

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
 Data File : BP002407.D
 Acq On : 15 Jun 2020 13:28
 Operator : CG/JU
 Sample : L2182-03
 Misc : MDL-MDL-SOIL 8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Manual Integrations
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mohammad
 6/16/2020 11:07:20 AM

Quant Time: Jun 15 14:18:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	167646	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	666416	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	401343	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	895196	20.00	ng	0.00
76) Chrysene-d12	21.10	240	879402	20.00	ng	0.00
86) Perylene-d12	23.30	264	1007402	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1471763	162.45	ng	0.00
7) Phenol-d6	6.78	99	2034767	168.69	ng	0.00
23) Nitrobenzene-d5	8.73	82	1366663	122.47	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	710131	184.81	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2692917	112.82	ng	0.00
79) Terphenyl-d14	19.59	244	3751886	111.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	34895	8.361	ng	99
3) Pyridine	3.55	79	77096	6.797	ng	97
4) n-Nitrosodimethylamine	3.46	42	38134	8.158	ng	97
6) Aniline	6.93	93	138511	8.443	ng	99
8) 2-Chlorophenol	7.16	128	82859	8.134	ng	99
9) Benzaldehyde	6.74	77	80624	13.082	ng	99
10) Phenol	6.80	94	109996	8.408	ng	96
11) bis(2-Chloroethyl)ether	7.03	93	89671	8.210	ng	98
12) 1,3-Dichlorobenzene	7.48	146	90758	7.737	ng	97
13) 1,4-Dichlorobenzene	7.63	146	95197	8.066	ng	99
14) 1,2-Dichlorobenzene	7.94	146	90844	8.035	ng	98
15) Benzyl Alcohol	7.83	79	69083	7.389	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.13	45	124742	8.049	ng	99
17) 2-Methylphenol	8.04	107	68943	7.212	ng	96
18) Hexachloroethane	8.66	117	33454	7.781	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	67921	8.424	ng	96
20) 3+4-Methylphenols	8.36	107	93206	7.224	ng	99
22) Acetophenone	8.40	105	140050	9.354	ng	97
24) Nitrobenzene	8.77	77	106702	8.895	ng	98
25) Isophorone	9.30	82	190023	8.361	ng	97
26) 2-Nitrophenol	9.49	139	40575	7.591	ng	99
27) 2,4-Dimethylphenol	9.56	122	64219	7.658	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	119687	8.841	ng	99
29) 2,4-Dichlorophenol	10.02	162	72250	7.654	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	87044	8.273	ng	98
31) Naphthalene	10.42	128	269700	8.711	ng	99
32) Benzoic acid	9.64	122	18713m	2.933	ng	
33) 4-Chloroaniline	10.53	127	105807	7.828	ng	99
34) Hexachlorobutadiene	10.72	225	48011	7.819	ng	96
35) Caprolactam	11.26	113	25630	7.698	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	80913	7.922	ng	99
37) 2-Methylnaphthalene	12.04	142	191003	8.692	ng	96
38) 1-Methylnaphthalene	12.26	142	181921	8.820	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	98192	9.281	ng	100

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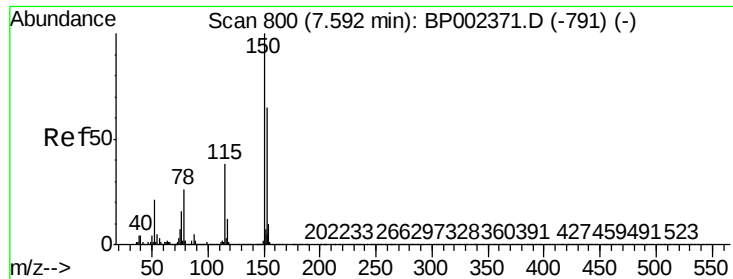
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	39102	6.952	ng	96
43) 2,4,6-Trichlorophenol	12.66	196	57551	7.686	ng	95
44) 2,4,5-Trichlorophenol	12.73	196	62976	7.264	ng	98
46) 1,1'-Biphenyl	13.07	154	258069	9.811	ng	99
47) 2-Chloronaphthalene	13.10	162	187517	8.715	ng	99
48) 2-Nitroaniline	13.31	65	49842	7.257	ng	96
49) Acenaphthylene	13.96	152	300453	8.749	ng	99
50) Dimethylphthalate	13.70	163	236758	8.609	ng	100
51) 2,6-Dinitrotoluene	13.81	165	47602	7.971	ng	88
52) Acenaphthene	14.30	154	181762	9.035	ng	94
53) 3-Nitroaniline	14.15	138	47643	6.986	ng	96
54) 2,4-Dinitrophenol	14.36	184	14234	4.345	ng	90
55) Dibenzofuran	14.65	168	298914	9.229	ng	98
56) 4-Nitrophenol	14.47	139	35011	6.466	ng	95
57) 2,4-Dinitrotoluene	14.61	165	60377	7.427	ng	98
58) Fluorene	15.30	166	229658	9.015	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	53661m	7.797	ng	
60) Diethylphthalate	15.09	149	236648	8.588	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	118174	9.569	ng	95
62) 4-Nitroaniline	15.31	138	47867	7.305	ng	96
63) Azobenzene	15.59	77	254020	9.261	ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	28276	5.986	ng	93
66) n-Nitrosodiphenylamine	15.52	169	205875	9.003	ng	98
67) 4-Bromophenyl-phenylether	16.20	248	68790	8.112	ng	99
68) Hexachlorobenzene	16.31	284	78318	8.703	ng	96
69) Atrazine	16.47	200	74855	10.034	ng	99
70) Pentachlorophenol	16.66	266	35684	6.628	ng	96
71) Phenanthrene	17.04	178	387452	9.252	ng	97
72) Anthracene	17.13	178	378428	9.097	ng	97
73) Carbazole	17.40	167	352105	8.604	ng	99
74) Di-n-butylphthalate	17.99	149	380452	7.856	ng	100
75) Fluoranthene	19.02	202	439554	8.794	ng	97
77) Benzidine	19.21	184	144999	7.379	ng	100
78) Pyrene	19.37	202	479022	8.893	ng	99
80) Butylbenzylphthalate	20.27	149	166744	6.964	ng	99
81) Benzo(a)anthracene	21.09	228	455153	9.067	ng	99
82) 3,3'-Dichlorobenzidine	21.03	252	153511	8.229	ng	99
83) Chrysene	21.14	228	442575	9.306	ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	272439	7.822	ng	98
85) Di-n-octyl phthalate	21.91	149	449061	7.350	ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	514966	8.173	ng	97
88) Benzo(b)fluoranthene	22.64	252	438003	8.062	ng	96
89) Benzo(k)fluoranthene	22.69	252	472620m	9.156	ng	
90) Benzo(a)pyrene	23.20	252	399435	7.846	ng	98
91) Dibenzo(a,h)anthracene	25.53	278	437850	8.663	ng	95
92) Benzo(g,h,i)perylene	26.18	276	438704	8.381	ng	97

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



#1

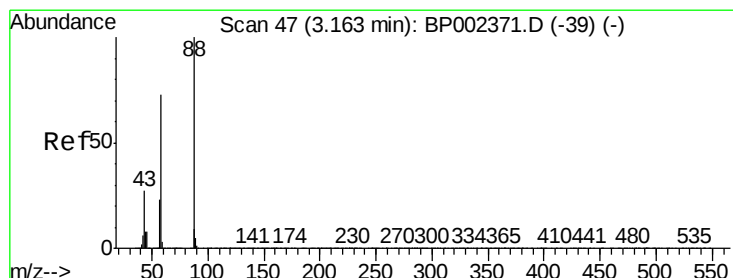
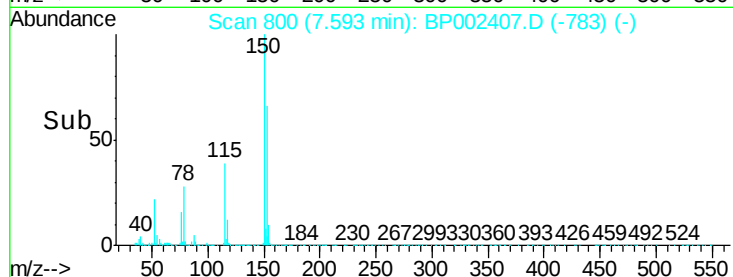
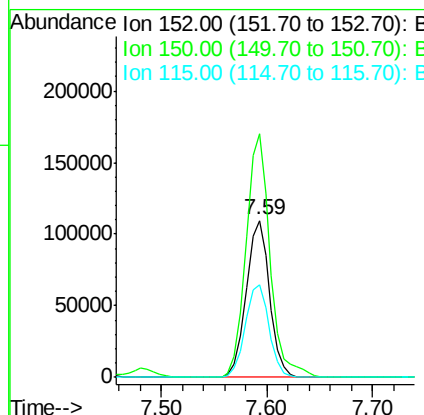
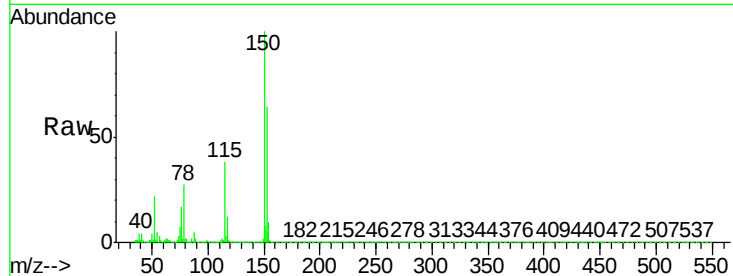
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.0	186.0
115	58.9	47.4	71.0

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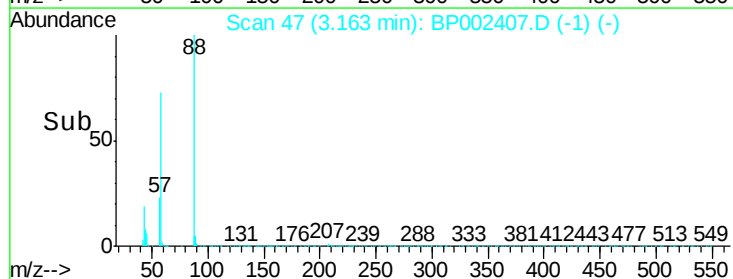
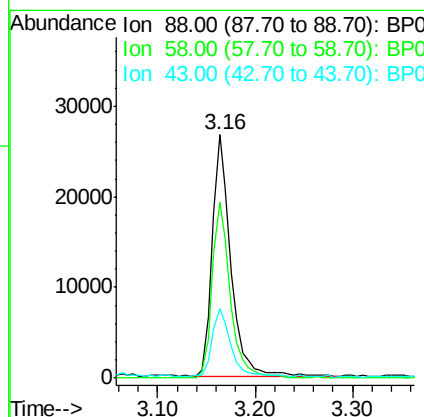
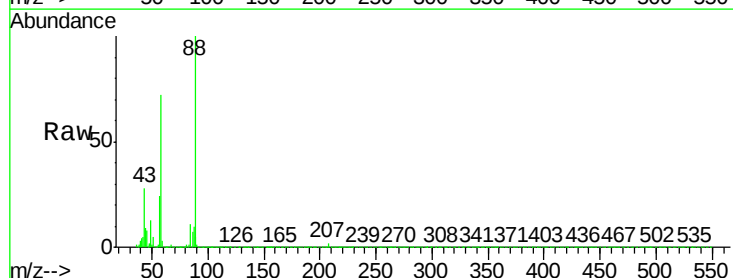
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#2

1,4-Dioxane
Concen: 8.361 ng
RT: 3.16 min Scan# 47
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.2	87.4
43	27.6	21.8	32.8





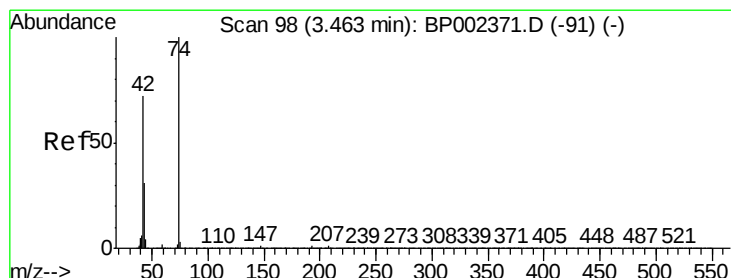
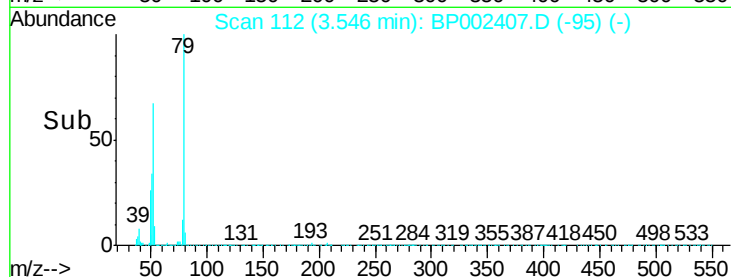
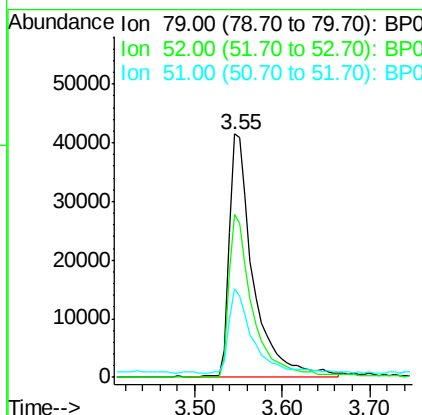
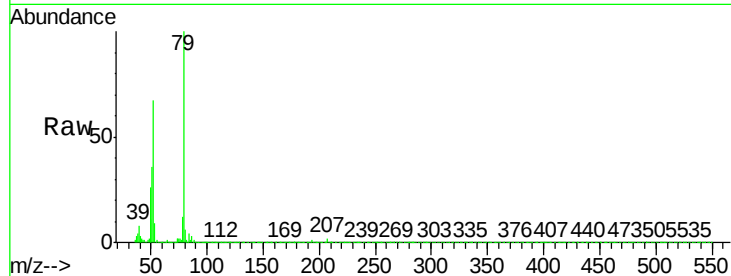
#3
 Pvridine
 Concen: 6.797 ng
 RT: 3.55 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	67.1		52.5	78.7
51	51	36.3		26.1	39.1

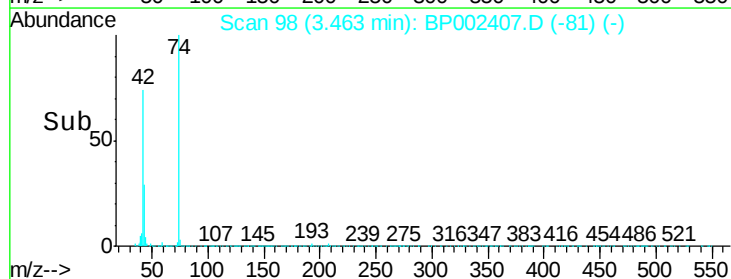
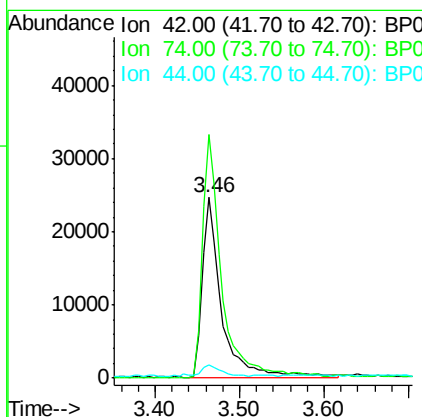
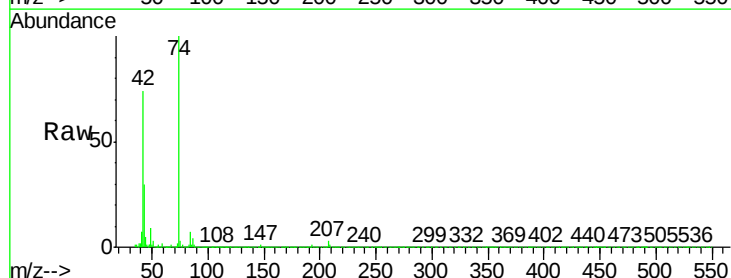
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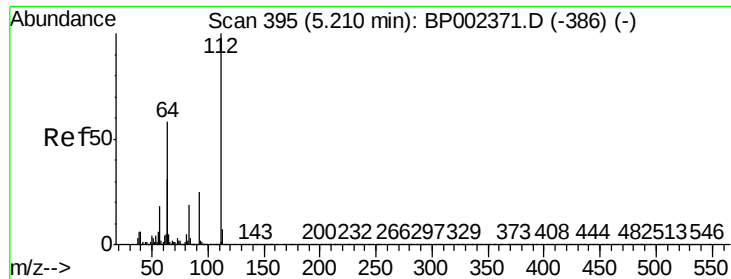
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#4
 n-Nitrosodimethylamine
 Concen: 8.158 ng
 RT: 3.46 min Scan# 98
 Delta R.T. 0.00 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	134.9		111.1	166.7
44	44	7.0		5.4	8.0





#5

2-Fluorophenol

Concen: 162.448 ng

RT: 5.21 min Scan# 395

Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

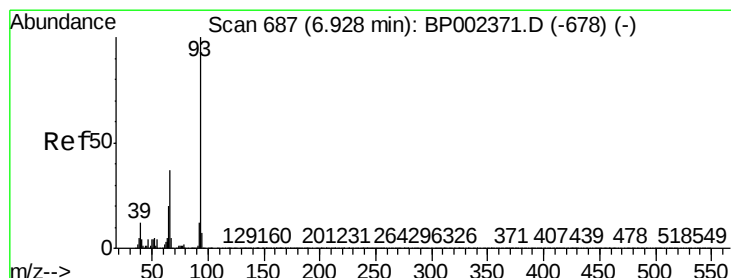
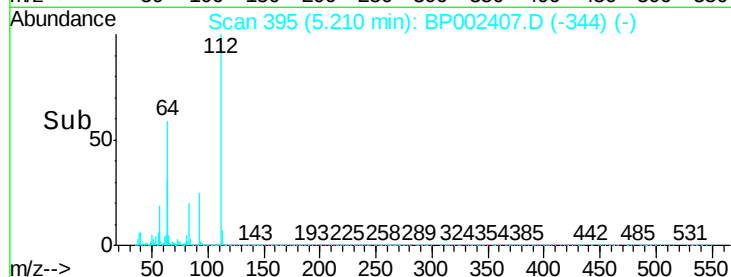
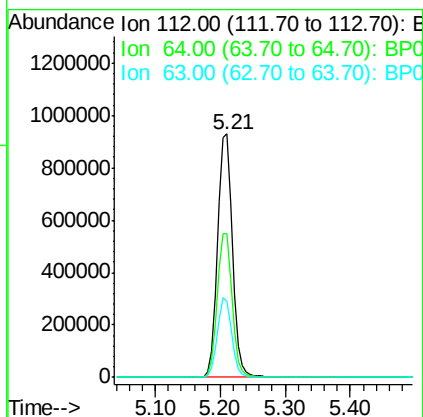
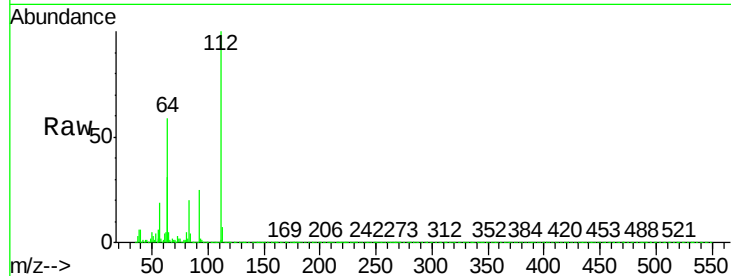
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion:	112	Resp:	1471763
Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.2	69.2
63	31.1	24.5	36.7

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#6

Aniline

Concen: 8.443 ng

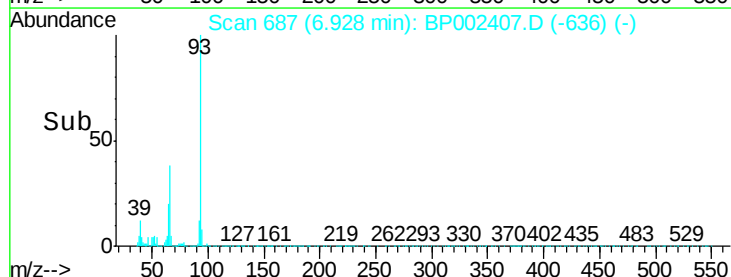
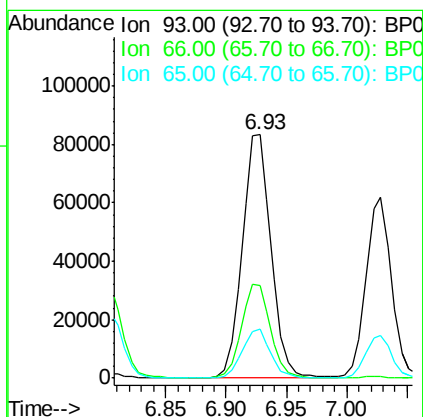
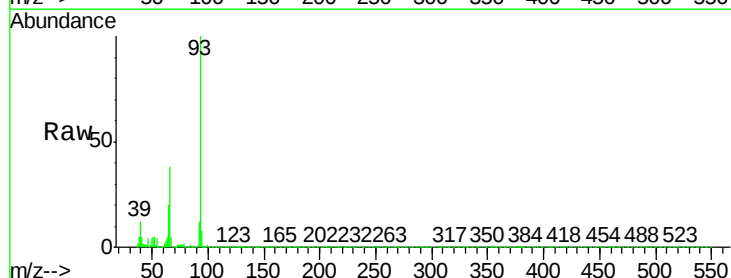
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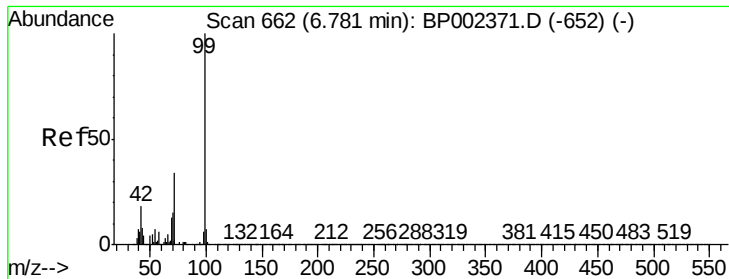
Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Tgt Ion:	93	Resp:	138511
Ion	Ratio	Lower	Upper
93	100		
66	37.8	29.8	44.6
65	20.1	15.7	23.5





#7

Phenol-d6

Concen: 168.688 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion: 99 Resp: 2034767

Ion Ratio Lower Upper

99 100

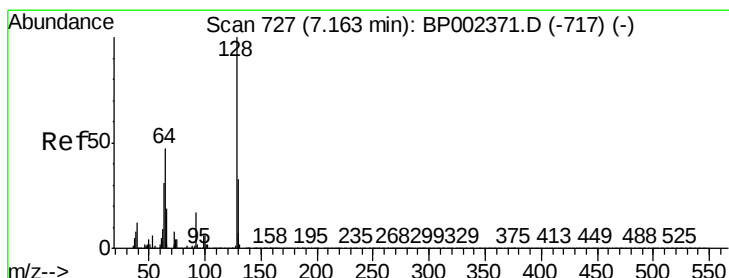
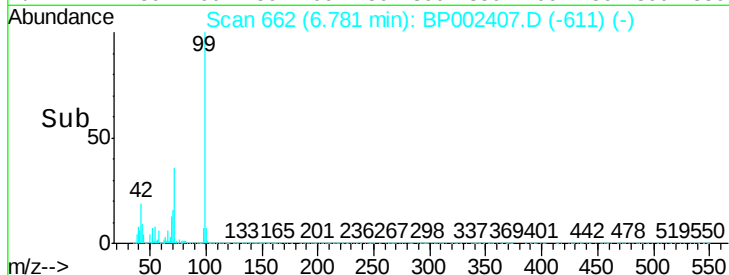
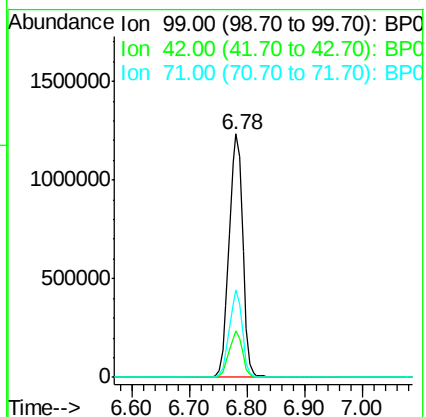
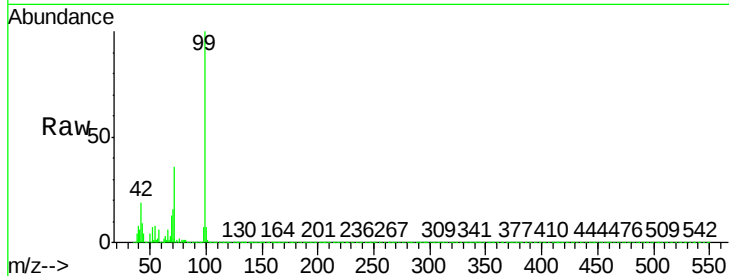
42 19.3 14.6 22.0

