

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000255.D
 Acq On : 16 Sep 2019 22:49
 Operator : HP/JU
 Sample : K4886-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13-S(1.5-4)

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:27:58 PM

Quant Time: Sep 17 07:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	338954	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1245261	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	678832	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1187208	20.00	ng	0.00
76) Chrysene-d12	13.99	240	962421	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1062466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	802859	40.89	ng	0.00
7) Phenol-d6	6.42	99	1014700	42.16	ng	0.00
23) Nitrobenzene-d5	7.34	82	533948	27.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	282636	41.98	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1101109	29.19	ng	0.00
79) Terphenyl-d14	12.92	244	1127212	24.57	ng	-0.01
Target Compounds						
75) Fluoranthene	12.55	202	205945	3.224	ng	97
78) Pyrene	12.77	202	195972	2.722	ng	98
88) Benzo(b)fluoranthene	15.04	252	169479m	2.674	ng	

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

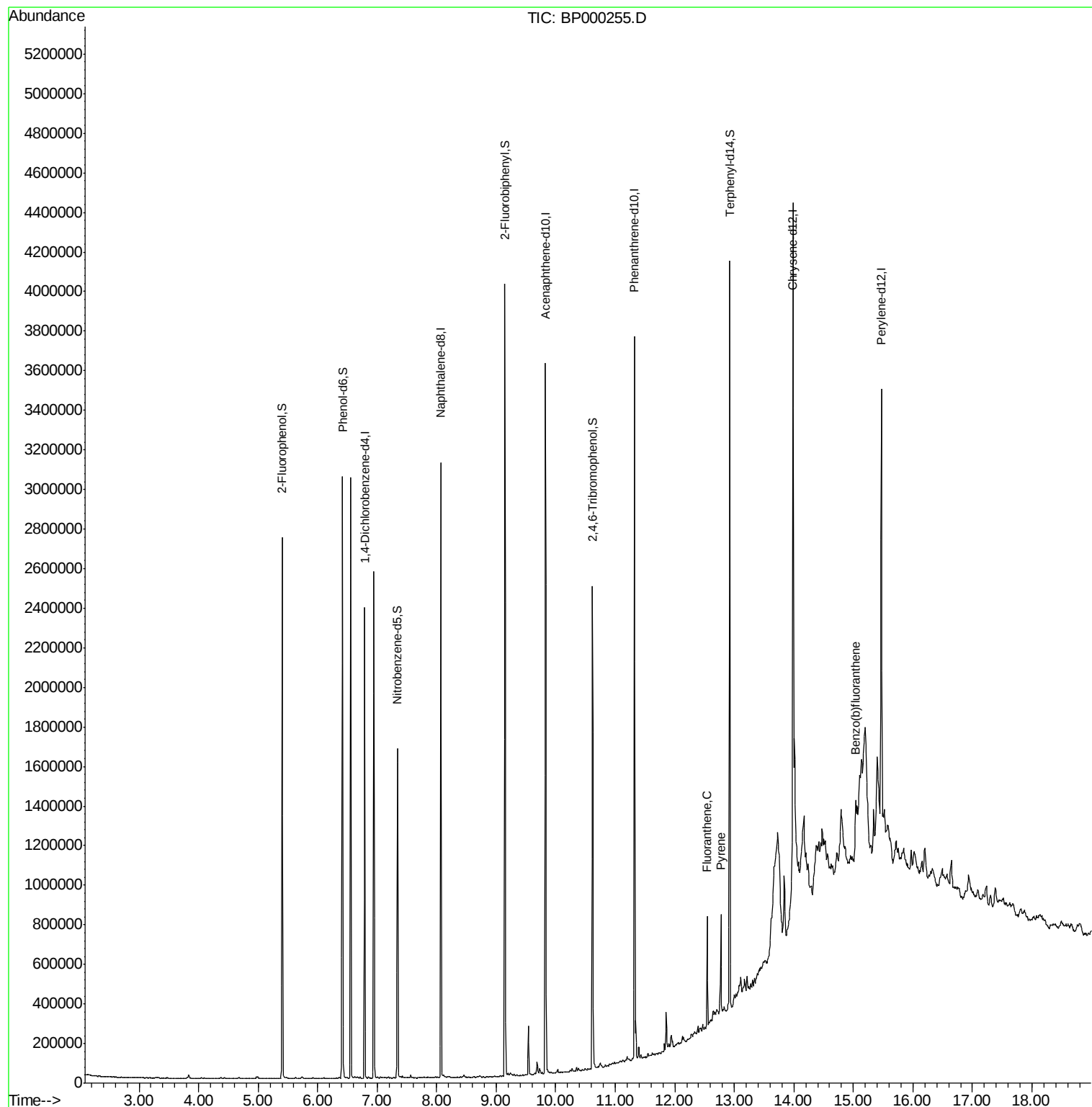
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000255.D
Acq On : 16 Sep 2019 22:49
Operator : HP/JU
Sample : K4886-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

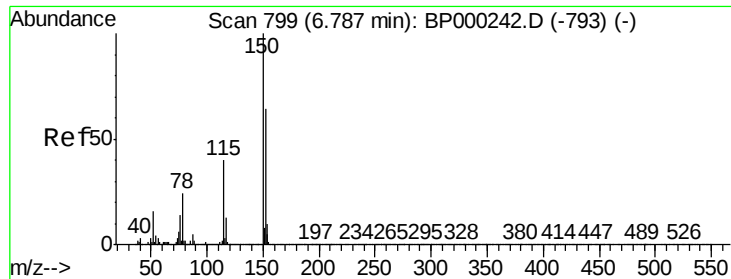
Instrument :
BNA_P
ClientSampleId :
TP-13-S(1.5-4)

