

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
 Data File : BP003246.D
 Acq On : 09 Sep 2020 18:10
 Operator : CG/JU
 Sample : L3870-01DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-090820DL

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Quant Time: Sep 09 18:48:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	210225	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	861034	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	527591	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1092801	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1009297	20.00	ng	0.00
86) Perylene-d12	23.38	264	1122881	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	396126	33.31	ng	0.00
7) Phenol-d6	6.84	99	478765	32.12	ng	0.00
23) Nitrobenzene-d5	8.79	82	283748	23.76	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	245770	34.44	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	880751	24.45	ng	0.00
79) Terphenyl-d14	19.62	244	1189404	25.93	ng	0.00
Target Compounds						
49) Acenaphthylene	14.01	152	487796	9.959	ng	99
50) Dimethylphthalate	13.75	163	145050	3.605	ng	98
58) Fluorene	15.35	166	186462	5.122	ng	98
71) Phenanthrene	17.09	178	1694393	28.614	ng	99
72) Anthracene	17.18	178	744026	13.129	ng	99
75) Fluoranthene	19.07	202	2912739	42.560	ng	99
78) Pyrene	19.42	202	2693855	41.124	ng	99
81) Benzo(a)anthracene	21.13	228	1619948	25.624	ng	96
83) Chrysene	21.18	228	1342912	22.185	ng	98
87) Indeno(1,2,3-cd)pyrene	25.65	276	901363	10.764	ng	96
88) Benzo(b)fluoranthene	22.71	252	1874874m	26.864	ng	
89) Benzo(k)fluoranthene	22.75	252	574460m	8.615	ng	
90) Benzo(a)pyrene	23.28	252	1418553	21.909	ng	97
91) Dibenzo(a,h)anthracene	25.65	278	260604m	3.788	ng	
92) Benzo(a,h,i)perylene	26.35	276	827600	11.988	ng	98

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

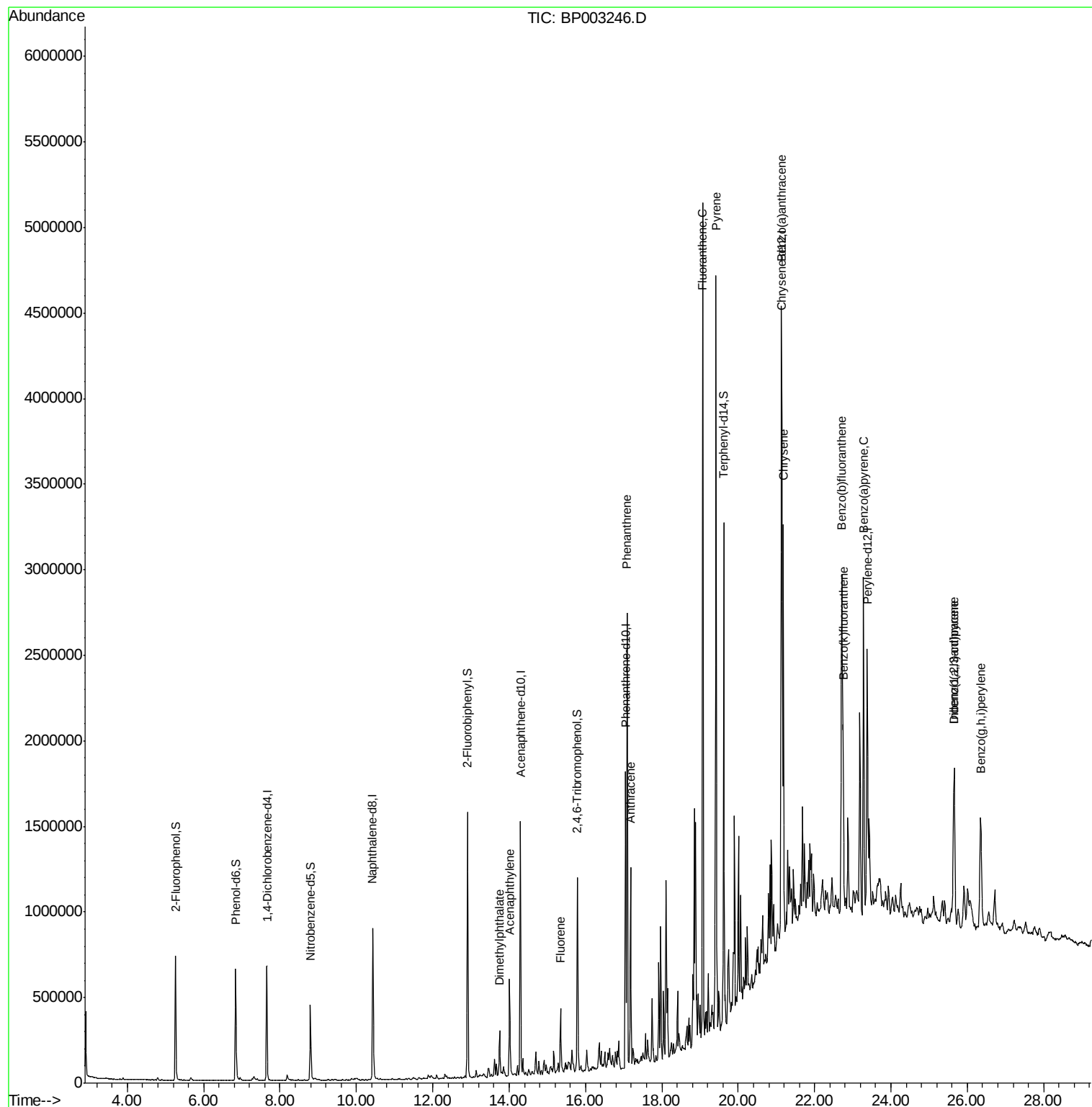
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090920\
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ALS Vial : 10 Sample Multiplier: 1

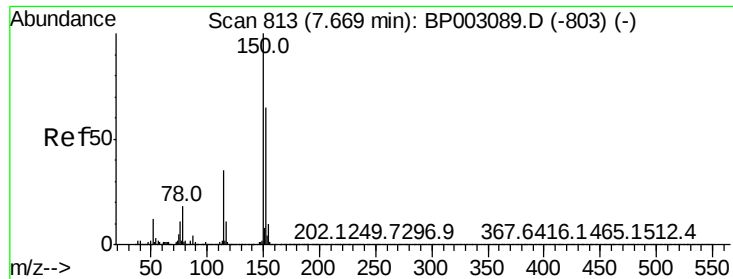
Instrument :
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SU-04-090820DL

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Instrument :

BNA_P

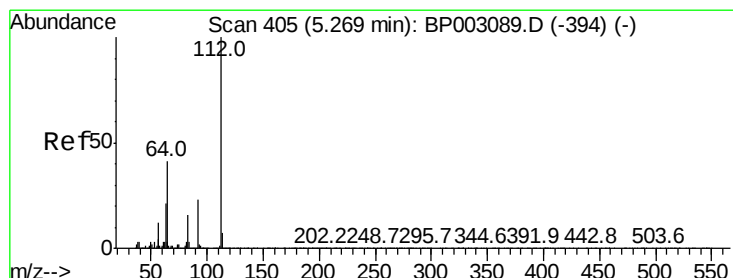
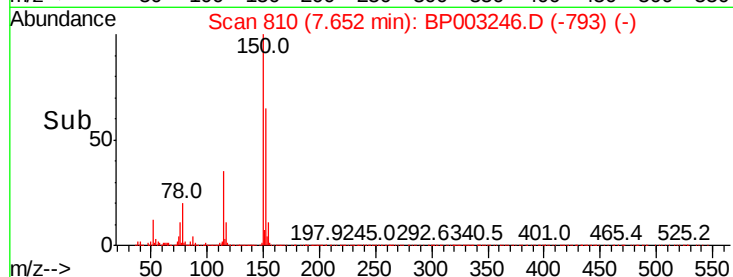
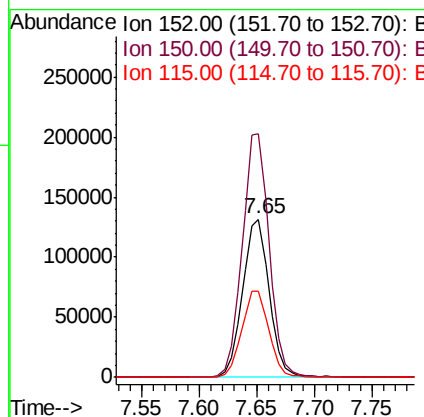
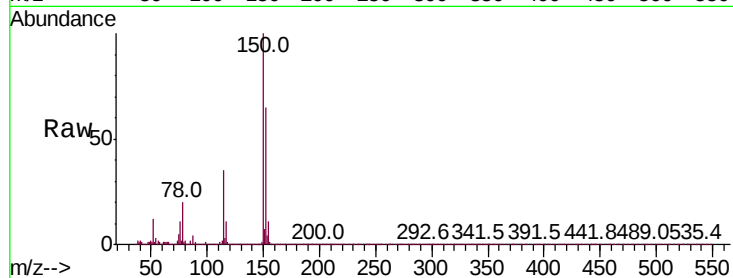
ClientSampleID :

SU-04-090820DL

Tot Ion:	152	Resp:	210225
Ion Ratio	Lower	Upper	
152	100		
150	154.0	123.8	185.6
115	54.6	43.8	65.6

