

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003066.D
 Acq On : 20 Aug 2020 15:24
 Operator : CG/JU
 Sample : L3696-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E-2

Manual Integrations
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mohammad
 8/21/2020 12:50:37 PM

Quant Time: Aug 21 10:10:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	336783	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	933876	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	371611	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	768619	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1155373	20.00	ng	0.00
86) Perylene-d12	23.41	264	1496095	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1914467	87.00	ng	0.00
7) Phenol-d6	6.86	99	2126285	69.60	ng	0.00
23) Nitrobenzene-d5	8.83	82	1141454	66.20	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	516180	111.76	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2144068	78.83	ng	0.00
79) Terphenyl-d14	19.66	244	2475661	42.90	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	10.52	128	316522	5.921	ng	# 4
49) Acenaphthylene	14.05	152	194007	5.142	ng	# 31
50) Dimethylphthalate	13.79	163	468041	16.103	ng	# 84
52) Acenaphthene	14.40	154	278339	11.479	ng	# 88
58) Fluorene	15.39	166	435326	14.949	ng	# 71
71) Phenanthrene	17.13	178	1566200	34.749	ng	# 92
72) Anthracene	17.22	178	240574	5.461	ng	# 42
75) Fluoranthene	19.10	202	1376141	26.500	ng	94
78) Pyrene	19.45	202	1948724	24.127	ng	96
81) Benzo(a)anthracene	21.15	228	830551	10.554	ng	97
83) Chrysene	21.20	228	847645	11.418	ng	96
87) Indeno(1,2,3-cd)pyrene	25.69	276	723717	6.040	ng	# 94
88) Benzo(b)fluoranthene	22.73	252	1292647m	12.244	ng	
89) Benzo(k)fluoranthene	22.77	252	442007m	4.429	ng	
90) Benzo(a)pyrene	23.31	252	943112	9.886	ng	98
92) Benzo(g,h,i)perylene	26.39	276	743300	7.538	ng	97

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

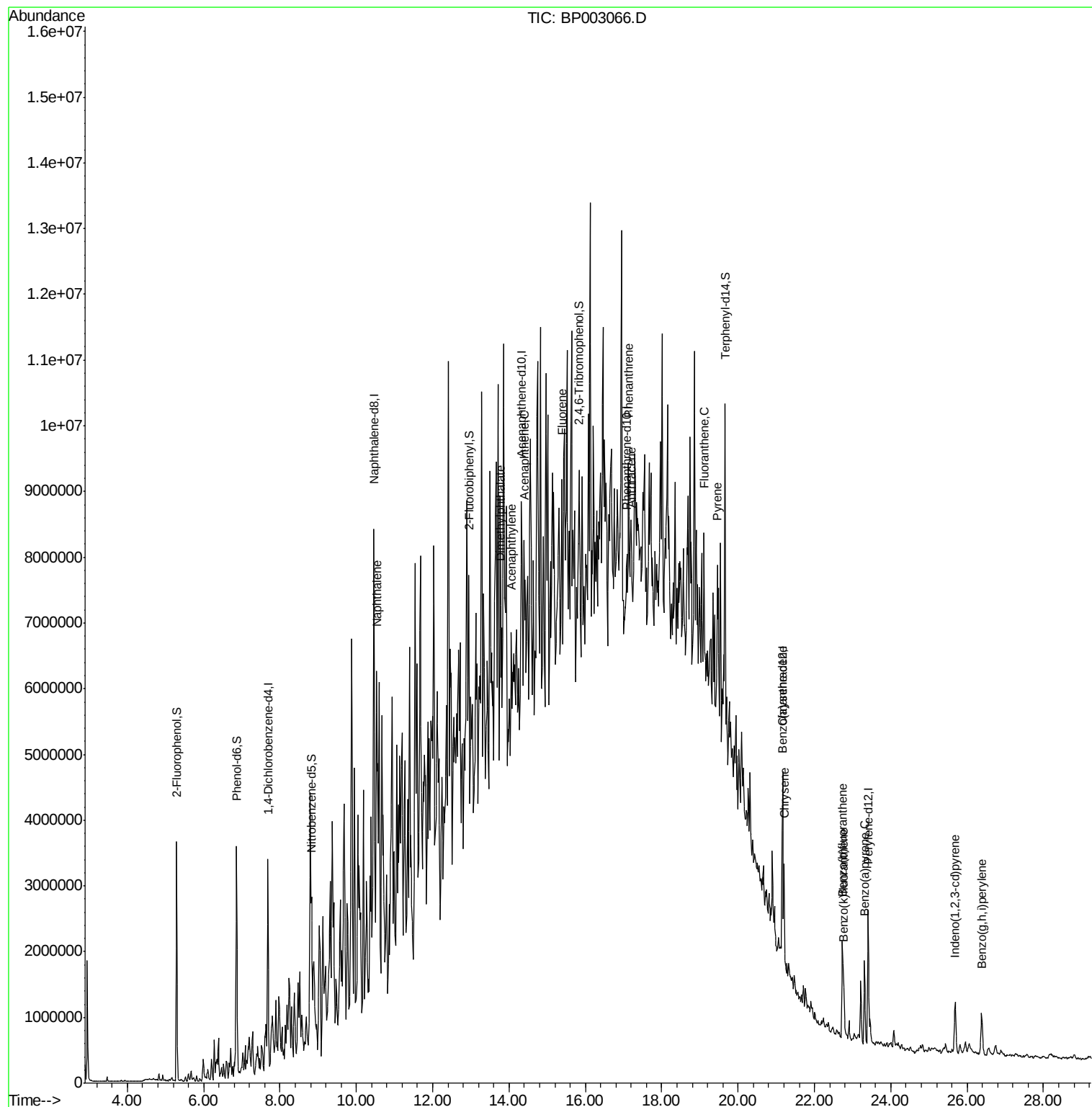
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003066.D
Acq On : 20 Aug 2020 15:24
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ALS Vial : 12 Sample Multiplier: 1

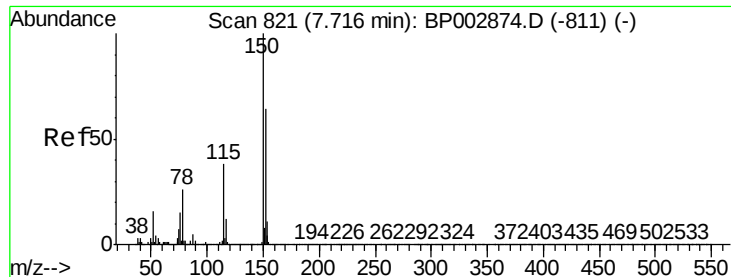
Instrument :
BNA_P
ClientSampled :
E-2

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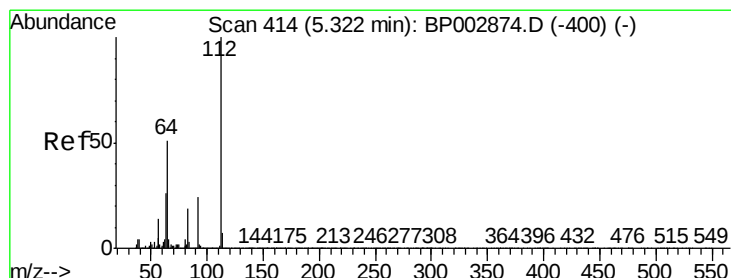
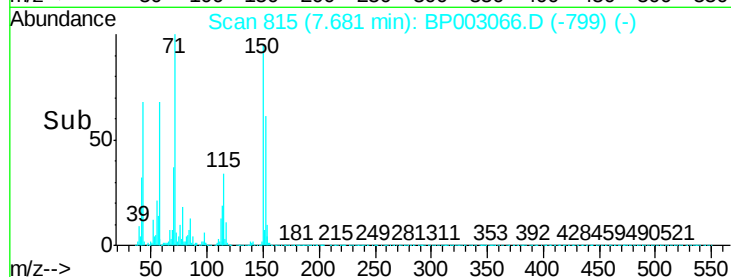
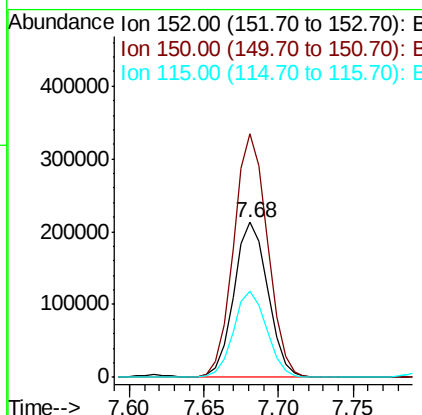
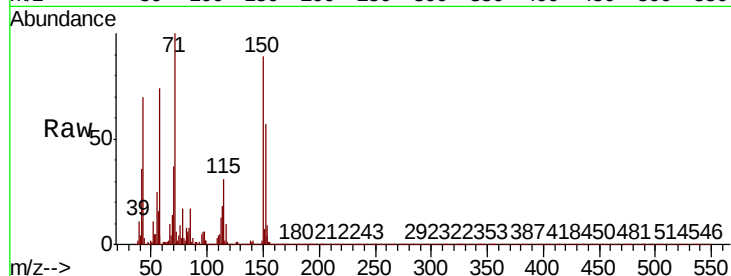
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BP003066.D
 Acq: 20 Aug 2020 15:24

Instrument :
 BNA_P
 ClientSampleId :
 E-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.1	189.1
115	55.6	43.4	65.2