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#1

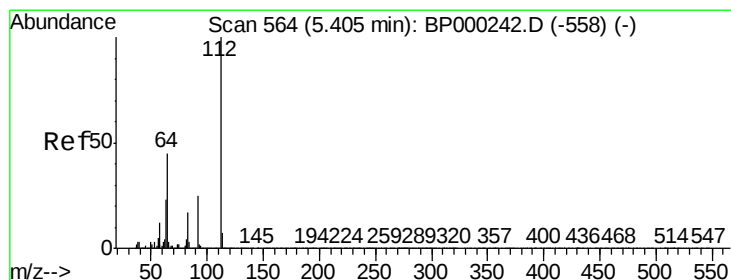
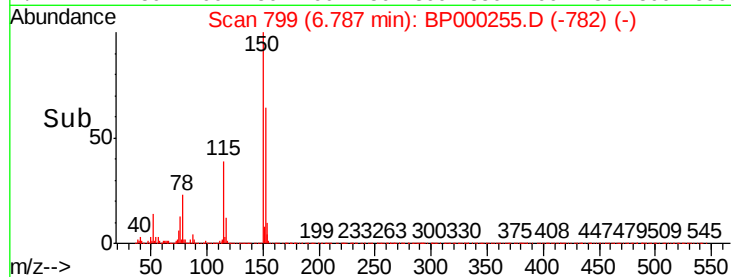
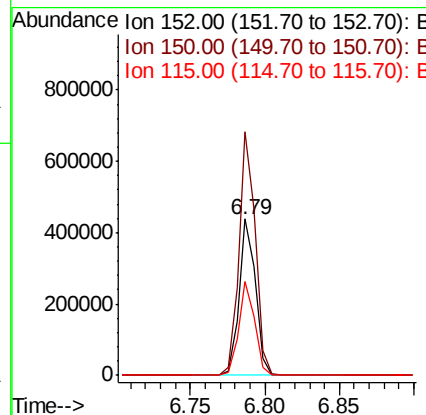
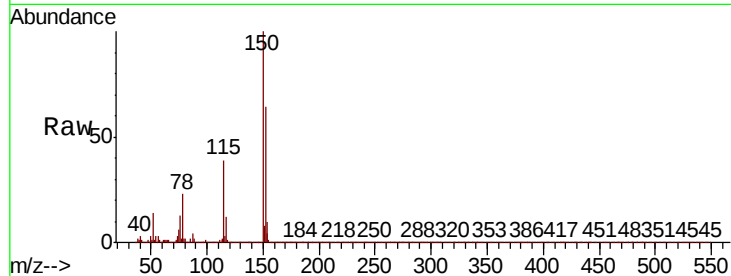
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Instrument :
BNA_P
ClientSampleId :
TP-13-S(1.5-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.2	187.8
115	60.3	49.7	74.5

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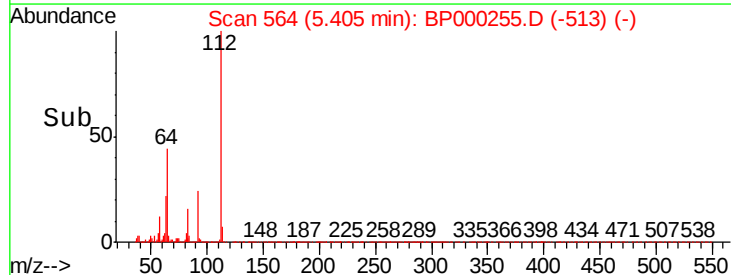
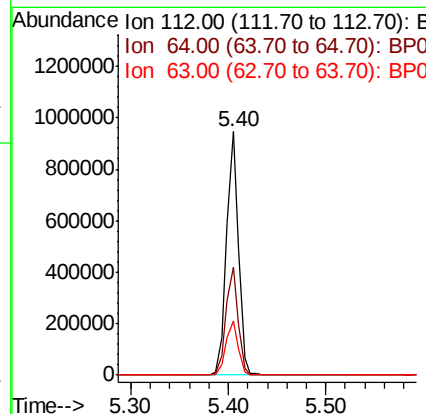
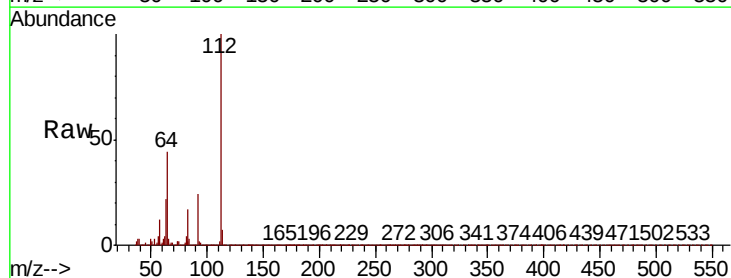
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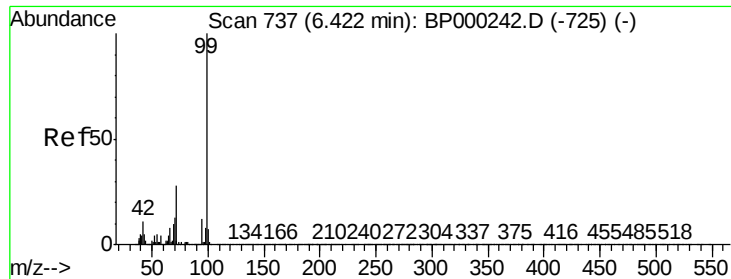


#5

2-Fluorophenol
Concen: 40.891 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	22.3	18.3	27.5





