

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002470.D
 Acq On : 19 Jun 2020 21:42
 Operator : CG/JU
 Sample : L3056-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-B-LOT-11

Manual Integrations
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Quant Time: Jun 20 03:42:19 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	211364	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	895794	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	564708	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1222404	20.00	ng	0.00
76) Chrysene-d12	21.10	240	767021	20.00	ng	-0.01
86) Perylene-d12	23.30	264	768924	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1267429	110.96	ng	0.00
7) Phenol-d6	6.78	99	1785403	117.40	ng	0.00
23) Nitrobenzene-d5	8.73	82	1240658	82.71	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	656826	121.48	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2532868	75.42	ng	0.00
79) Terphenyl-d14	19.58	244	3055081	110.81	ng	0.00

Target Compounds					Qvalue	
49) Acenaphthylene	13.95	152	168301	3.483	ng	99
50) Dimethylphthalate	13.69	163	199768	5.163	ng	99
52) Acenaphthene	14.30	154	72114	2.548	ng	99
58) Fluorene	15.29	166	112857	3.148	ng	98
71) Phenanthrene	17.03	178	2099305	36.713	ng	99
72) Anthracene	17.12	178	674614	11.876	ng	98
73) Carbazole	17.39	167	126724	2.268	ng	99
75) Fluoranthene	19.02	202	3498882	51.262	ng	99
78) Pyrene	19.37	202	3122148	66.453	ng	99
81) Benzo(a)anthracene	21.08	228	1489649	34.025	ng	99
83) Chrysene	21.13	228	1347288	32.481	ng	97
87) Indeno(1,2,3-cd)pyrene	25.51	276	811440	16.872	ng	97
88) Benzo(b)fluoranthene	22.64	252	1580891m	38.125	ng	
89) Benzo(k)fluoranthene	22.68	252	549458m	13.946	ng	
90) Benzo(a)pyrene	23.20	252	1187802	30.567	ng	98
91) Dibenzo(a,h)anthracene	25.51	278	209436m	5.429	ng	
92) Benzo(a,h,i)perylene	26.18	276	801392	20.057	ng	98

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

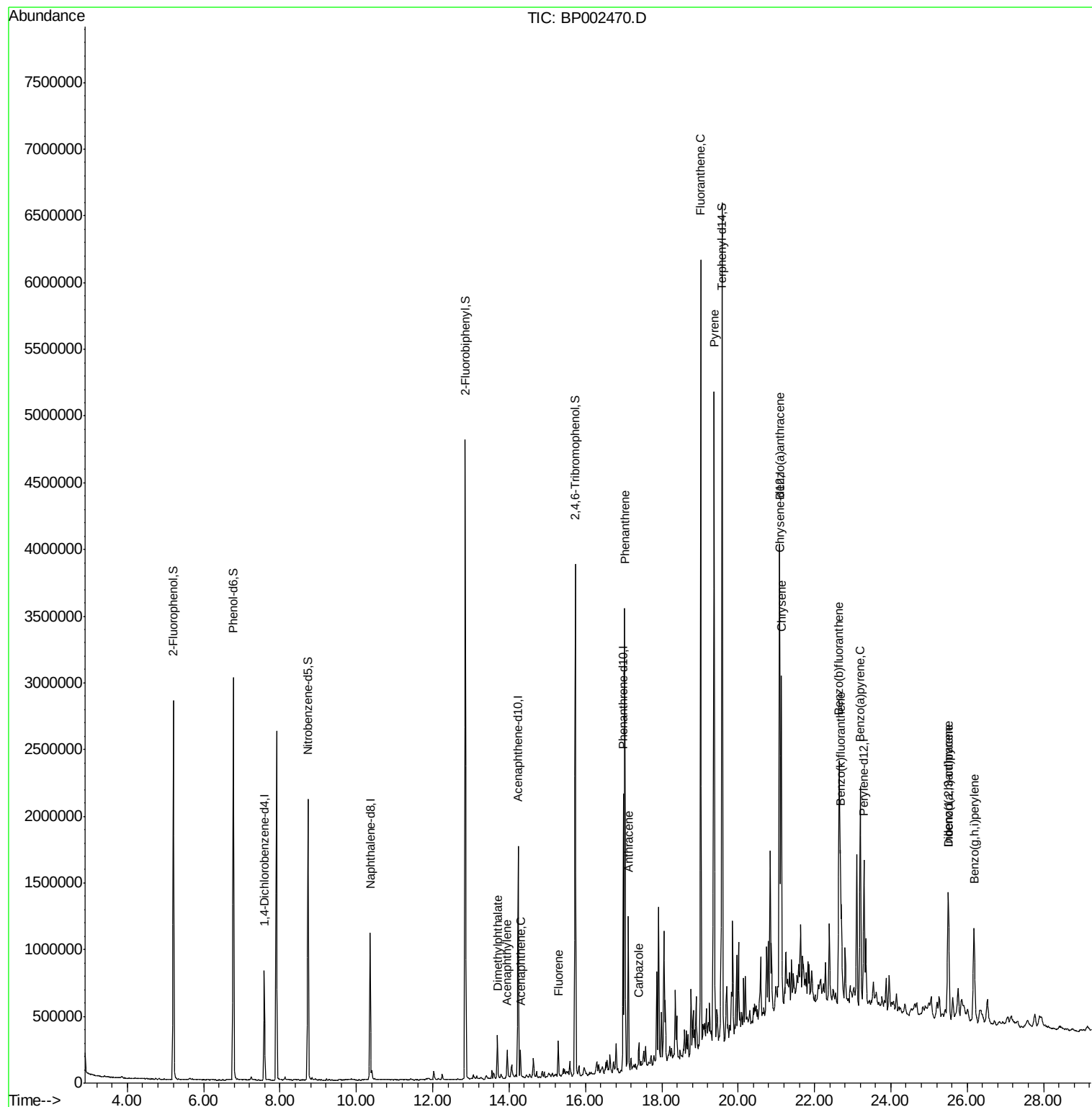
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002470.D
Acq On : 19 Jun 2020 21:42
Operator : CG/JU
Sample : L3056-02
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ALS Vial : 14 Sample Multiplier: 1

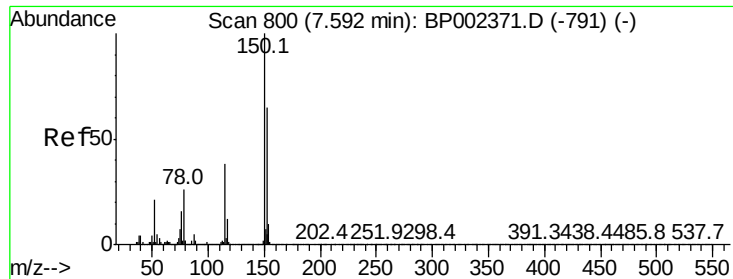
Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

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Quant Time: Jun 20 03:42:19 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: BP002470.D

Acq: 19 Jun 2020 21:42

Instrument :

BNA_P

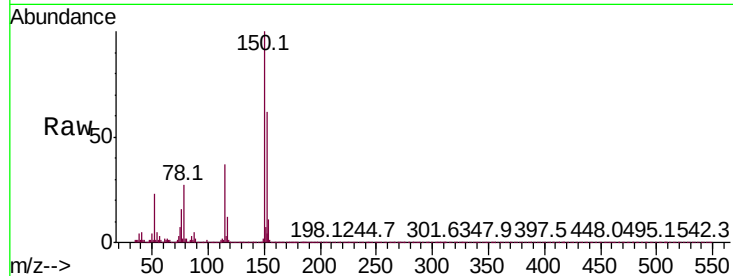
ClientSampleId :

SAMPLE-B-LOT-11

Tot Ion:	152	Resp:	211364
Ion Ratio	Lower	Upper	
152	100		
150	160.7	124.0	186.0
115	59.3	47.4	71.0

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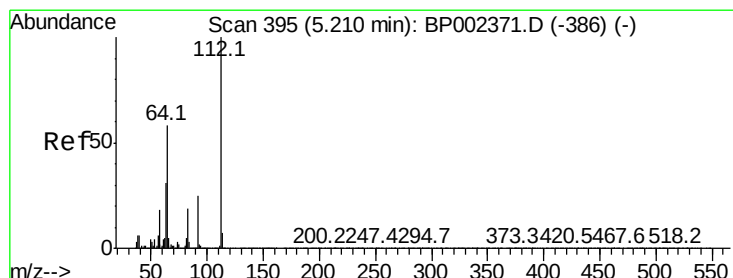
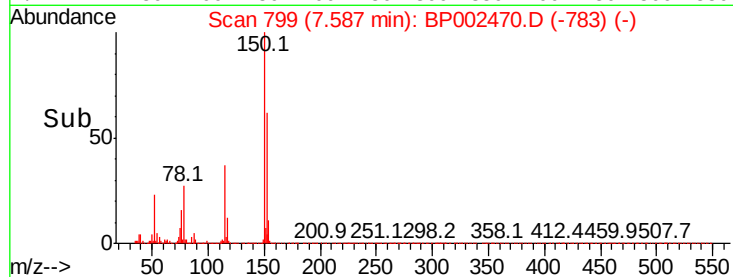
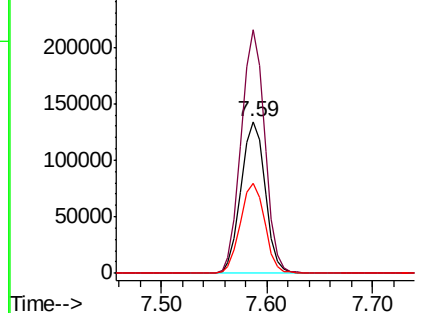
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 110.959 ng

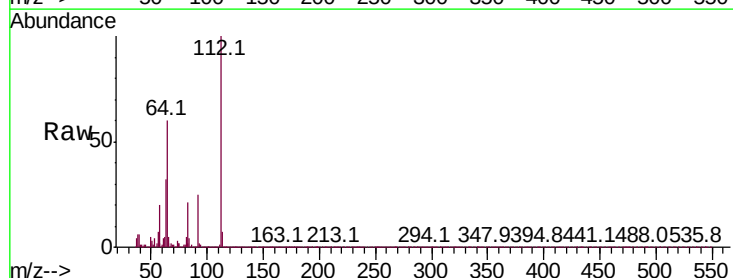
RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

