

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
 Data File : BP002731.D
 Acq On : 13 Jul 2020 12:17
 Operator : CG/JU
 Sample : L3216-02
 Misc : L00-SOIL-5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Manual Integrations
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 7/14/2020 12:02:25 PM

Quant Time: Jul 13 12:48:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	143080	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	593541	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	377567	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	824598	20.00	ng	0.00
76) Chrysene-d12	21.07	240	826167	20.00	ng	0.00
86) Perylene-d12	23.26	264	810991	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	886049	104.48	ng	0.00
7) Phenol-d6	6.75	99	1250453	103.32	ng	0.00
23) Nitrobenzene-d5	8.70	82	820445	73.93	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	416433	105.66	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1870493	76.64	ng	0.00
79) Terphenyl-d14	19.55	244	2259685	62.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	20276	5.484	ng	97
3) Pyridine	3.52	79	38397	3.485	ng	95
4) n-Nitrosodimethylamine	3.43	42	17891	4.310	ng	# 90
6) Aniline	6.89	93	69085	4.509	ng	98
8) 2-Chlorophenol	7.12	128	43208	4.579	ng	93
9) Benzaldehyde	6.70	77	40399	6.144	ng	99
10) Phenol	6.78	94	56773	4.579	ng	92
11) bis(2-Chloroethyl)ether	6.99	93	45150	4.378	ng	98
12) 1,3-Dichlorobenzene	7.45	146	49492	4.574	ng	98
13) 1,4-Dichlorobenzene	7.59	146	50483	4.649	ng	98
14) 1,2-Dichlorobenzene	7.90	146	47978	4.582	ng	99
15) Benzyl Alcohol	7.80	79	28758	3.551	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	65282	4.402	ng	98
17) 2-Methylphenol	8.02	107	34589	3.916	ng	98
18) Hexachloroethane	8.62	117	16864	4.385	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	32510	4.411	ng	98
20) 3+4-Methylphenols	8.35	107	44697	3.827	ng	# 86
22) Acetophenone	8.37	105	68059	4.651	ng	95
24) Nitrobenzene	8.74	77	53929	4.487	ng	99
25) Isophorone	9.26	82	89724	3.967	ng	99
26) 2-Nitrophenol	9.46	139	17816	3.432	ng	95
27) 2,4-Dimethylphenol	9.54	122	35023	4.156	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	58278	4.242	ng	99
29) 2,4-Dichlorophenol	10.02	162	33642	3.621	ng	95
30) 1,2,4-Trichlorobenzene	10.20	180	45891	4.312	ng	97
31) Naphthalene	10.38	128	141112	4.503	ng	99
32) Benzoic acid	9.74	122	1262	7.227	ng	89
33) 4-Chloroaniline	10.50	127	51170	3.811	ng	98
34) Hexachlorobutadiene	10.68	225	25845	4.202	ng	97
35) Caprolactam	11.25	113	9210	2.835	ng	91
36) 4-Chloro-3-methylphenol	11.65	107	35583	3.553	ng	95
37) 2-Methylnaphthalene	12.00	142	98658	4.462	ng	100
38) 1-Methylnaphthalene	12.22	142	94925	4.539	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	53243	4.588	ng	99

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Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

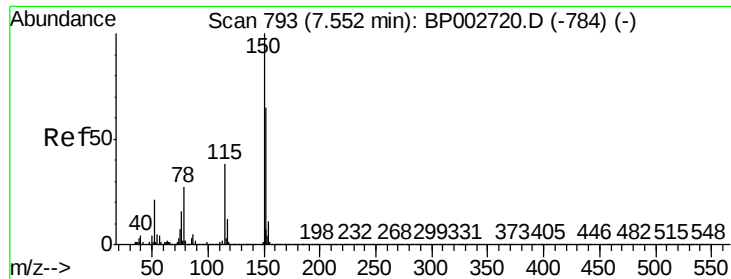
Manual Integrations
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Quant Time: Jul 13 12:48:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	4755	8.273	nq	85
43) 2,4,6-Trichlorophenol	12.64	196	24584	3.310	nq	97
44) 2,4,5-Trichlorophenol	12.72	196	27193	3.157	nq	94
46) 1,1'-Biphenyl	13.03	154	137739	4.893	nq	99
47) 2-Chloronaphthalene	13.06	162	100675	4.403	nq	99
48) 2-Nitroaniline	13.29	65	21031	2.976	nq	97
49) Acenaphthylene	13.92	152	153392	4.256	nq	98
50) Dimethylphthalate	13.67	163	121385	4.216	nq	100
51) 2,6-Dinitrotoluene	13.79	165	21125	3.427	nq	93
52) Acenaphthene	14.26	154	95796	4.447	nq	98
53) 3-Nitroaniline	14.13	138	20289	2.942	nq	93
54) 2,4-Dinitrophenol	14.32	184	24	11.380	nq	# 1
55) Dibenzofuran	14.61	168	157174	4.550	nq	97
56) 4-Nitrophenol	14.52	139	5766	5.950	nq	88
57) 2,4-Dinitrotoluene	14.59	165	24012	2.958	nq	# 79
58) Fluorene	15.26	166	122319	4.785	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	24829	3.656	nq	97
60) Diethylphthalate	15.05	149	112508	4.030	nq	99
61) 4-Chlorophenyl-phenylether	15.26	204	63546	4.679	nq	99
62) 4-Nitroaniline	15.30	138	18917m	3.899	nq	
63) Azobenzene	15.56	77	118652	4.133	nq	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	6756	6.487	nq	95
66) n-Nitrosodiphenylamine	15.48	169	105015	4.311	nq	97
67) 4-Bromophenyl-phenylether	16.16	248	35520	3.954	nq	95
68) Hexachlorobenzene	16.27	284	40900	4.322	nq	97
69) Atrazine	16.45	200	30123	4.530	nq	99
70) Pentachlorophenol	16.65	266	2973	8.030	nq	# 89
71) Phenanthrene	17.00	178	204563	4.582	nq	99
72) Anthracene	17.10	178	193023	4.406	nq	98
73) Carbazole	17.38	167	173903	4.045	nq	99
74) Di-n-butylphthalate	17.95	149	161388	3.461	nq	99
75) Fluoranthene	18.99	202	223400	4.318	nq	98
77) Benzidine	19.19	184	67772	3.309	nq	98
78) Pyrene	19.35	202	239868	4.205	nq	98
80) Butylbenzylphthalate	20.24	149	66933	2.974	nq	98
81) Benzo(a)anthracene	21.06	228	230978	4.319	nq	98
82) 3,3'-Dichlorobenzidine	21.00	252	67600	3.817	nq	97
83) Chrysene	21.11	228	224370	4.407	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	104173	3.327	nq	100
85) Di-n-octyl phthalate	21.87	149	170305	3.026	nq	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	247414	4.221	nq	99
88) Benzo(b)fluoranthene	22.60	252	210572	4.181	nq	98
89) Benzo(k)fluoranthene	22.65	252	221502	4.466	nq	99
90) Benzo(a)pyrene	23.16	252	191516	4.013	nq	98
91) Dibenzo(a,h)anthracene	25.47	278	203254	4.300	nq	97
92) Benzo(g,h,i)perylene	26.13	276	205532	4.288	nq	98

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



#1

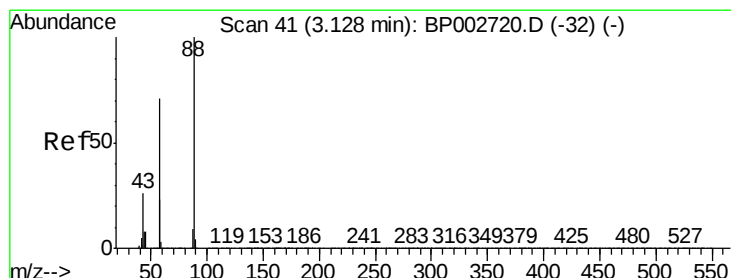
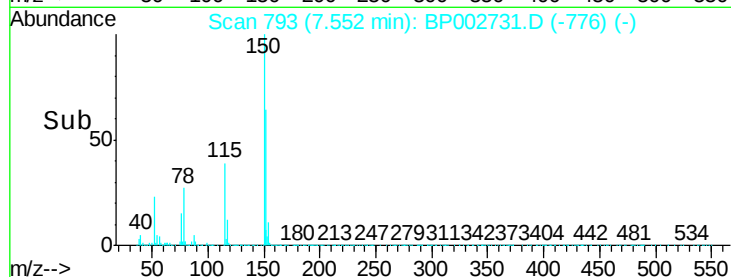
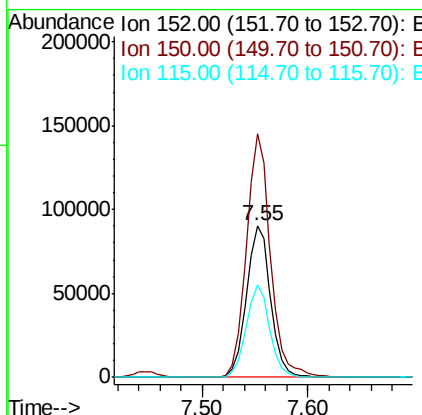
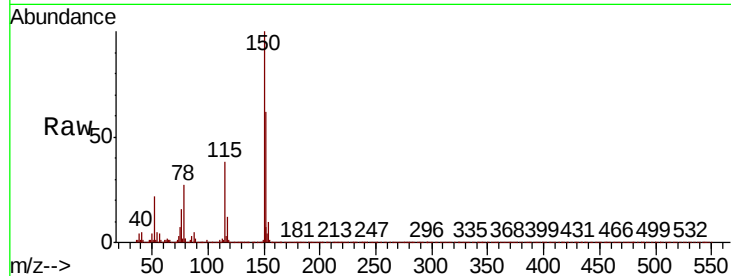
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.7	185.5
115	61.3	47.2	70.8

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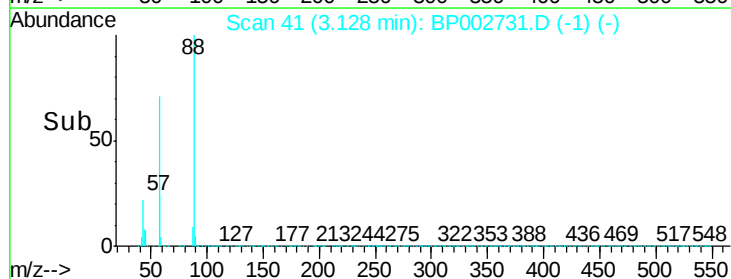
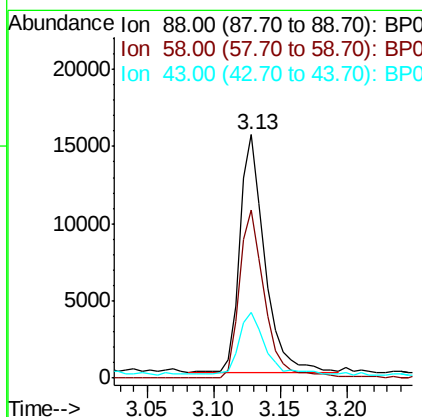
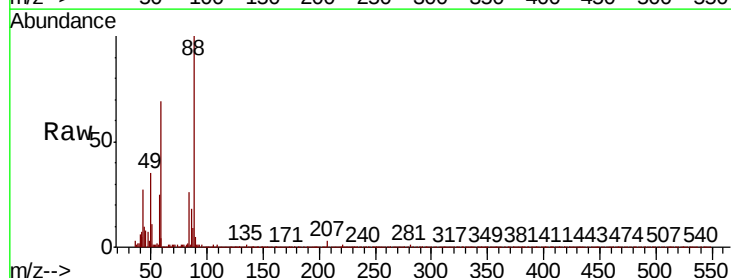
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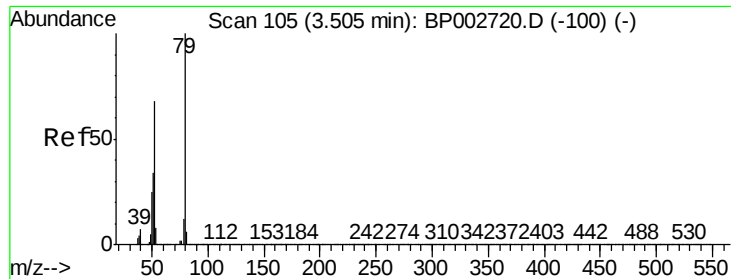


#2

1,4-Dioxane
Concen: 5.484 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	58.2	87.4
43	25.7	21.5	32.3





#3

Pvridine

Concen: 3.485 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.02 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

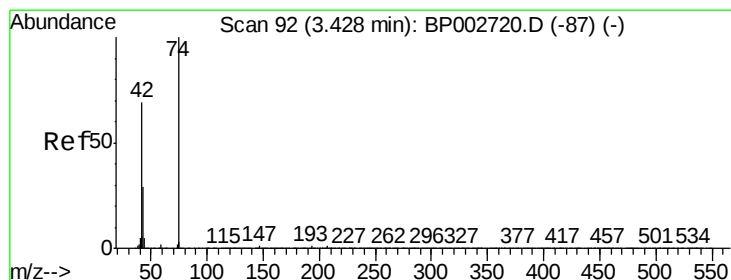
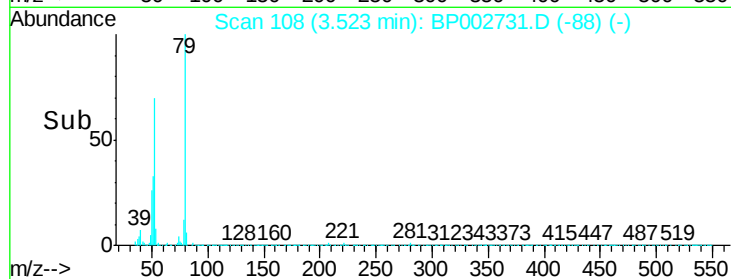
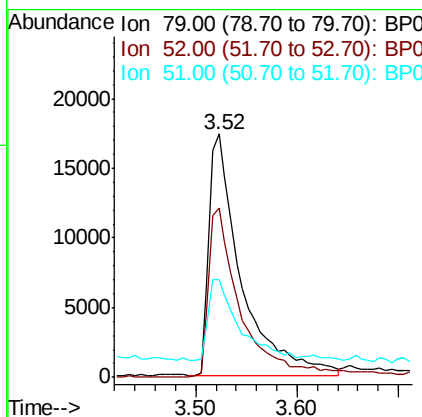
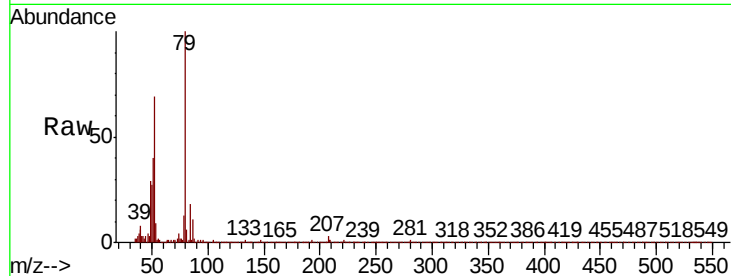
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	79	Resp:	38397
Ion Ratio	Lower	Upper	
79	100		
52	69.5	54.2	81.2
51	40.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 4.310 ng

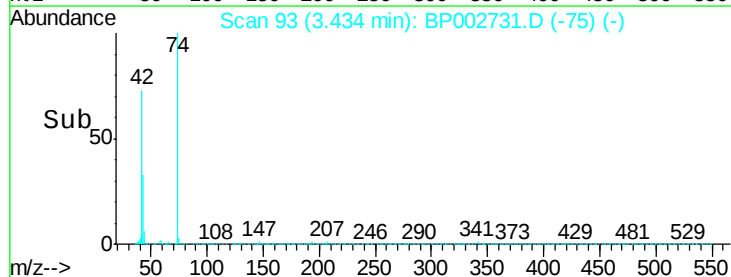
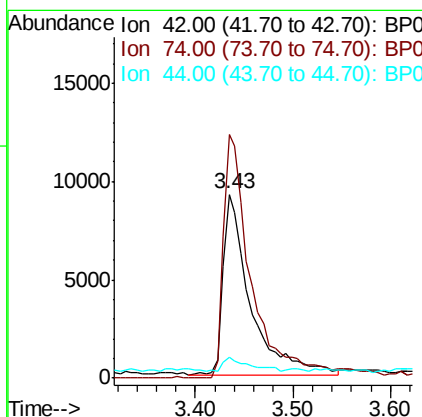
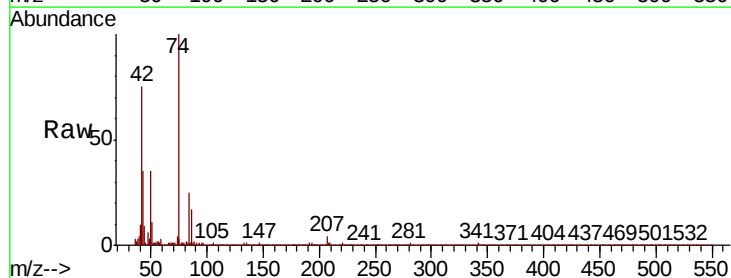
RT: 3.43 min Scan# 93

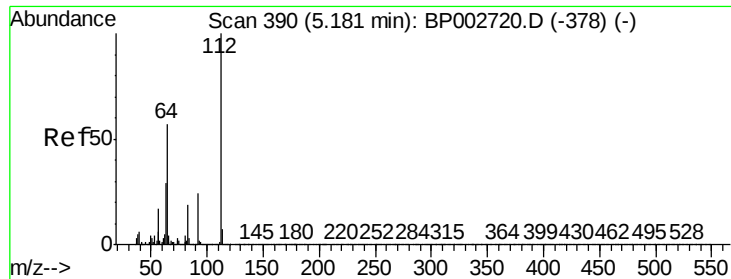
Delta R.T. 0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	42	Resp:	17891
Ion Ratio	Lower	Upper	
42	100		
74	132.5	116.3	174.5
44	11.4	5.9	8.9#





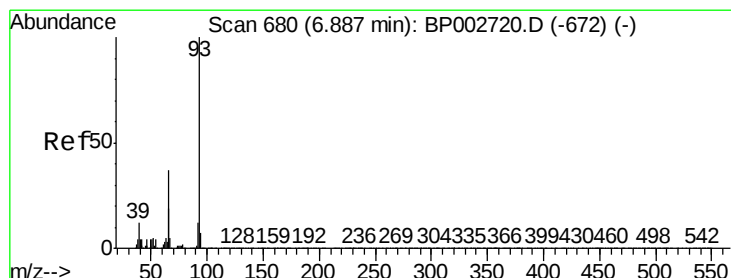
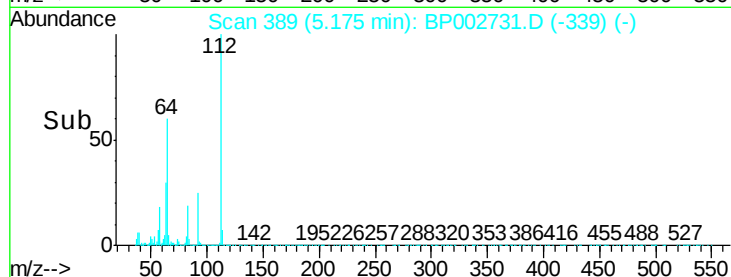
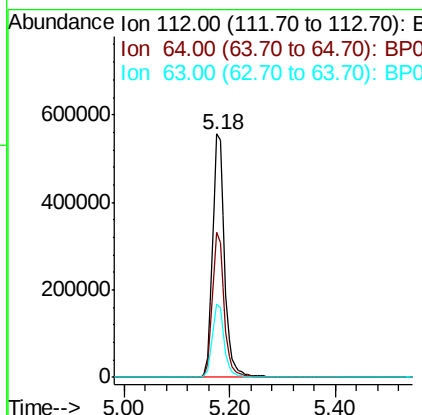
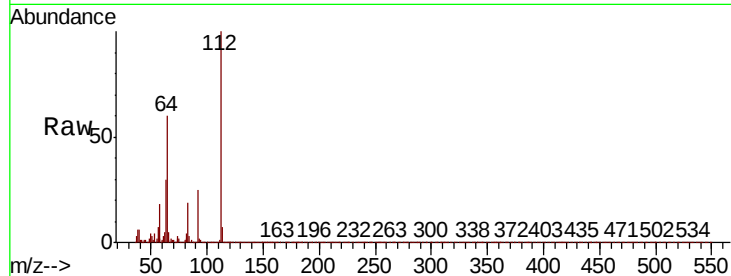
#5
2-Fluorophenol
Concen: 104.482 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
112	100	886049		
64	59.7	45.6	68.4	
63	30.4	23.5	35.3	

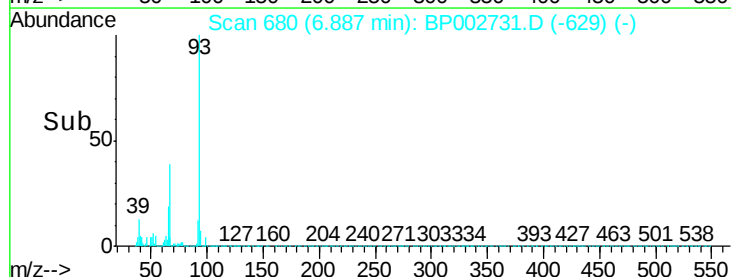
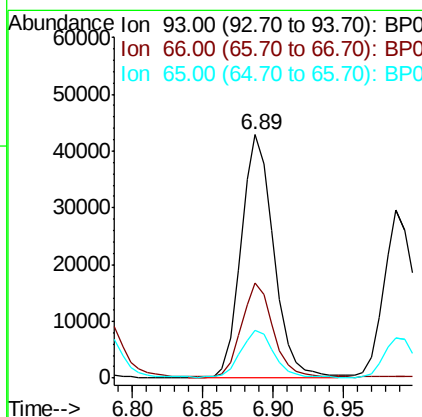
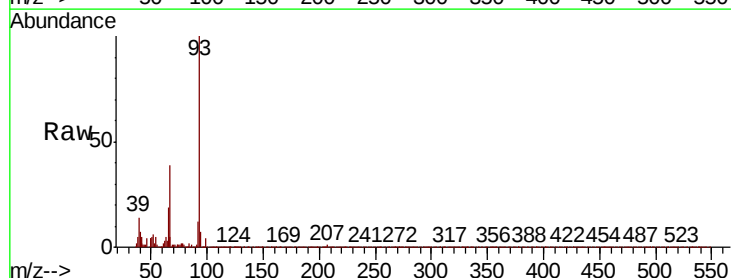
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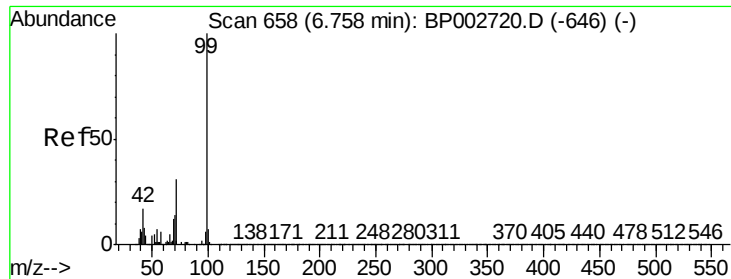
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#6
Aniline
Concen: 4.509 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	69085		
66	39.0	30.1	45.1	
65	19.5	15.4	23.2	





#7

Phenol-d6

Concen: 103.318 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion: 99 Resp: 1250453

Ion Ratio Lower Upper

99 100

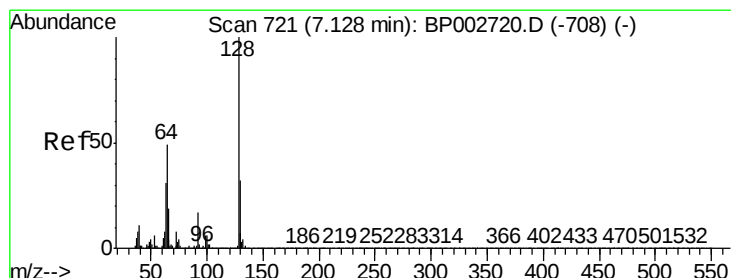
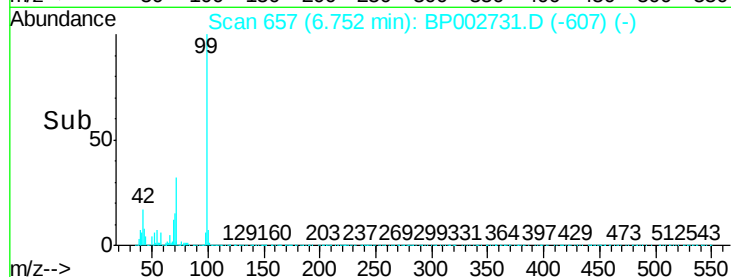
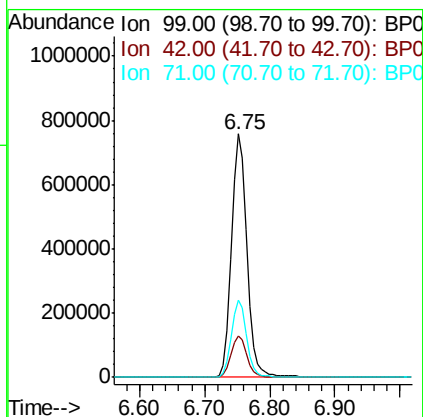
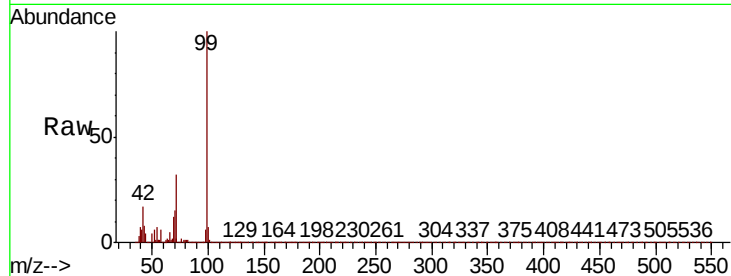
42 17.2 13.4 20.2

71 31.6 24.6 36.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 4.579 ng

RT: 7.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

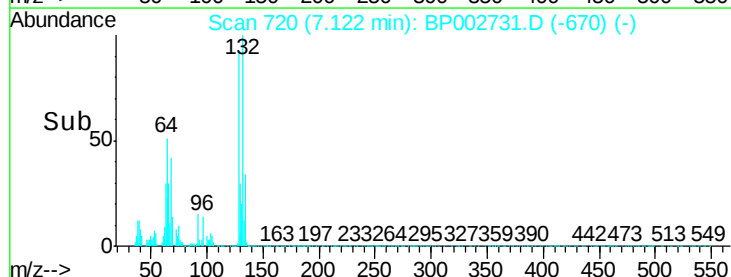
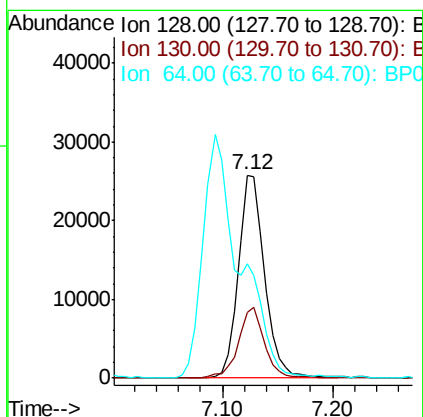
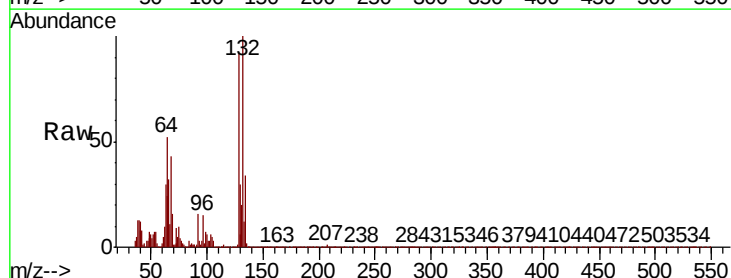
Tgt Ion: 128 Resp: 43208

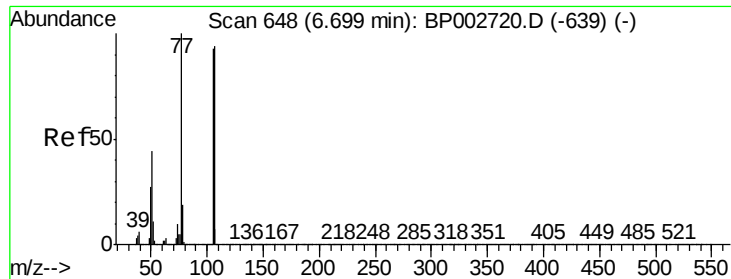
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 56.5 28.8 68.8





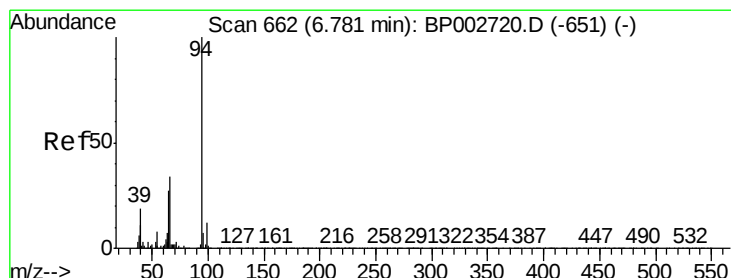
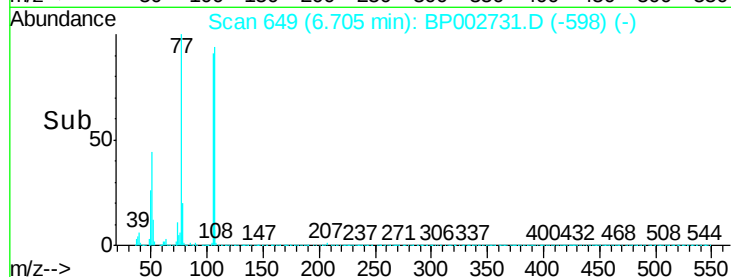
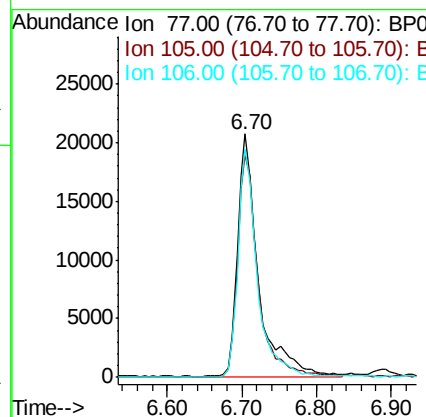
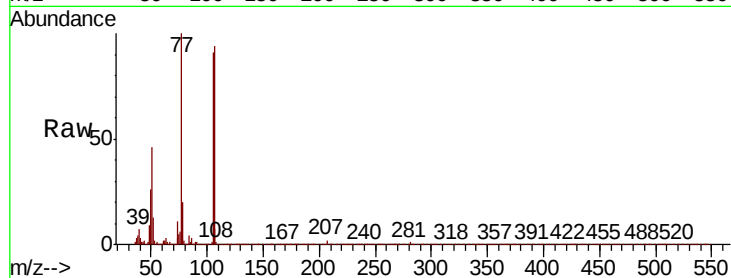
#9
Benzaldehyde
Concen: 6.144 ng
RT: 6.70 min Scan# 649
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	91.0	73.2	113.2		
106	94.0	73.6	113.6		