#7

Phenol-d6

Concen: 42.161 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000255.D

Acq: 16 Sep 2019 22:49

Instrument :

BNA_P

ClientSampleId :

TP-13-S(1.5-4)

Tot Ion: 99 Resp: 1014700

Ion Ratio Lower Upper

99 100

42 10.6 8.5 12.7

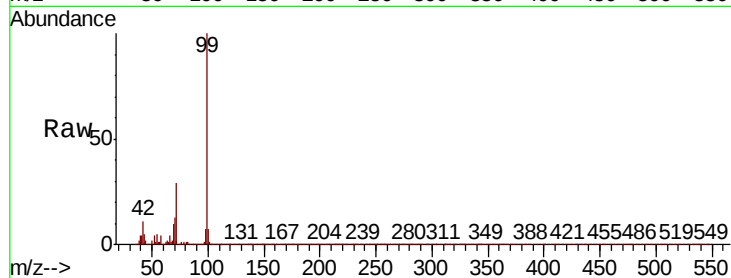
71 28.9 22.6 34.0

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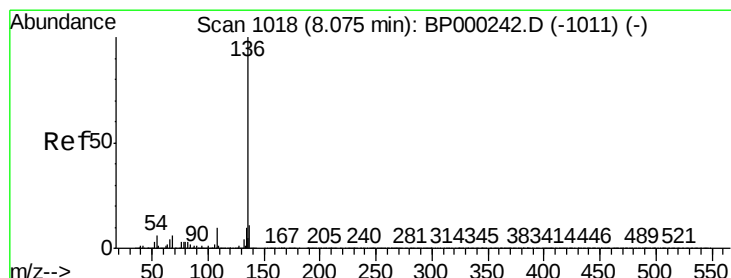
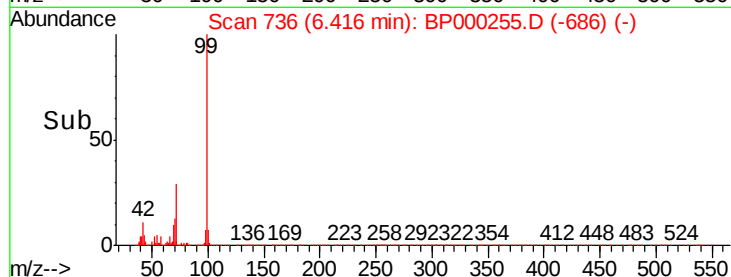
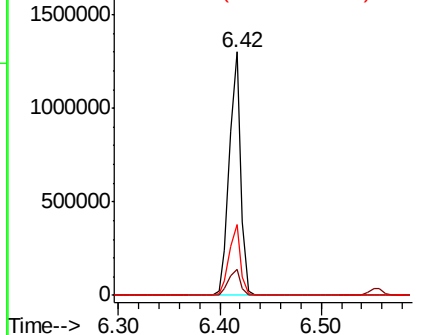
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000255.D

Acq: 16 Sep 2019 22:49

Tgt Ion: 136 Resp: 1245261

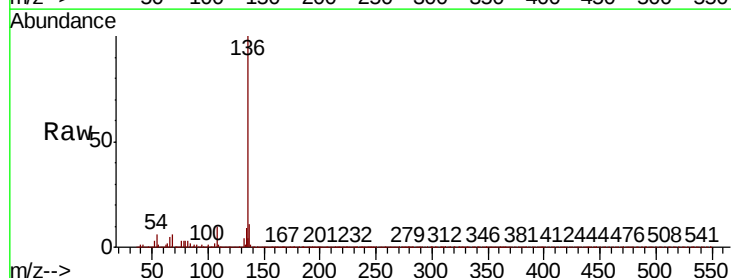
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 6.0 4.5 6.7

68 5.9 4.5 6.7

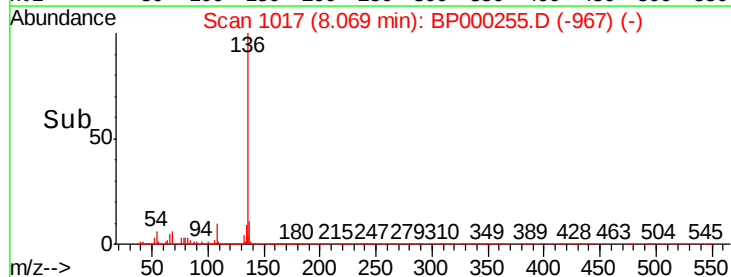
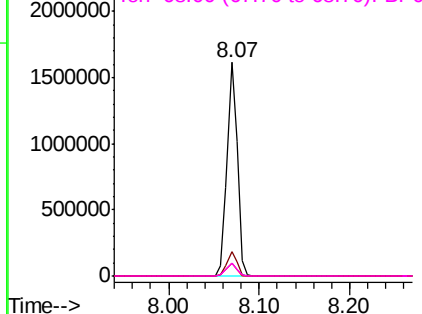