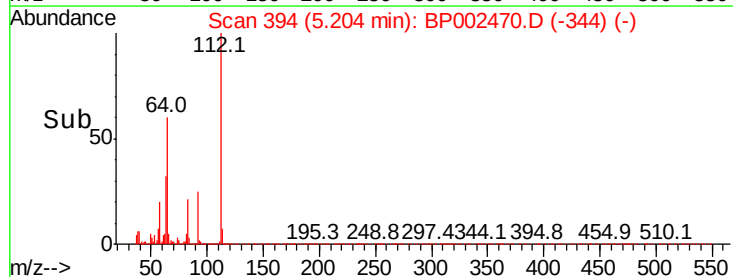
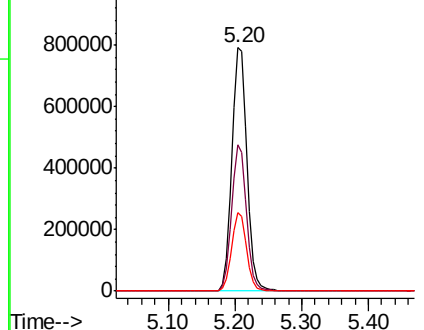
Tgt Ion:	112	Resp:	1267429
Ion Ratio	Lower	Upper	
112	100		
64	60.0	46.2	69.2
63	32.5	24.5	36.7

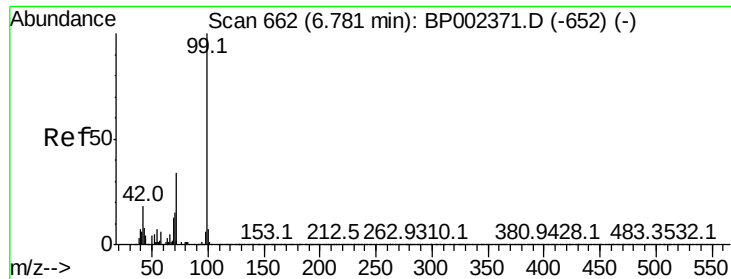


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 117.400 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Instrument :

BNA_P

ClientSampleId :

SAMPLE-B-LOT-11

Tot Ion: 99 Resp: 1785403

Ion Ratio Lower Upper

99 100

42 18.6 14.6 22.0

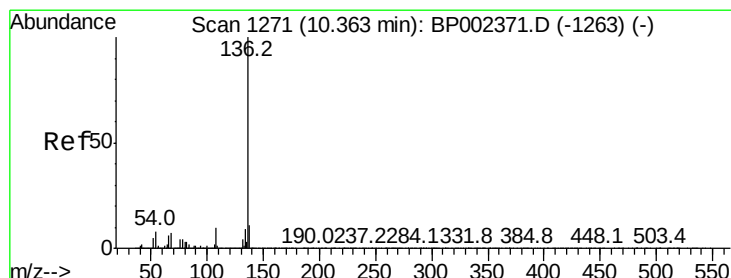
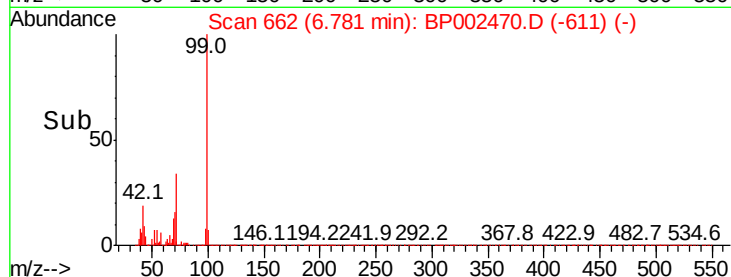
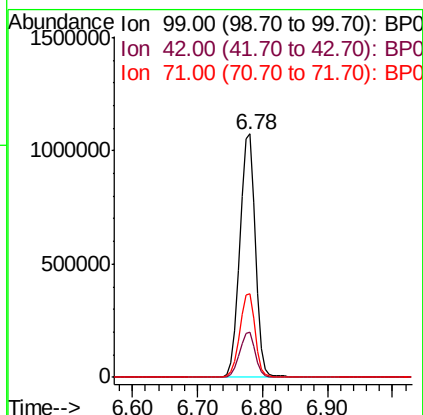
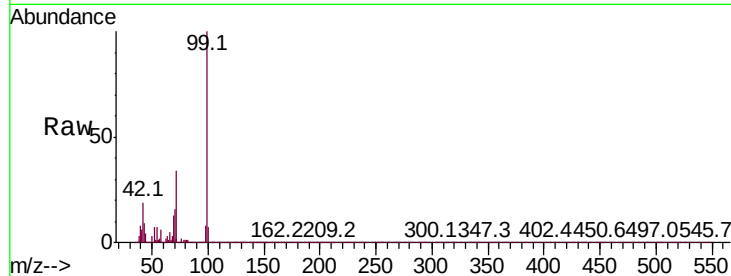
71 34.2 27.2 40.8

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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: BP002470.D

Acq: 19 Jun 2020 21:42

Tgt Ion: 136 Resp: 895794

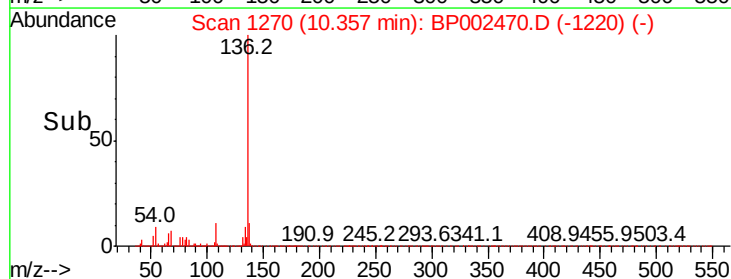
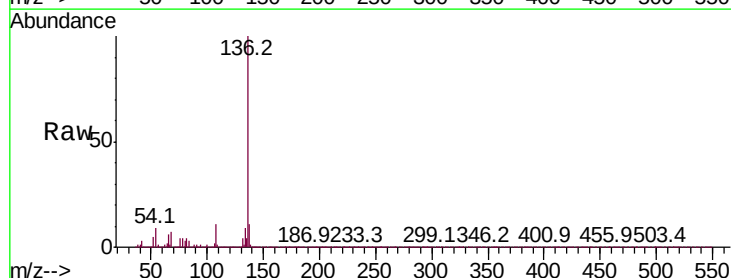
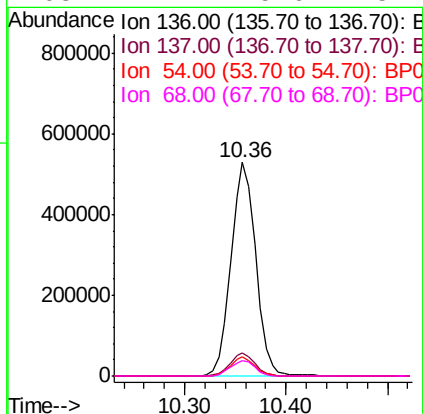
Ion Ratio Lower Upper

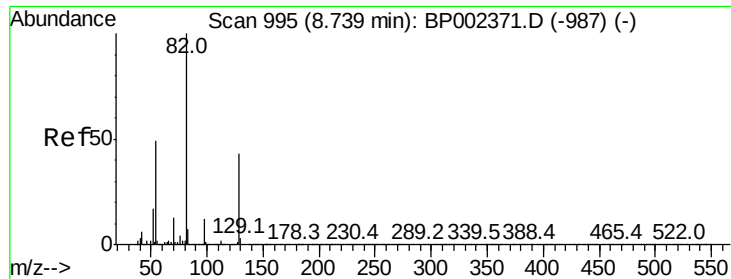
136 100

137 10.6 8.8 13.2

54 8.8 6.4 9.6

68 7.1 5.6 8.4





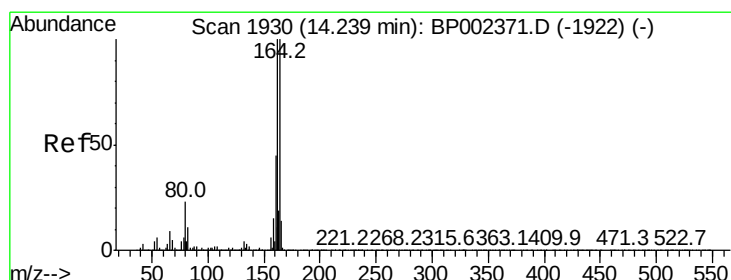
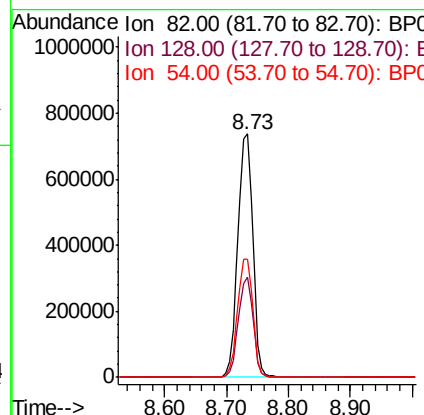
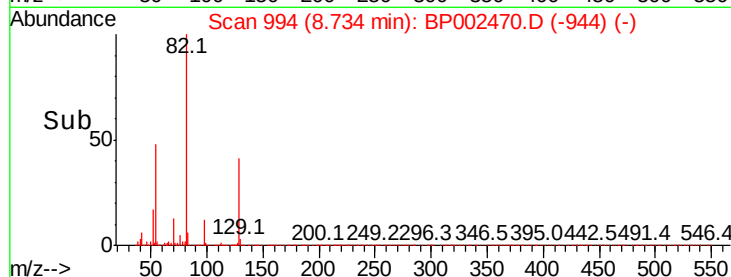
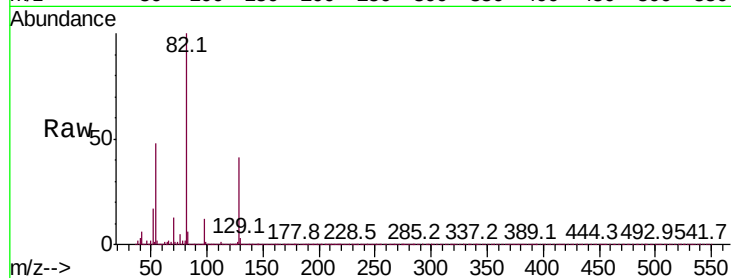
#23
Nitrobenzene-d5
Concen: 82.710 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.5	51.7
54	48.5	39.4	59.2