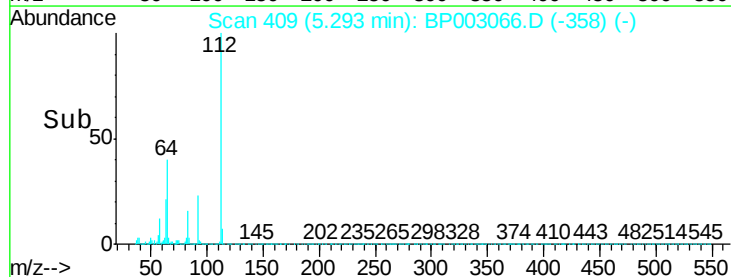
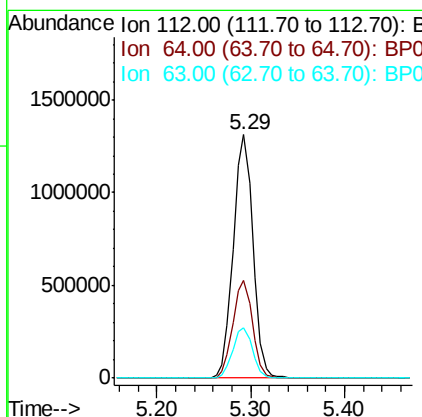
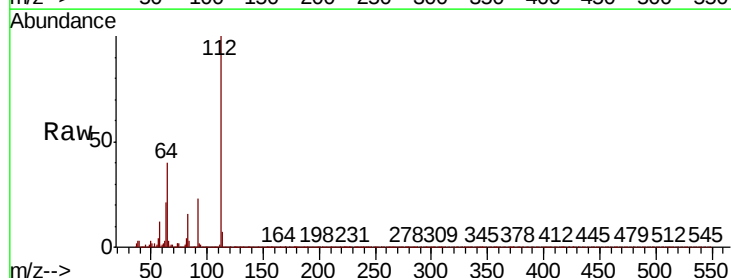
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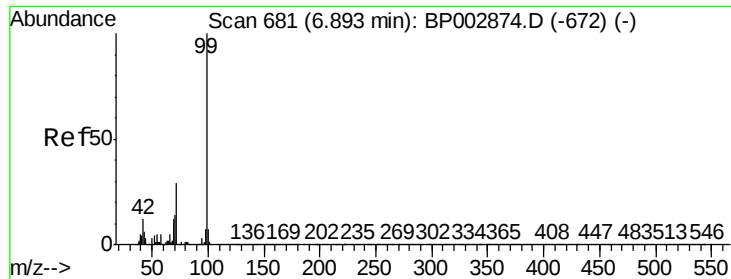
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#5
 2-Fluorophenol
 Concen: 87.002 ng
 RT: 5.29 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BP003066.D
 Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.0	33.4	50.2
63	20.9	17.4	26.0





#7

Phenol-d6

Concen: 69.598 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Instrument :

BNA_P

ClientSampleId :

E-2

Tot Ion: 99 Resp: 2126285

Ion Ratio Lower Upper

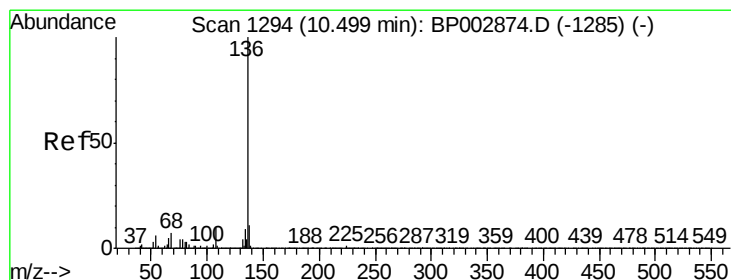
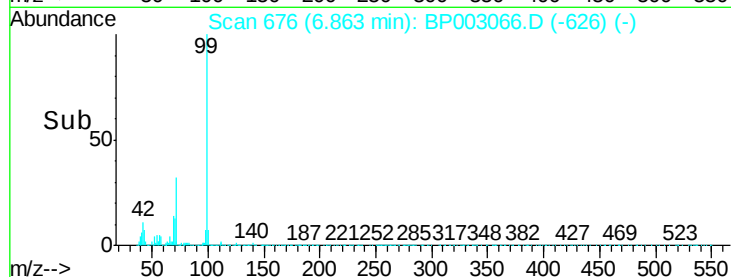
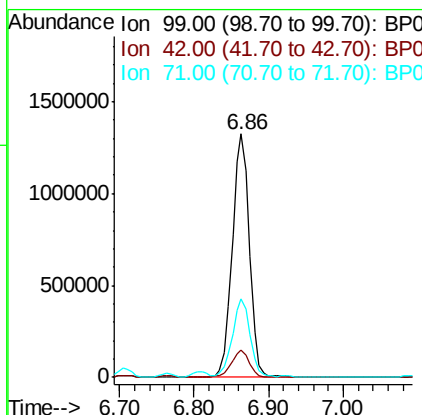
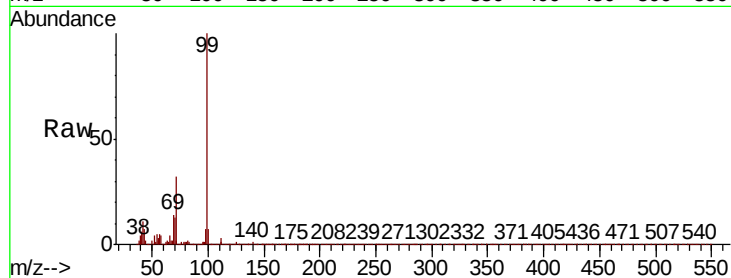
99 100

42 11.0 8.0 12.0

71 32.3 21.3 31.9#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Tgt Ion: 136 Resp: 933876

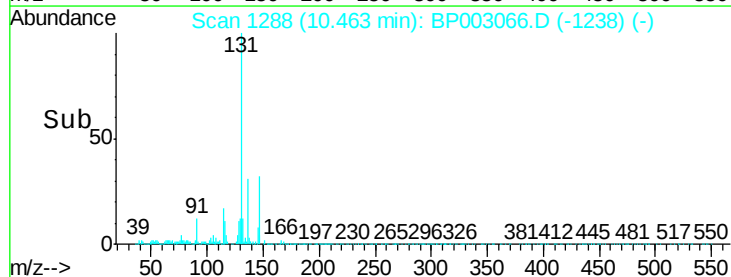
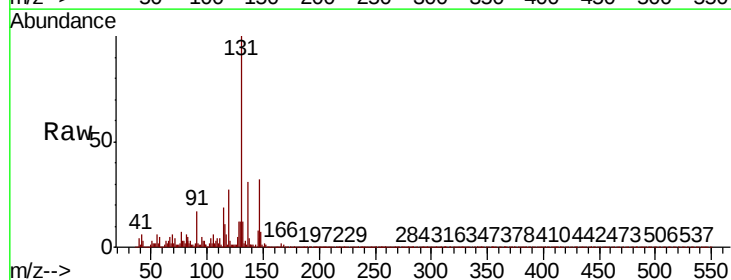
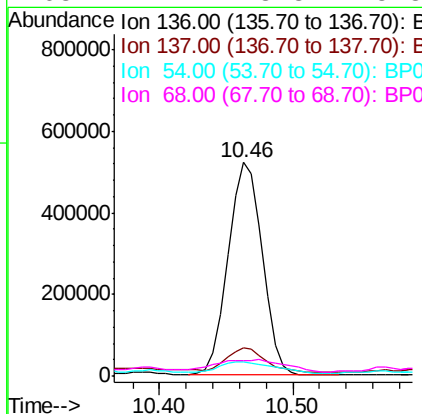
Ion Ratio Lower Upper

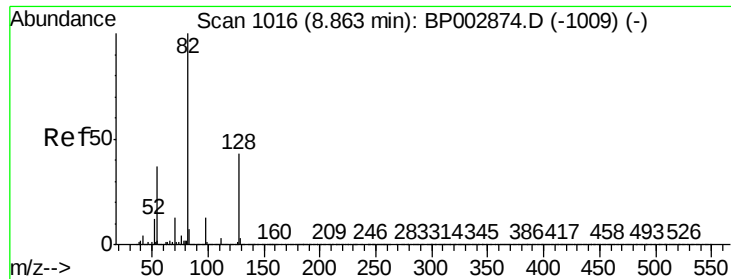
136 100

137 13.1 8.8 13.2

54 6.6 3.8 5.8#

68 7.4 3.8 5.8#





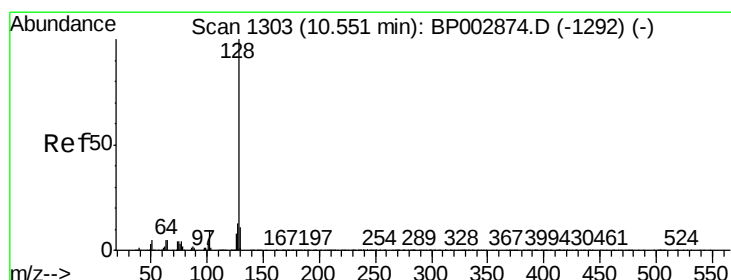
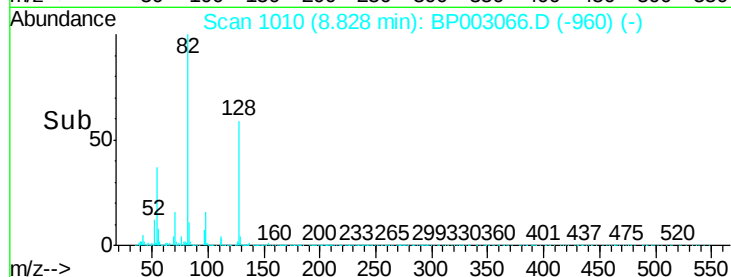
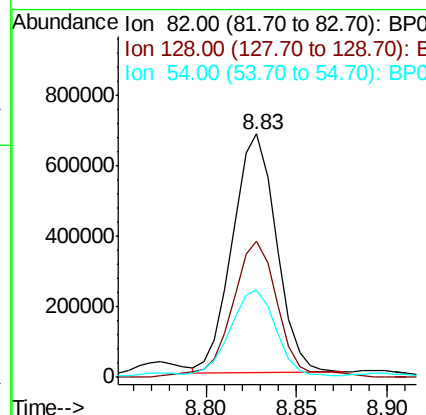
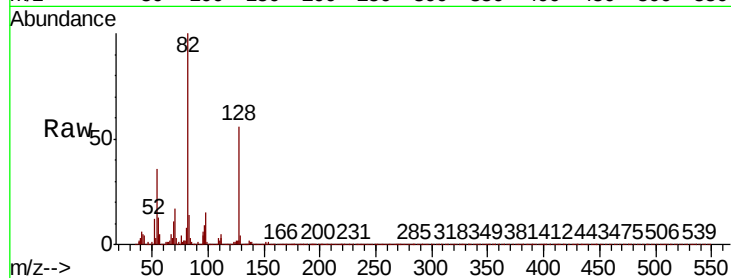
#23
Nitrobenzene-d5
Concen: 66.201 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampled :
E-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.7	45.1	67.7
54	36.0	28.8	43.2

