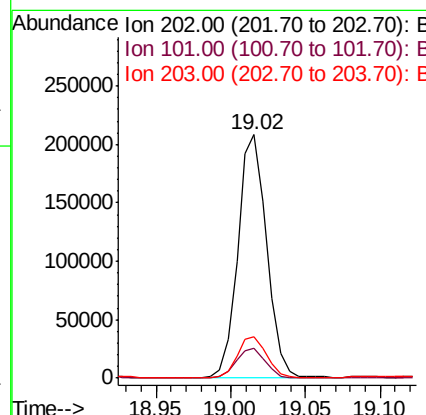
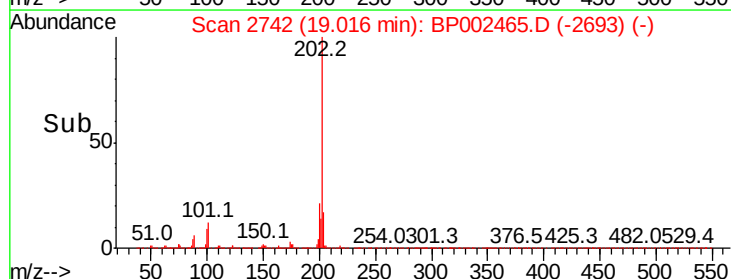
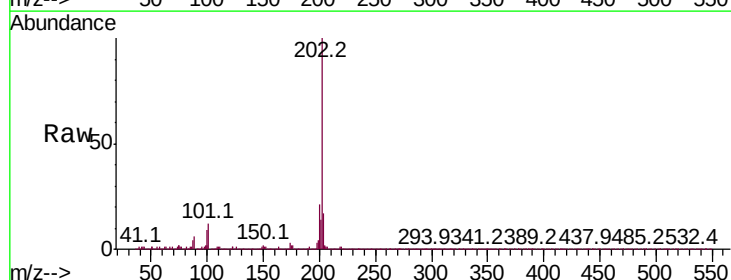
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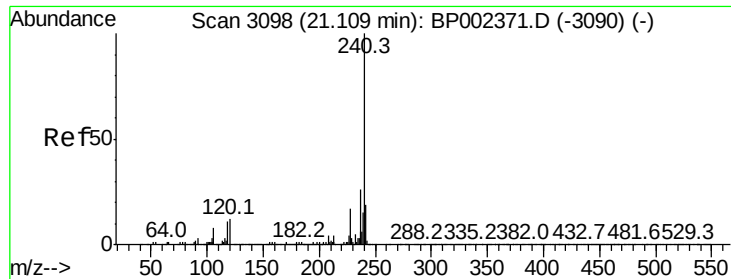
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#75
Fluoranthene
Concen: 4.296 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.8
203	16.9	0.0	38.0





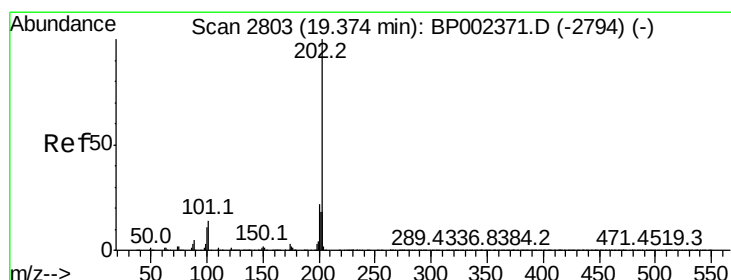
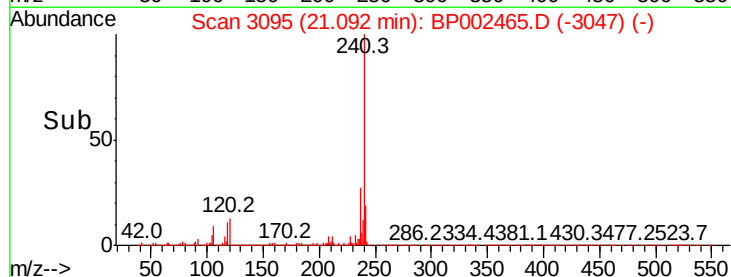
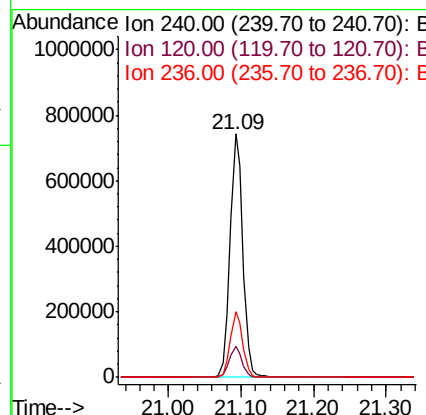
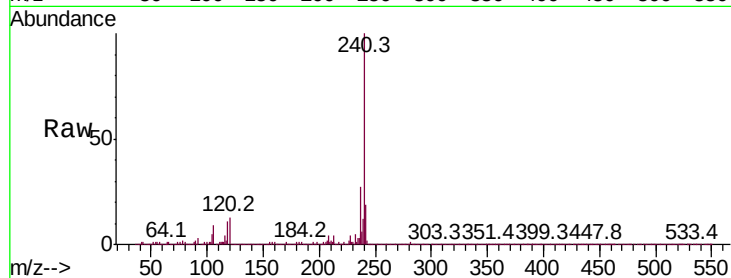
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampled :
IWS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.6	9.3	13.9
236	26.7	21.0	31.6