71 35.7 27.2 40.8

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#8

2-Chlorophenol

Concen: 8.134 ng

RT: 7.16 min Scan# 727

Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

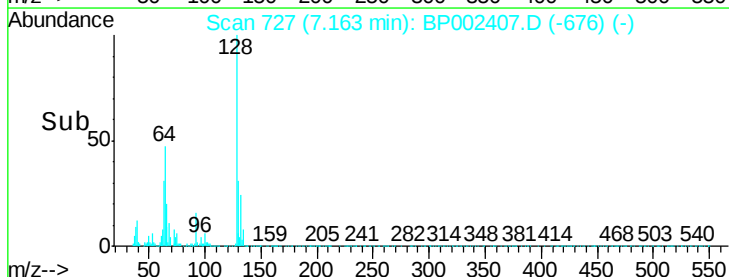
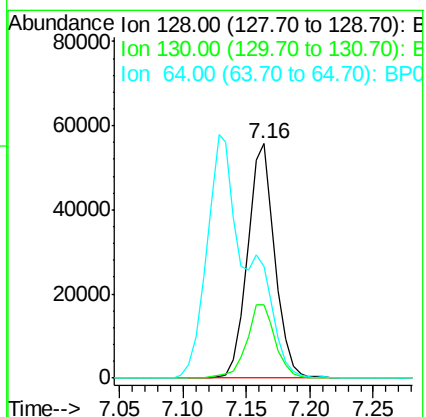
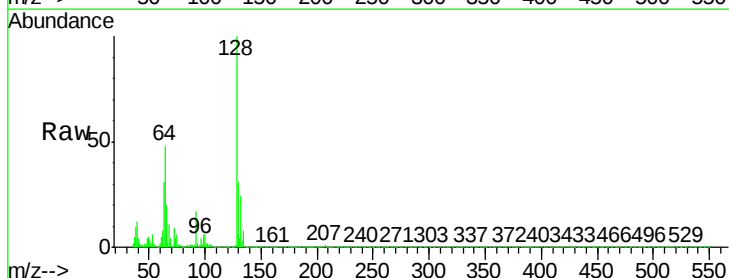
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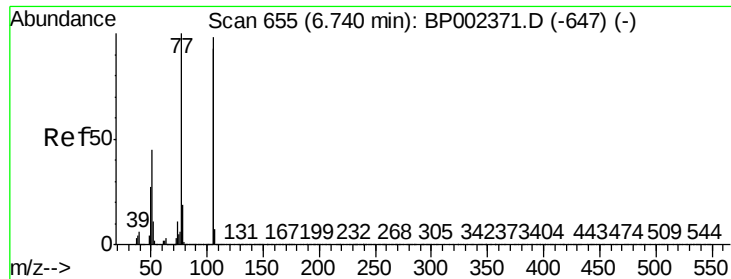
Ion Ratio Lower Upper

128 100

130 31.4 12.5 52.5

64 47.6 27.7 67.7





#9

Benzaldehyde

Concen: 13.082 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

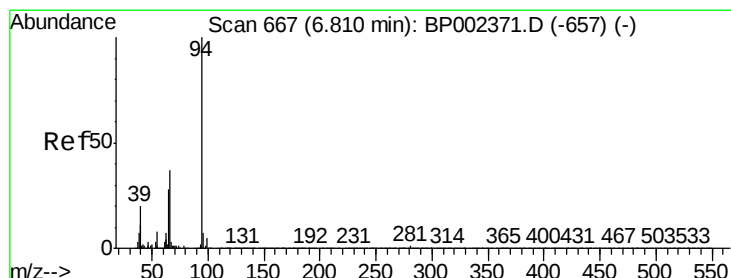
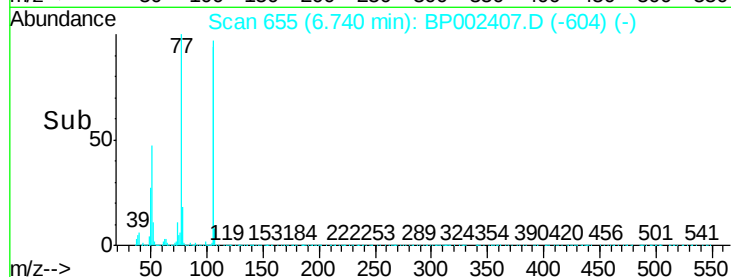
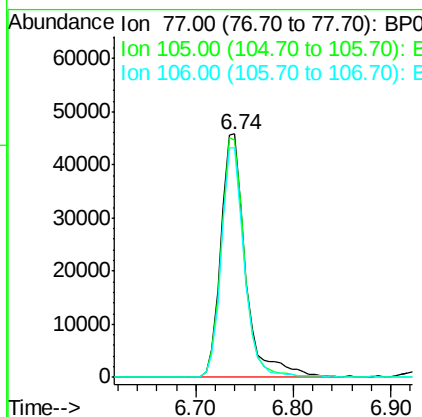
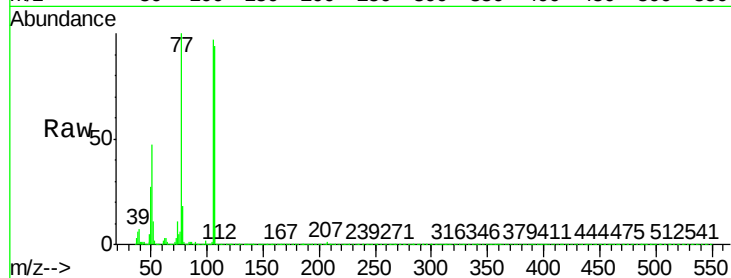
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	97.3	78.1	118.1	
106	94.3	73.2	113.2	

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#10

Phenol

Concen: 8.408 ng

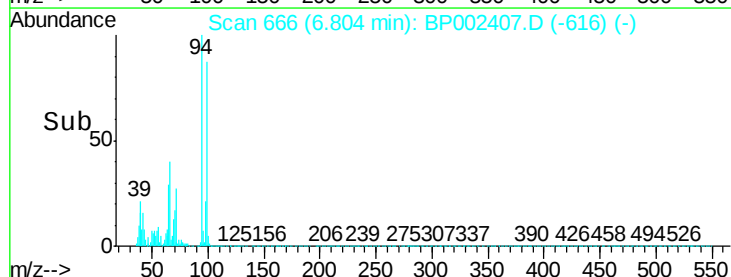
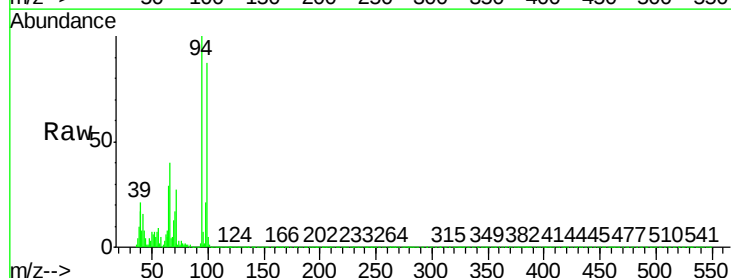
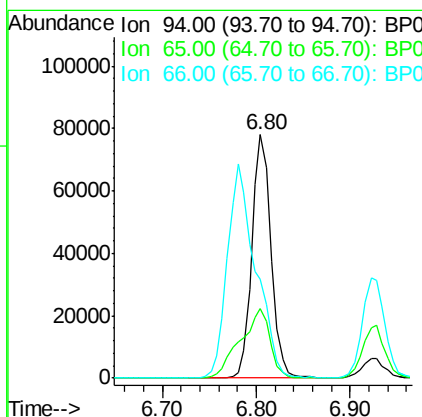
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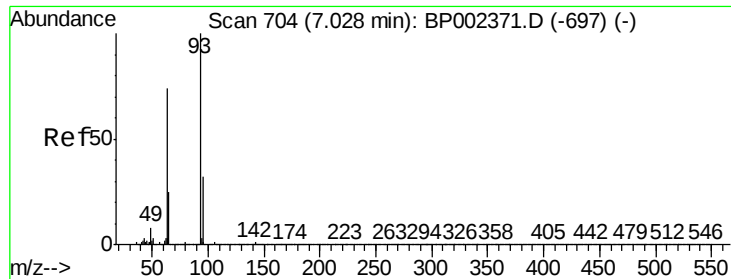
Delta R.T. -0.01 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.7	7.7	47.7	
66	40.5	16.9	56.9	





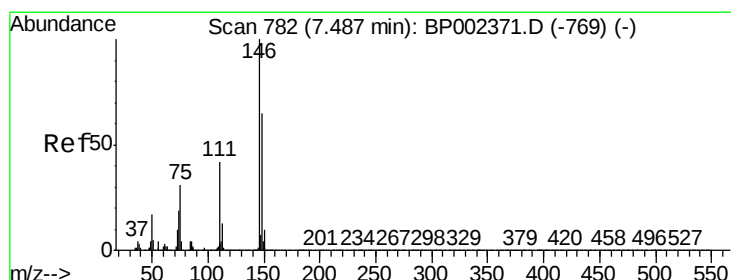
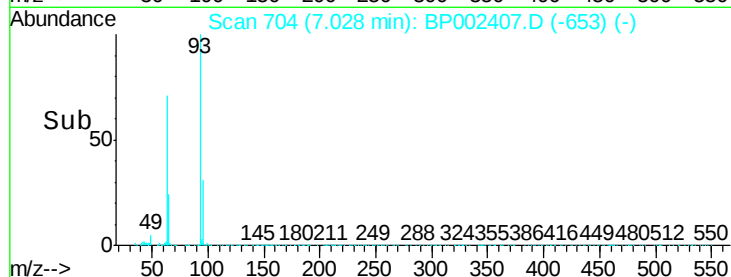
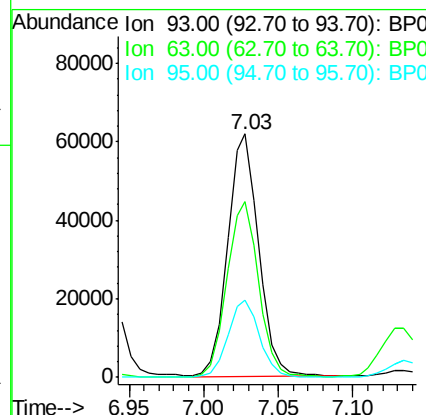
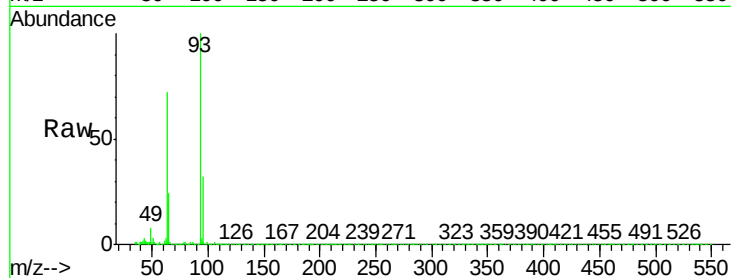
#11
bis(2-Chloroethyl)ether
Concen: 8.210 ng
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		89671		
63	72.4	54.2	94.2		
95	31.5	11.8	51.8		

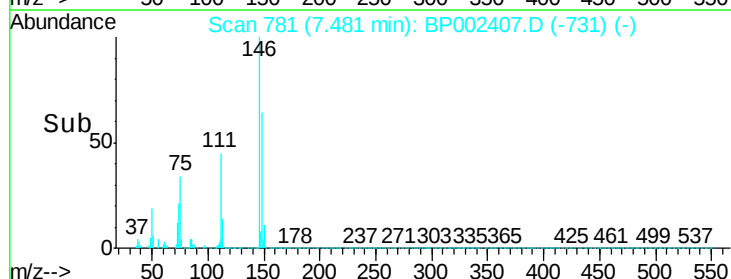
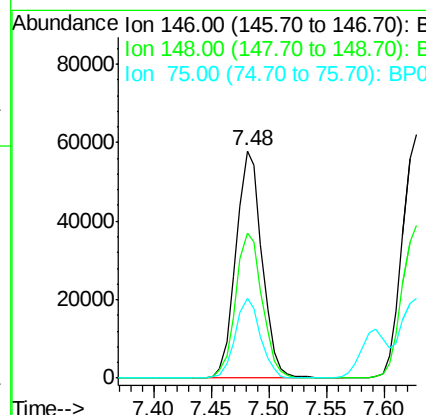
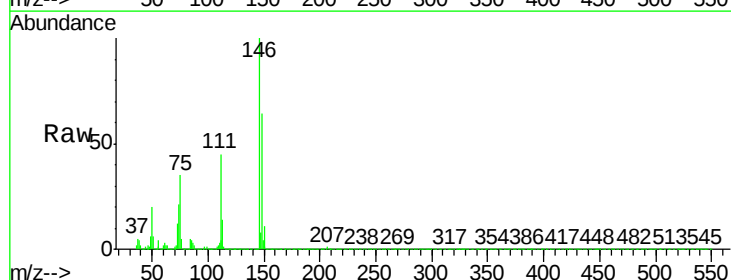
Manual Integrations
APPROVED

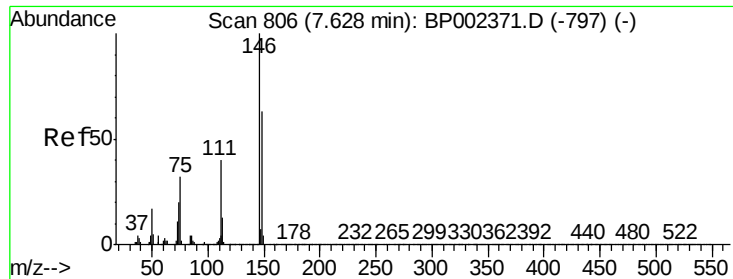
mohammad
6/16/2020 11:07:20 AM



#12
1,3-Dichlorobenzene
Concen: 7.737 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		90758		
148	63.7	51.6	77.4		
75	35.0	25.0	37.4		





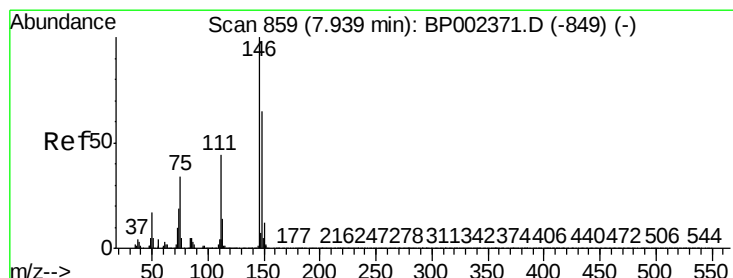
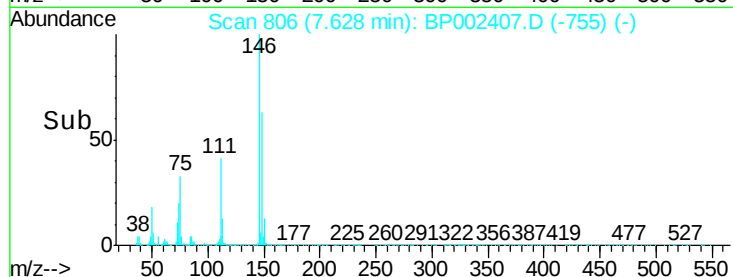
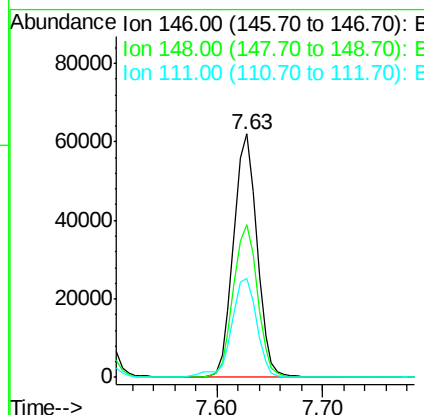
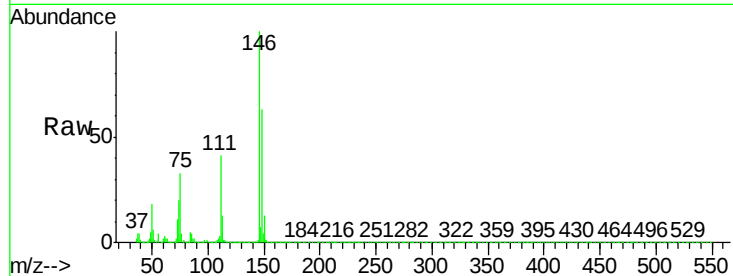
#13
1,4-Dichlorobenzene
Concen: 8.066 ng
RT: 7.63 min Scan# 806
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	40.6	32.2	48.2

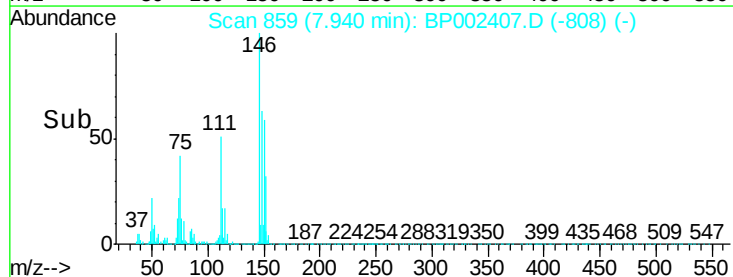
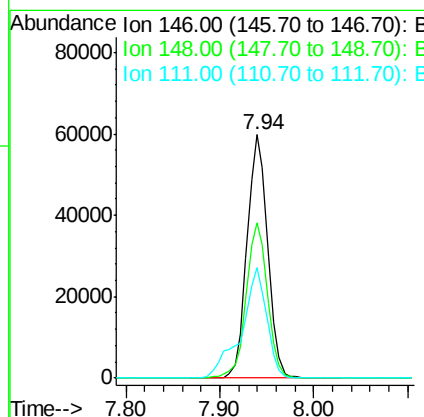
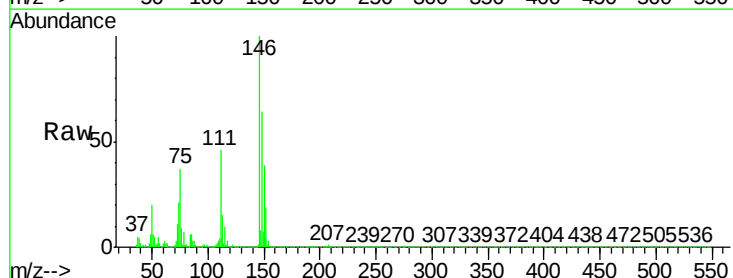
Manual Integrations
APPROVED

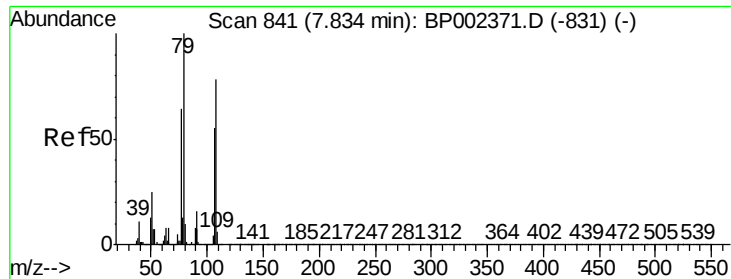
mohammad
6/16/2020 11:07:20 AM



#14
1,2-Dichlorobenzene
Concen: 8.035 ng
RT: 7.94 min Scan# 859
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	45.5	35.4	53.2





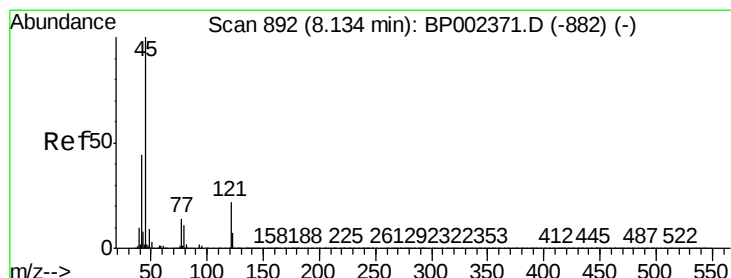
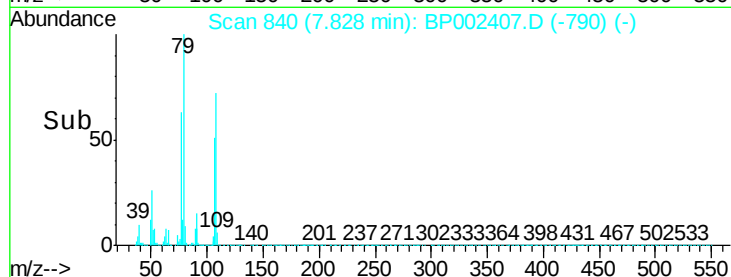
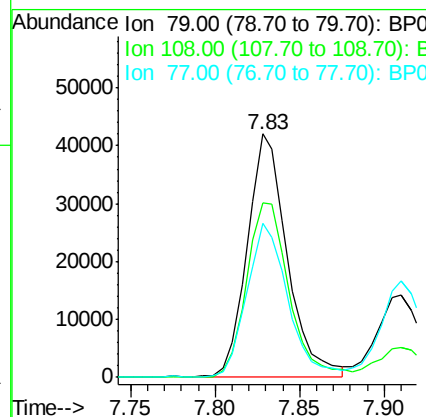
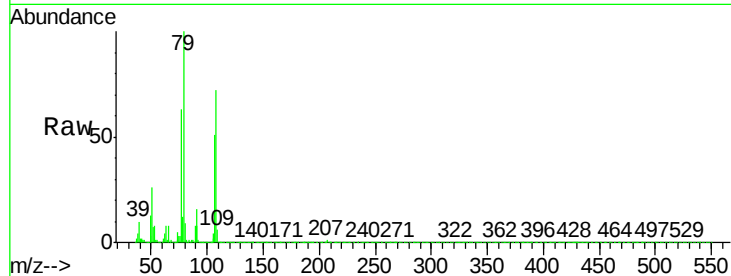
#15
Benzyl Alcohol
Concen: 7.389 ng
RT: 7.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	62.6	94.0
77	63.4	51.5	77.3

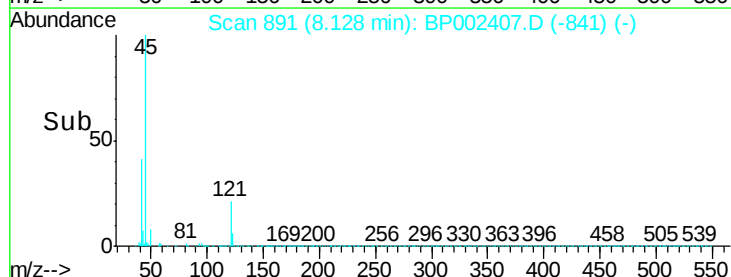
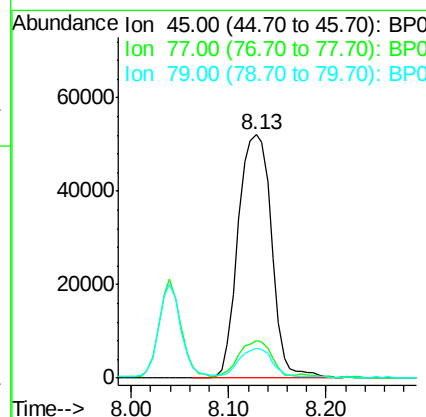
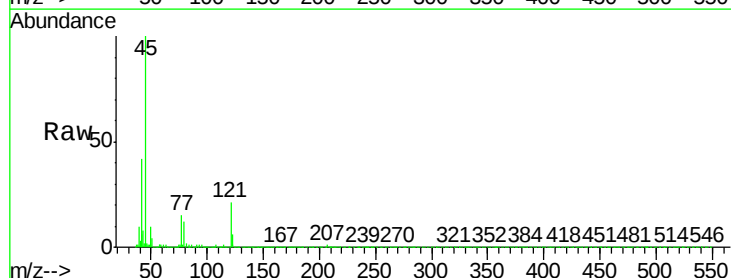
Manual Integrations
APPROVED

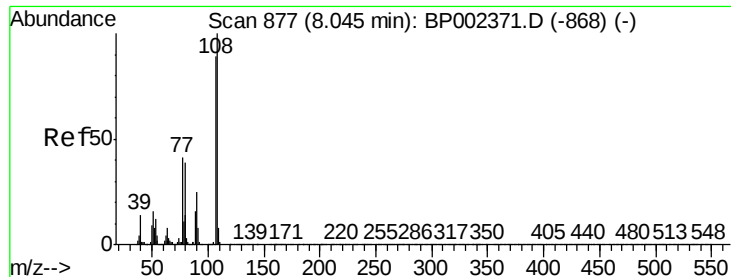
mohammad
6/16/2020 11:07:20 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.049 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.0
79	12.1	0.0	32.0





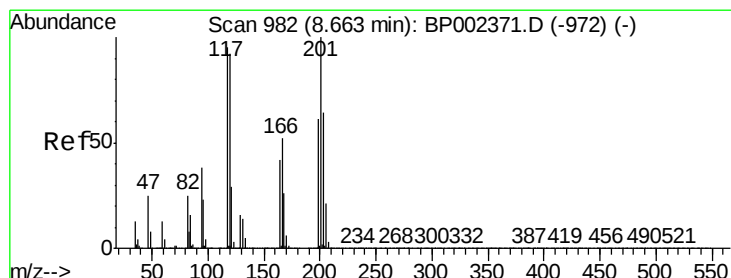
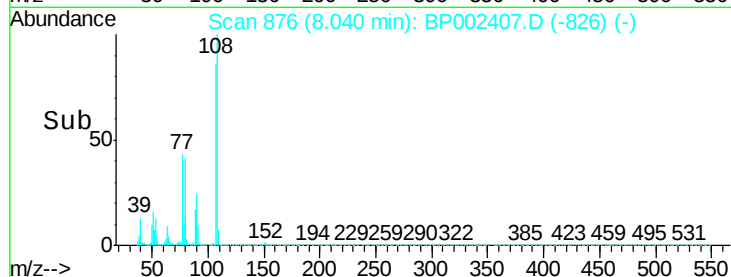
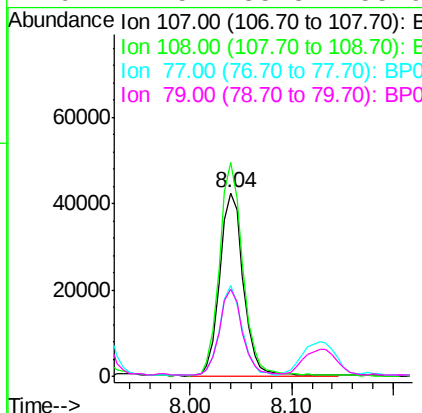
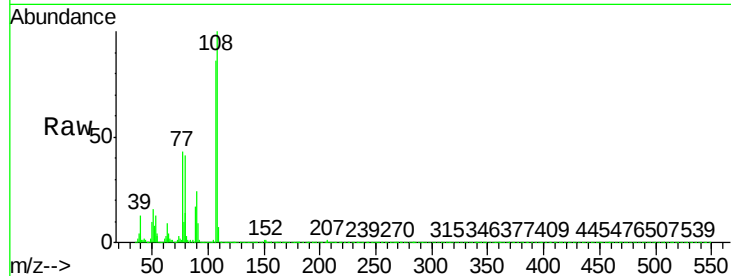
#17
2-Methylphenol
Concen: 7.212 ng
RT: 8.04 min Scan# 876
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:	107	Resp:	68943
Ion Ratio	Lower	Upper	
107	100		
108	116.6	90.3	135.5
77	49.9	37.1	55.7
79	47.5	35.8	53.6