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





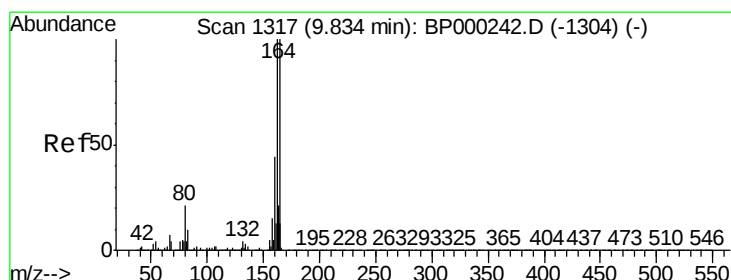
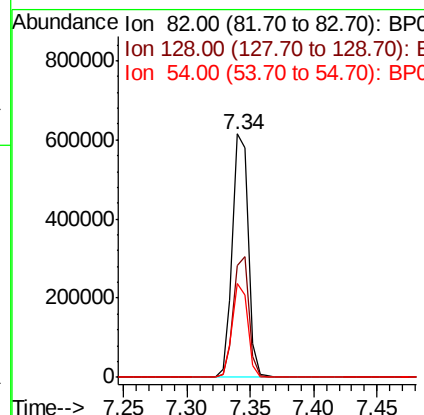
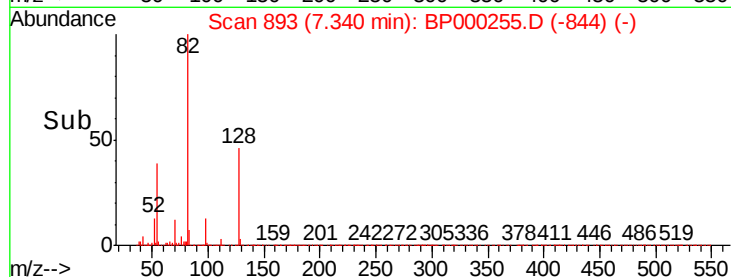
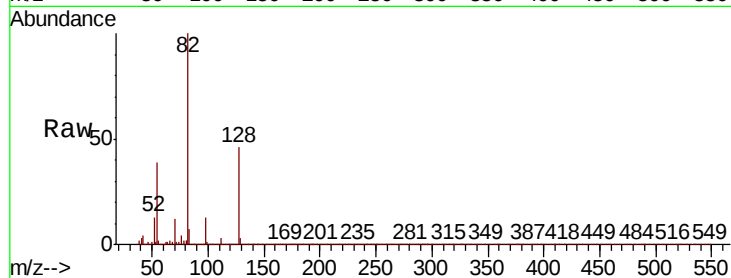
#23
Nitrobenzene-d5
Concen: 27.665 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Instrument :
BNA_P
ClientSampleId :
TP-13-S(1.5-4)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.7	61.1
54	38.6	30.1	45.1

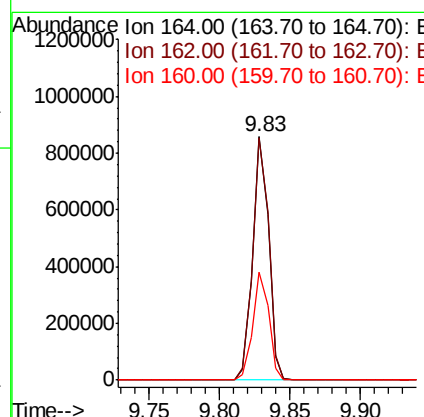
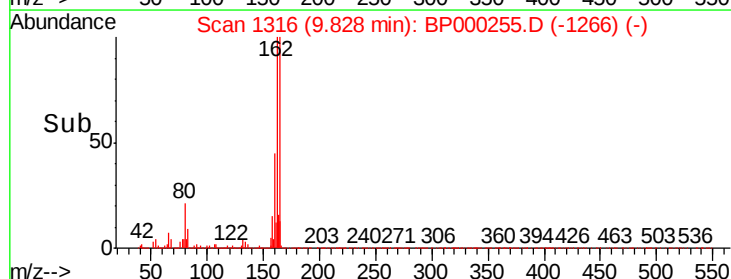
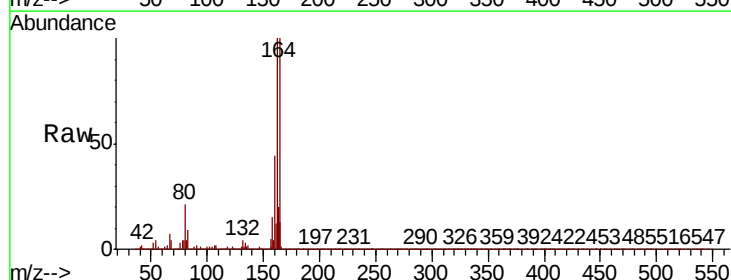
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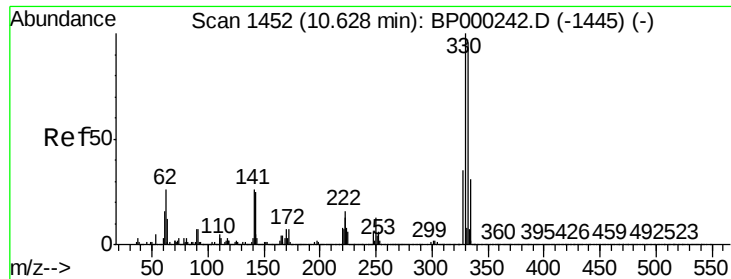
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	44.4	35.6	53.4