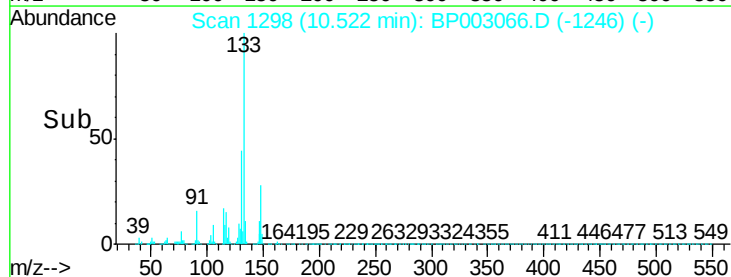
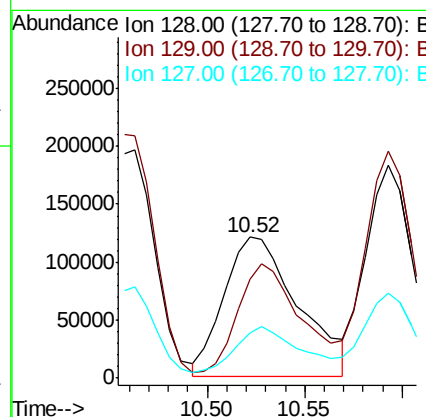
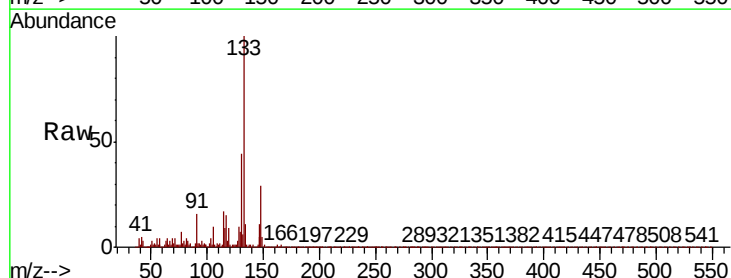
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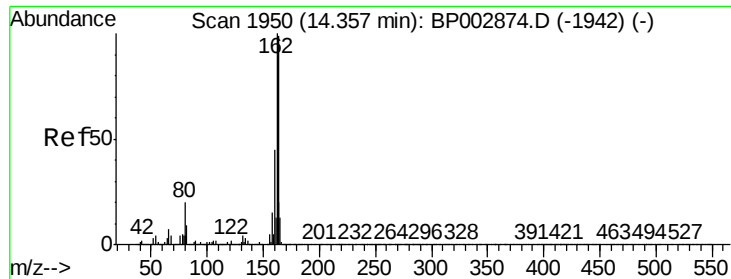
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#31
Naphthalene
Concen: 5.921 ng
RT: 10.52 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	70.3	9.1	13.7#
127	32.2	10.6	16.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Instrument :

BNA_P

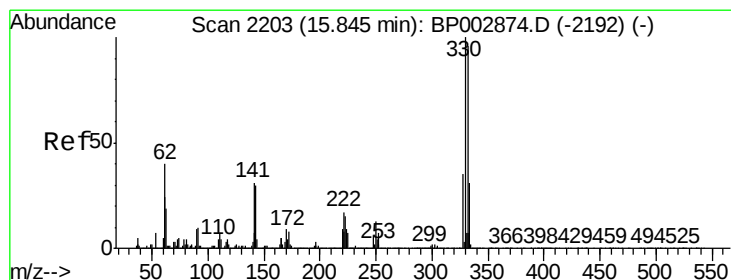
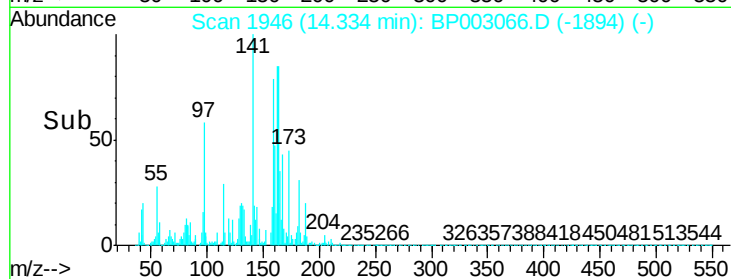
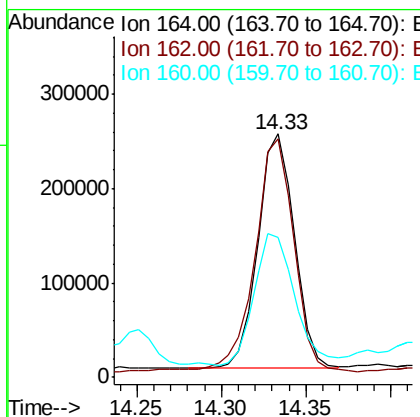
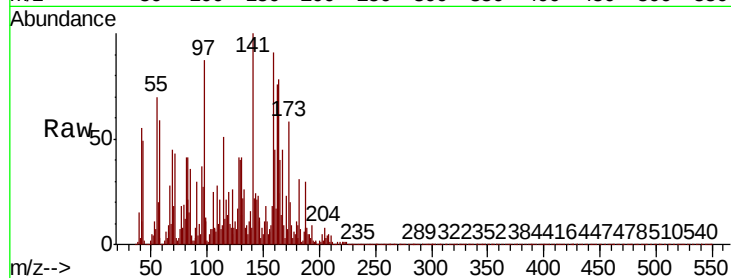
ClientSampleId :

E-2

Tot Ion:	164	Resp:	371611
Ion Ratio	Lower	Upper	
164	100		
162	97.9	81.4	122.0
160	57.6	35.5	53.3#

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#42

2,4,6-Tribromophenol

Concen: 111.759 ng

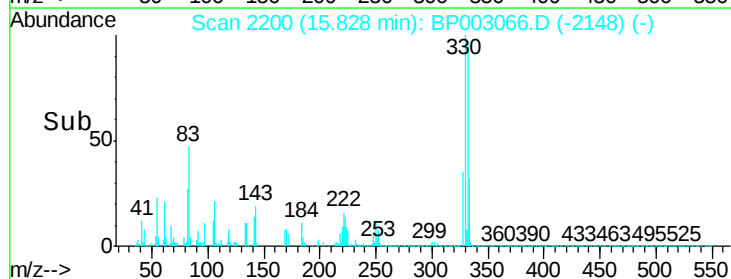
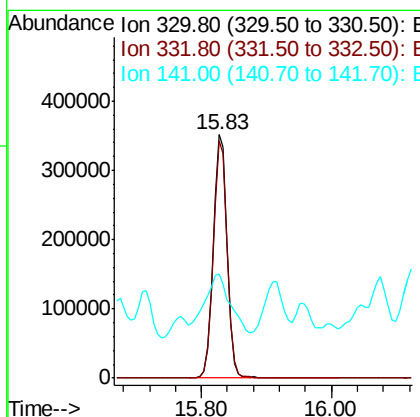
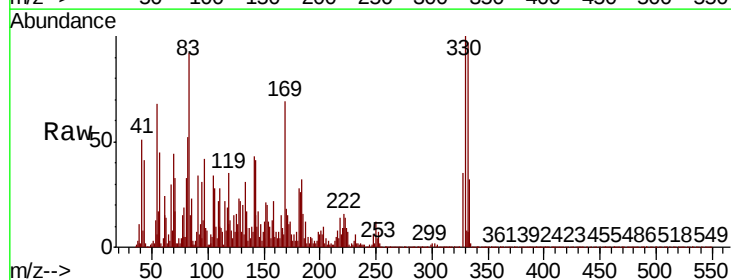
RT: 15.83 min Scan# 2200

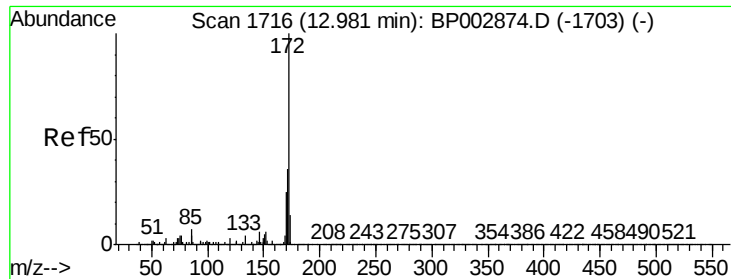
Delta R.T. 0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Tgt Ion:	330	Resp:	516180
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	42.6	26.7	40.1#





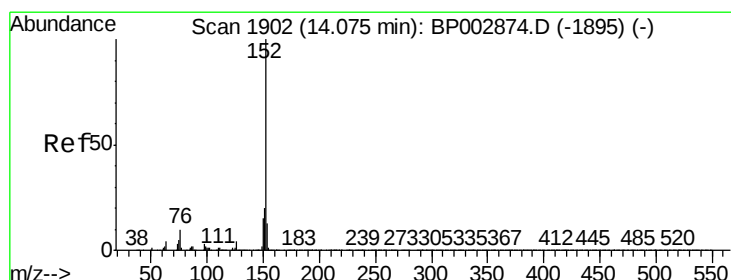
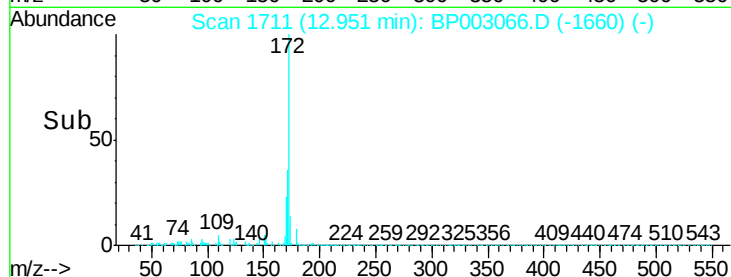
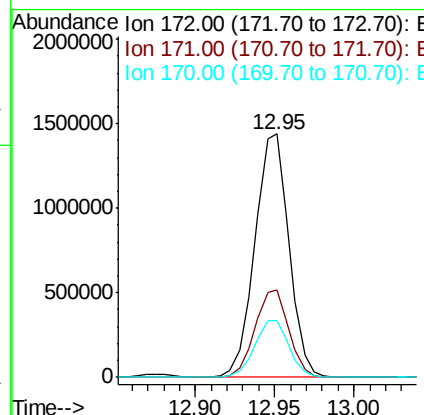
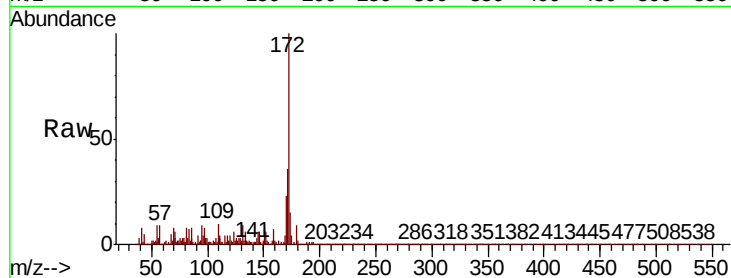
#45
2-Fluorobiphenyl
Concen: 78.831 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.4	19.1	28.7