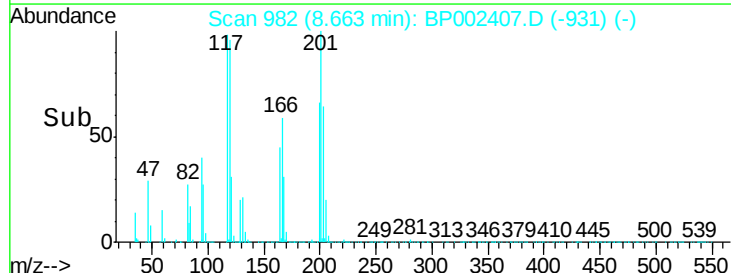
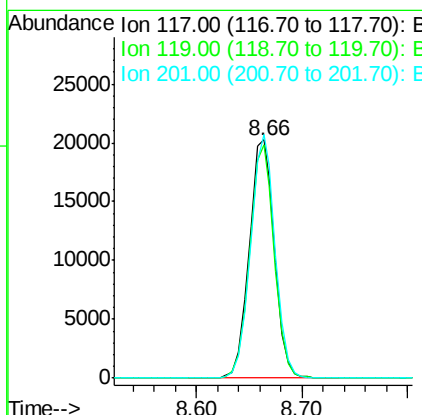
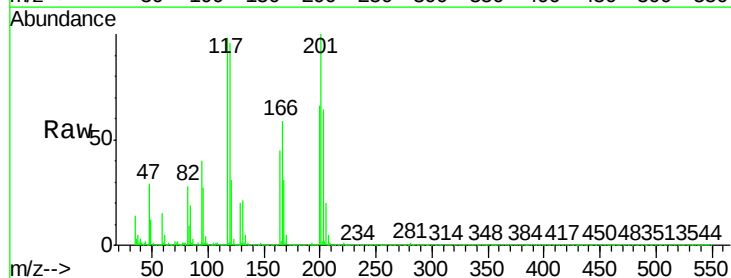
Manual Integrations
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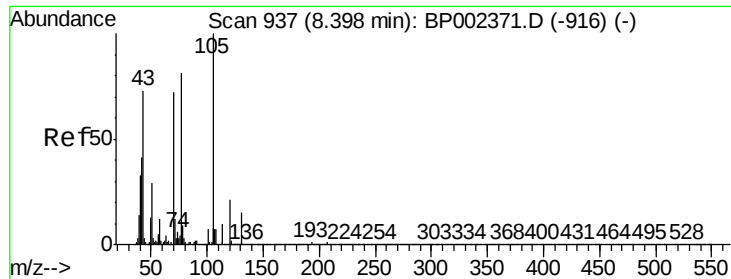
mohammad
6/16/2020 11:07:20 AM



#18
Hexachloroethane
Concen: 7.781 ng
RT: 8.66 min Scan# 982
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion:	117	Resp:	33454
Ion Ratio	Lower	Upper	
117	100		
119	98.0	77.8	116.8
201	102.2	84.2	126.4





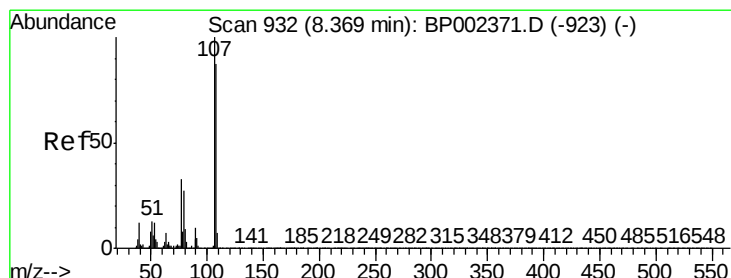
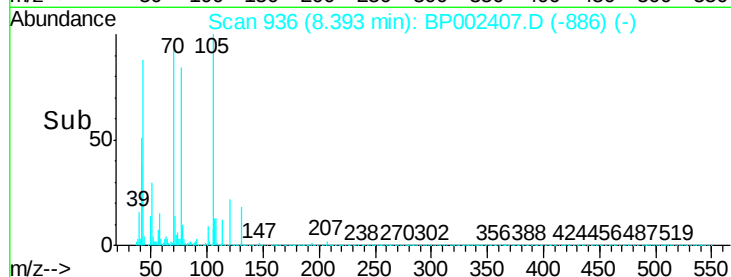
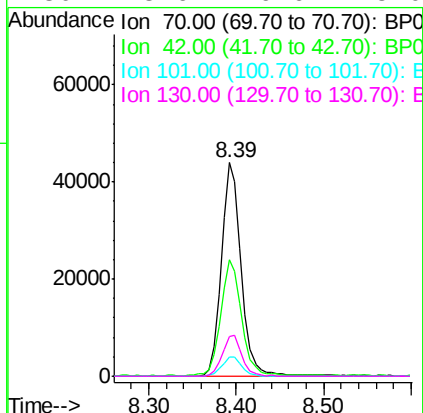
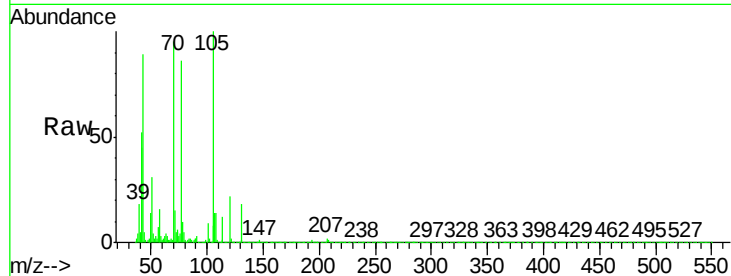
#19
n-Nitroso-di-n-propylamine
Concen: 8.424 ng
RT: 8.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	45.7	68.5
101	9.0	7.5	11.3
130	18.6	16.6	25.0

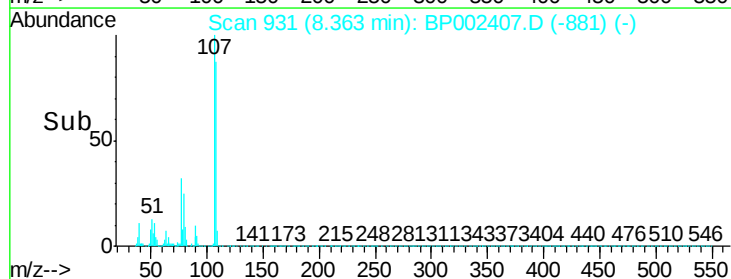
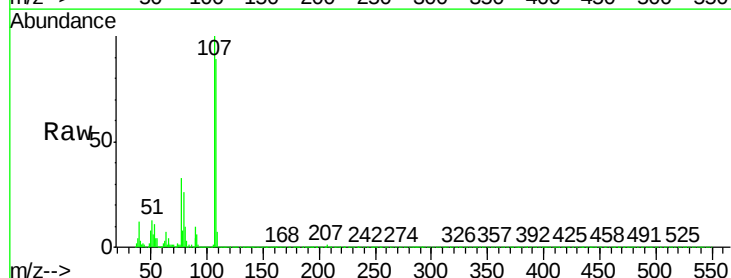
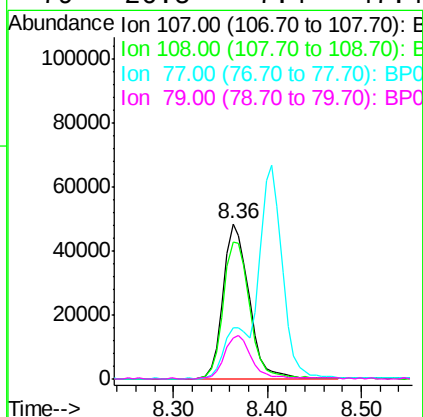
Manual Integrations
APPROVED

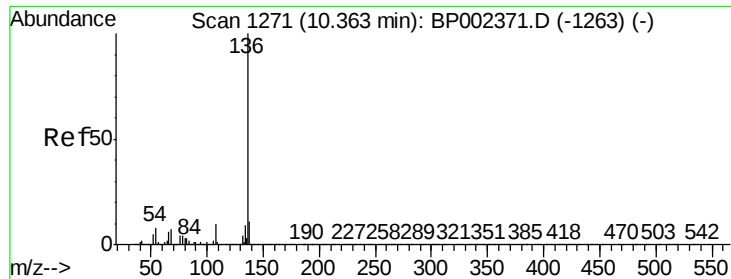
mohammad
6/16/2020 11:07:20 AM



#20
3+4-Methylphenols
Concen: 7.224 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.5	107.5
77	32.9	13.5	53.5
79	26.5	7.4	47.4





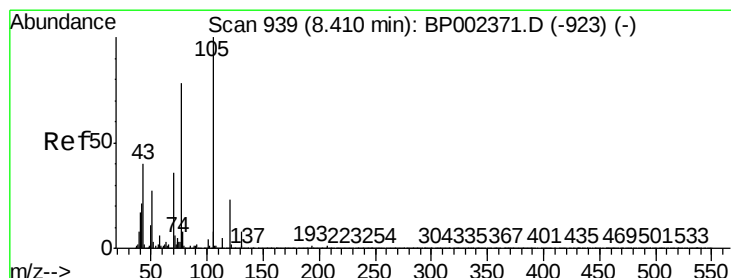
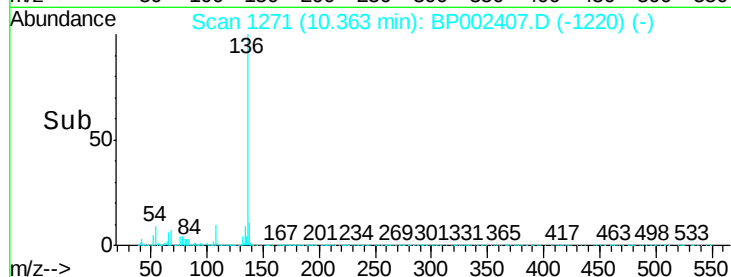
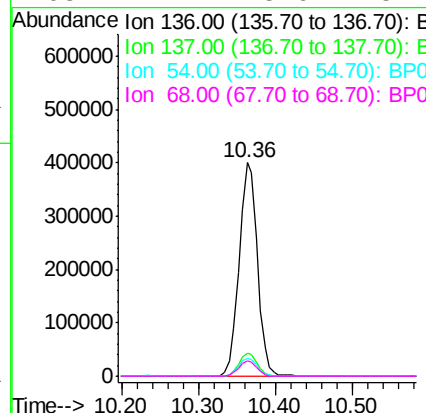
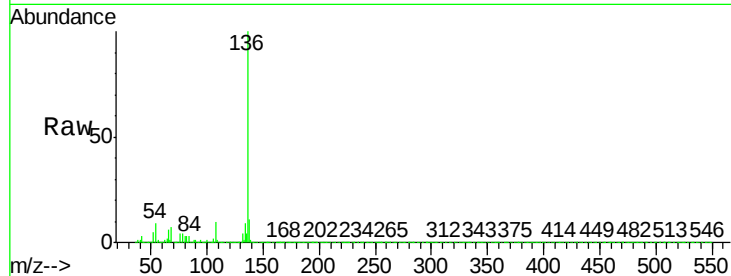
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	666416		
137	11.0	8.8	13.2	
54	8.7	6.4	9.6	
68	7.2	5.6	8.4	

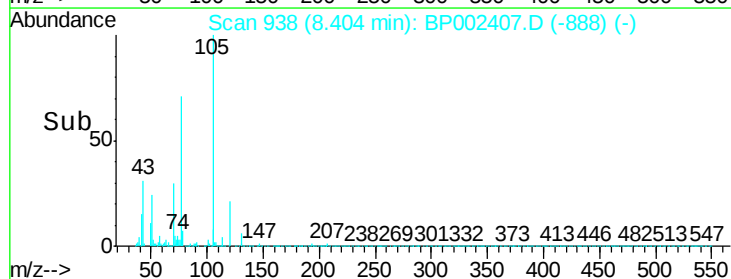
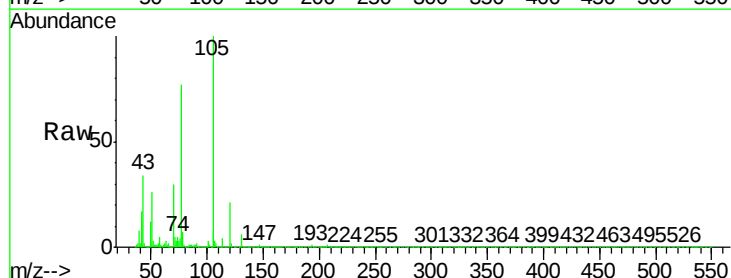
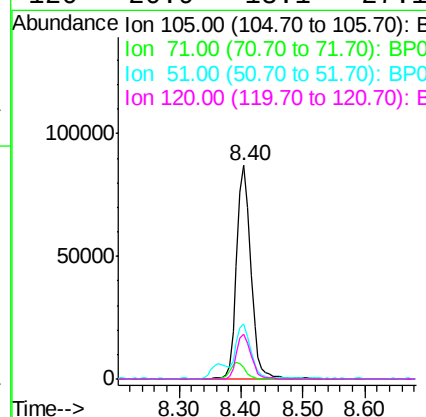
Manual Integrations
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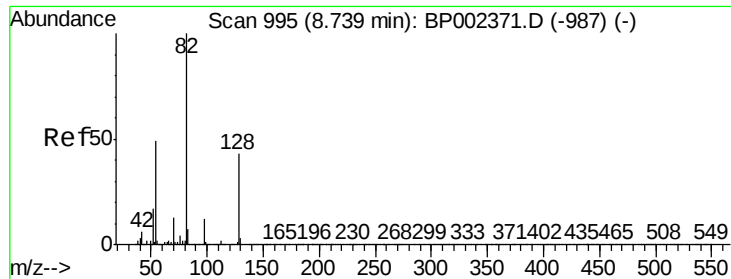
mohammad
6/16/2020 11:07:20 AM



#22
Acetophenone
Concen: 9.354 ng
RT: 8.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140050		
71	5.2	4.7	7.1	
51	25.7	21.4	32.0	
120	20.9	18.1	27.1	





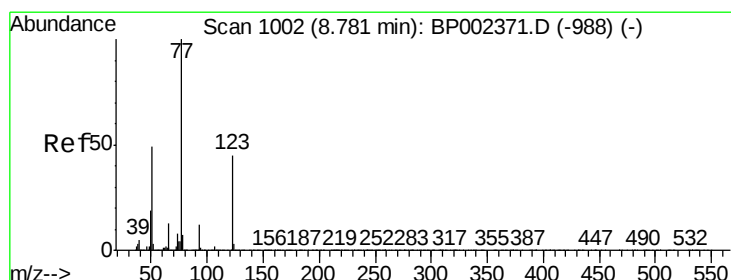
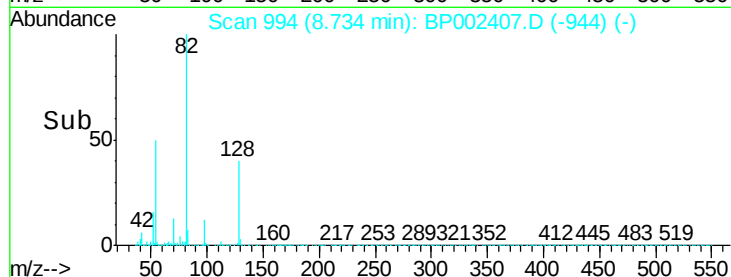
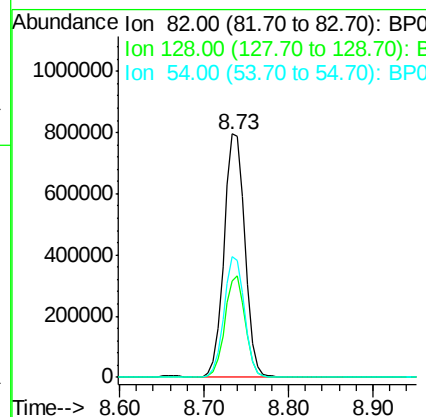
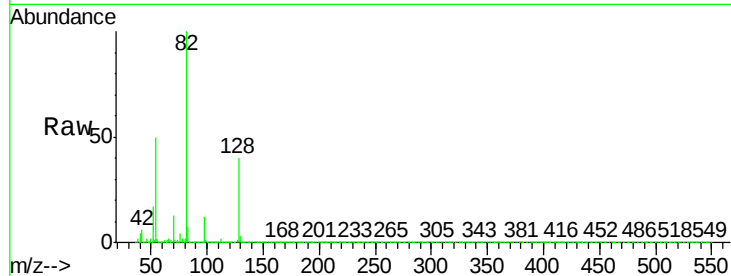
#23
Nitrobenzene-d5
Concen: 122.470 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.5	51.7
54	49.7	39.4	59.2

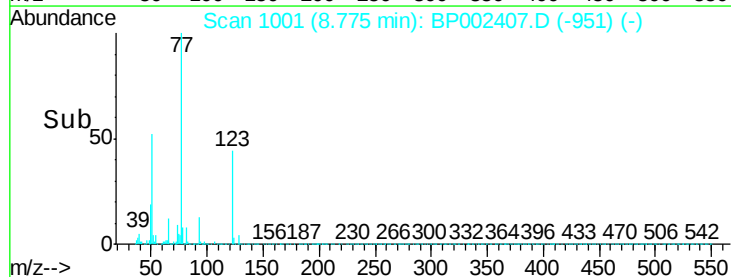
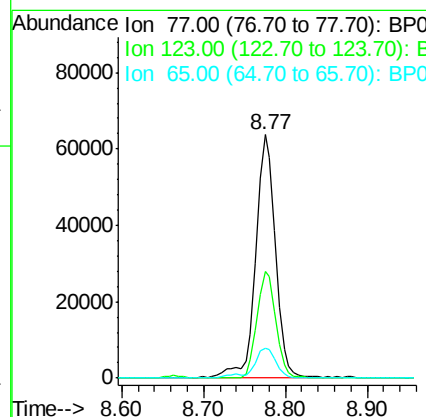
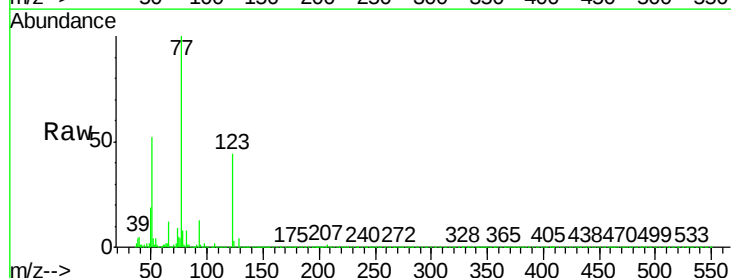
Manual Integrations
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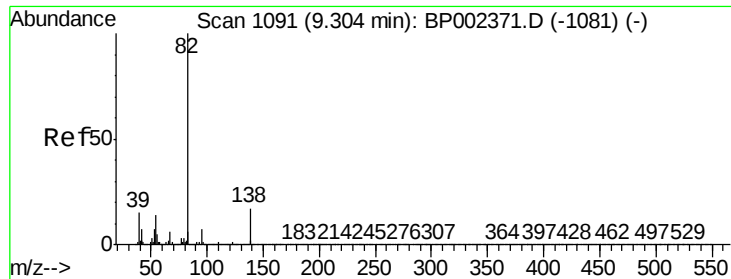
mohammad
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#24
Nitrobenzene
Concen: 8.895 ng
RT: 8.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.8	53.8
65	12.4	10.5	15.7





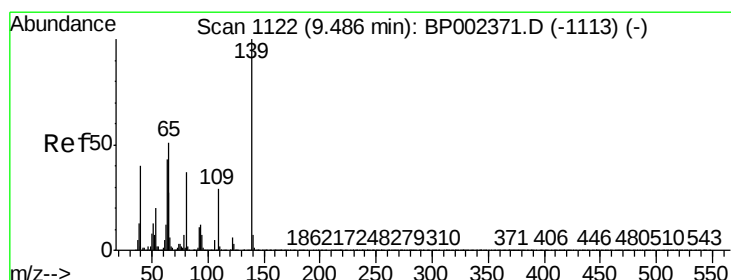
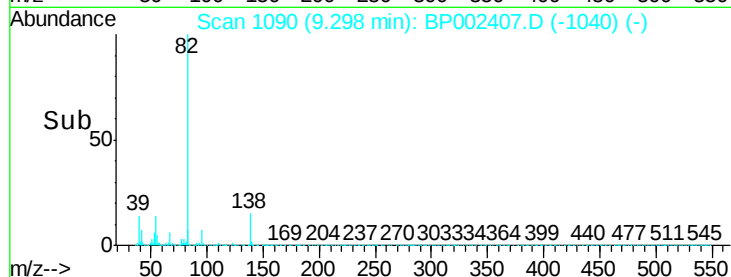
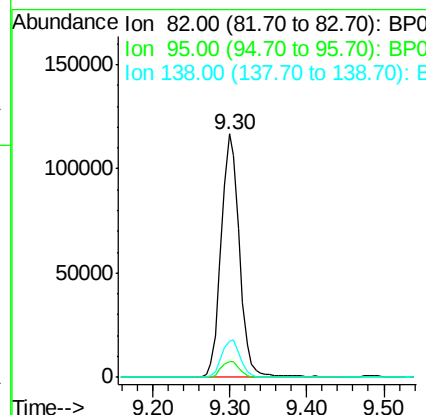
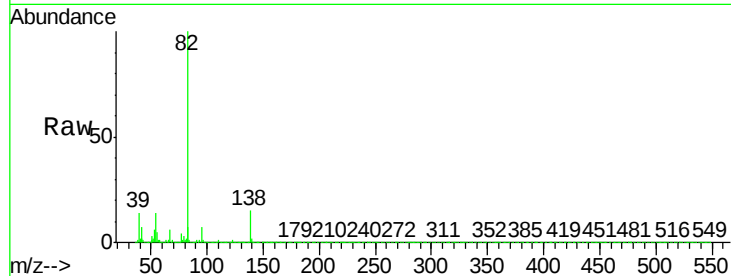
#25
Isophorone
Concen: 8.361 ng
RT: 9.30 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	190023		
95	6.6		5.4	8.2
138	15.1		13.4	20.0

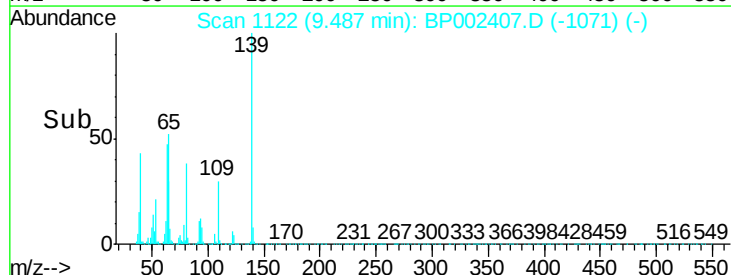
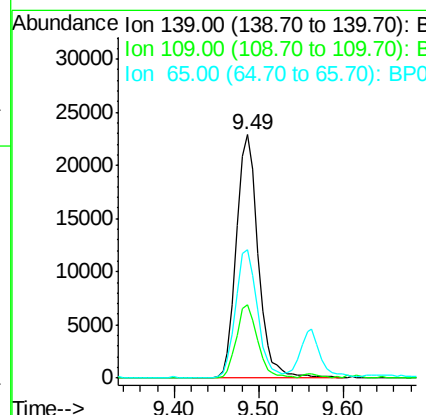
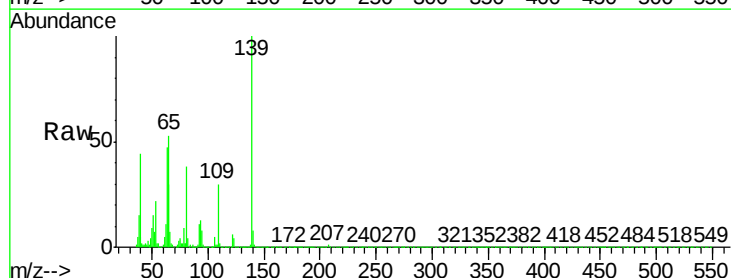
Manual Integrations
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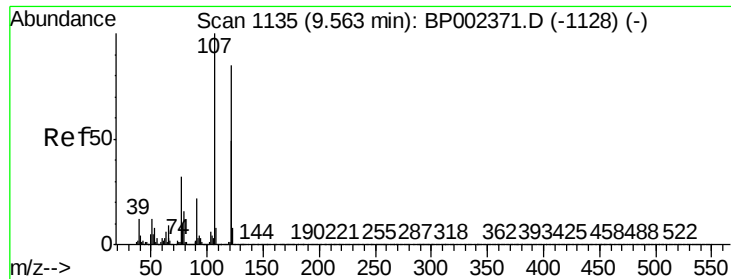
mohammad
6/16/2020 11:07:20 AM



#26
2-Nitrophenol
Concen: 7.591 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	40575		
109	29.9		23.4	35.2
65	52.5		41.1	61.7





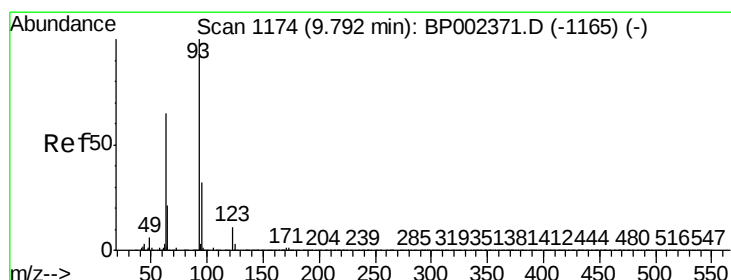
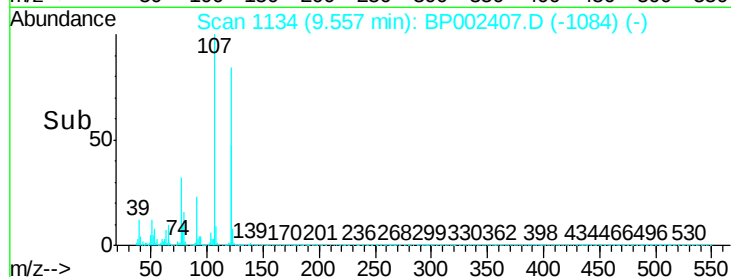
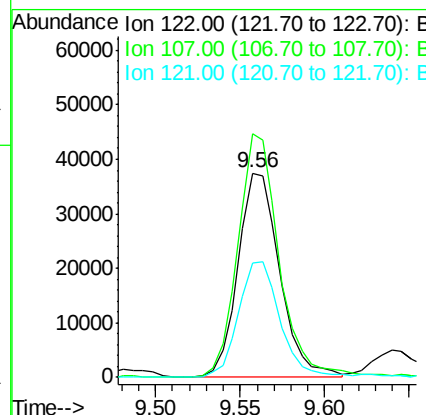
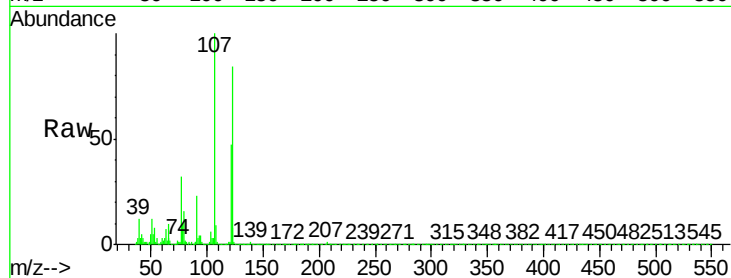
#27
2,4-Dimethylphenol
Concen: 7.658 ng
RT: 9.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	94.0	141.0
121	55.8	46.4	69.6