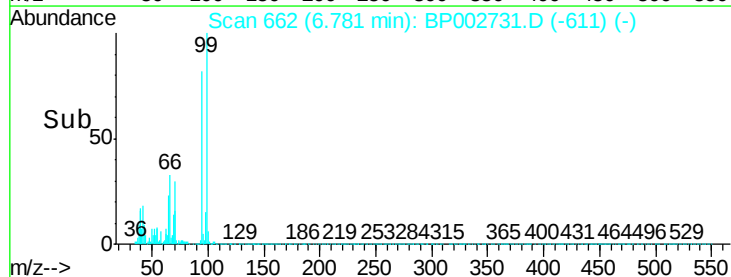
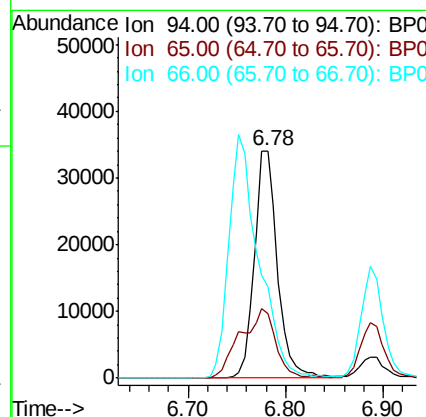
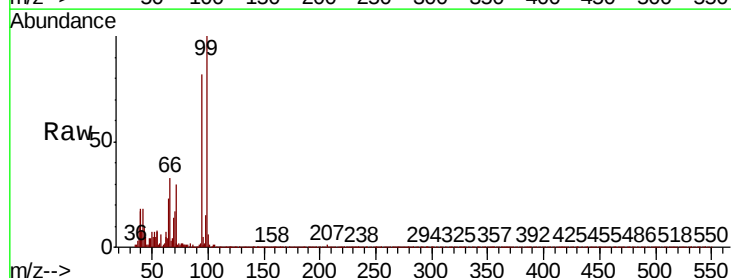
Manual Integrations
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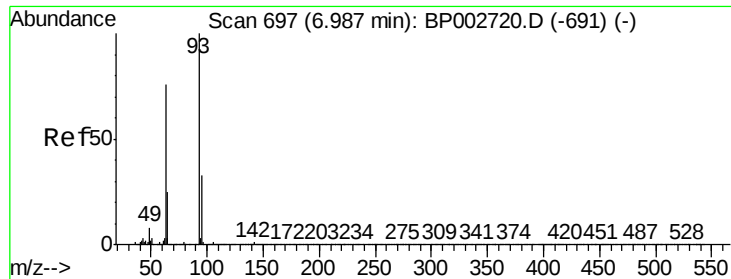
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#10
Phenol
Concen: 4.579 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.3	7.0	47.0		
66	40.3	13.7	53.7		





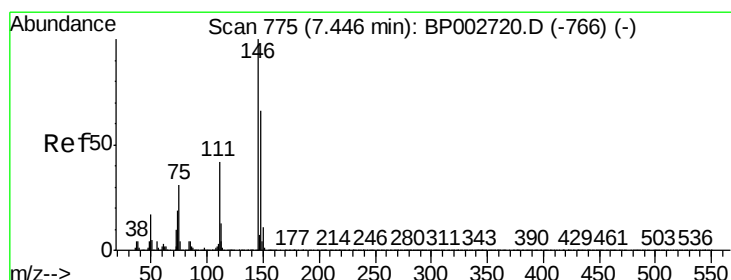
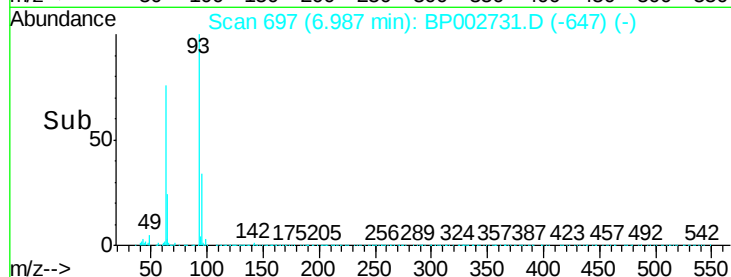
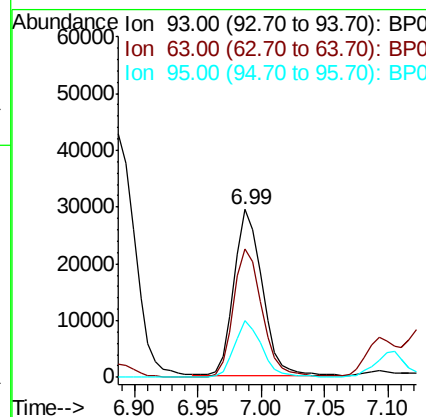
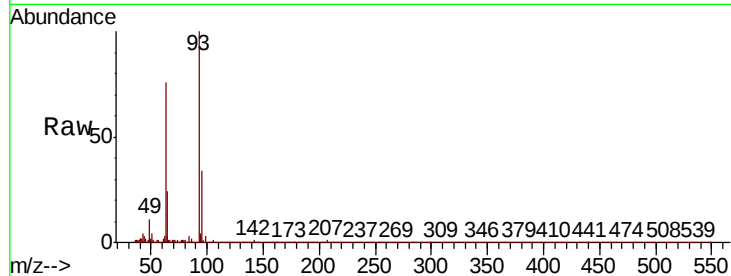
#11
bis(2-Chloroethyl)ether
Concen: 4.378 ng
RT: 6.99 min Scan# 697
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	55.1	95.1
95	33.8	12.7	52.7

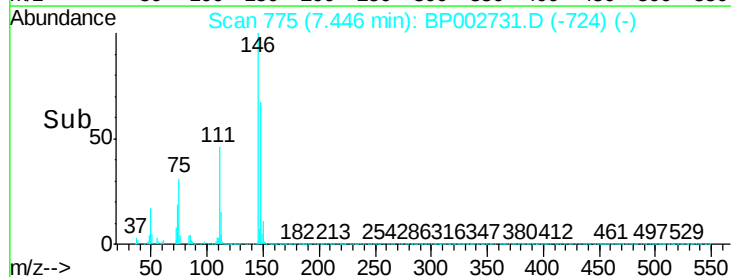
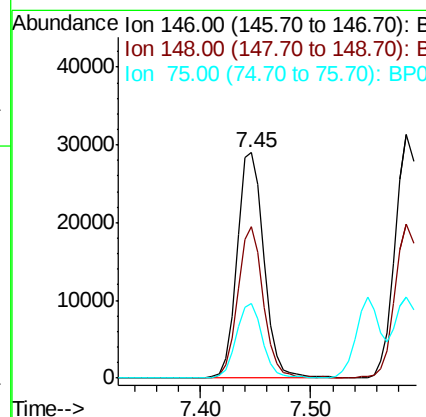
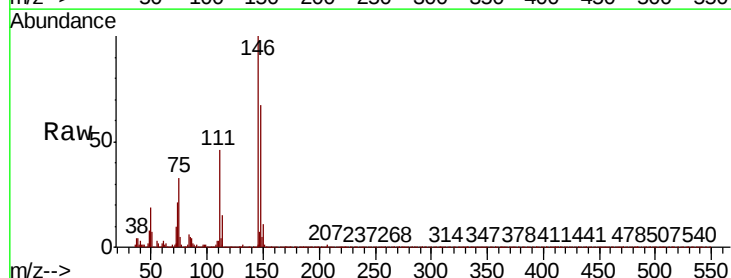
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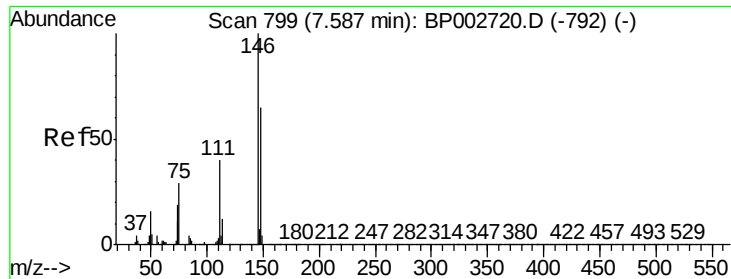
mohammad
7/14/2020 12:02:25 PM



#12
1,3-Dichlorobenzene
Concen: 4.574 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.6	78.8
75	33.1	25.2	37.8





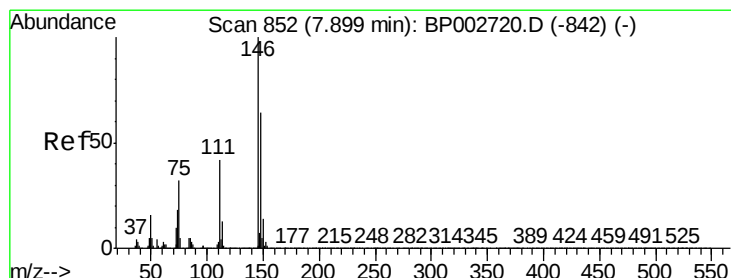
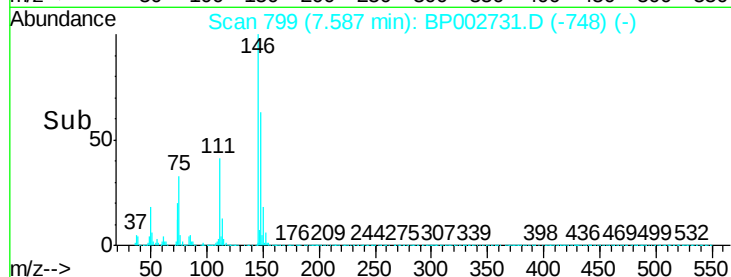
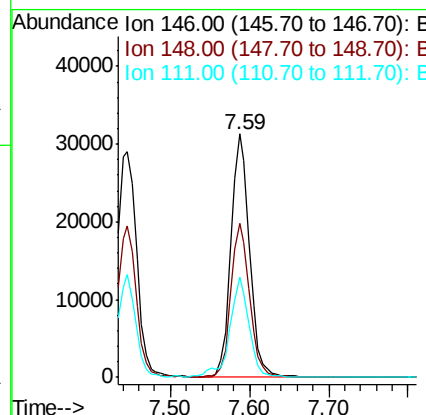
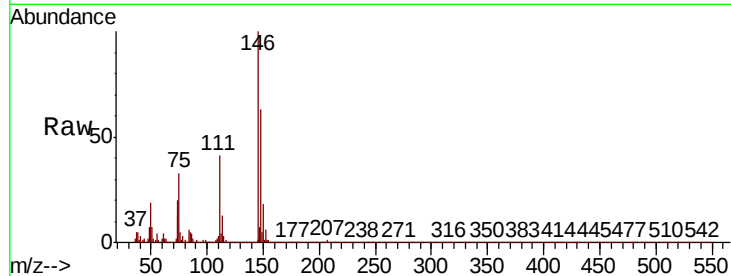
#13
1,4-Dichlorobenzene
Concen: 4.649 ng
RT: 7.59 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	41.2	32.2	48.2

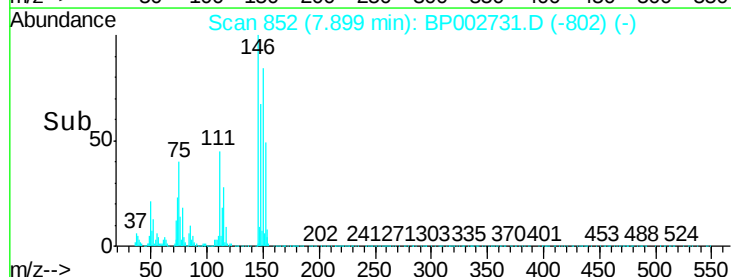
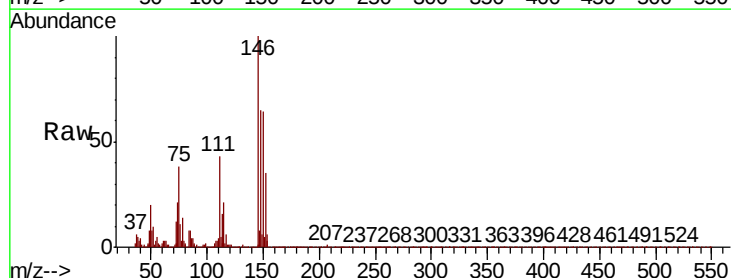
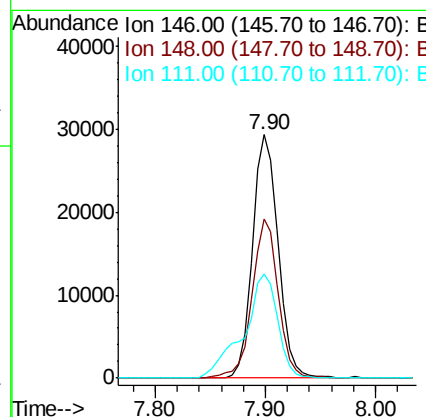
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APPROVED

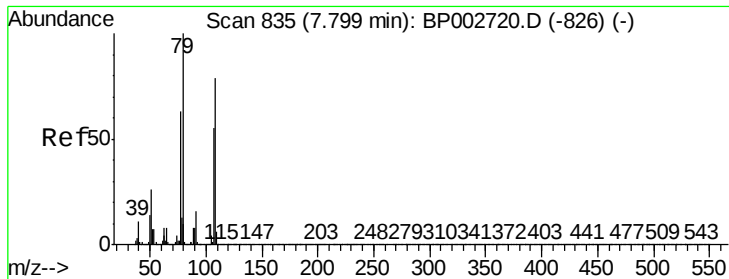
mohammad
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#14
1,2-Dichlorobenzene
Concen: 4.582 ng
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	42.7	33.9	50.9





#15

Benzyl Alcohol

Concen: 3.551 ng

RT: 7.80 min Scan# 836

Delta R.T. 0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

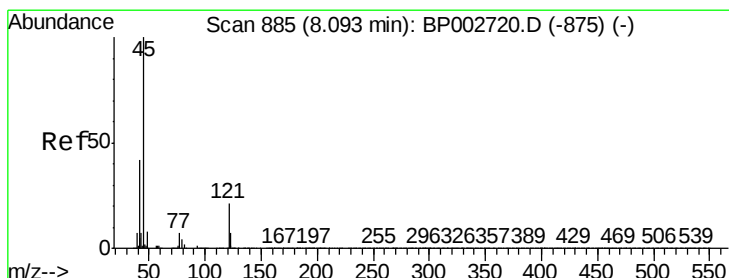
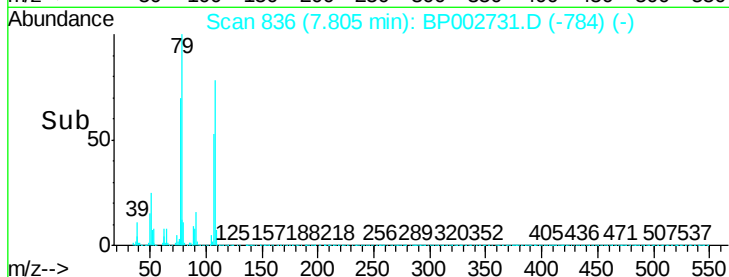
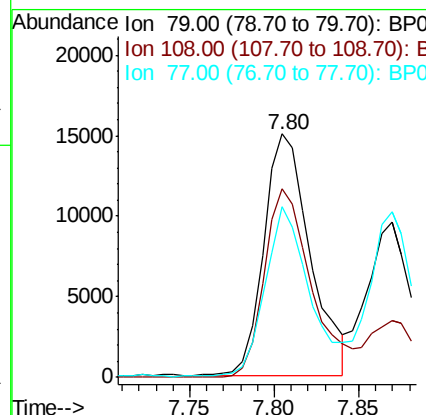
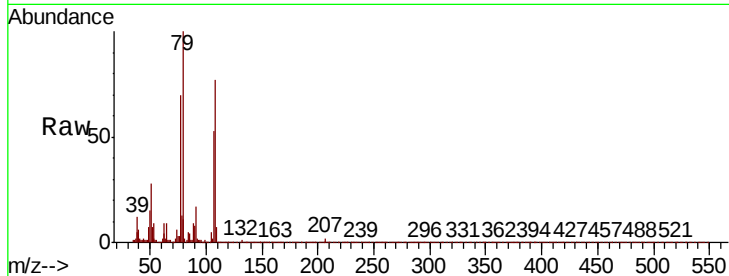
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	79	Resp:	28758
Ion Ratio	Lower	Upper	
79	100		
108	77.4	63.1	94.7
77	70.1	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.402 ng

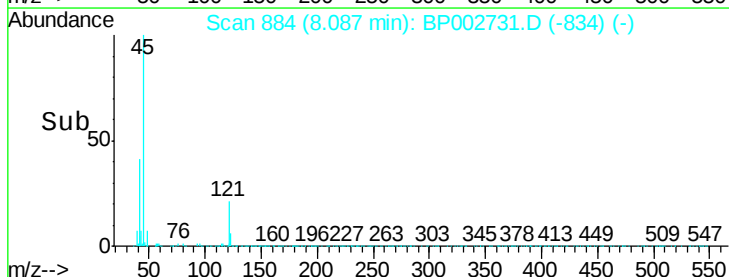
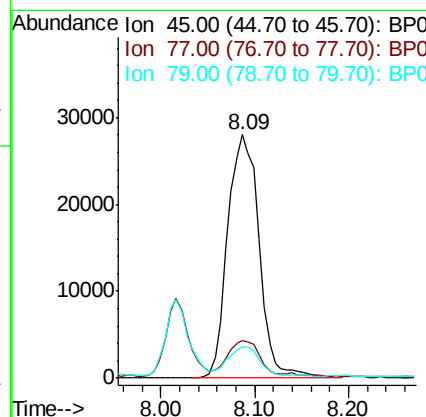
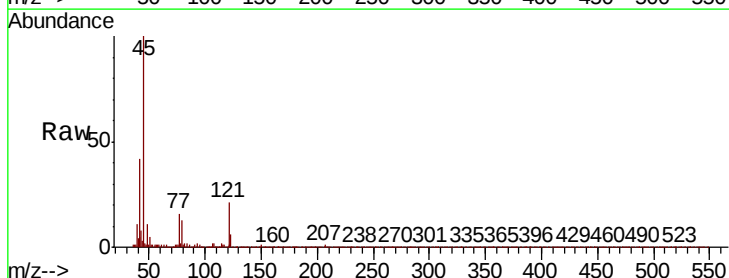
RT: 8.09 min Scan# 884

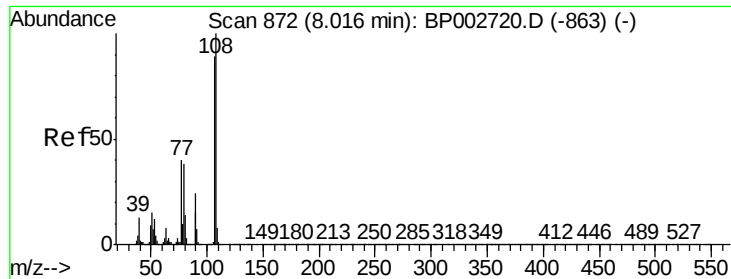
Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	45	Resp:	65282
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	34.8
79	12.7	0.0	31.6





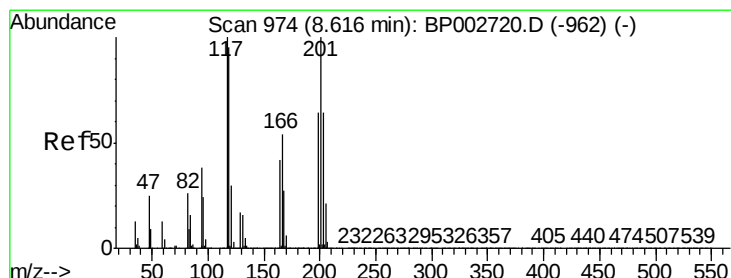
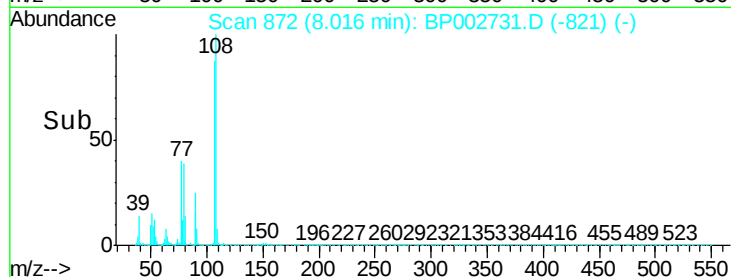
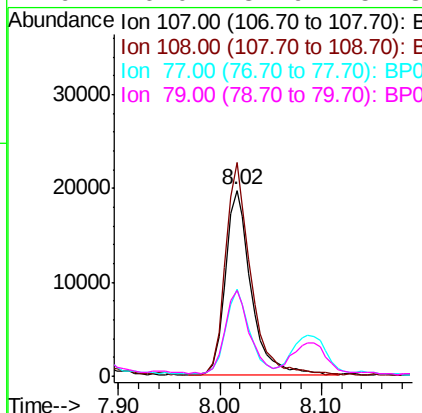
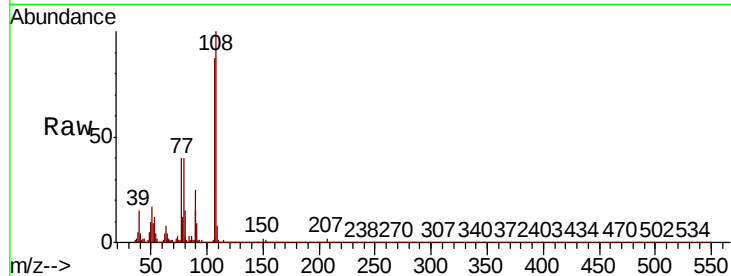
#17
2-Methylphenol
Concen: 3.916 ng
RT: 8.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	89.9	134.9	
77	46.5	36.6	54.8	
79	46.0	34.9	52.3	

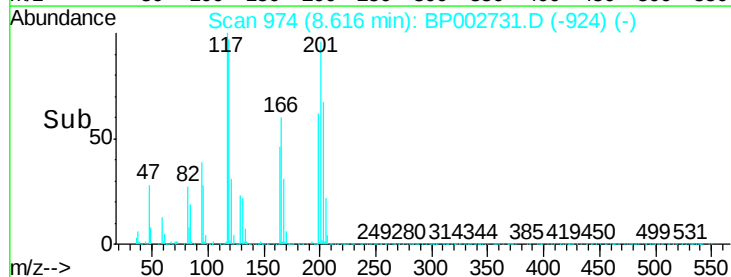
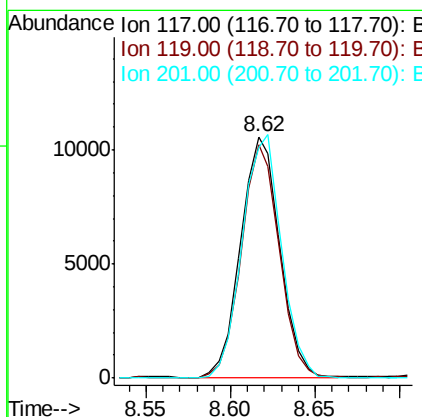
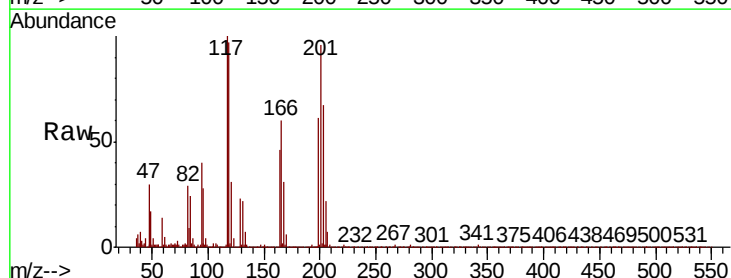
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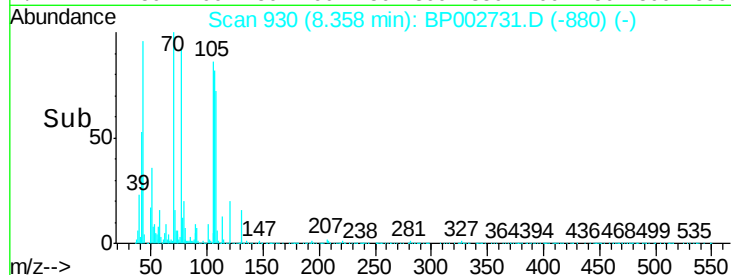
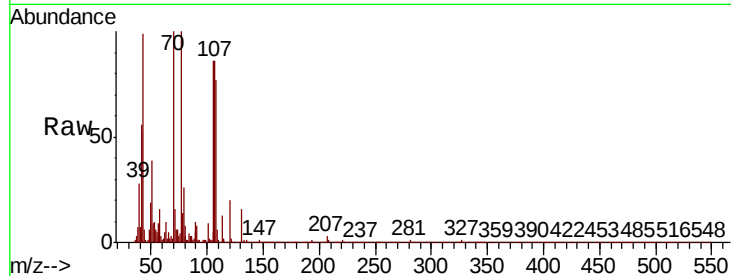
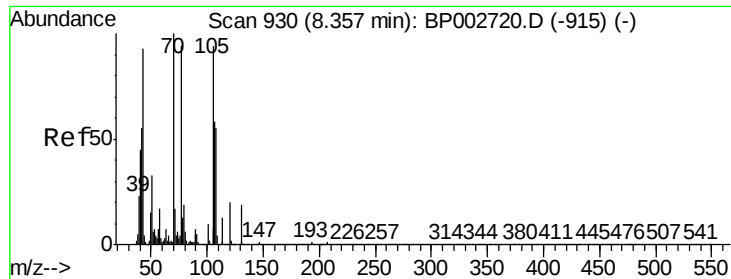
mohammad
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#18
Hexachloroethane
Concen: 4.385 ng
RT: 8.62 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	115.0	
201	95.8	80.3	120.5	





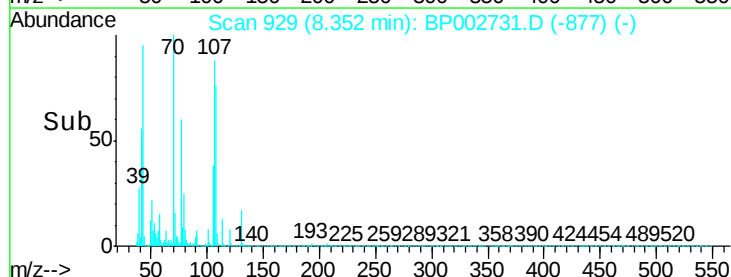
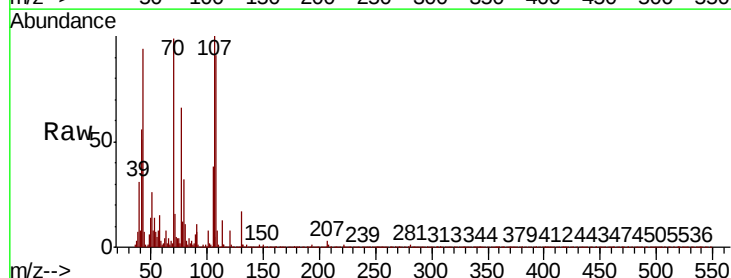
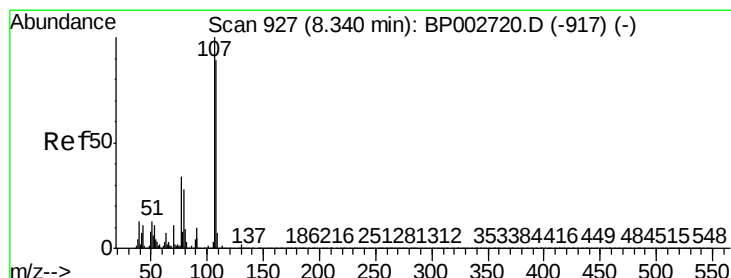
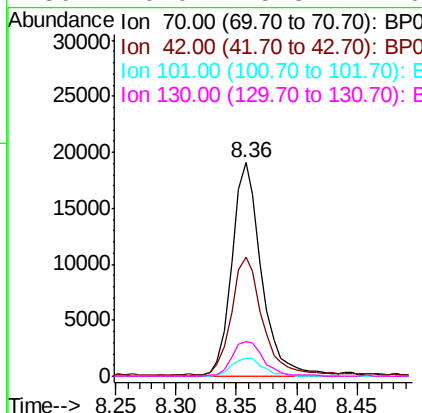
#19
n-Nitroso-di-n-propylamine
Concen: 4.411 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

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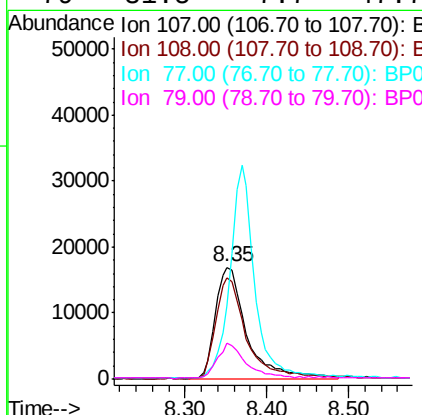
mohammad
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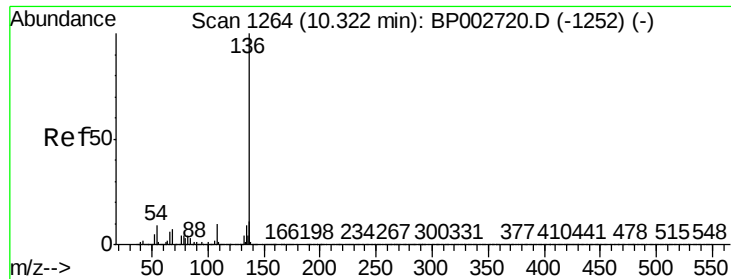
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	44.2	66.4	
101	8.7	7.7	11.5	
130	16.0	15.3	22.9	



#20
3+4-Methylphenols
Concen: 3.827 ng
RT: 8.35 min Scan# 929
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	69.5	109.5	
77	65.6	14.3	54.3	
79	31.5	7.7	47.7	





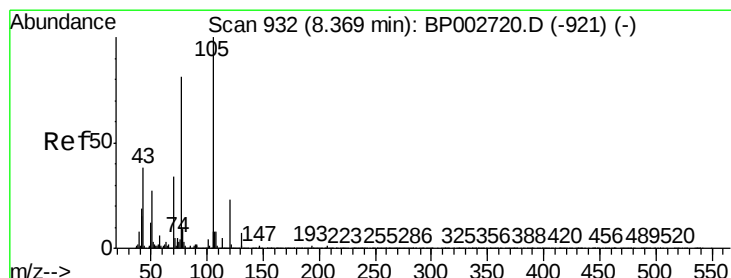
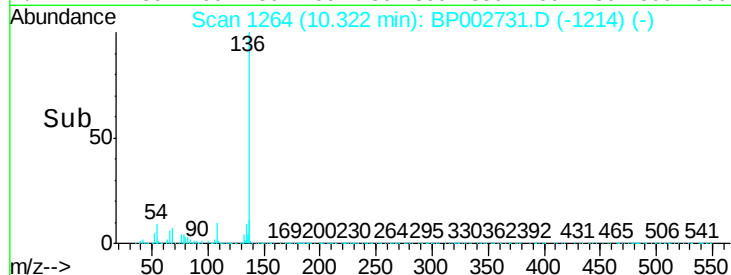
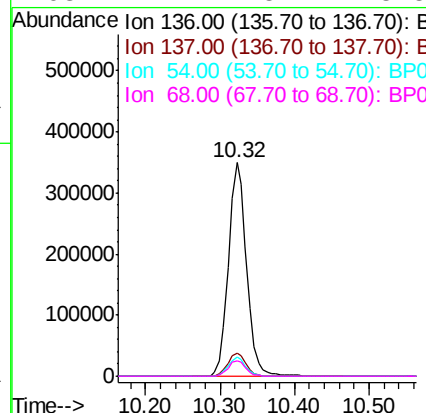
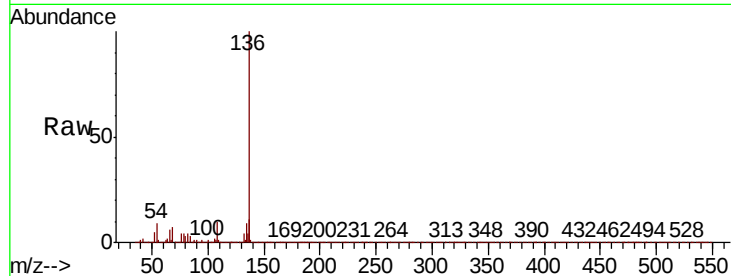
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	593541		
137	11.0	8.6	13.0	
54	8.9	6.9	10.3	
68	7.1	5.7	8.5	