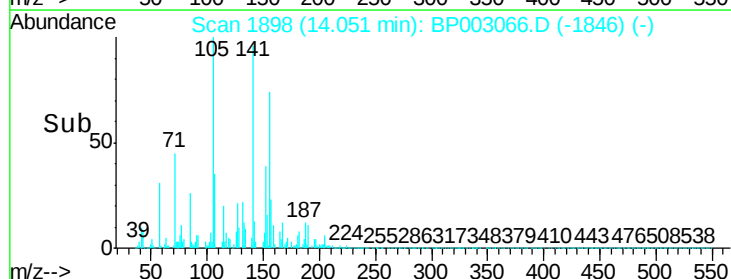
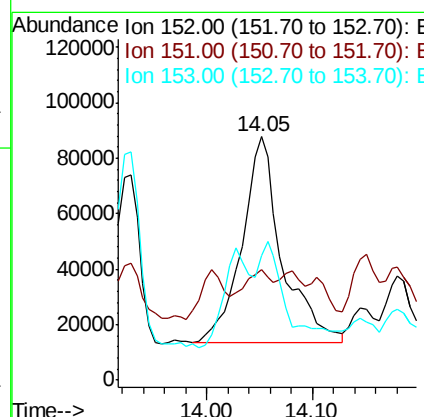
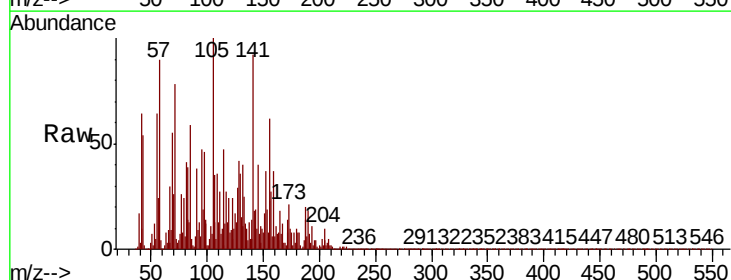
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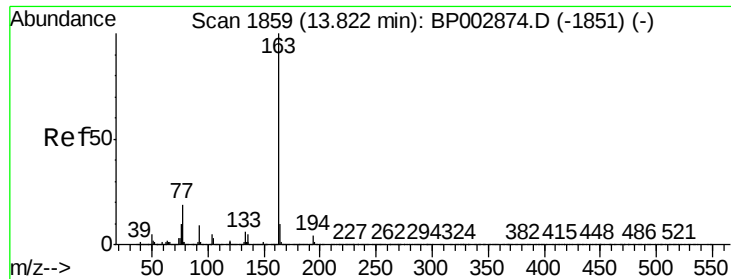
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#49
Acenaphthylene
Concen: 5.142 ng
RT: 14.05 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	45.1	16.5	24.7#
153	51.4	10.7	16.1#





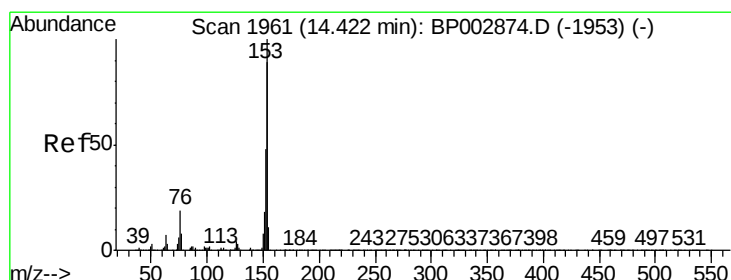
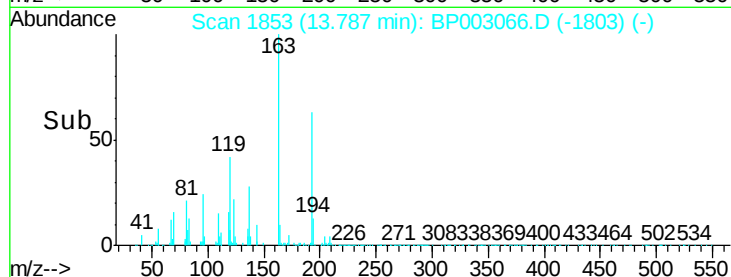
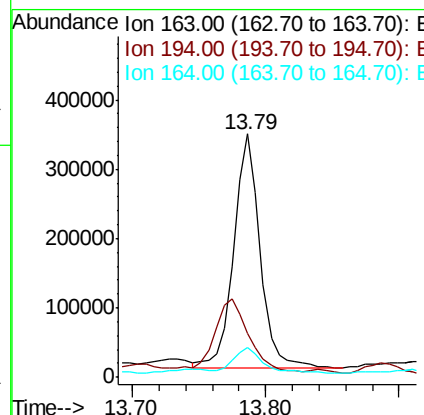
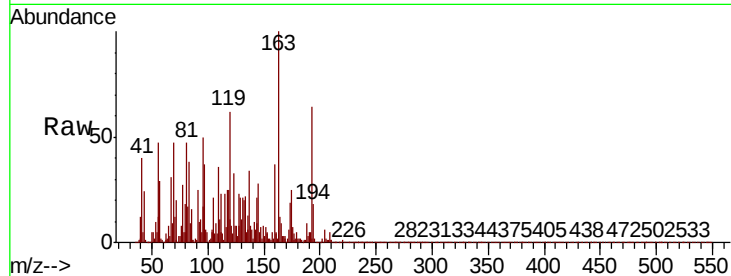
#50
Dimethylphthalate
Concen: 16.103 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	17.9	3.3	4.9#
164	12.2	8.1	12.1#

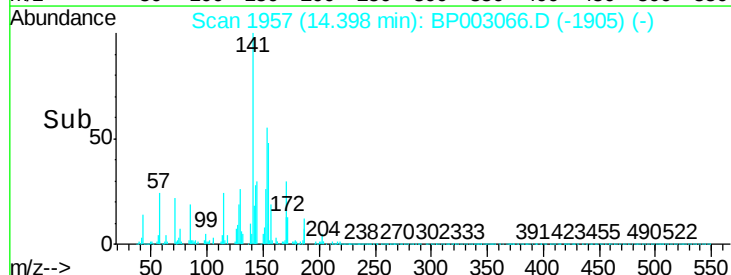
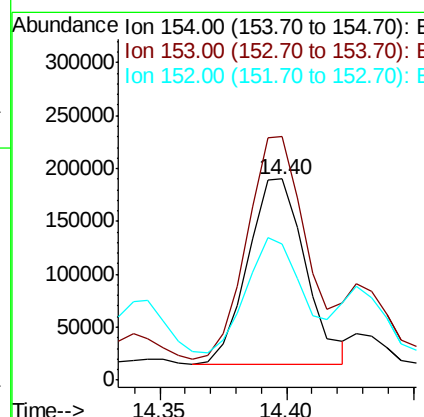
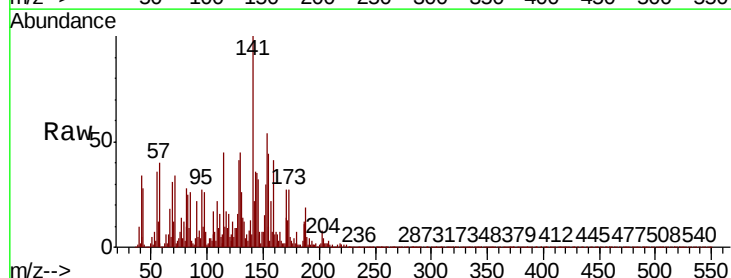
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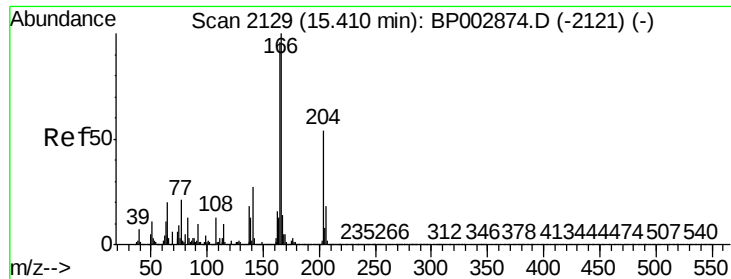
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#52
Acenaphthene
Concen: 11.479 ng
RT: 14.40 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	121.1	89.5	134.3
152	67.4	42.7	64.1#