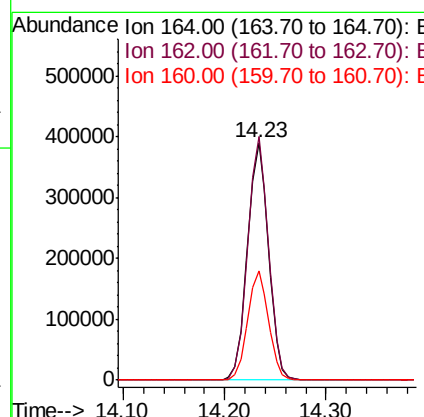
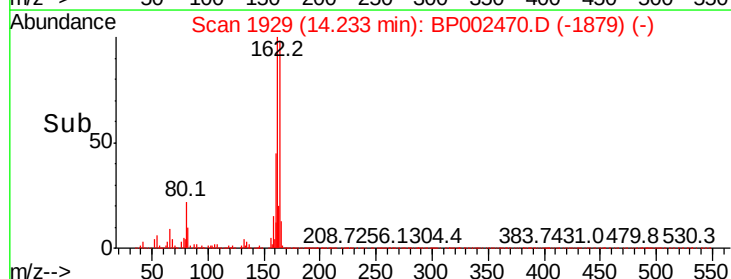
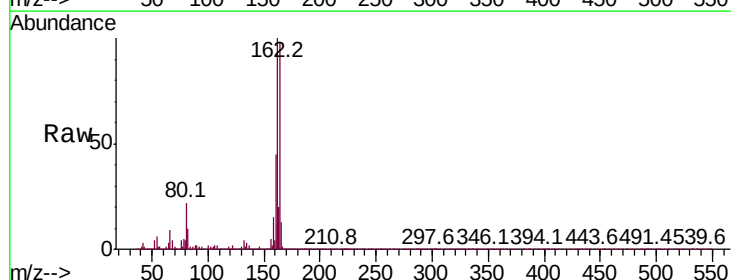
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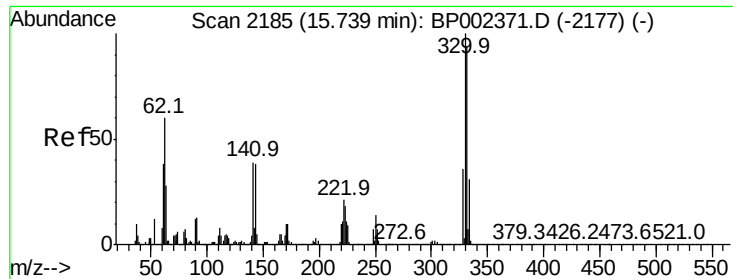
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.8	119.8
160	45.9	36.2	54.2





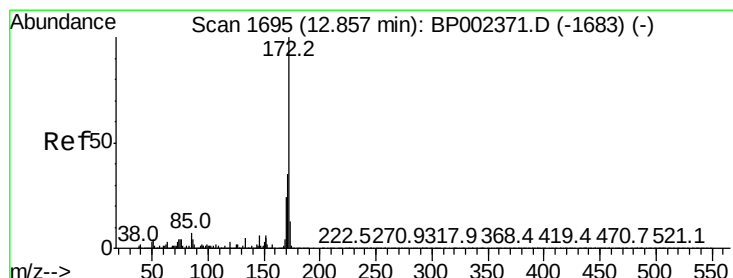
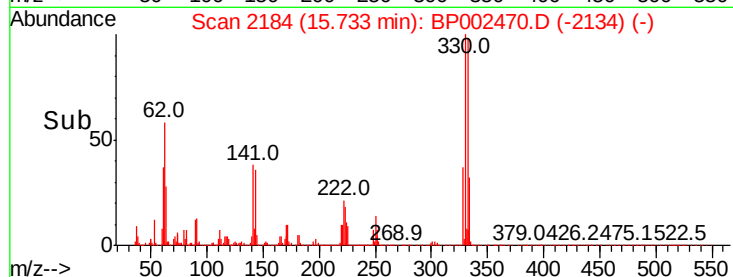
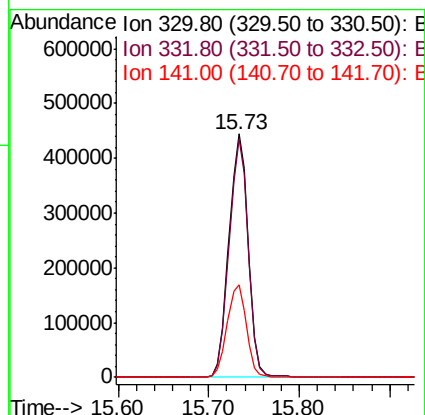
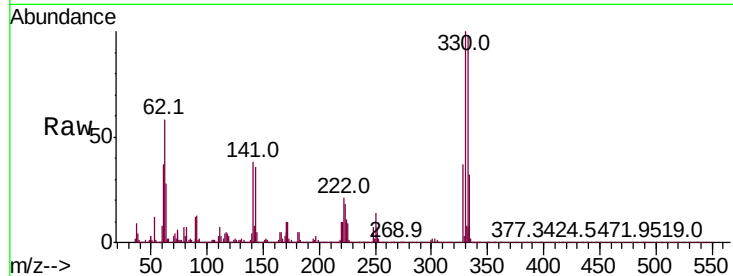
#42
 2,4,6-Tribromophenol
 Concen: 121.484 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002470.D
 Acq: 19 Jun 2020 21:42

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	37.6	30.3	45.5

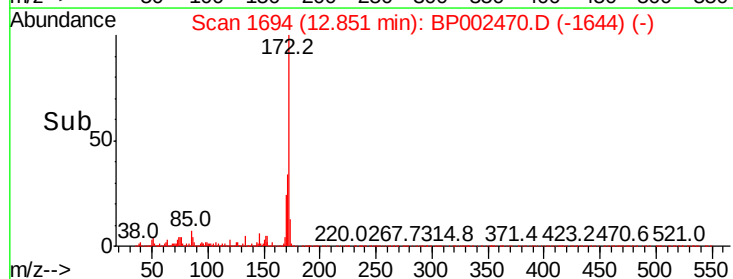
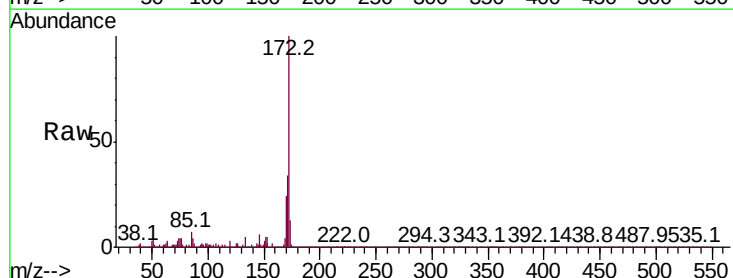
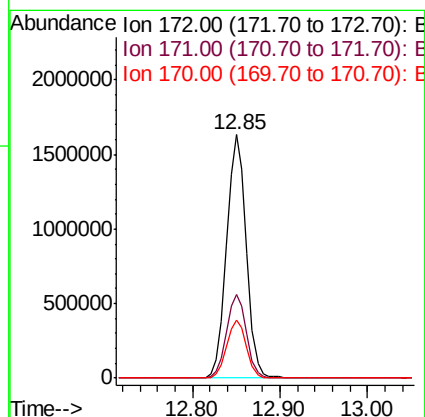
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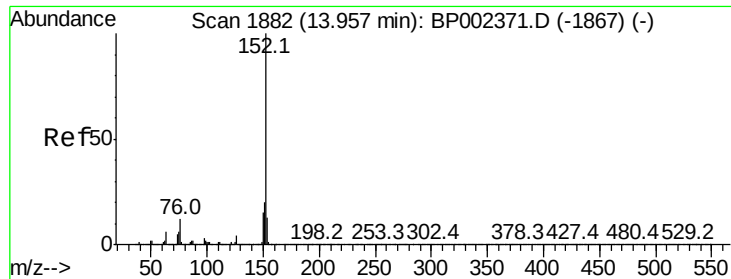
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#45
 2-Fluorobiphenyl
 Concen: 75.416 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BP002470.D
 Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	23.6	19.0	28.6





#49

Acenaphthylene

Concen: 3.483 ng

RT: 13.95 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Instrument :

BNA_P

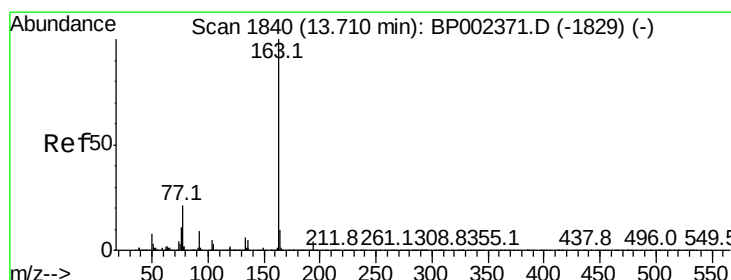
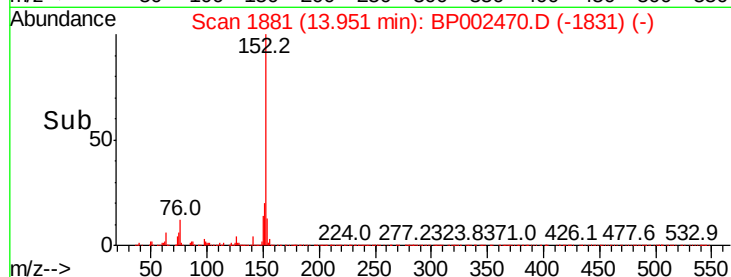
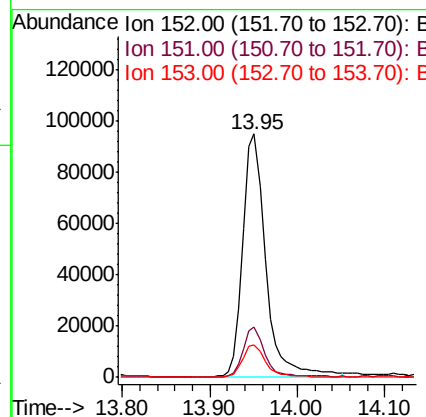
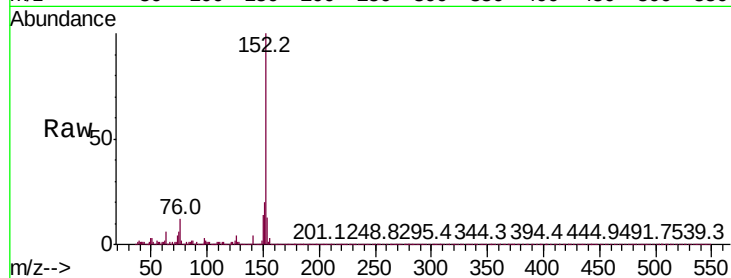
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.5	10.5	15.7