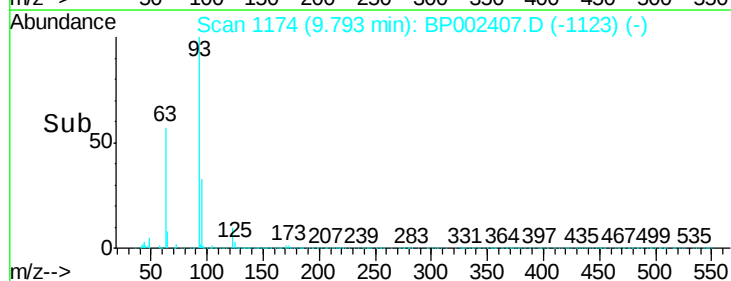
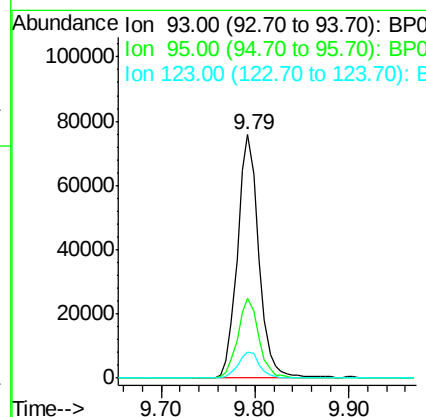
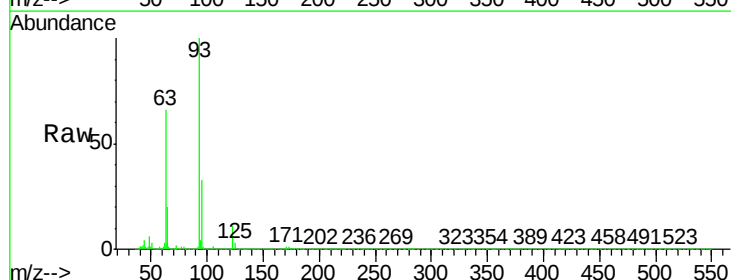
Manual Integrations
APPROVED

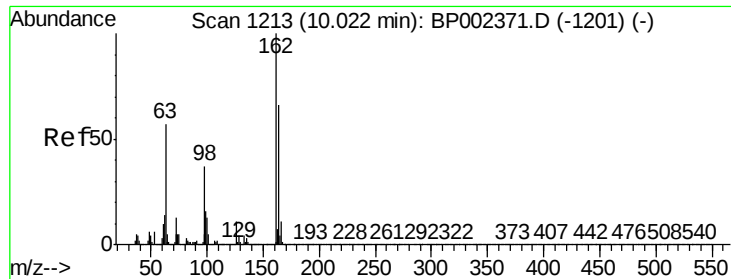
mohammad
6/16/2020 11:07:20 AM



#28
bis(2-Chloroethoxy)methane
Concen: 8.841 ng
RT: 9.79 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.8
123	10.9	8.7	13.1





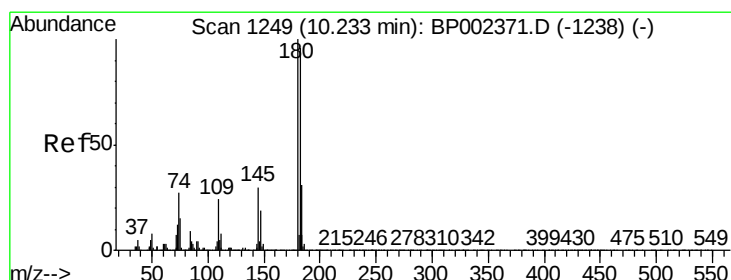
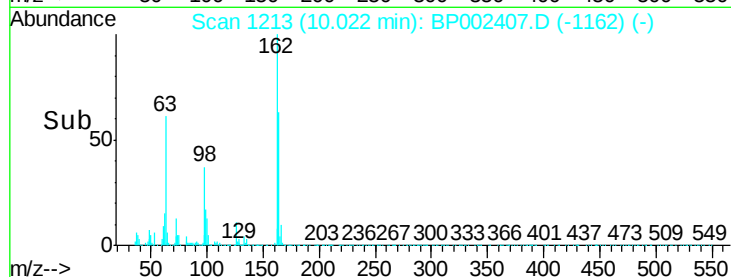
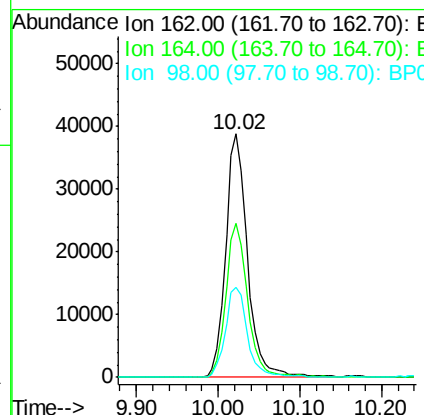
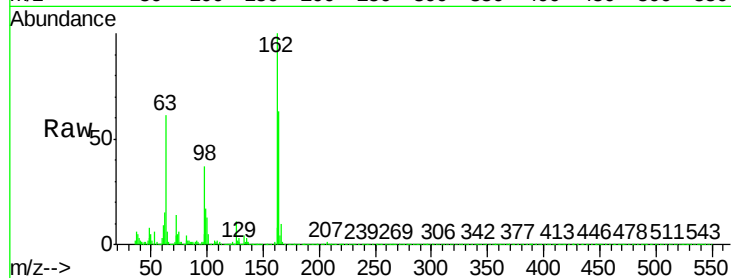
#29
2,4-Dichlorophenol
Concen: 7.654 ng
RT: 10.02 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	72250		
164	63.1	45.5	85.5	
98	37.1	16.6	56.6	

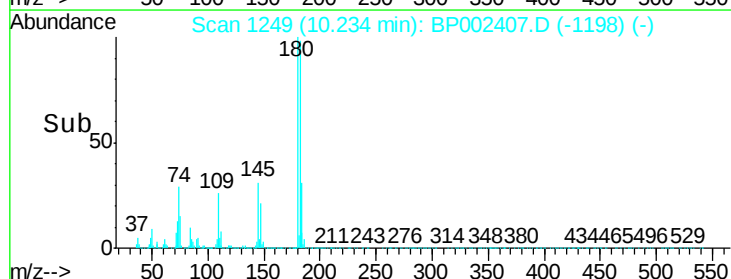
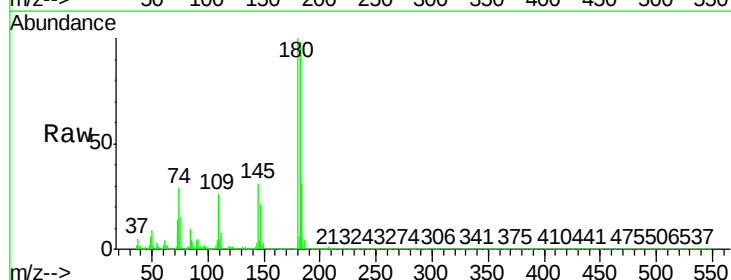
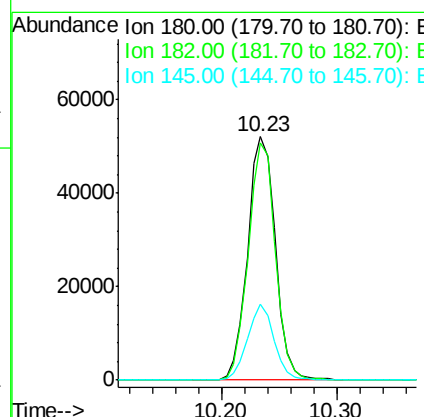
Manual Integrations
APPROVED

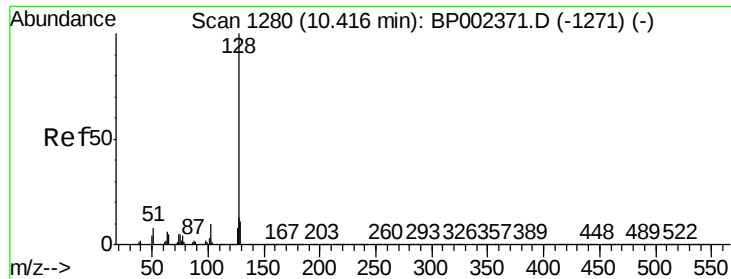
mohammad
6/16/2020 11:07:20 AM



#30
1,2,4-Trichlorobenzene
Concen: 8.273 ng
RT: 10.23 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87044		
182	97.6	77.1	115.7	
145	31.3	23.8	35.6	





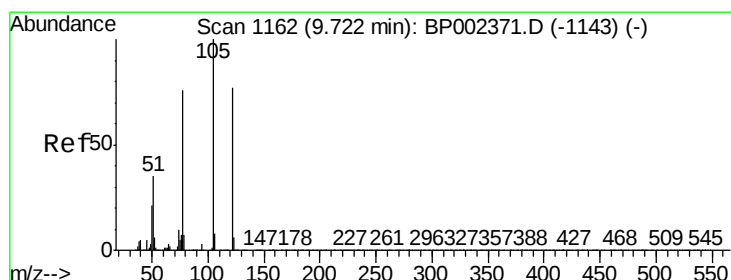
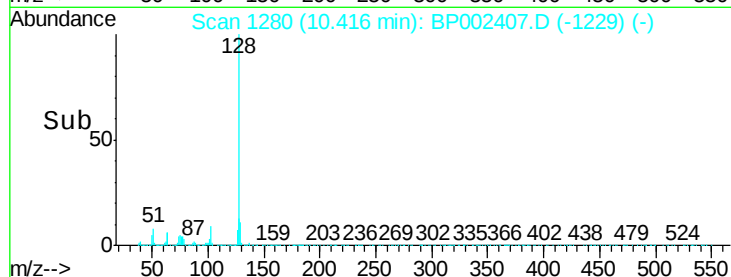
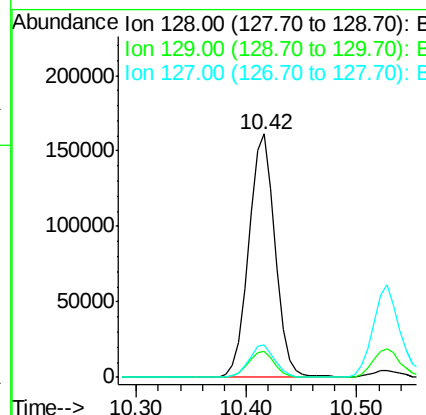
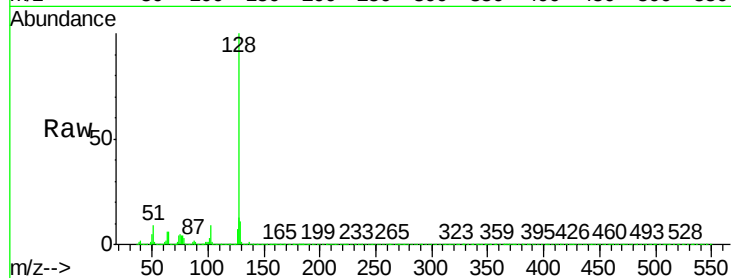
#31
Naphthalene
Concen: 8.711 ng
RT: 10.42 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.5	10.3	15.5

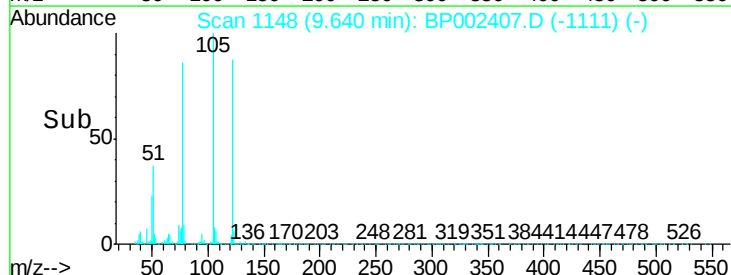
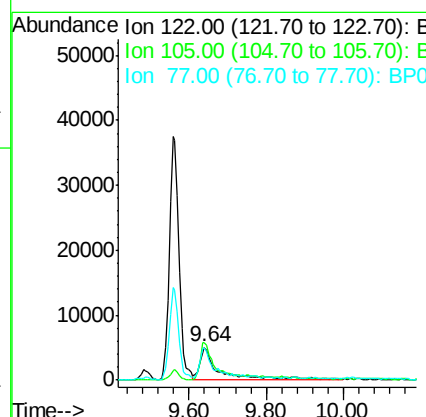
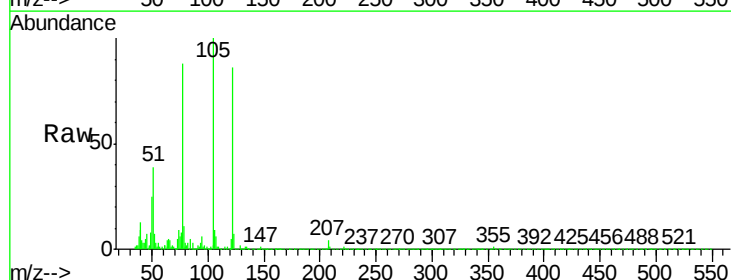
Manual Integrations
APPROVED

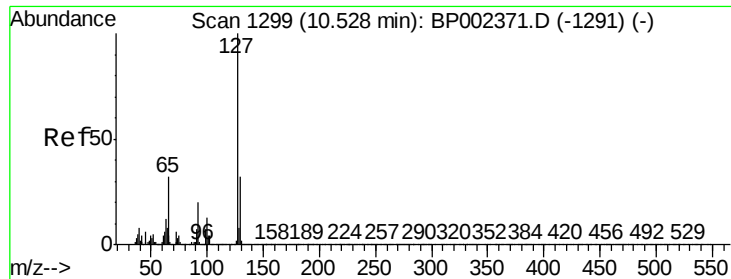
mohammad
6/16/2020 11:07:20 AM



#32
Benzoic acid
Concen: 2.933 ng m
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	115.7	106.3	146.3
77	101.7	77.5	117.5





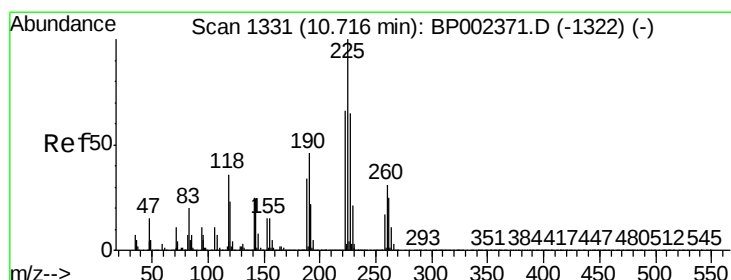
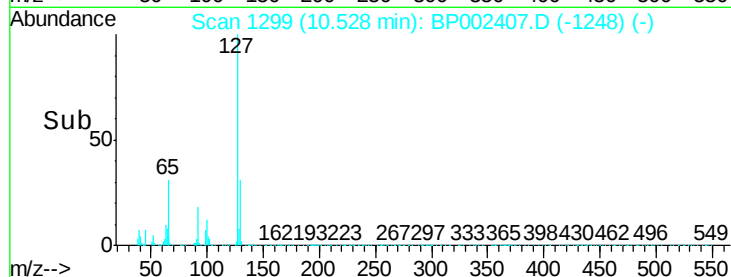
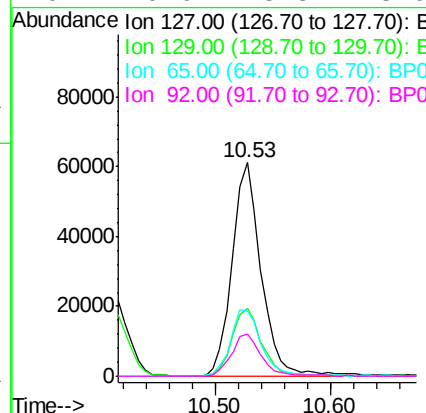
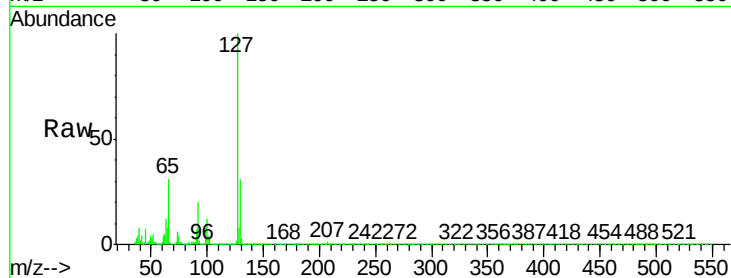
#33
4-Chloroaniline
Concen: 7.828 ng
RT: 10.53 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.4	38.2	
65	30.8	25.3	37.9	
92	19.6	15.8	23.6	

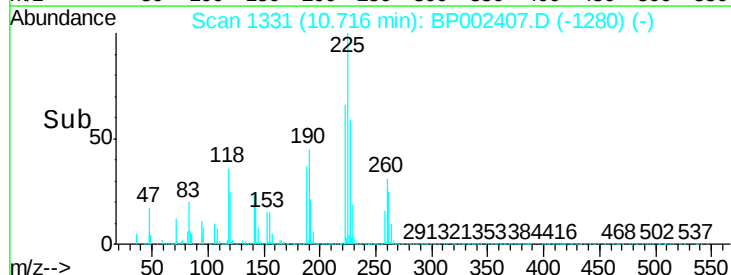
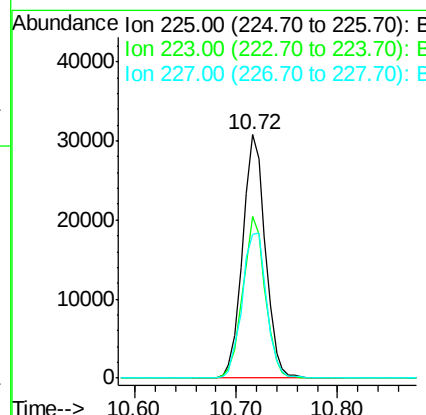
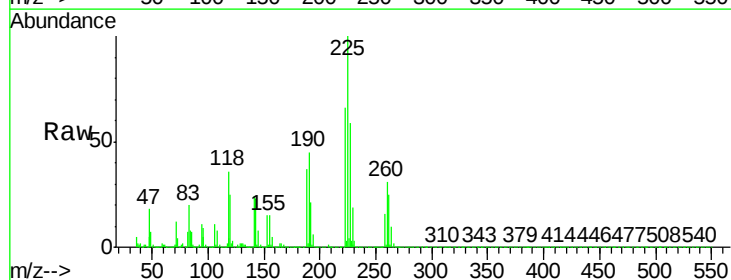
Manual Integrations
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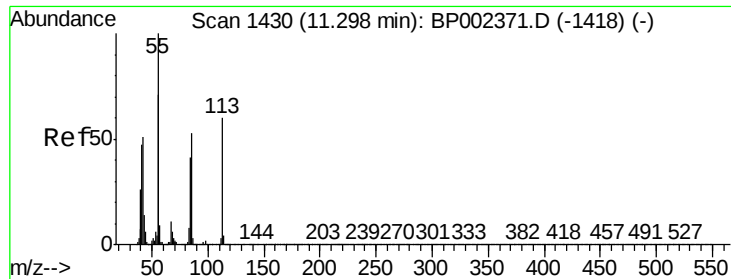
mohammad
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#34
Hexachlorobutadiene
Concen: 7.819 ng
RT: 10.72 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.5	52.6	78.8	
227	58.8	52.2	78.2	





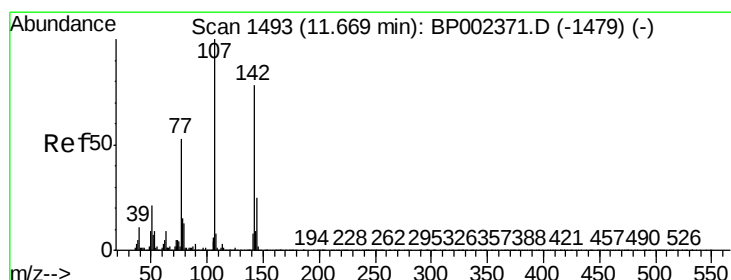
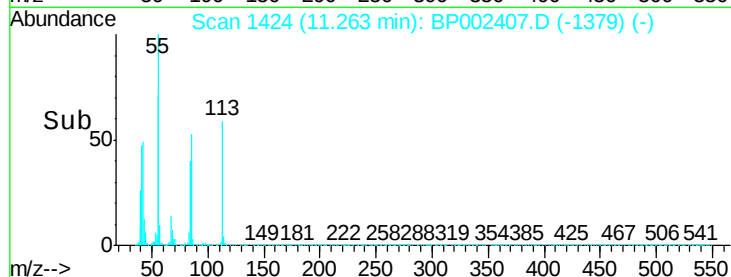
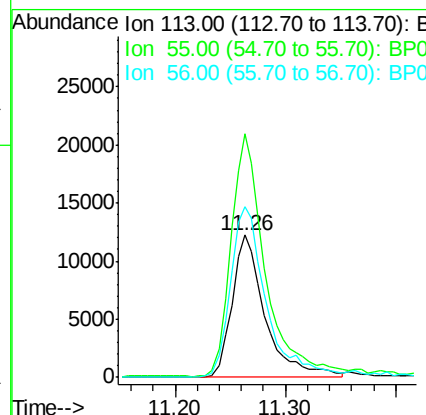
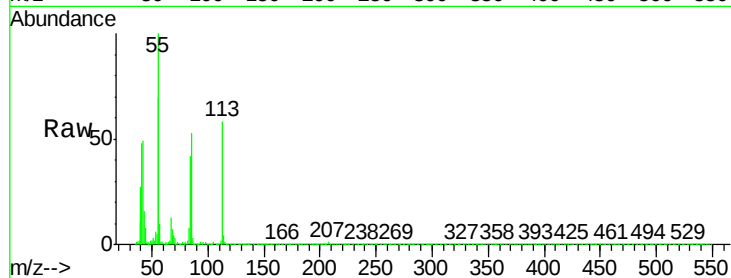
#35
Caprolactam
Concen: 7.698 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.04 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		25630		
55	171.4		147.9	187.9	
56	120.4		99.9	139.9	

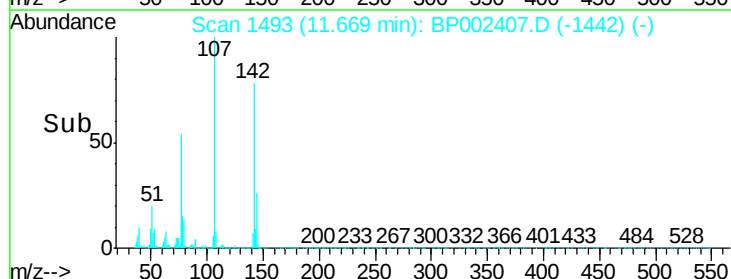
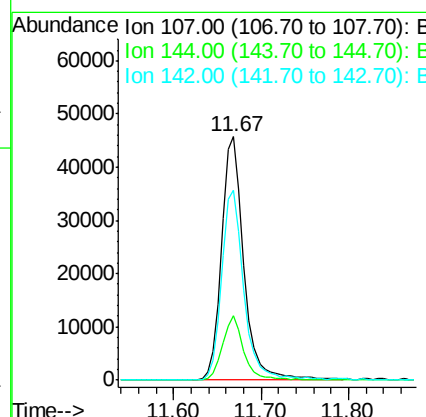
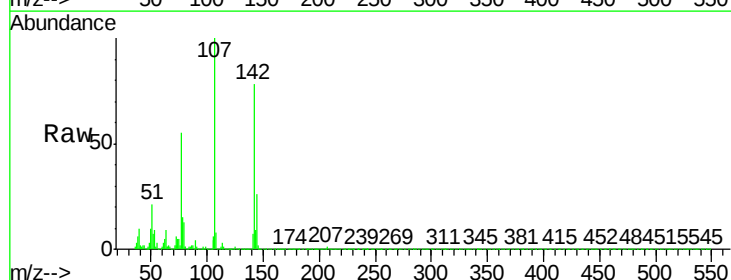
Manual Integrations
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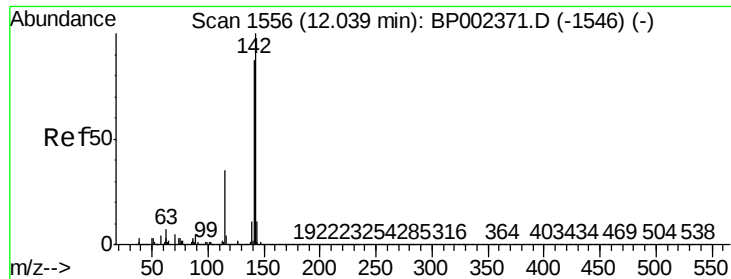
mohammad
6/16/2020 11:07:20 AM



#36
4-Chloro-3-methylphenol
Concen: 7.922 ng
RT: 11.67 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		80913		
144	26.5		20.4	30.6	
142	78.0		62.2	93.4	