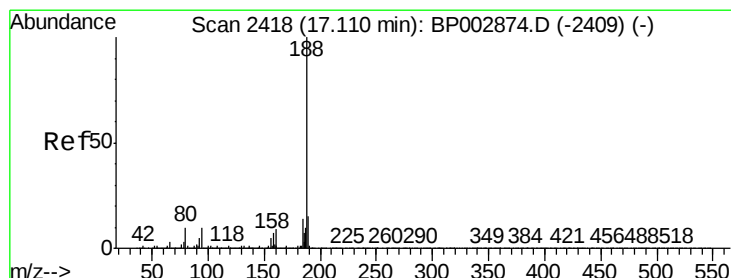
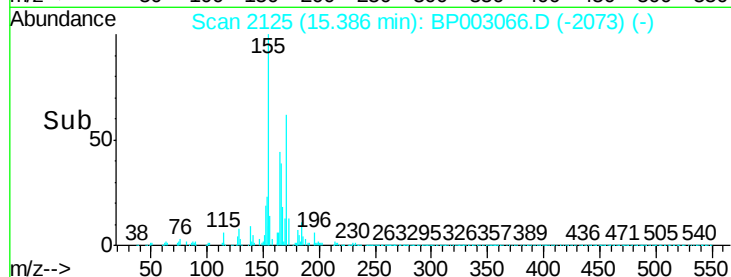
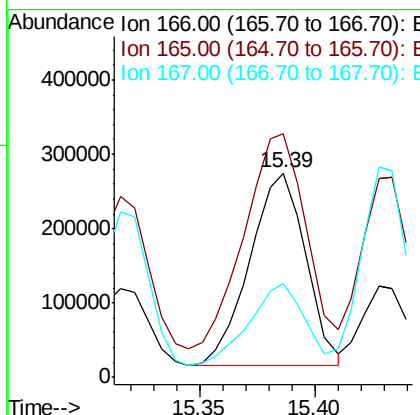
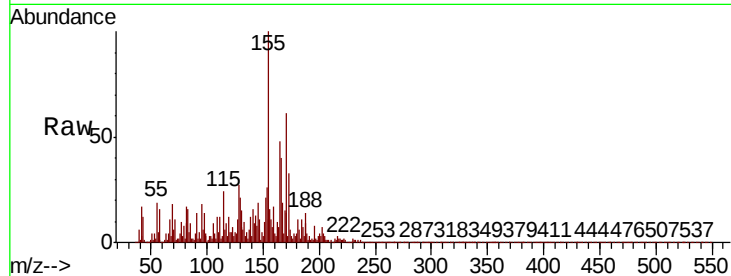
#58
Fluorene
 Concen: 14.949 ng
 RT: 15.39 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BP003066.D
 Acq: 20 Aug 2020 15:24

Instrument :
 BNA_P
 ClientSampled :
 E-2

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	119.2	78.1	117.1#	
167	45.9	10.9	16.3#	

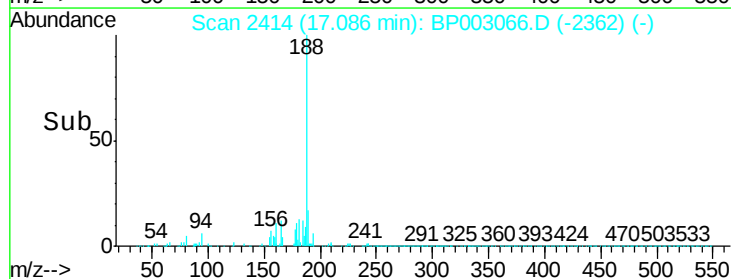
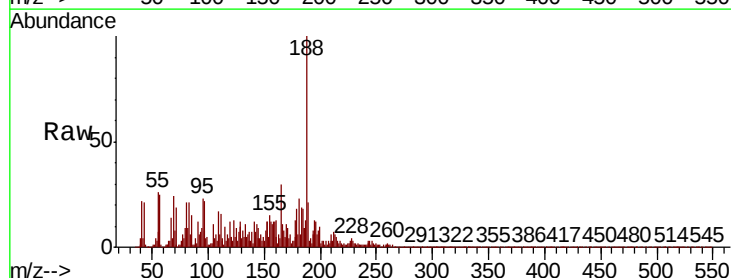
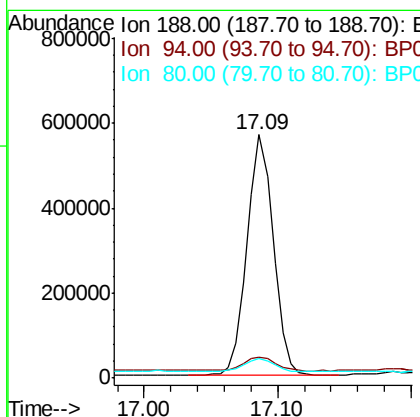
Manual Integrations
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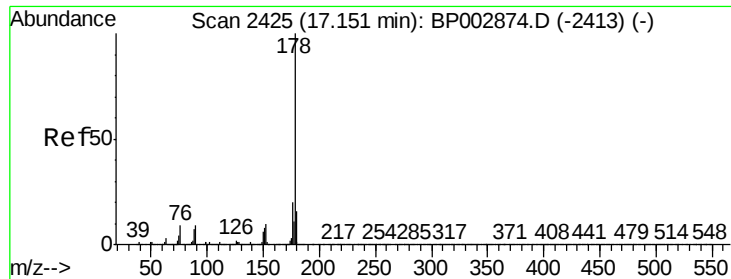
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.09 min Scan# 2414
 Delta R.T. 0.01 min
 Lab File: BP003066.D
 Acq: 20 Aug 2020 15:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.1	10.7	
80	8.1	6.7	10.1	





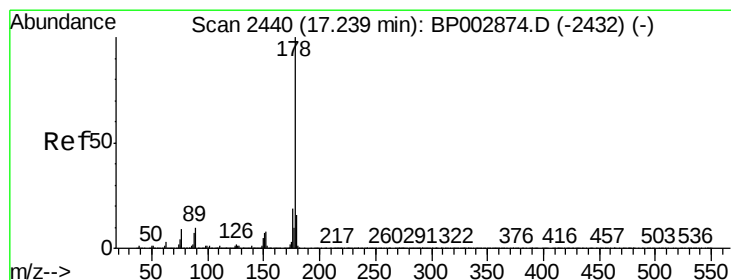
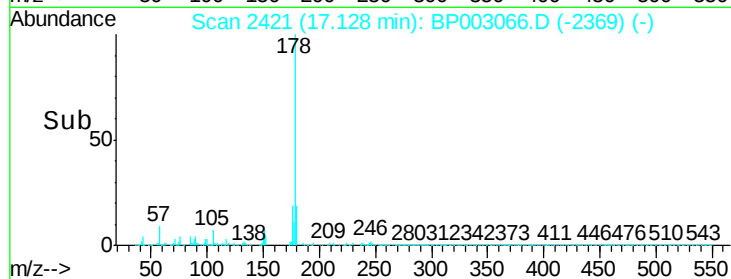
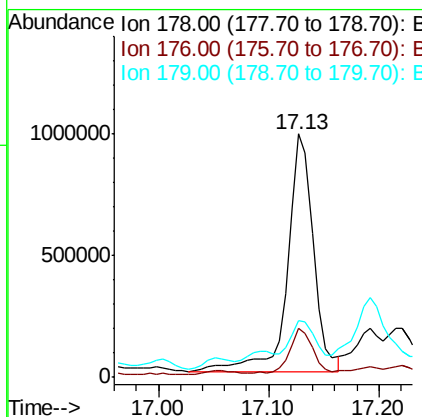
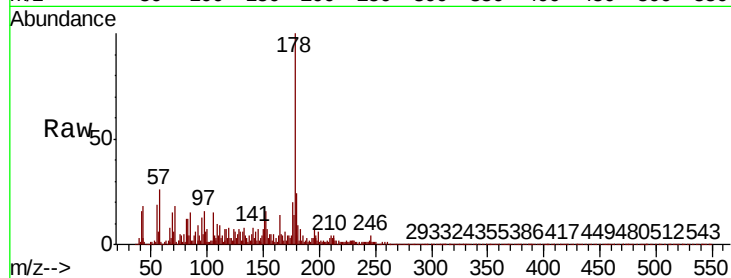
#71
Phenanthrene
Concen: 34.749 ng
RT: 17.13 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	23.5	12.9	19.3

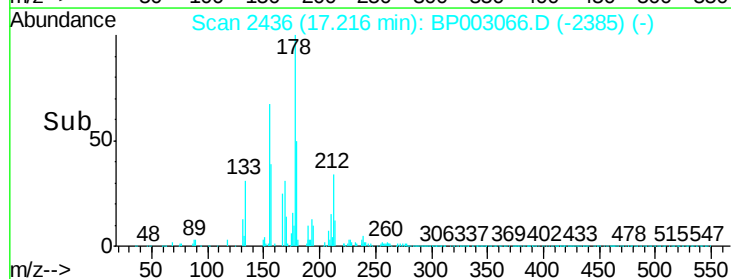
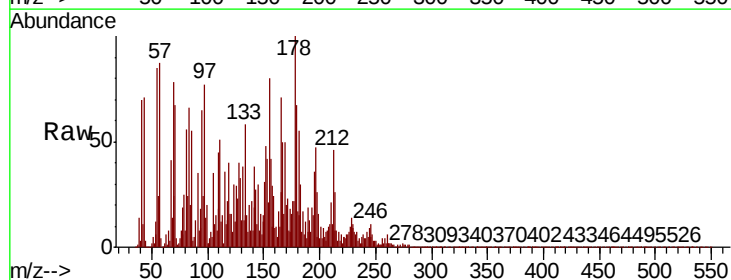
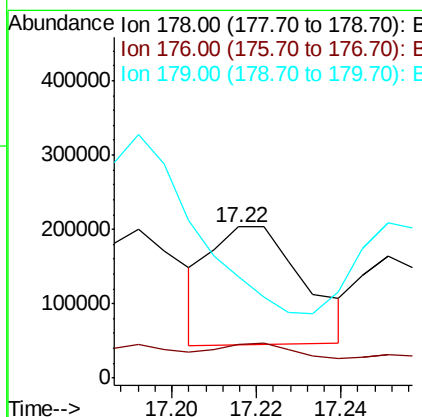
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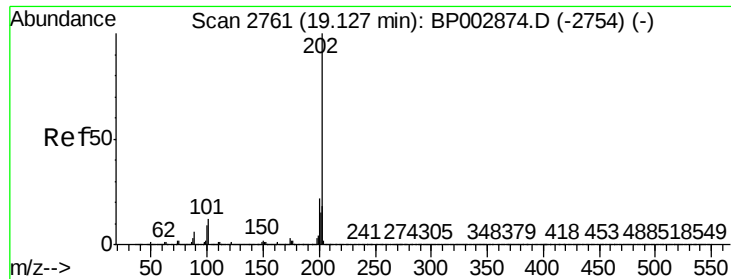
mohammad
8/21/2020 12:50:37 PM