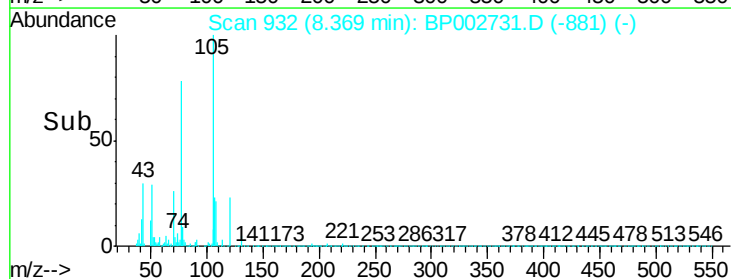
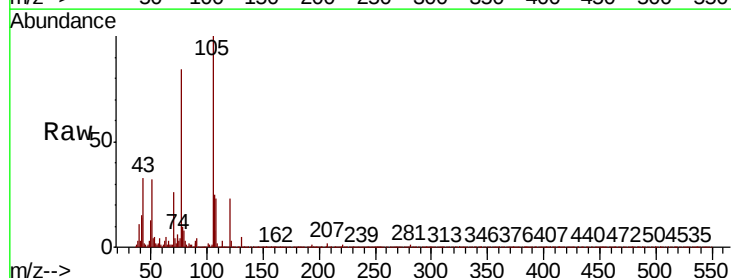
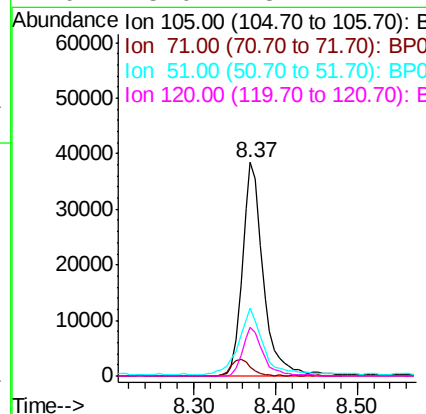
Manual Integrations
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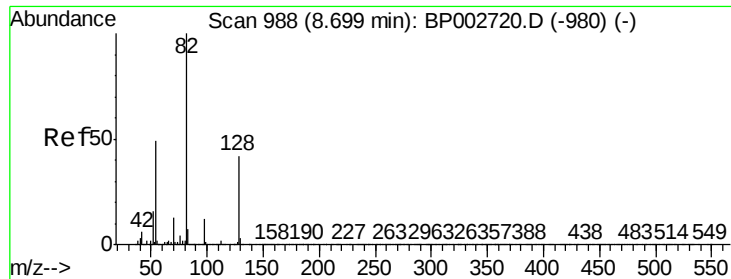
mohammad
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#22
Acetophenone
Concen: 4.651 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	68059		
71	4.5	4.4	6.6	
51	31.8	21.8	32.8	
120	23.0	18.2	27.2	





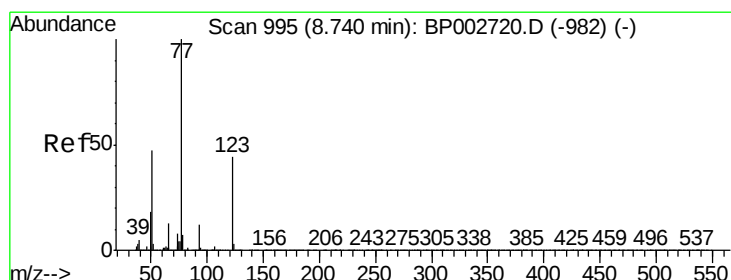
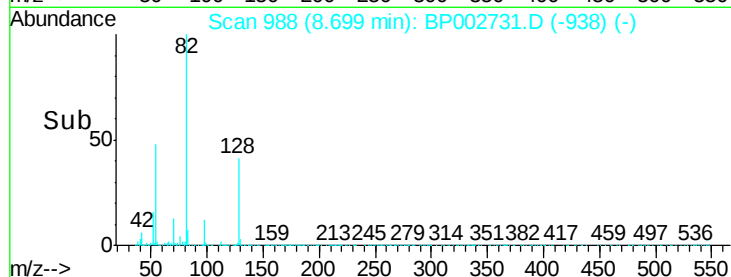
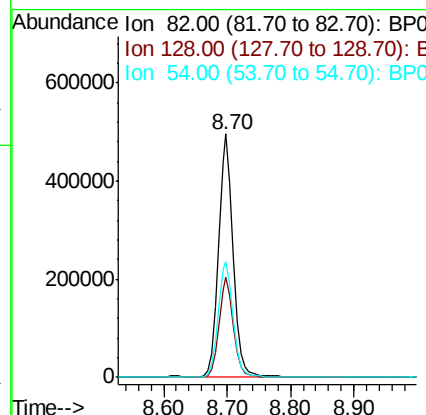
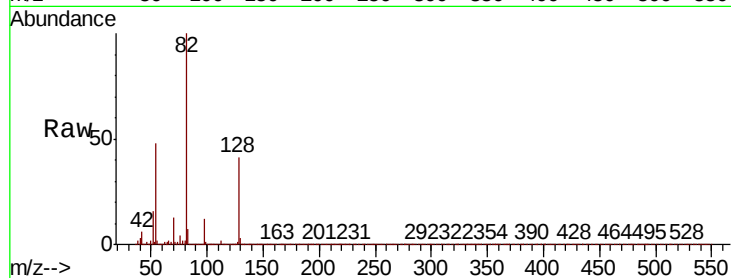
#23
Nitrobenzene-d5
Concen: 73.930 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.8	50.8
54	47.7	38.8	58.2

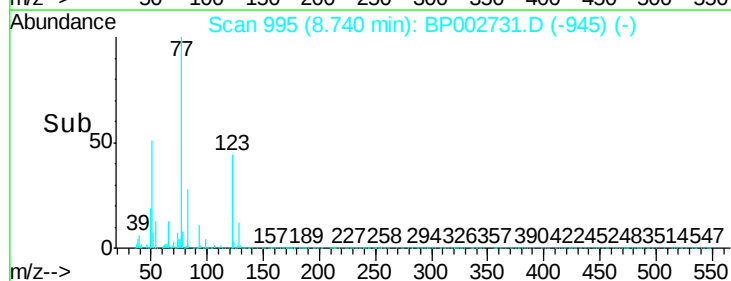
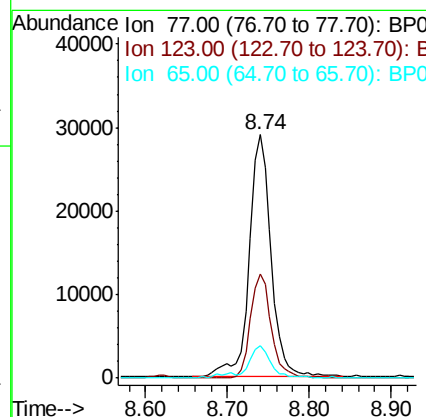
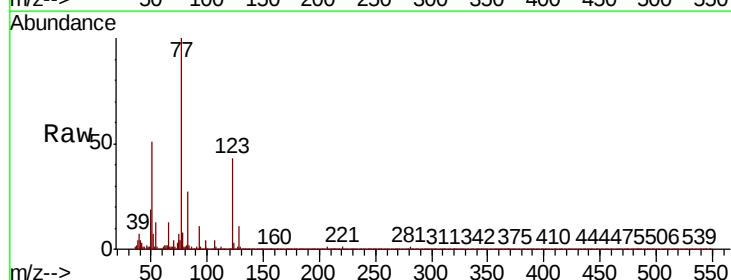
Manual Integrations
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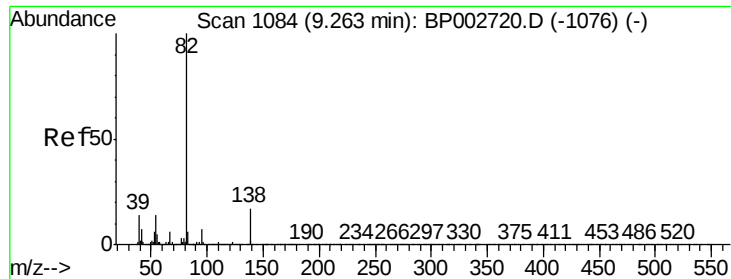
mohammad
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#24
Nitrobenzene
Concen: 4.487 ng
RT: 8.74 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	35.0	52.6
65	13.5	10.4	15.6





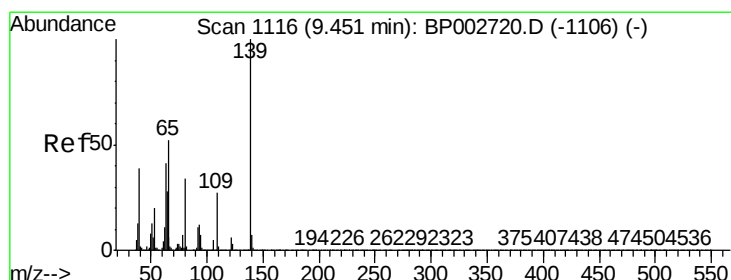
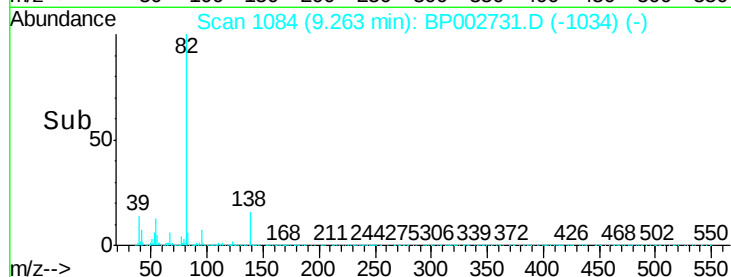
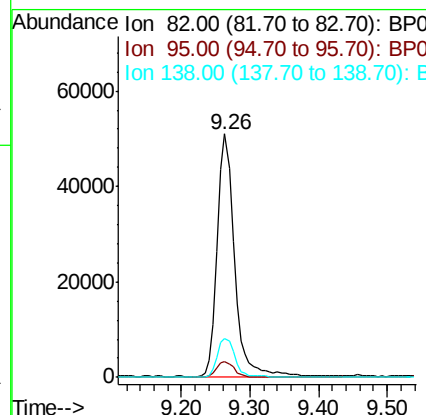
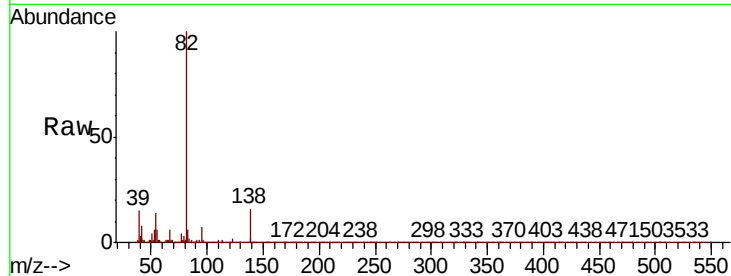
#25
Isophorone
Concen: 3.967 ng
RT: 9.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	15.8	13.2	19.8

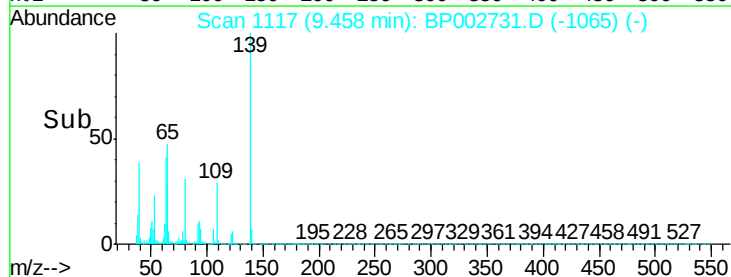
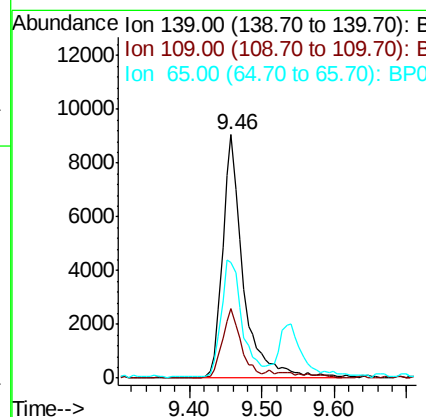
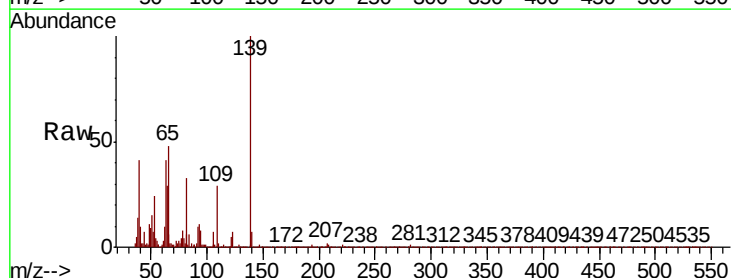
Manual Integrations
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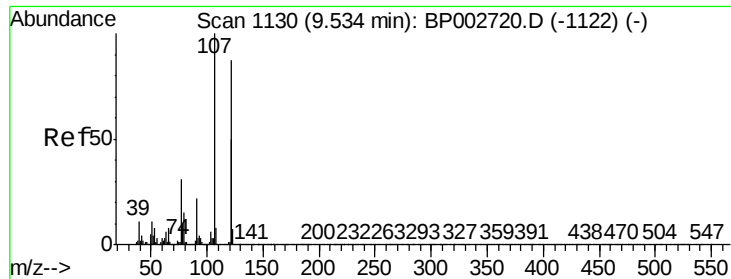
mohammad
7/14/2020 12:02:25 PM



#26
2-Nitrophenol
Concen: 3.432 ng
RT: 9.46 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.7	21.9	32.9
65	47.6	41.3	61.9





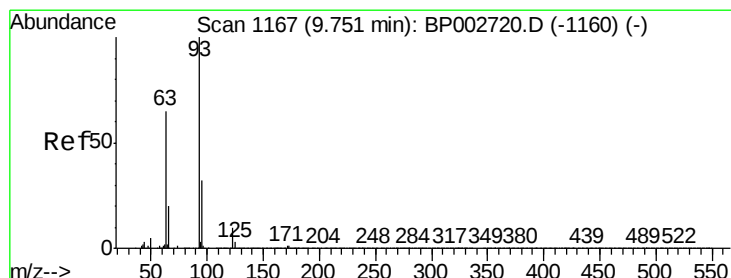
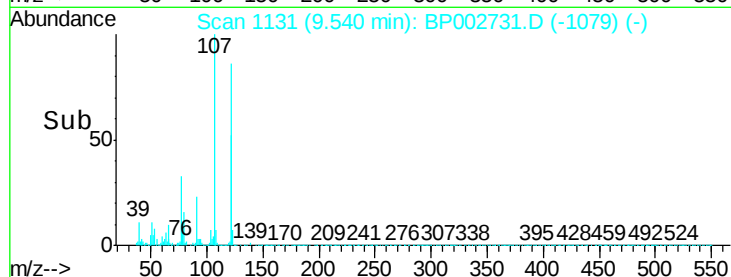
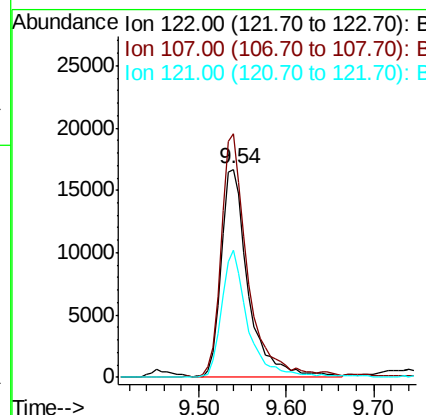
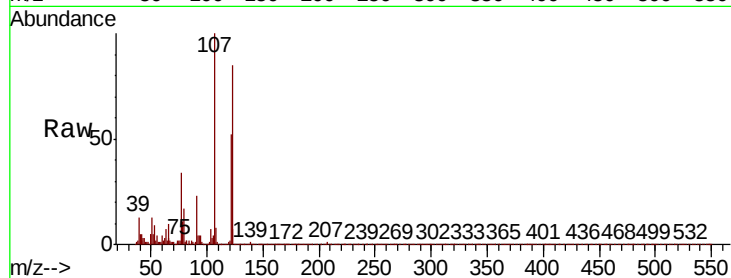
#27
2,4-Dimethylphenol
Concen: 4.156 ng
RT: 9.54 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	92.2	138.4
121	61.1	45.8	68.6

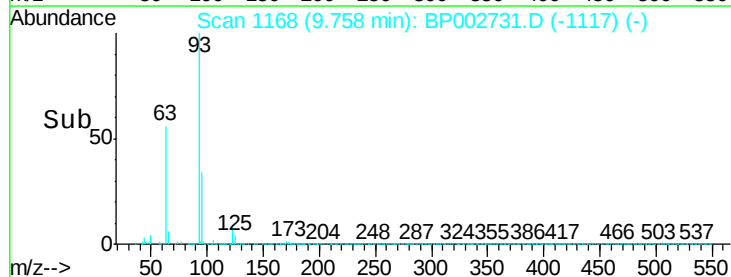
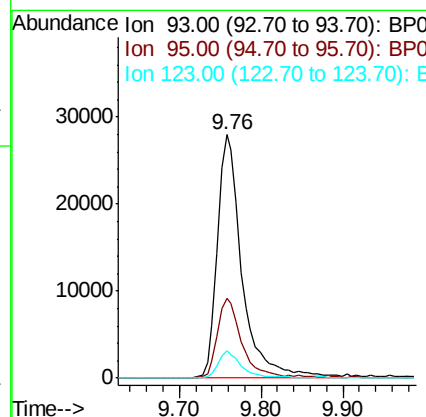
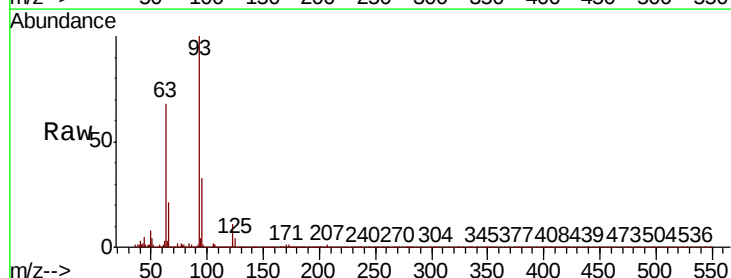
Manual Integrations
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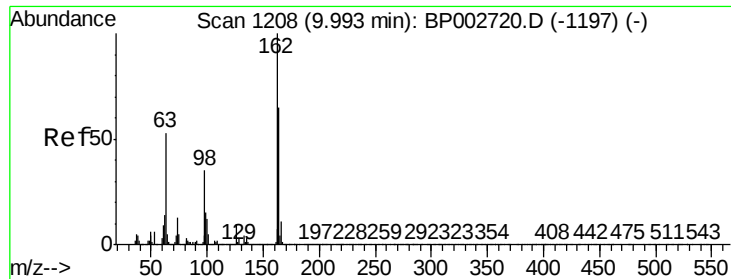
mohammad
7/14/2020 12:02:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 4.242 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.2	8.9	13.3





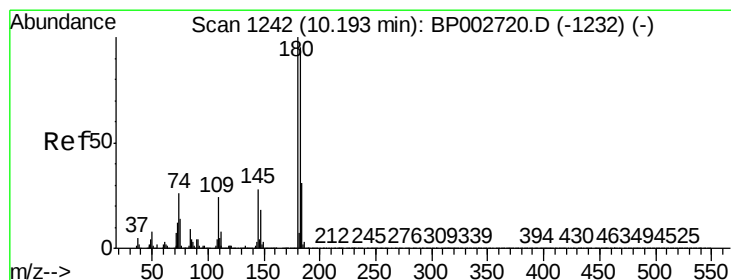
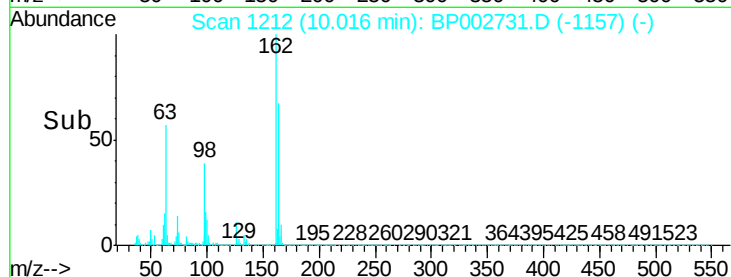
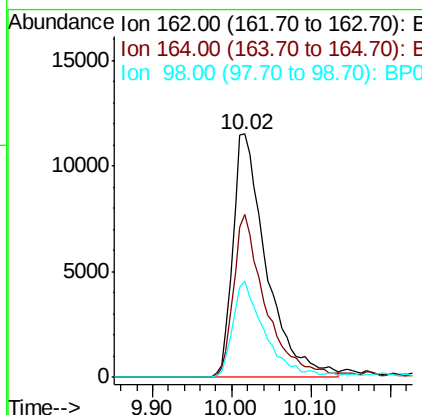
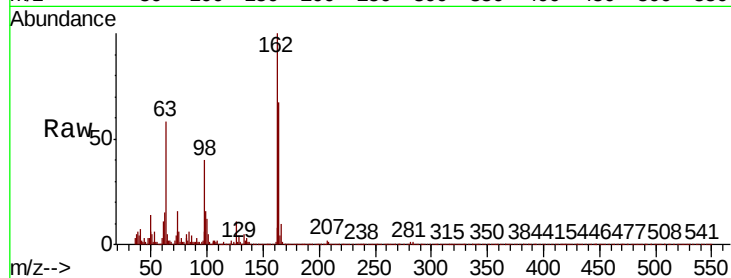
#29
2,4-Dichlorophenol
Concen: 3.621 ng
RT: 10.02 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	44.5	84.5
98	39.6	15.2	55.2

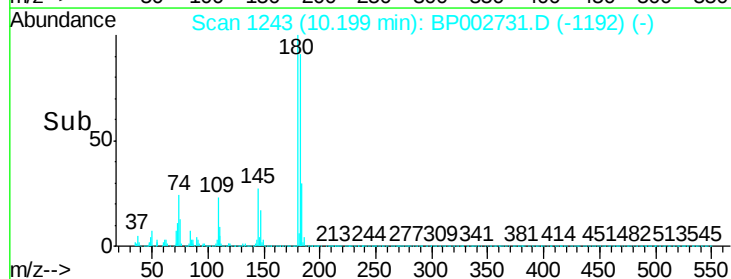
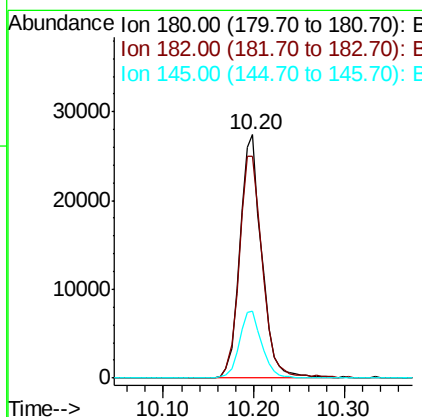
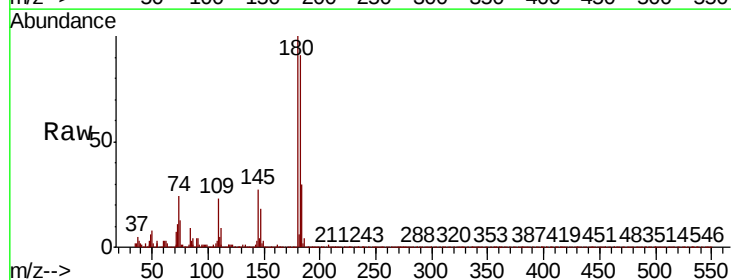
Manual Integrations
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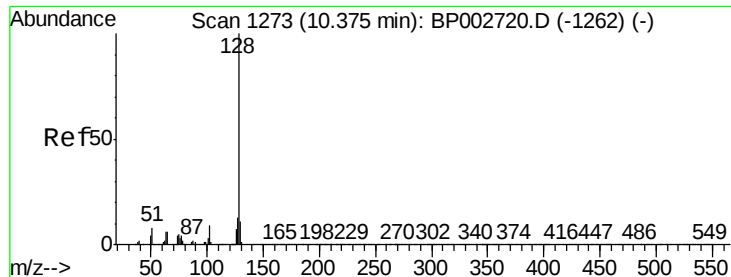
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 4.312 ng
RT: 10.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.8	113.6
145	27.5	22.6	34.0





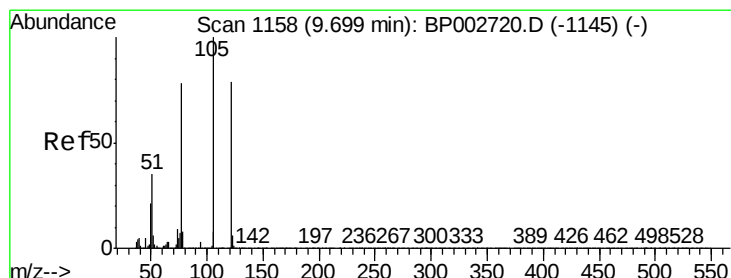
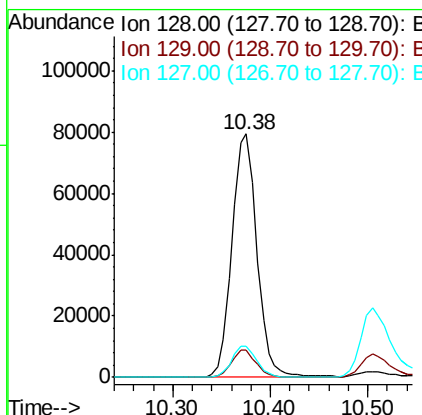
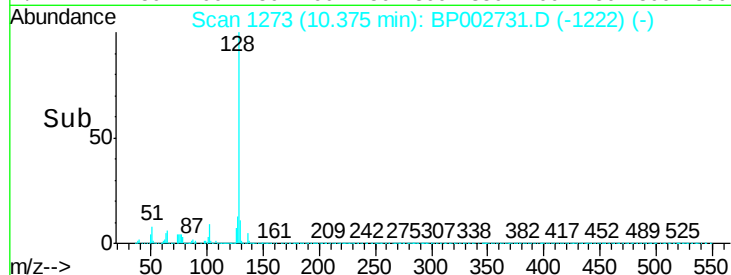
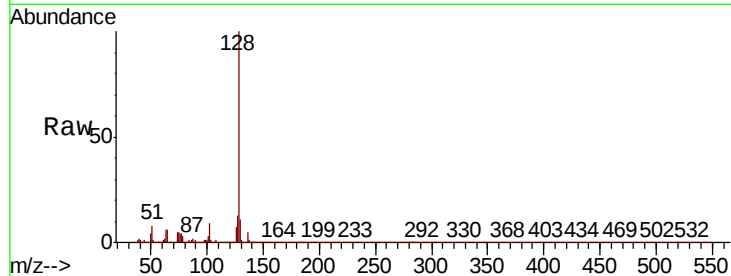
#31
Naphthalene
Concen: 4.503 ng
RT: 10.38 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	13.0	
127	12.9	10.6	15.8	

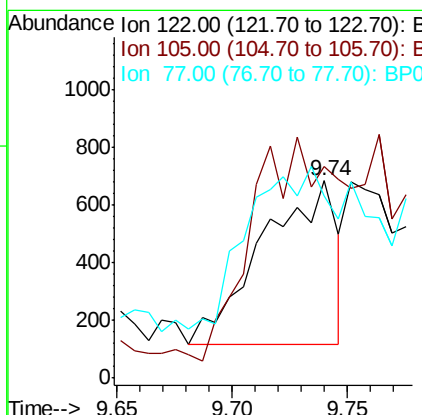
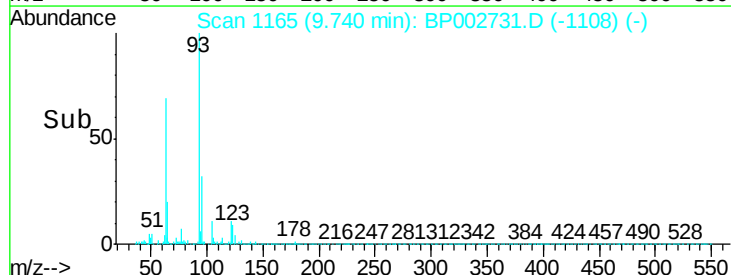
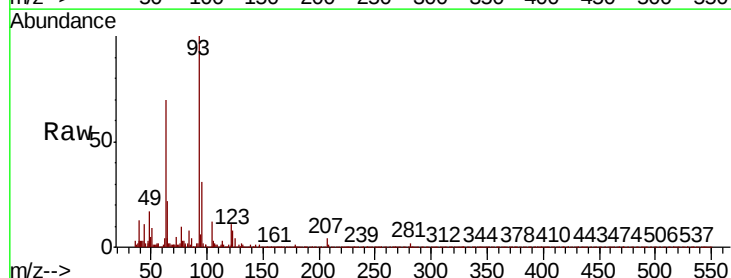
Manual Integrations
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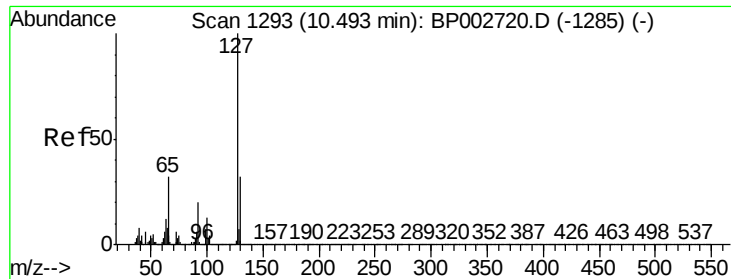
mohammad
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#32
Benzoic acid
Concen: 7.227 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.04 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	107.5	105.4	145.4	
77	92.7	78.5	118.5	