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#50

Dimethylphthalate

Concen: 5.163 ng

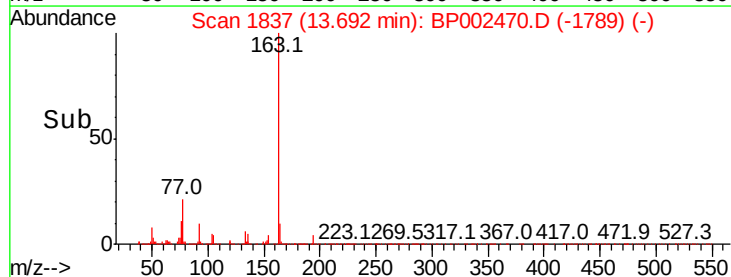
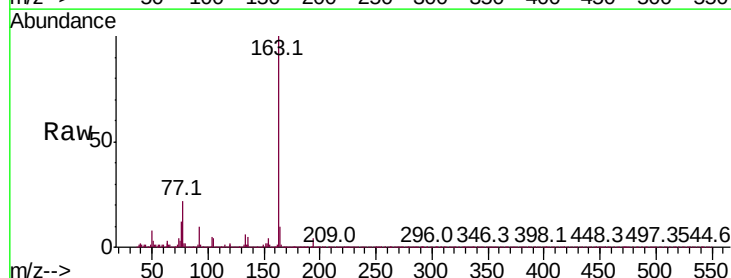
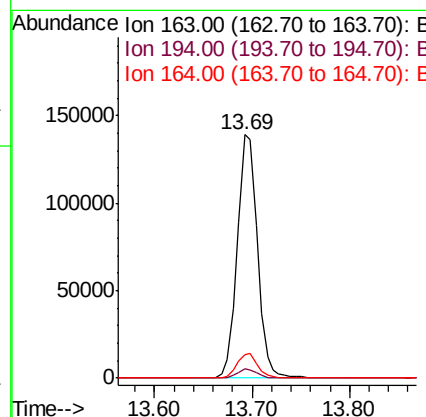
RT: 13.69 min Scan# 1837

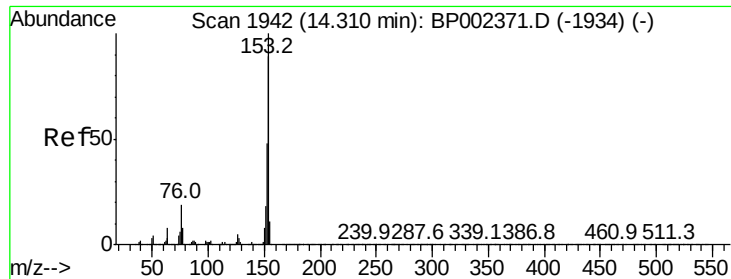
Delta R.T. -0.02 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.6	8.1	12.1





#52

Acenaphthene

Concen: 2.548 ng

RT: 14.30 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

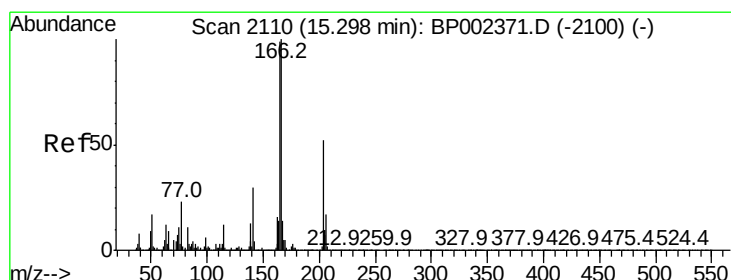
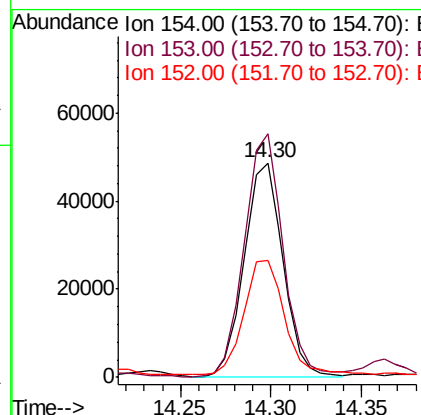
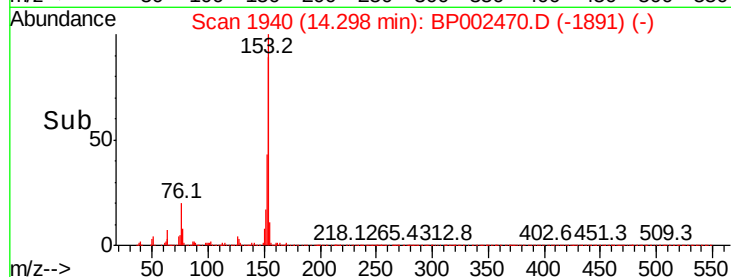
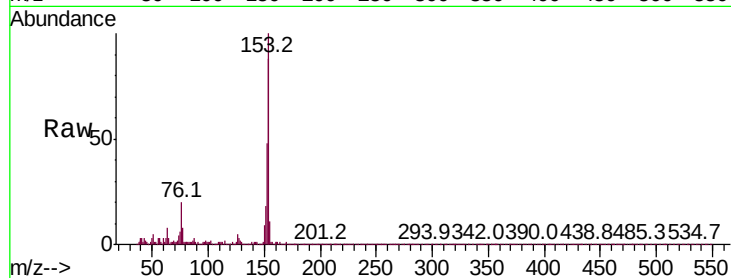
Instrument :
BNA_P

ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion:154	Resp:	72114
Ion Ratio	Lower	Upper
154	100	
153	113.4	89.5 134.3
152	54.7	43.3 64.9

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#58

Fluorene

Concen: 3.148 ng

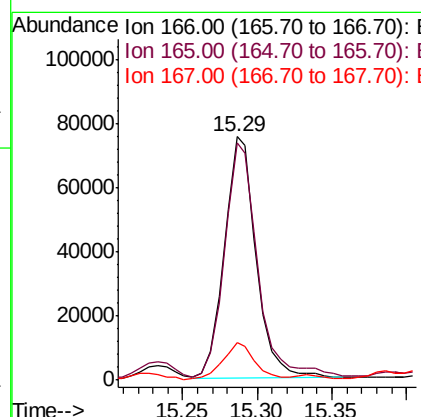
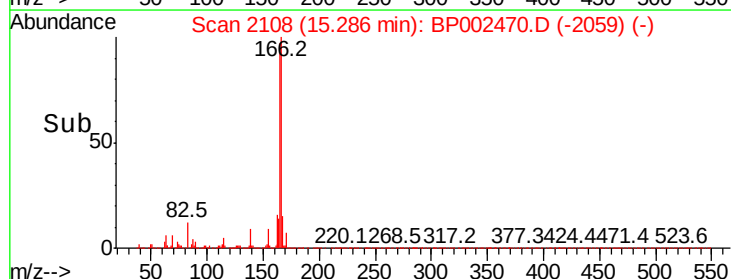
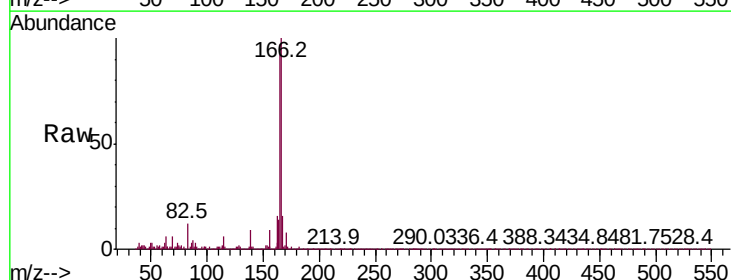
RT: 15.29 min Scan# 2108

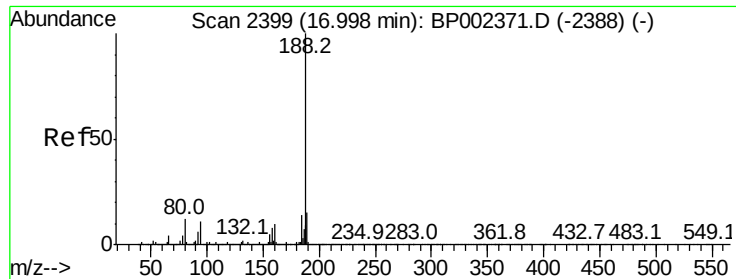
Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Tgt Ion:166	Resp:	112857
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.1 118.7
167	15.6	11.0 16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Instrument :

BNA_P

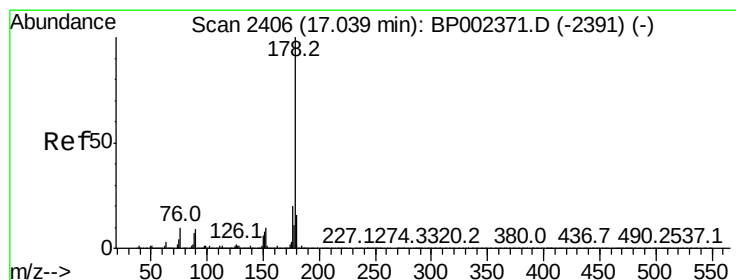
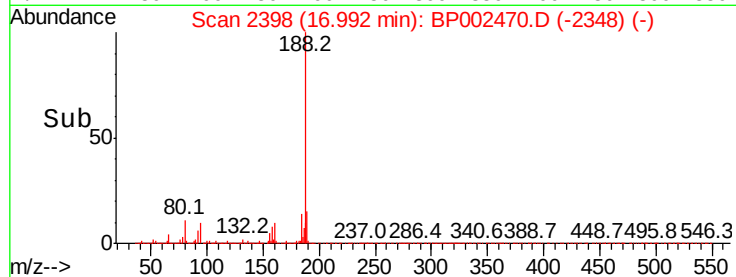
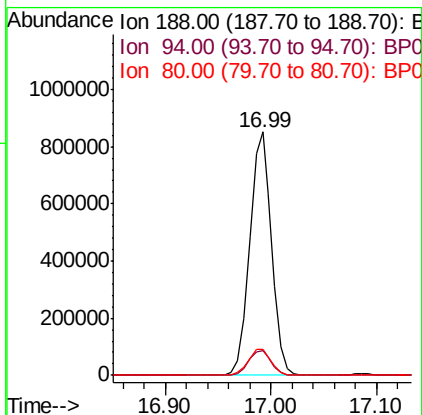
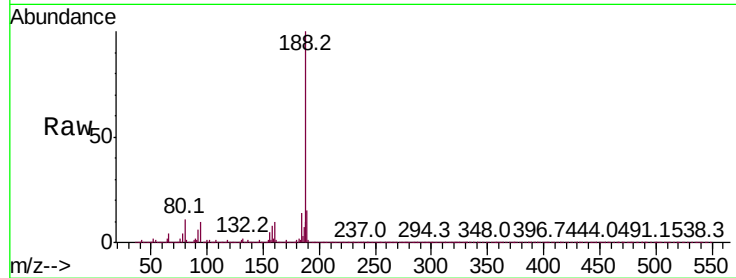
ClientSampleId :