#72
Anthracene
Concen: 5.461 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.4	23.0
179	66.9	12.7	19.1





#75

Fluoranthene

Concen: 26.500 ng

RT: 19.10 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Instrument :

BNA_P

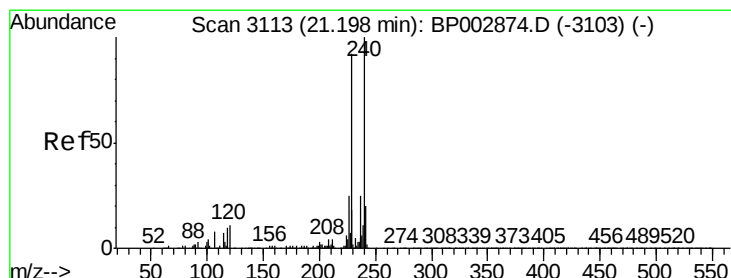
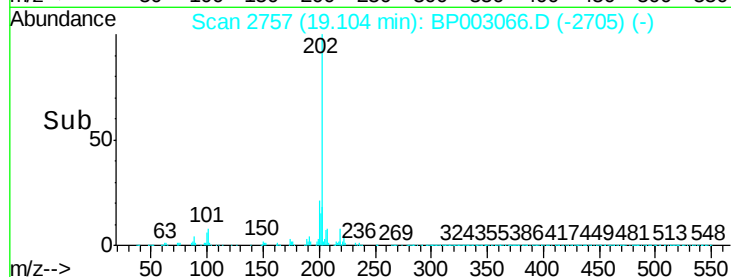
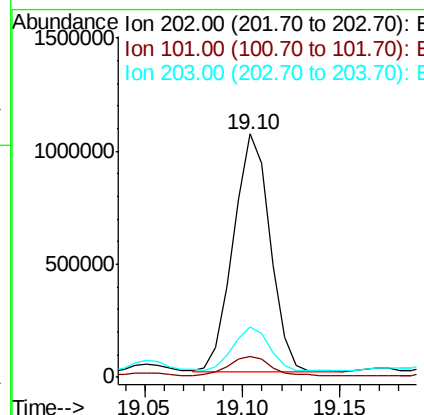
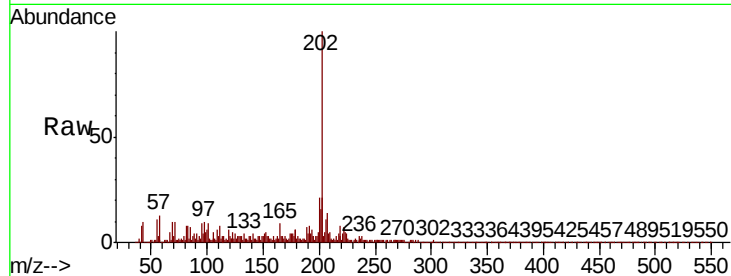
ClientSampled :

E-2

Tot Ion:	202	Resp:	1376141
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	31.2
203	20.6	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

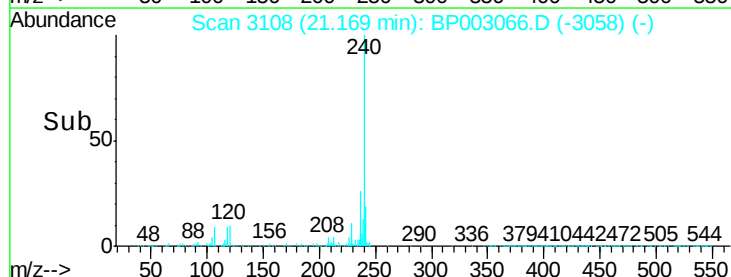
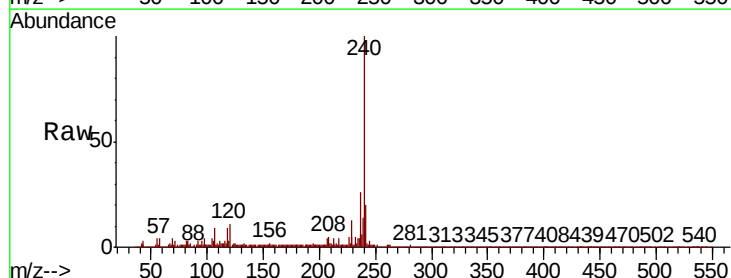
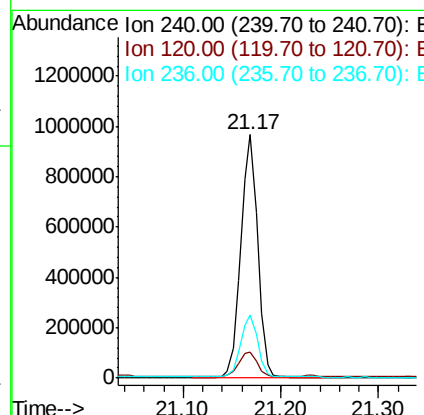
RT: 21.17 min Scan# 3108

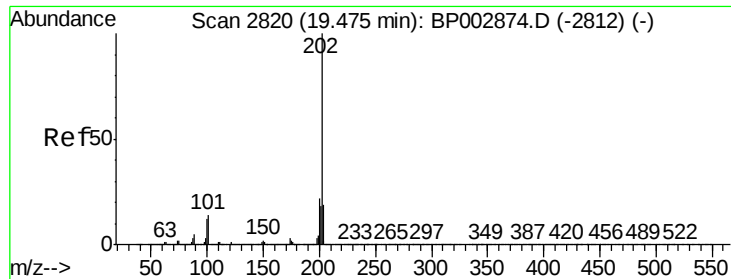
Delta R.T. -0.01 min

Lab File: BP003066.D

Acq: 20 Aug 2020 15:24

Tgt Ion:	240	Resp:	1155373
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.2	20.8	31.2





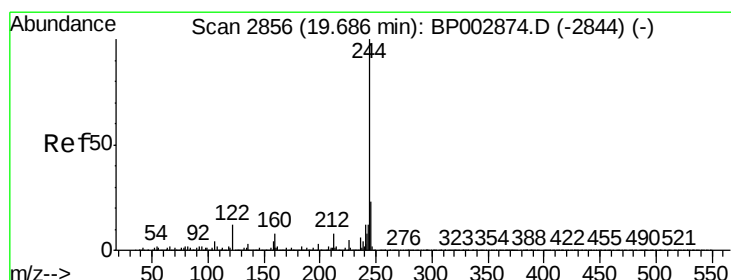
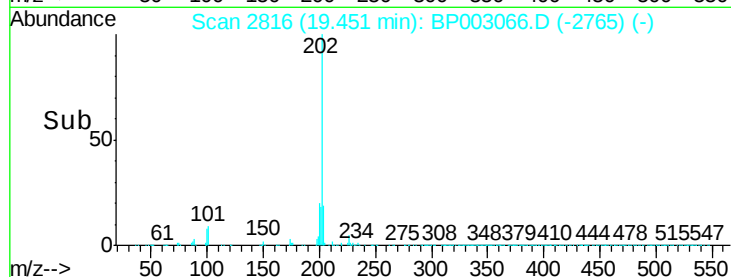
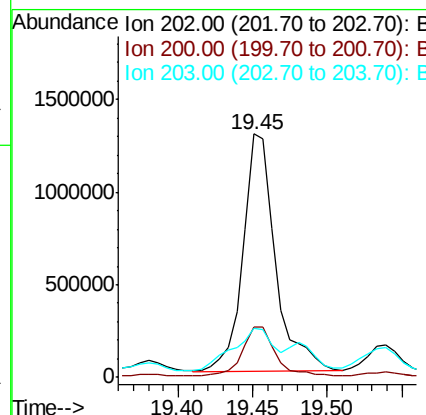
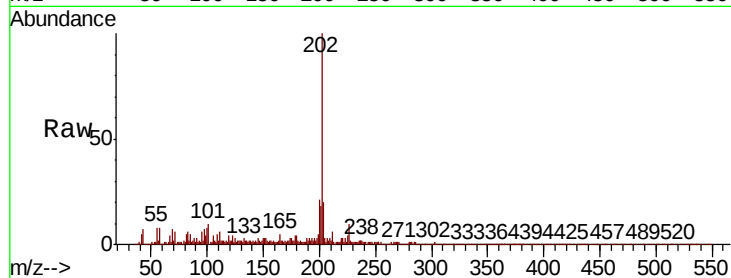
#78
Pvrene
Concen: 24.127 ng
RT: 19.45 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	20.4	14.6	22.0

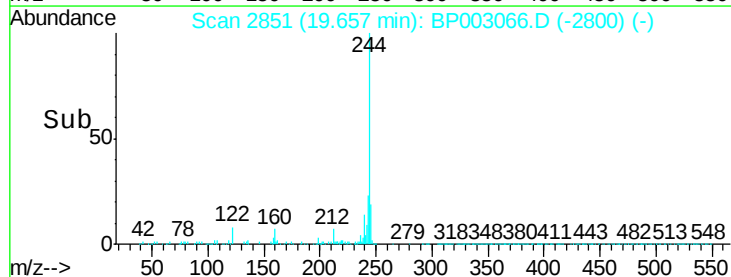
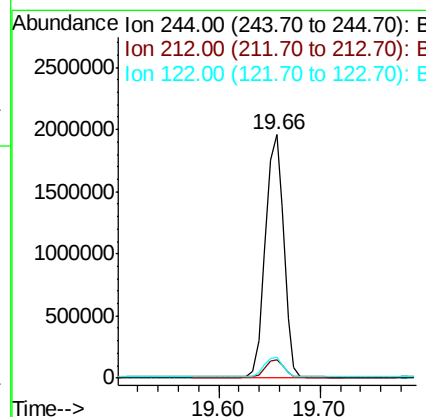
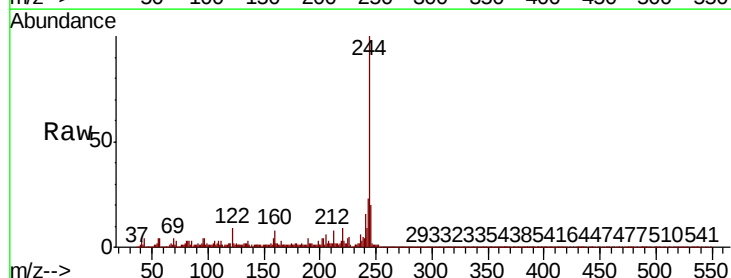
Manual Integrations
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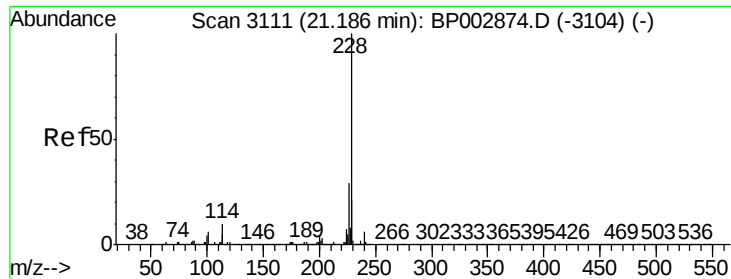
mohammad
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#79
Terphenyl-d14
Concen: 42.897 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.6	8.7	13.1