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#5

2-Fluorophenol

Concen: 33.315 ng

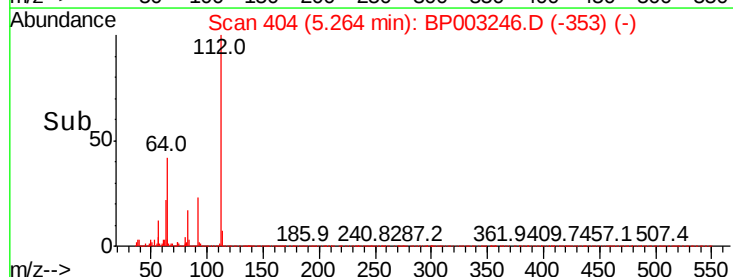
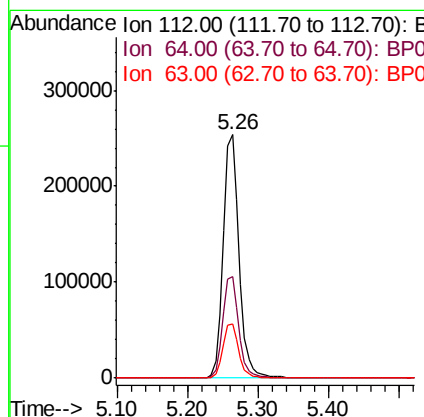
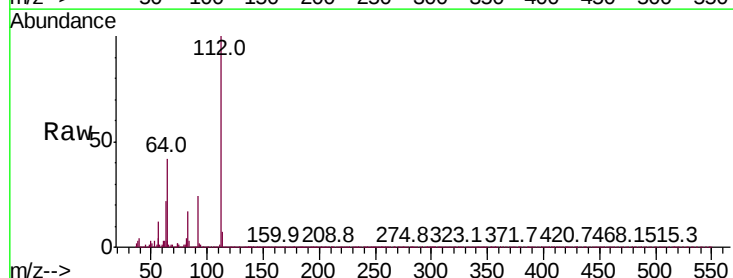
RT: 5.26 min Scan# 404

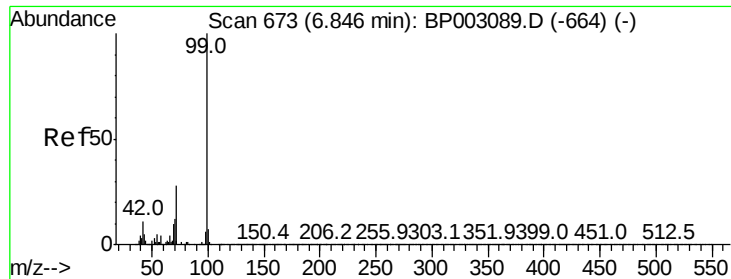
Delta R.T. -0.00 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Tgt Ion:	112	Resp:	396126
Ion Ratio	Lower	Upper	
112	100		
64	41.8	32.8	49.2
63	22.1	17.0	25.4





#7

Phenol-d6

Concen: 32.120 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Instrument :

BNA_P

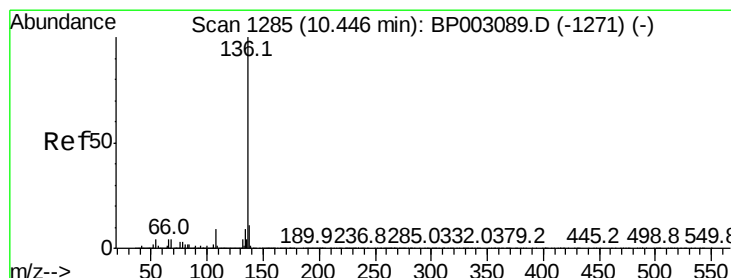
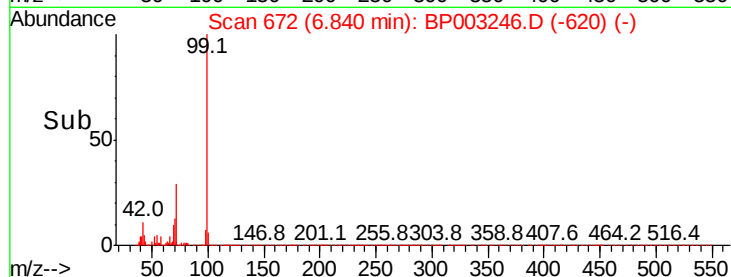
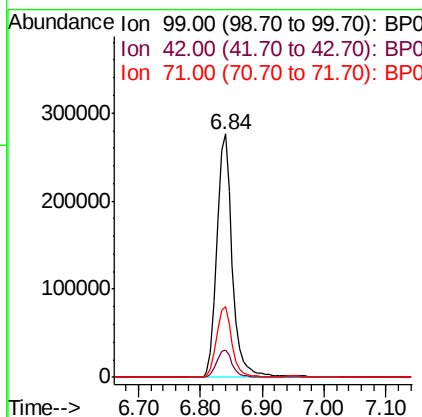
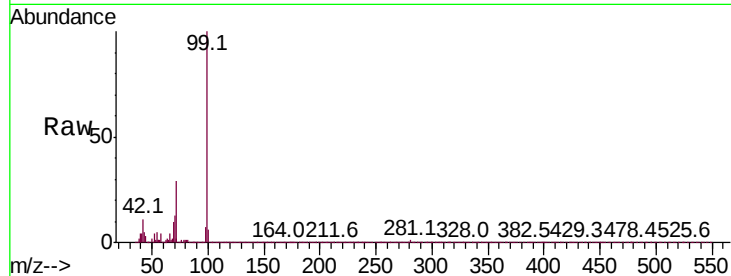
ClientSampleId :

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Tot Ion:	99	Resp:	478765
Ion Ratio	Lower	Upper	
99	100		
42	11.2	8.6	13.0
71	28.9	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

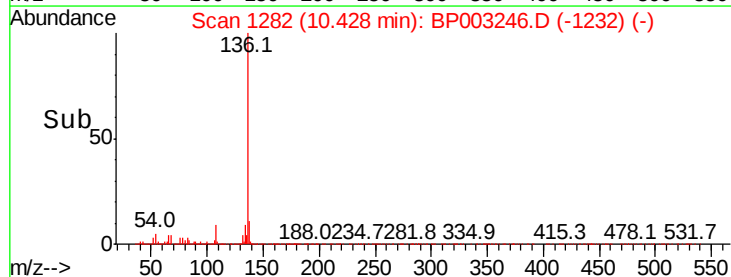
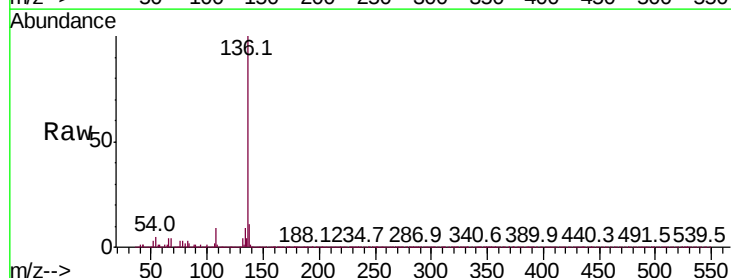
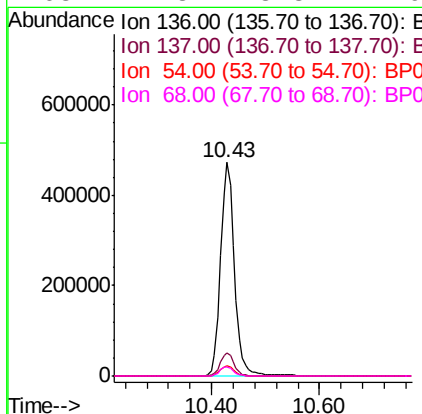
RT: 10.43 min Scan# 1282

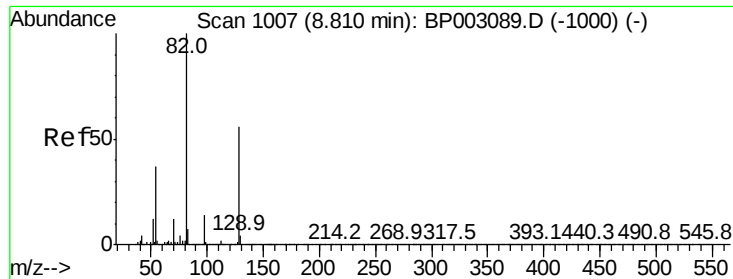
Delta R.T. -0.01 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Tgt Ion:	136	Resp:	861034
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	4.7	3.6	5.4
68	4.3	3.3	4.9





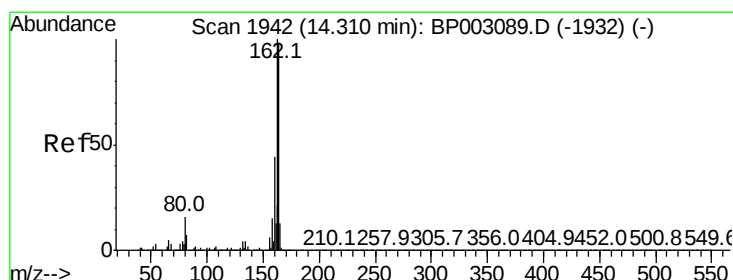
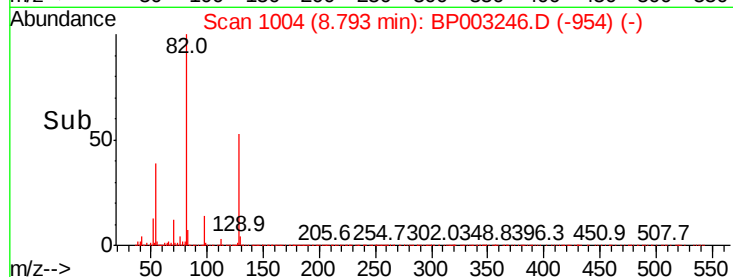
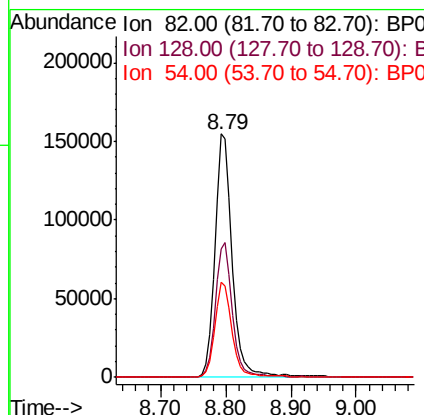
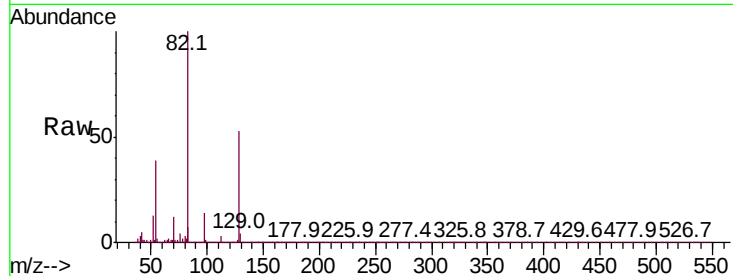
#23
Nitrobenzene-d5
Concen: 23.757 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	52.9	45.6	68.4
54	39.3	30.1	45.1