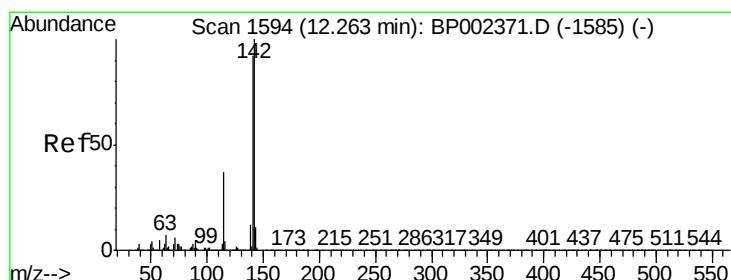
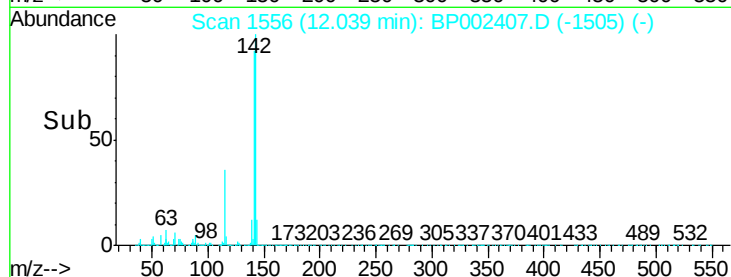
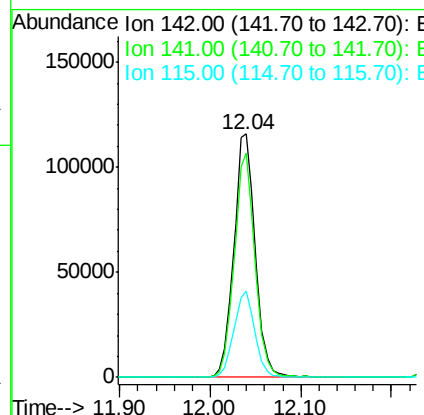
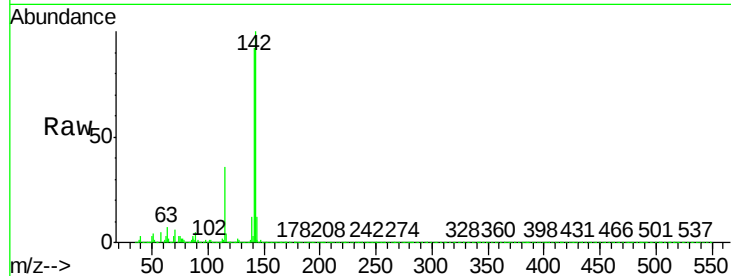
#37
2-Methylnaphthalene
Concen: 8.692 ng
RT: 12.04 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.7	104.5
115	35.6	27.8	41.8

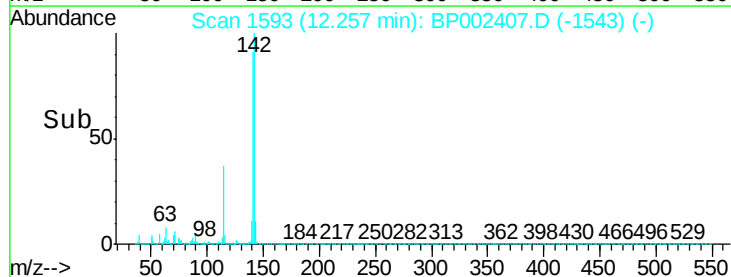
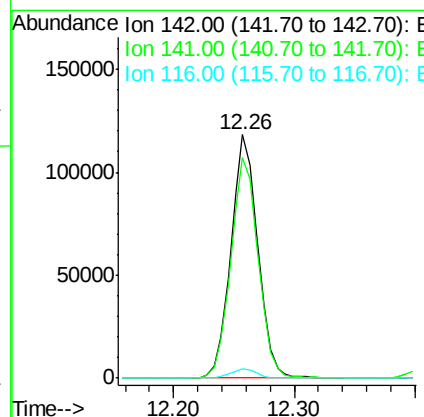
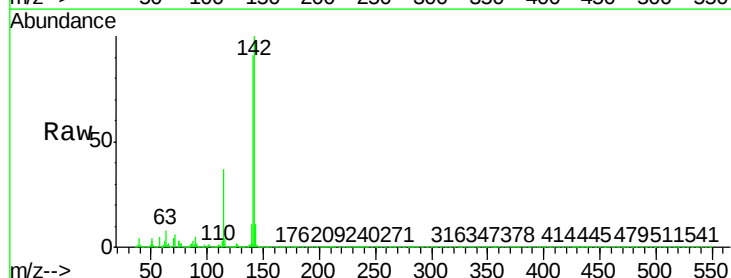
Manual Integrations
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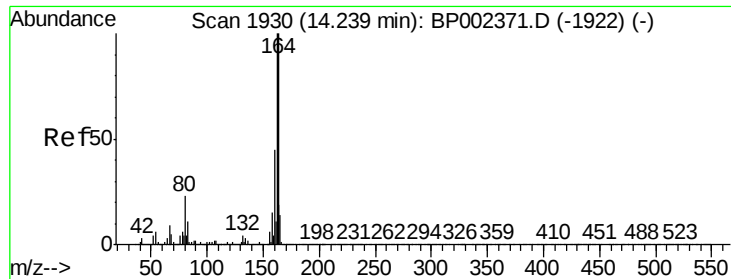
mohammad
6/16/2020 11:07:20 AM



#38
1-Methylnaphthalene
Concen: 8.820 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.6	110.4
116	3.8	3.1	4.7





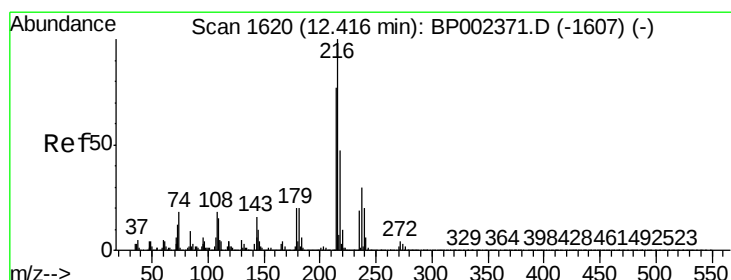
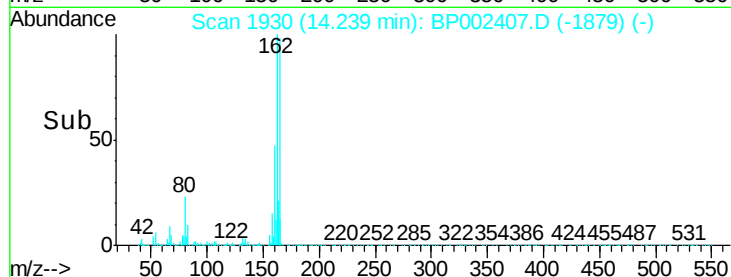
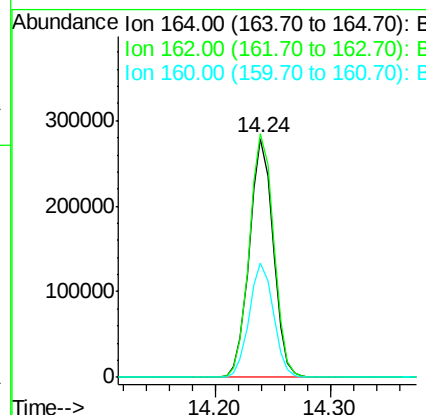
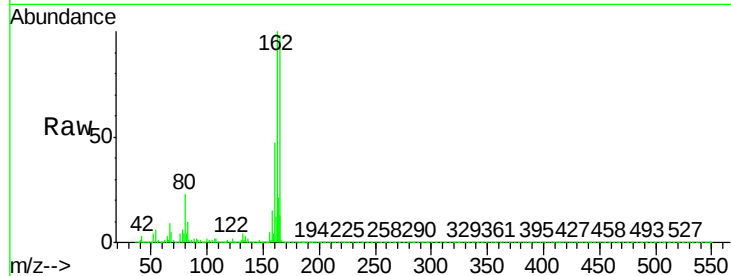
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.8	119.8
160	47.9	36.2	54.2

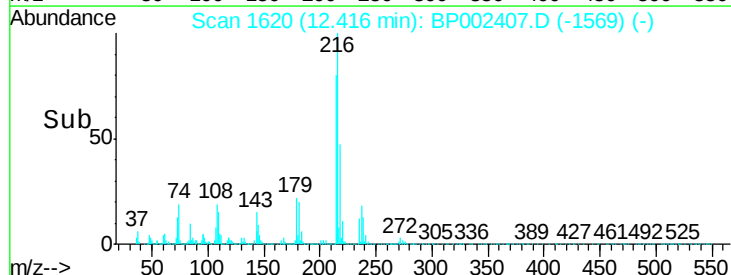
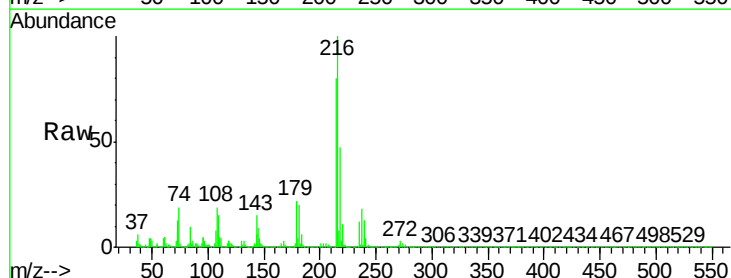
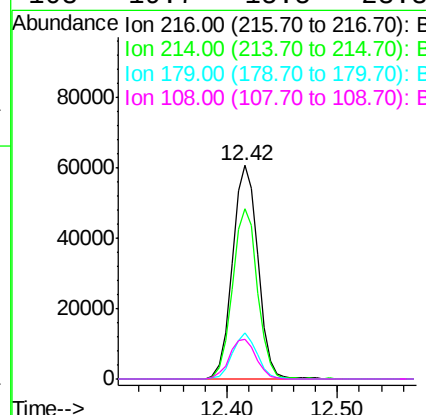
Manual Integrations
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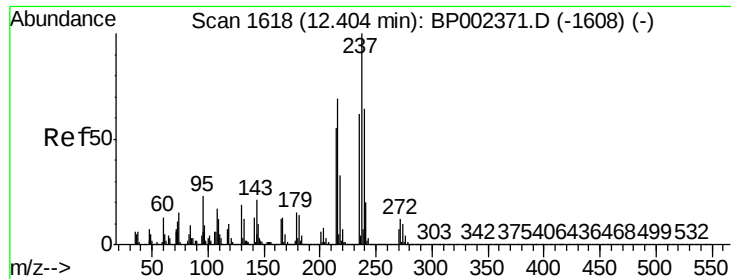
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.281 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	94.0
179	20.8	16.4	24.6
108	19.7	15.5	23.3





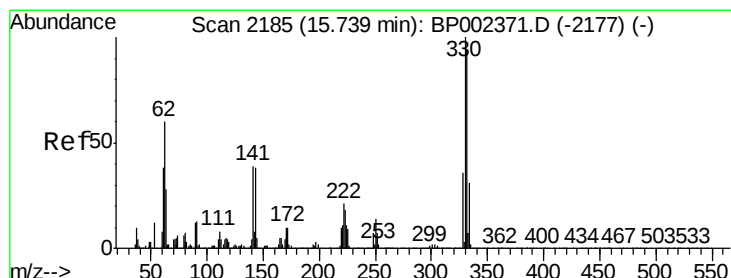
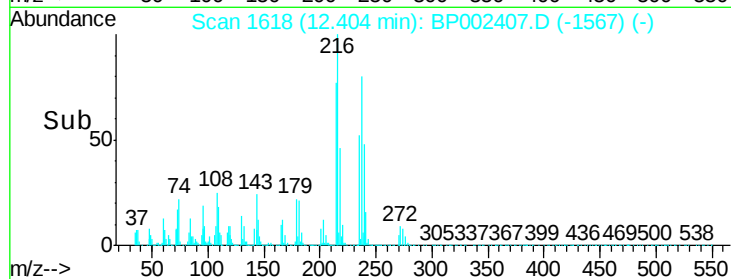
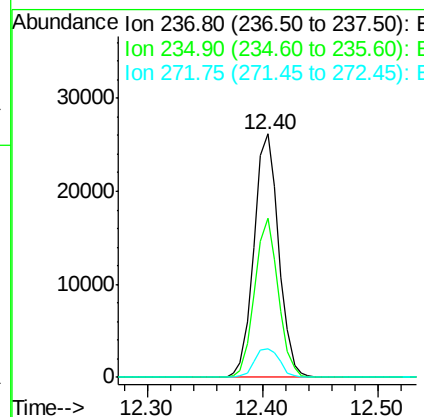
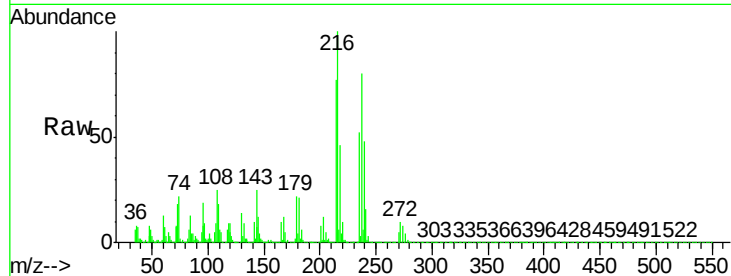
#41
Hexachlorocyclopentadiene
Concen: 6.952 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:	237	Resp:	39102
Ion Ratio	Lower	Upper	
237	100		
235	65.3	42.0	82.0
272	12.0	0.0	32.5

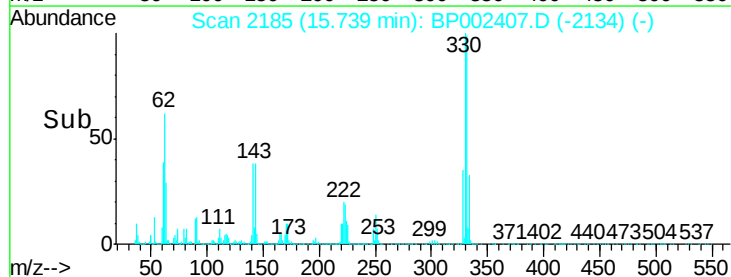
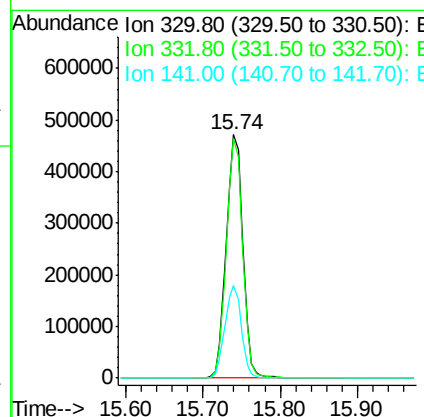
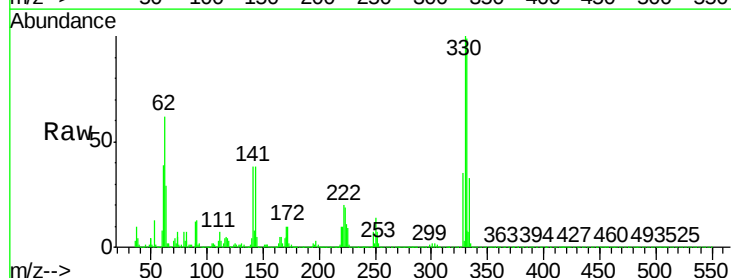
Manual Integrations
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6/16/2020 11:07:20 AM



#42
2,4,6-Tribromophenol
Concen: 184.806 ng
RT: 15.74 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion:	330	Resp:	710131
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	37.8	30.3	45.5





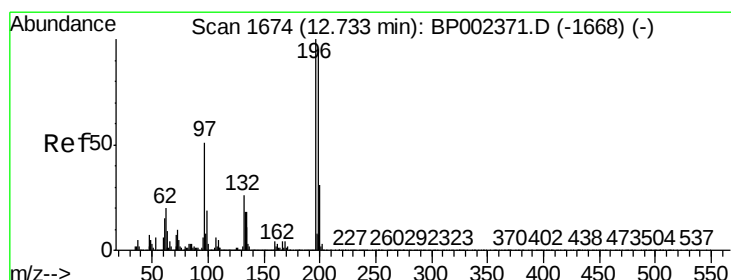
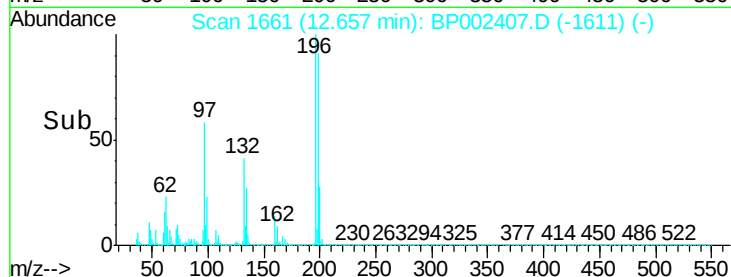
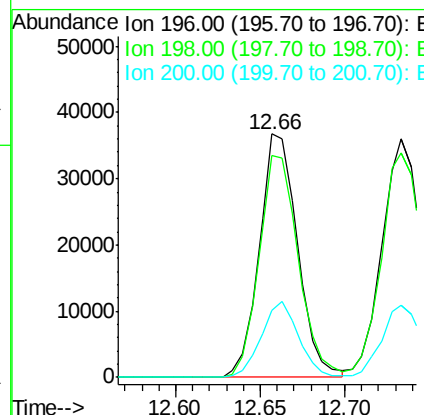
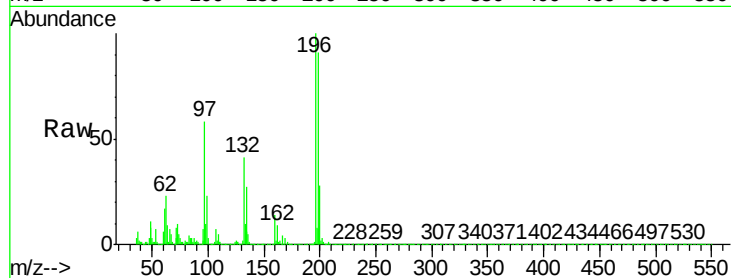
#43
2,4,6-Trichlorophenol
Concen: 7.686 ng
RT: 12.66 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	57551		
198	91.3	76.6	115.0	
200	27.6	24.7	37.1	

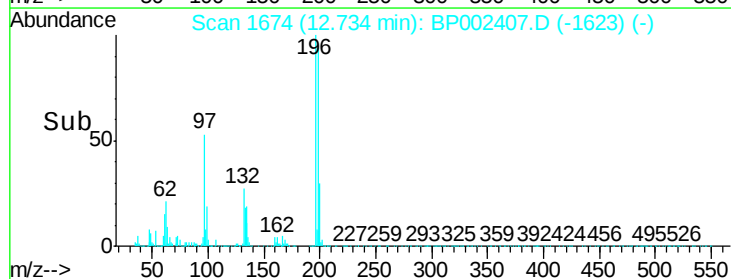
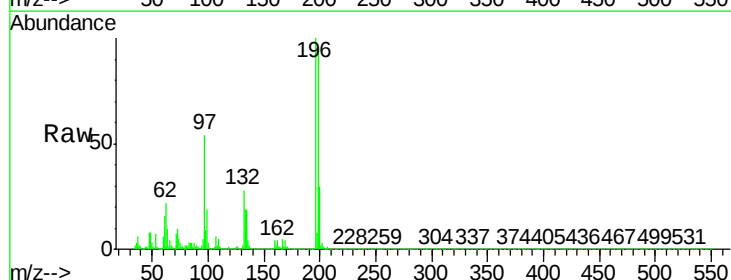
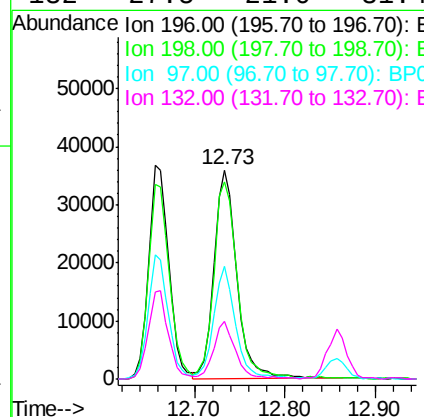
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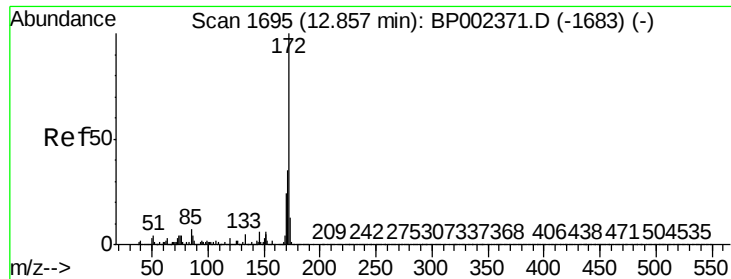
mohammad
6/16/2020 11:07:20 AM



#44
2,4,5-Trichlorophenol
Concen: 7.264 ng
RT: 12.73 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62976		
198	94.1	76.2	114.2	
97	54.1	40.6	61.0	
132	27.5	21.0	31.4	





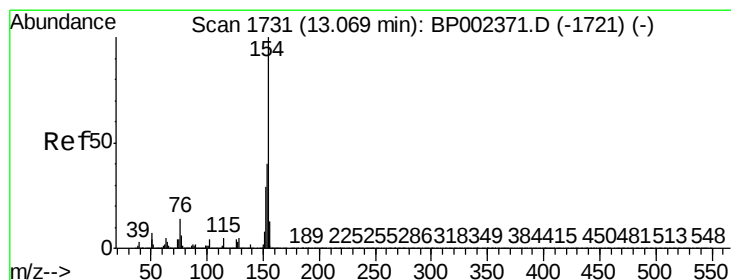
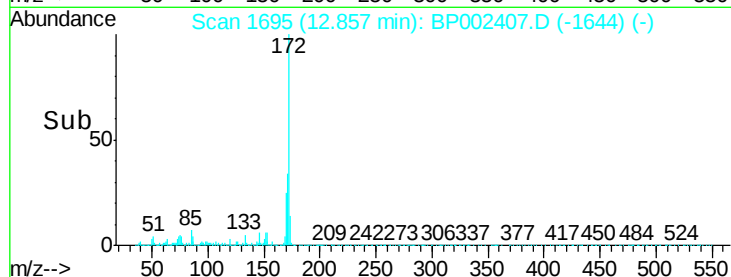
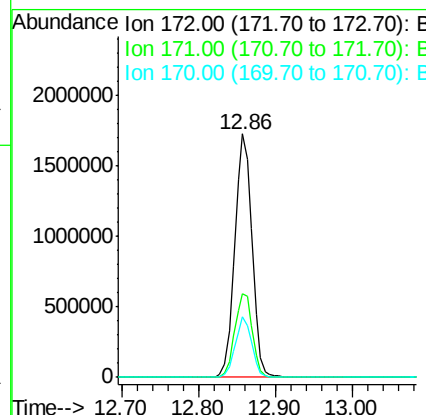
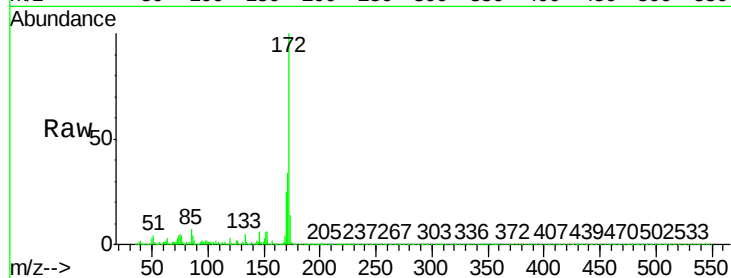
#45
2-Fluorobiphenyl
Concen: 112.819 ng
RT: 12.86 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	24.6	19.0	28.6

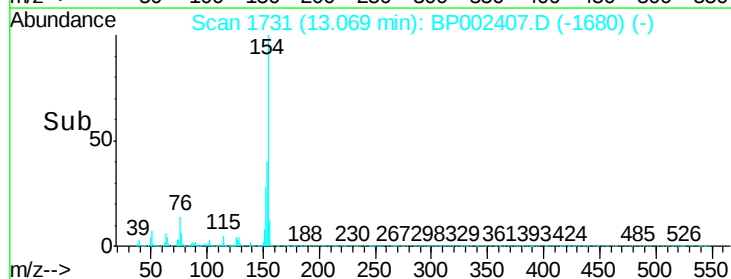
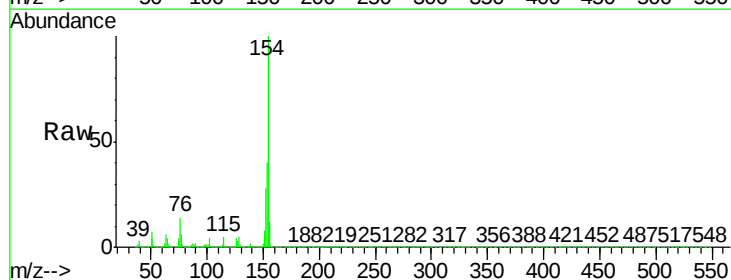
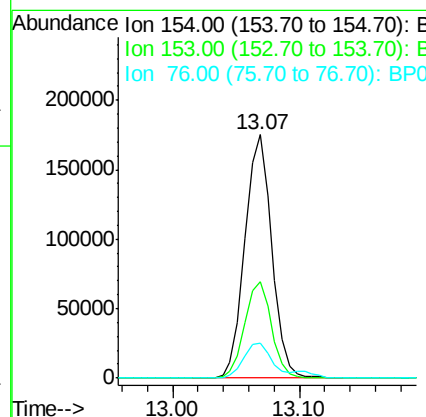
Manual Integrations
APPROVED

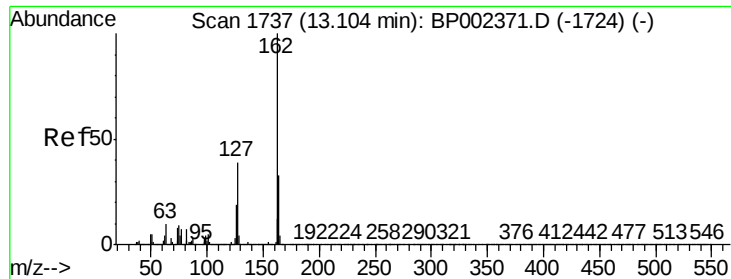
mohammad
6/16/2020 11:07:20 AM



#46
1,1'-Biphenyl
Concen: 9.811 ng
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	14.1	0.0	34.2