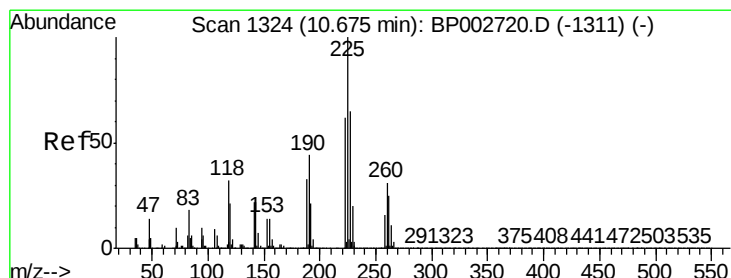
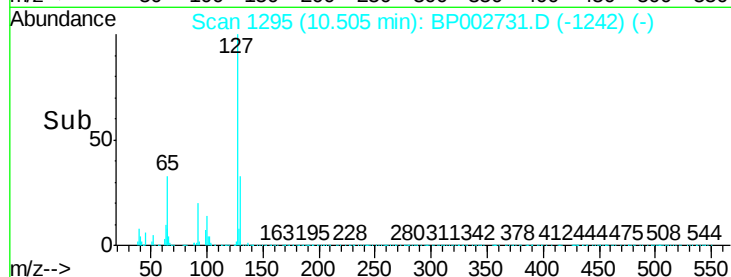
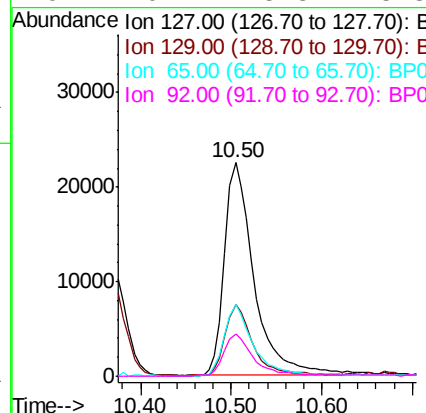
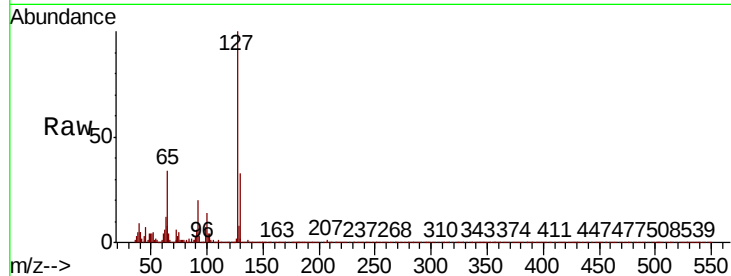
#33
4-Chloroaniline
Concen: 3.811 ng
RT: 10.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.3	37.9
65	33.5	25.4	38.2
92	19.7	15.8	23.8

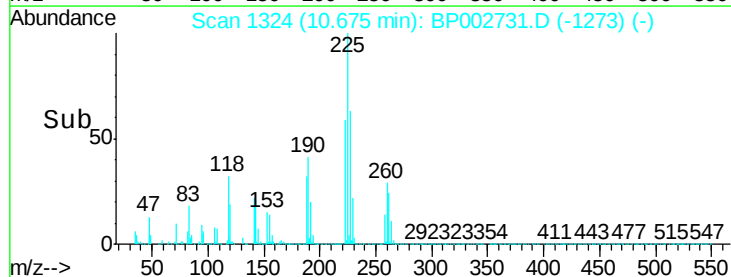
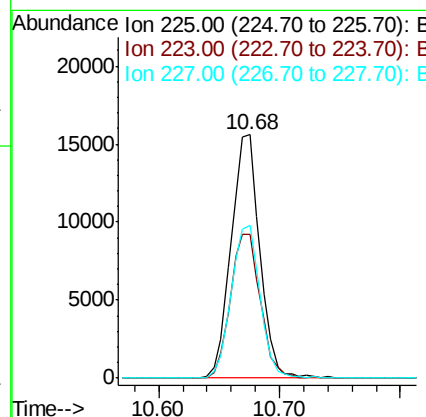
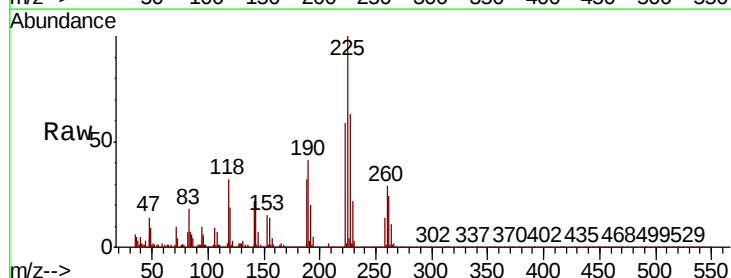
Manual Integrations
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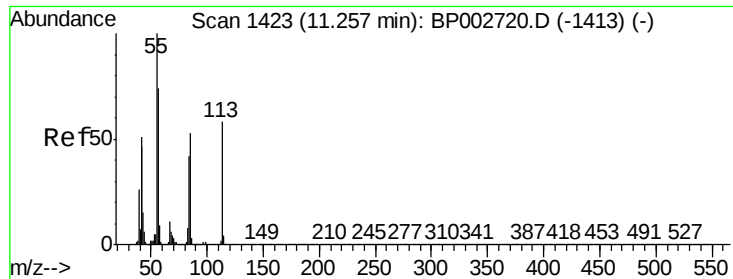
mohammad
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#34
Hexachlorobutadiene
Concen: 4.202 ng
RT: 10.68 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	49.9	74.9
227	62.6	51.8	77.6





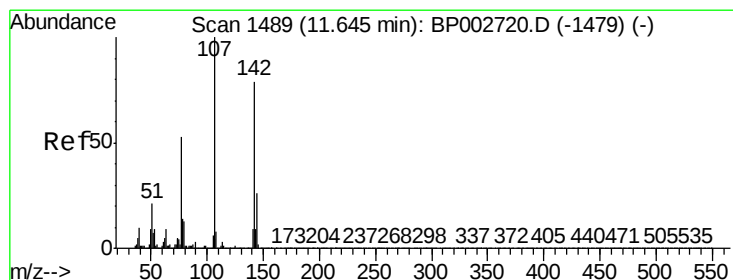
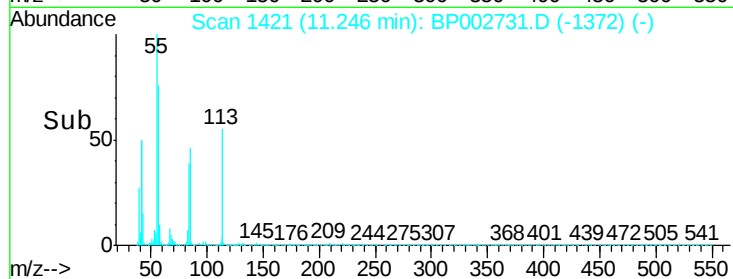
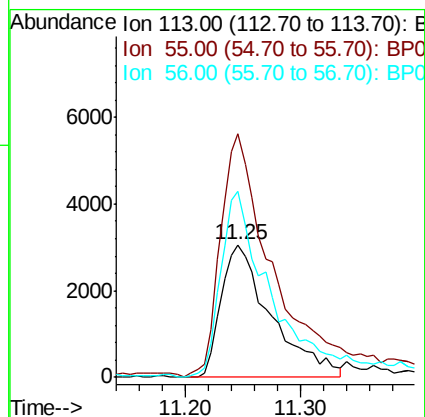
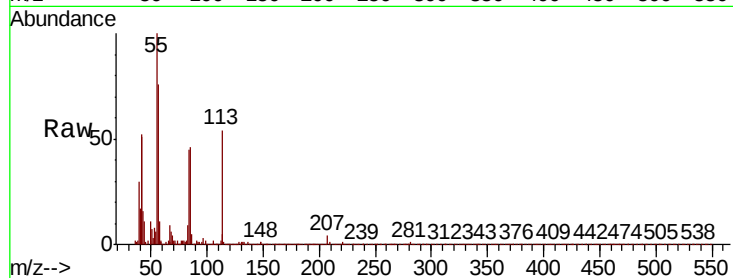
#35
Caprolactam
Concen: 2.835 ng
RT: 11.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	183.5	152.8	192.8	
56	140.3	107.5	147.5	

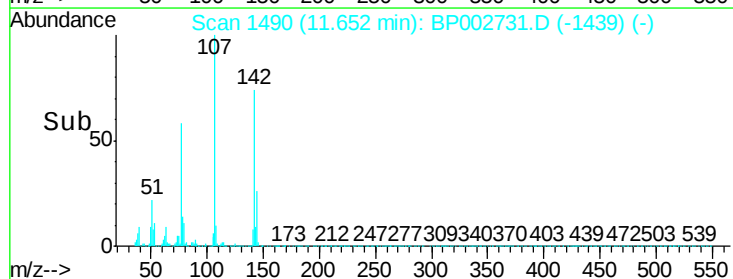
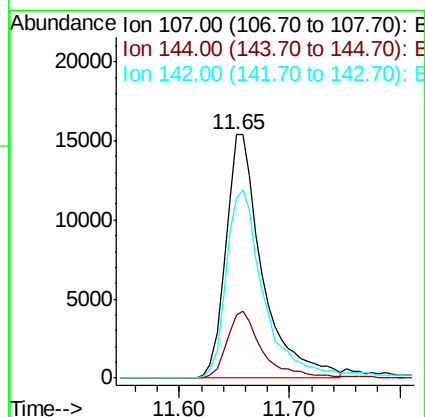
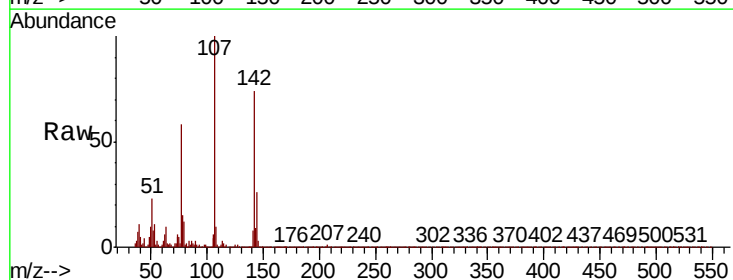
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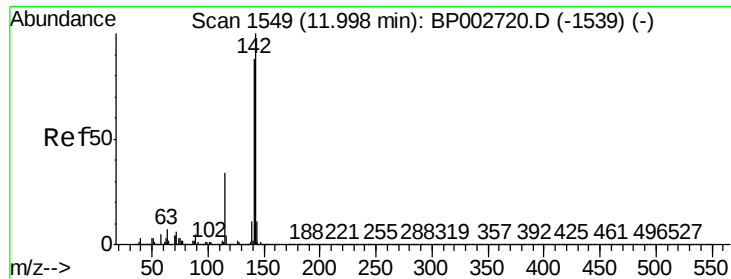
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 3.553 ng
RT: 11.65 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.0	20.6	30.8	
142	74.0	63.4	95.2	





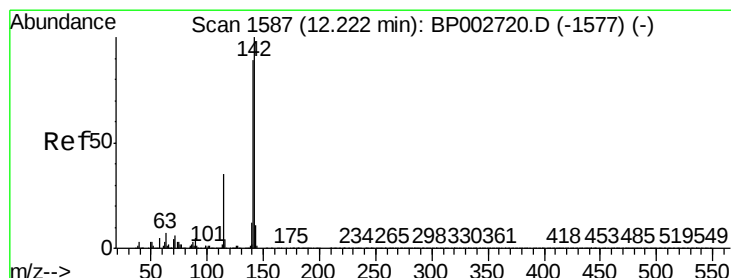
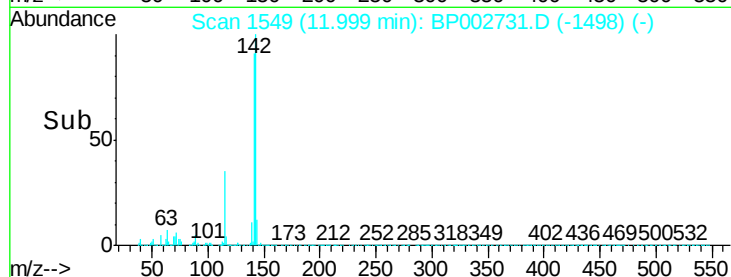
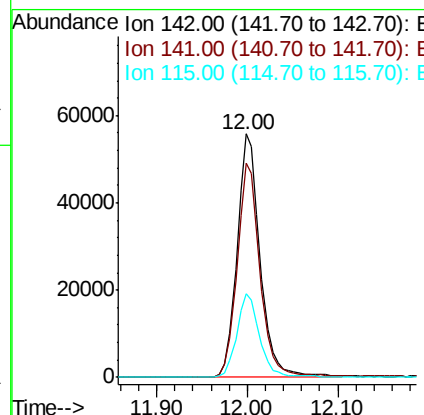
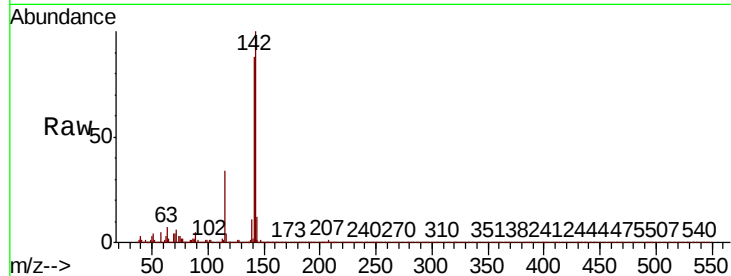
#37
2-Methylnaphthalene
Concen: 4.462 ng
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	34.5	27.0	40.6

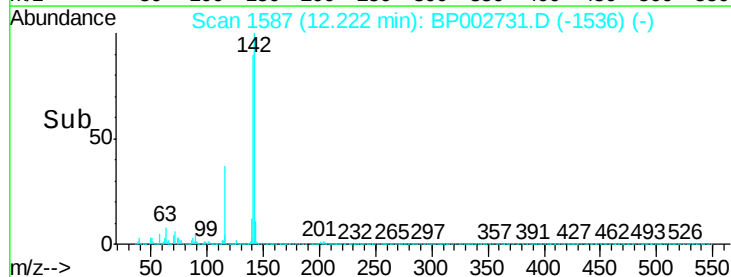
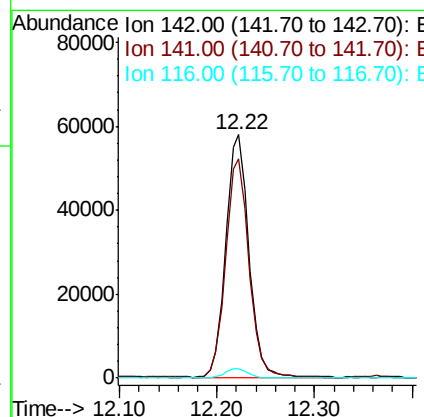
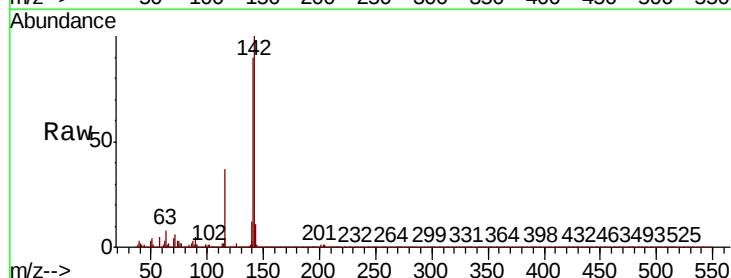
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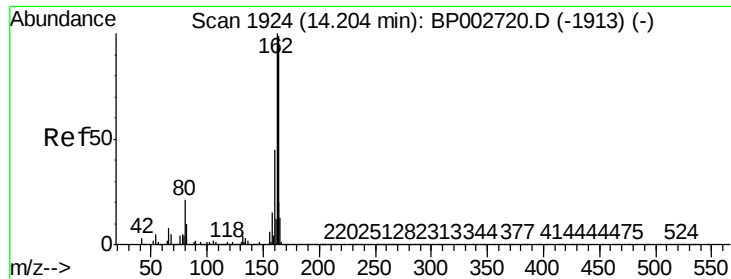
mohammad
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#38
1-Methylnaphthalene
Concen: 4.539 ng
RT: 12.22 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.5	107.3
116	3.8	2.9	4.3





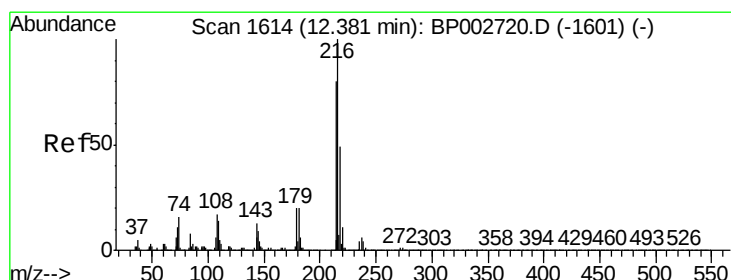
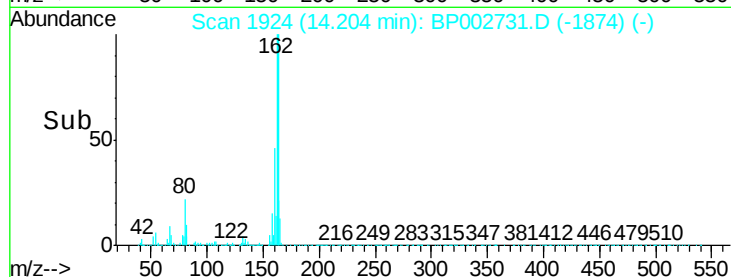
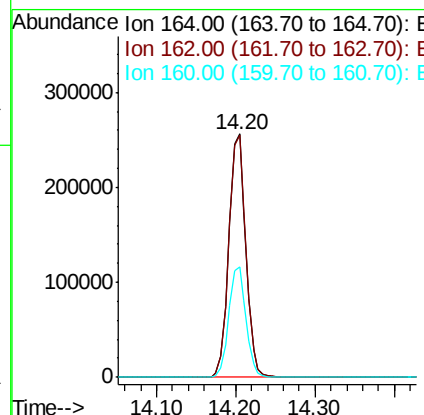
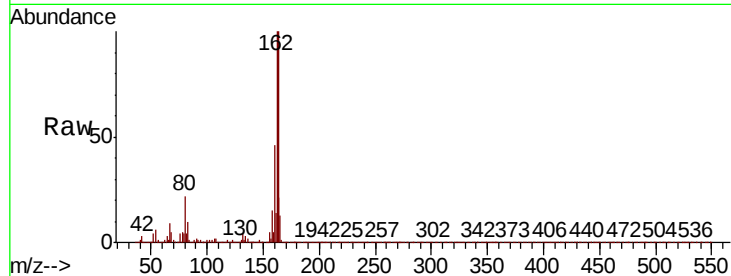
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	45.6	36.4	54.6

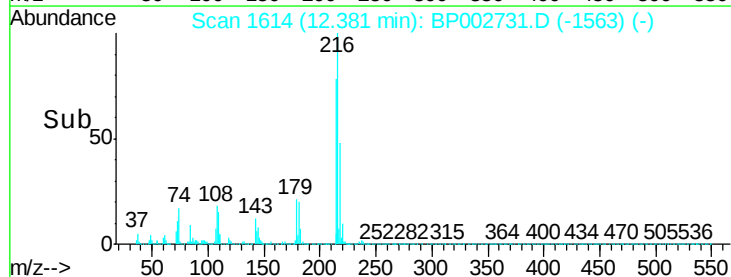
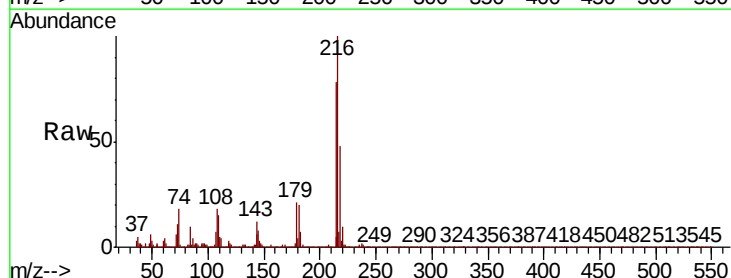
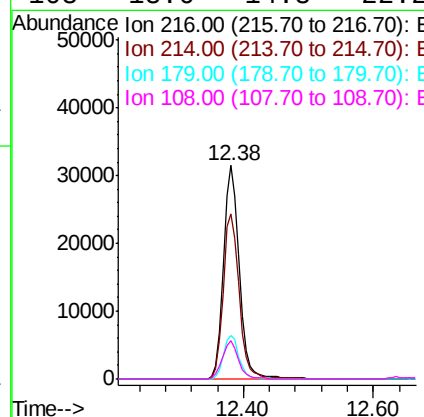
Manual Integrations
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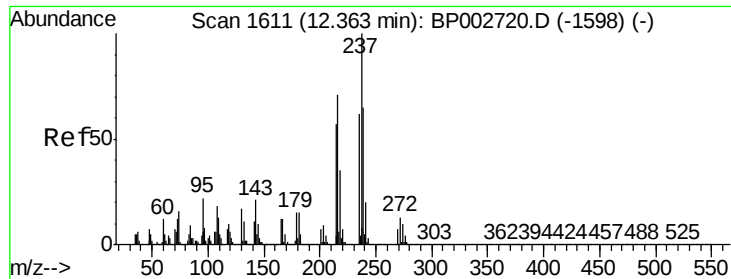
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.588 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.2
179	19.9	16.2	24.2
108	18.6	14.8	22.2





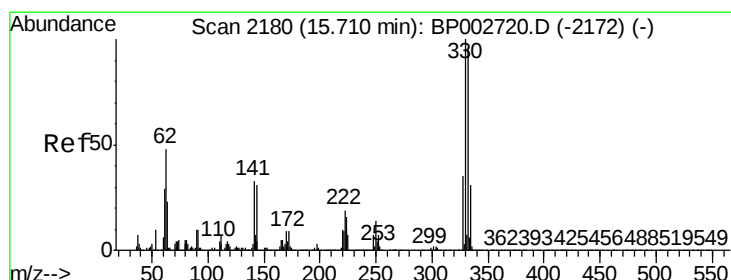
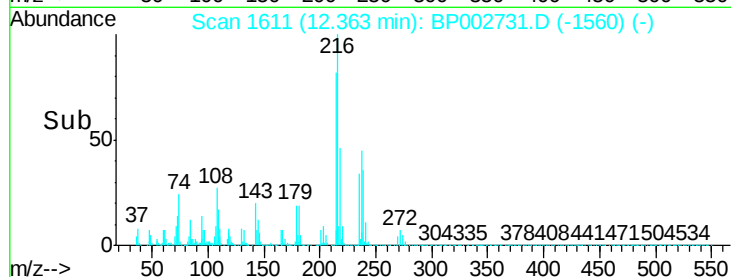
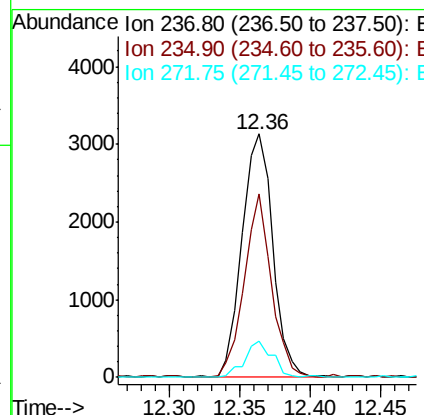
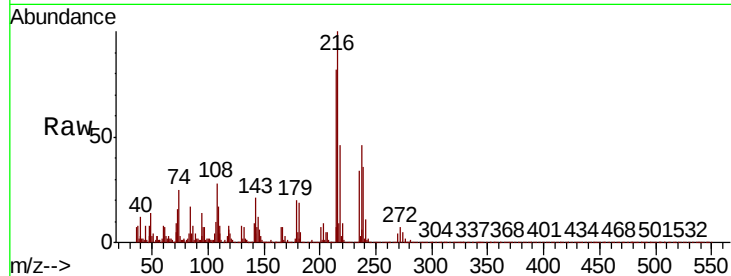
#41
Hexachlorocyclopentadiene
Concen: 8.273 ng
RT: 12.36 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	75.6	42.3	82.3
272	15.1	0.0	32.5

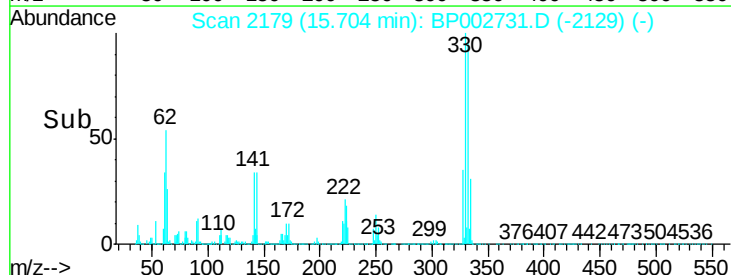
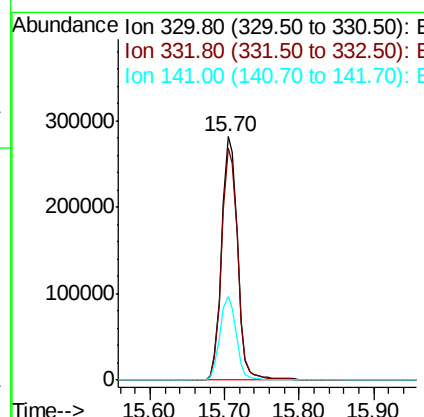
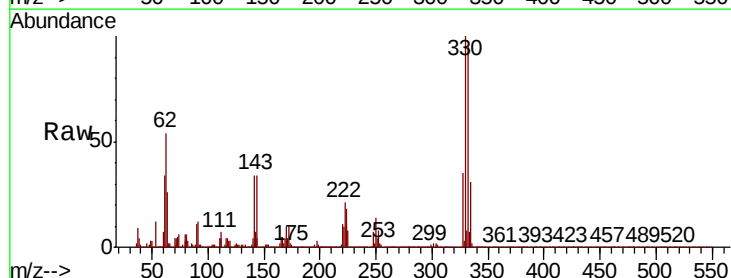
Manual Integrations
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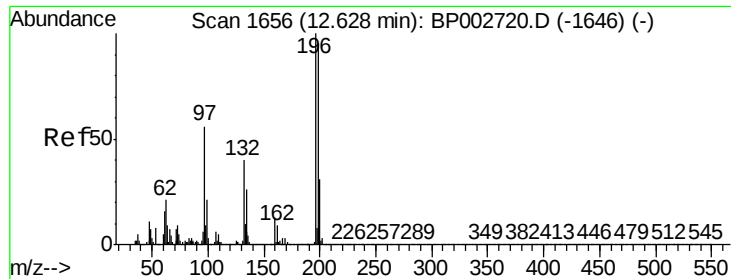
mohammad
7/14/2020 12:02:25 PM



#42
2,4,6-Tribromophenol
Concen: 105.662 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	35.2	28.8	43.2





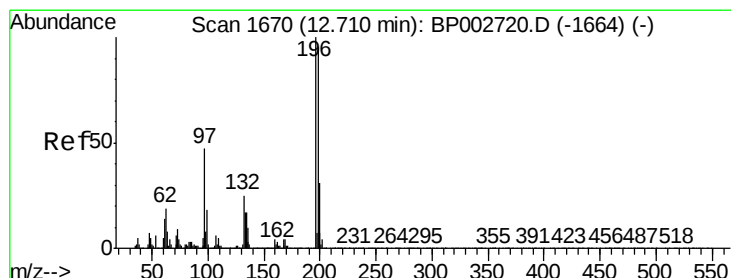
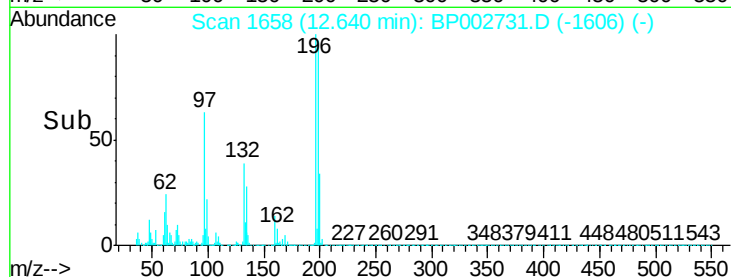
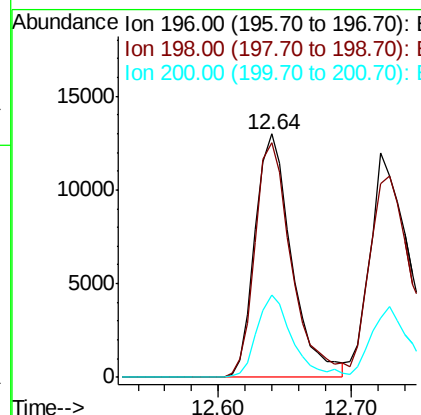
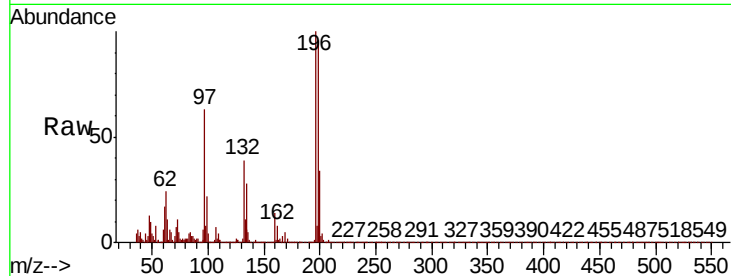
#43
 2,4,6-Trichlorophenol
 Concen: 3.310 ng
 RT: 12.64 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.8	113.6
200	33.8	24.5	36.7

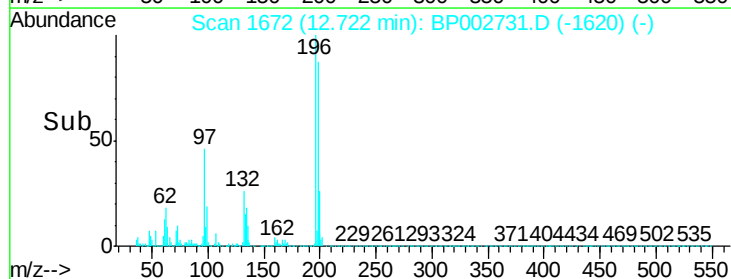
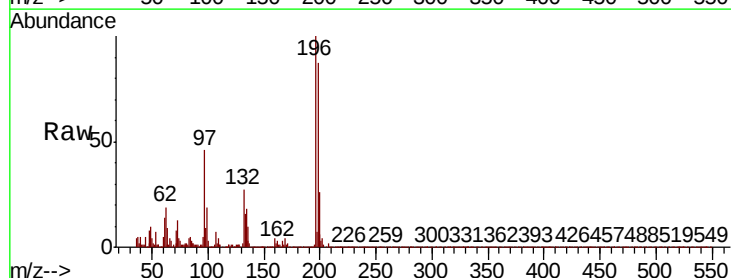
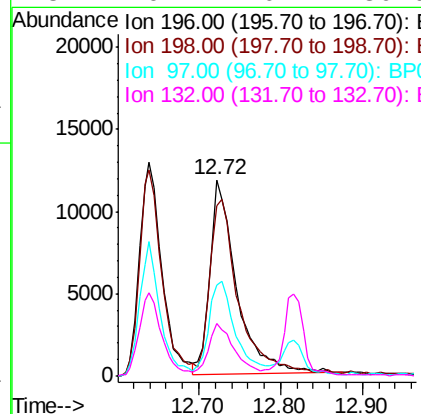
Manual Integrations
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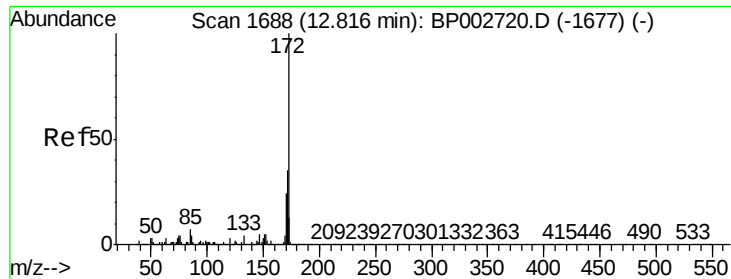
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 3.157 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	86.5	75.8	113.6
97	46.2	38.0	57.0
132	26.7	20.4	30.6