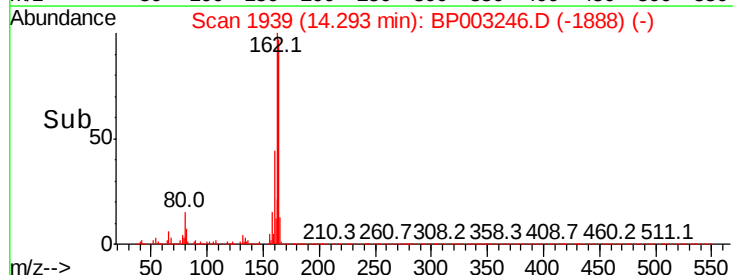
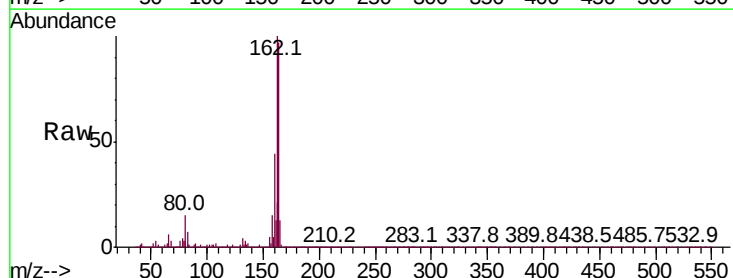
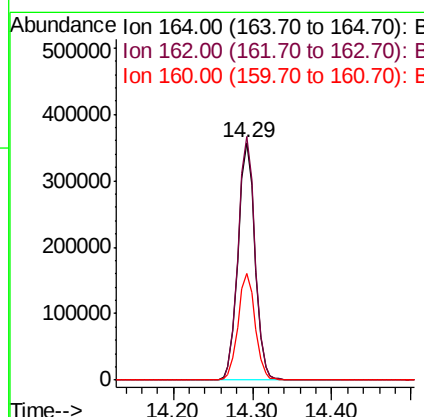
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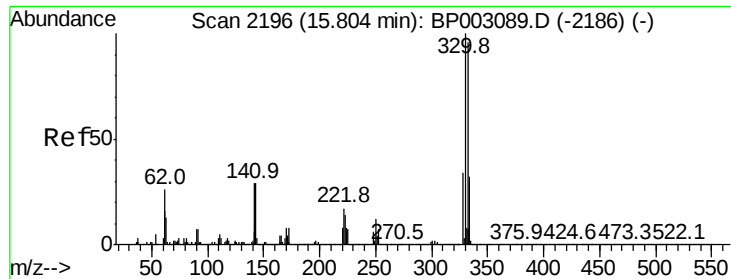
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.6	79.4	119.2
160	44.8	36.1	54.1





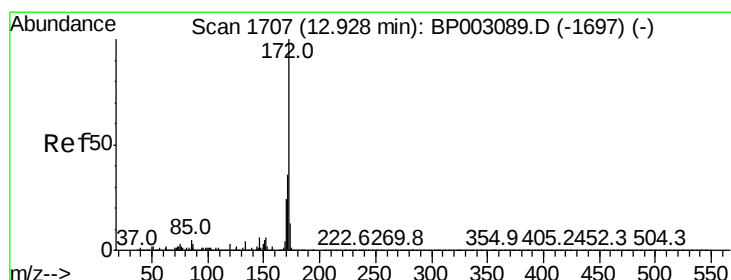
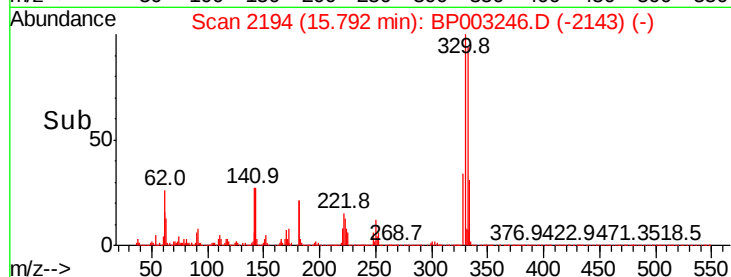
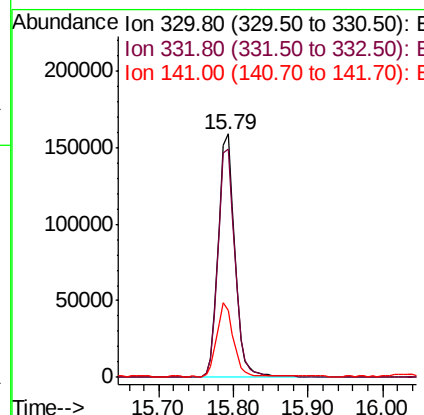
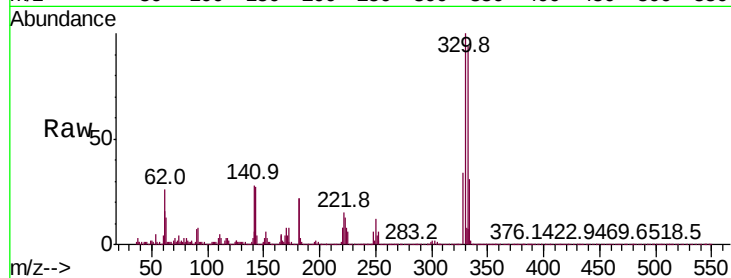
#42
 2,4,6-Tribromophenol
 Concen: 34.443 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003246.D
 Acq: 09 Sep 2020 18:10

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-090820DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245770		
332	96.0		77.1	115.7
141	29.8		23.4	35.2

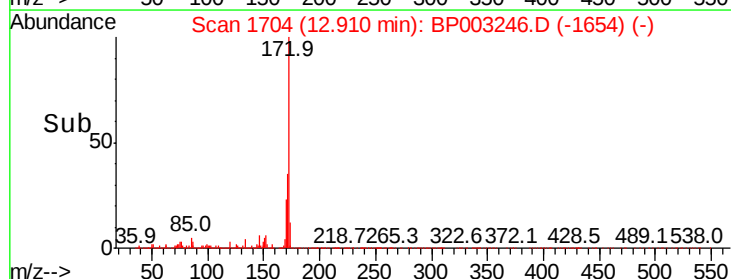
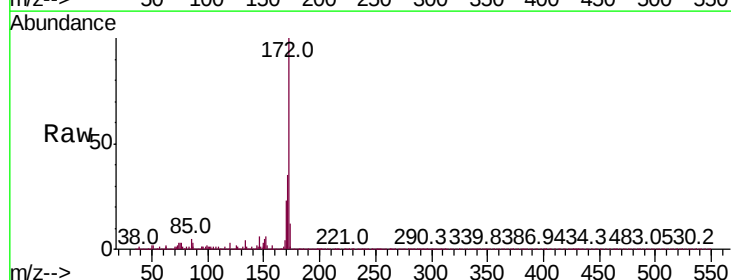
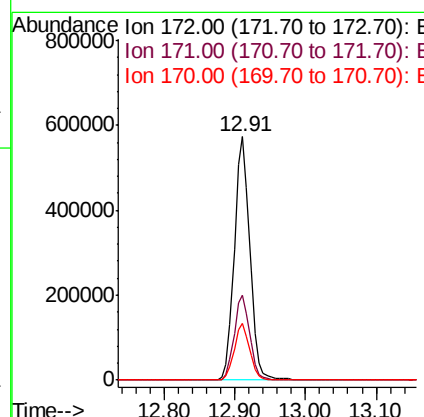
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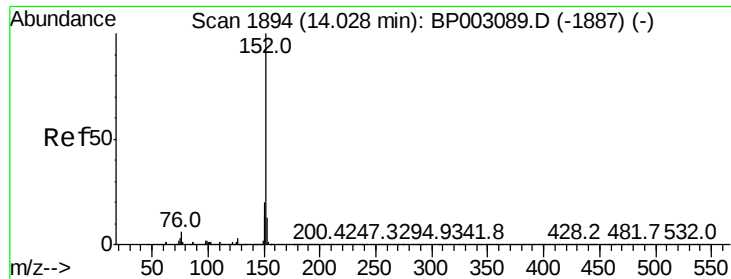
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#45
 2-Fluorobiphenyl
 Concen: 24.447 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003246.D
 Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	880751		
171	35.1		28.5	42.7
170	23.3		19.2	28.8





#49

Acenaphthylene

Concen: 9.959 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Instrument :