SAMPLE-B-LOT-11

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

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#71

Phenanthrene

Concen: 36.713 ng

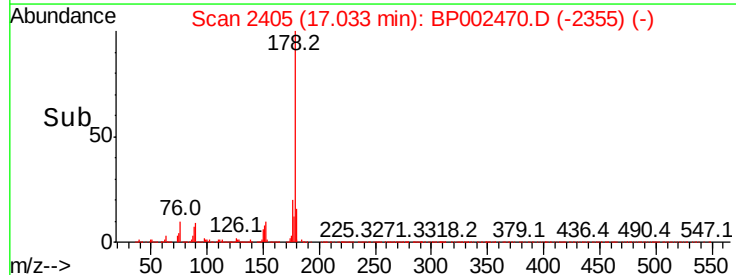
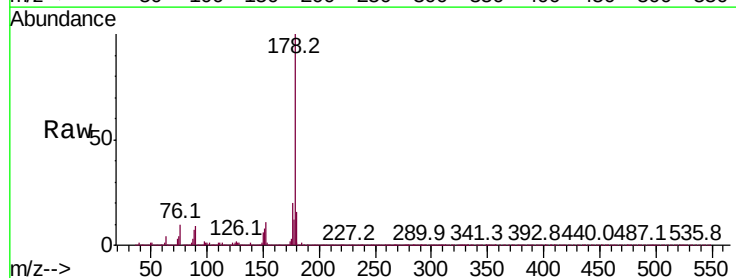
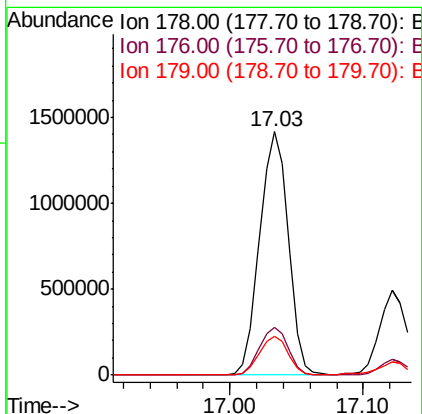
RT: 17.03 min Scan# 2405

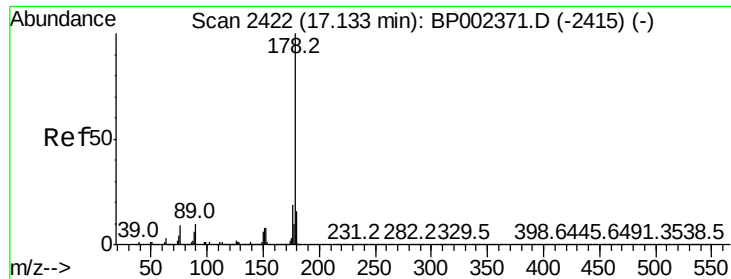
Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.1	12.5	18.7





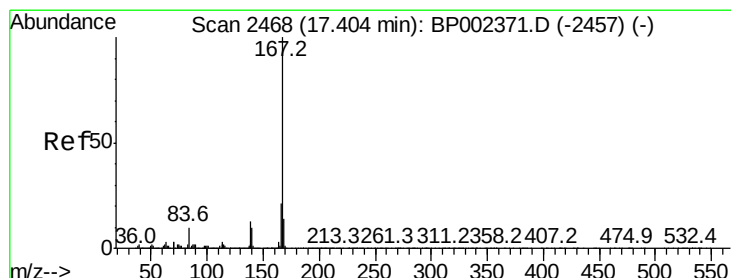
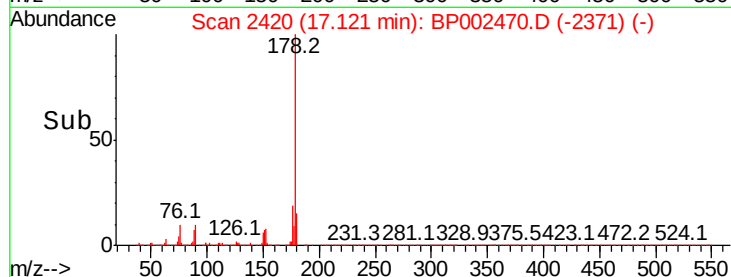
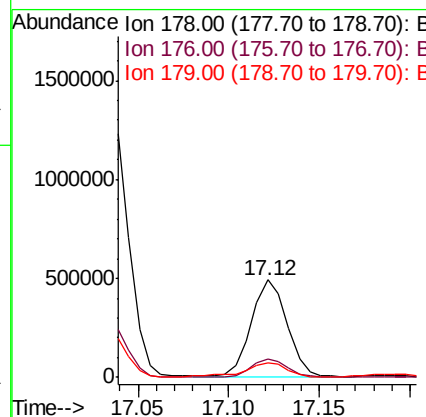
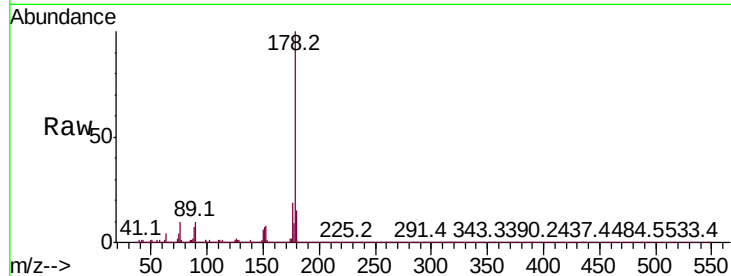
#72
 Anthracene
 Concen: 11.876 ng
 RT: 17.12 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BP002470.D
 Acq: 19 Jun 2020 21:42

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.2	13.0	19.4

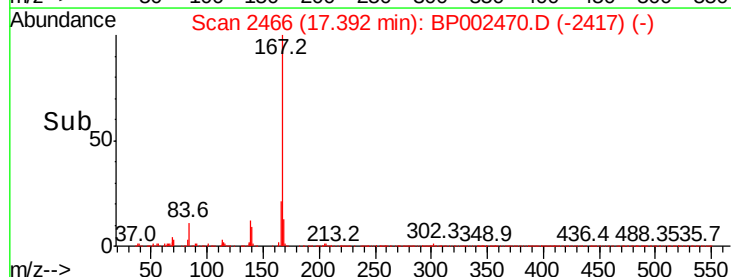
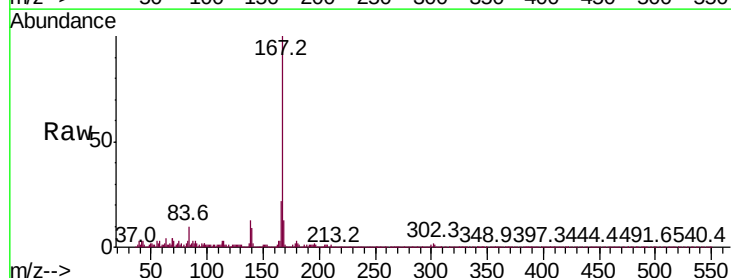
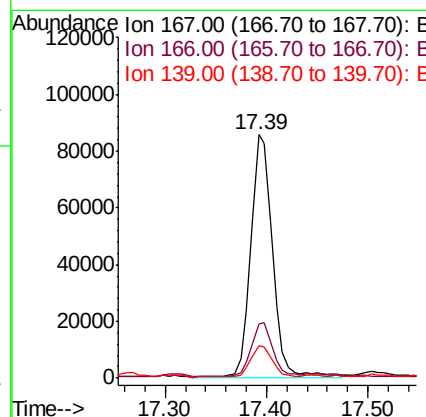
Manual Integrations
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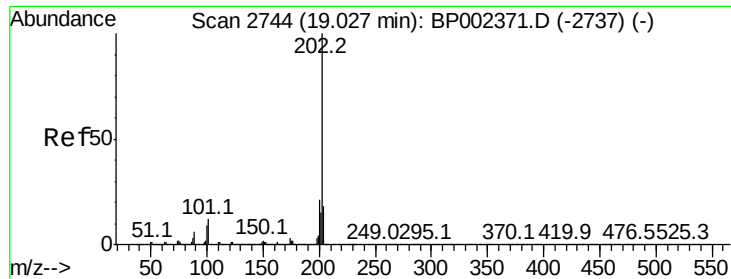
mohammad
 6/22/2020 3:26:23 PM



#73
 Carbazole
 Concen: 2.268 ng
 RT: 17.39 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BP002470.D
 Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	13.2	10.3	15.5





#75

Fluoranthene

Concen: 51.262 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Instrument :

BNA_P

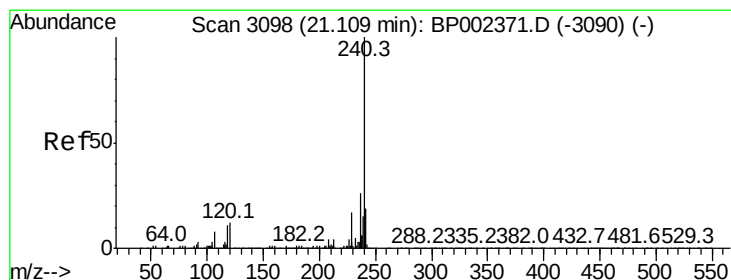
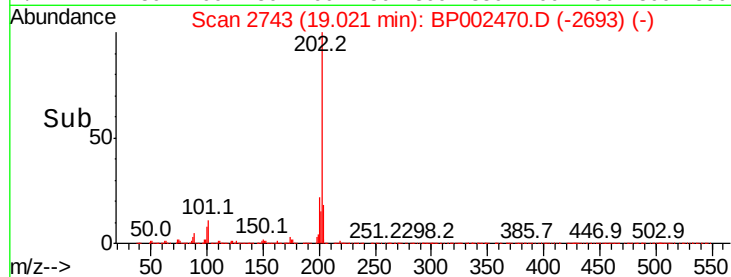
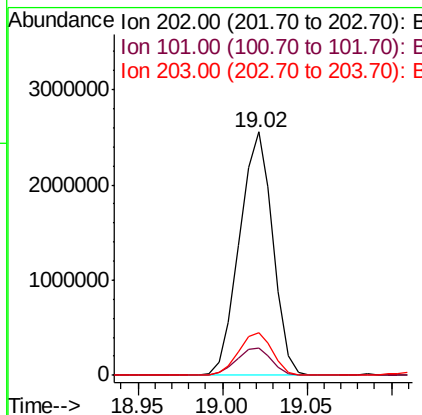
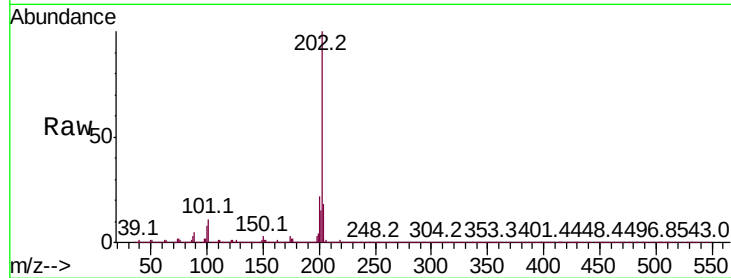
ClientSampleId :