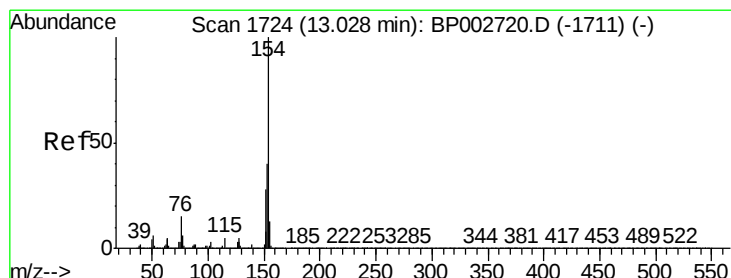
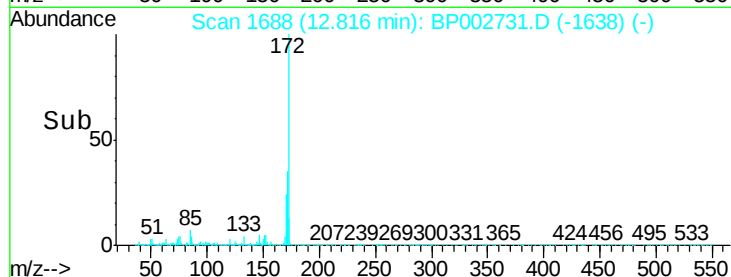
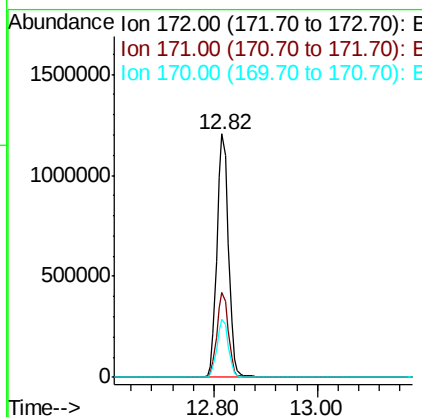
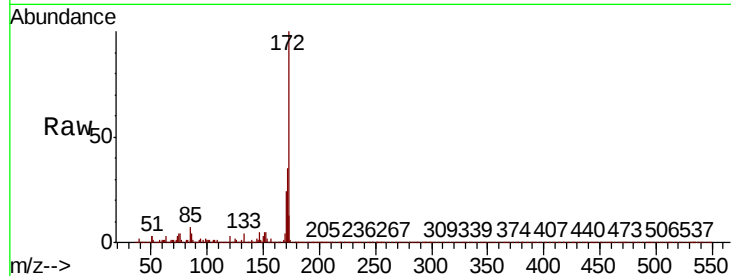
#45
2-Fluorobiphenyl
Concen: 76.638 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.8	19.3	28.9

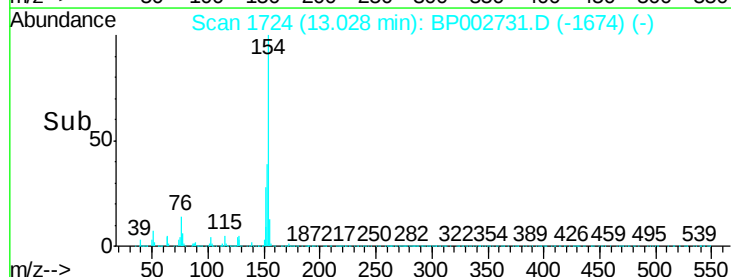
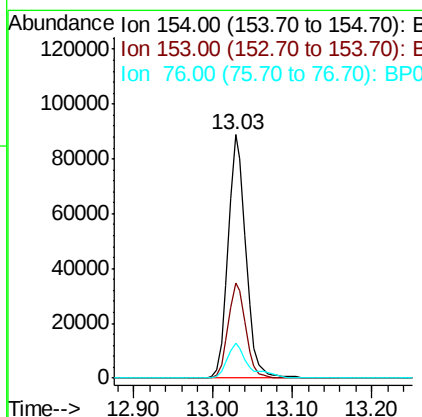
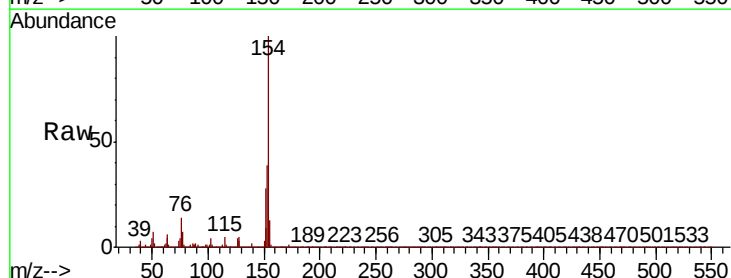
Manual Integrations
APPROVED

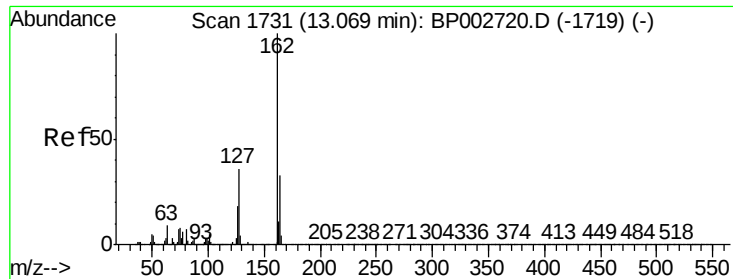
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#46
1,1'-Biphenyl
Concen: 4.893 ng
RT: 13.03 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.8	59.8
76	14.3	0.0	34.7





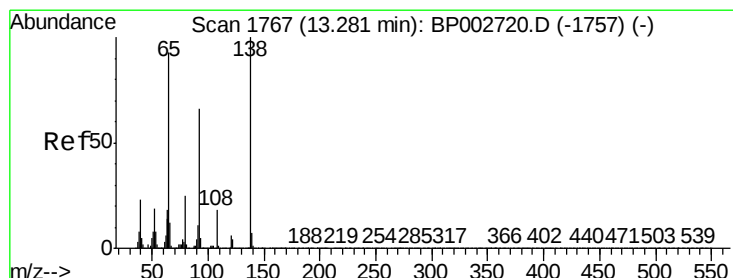
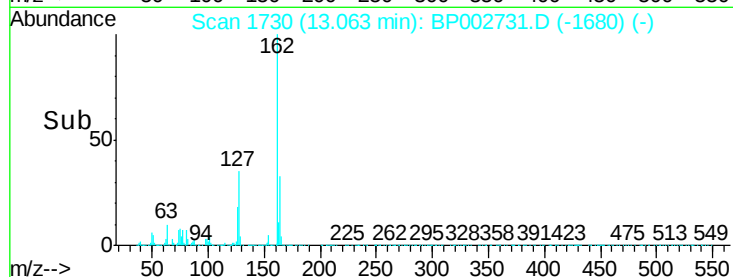
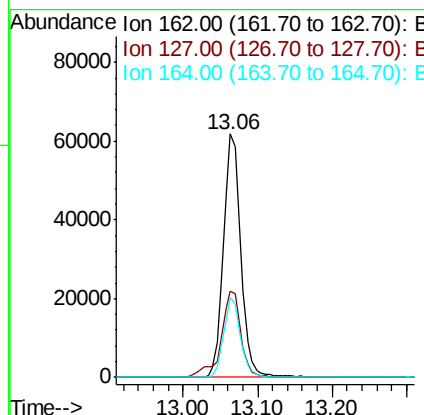
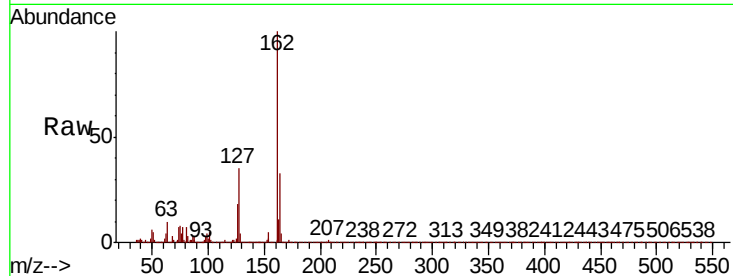
#47
2-Chloronaphthalene
Concen: 4.403 ng
RT: 13.06 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.3	29.0	43.4
164	32.7	26.8	40.2

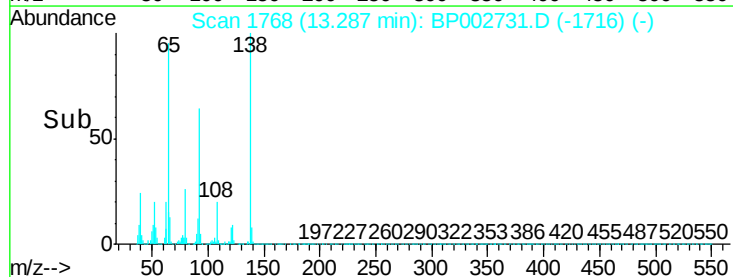
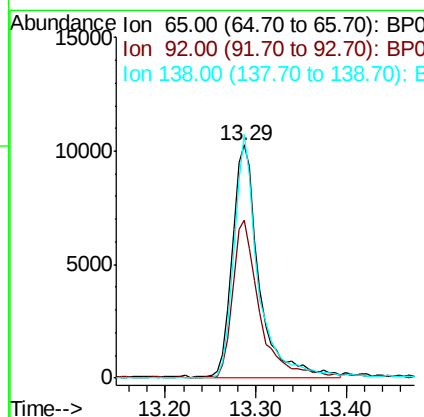
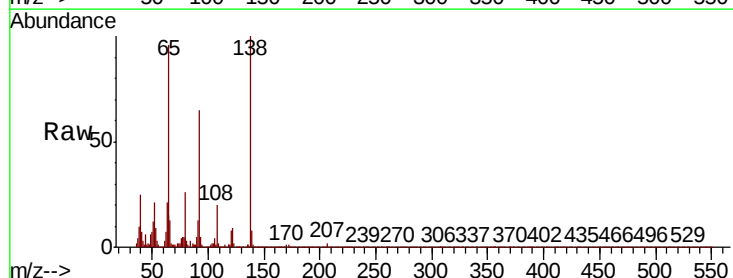
Manual Integrations
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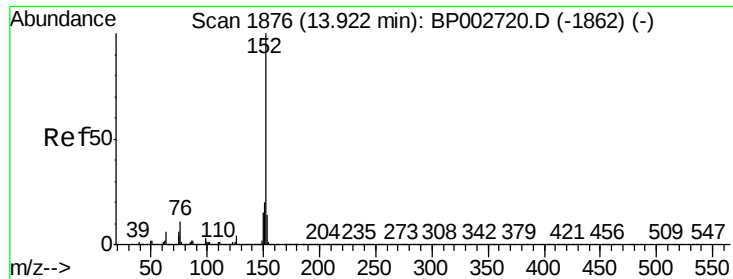
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#48
2-Nitroaniline
Concen: 2.976 ng
RT: 13.29 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	57.0	85.6
138	104.6	86.0	129.0





#49

Acenaphthylene

Concen: 4.256 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

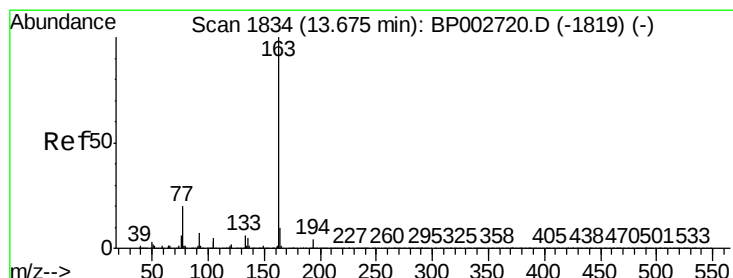
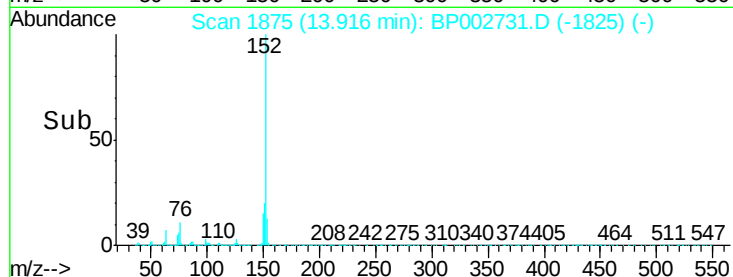
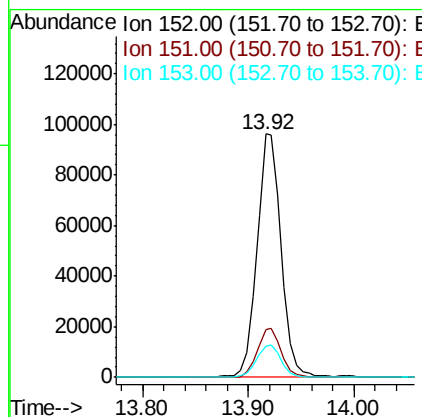
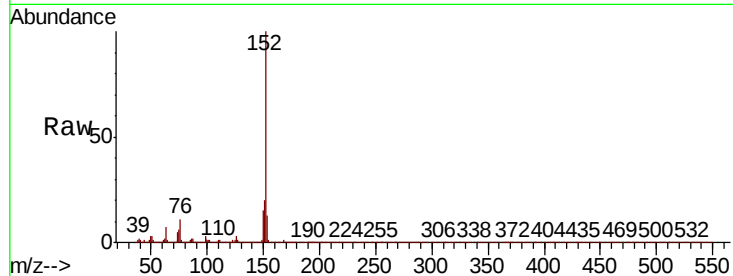
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	152	Resp:	153392
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	12.6	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 4.216 ng

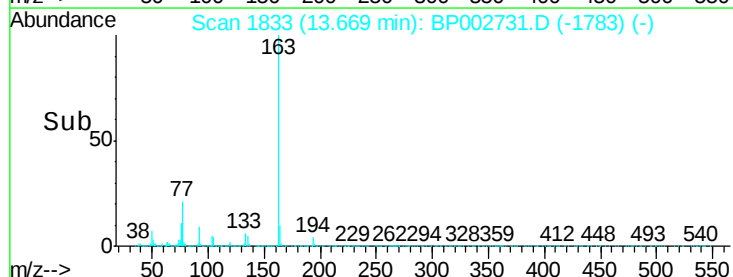
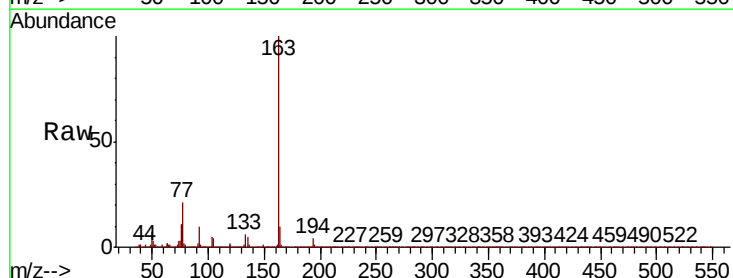
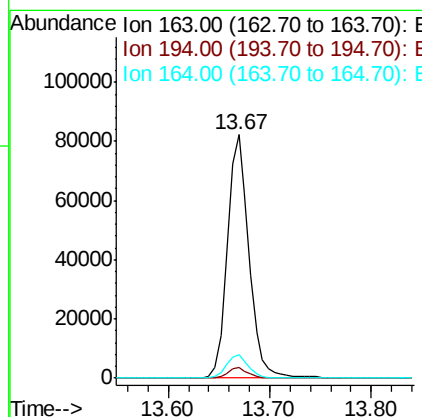
RT: 13.67 min Scan# 1833

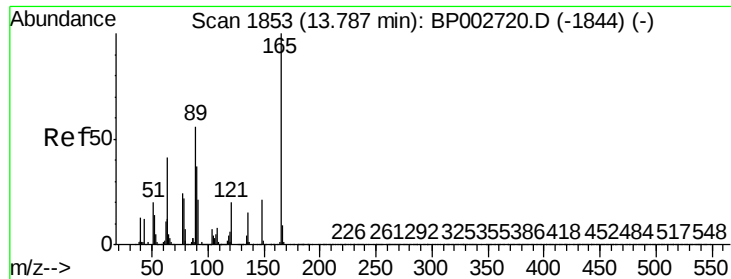
Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	163	Resp:	121385
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	9.7	7.8	11.8





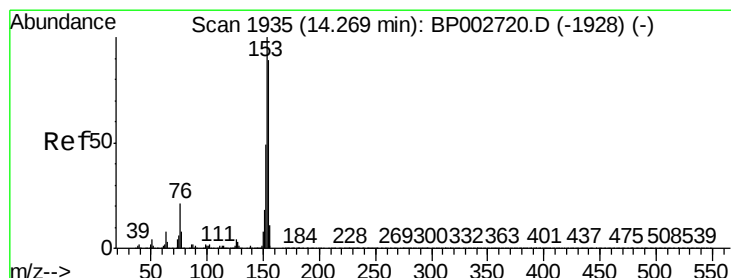
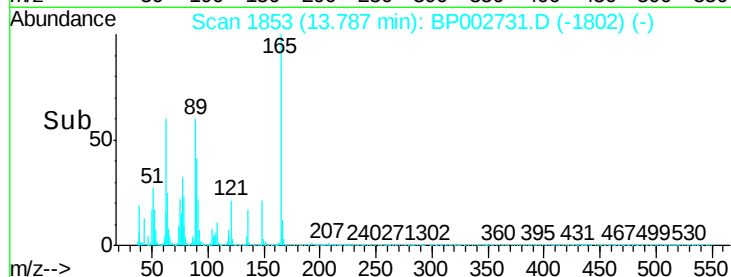
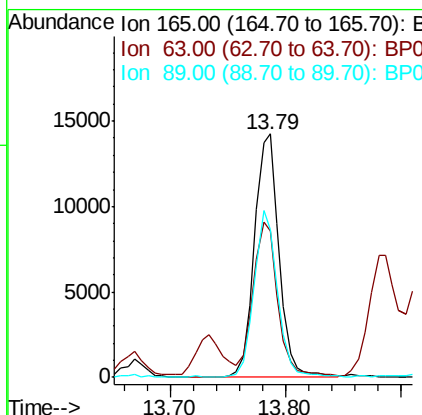
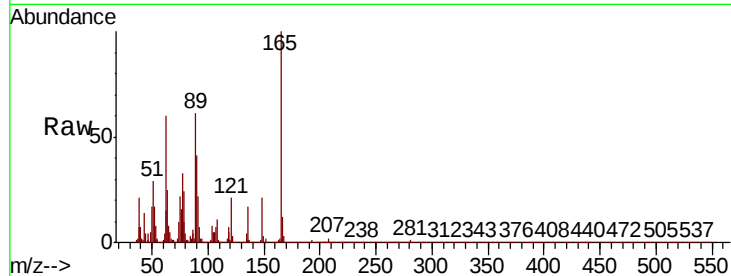
#51
2,6-Dinitrotoluene
Concen: 3.427 ng
RT: 13.79 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:	165	Resp:	21125
Ion Ratio	Lower	Upper	
165	100		
63	60.0	43.2	64.8
89	60.6	44.6	67.0

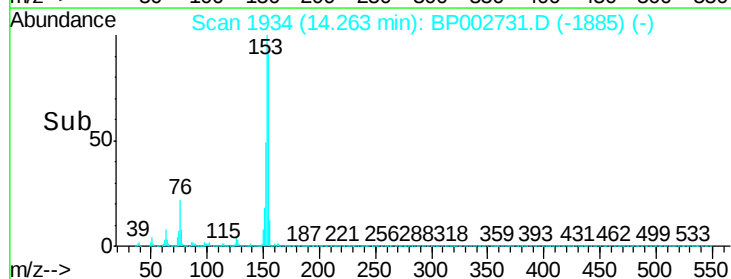
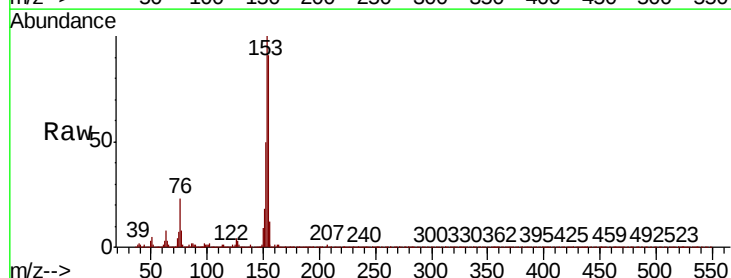
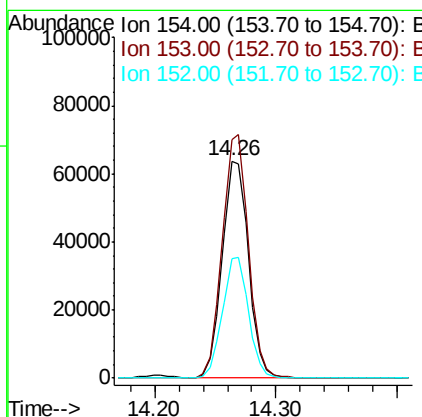
Manual Integrations
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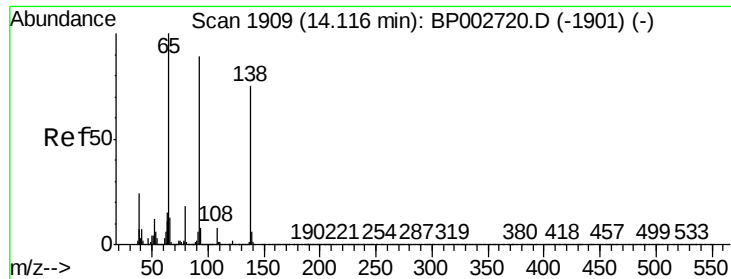
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#52
Acenaphthene
Concen: 4.447 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion:	154	Resp:	95796
Ion Ratio	Lower	Upper	
154	100		
153	109.9	90.1	135.1
152	55.1	43.8	65.6





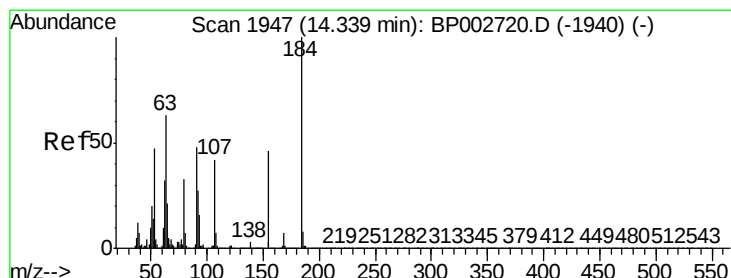
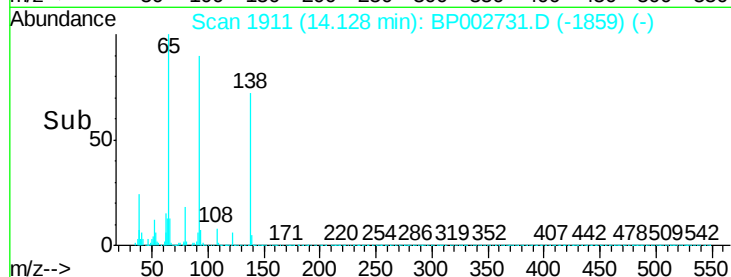
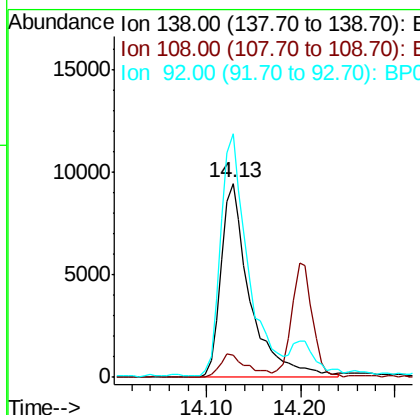
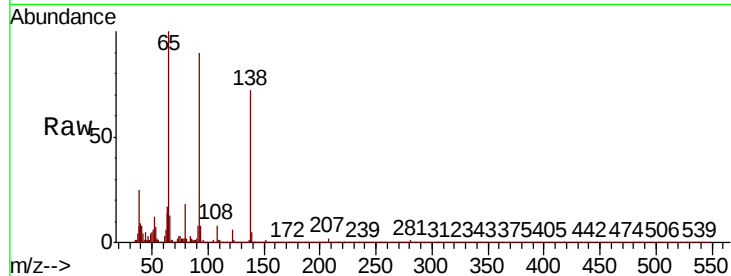
#53
3-Nitroaniline
Concen: 2.942 ng
RT: 14.13 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:138 Resp: 20289
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.2
92 125.5 94.3 141.5

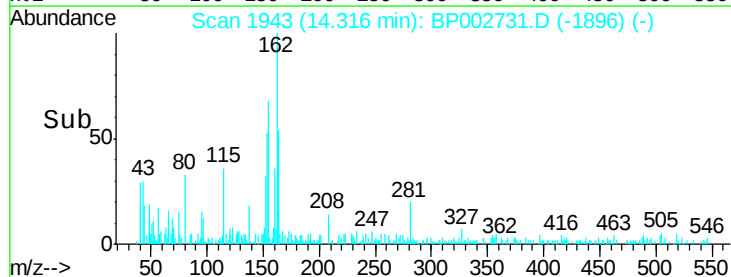
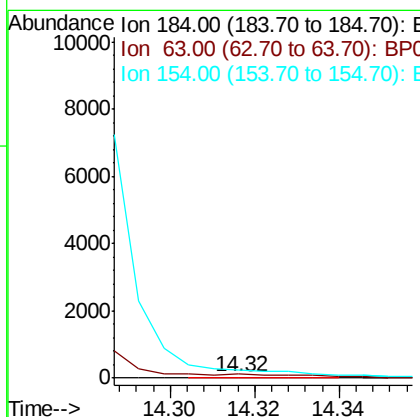
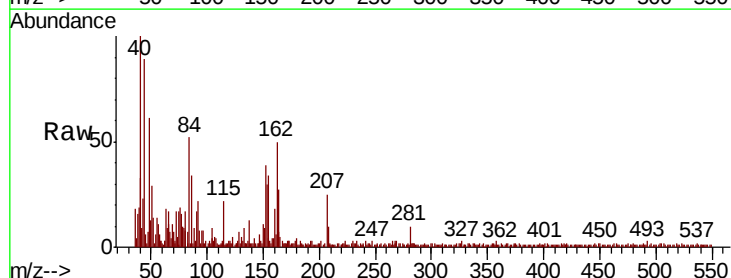
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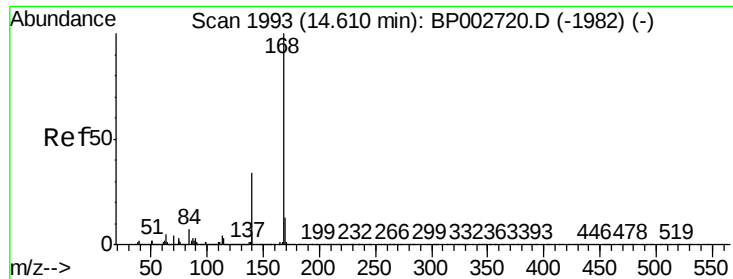
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#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 825.0 51.6 77.4#
154 1543.8 45.0 67.6#





#55

Dibenzofuran

Concen: 4.550 ng

RT: 14.61 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

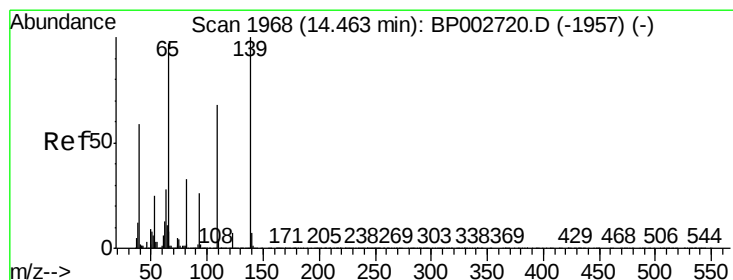
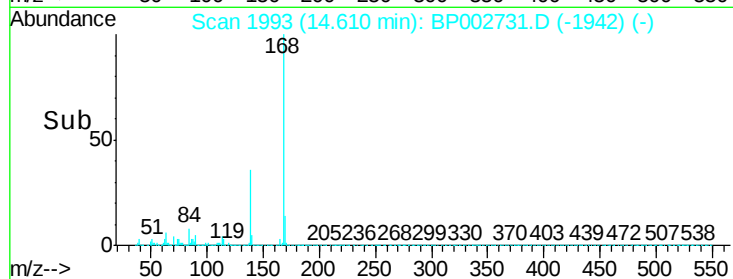
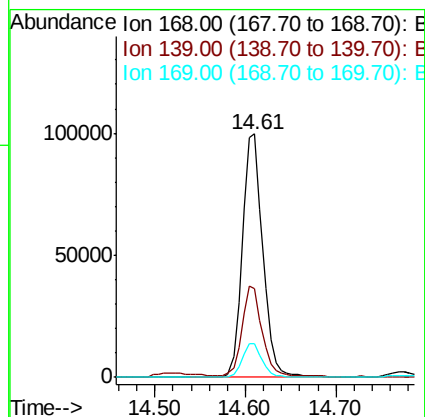
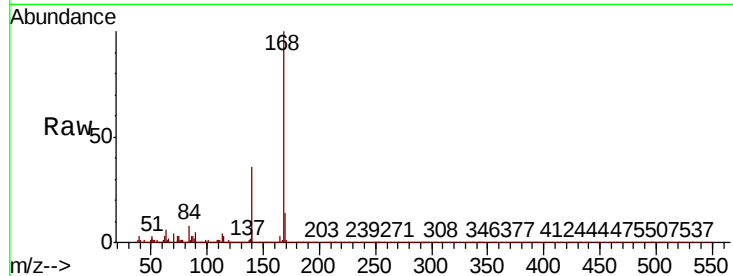
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	168	Resp:	157174
Ion Ratio	Lower	Upper	
168	100		
139	36.3	27.1	40.7
169	13.7	10.8	16.2

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#56

4-Nitrophenol

Concen: 5.950 ng

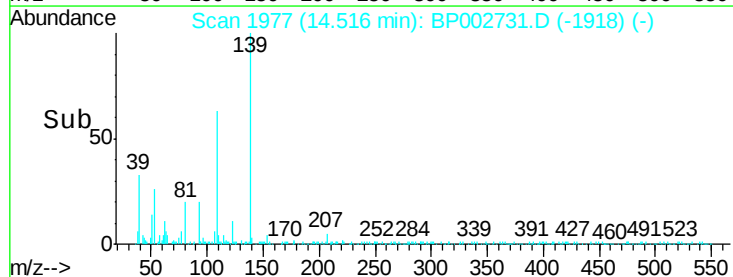
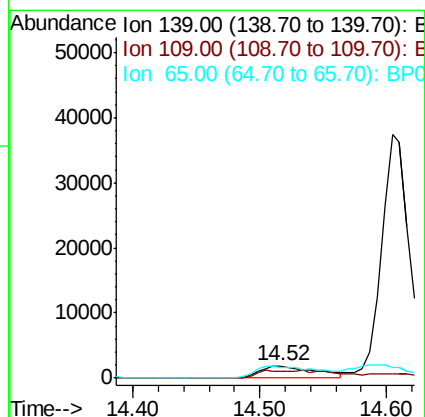
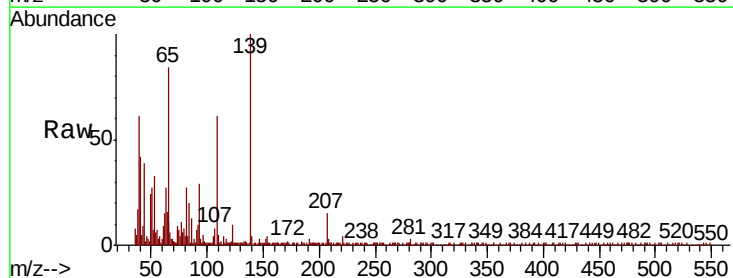
RT: 14.52 min Scan# 1977

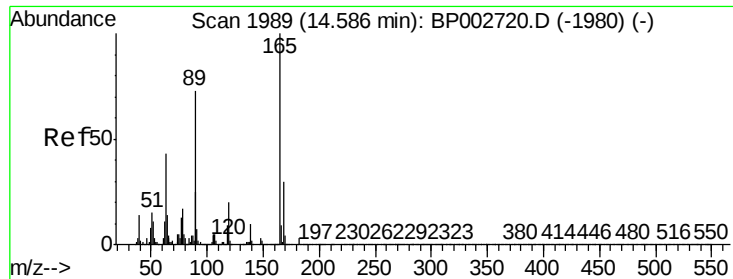
Delta R.T. 0.05 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	139	Resp:	5766
Ion Ratio	Lower	Upper	
139	100		
109	60.8	48.1	88.1
65	83.9	77.9	117.9