BNA_P

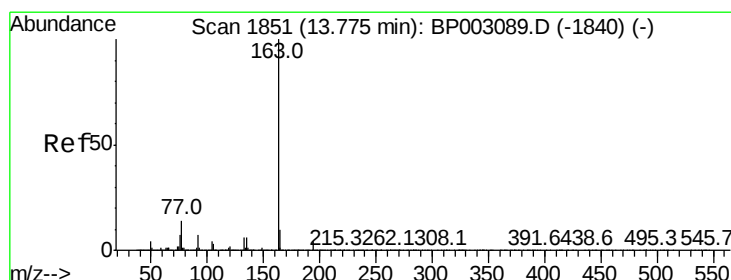
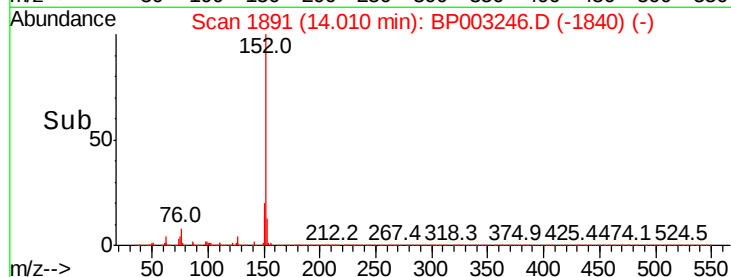
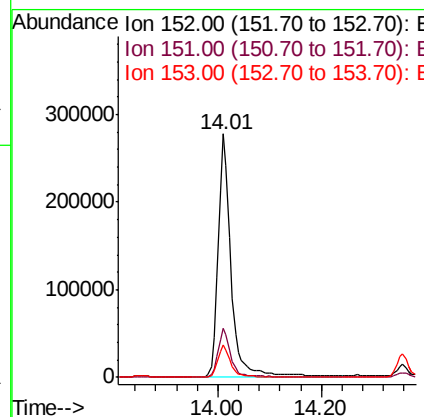
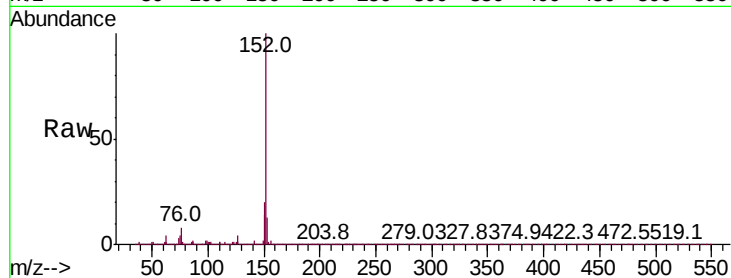
ClientSampleId :

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Tot Ion:	152	Resp:	487796
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.5	10.5	15.7

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#50

Dimethylphthalate

Concen: 3.605 ng

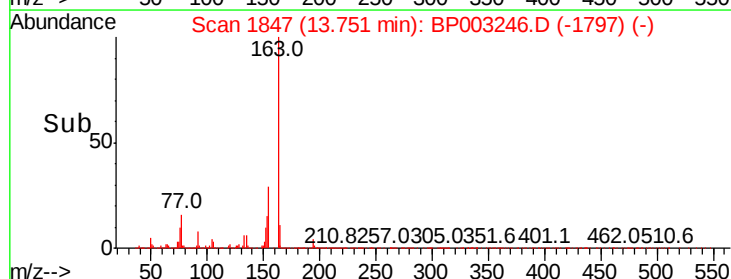
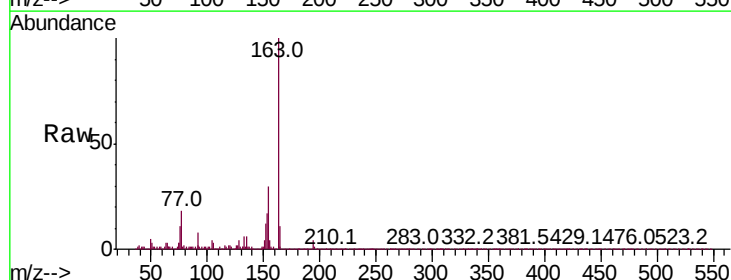
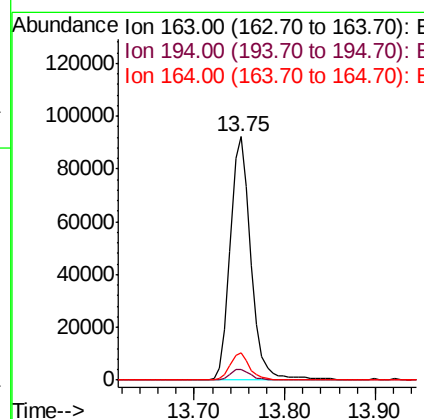
RT: 13.75 min Scan# 1847

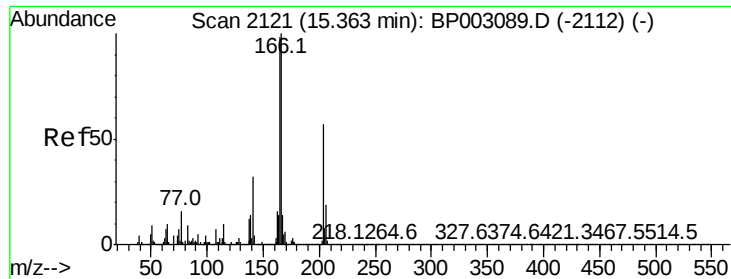
Delta R.T. -0.01 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Tgt Ion:	163	Resp:	145050
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.3	4.9
164	11.0	8.2	12.2





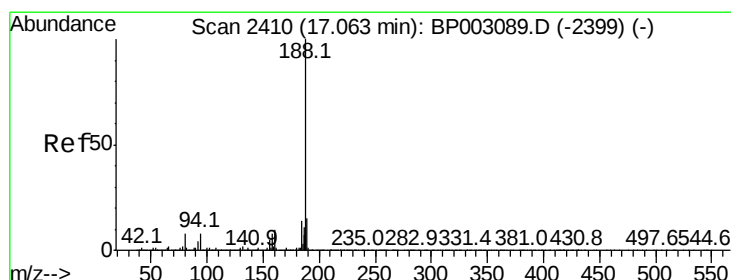
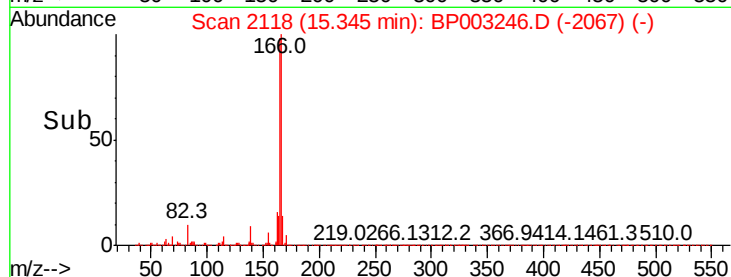
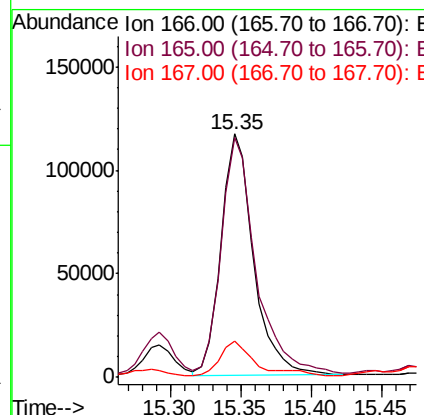
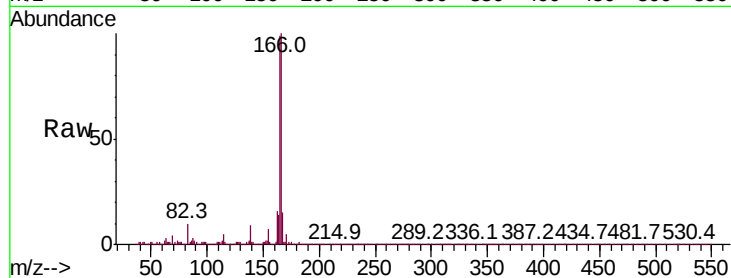
#58
Fluorene
 Concen: 5.122 ng
 RT: 15.35 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BP003246.D
 Acq: 09 Sep 2020 18:10

Instrument :
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 ClientSampleId :
 SU-04-090820DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	14.8	11.0	16.4

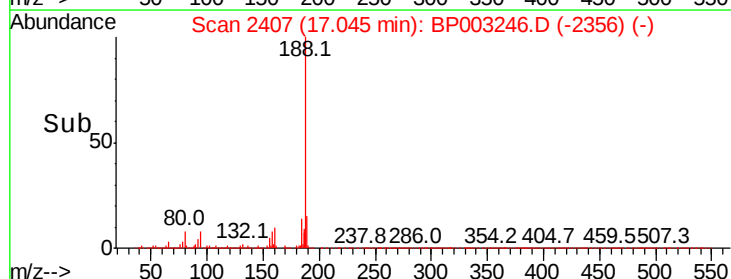
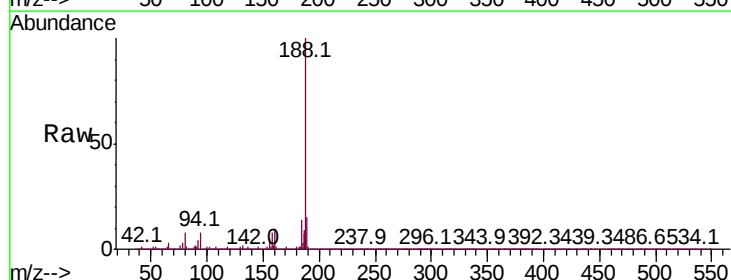
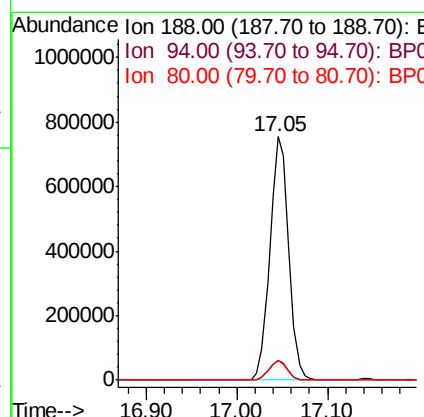
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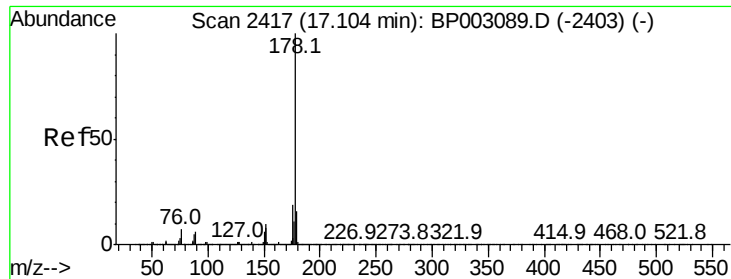
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BP003246.D
 Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	8.0	6.2	9.2