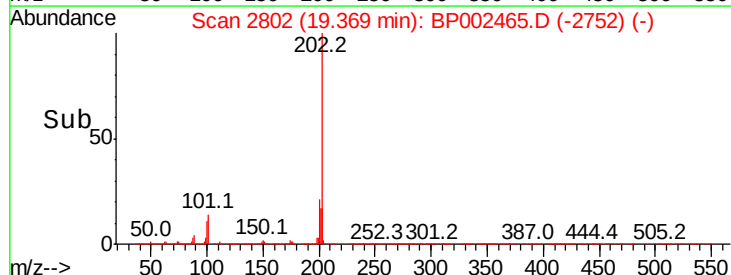
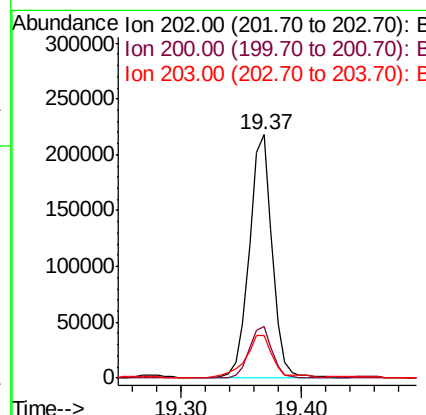
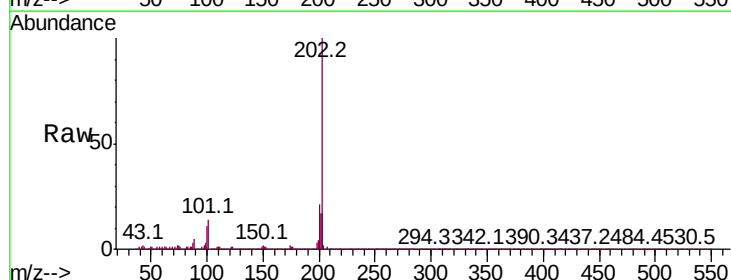
Manual Integrations
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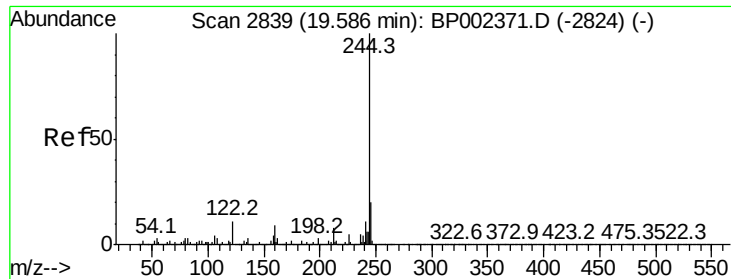
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#78
Pyrene
Concen: 5.183 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.4	14.6	22.0