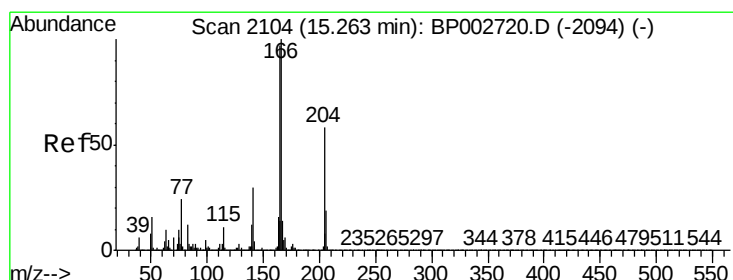
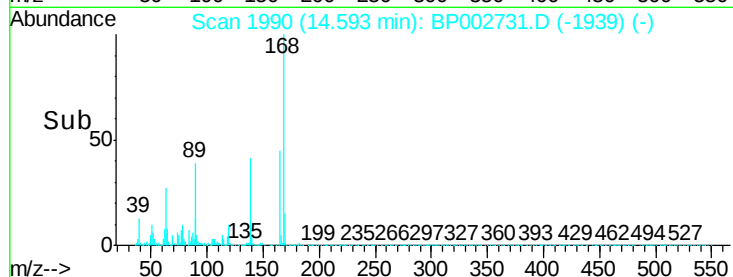
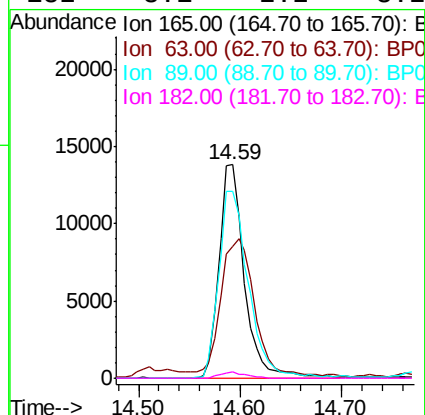
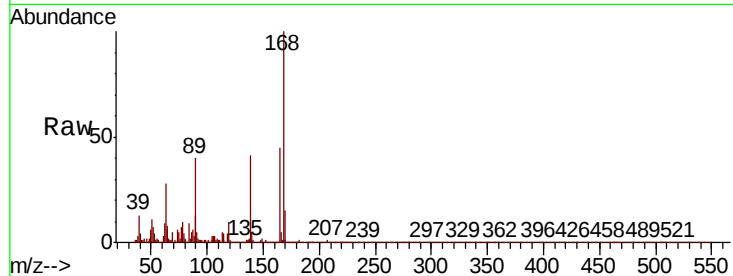
#57
2,4-Dinitrotoluene
Concen: 2.958 ng
RT: 14.59 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion:	165	Resp:	24012
Ion Ratio	Lower	Upper	
165	100		
63	62.0	35.1	52.7#
89	87.5	58.4	87.6
182	3.1	2.2	3.2

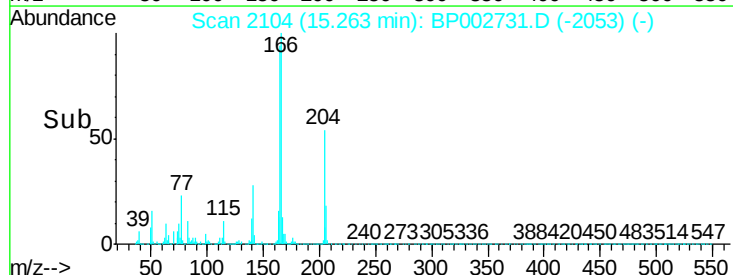
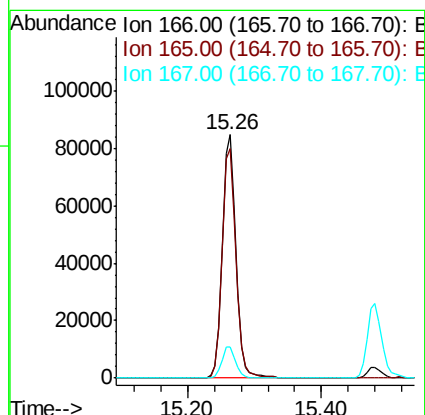
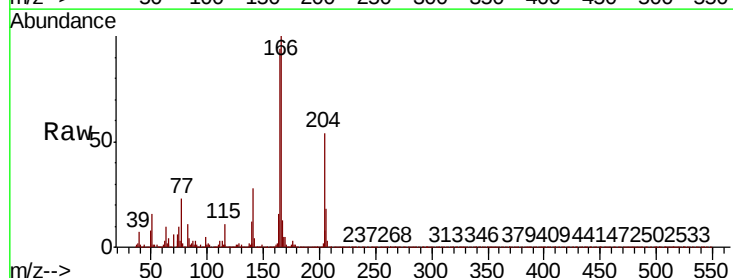
Manual Integrations
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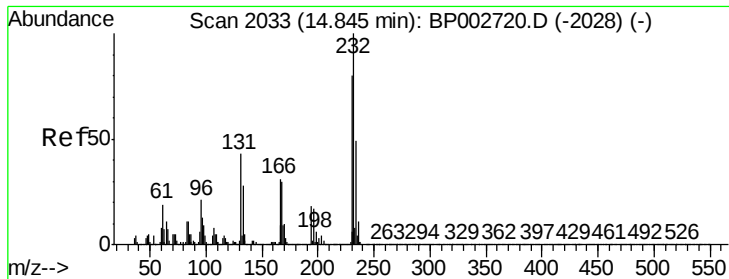
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#58
Fluorene
Concen: 4.785 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion:	166	Resp:	122319
Ion Ratio	Lower	Upper	
166	100		
165	94.5	77.7	116.5
167	12.9	11.0	16.6





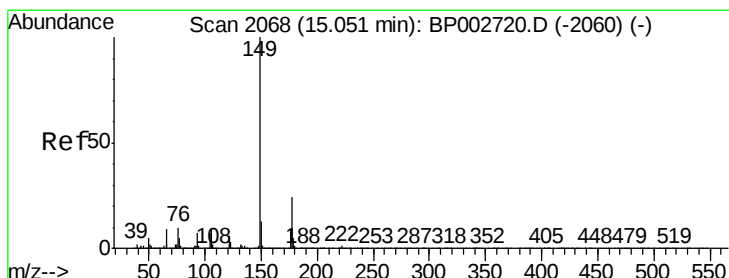
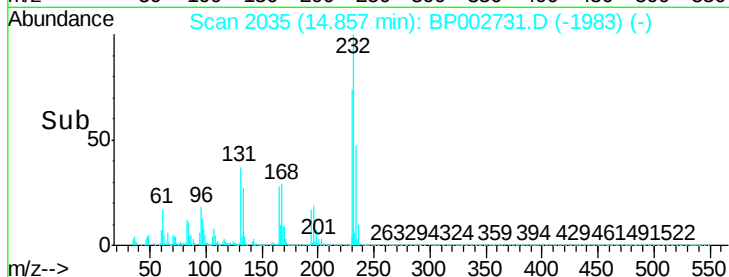
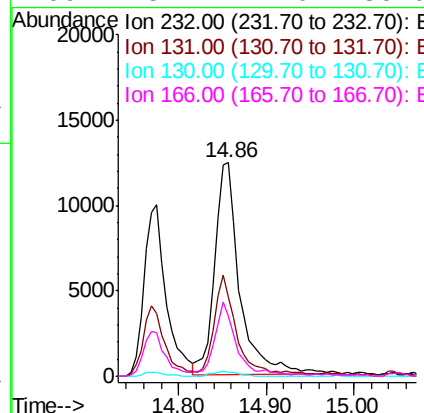
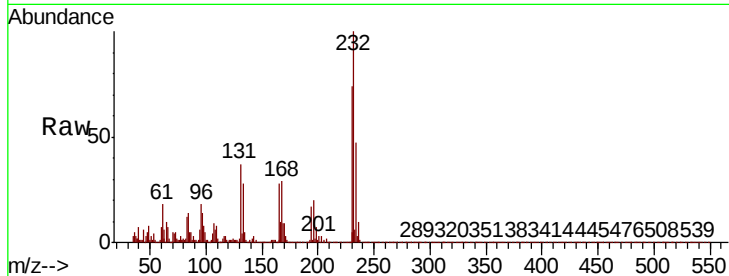
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.656 ng
 RT: 14.86 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion:	232	Resp:	24829
Ion Ratio	Lower	Upper	
232	100		
131	41.2	34.3	51.5
130	2.2	1.8	2.6
166	28.7	24.0	36.0

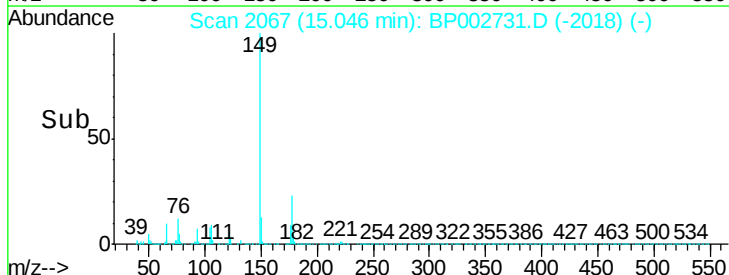
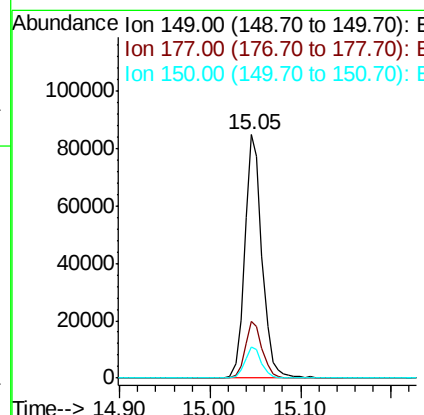
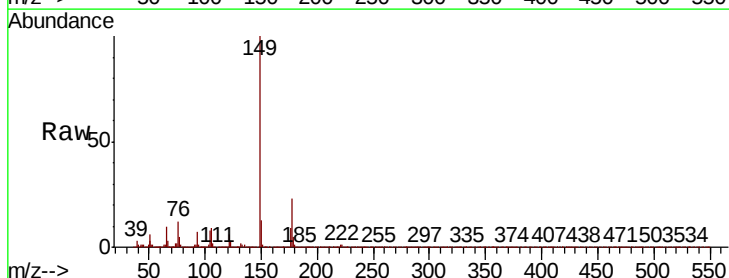
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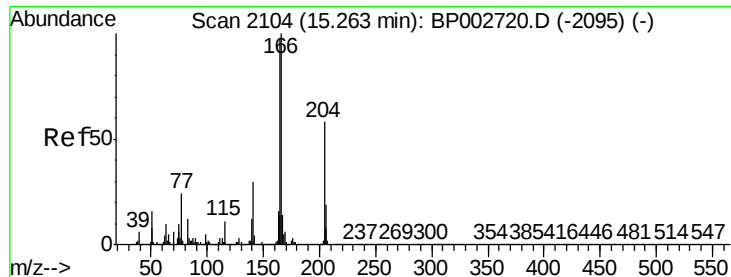
mohammad
 7/14/2020 12:02:25 PM



#60
 Diethylphthalate
 Concen: 4.030 ng
 RT: 15.05 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Tgt Ion:	149	Resp:	112508
Ion Ratio	Lower	Upper	
149	100		
177	23.4	18.9	28.3
150	12.9	10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 4.679 ng

RT: 15.26 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

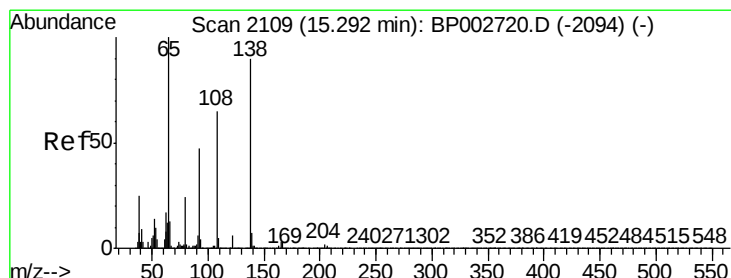
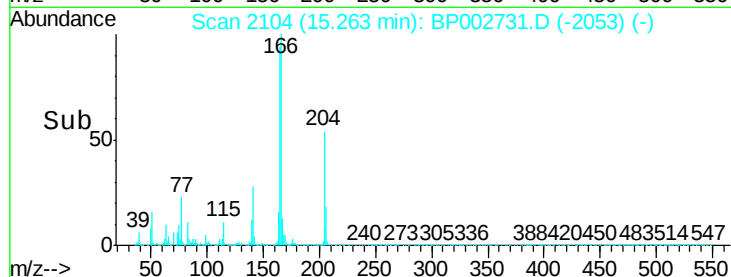
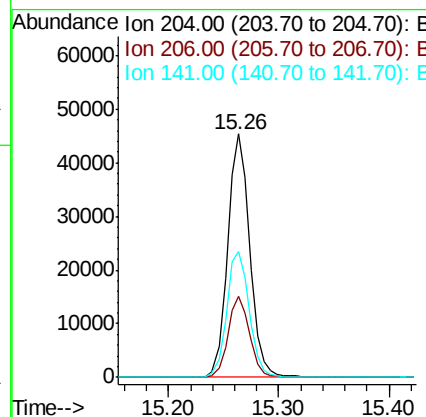
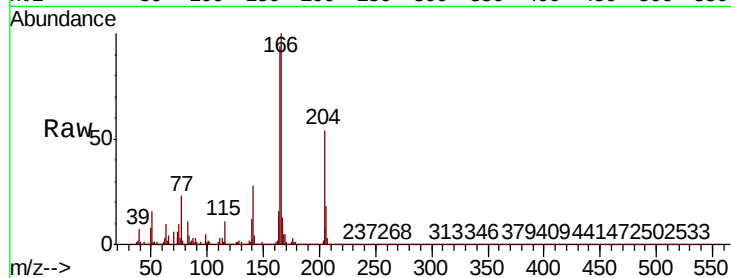
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	204	Resp:	63546
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.1	39.1
141	51.6	41.8	62.8

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#62

4-Nitroaniline

Concen: 3.899 ng m

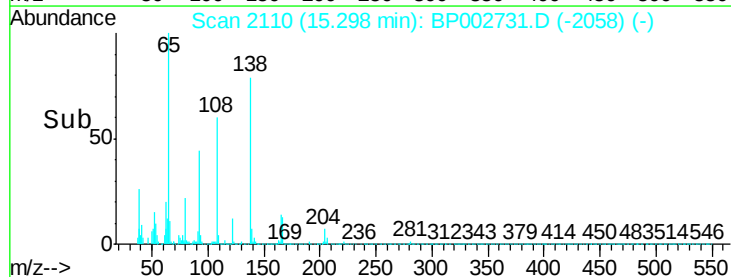
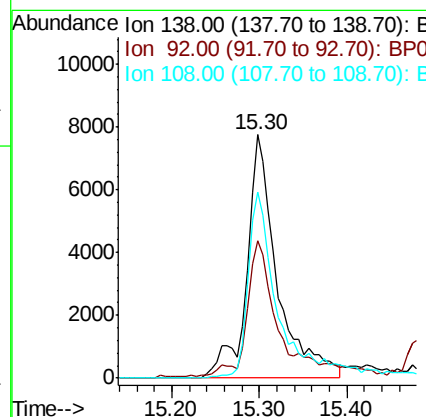
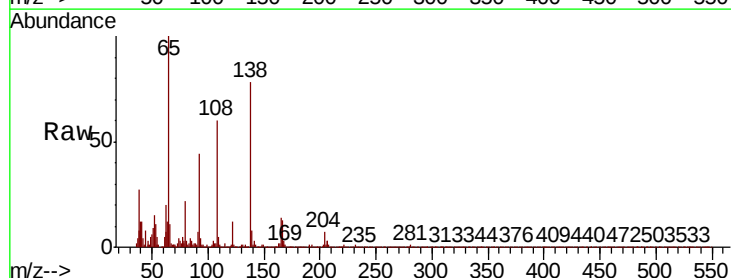
RT: 15.30 min Scan# 2110

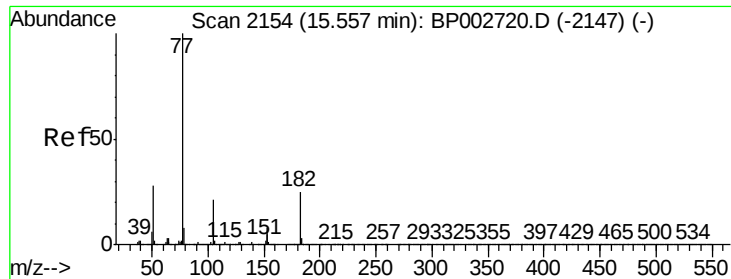
Delta R.T. 0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	138	Resp:	18917
Ion Ratio	Lower	Upper	
138	100		
92	56.2	32.0	72.0
108	76.6	52.2	92.2





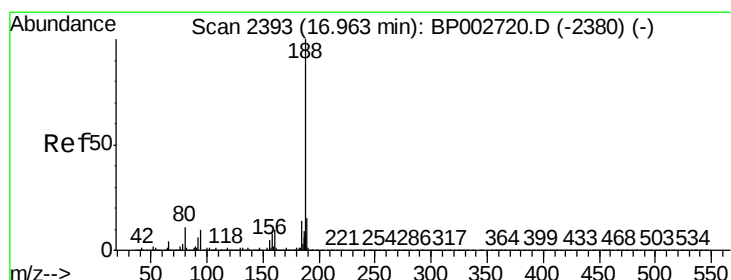
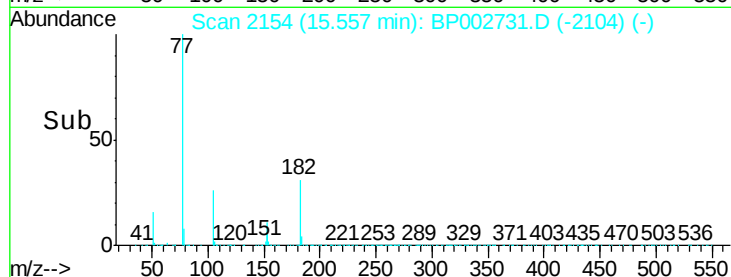
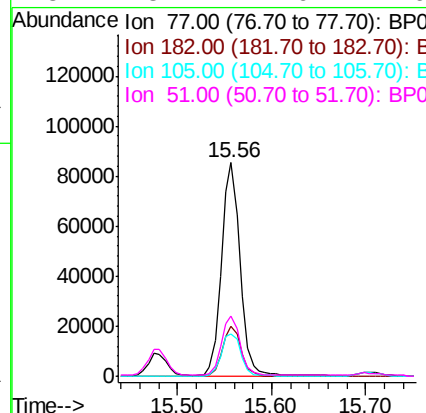
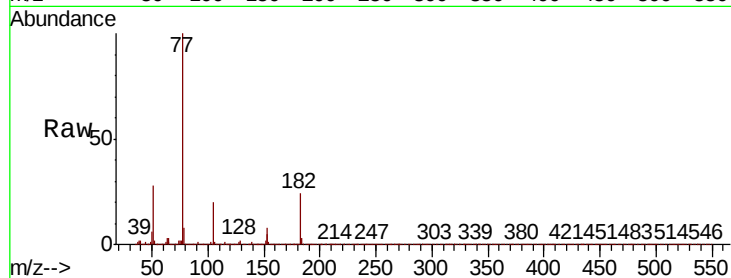
#63
Azobenzene
Concen: 4.133 ng
RT: 15.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.5	5.1	45.1		
105	19.9	0.8	40.8		
51	28.2	7.6	47.6		

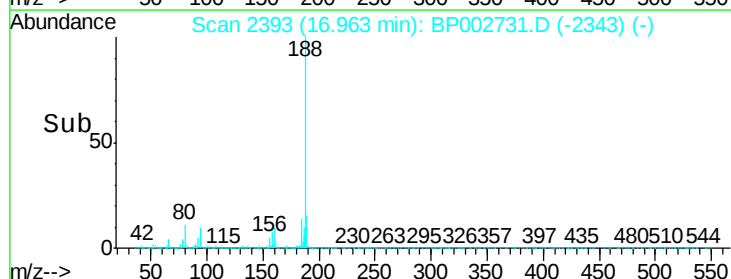
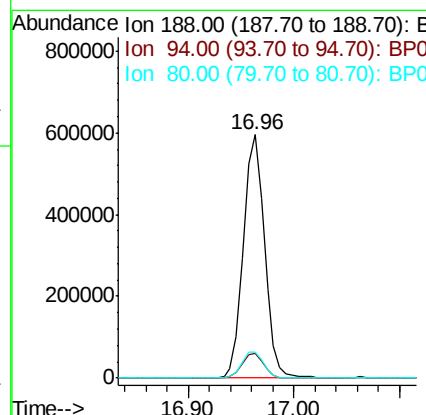
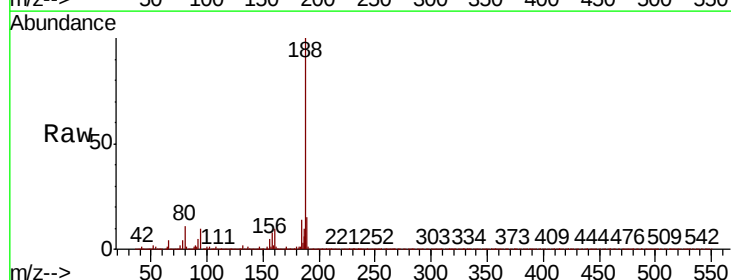
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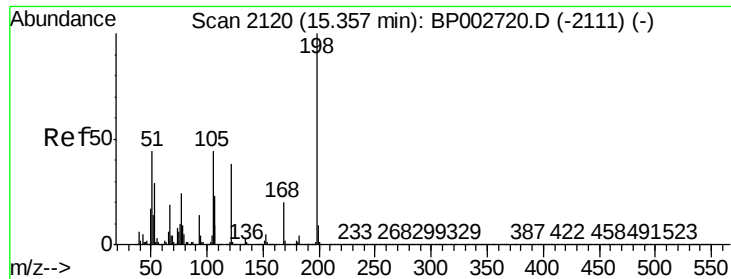
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.1	8.1	12.1		
80	10.9	8.9	13.3		





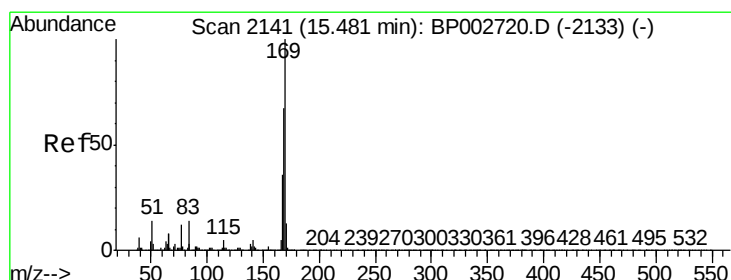
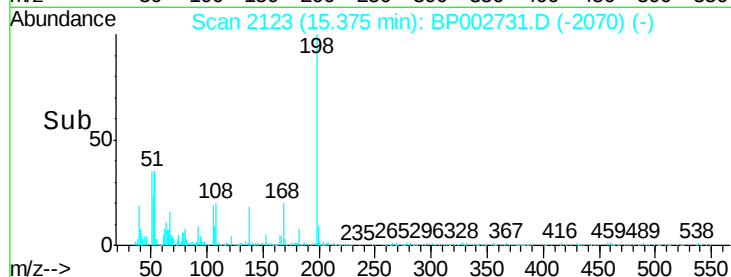
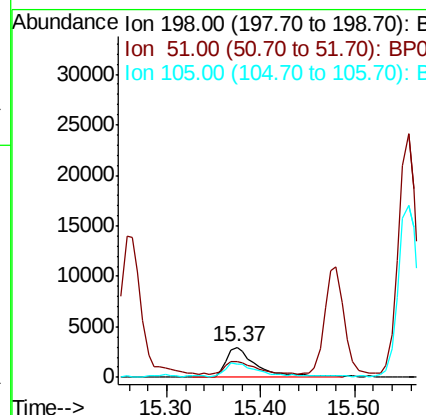
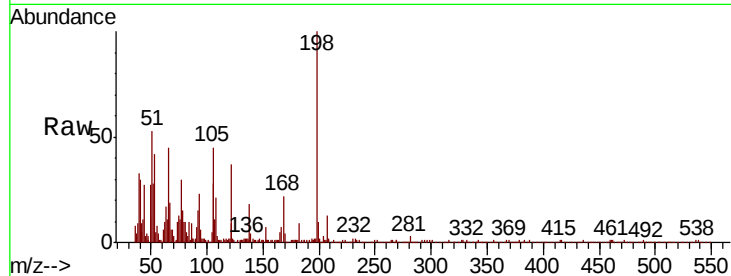
#65
4,6-Dinitro-2-methylphenol
Concen: 6.487 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.6	27.1	67.1
105	45.3	24.9	64.9

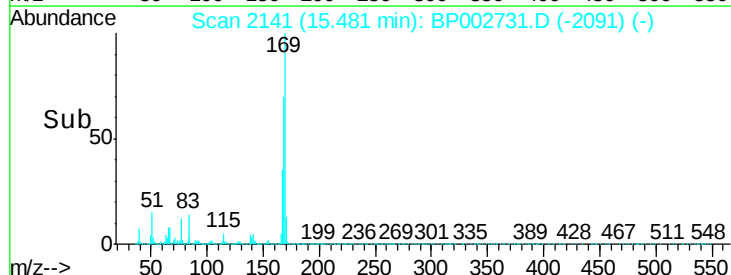
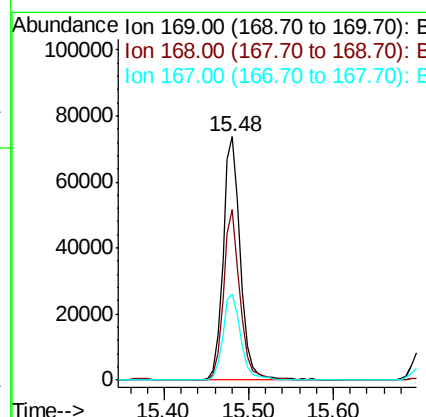
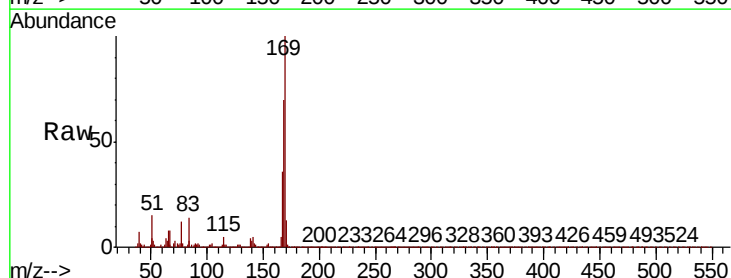
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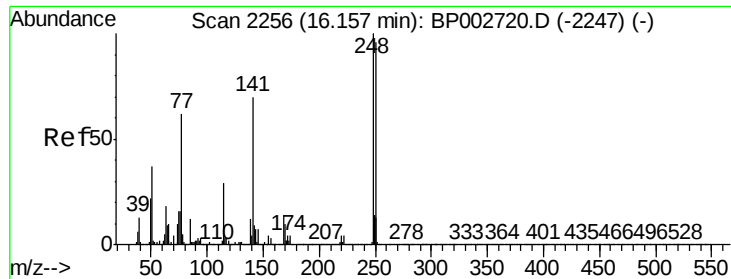
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 4.311 ng
RT: 15.48 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	53.4	80.0
167	35.5	29.2	43.8





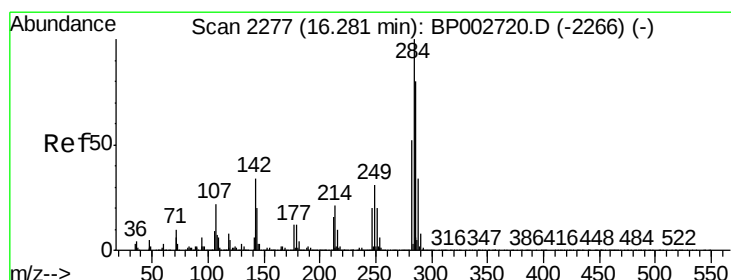
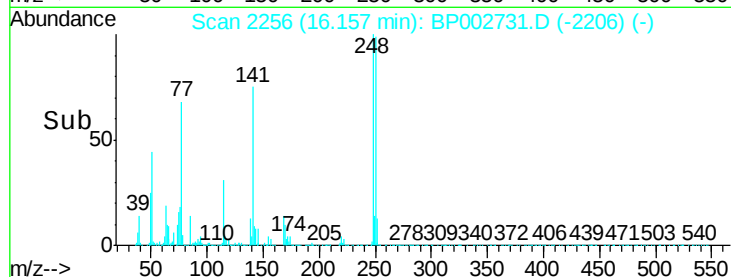
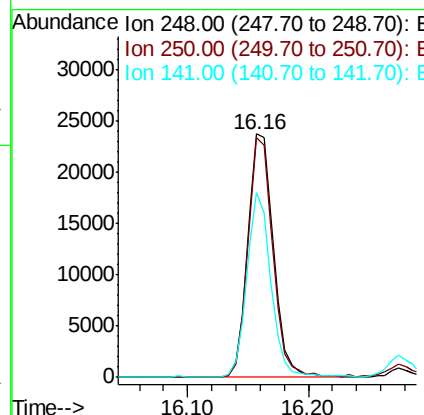
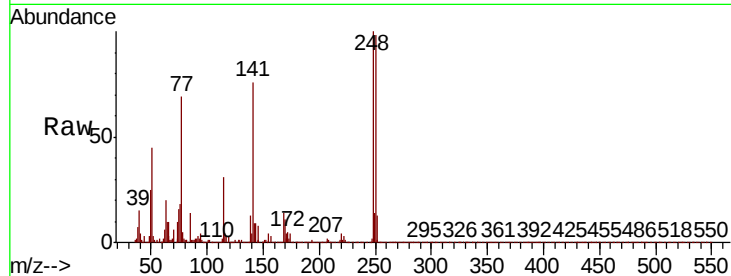
#67
4-Bromophenyl-phenylether
Concen: 3.954 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.7	115.1
141	76.1	55.9	83.9