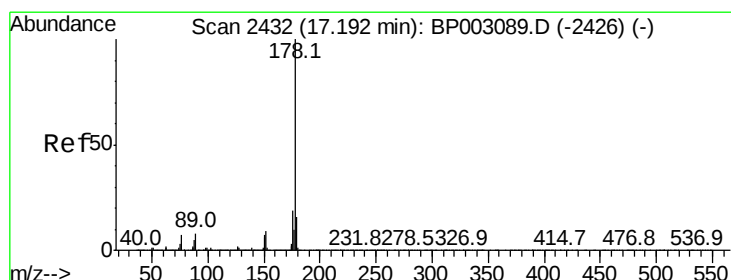
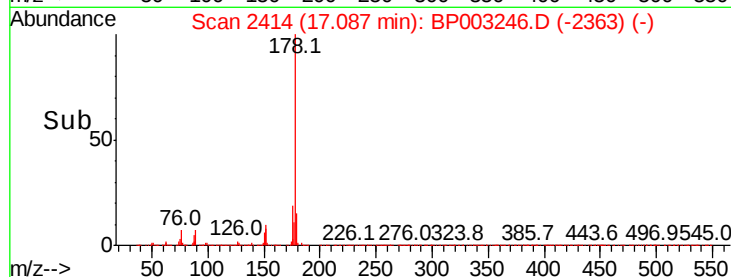
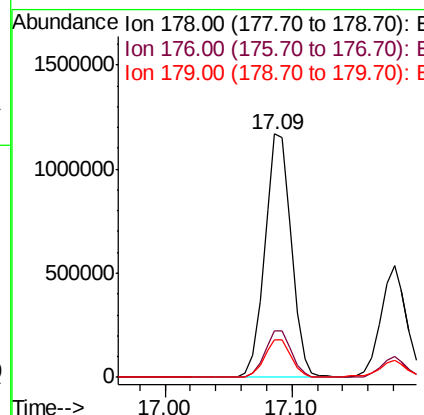
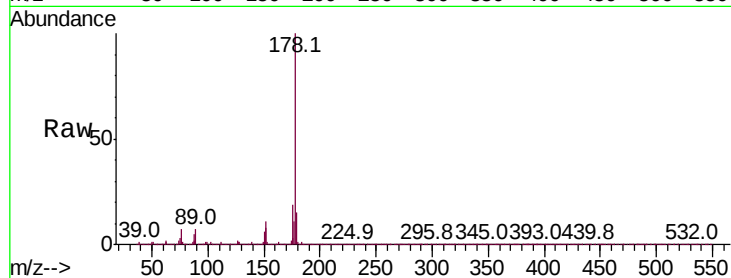
#71
Phenanthrene
Concen: 28.614 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.4	12.5	18.7

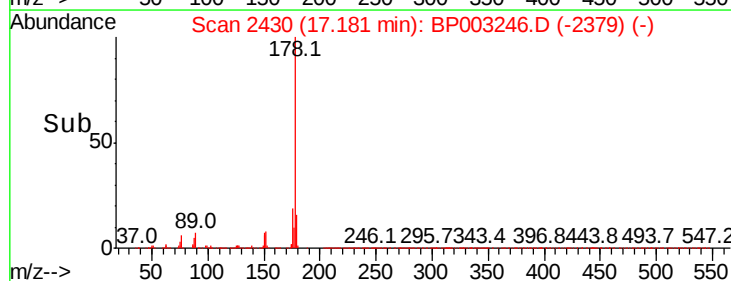
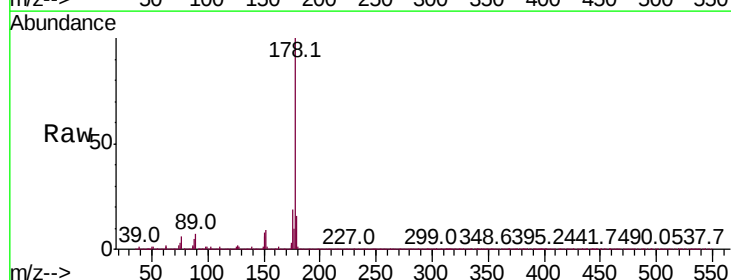
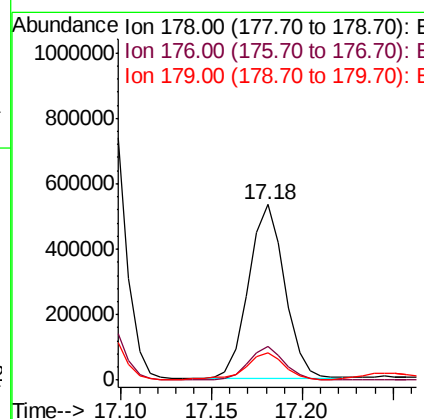
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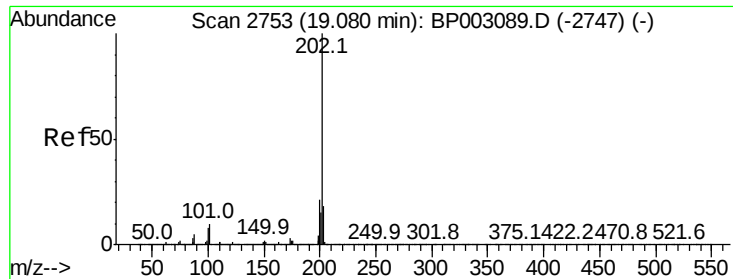
mohammad
9/10/2020 1:05:48 PM



#72
Anthracene
Concen: 13.129 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.7	12.5	18.7





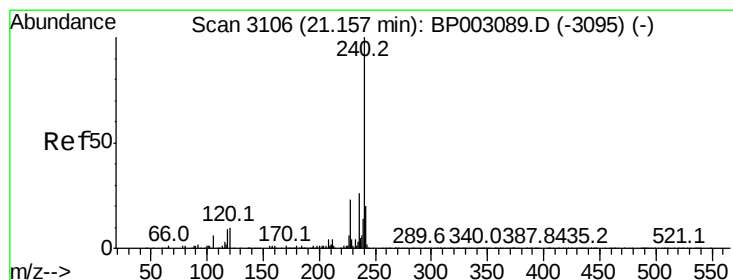
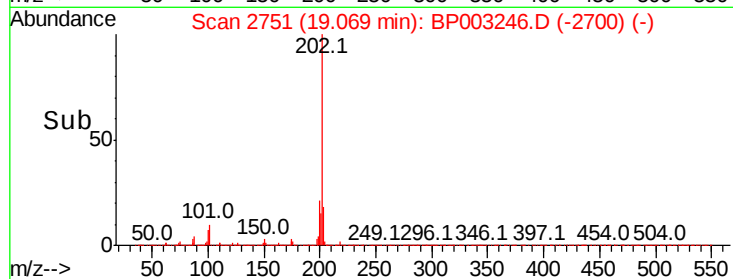
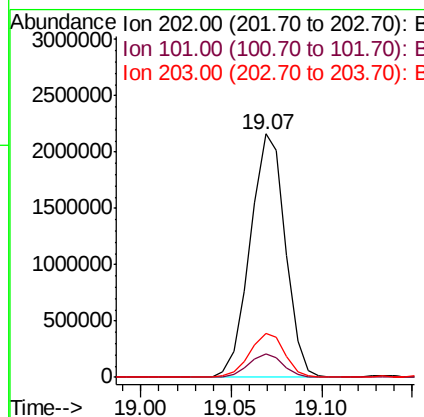
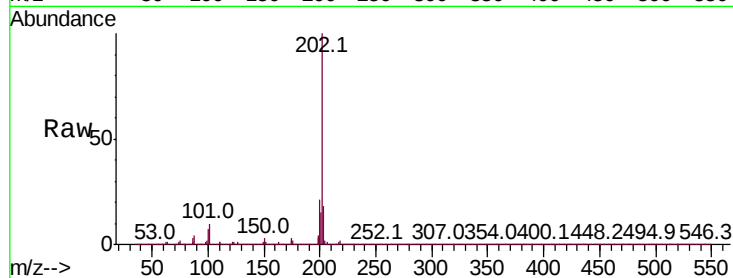
#75
Fluoranthene
Concen: 42.560 ng
RT: 19.07 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion:	202	Resp:	2912739
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.4
203	18.1	0.0	37.8