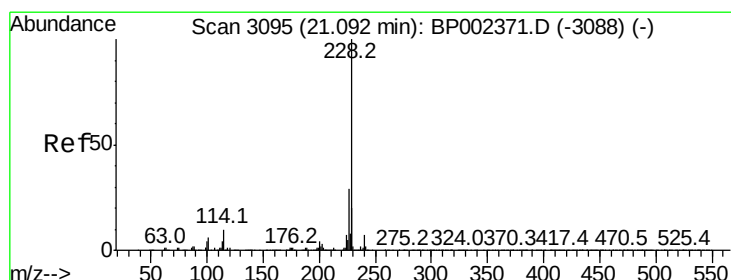
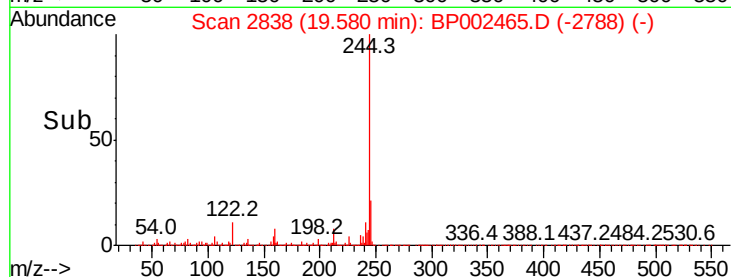
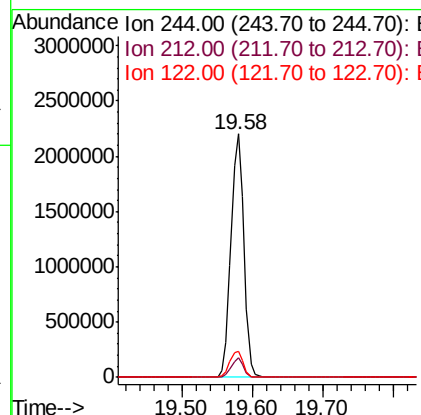
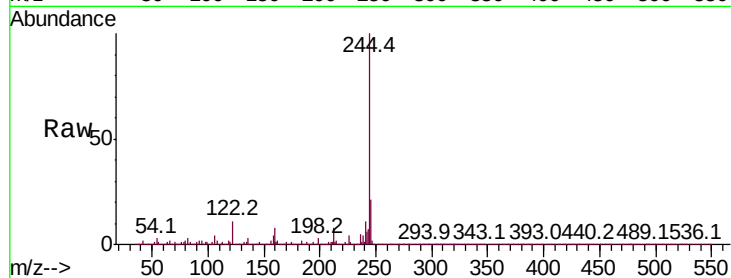
#79
 Terphenyl-d14
 Concen: 77.293 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BP002465.D
 Acq: 19 Jun 2020 18:51

Instrument :
 BNA_P
 ClientSampled :
 IWS

Tot Ion:244 Resp: 2814110
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 10.6 8.8 13.2

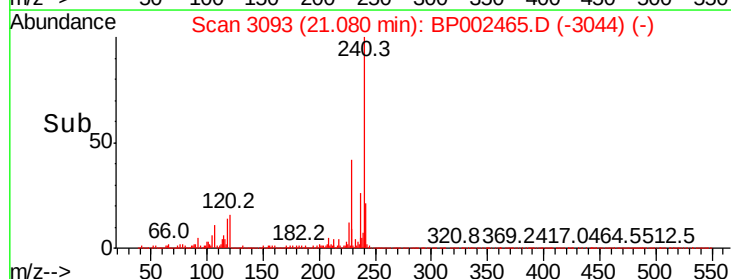
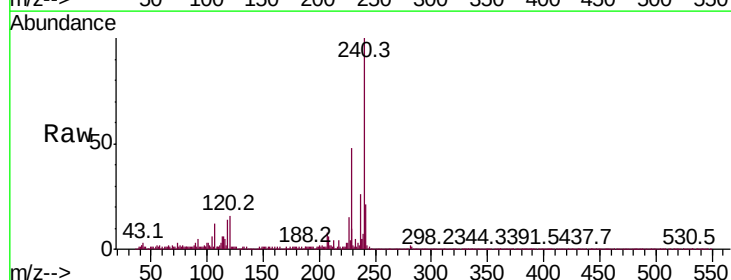
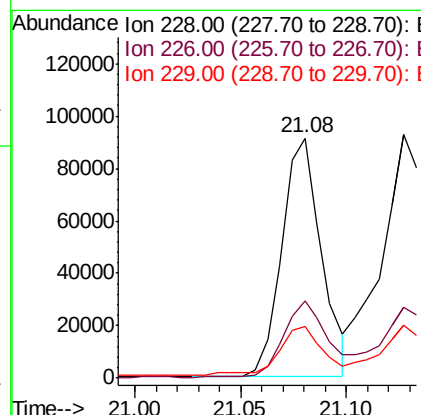
Manual Integrations
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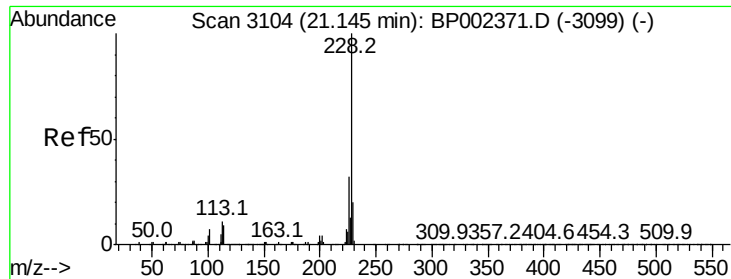
mohammad
 6/22/2020 3:26:12 PM