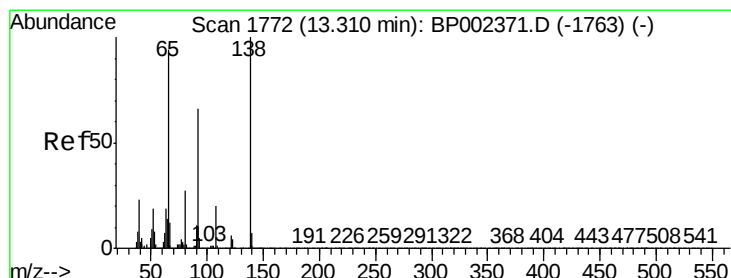
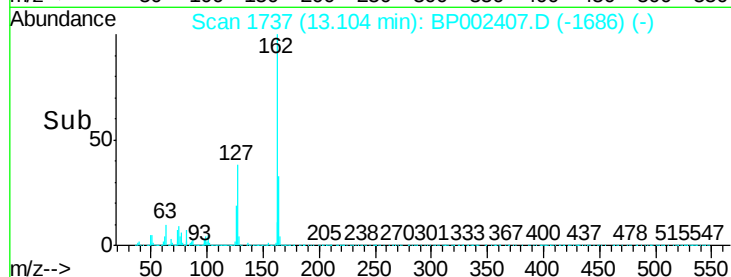
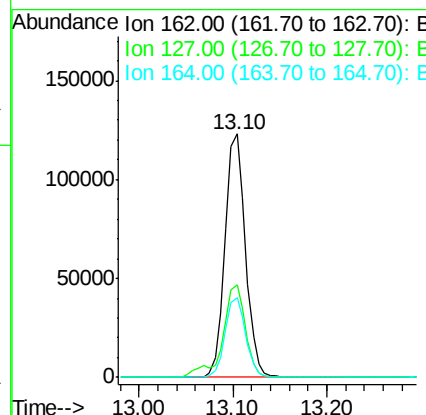
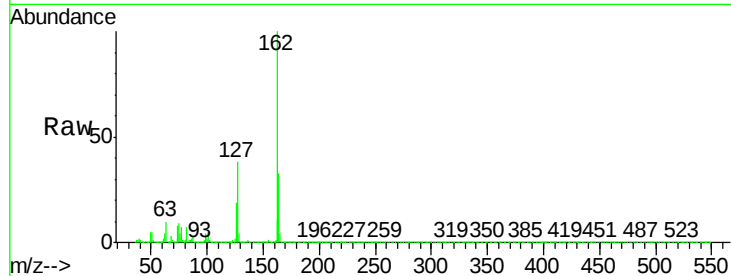
#47
2-Chloronaphthalene
Concen: 8.715 ng
RT: 13.10 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.2	31.0	46.4
164	32.8	26.6	40.0

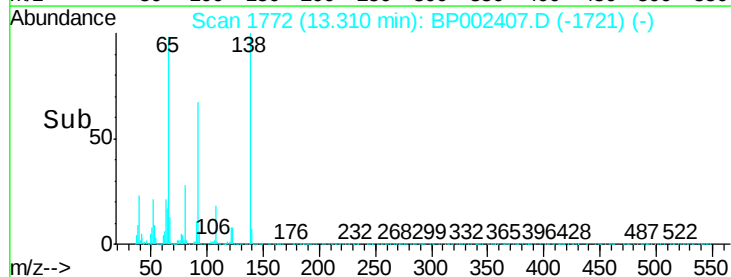
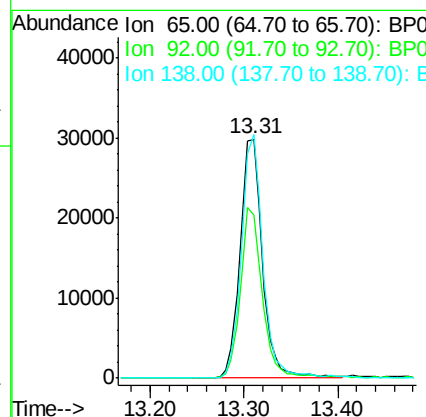
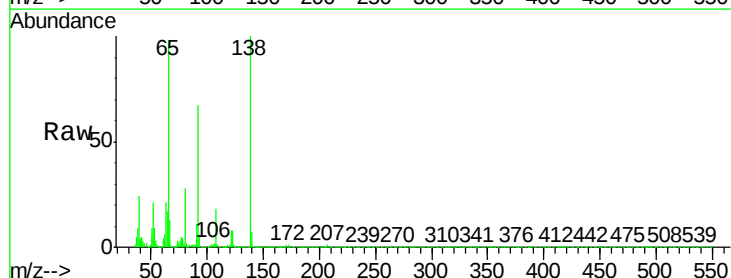
Manual Integrations
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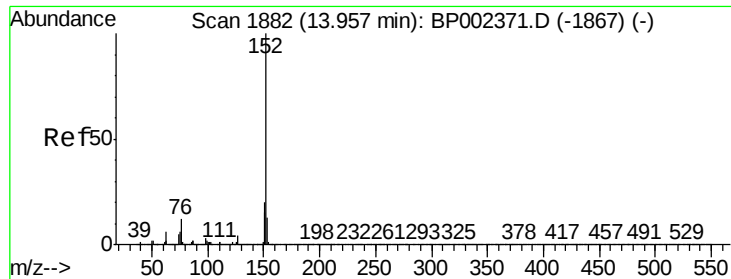
mohammad
6/16/2020 11:07:20 AM



#48
2-Nitroaniline
Concen: 7.257 ng
RT: 13.31 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.4	56.3	84.5
138	101.8	85.0	127.6





#49

Acenaphthylene

Concen: 8.749 ng

RT: 13.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

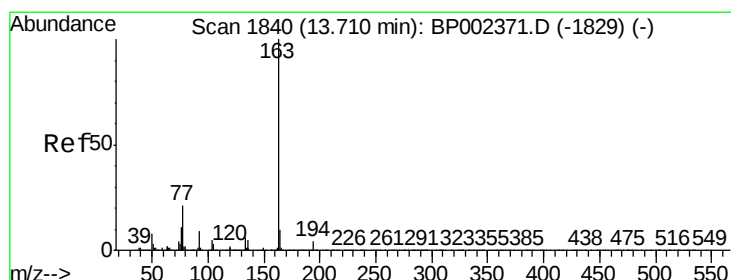
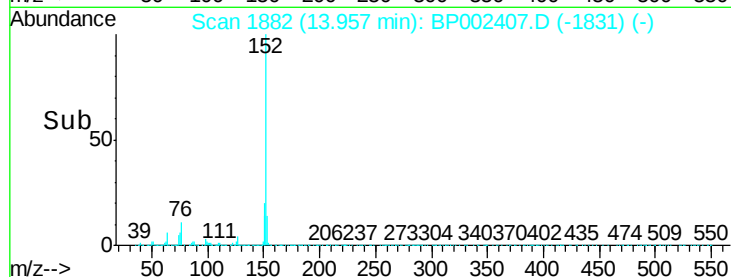
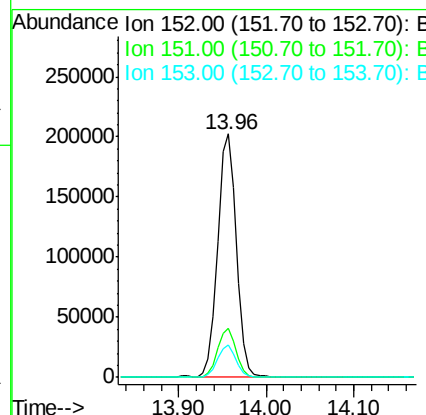
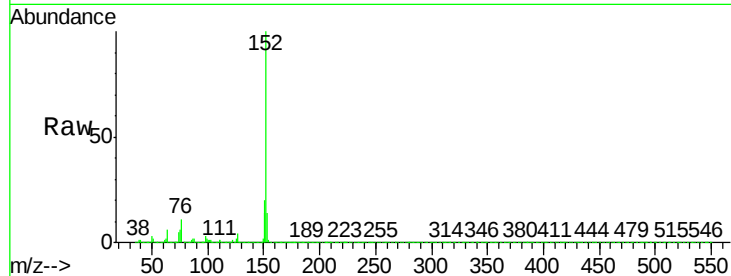
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion:	152	Resp:	300453
Ion Ratio		Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.5	10.5	15.7

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#50

Dimethylphthalate

Concen: 8.609 ng

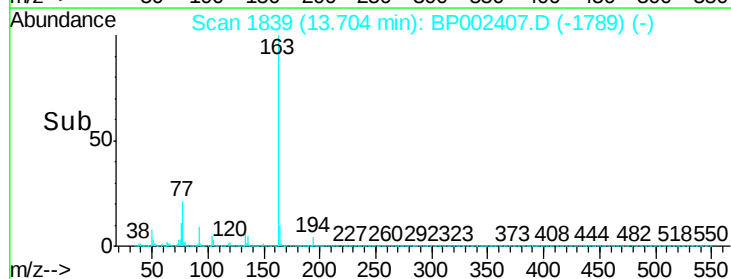
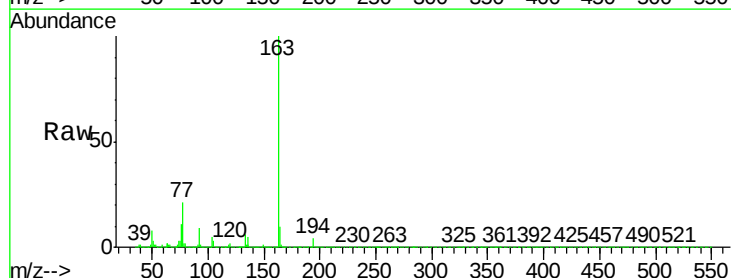
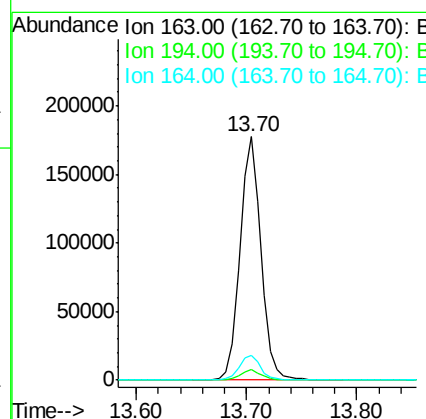
RT: 13.70 min Scan# 1839

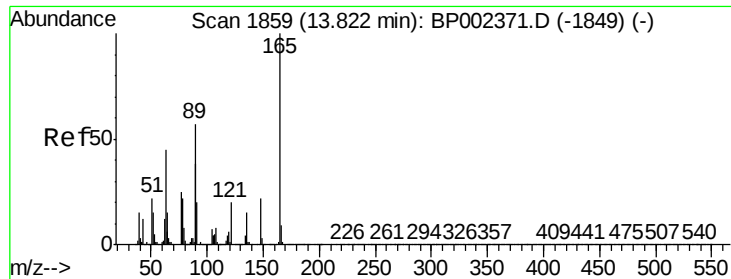
Delta R.T. -0.01 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Tgt Ion:	163	Resp:	236758
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.1	8.1	12.1





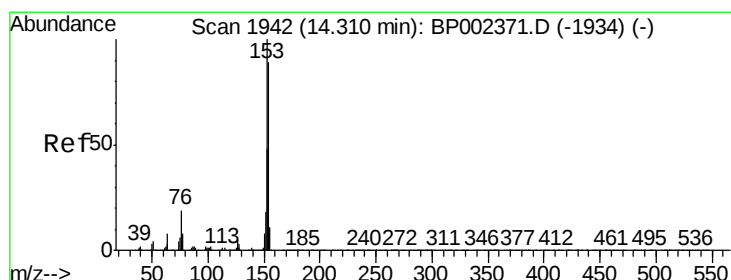
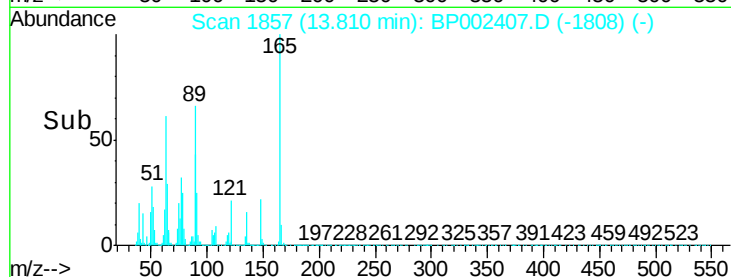
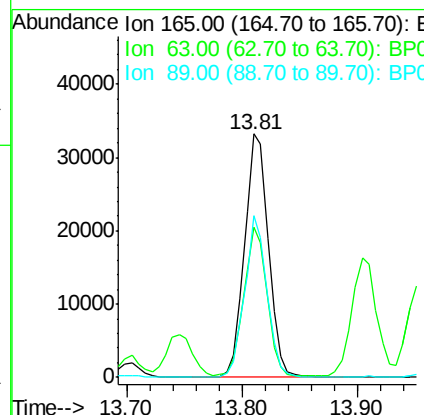
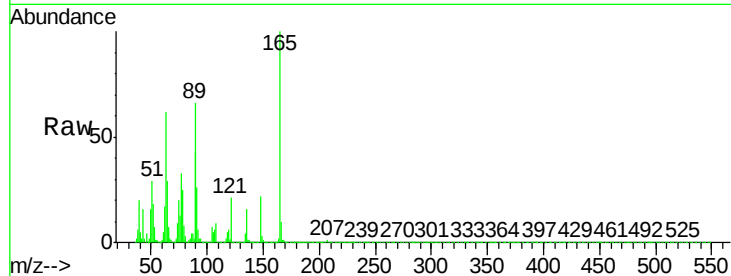
#51
2,6-Dinitrotoluene
Concen: 7.971 ng
RT: 13.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion:	165	Resp:	47602
Ion Ratio	Lower	Upper	
165	100		
63	61.9	43.1	64.7
89	66.2	45.3	67.9

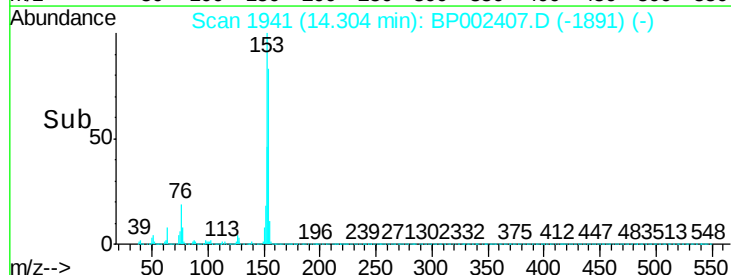
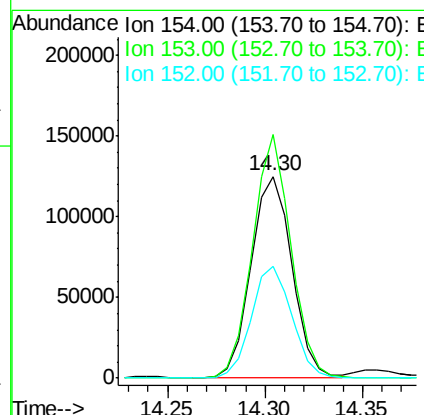
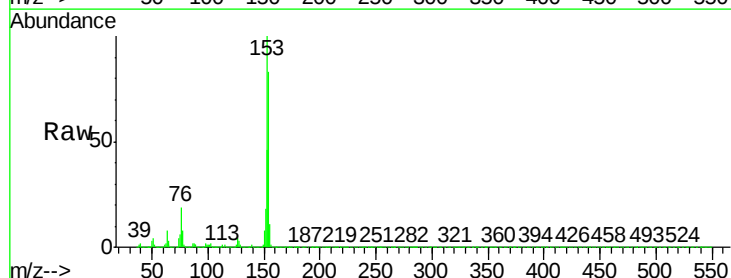
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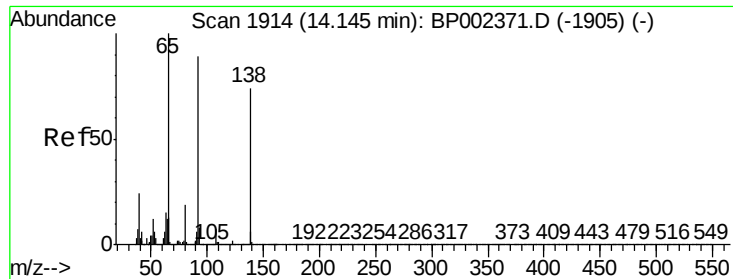
mohammad
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#52
Acenaphthene
Concen: 9.035 ng
RT: 14.30 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion:	154	Resp:	181762
Ion Ratio	Lower	Upper	
154	100		
153	120.6	89.5	134.3
152	55.7	43.3	64.9





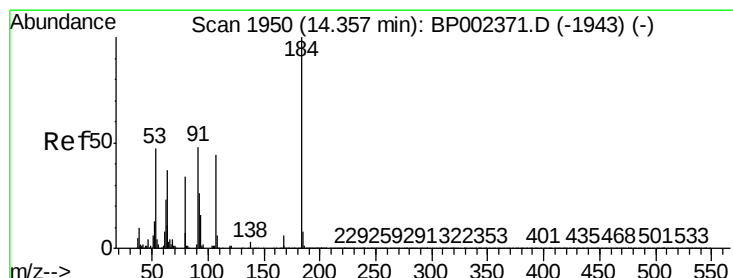
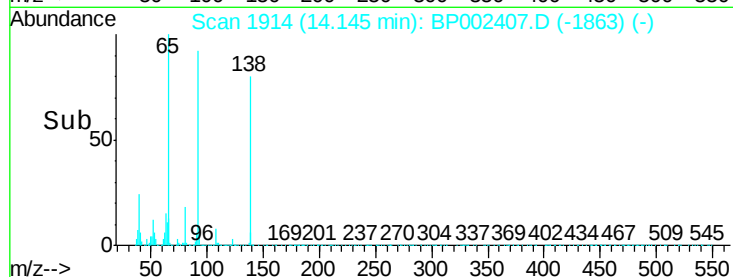
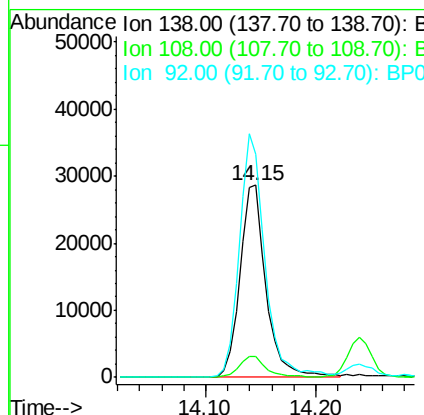
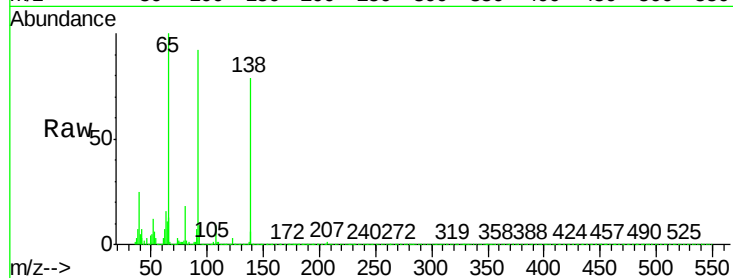
#53
3-Nitroaniline
Concen: 6.986 ng
RT: 14.15 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.0	12.0
92	115.9	96.2	144.2

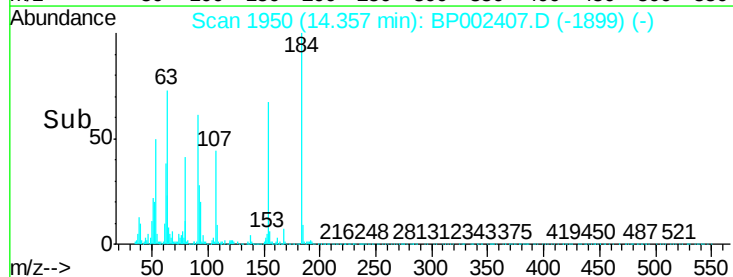
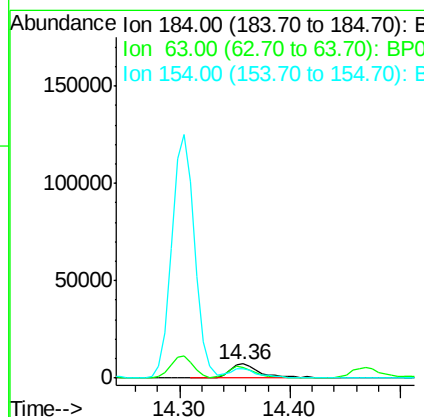
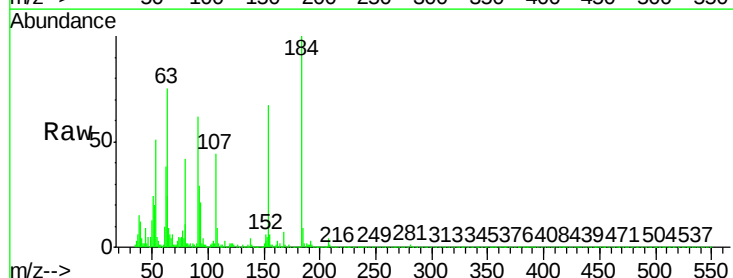
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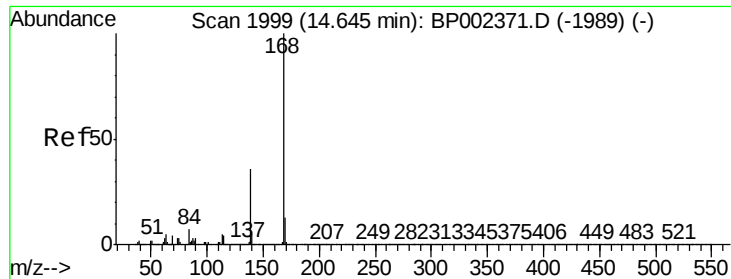
mohammad
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#54
2,4-Dinitrophenol
Concen: 4.345 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.7	52.3	78.5
154	66.9	48.6	72.8





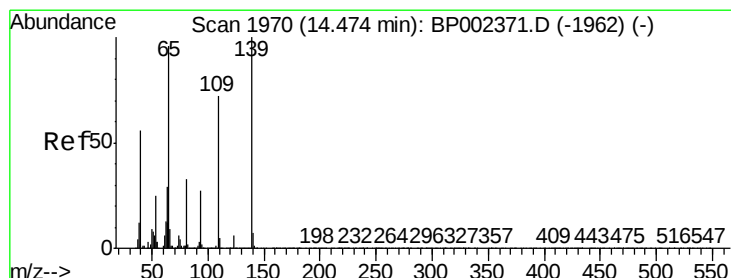
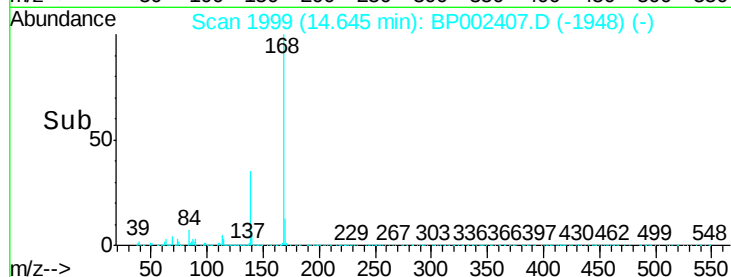
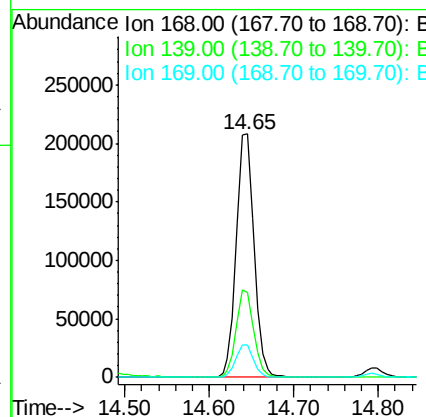
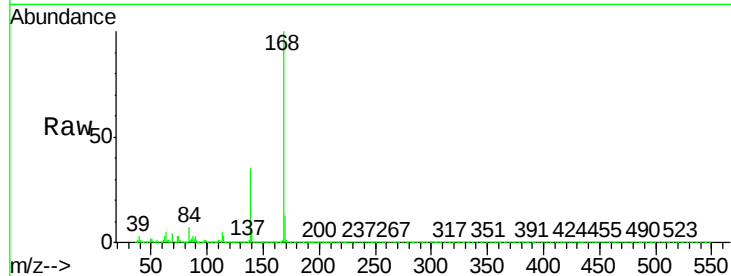
#55
Dibenzofuran
Concen: 9.229 ng
RT: 14.65 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.9	43.3
169	13.3	10.6	15.8

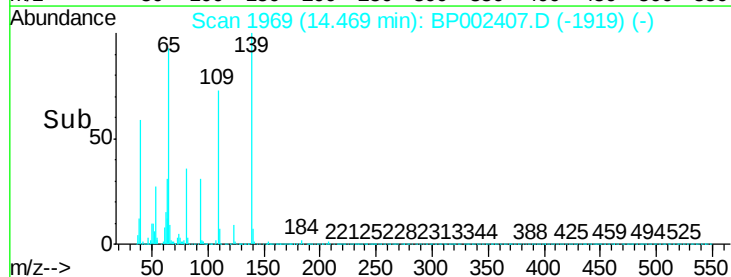
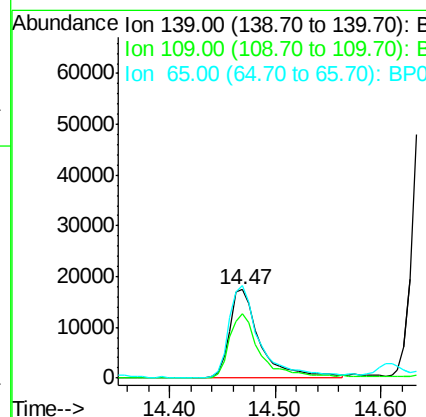
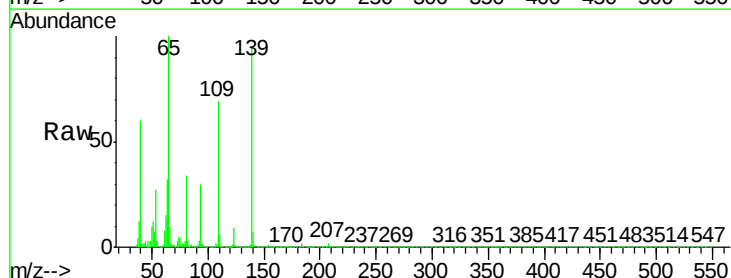
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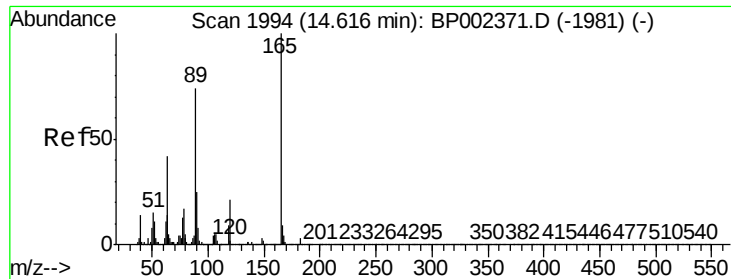
mohammad
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#56
4-Nitrophenol
Concen: 6.466 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	52.0	92.0
65	105.0	76.3	116.3