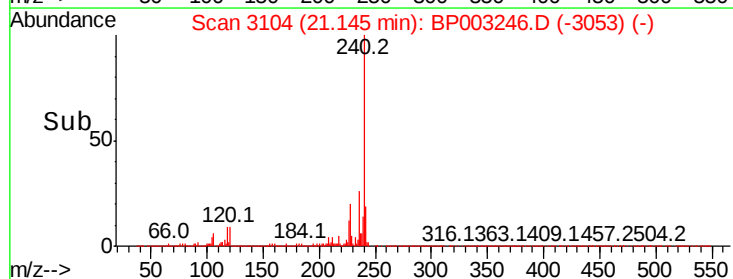
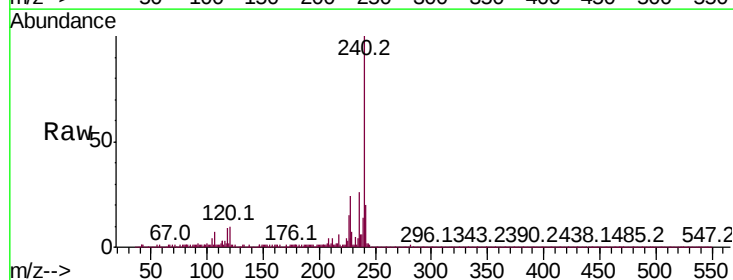
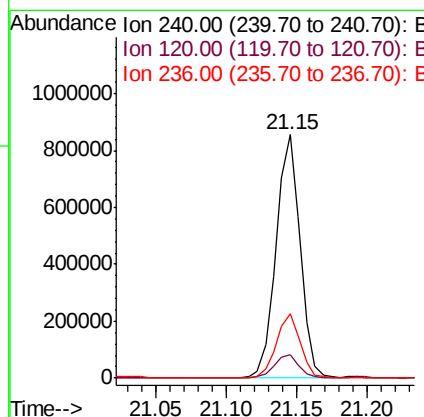
Manual Integrations
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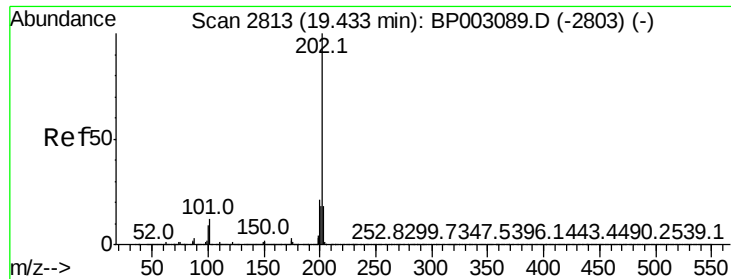
mohammad
9/10/2020 1:05:48 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion:	240	Resp:	1009297
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.8	11.6
236	26.2	20.8	31.2





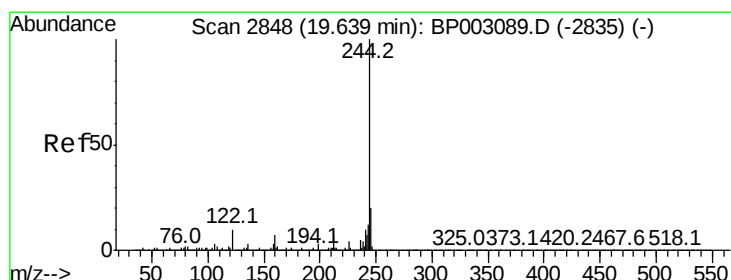
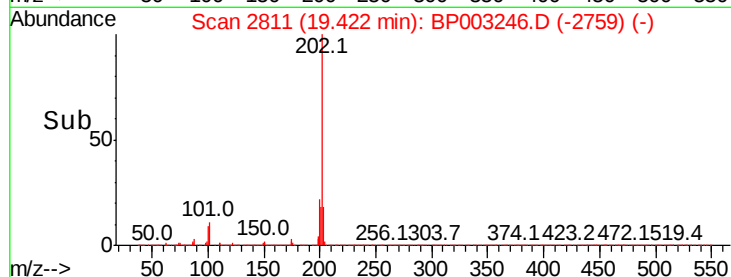
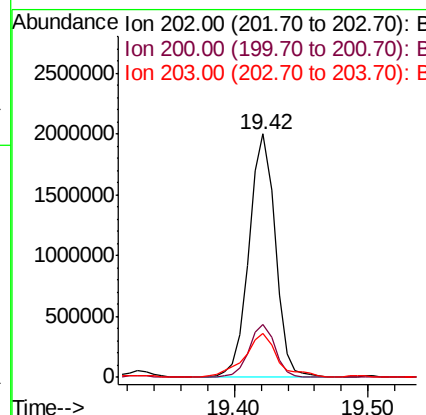
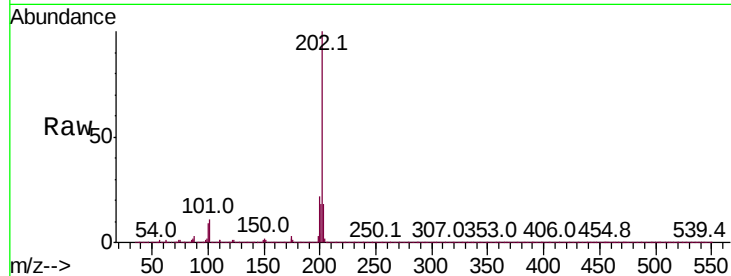
#78
Pvrene
Concen: 41.124 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleID :
SU-04-090820DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	18.1	14.2	21.2

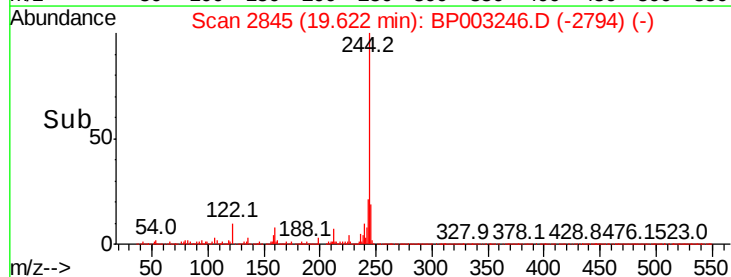
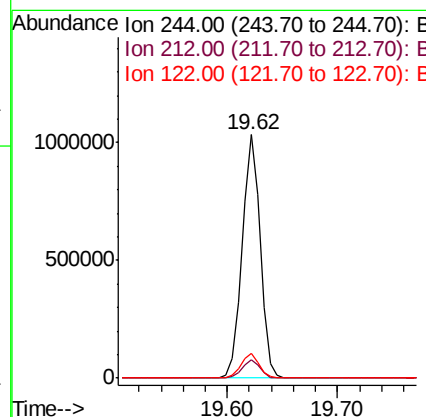
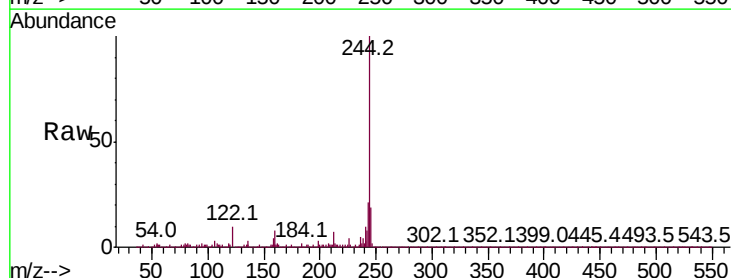
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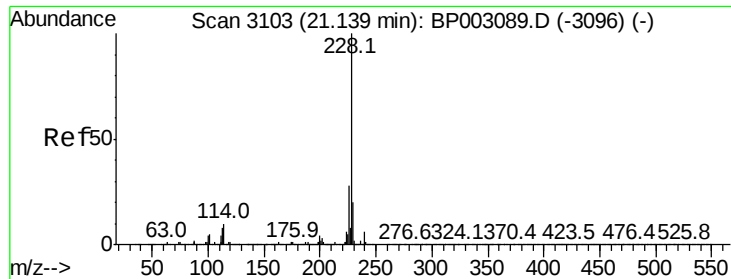
mohammad
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#79
Terphenyl-d14
Concen: 25.931 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.9	7.8	11.8





#81

Benzo(a)anthracene

Concen: 25.624 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Instrument :

BNA_P

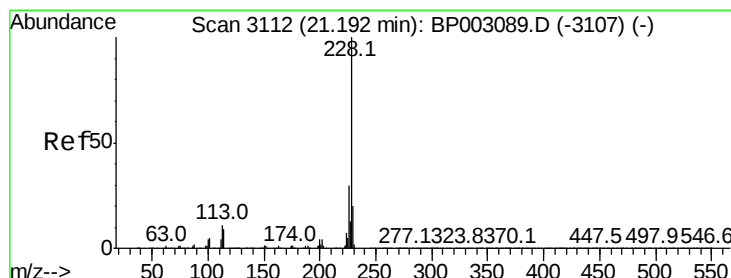
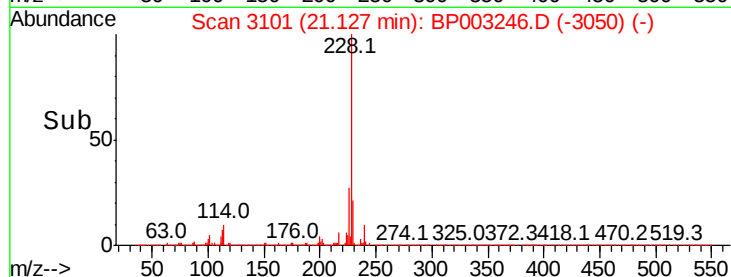
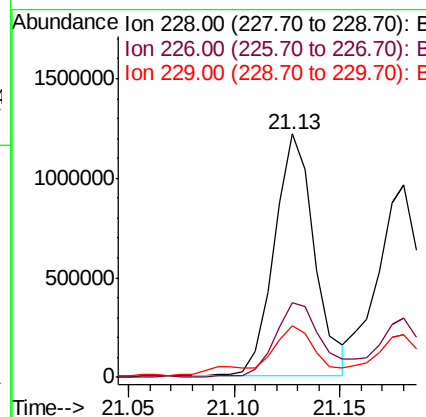
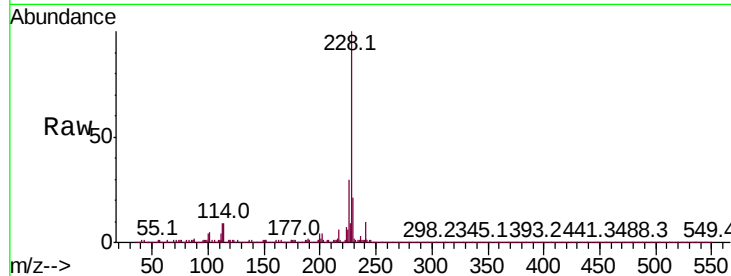
ClientSampleId :

SU-04-090820DL

Tot Ion:	228	Resp:	1619948
Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.1	33.1
229	21.4	15.9	23.9