#81
 Benzo(a)anthracene
 Concen: 2.296 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP002465.D
 Acq: 19 Jun 2020 18:51

Tgt Ion:228 Resp: 118778
 Ion Ratio Lower Upper
 228 100
 226 32.3 22.8 34.2
 229 21.3 16.2 24.2





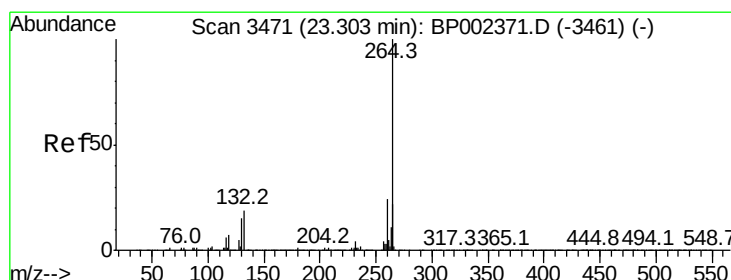
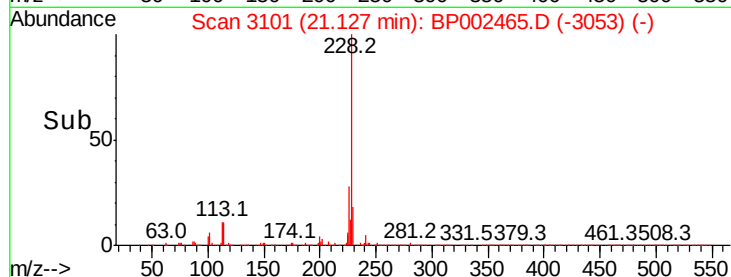
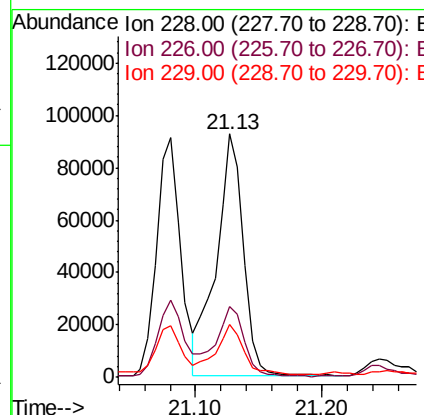
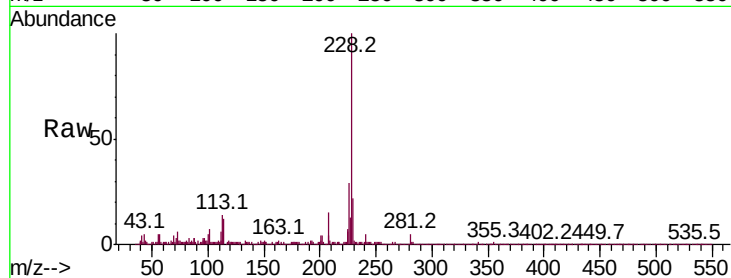
#83
Chrysene
Concen: 2.832 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampleId :
IWS

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	29.0	25.2	37.8
229	22.0	16.1	24.1

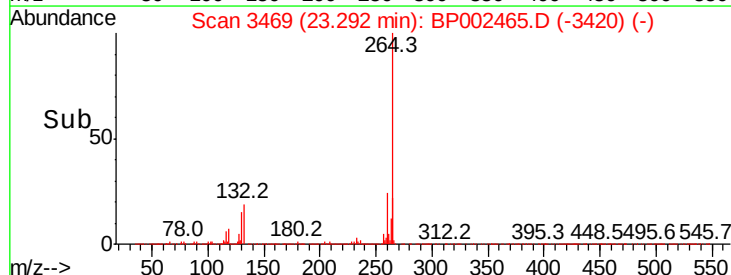
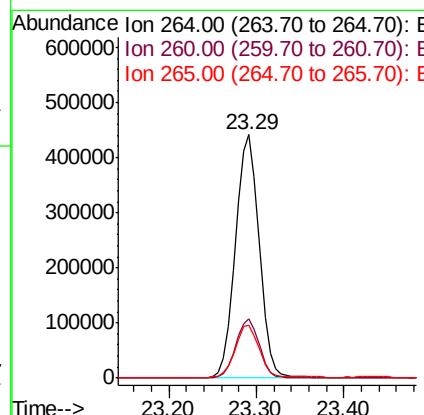
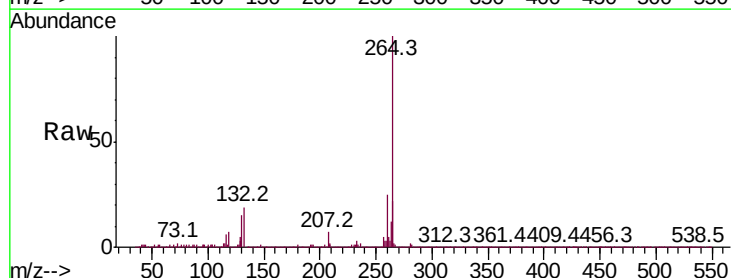
Manual Integrations
APPROVED