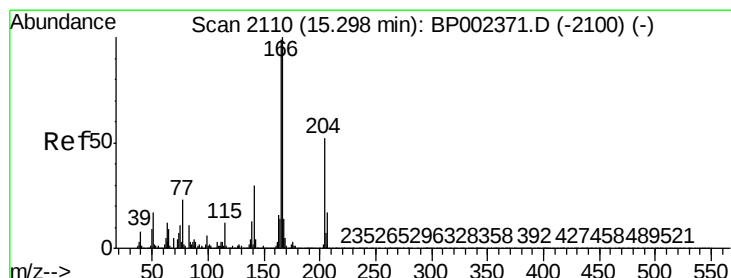
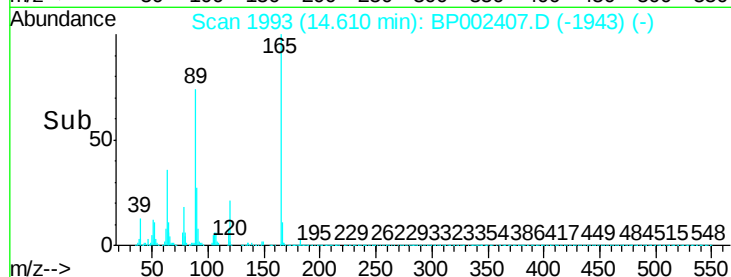
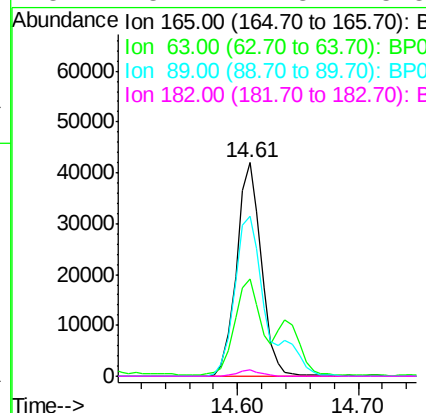
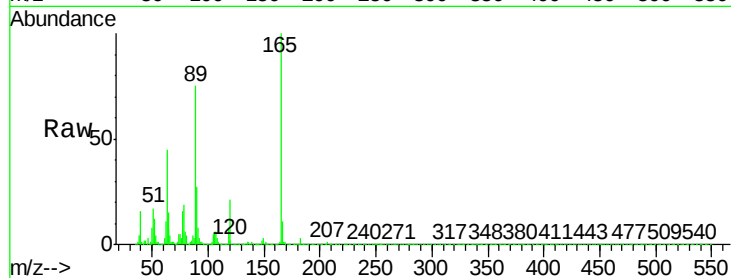
#57
2,4-Dinitrotoluene
Concen: 7.427 ng
RT: 14.61 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	34.2	51.2
89	75.1	59.3	88.9
182	3.1	2.3	3.5

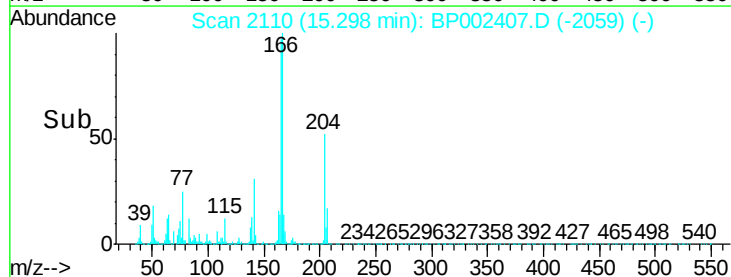
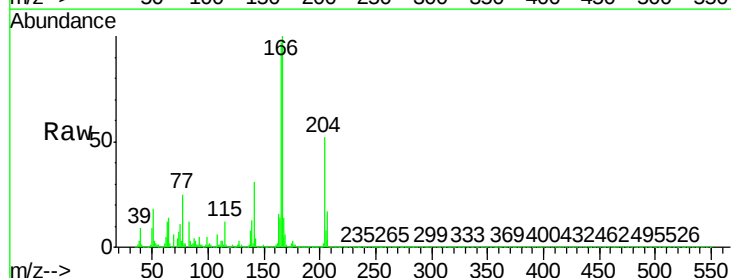
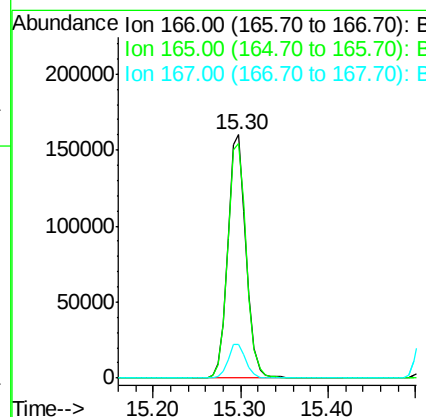
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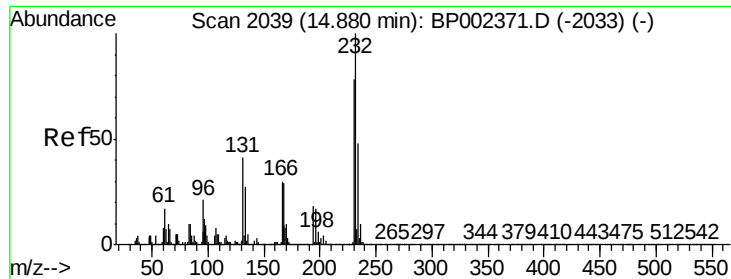
mohammad
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#58
Fluorene
Concen: 9.015 ng
RT: 15.30 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.1	118.7
167	13.7	11.0	16.4





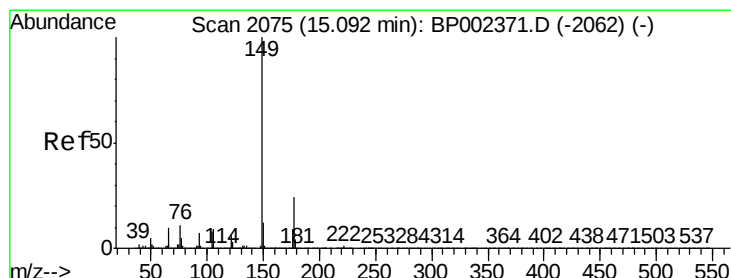
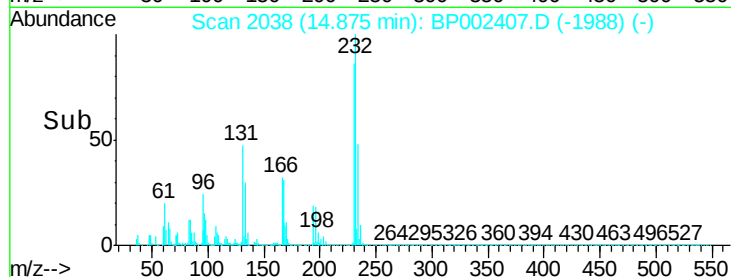
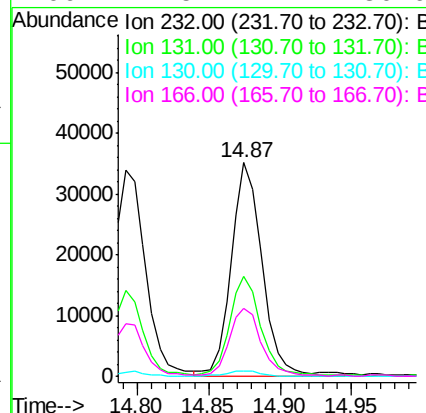
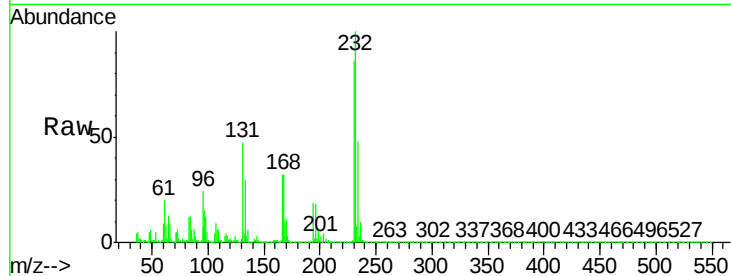
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.797 ng m
RT: 14.87 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	35.1	52.7
130	2.1	1.8	2.8
166	24.5	24.4	36.6

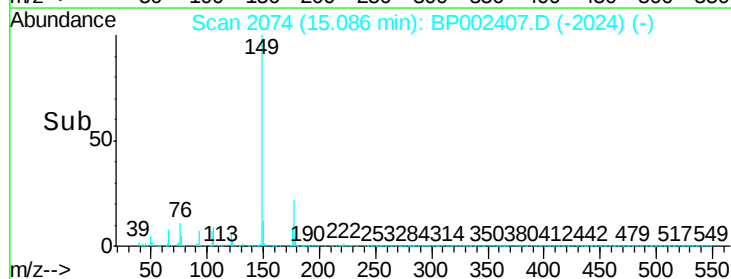
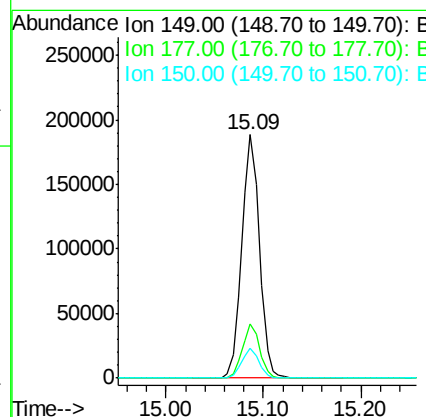
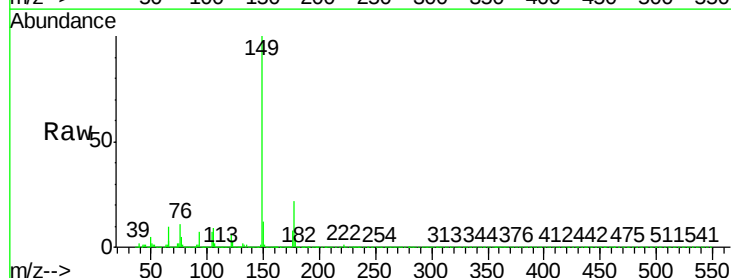
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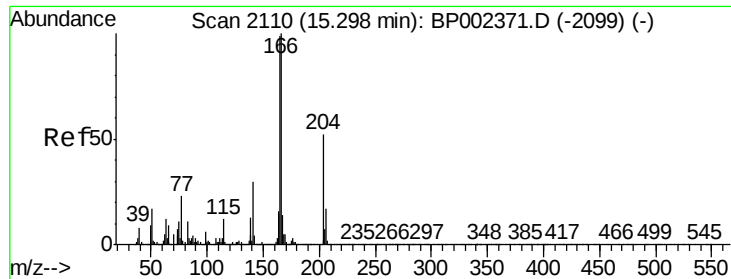
mohammad
6/16/2020 11:07:20 AM



#60
Diethylphthalate
Concen: 8.588 ng
RT: 15.09 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.9	28.3
150	12.2	9.9	14.9





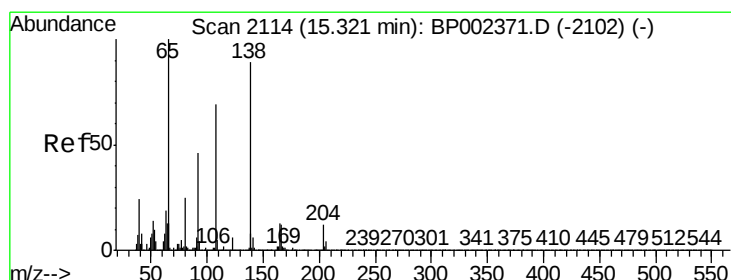
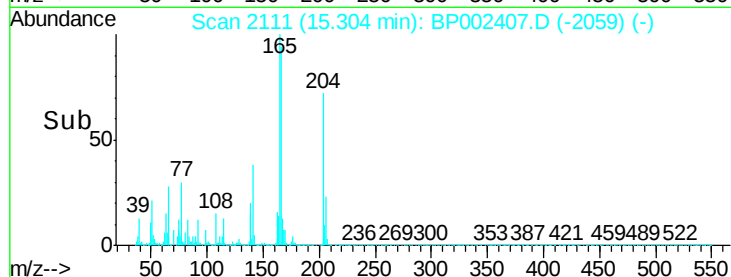
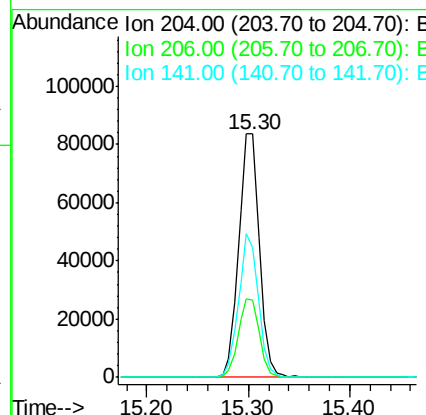
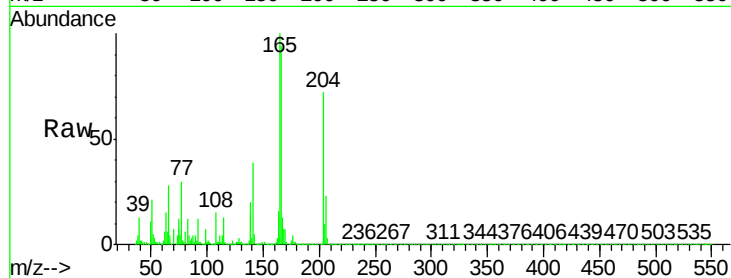
#61
4-Chlorophenyl-phenylether
Concen: 9.569 ng
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	31.7	26.8	40.2
141	53.4	46.6	69.8

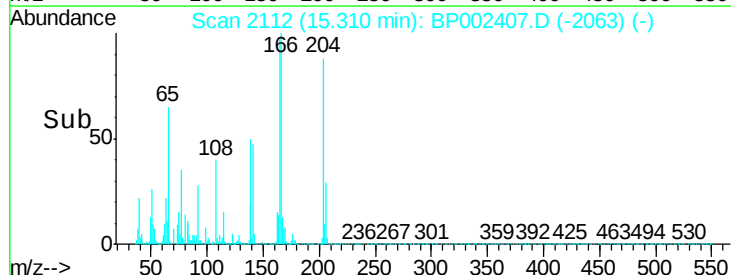
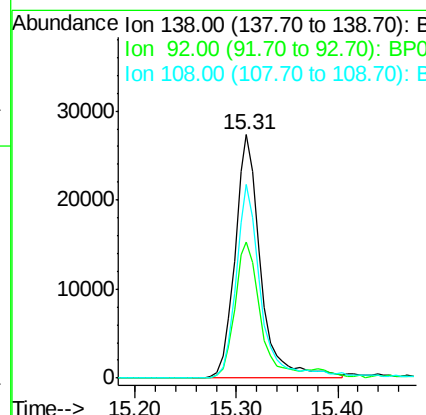
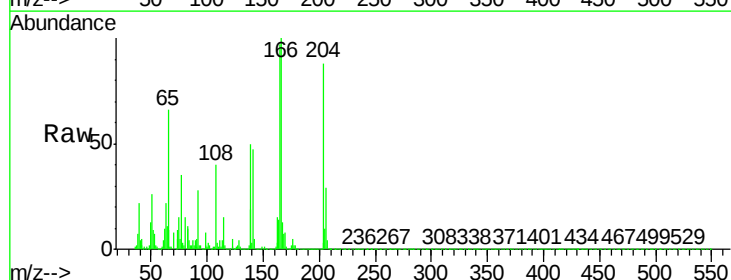
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#62
4-Nitroaniline
Concen: 7.305 ng
RT: 15.31 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	55.7	31.7	71.7
108	79.8	57.5	97.5





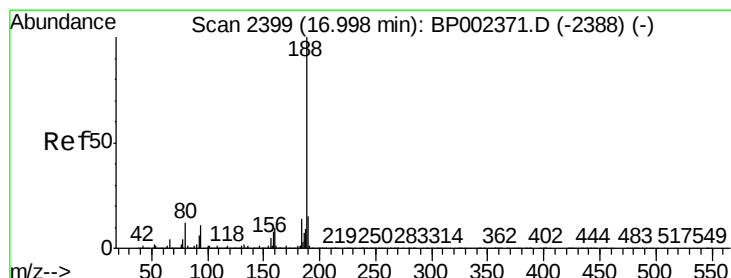
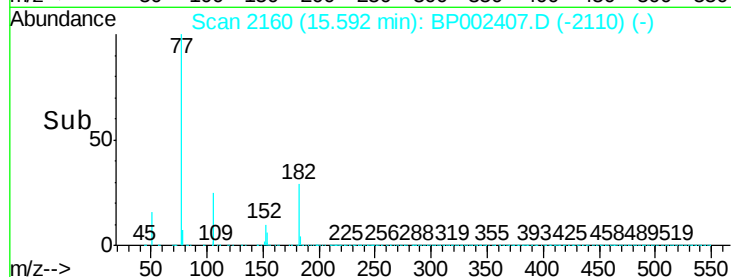
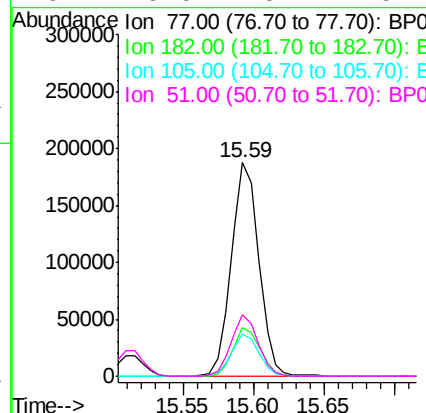
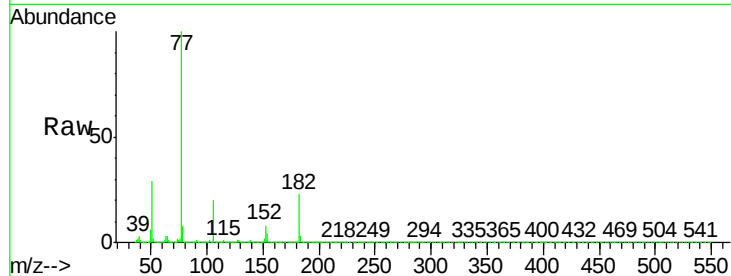
#63
Azobenzene
Concen: 9.261 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.9	6.0	46.0
105	19.9	1.3	41.3
51	28.5	8.7	48.7

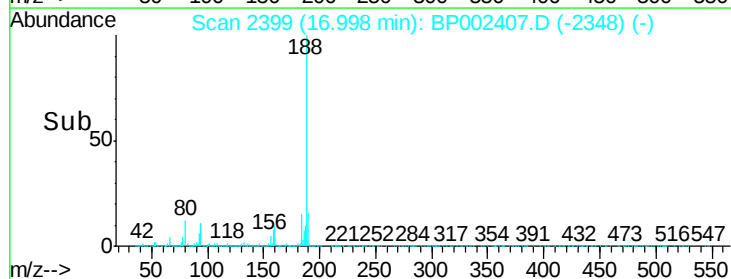
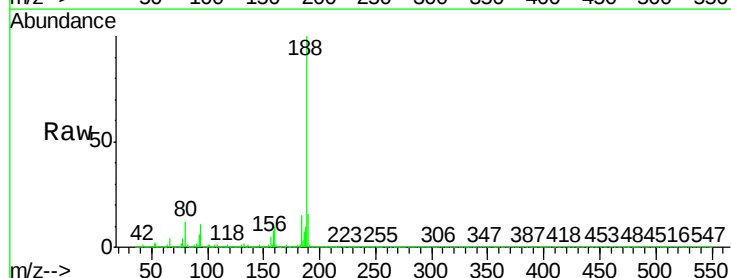
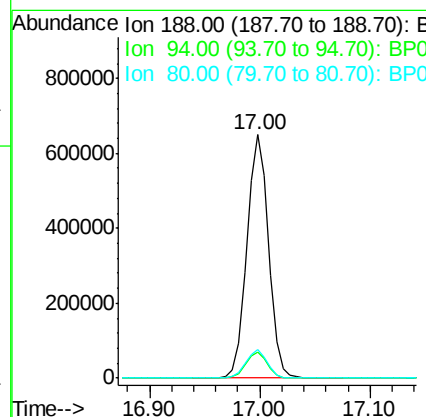
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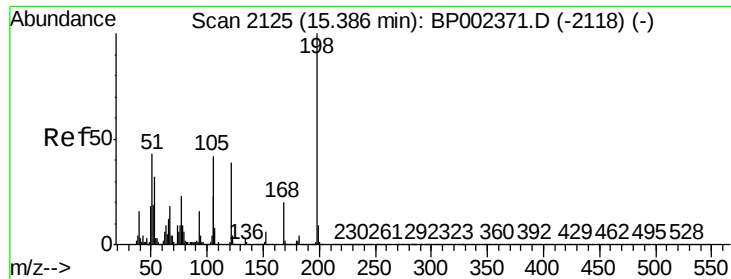
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.8	9.4	14.0





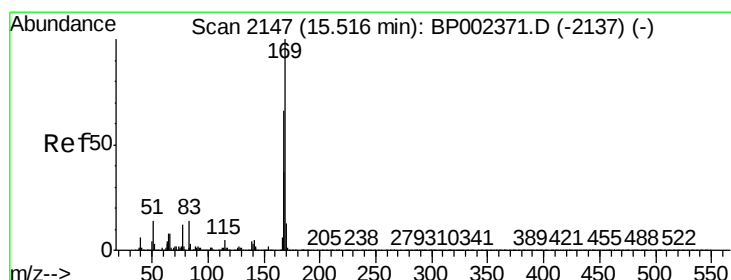
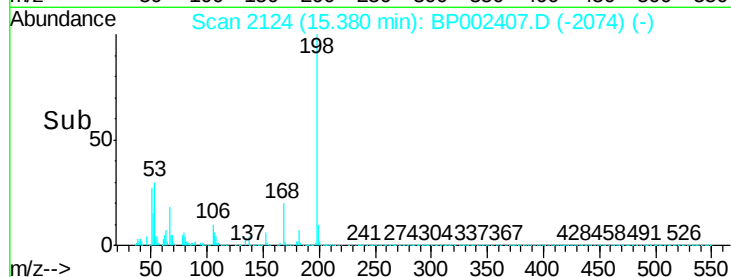
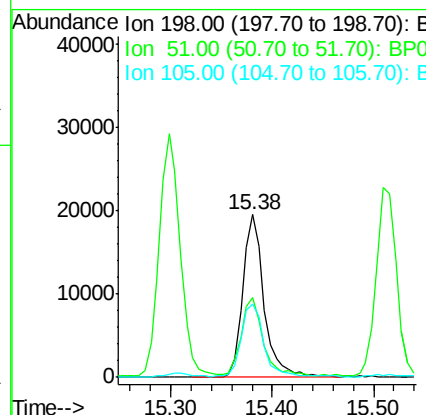
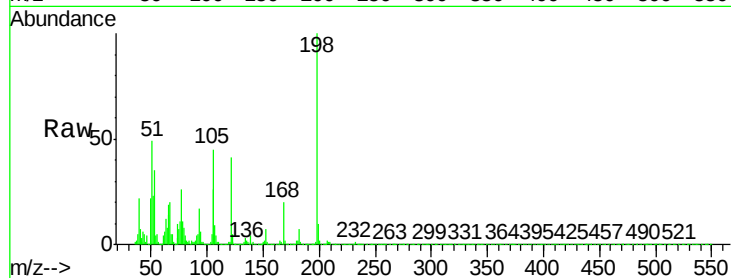
#65
4,6-Dinitro-2-methylphenol
Concen: 5.986 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.2	23.4	63.4
105	45.2	22.5	62.5

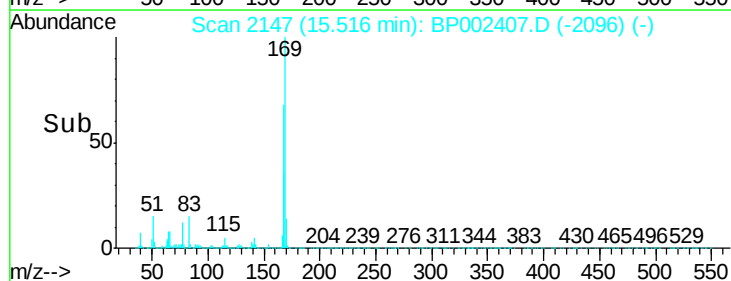
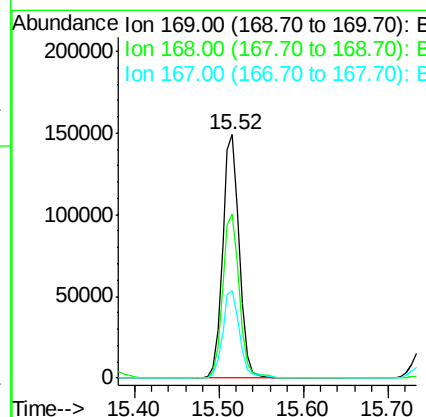
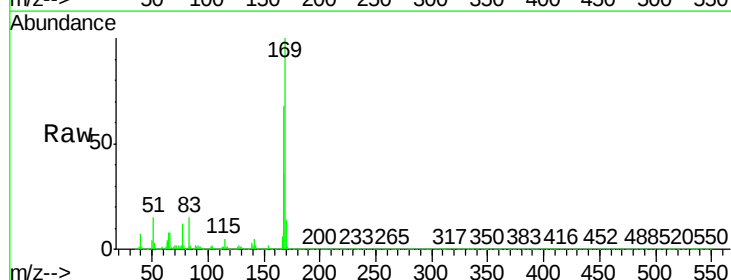
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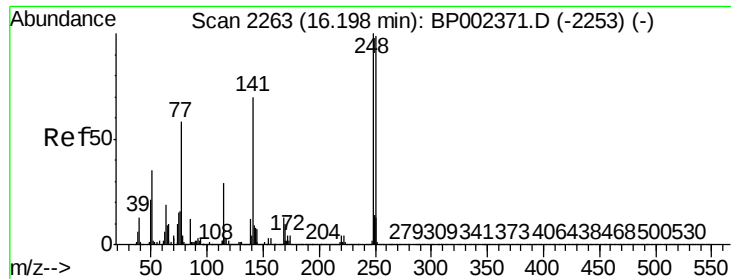
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#66
n-Nitrosodiphenylamine
Concen: 9.003 ng
RT: 15.52 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	52.8	79.2
167	35.9	29.4	44.0