SAMPLE-B-LOT-11

Tot Ion:	202	Resp:	3498882
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	17.7	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

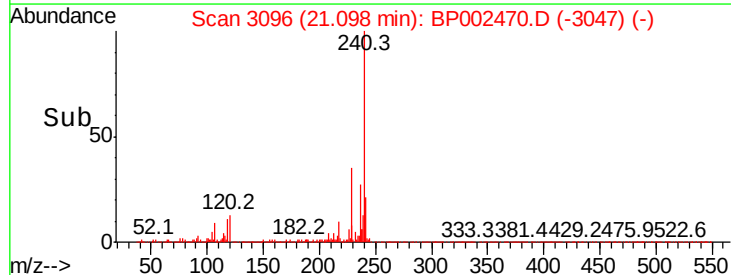
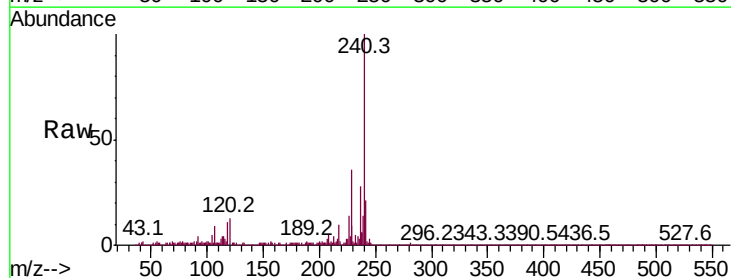
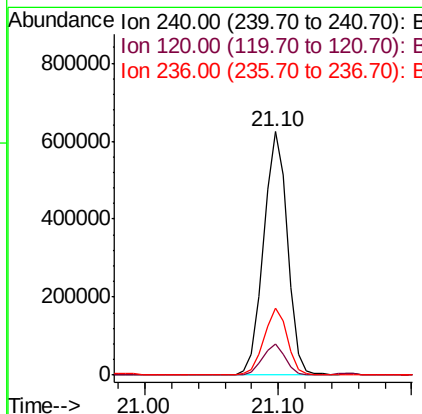
RT: 21.10 min Scan# 3096

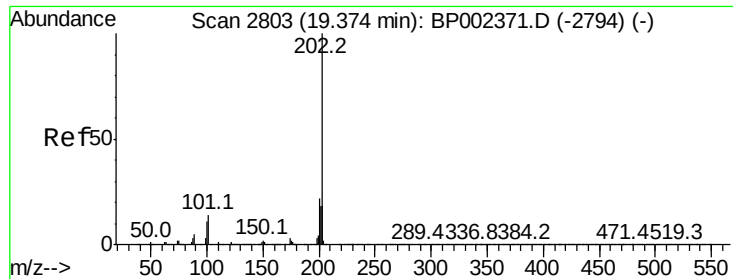
Delta R.T. -0.01 min

Lab File: BP002470.D

Acq: 19 Jun 2020 21:42

Tgt Ion:	240	Resp:	767021
Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.3	13.9
236	27.7	21.0	31.6





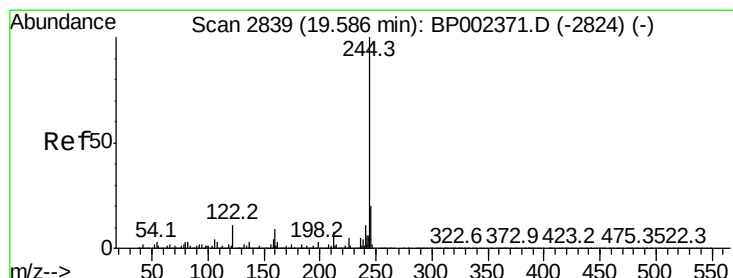
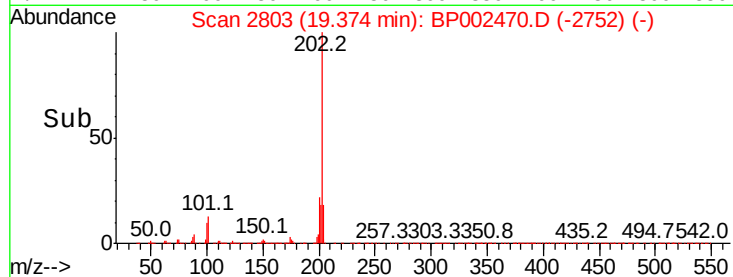
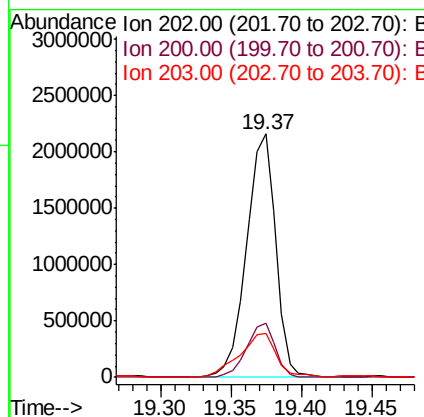
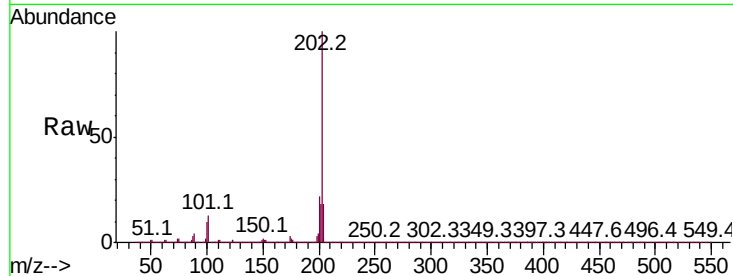
#78
Pvrene
Concen: 66.453 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion:	202	Resp:	3122148
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.9	14.6	22.0

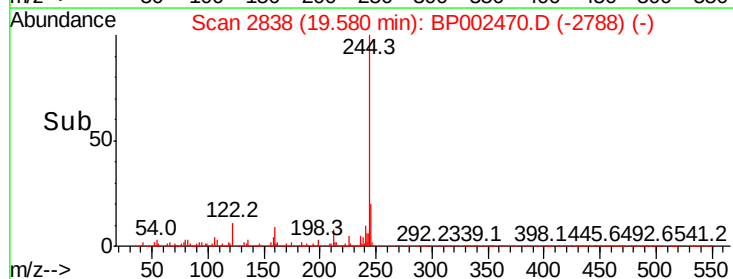
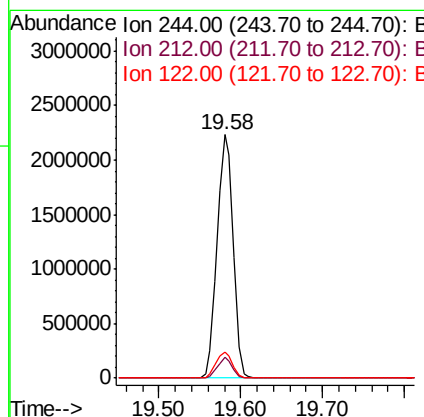
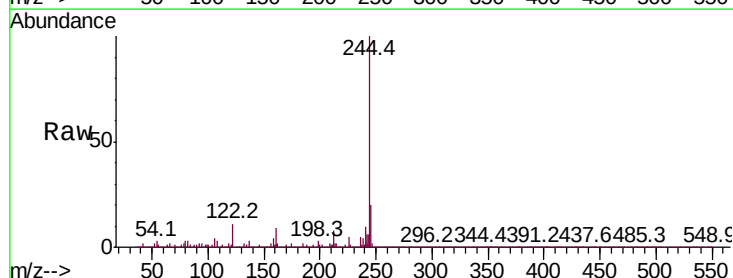
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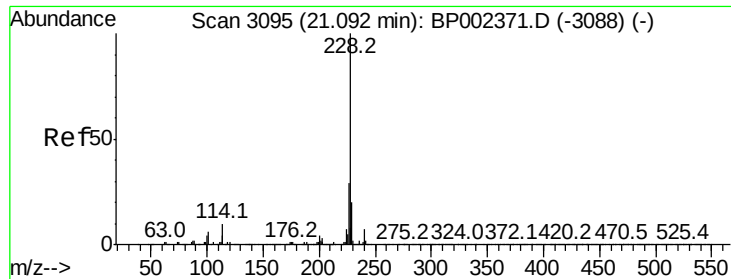
mohammad
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#79
Terphenyl-d14
Concen: 110.807 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion:	244	Resp:	3055081
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	10.7	8.8	13.2