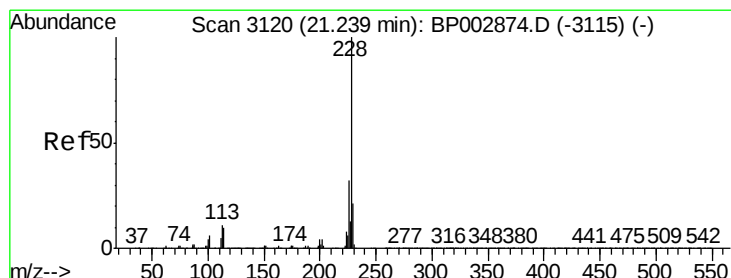
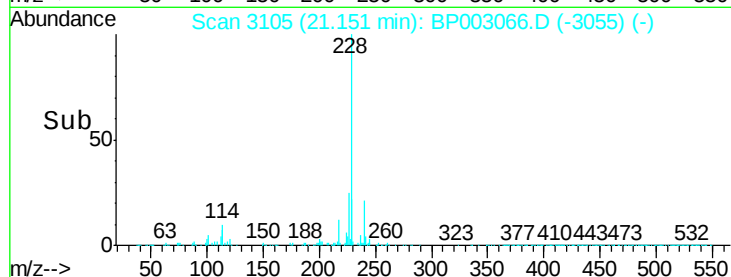
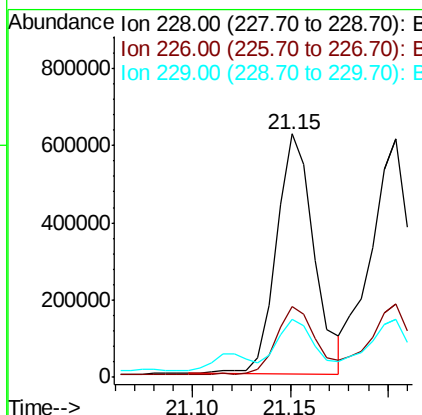
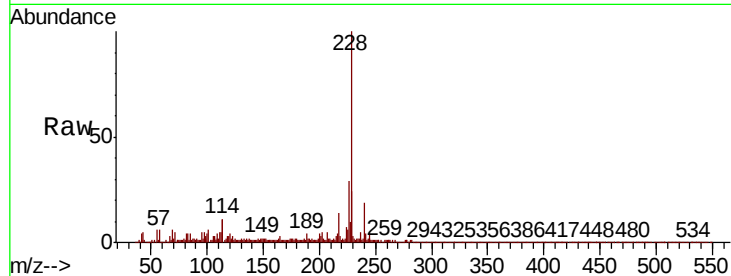
#81
Benzo(a)anthracene
Concen: 10.554 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.8	22.6	33.8		
229	23.7	16.5	24.7		

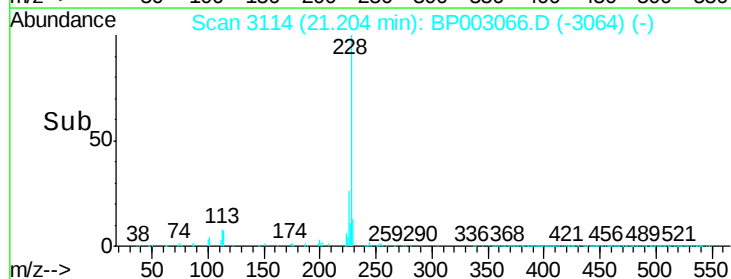
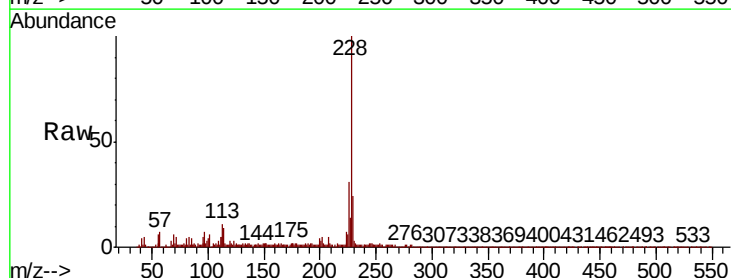
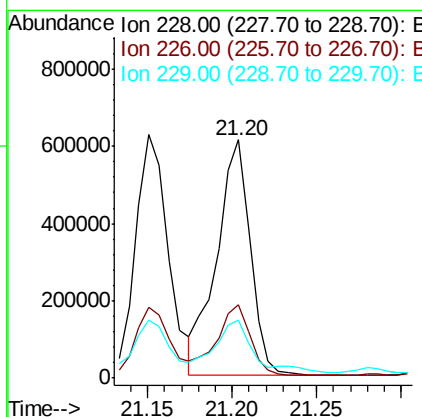
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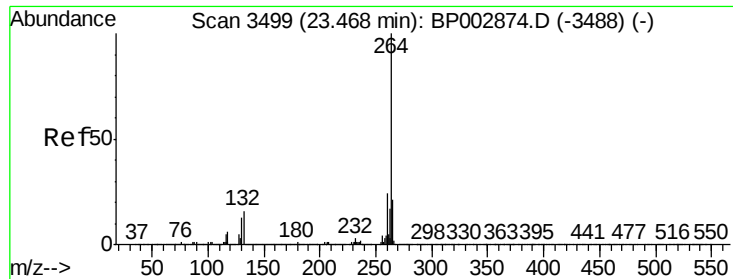
mohammad
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#83
Chrysene
Concen: 11.418 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.7	24.9	37.3		
229	24.2	16.3	24.5		





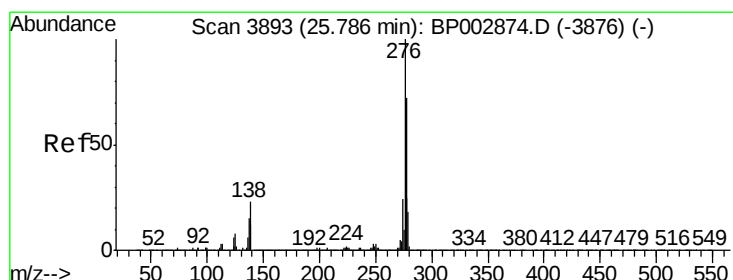
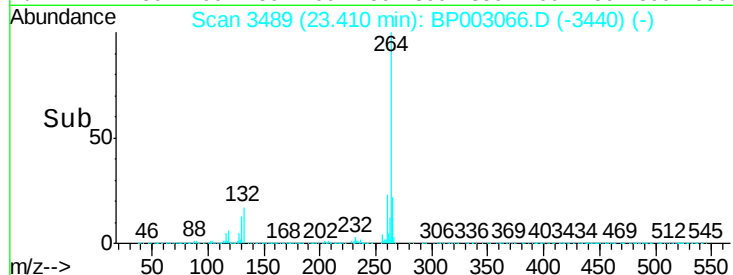
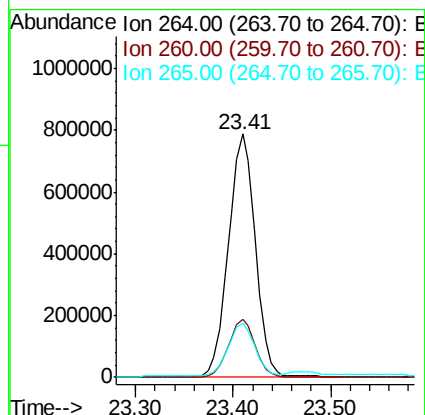
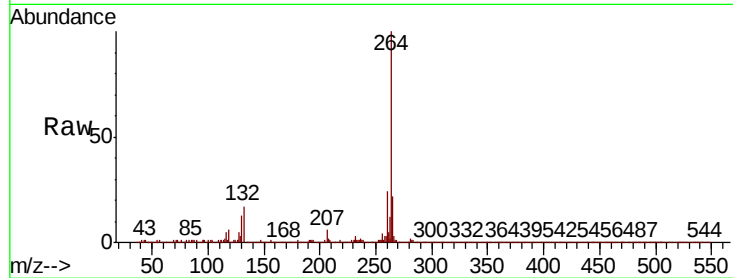
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampled :
E-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.3	25.9