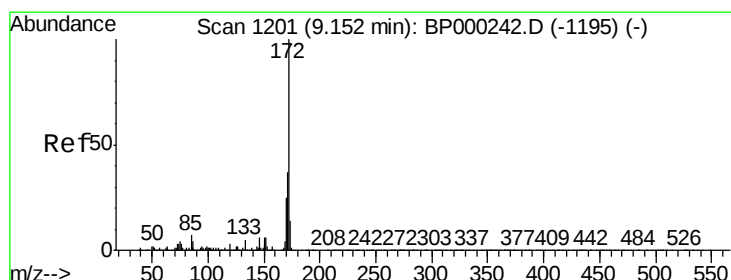
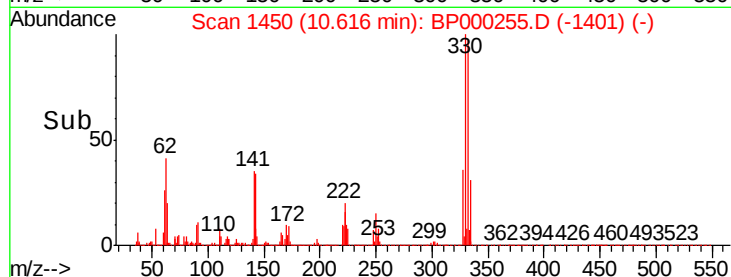
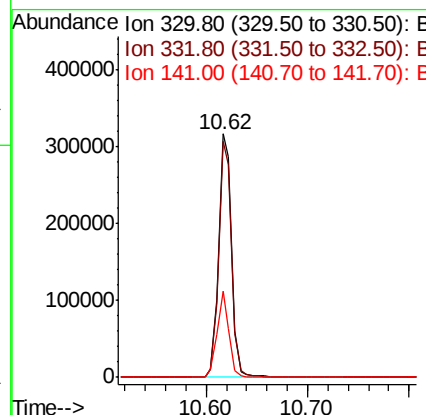
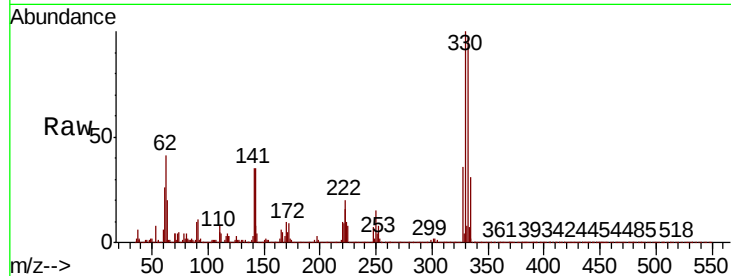
#42
2,4,6-Tribromophenol
Concen: 41.977 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Instrument :
BNA_P
ClientSampleId :
TP-13-S(1.5-4)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	282636		
332	96.2	76.6	115.0	
141	31.9	26.5	39.7	

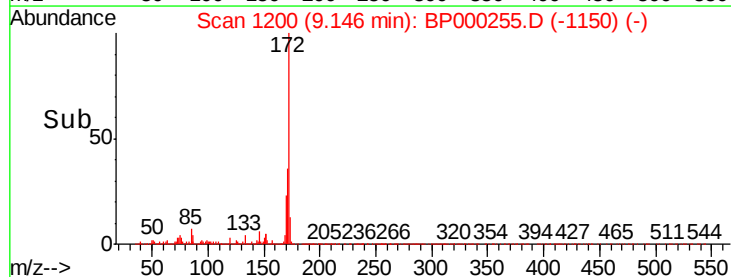
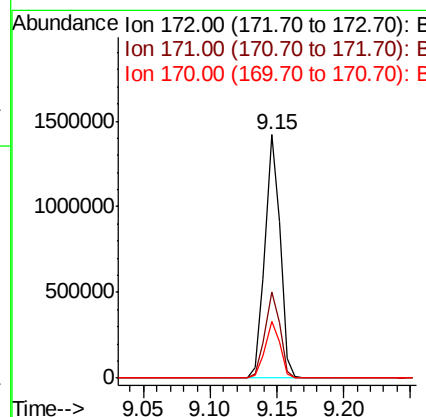
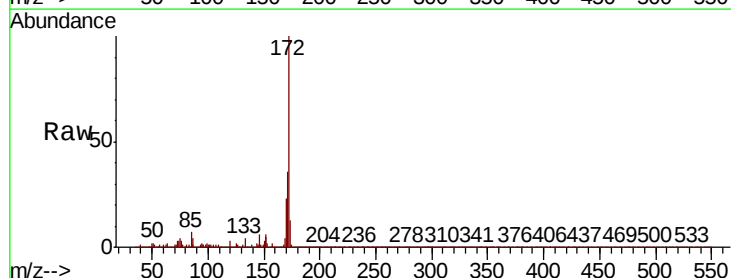
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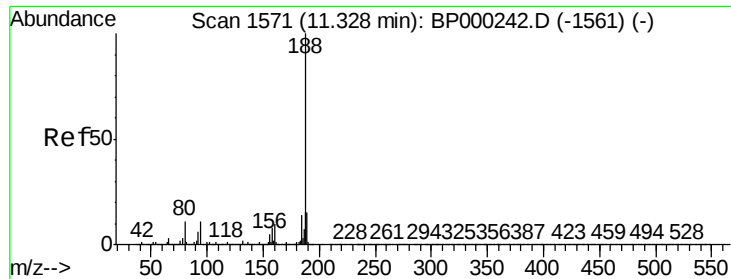
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#45
2-Fluorobiphenyl
Concen: 29.194 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1101109		
171	35.6	29.8	44.6	
170	23.4	19.8	29.6	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000255.D

Acq: 16 Sep 2019 22:49

Instrument :

BNA_P

ClientSampleId :

TP-13-S(1.5-4)

Tot Ion:188 Resp: 1187208

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

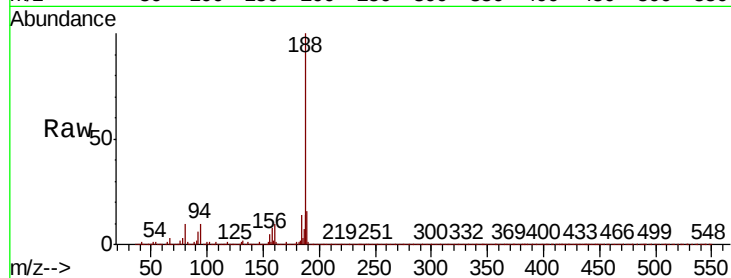
80 10.3 8.6 13.0

Manual Integrations

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Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