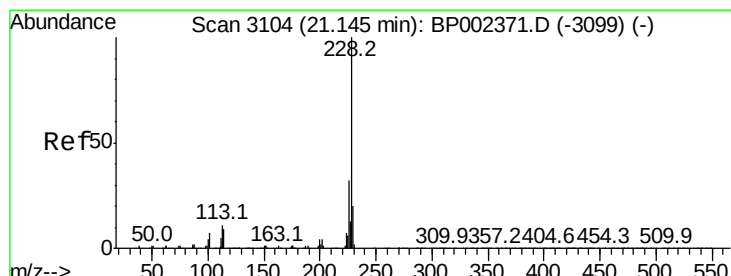
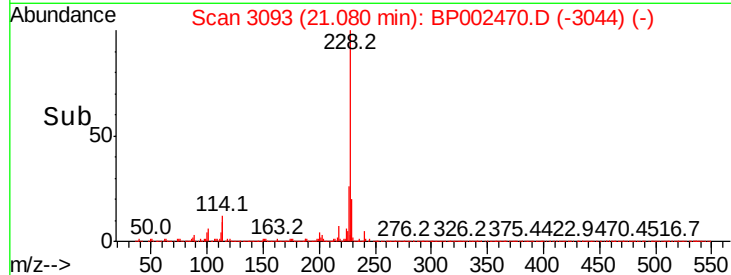
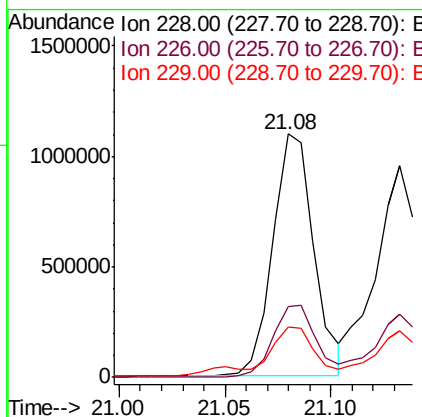
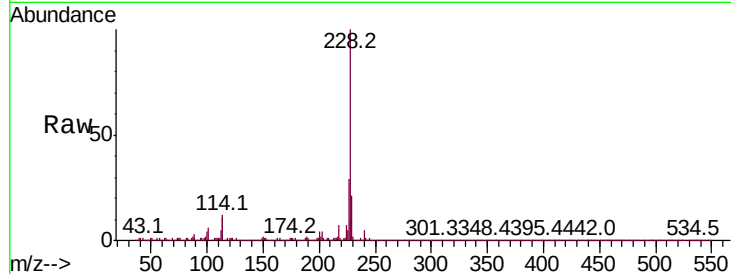
#81
Benzo(a)anthracene
Concen: 34.025 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.8	34.2
229	20.5	16.2	24.2

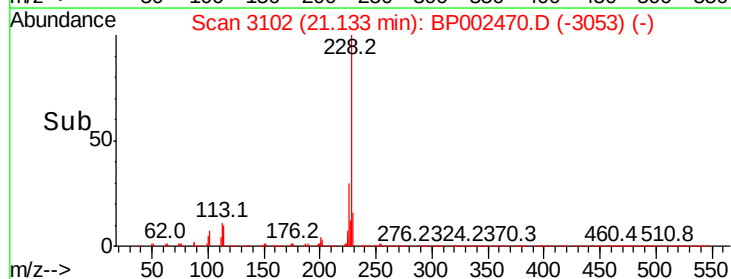
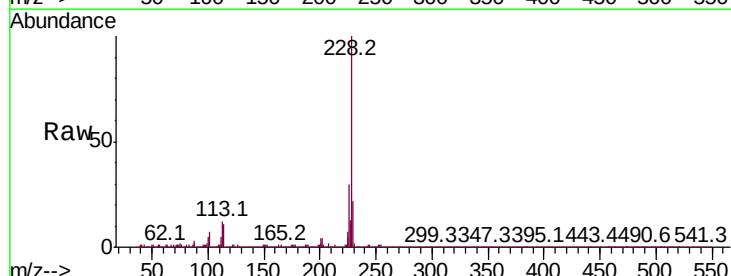
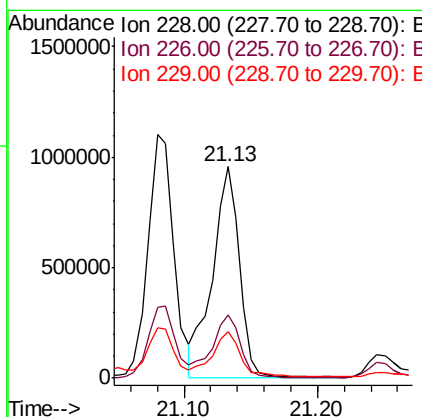
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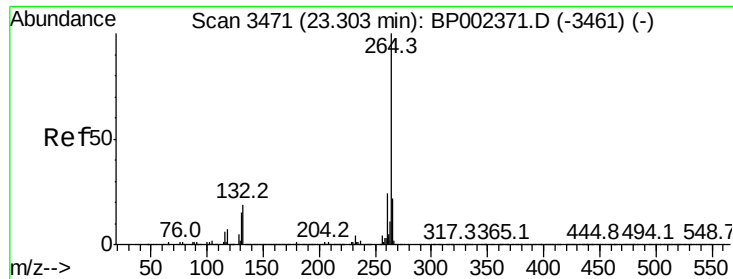
mohammad
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#83
Chrysene
Concen: 32.481 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	21.9	16.1	24.1





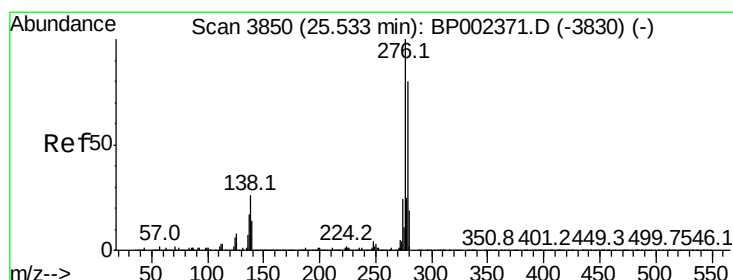
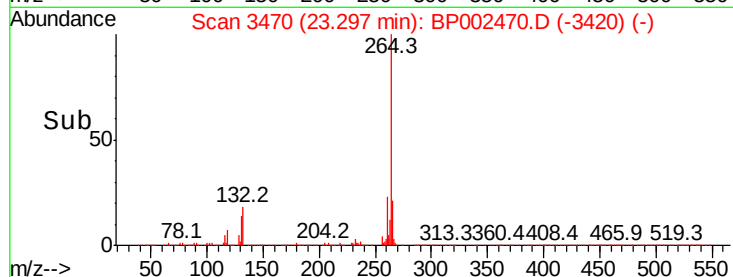
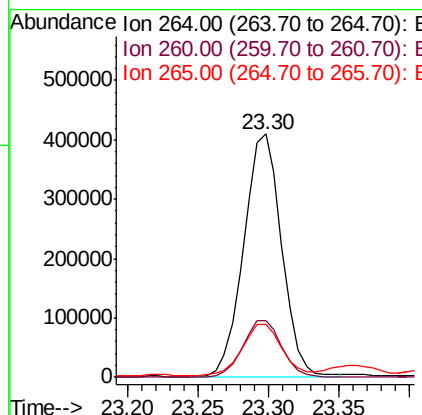
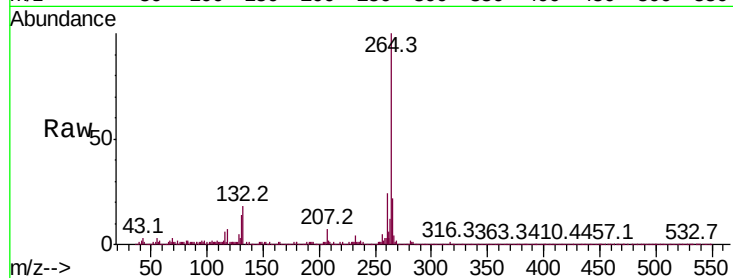
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.4	29.0	
265	21.6	17.4	26.2	

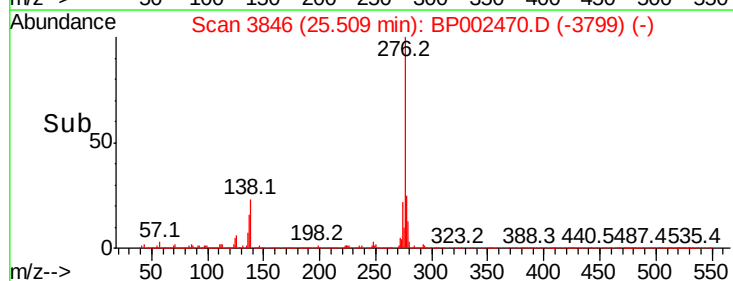
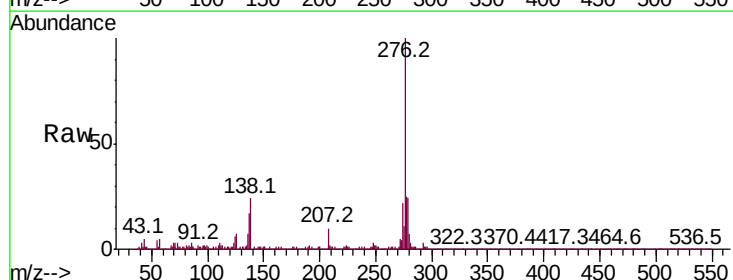
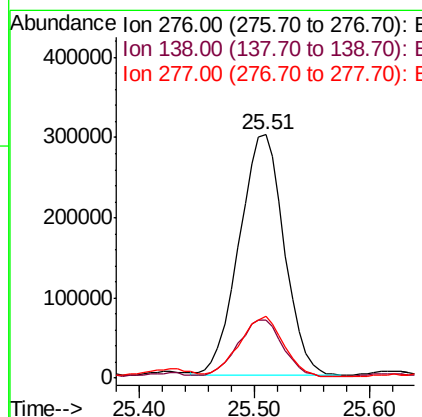
Manual Integrations
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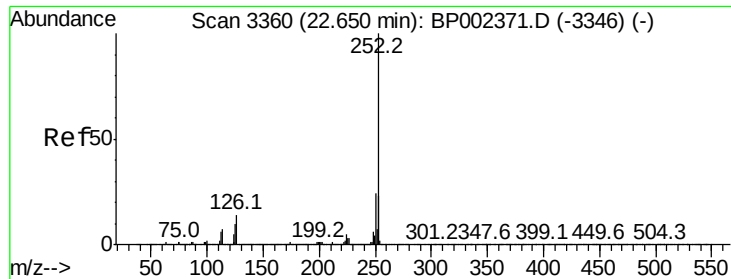
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 16.872 ng
RT: 25.51 min Scan# 3846
Delta R.T. -0.02 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.8	21.2	31.8	
277	24.7	20.3	30.5	