Manual Integrations
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#83

Chrysene

Concen: 22.185 ng

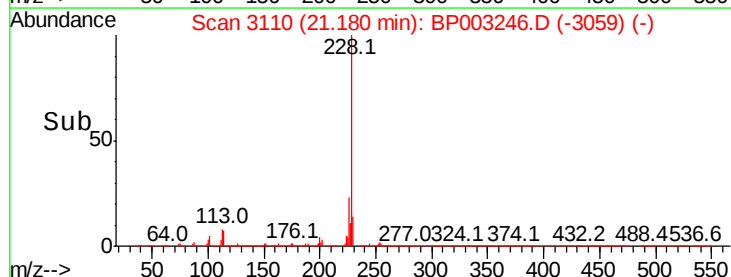
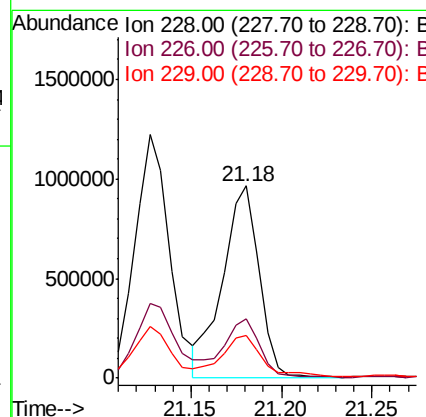
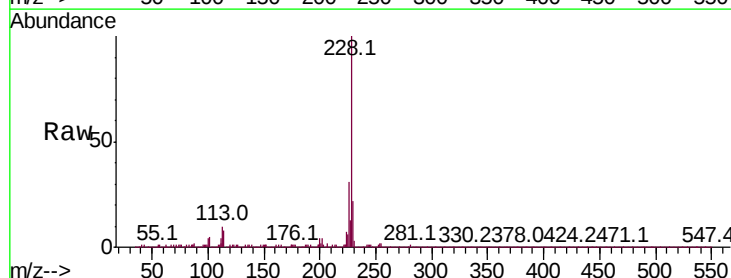
RT: 21.18 min Scan# 3110

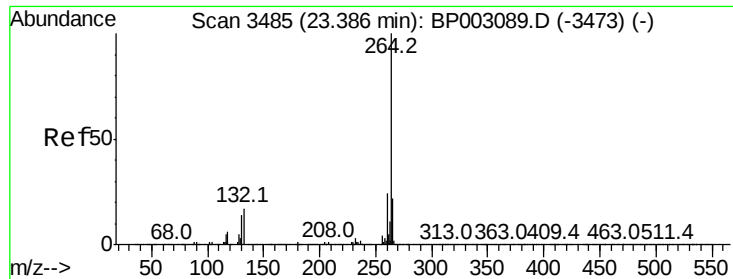
Delta R.T. -0.00 min

Lab File: BP003246.D

Acq: 09 Sep 2020 18:10

Tgt Ion:	228	Resp:	1342912
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	21.9	15.8	23.6





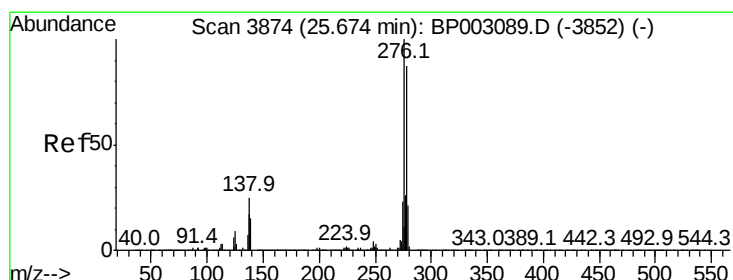
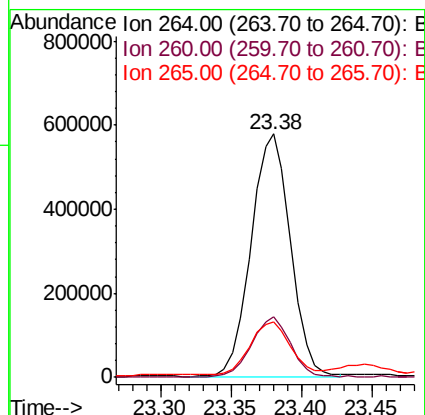
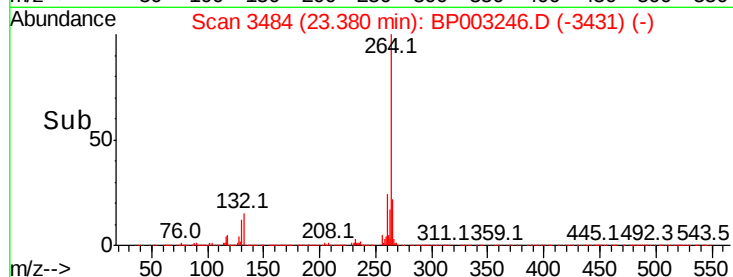
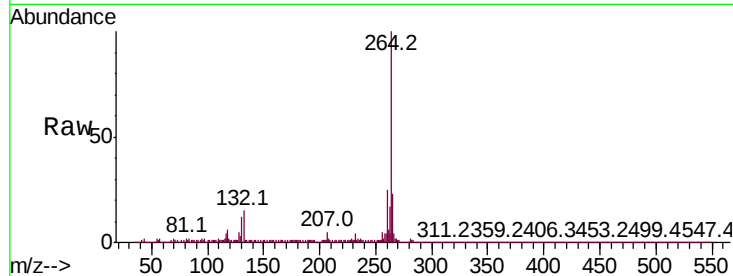
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion:	264	Resp:	1122881
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.8	28.2
265	22.7	17.4	26.2

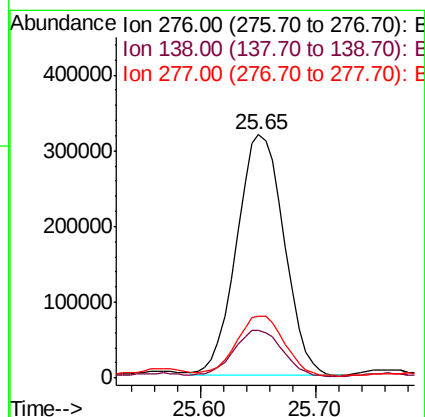
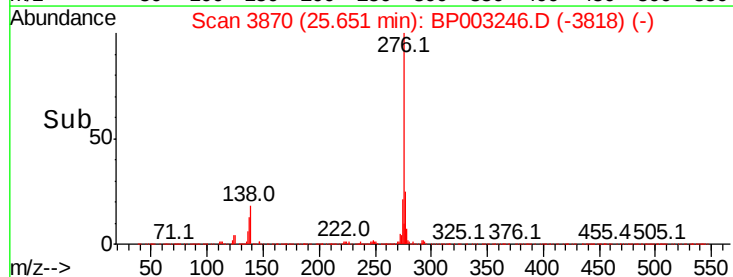
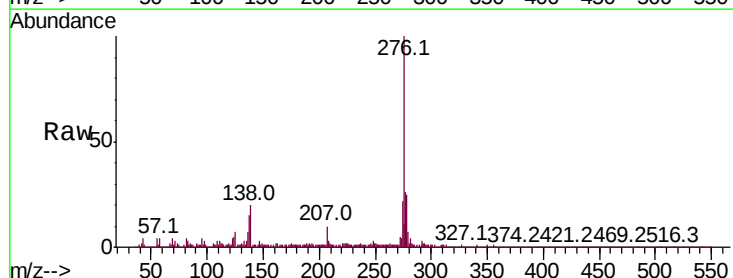
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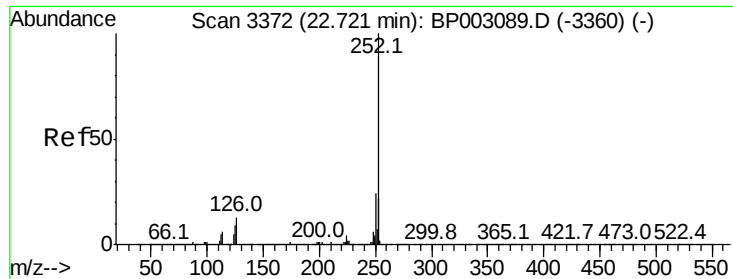
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 10.764 ng
RT: 25.65 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion:	276	Resp:	901363
Ion Ratio	Lower	Upper	
276	100		
138	19.8	18.7	28.1
277	25.5	20.4	30.6





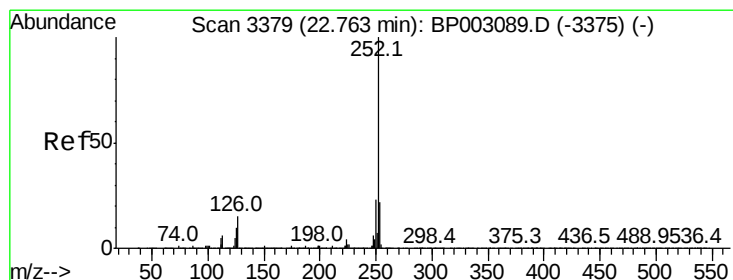
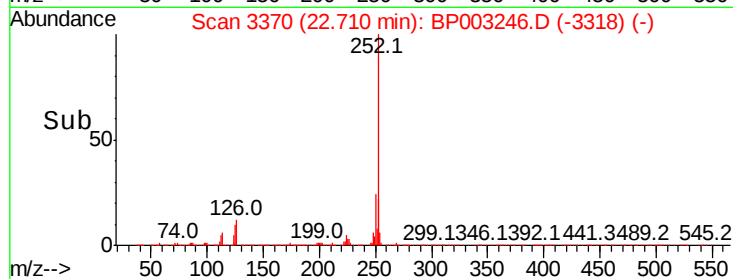
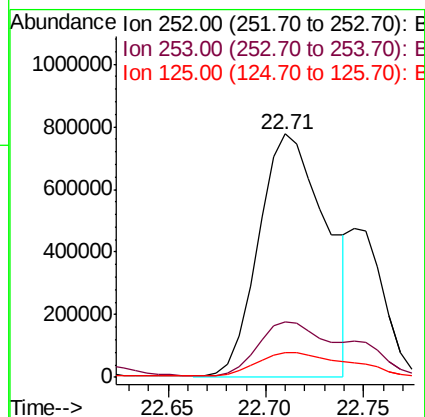
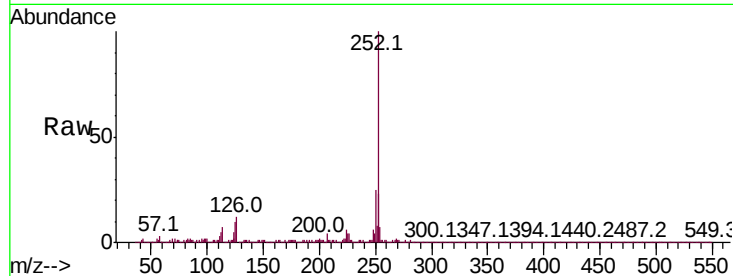
#88
Benzo(b)fluoranthene
Concen: 26.864 ng m
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	10.3	7.3	10.9