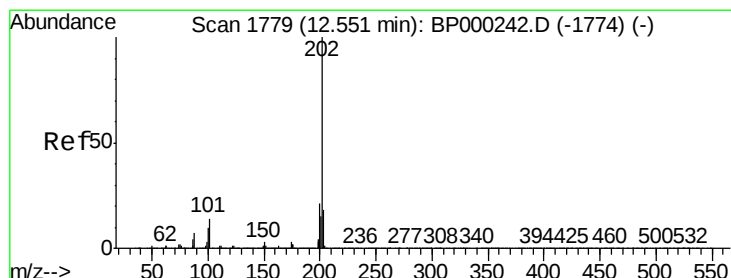
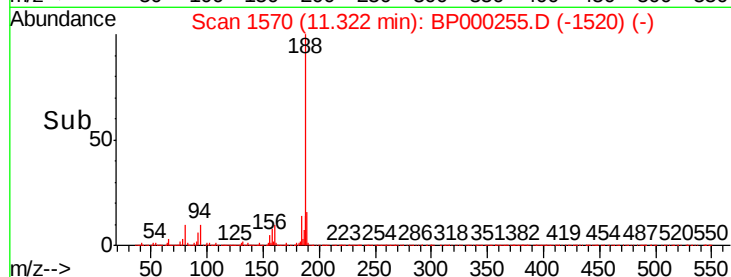
1500000

1000000

500000

0

Time--> 11.25 11.30 11.35



#75

Fluoranthene

Concen: 3.224 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BP000255.D

Acq: 16 Sep 2019 22:49

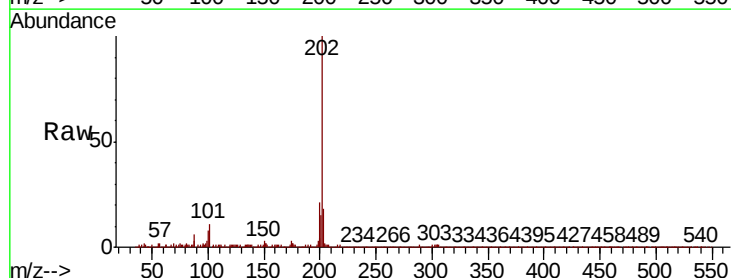
Tgt Ion:202 Resp: 205945

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.9

203 18.1 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

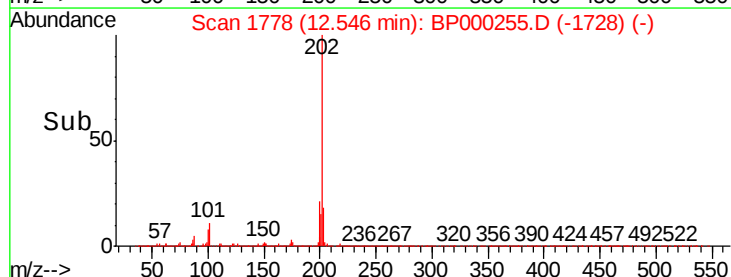
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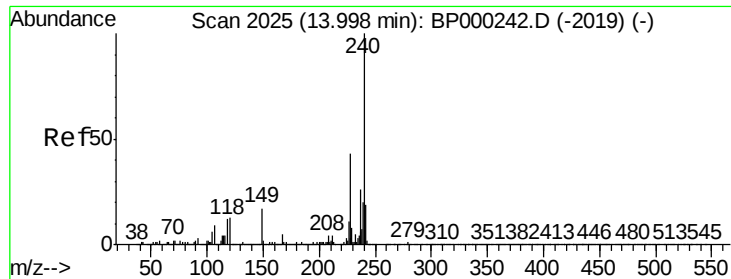
200000

100000

0

Time--> 12.50 12.55 12.60





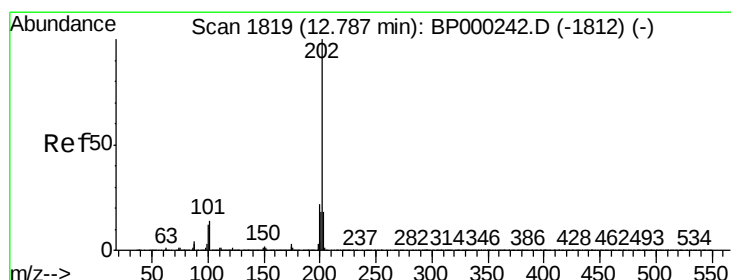
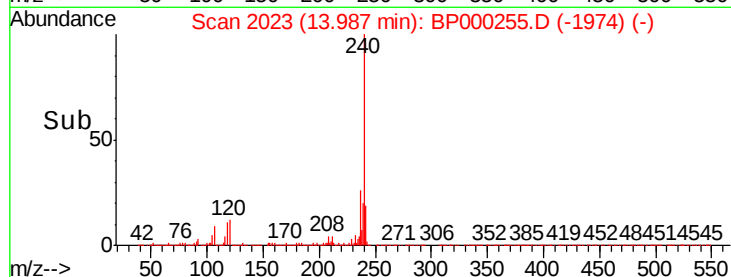
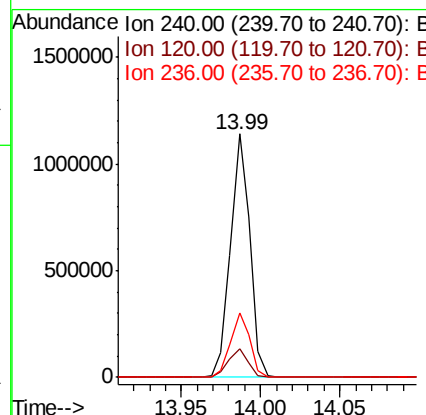
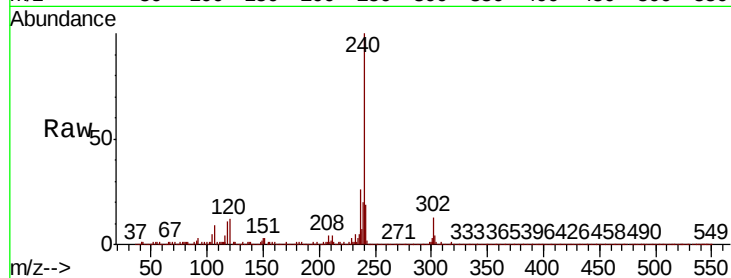
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Instrument :
BNA_P
ClientSampleId :
TP-13-S(1.5-4)