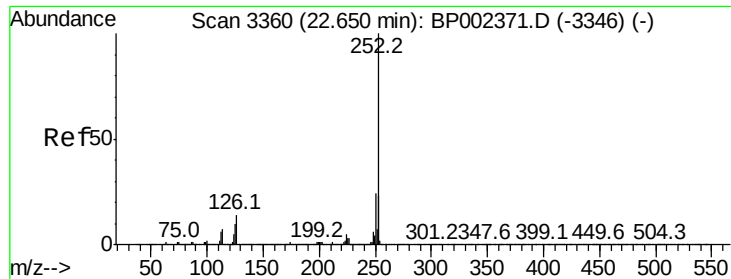
mohammad
6/22/2020 3:26:12 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.9	17.4	26.2





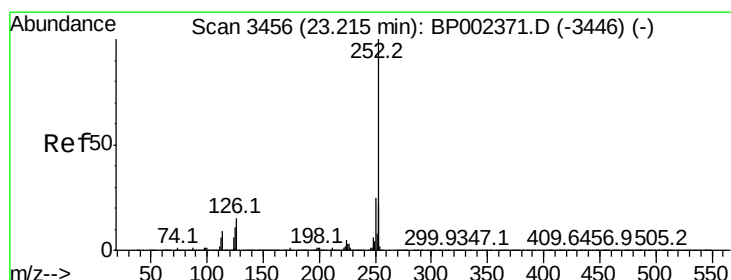
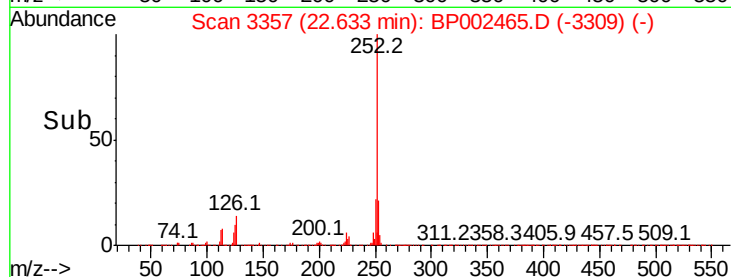
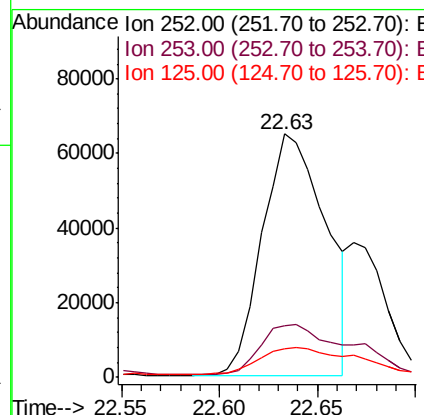
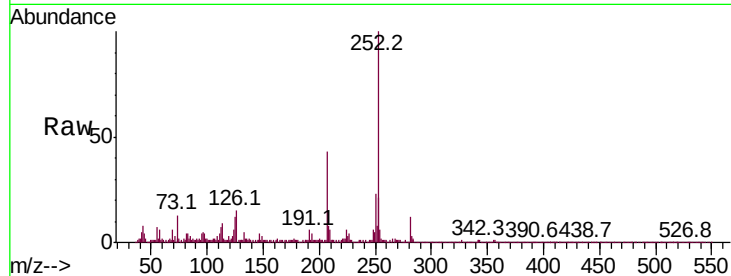
#88
Benzo(b)fluoranthene
Concen: 3.354 ng m
RT: 22.63 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Instrument :
BNA_P
ClientSampled :
IWS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	11.6	8.2	12.2

Manual Integrations
APPROVED

mohammad
6/22/2020 3:26:12 PM



#90
Benzo(a)pyrene
Concen: 2.155 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BP002465.D
Acq: 19 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	13.8	9.2	13.8#