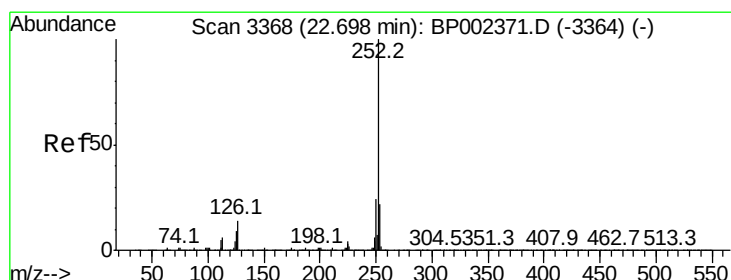
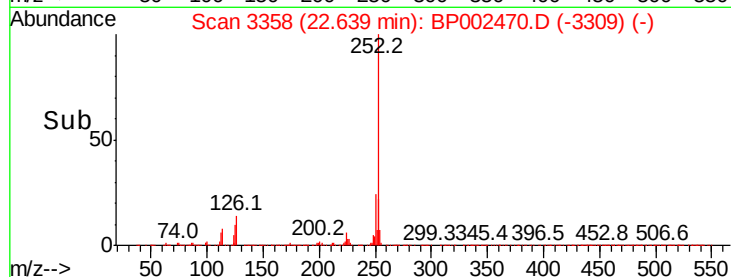
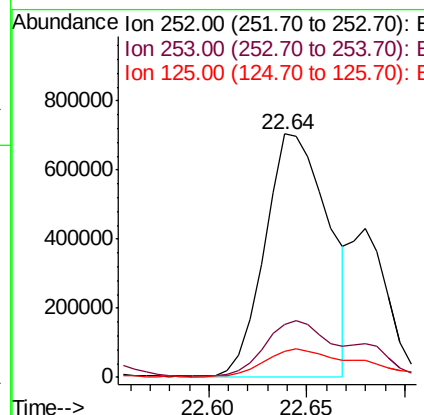
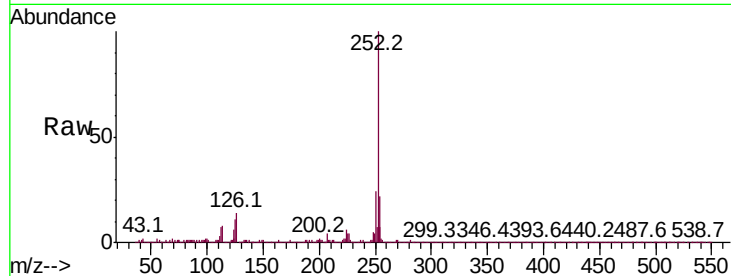
#88
Benzo(b)fluoranthene
Concen: 38.125 ng m
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	8.2	12.2

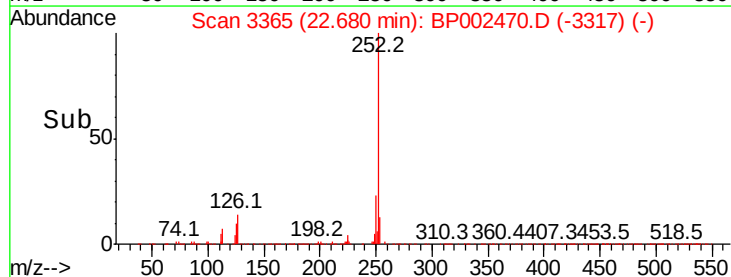
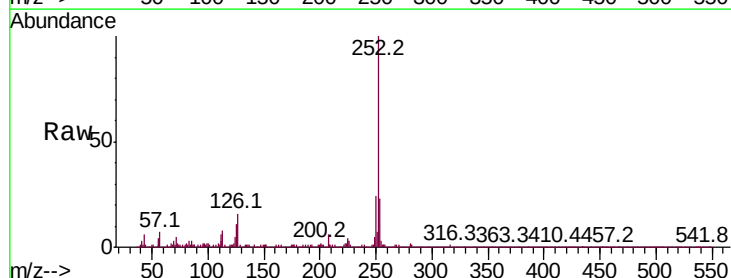
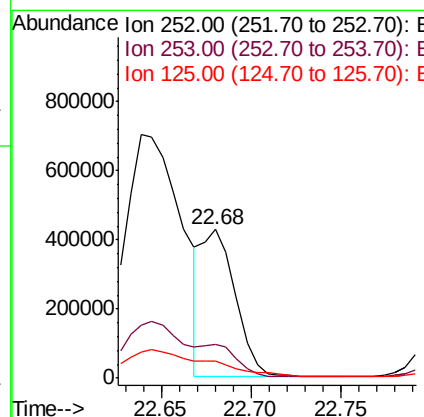
Manual Integrations
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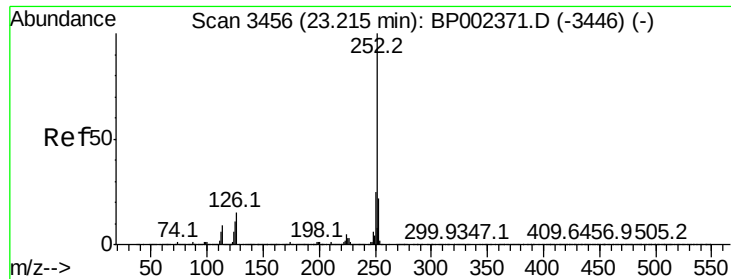
mohammad
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#89
Benzo(k)fluoranthene
Concen: 13.946 ng m
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.5	7.8	11.8





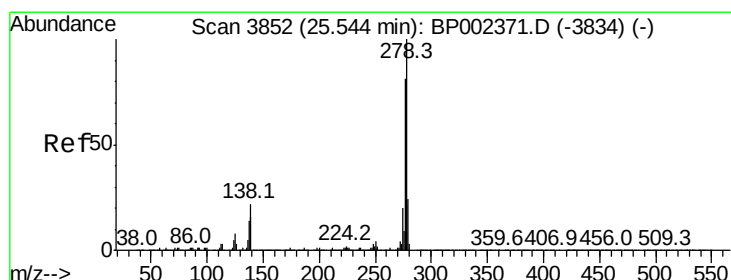
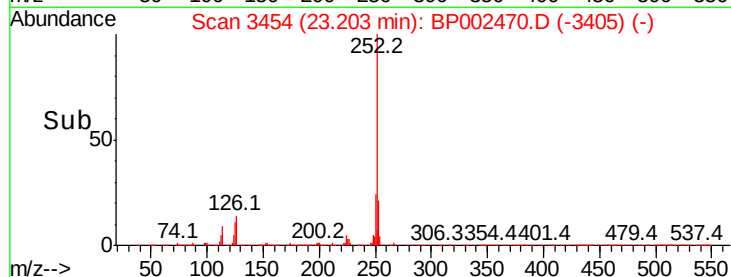
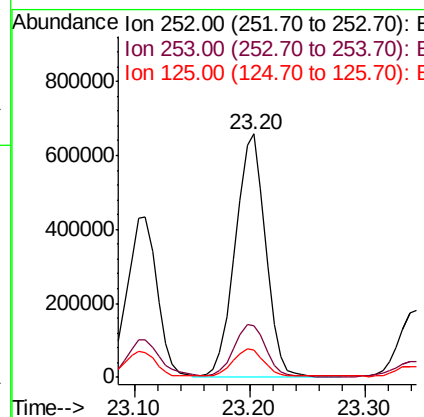
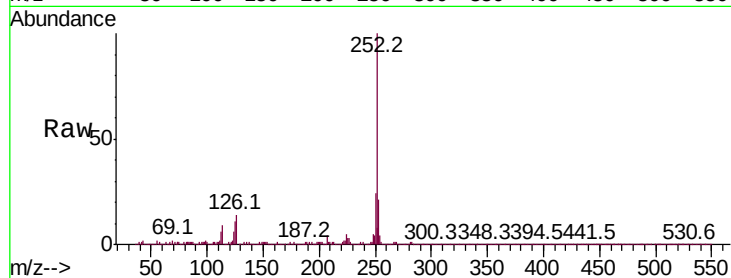
#90
Benzo(a)pyrene
Concen: 30.567 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Instrument :
BNA_P
ClientSampleId :
SAMPLE-B-LOT-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	11.2	9.2	13.8

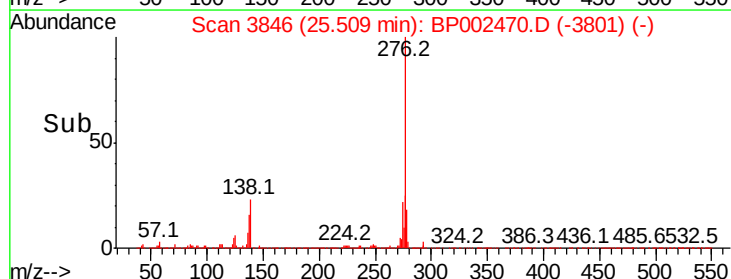
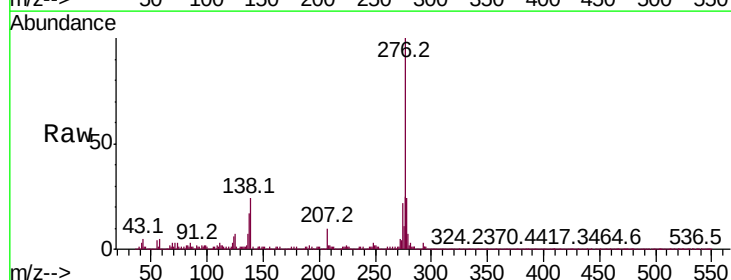
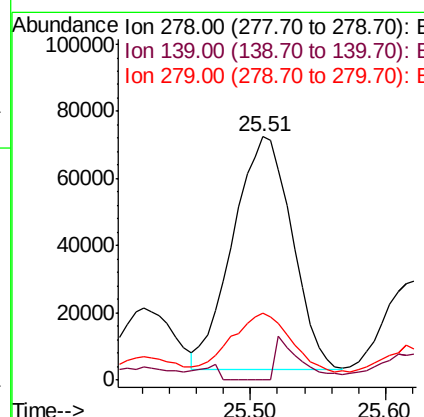
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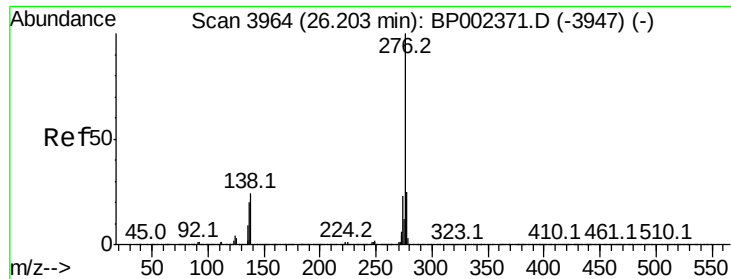
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 5.429 ng m
RT: 25.51 min Scan# 3846
Delta R.T. -0.04 min
Lab File: BP002470.D
Acq: 19 Jun 2020 21:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	27.7	18.9	28.3





#92
 Benzo(a,h,i)perylene
 Concen: 20.057 ng
 RT: 26.18 min Scan# 3960
 Delta R.T. -0.02 min
 Lab File: BP002470.D
 Acq: 19 Jun 2020 21:42

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-B-LOT-11

Tot Ion:	276	Resp:	801392
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.8	29.6
138	24.8	19.2	28.8

Manual Integrations
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 6/22/2020 3:26:23 PM