Tot Ion:	240	Resp:	962421
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.4	15.6
236	26.3	21.0	31.6

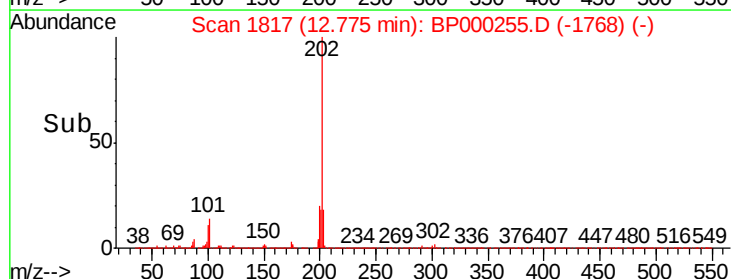
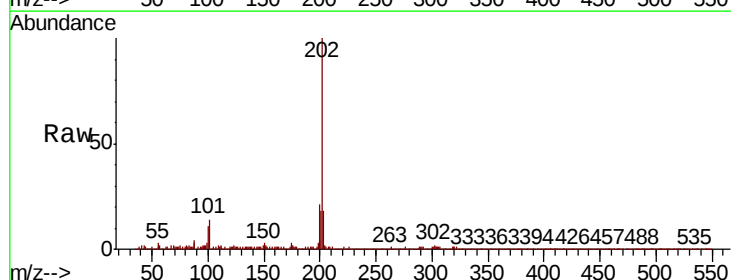
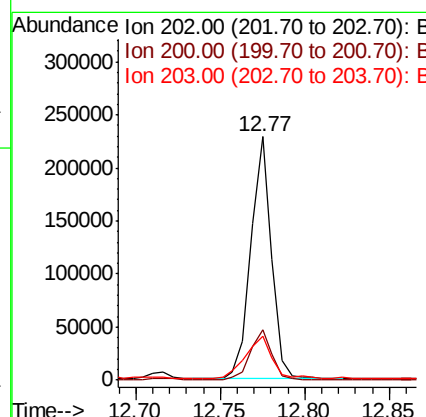
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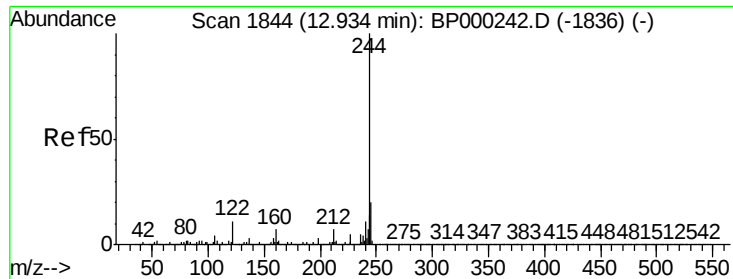
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#78
Pyrene
Concen: 2.722 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000255.D
Acq: 16 Sep 2019 22:49

Tgt Ion:	202	Resp:	195972
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.5	26.3
203	18.3	14.3	21.5





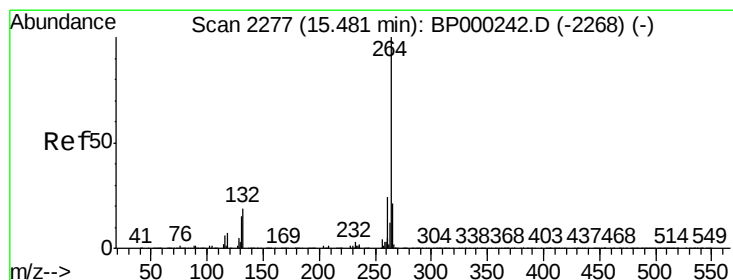
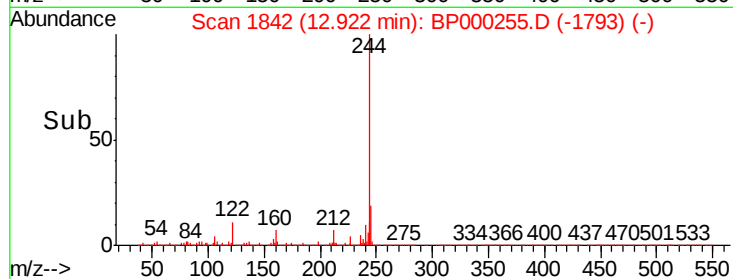
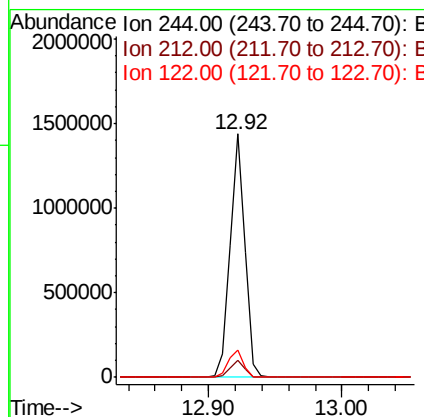
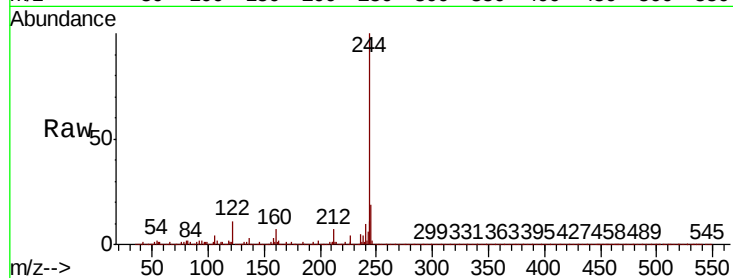
#79
 Terphenyl-d14
 Concen: 24.570 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BP000255.D
 Acq: 16 Sep 2019 22:49