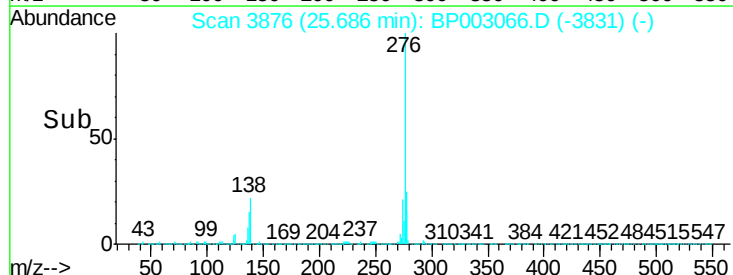
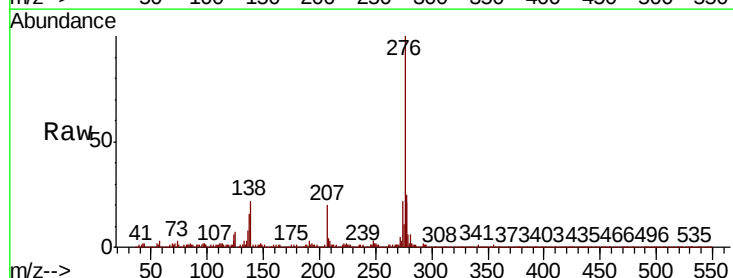
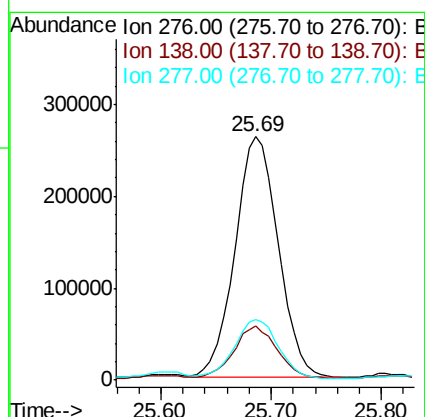
Manual Integrations
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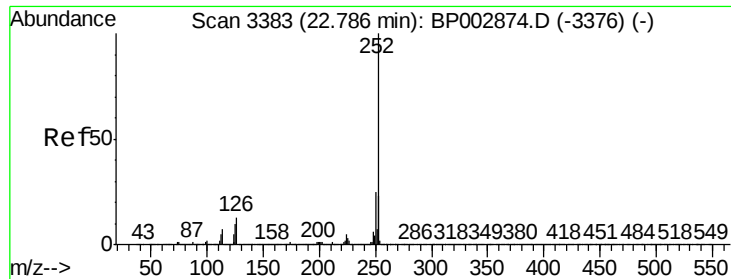
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.040 ng
RT: 25.69 min Scan# 3876
Delta R.T. -0.04 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.2	33.2#
277	25.0	20.4	30.6





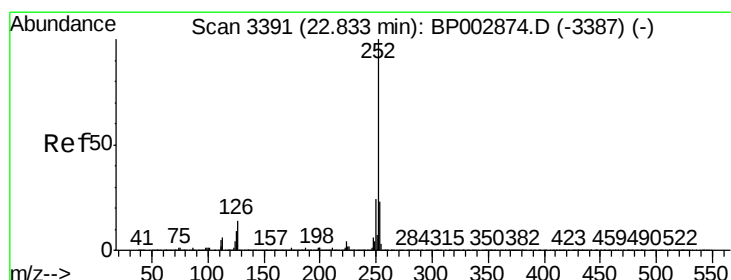
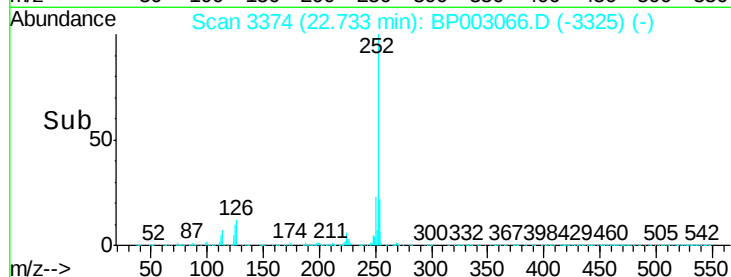
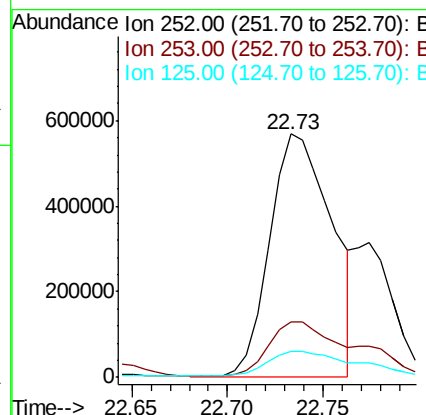
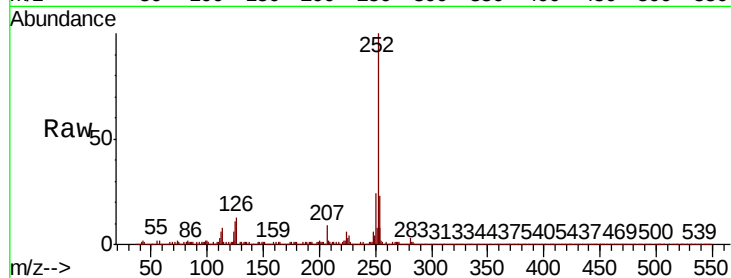
#88
Benzo(b)fluoranthene
Concen: 12.244 ng m
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.9	9.4	14.2

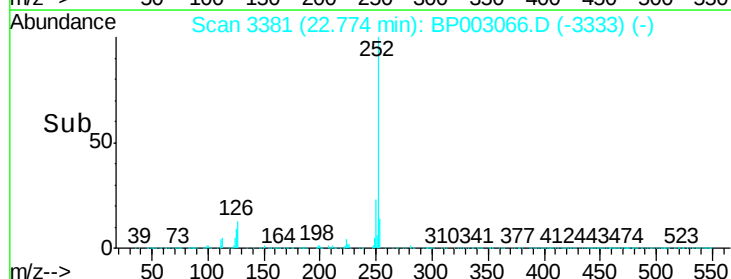
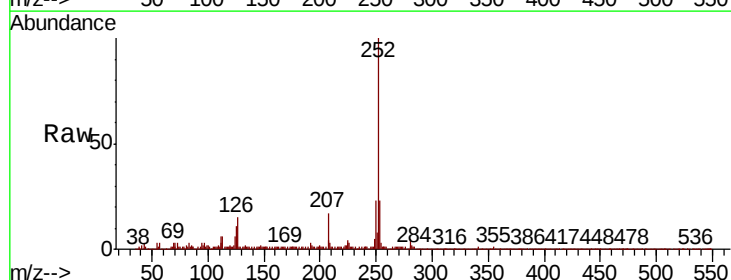
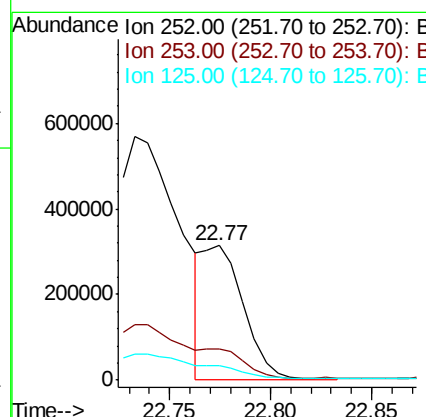
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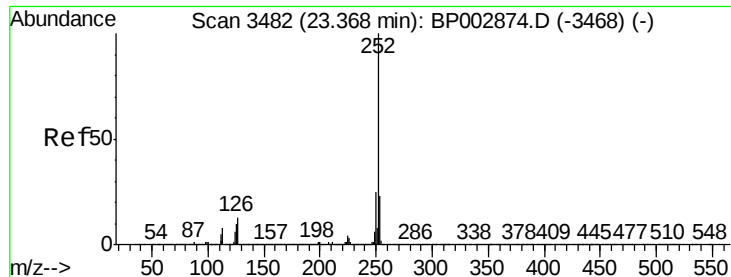
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.429 ng m
RT: 22.77 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	10.9	9.3	13.9





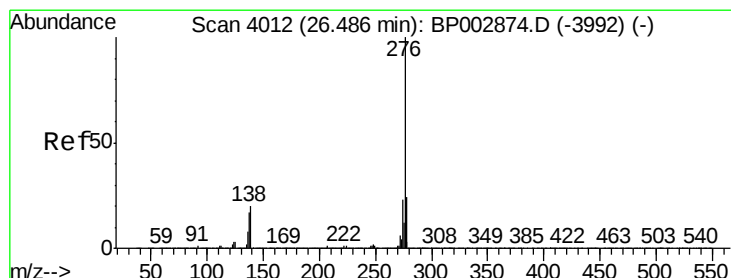
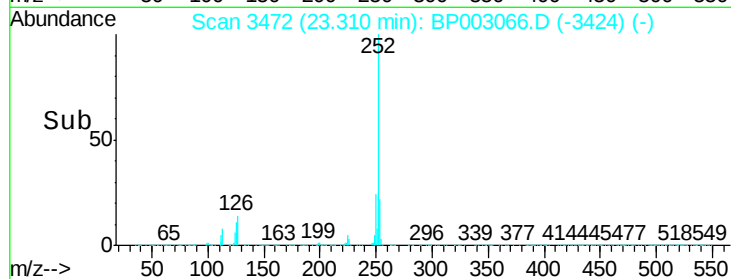
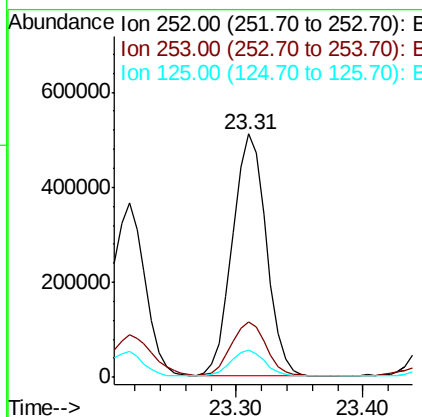
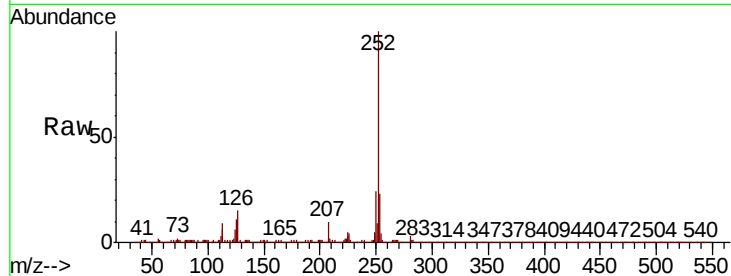
#90
Benzo(a)pyrene
Concen: 9.886 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Instrument :
BNA_P
ClientSampleId :
E-2

Tot Ion:	252	Resp:	943112
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.1	9.9	14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.538 ng
RT: 26.39 min Scan# 3995
Delta R.T. -0.04 min
Lab File: BP003066.D
Acq: 20 Aug 2020 15:24

Tgt Ion:	276	Resp:	743300
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.1	28.7
138	21.8	19.3	28.9