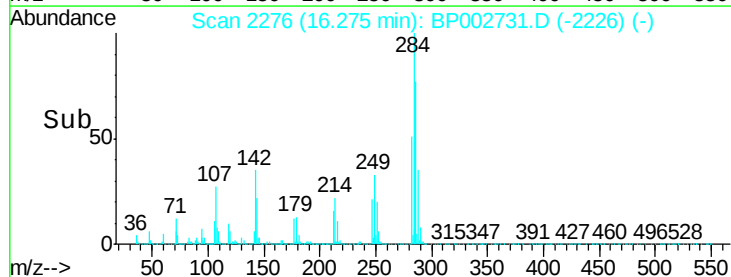
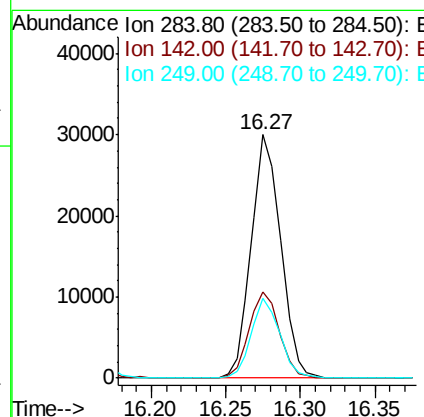
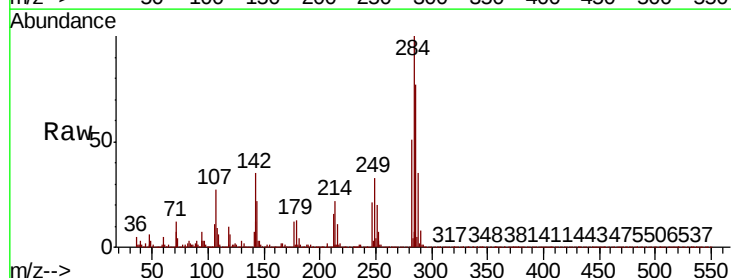
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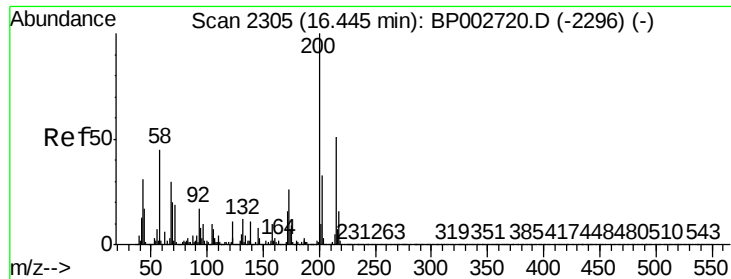
mohammad
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#68
Hexachlorobenzene
Concen: 4.322 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.9	40.3
249	32.8	24.6	37.0





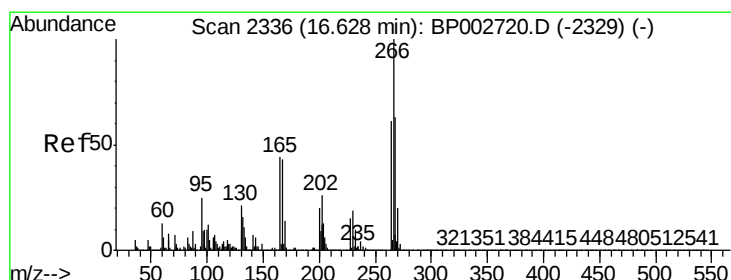
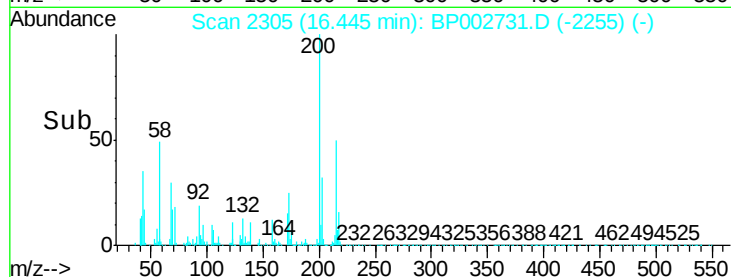
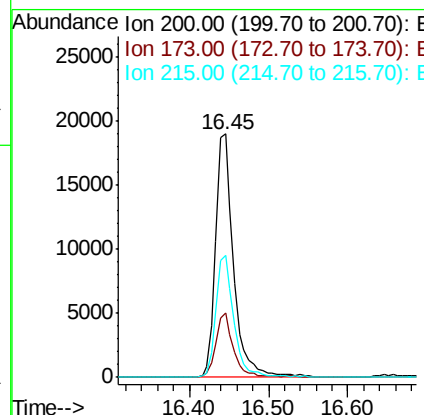
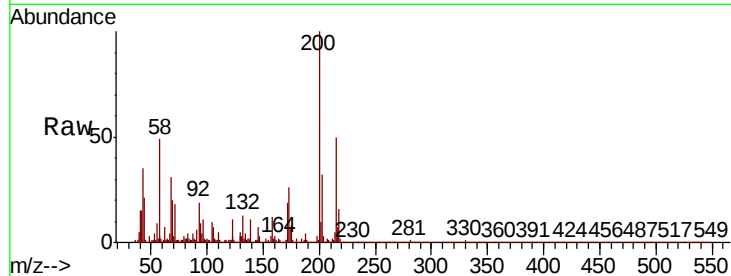
#69
Atrazine
Concen: 4.530 ng
RT: 16.45 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.3	46.3
215	50.1	30.6	70.6

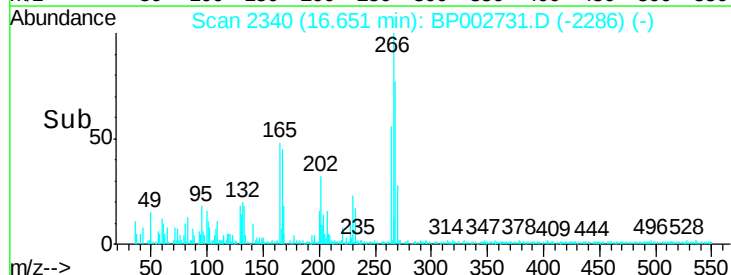
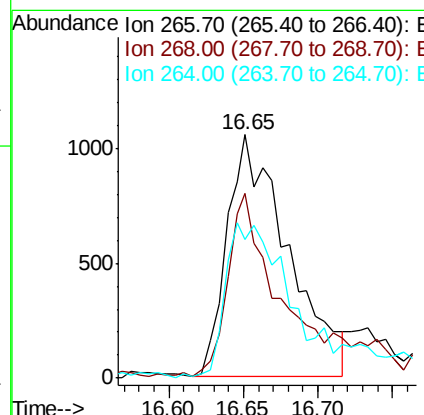
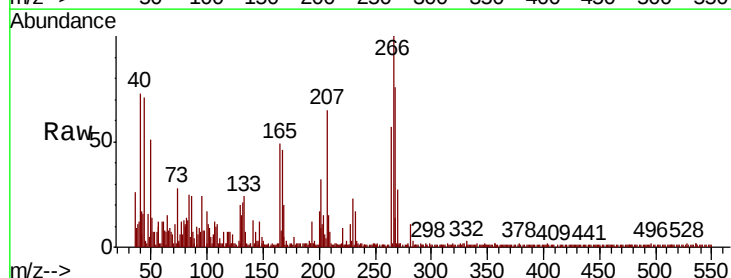
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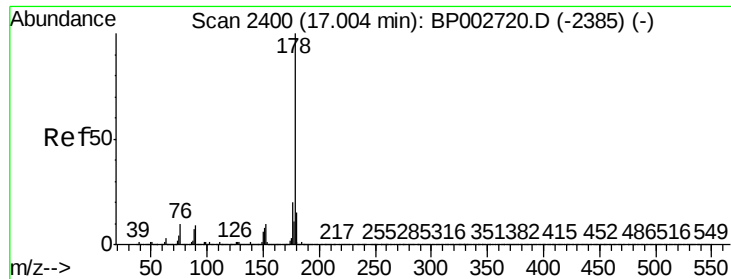
mohammad
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#70
Pentachlorophenol
Concen: 8.030 ng
RT: 16.65 min Scan# 2340
Delta R.T. 0.02 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	76.1	50.6	75.8#
264	57.1	48.6	72.8





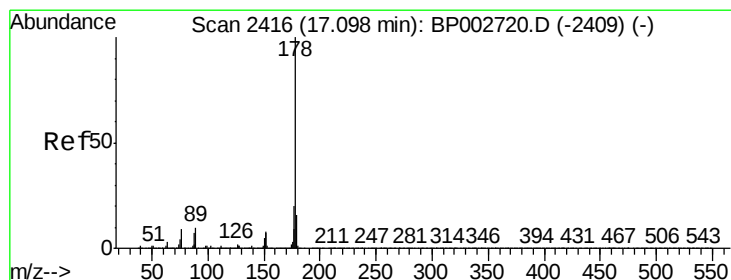
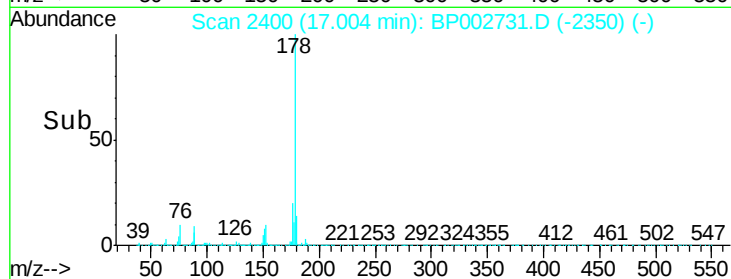
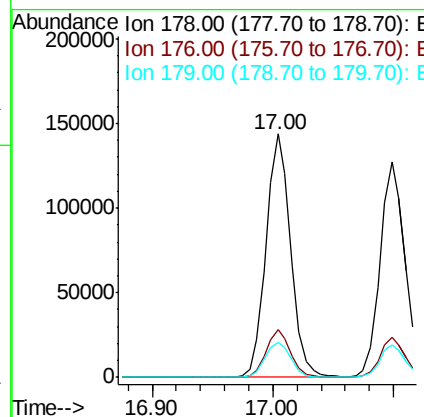
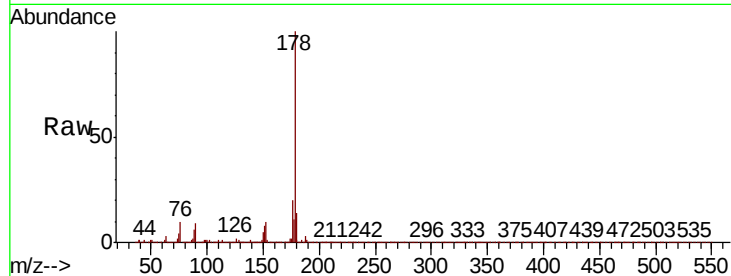
#71
Phenanthrene
Concen: 4.582 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	14.5	12.3	18.5

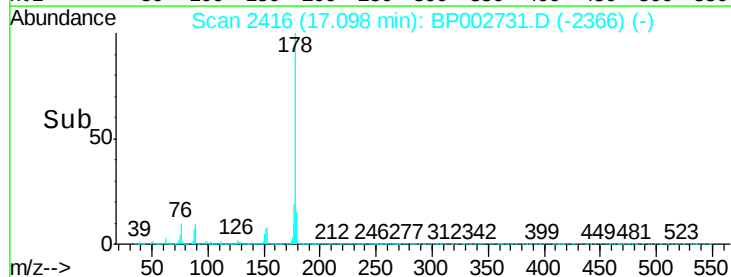
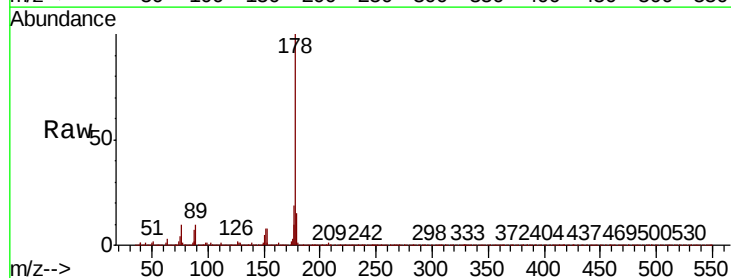
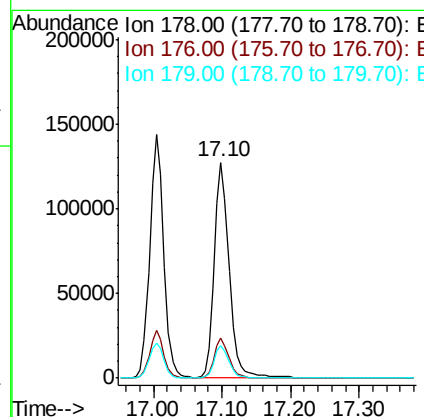
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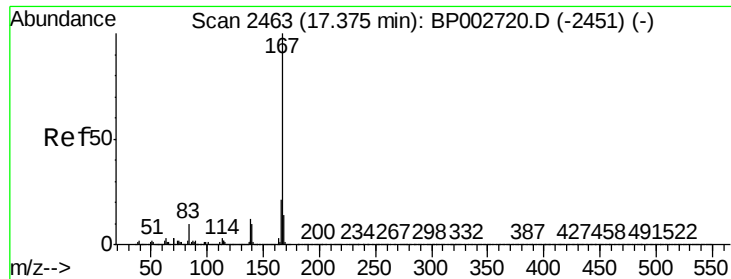
mohammad
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#72
Anthracene
Concen: 4.406 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.2	12.6	19.0





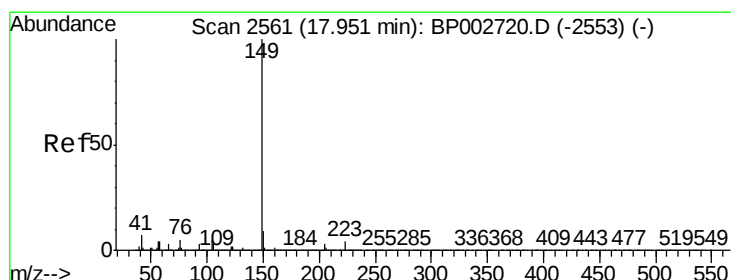
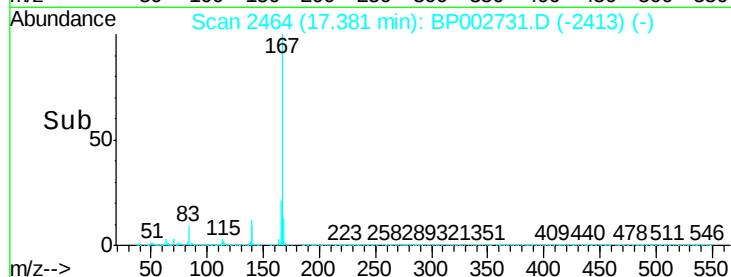
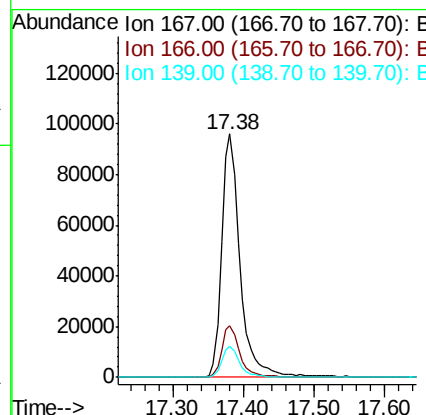
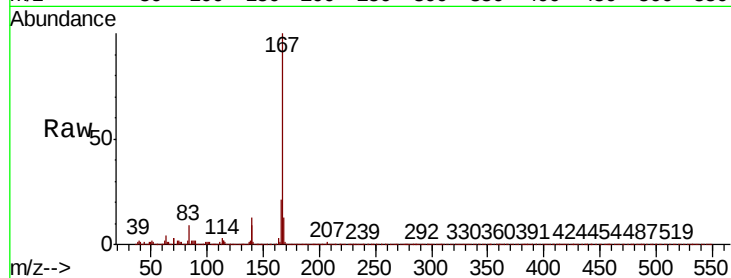
#73
 Carbazole
 Concen: 4.045 ng
 RT: 17.38 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.7	9.6	14.4

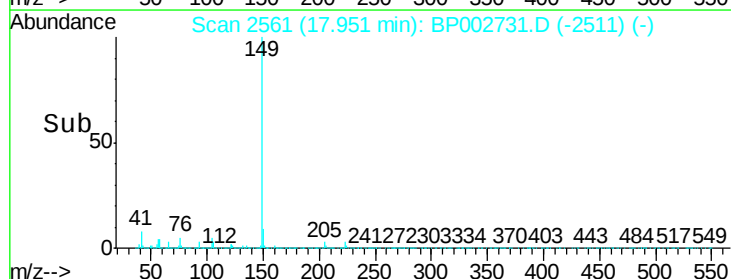
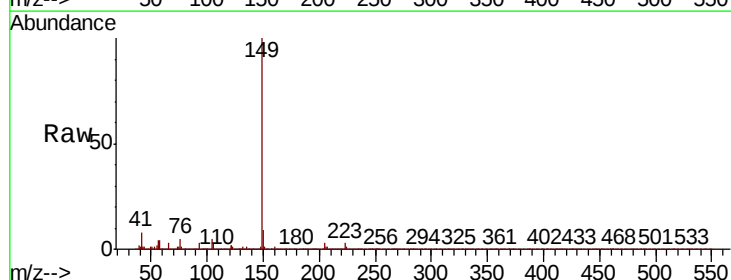
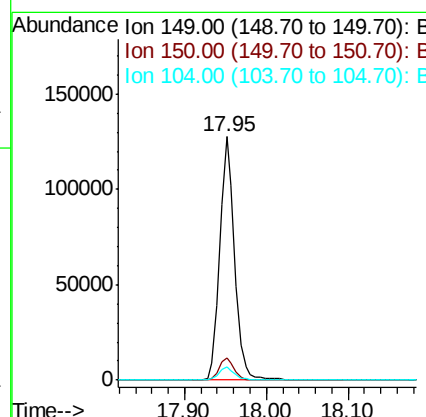
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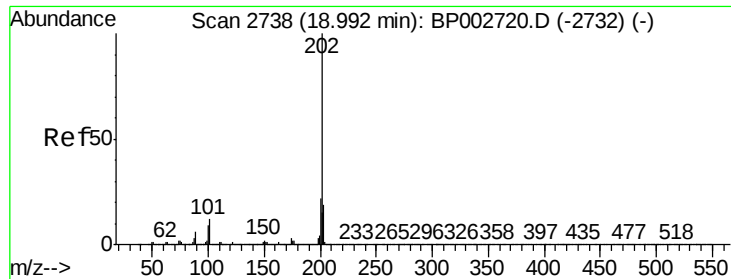
mohammad
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#74
 Di-n-butylphthalate
 Concen: 3.461 ng
 RT: 17.95 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 4.318 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

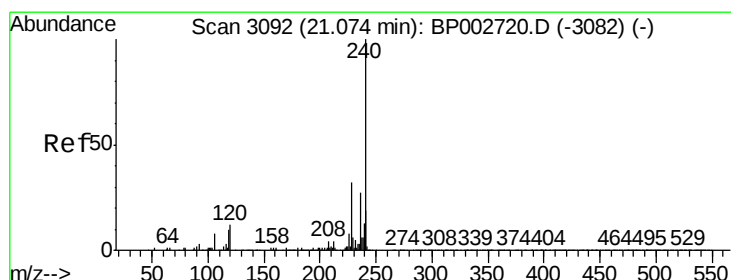
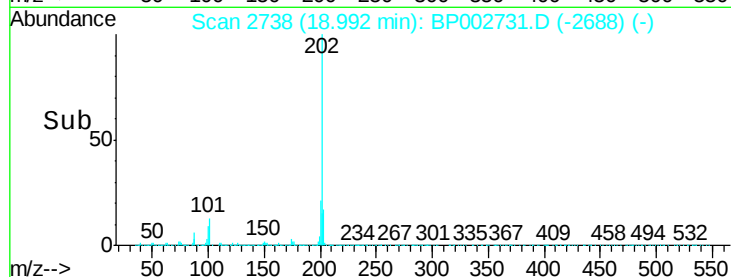
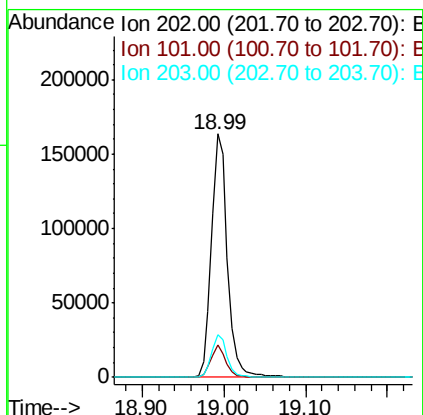
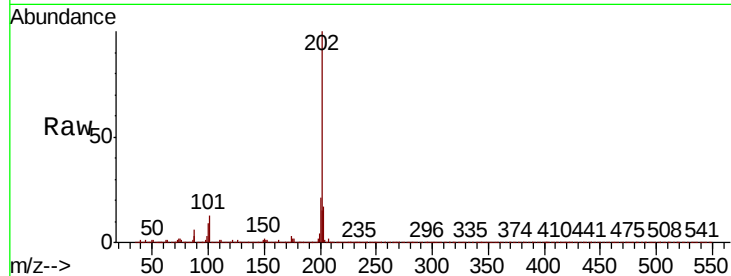
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	202	Resp:	223400
Ion Ratio		Lower	Upper
202	100		
101	13.2	0.0	32.5
203	17.5	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

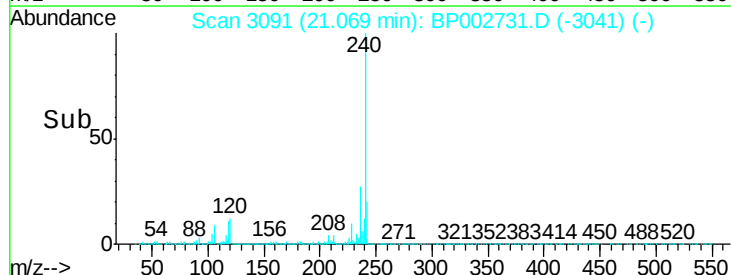
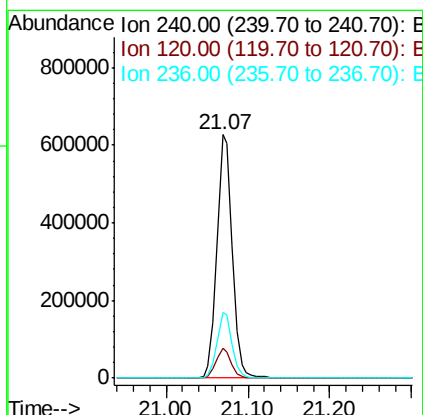
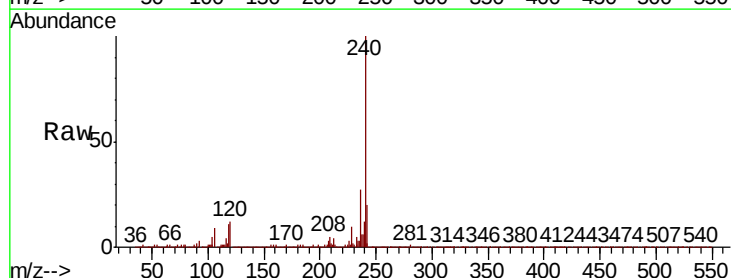
RT: 21.07 min Scan# 3091

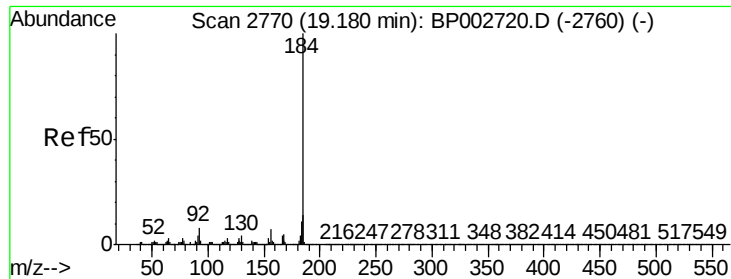
Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	240	Resp:	826167
Ion Ratio		Lower	Upper
240	100		
120	12.4	9.4	14.2
236	26.9	21.3	31.9





#77

Benzidine

Concen: 3.309 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

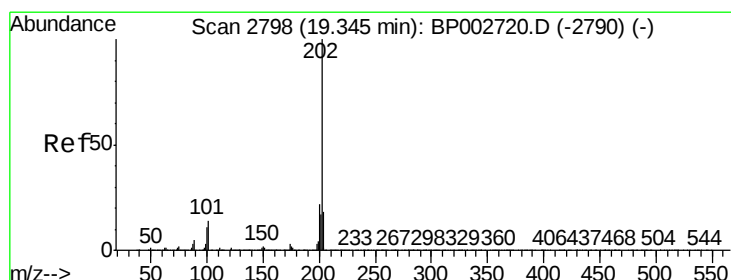
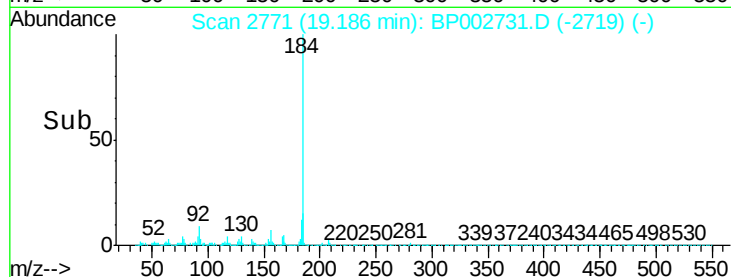
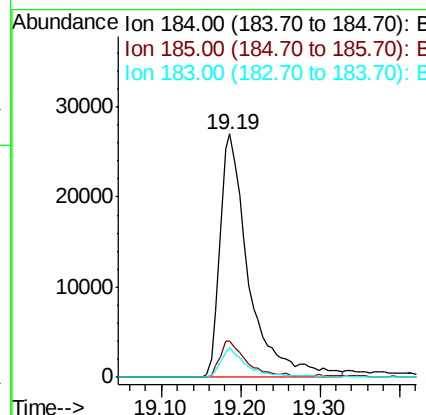
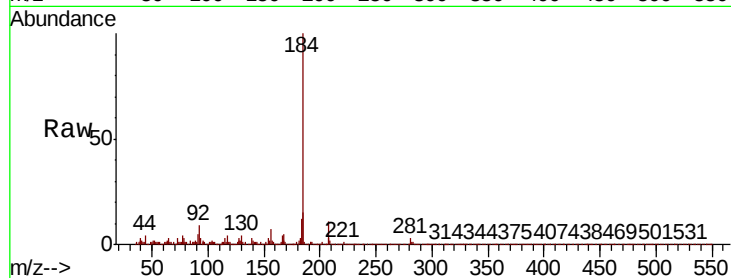
ClientSampleId :

LOQ-SOIL-02-QT3-2020

Tot Ion:	184	Resp:	67772
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.4	17.2
183	12.4	9.0	13.4

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#78

Pyrene

Concen: 4.205 ng

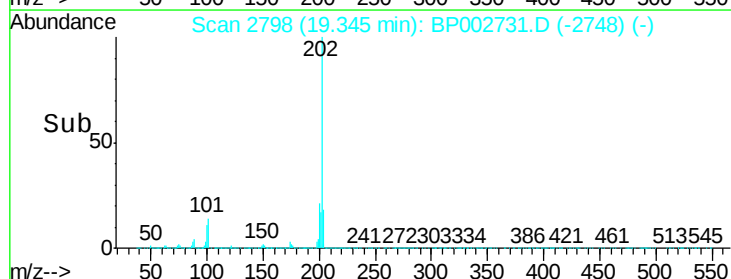
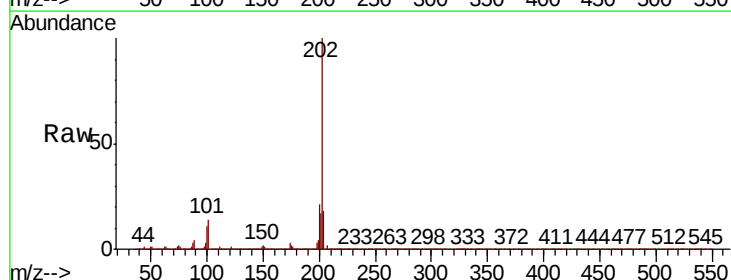
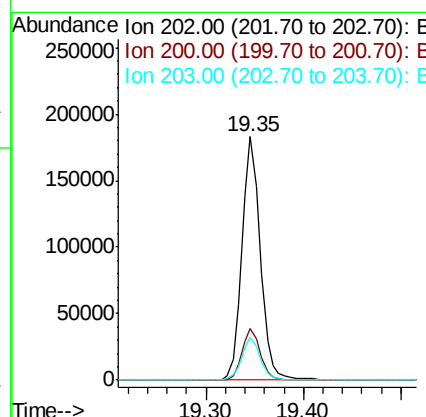
RT: 19.35 min Scan# 2798

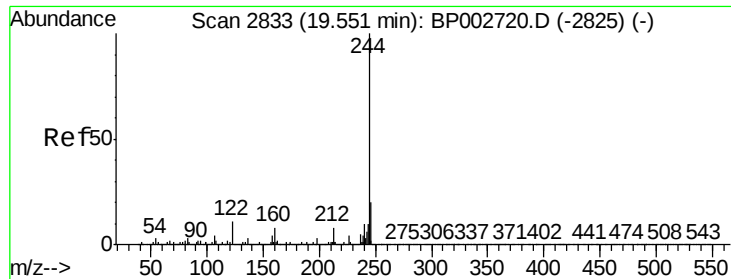
Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Tgt Ion:	202	Resp:	239868
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.7	14.5	21.7





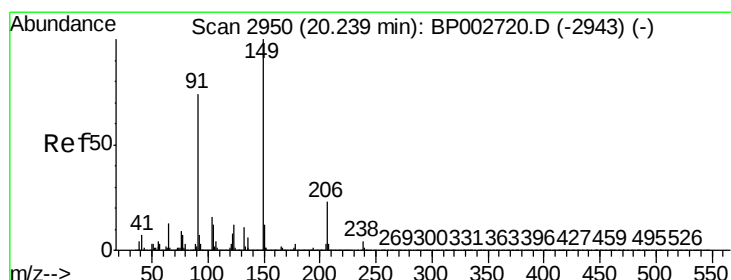
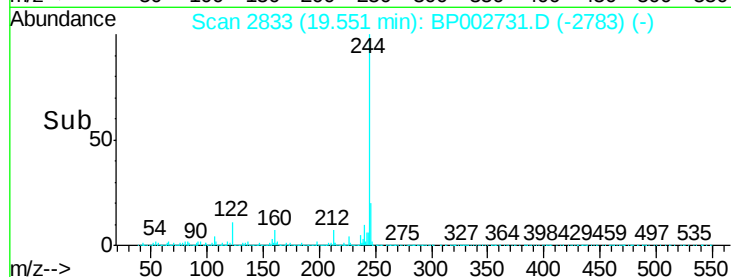
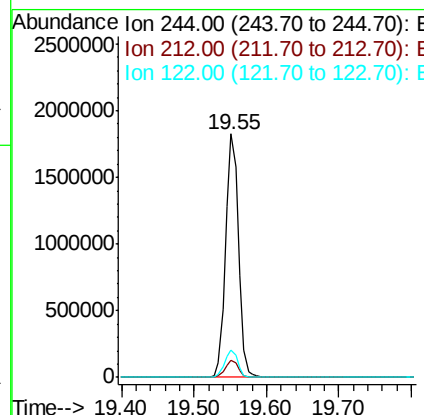
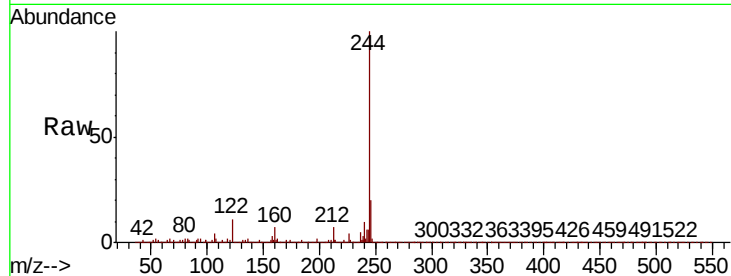
#79
Terphenyl-d14
Concen: 62.709 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.2	8.9	13.3