Instrument :
 BNA_P
 ClientSampleId :
 TP-13-S(1.5-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.1	9.0	13.4

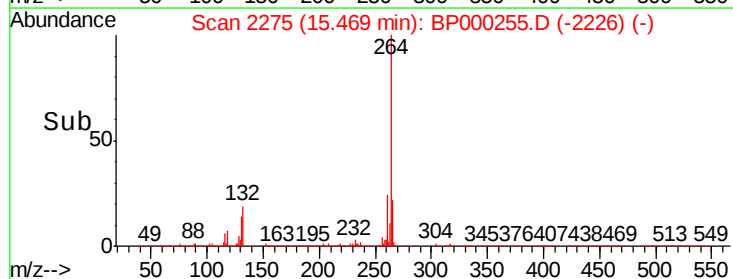
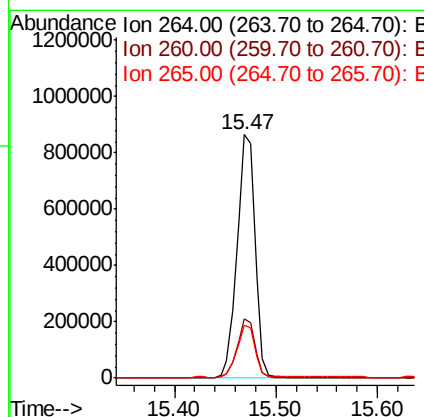
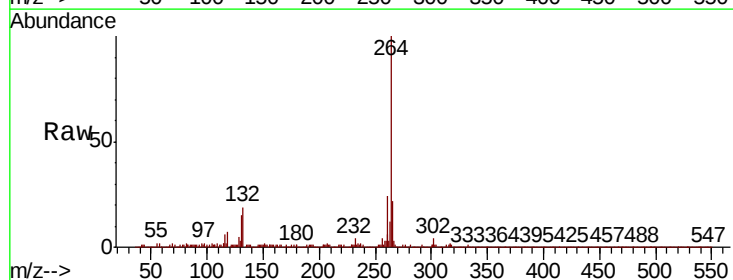
Manual Integrations
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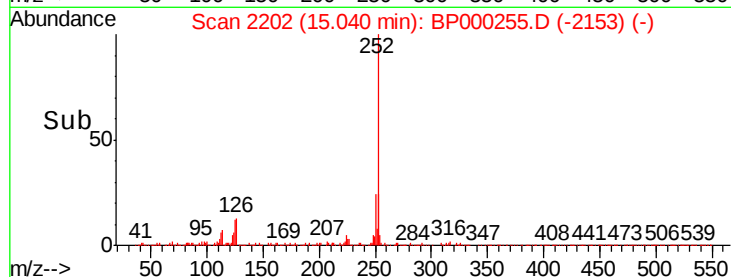
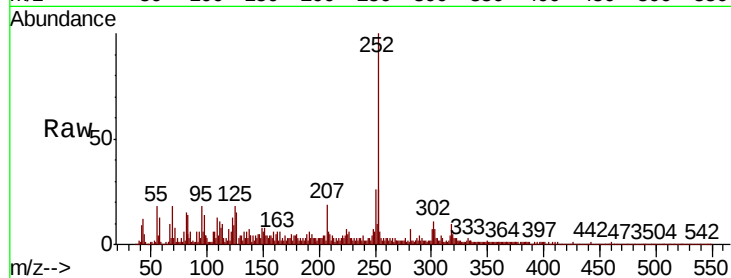
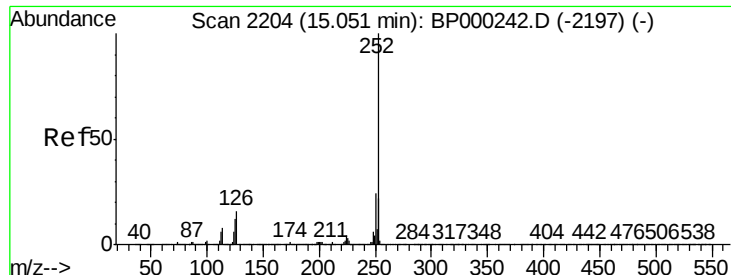
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BP000255.D
 Acq: 16 Sep 2019 22:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.9	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 2.674 ng/mL

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000255.D

Acq: 16 Sep 2019 22:49

Instrument :

BNA_P

ClientSampleId :

TP-13-S(1.5-4)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	169479		
253	26.3		17.8	26.6
125	18.0		9.5	14.3

Manual Integrations
APPROVED

mohammad
9/17/2019 1:27:58 PM