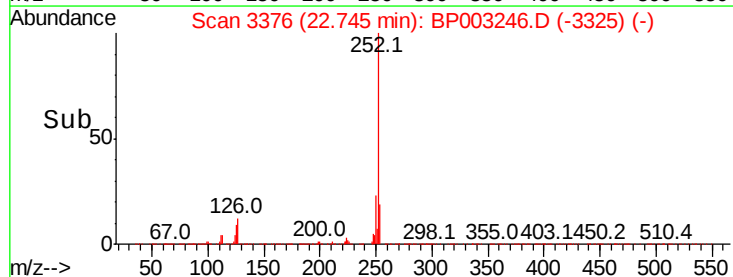
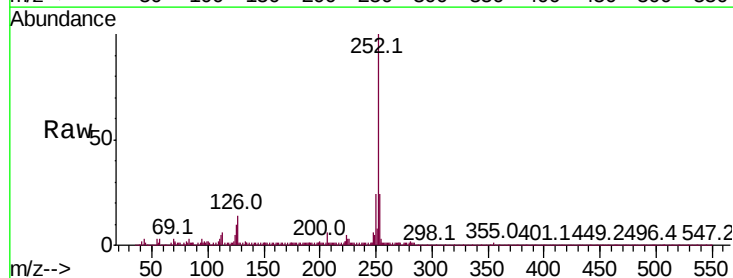
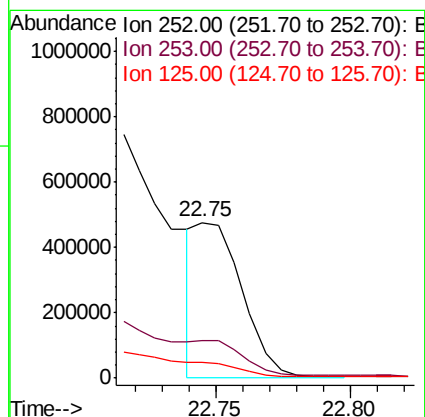
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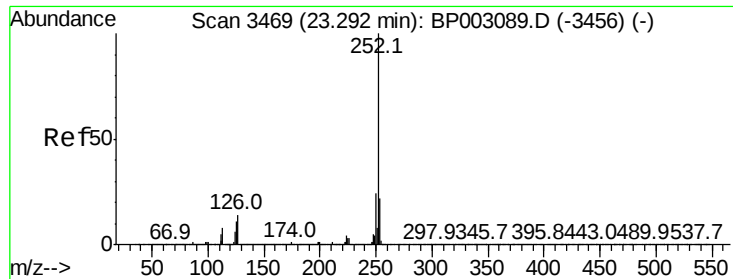
mohammad
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#89
Benzo(k)fluoranthene
Concen: 8.615 ng m
RT: 22.75 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	10.1	7.4	11.2





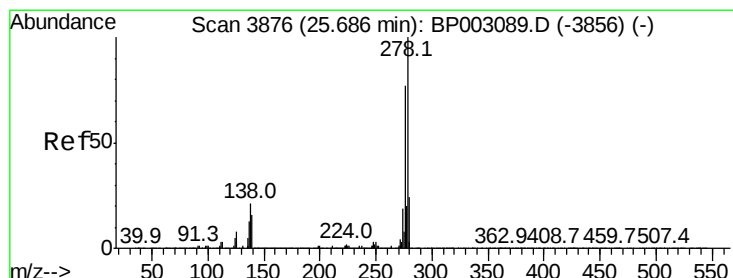
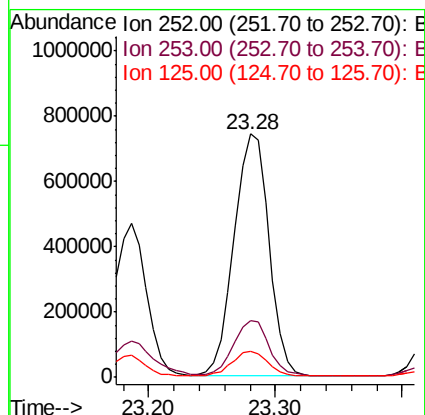
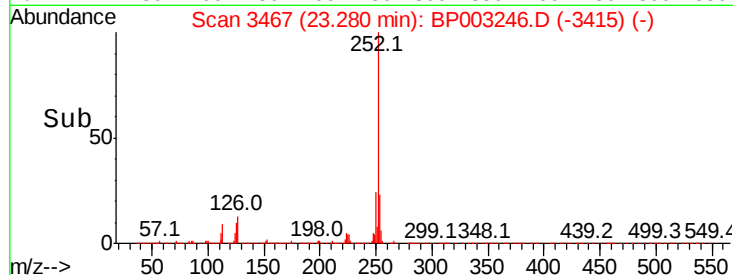
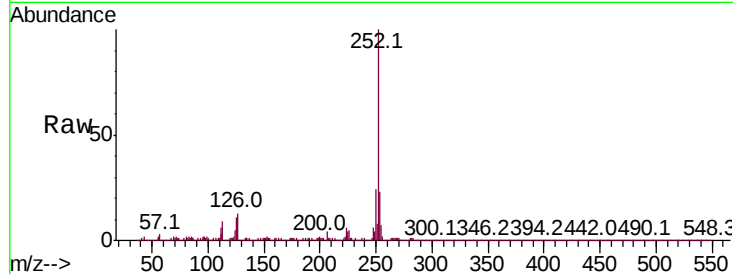
#90
Benzo(a)pyrene
Concen: 21.909 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Instrument :
BNA_P
ClientSampleId :
SU-04-090820DL

Tot Ion: 252 Resp: 1418553
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.7 8.2 12.4

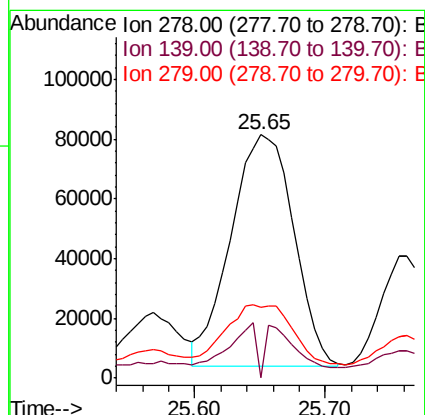
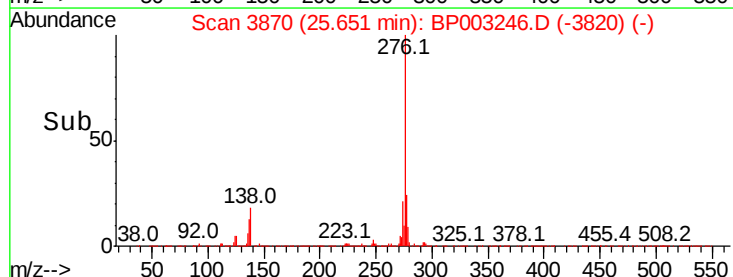
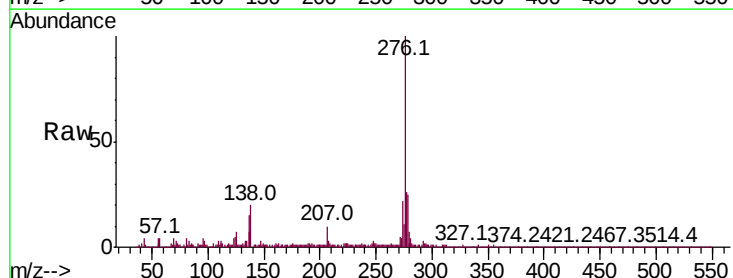
Manual Integrations
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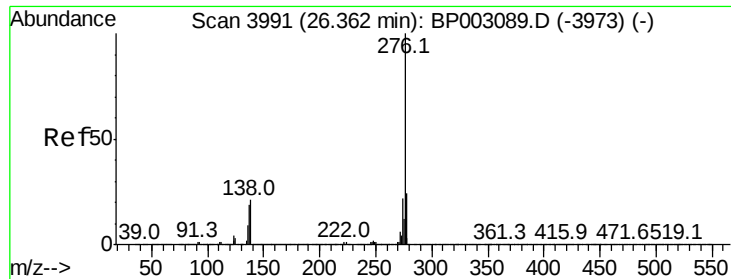
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 3.788 ng m
RT: 25.65 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BP003246.D
Acq: 09 Sep 2020 18:10

Tgt Ion: 278 Resp: 260604
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6#
279 29.0 19.0 28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 11.988 ng
 RT: 26.35 min Scan# 3989
 Delta R.T. 0.02 min
 Lab File: BP003246.D
 Acq: 09 Sep 2020 18:10

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-090820DL

Tot Ion:	276	Resp:	827600
Ion Ratio		Lower	Upper
276	100		
277	24.7	19.0	28.6
138	19.2	16.6	24.8

Manual Integrations
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