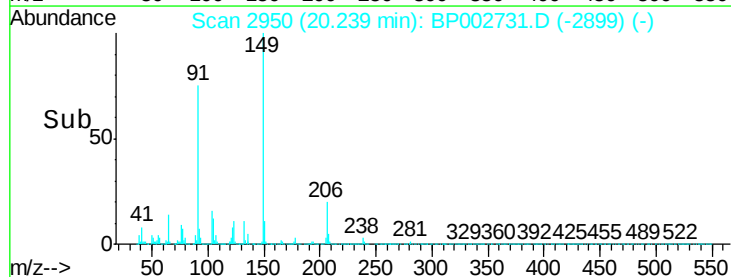
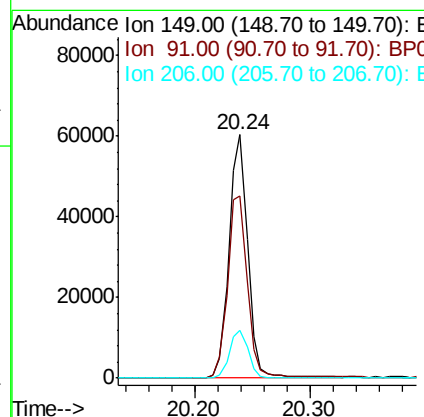
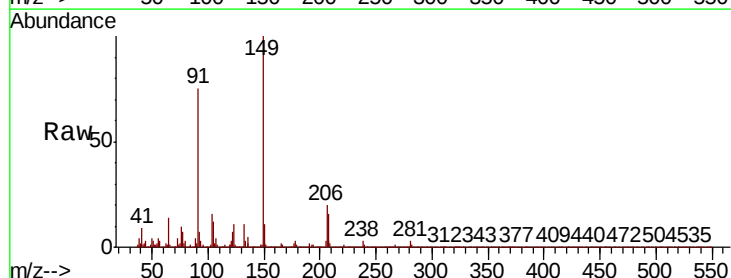
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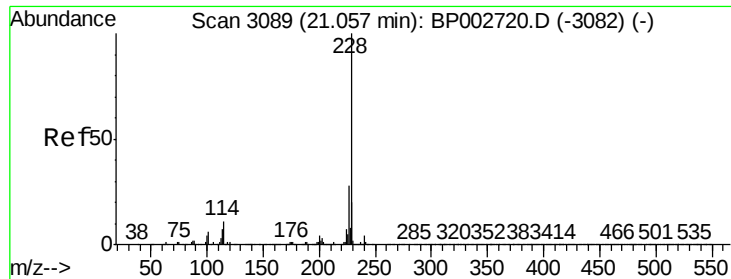
mohammad
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#80
Butylbenzylphthalate
Concen: 2.974 ng
RT: 20.24 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.8	59.4	89.2
206	19.7	18.3	27.5





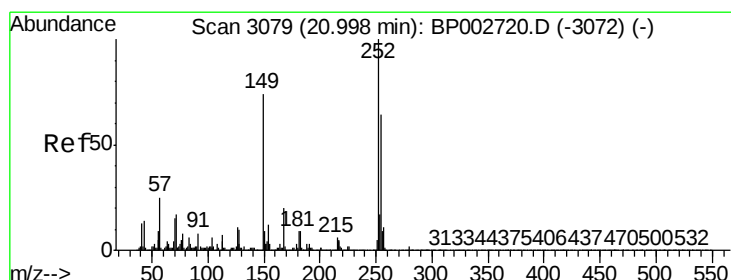
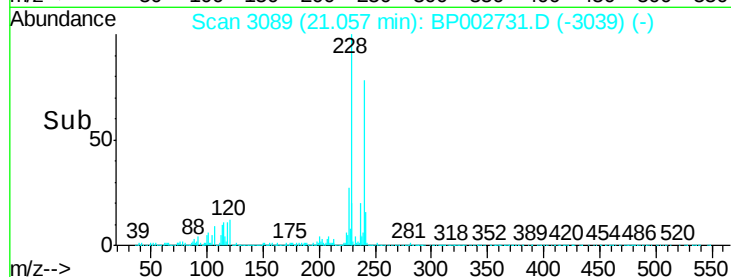
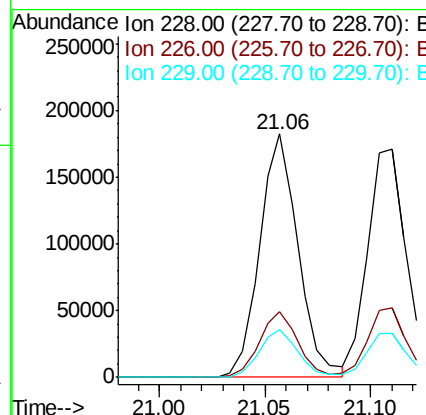
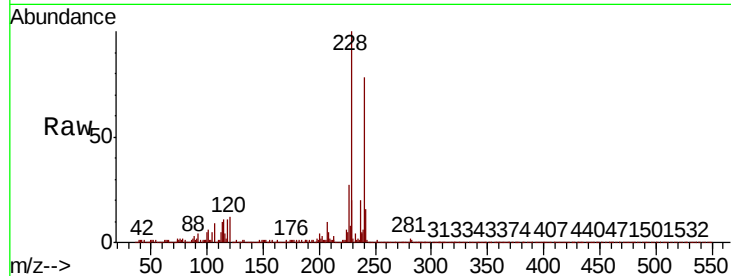
#81
Benzo(a)anthracene
Concen: 4.319 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.8	16.0	24.0

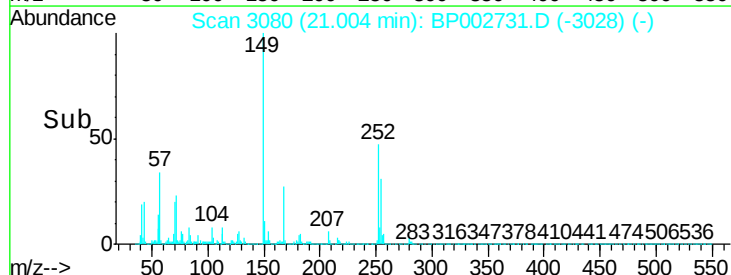
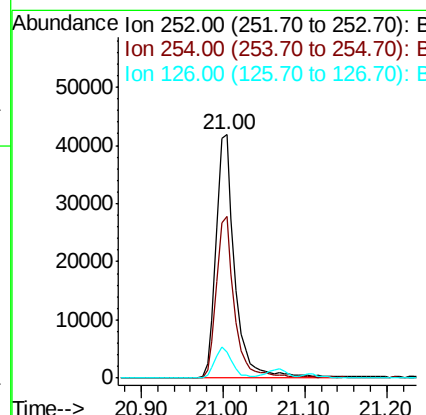
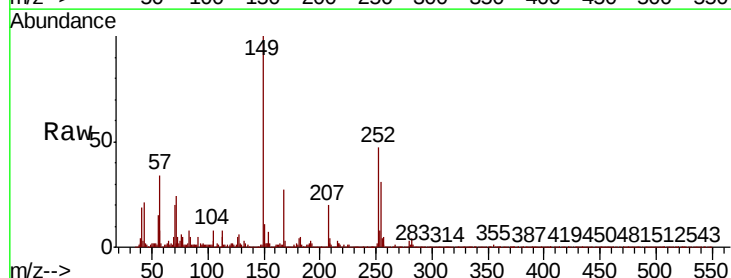
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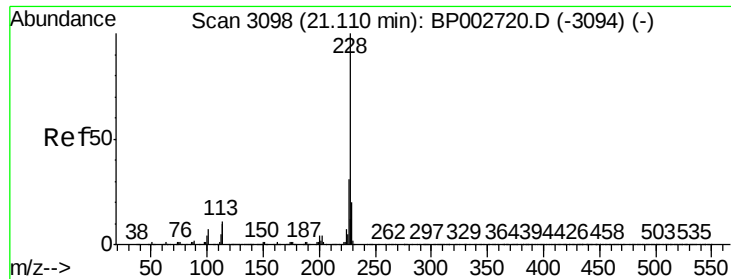
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 3.817 ng
RT: 21.00 min Scan# 3080
Delta R.T. 0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.0	76.4
126	10.9	8.4	12.6





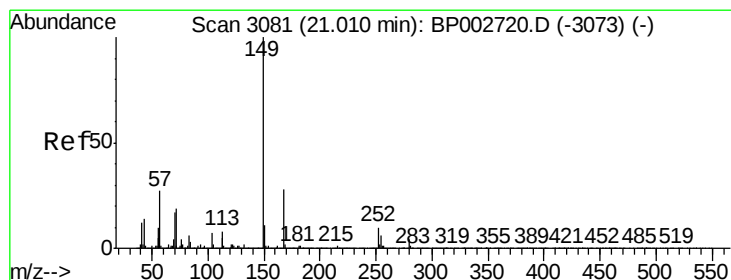
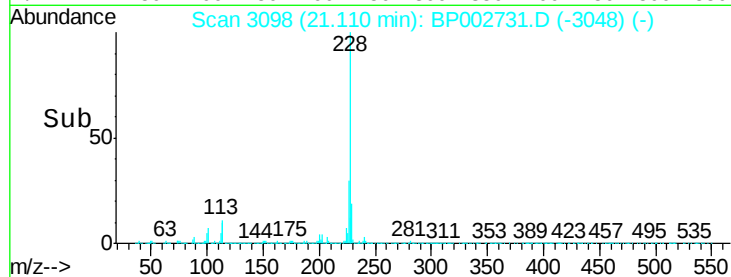
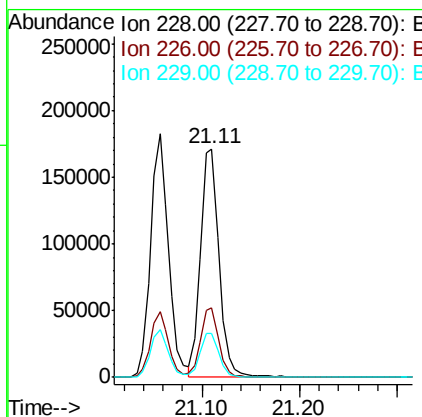
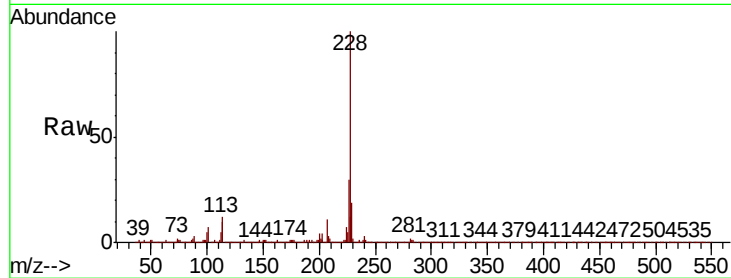
#83
Chrysene
Concen: 4.407 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.2	15.7	23.5

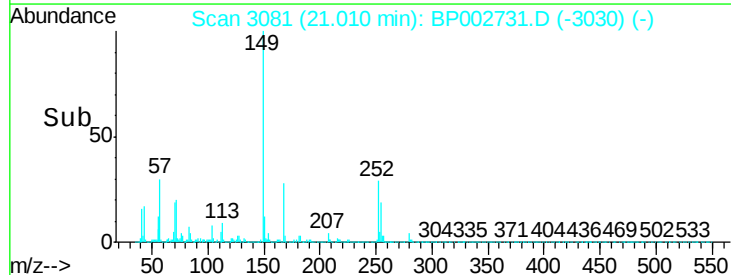
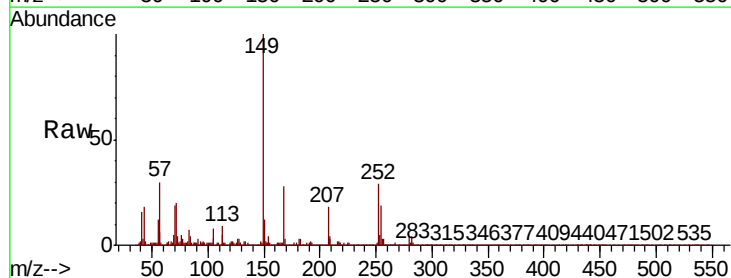
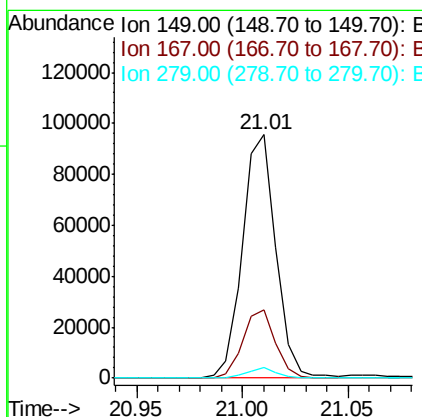
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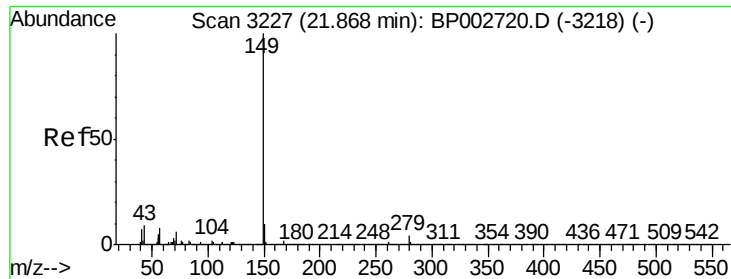
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.327 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 3.026 ng

RT: 21.87 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP002731.D

Acq: 13 Jul 2020 12:17

Instrument :

BNA_P

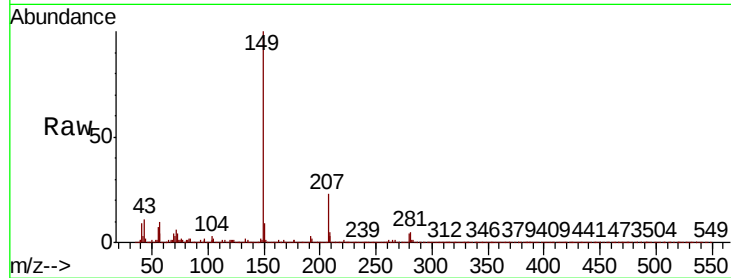
ClientSampleId :

LOQ-SOIL-02-QT3-2020

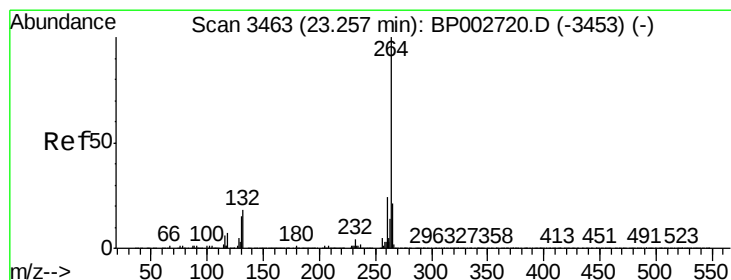
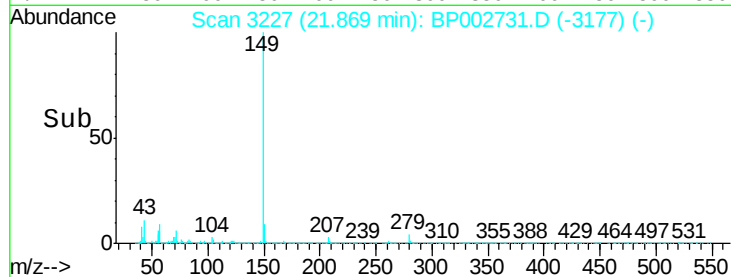
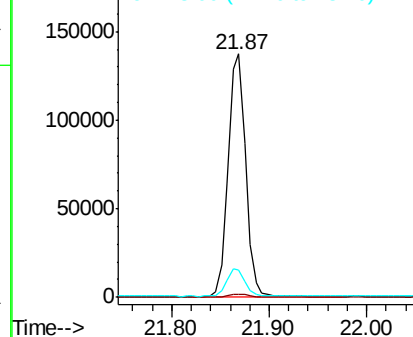
Tot Ion:	149	Resp:	170305
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.7	8.2	12.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

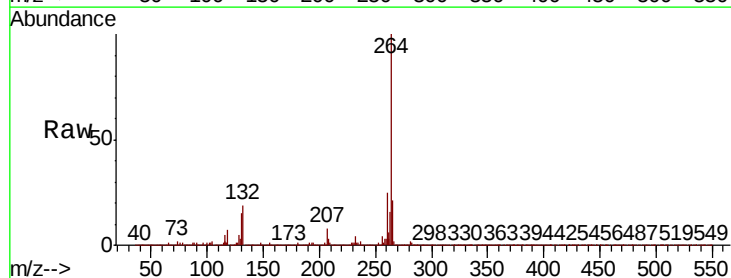
RT: 23.26 min Scan# 3463

Delta R.T. -0.01 min

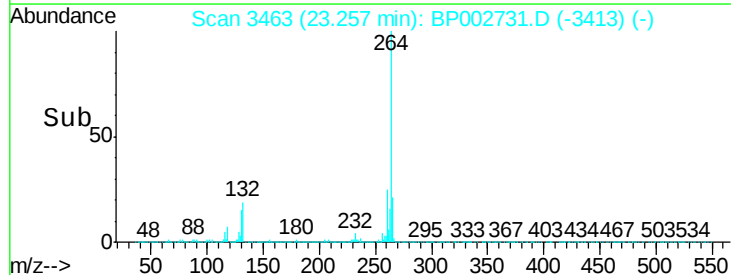
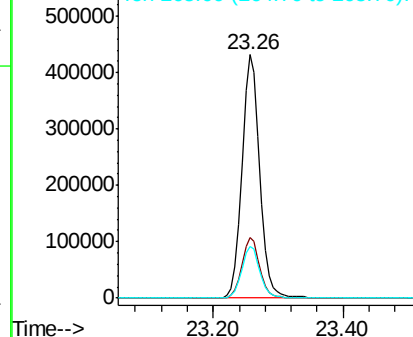
Lab File: BP002731.D

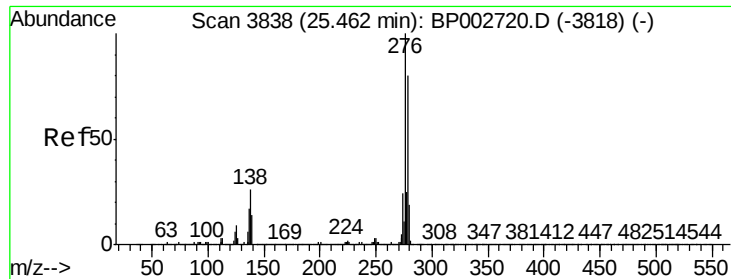
Acq: 13 Jul 2020 12:17

Tgt Ion:	264	Resp:	810991
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.3	28.9
265	21.3	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





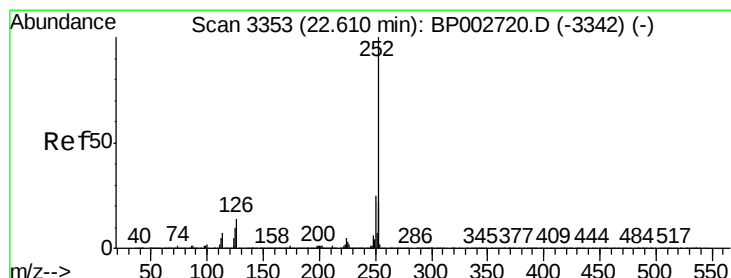
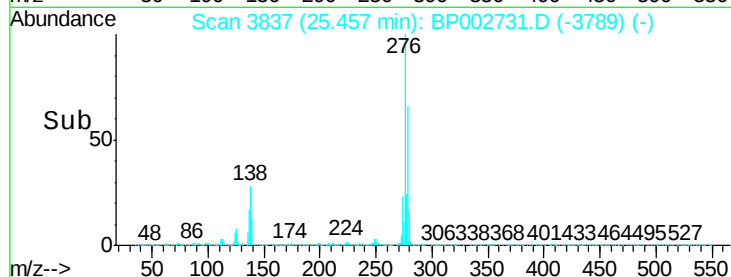
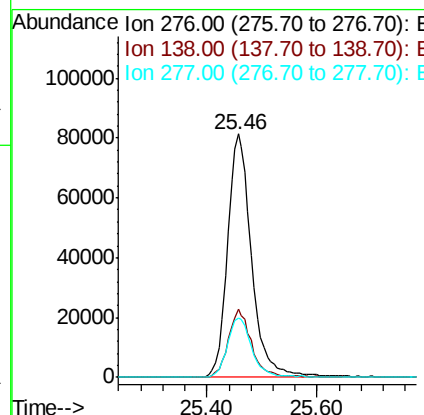
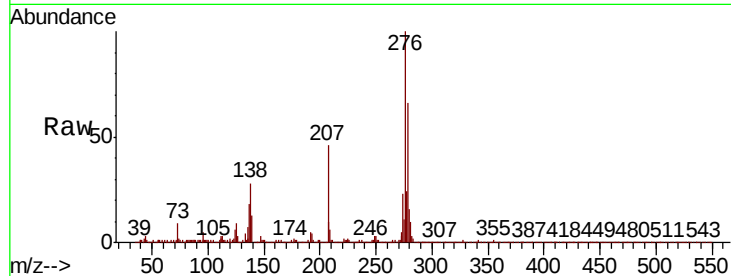
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.221 ng
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.02 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.8	31.2
277	25.1	20.0	30.0

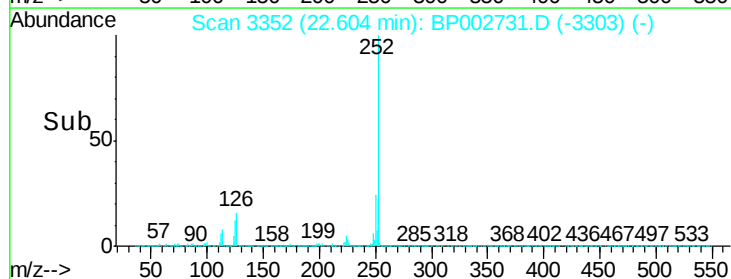
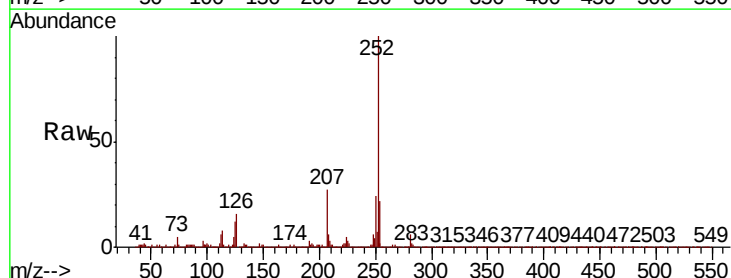
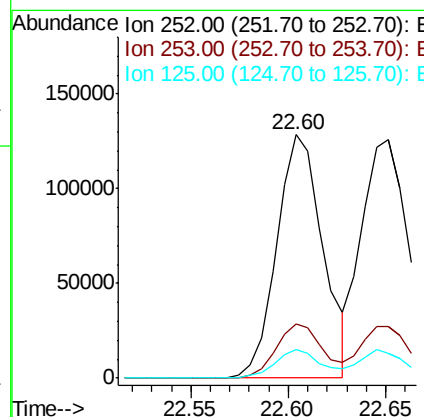
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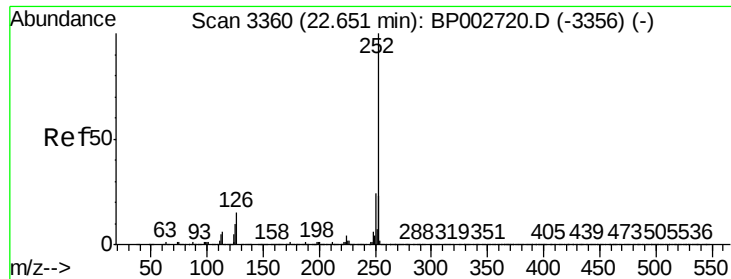
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 4.181 ng
 RT: 22.60 min Scan# 3352
 Delta R.T. -0.01 min
 Lab File: BP002731.D
 Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.9	8.2	12.2





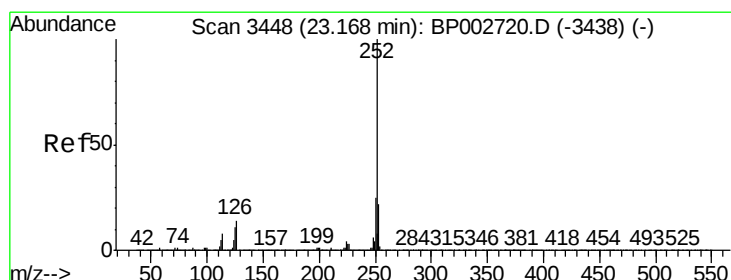
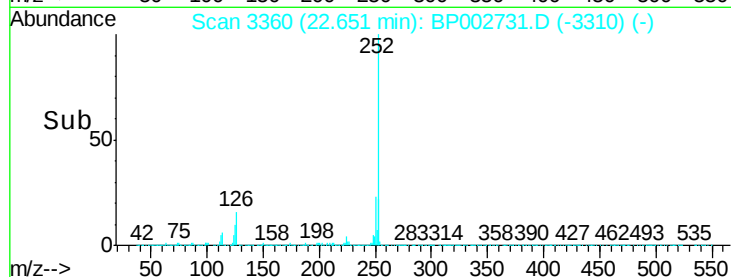
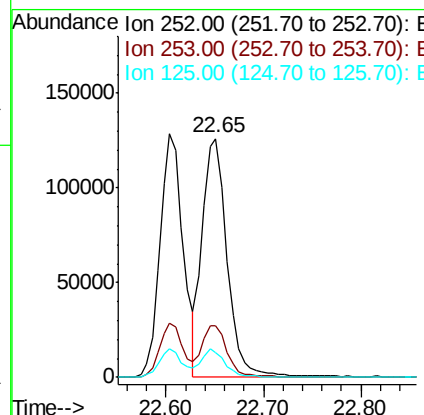
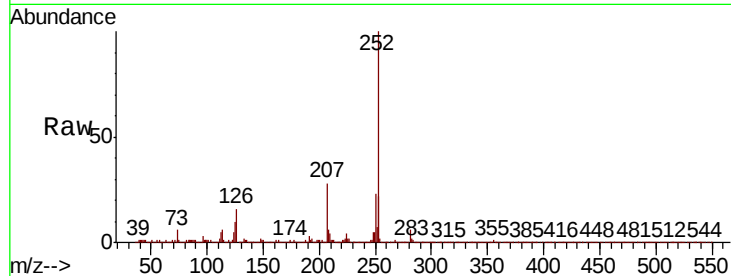
#89
Benzo(k)fluoranthene
Concen: 4.466 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.4	8.3	12.5

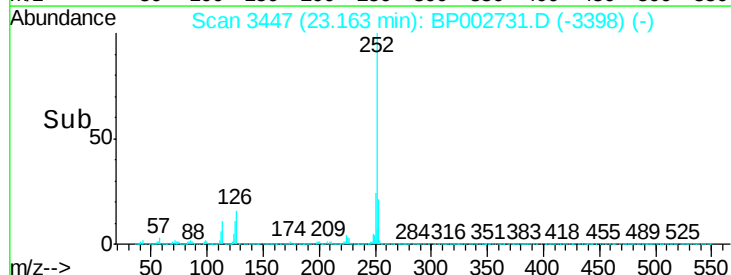
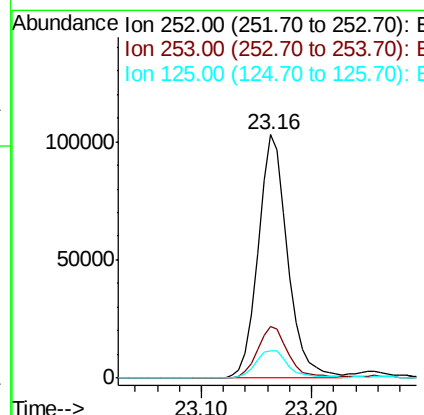
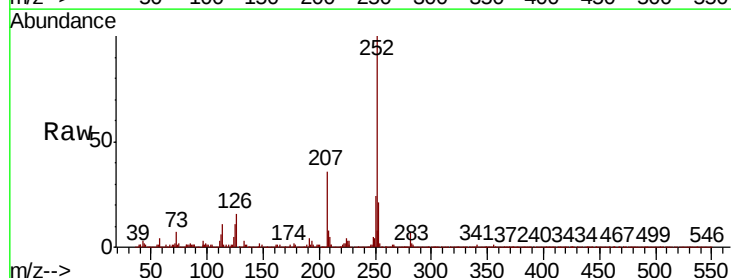
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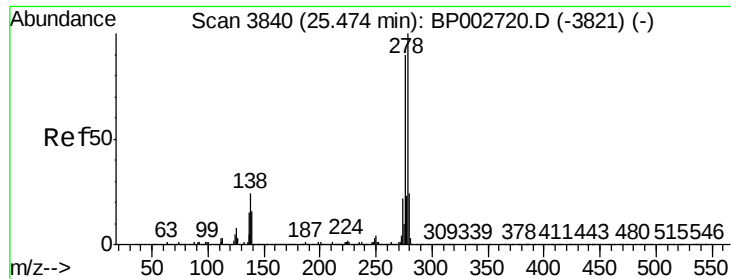
mohammad
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#90
Benzo(a)pyrene
Concen: 4.013 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	11.4	8.6	13.0





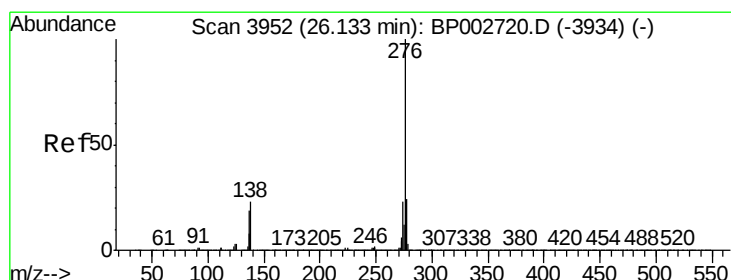
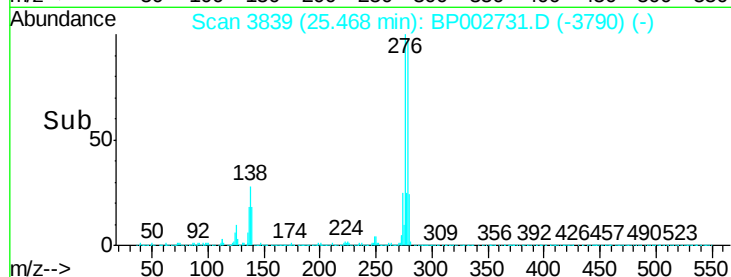
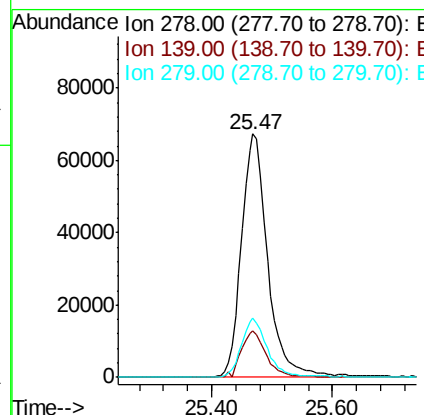
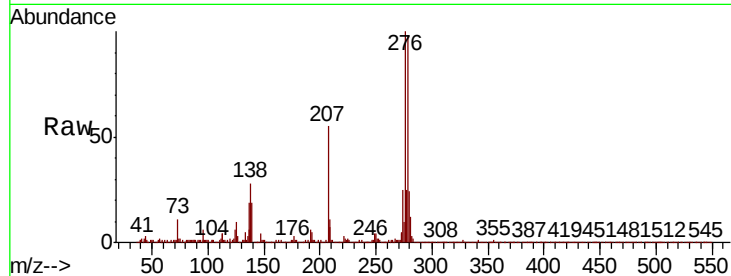
#91
Dibenzo(a,h)anthracene
Concen: 4.300 ng
RT: 25.47 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.1	19.7
279	24.5	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 4.288 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002731.D
Acq: 13 Jul 2020 12:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	24.1	18.3	27.5