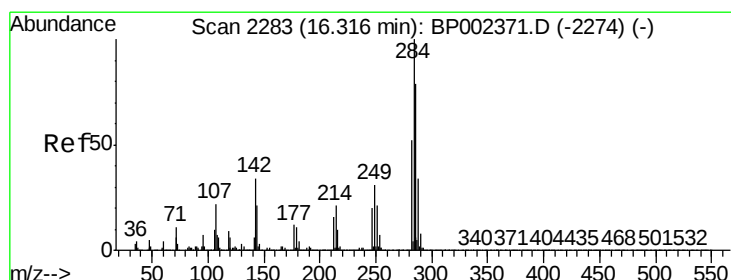
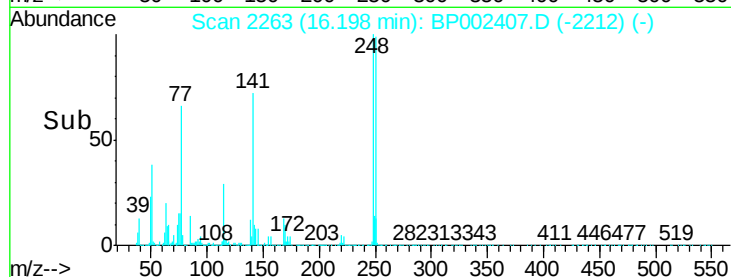
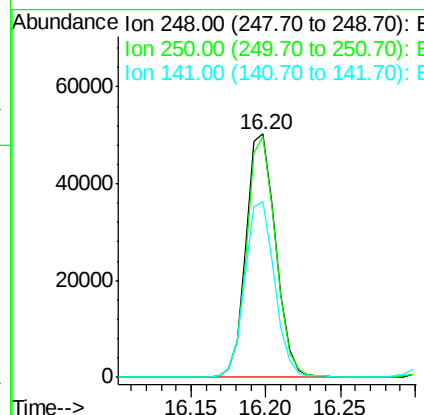
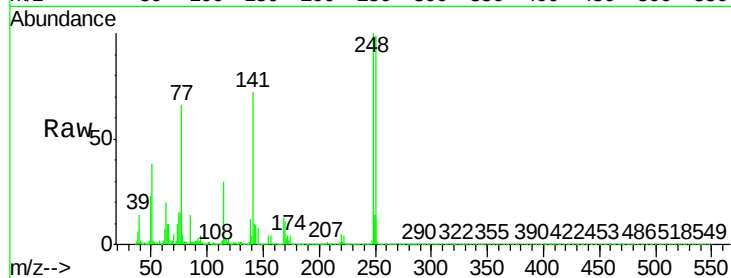
#67
4-Bromophenyl-phenylether
Concen: 8.112 ng
RT: 16.20 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.3	118.9
141	72.3	55.7	83.5

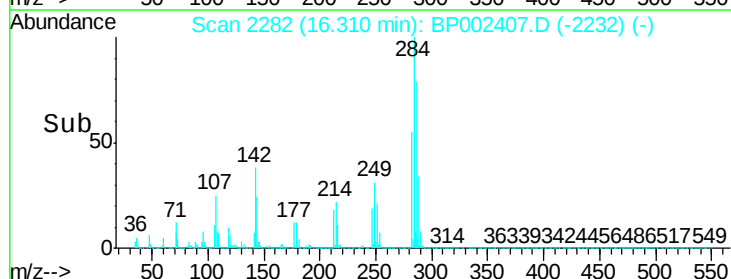
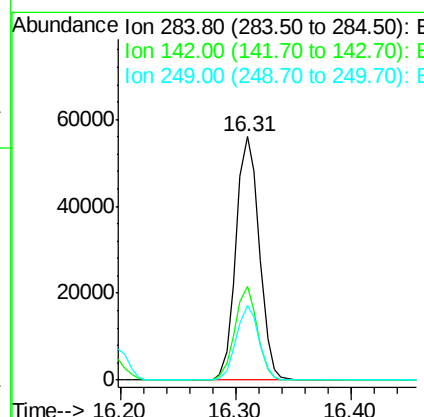
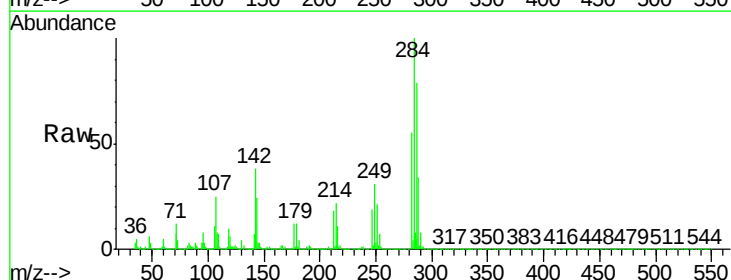
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#68
Hexachlorobenzene
Concen: 8.703 ng
RT: 16.31 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	27.4	41.0
249	30.9	24.9	37.3





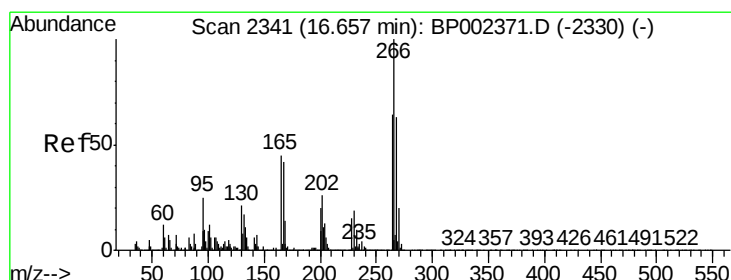
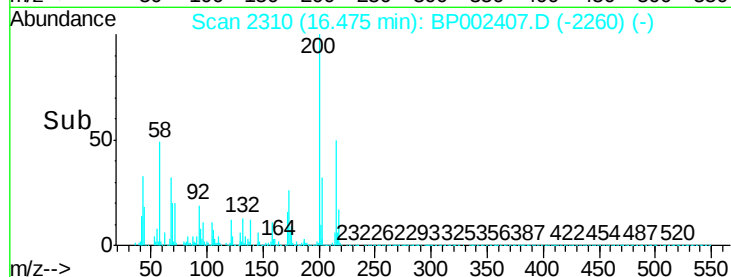
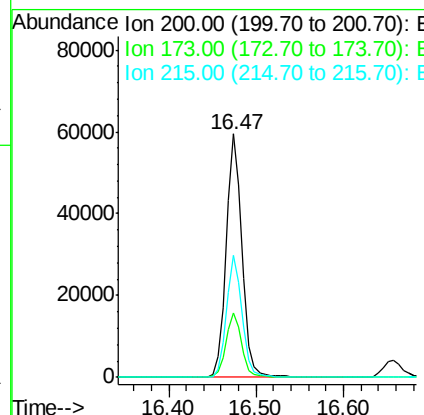
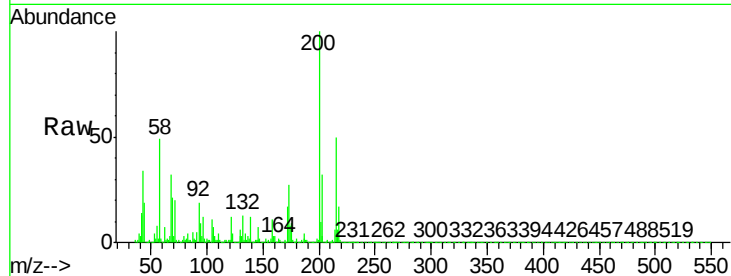
#69
Atrazine
Concen: 10.034 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.4	46.4
215	50.0	29.3	69.3

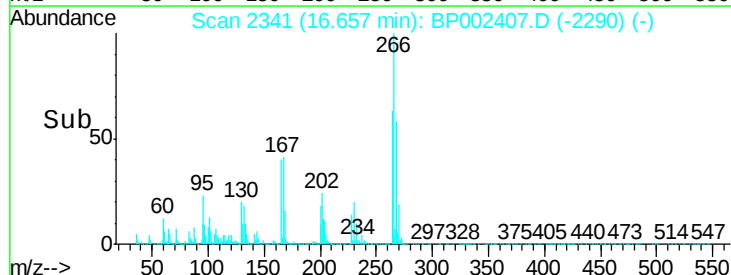
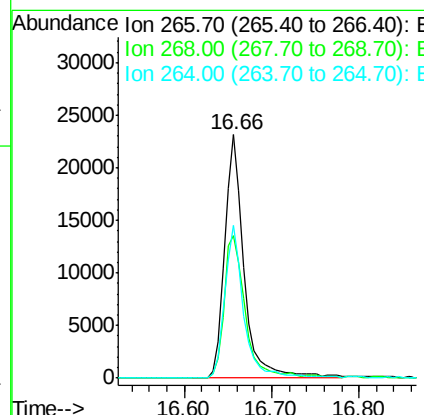
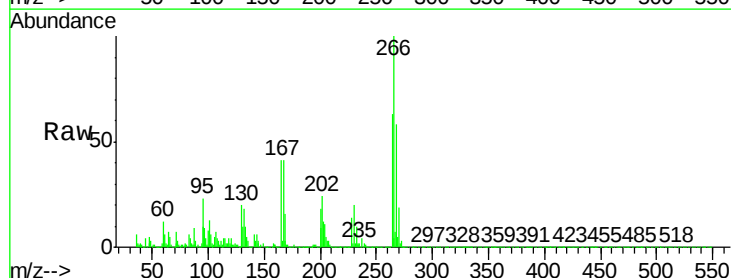
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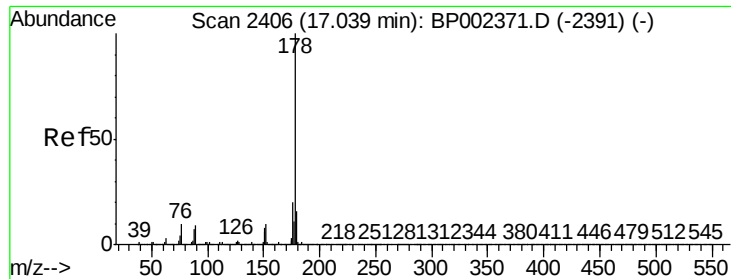
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#70
Pentachlorophenol
Concen: 6.628 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	58.5	50.5	75.7
264	63.0	51.4	77.0





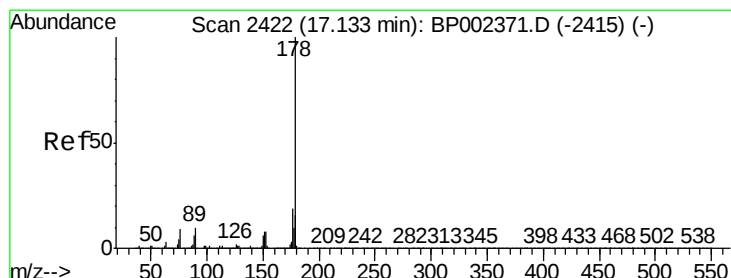
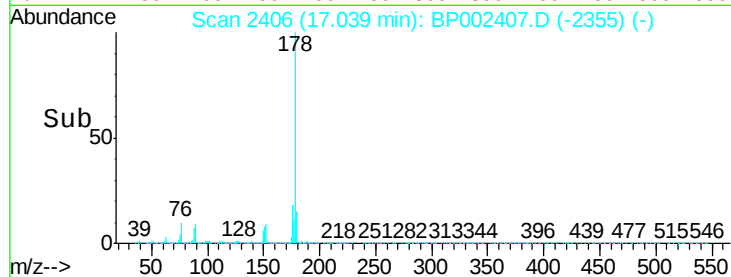
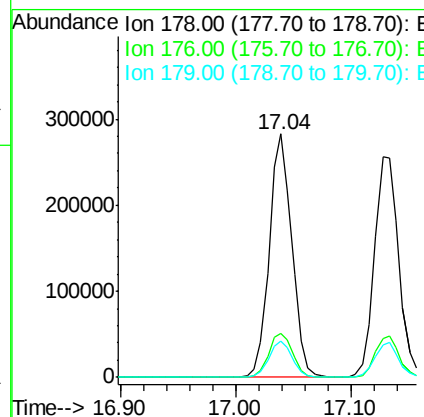
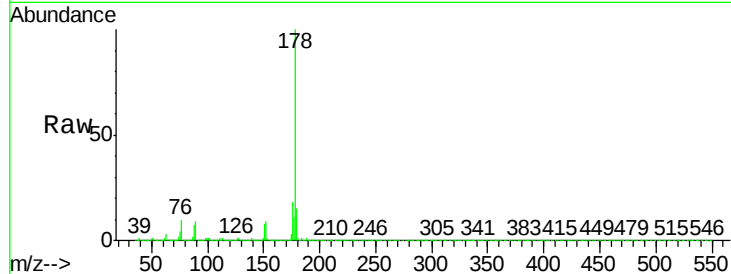
#71
Phenanthrene
Concen: 9.252 ng
RT: 17.04 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.6
179	15.1	12.5	18.7

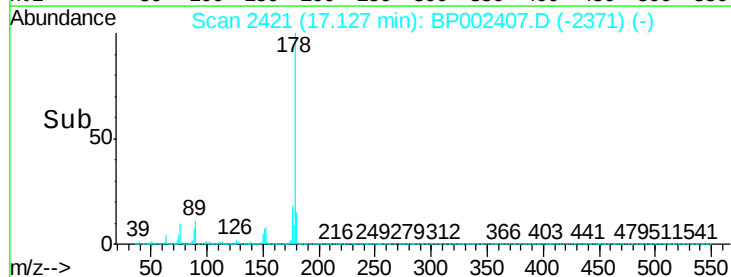
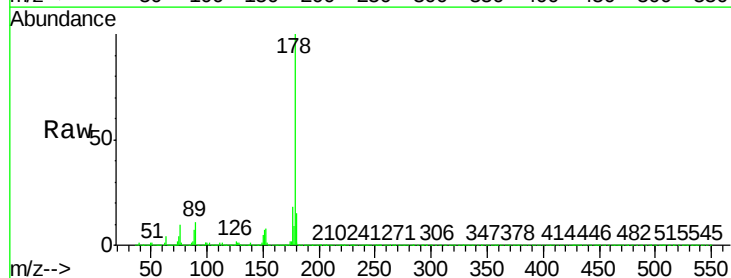
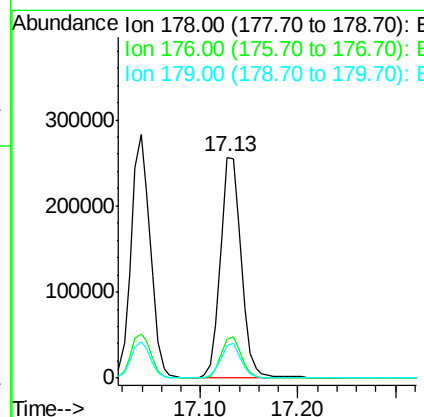
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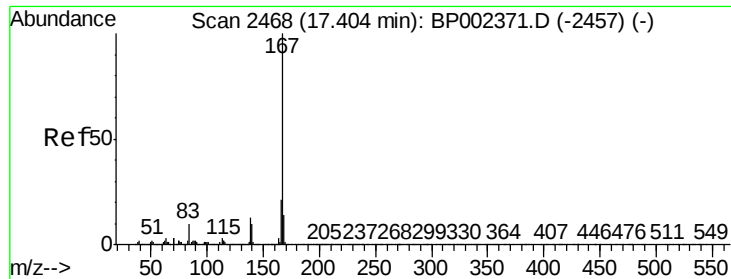
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#72
Anthracene
Concen: 9.097 ng
RT: 17.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.5	23.3
179	14.9	13.0	19.4





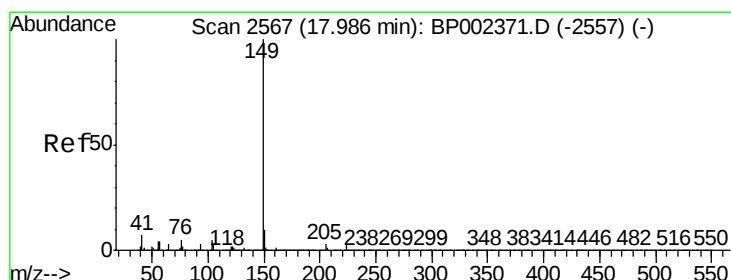
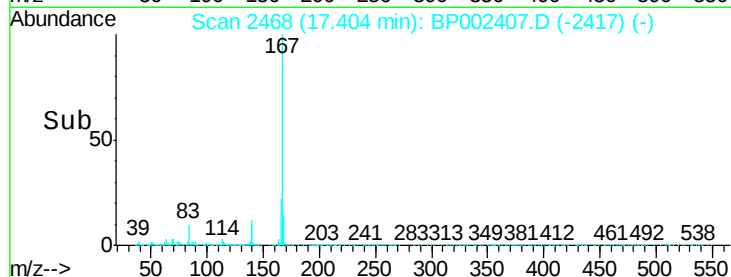
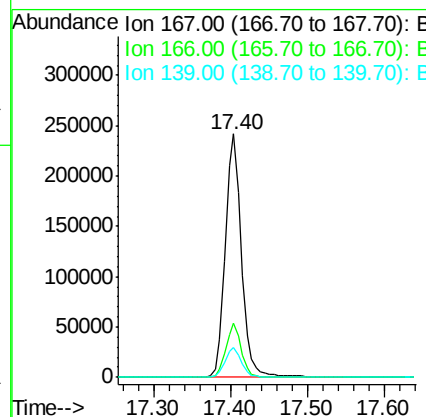
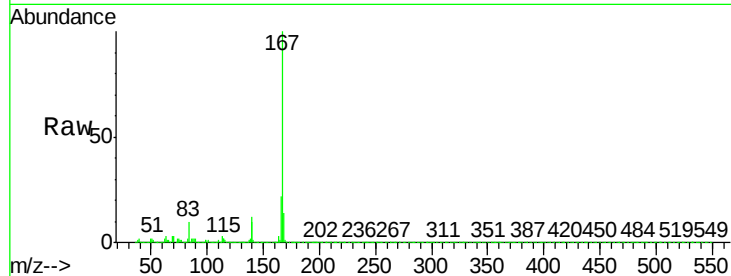
#73
 Carbazole
 Concen: 8.604 ng
 RT: 17.40 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion:	167	Resp:	352105
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.1	25.7
139	12.3	10.3	15.5

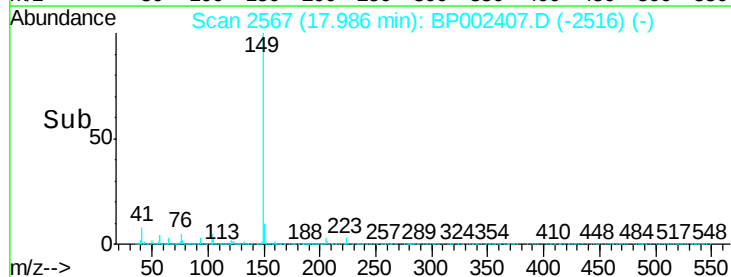
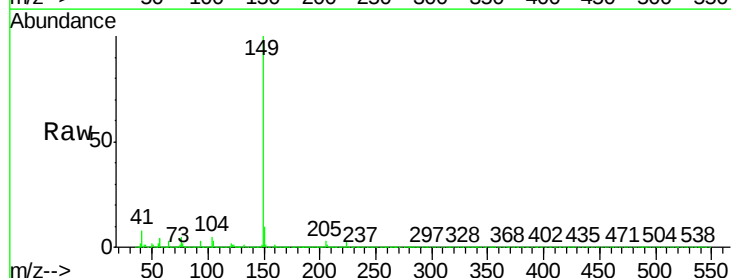
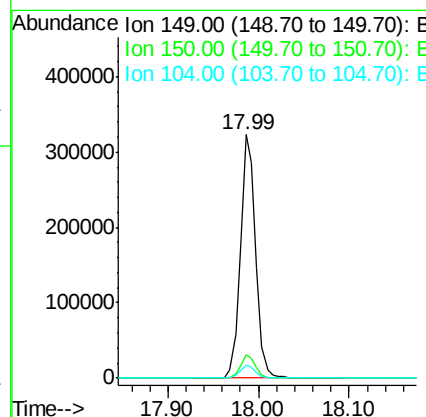
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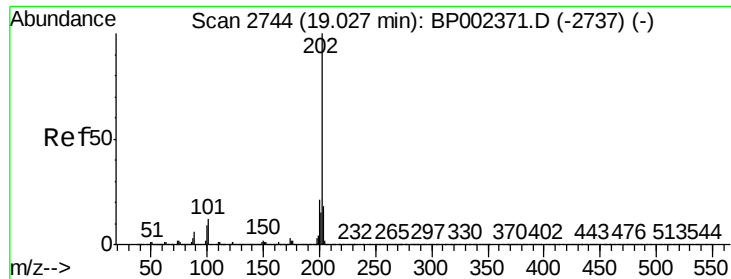
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#74
 Di-n-butylphthalate
 Concen: 7.856 ng
 RT: 17.99 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Tgt Ion:	149	Resp:	380452
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 8.794 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

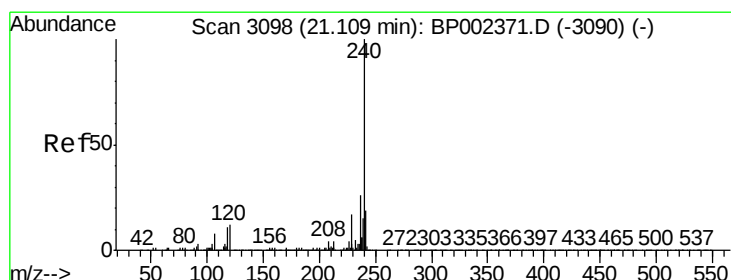
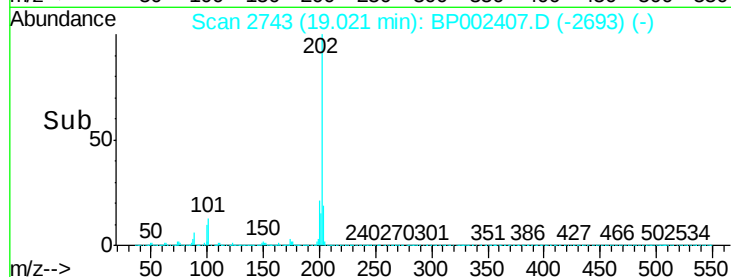
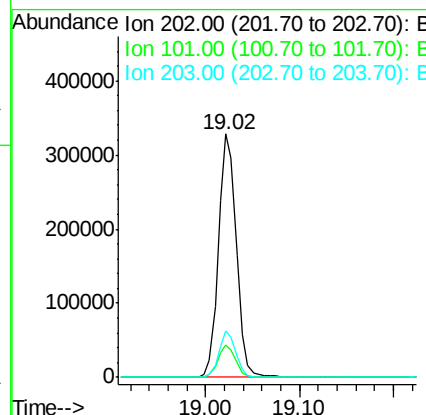
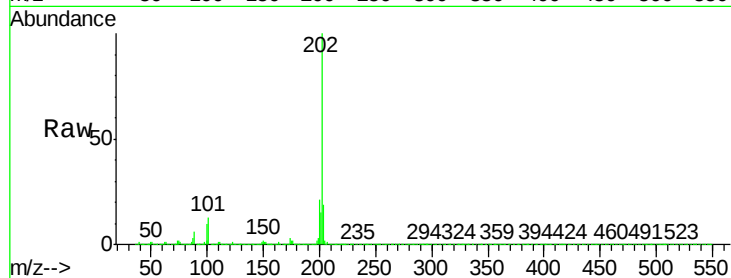
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		439554		
101	13.4	0.0	31.8		
203	19.1	0.0	38.0		

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#76

Chrysene-d12

Concen: 20.000 ng

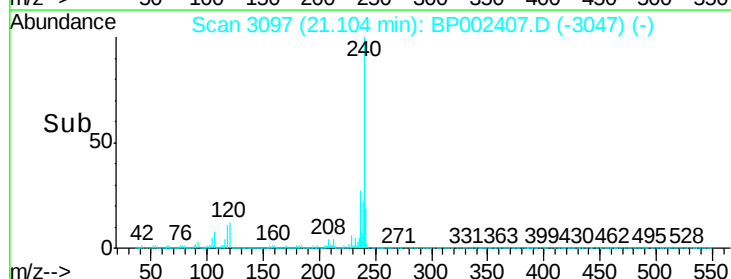
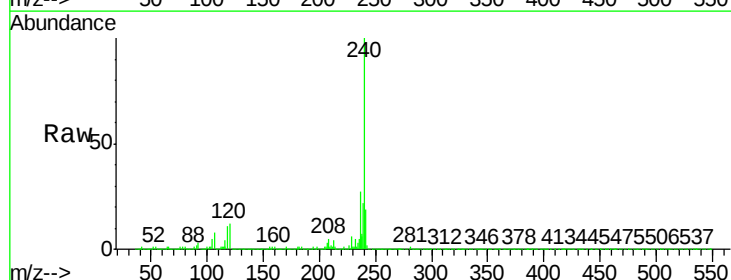
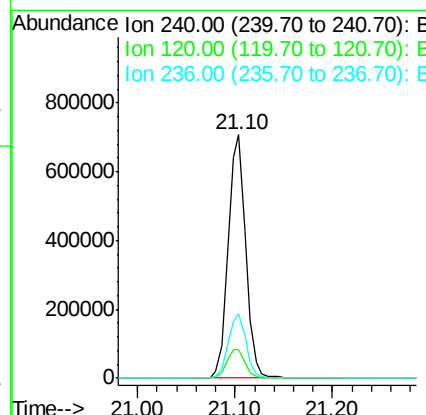
RT: 21.10 min Scan# 3097

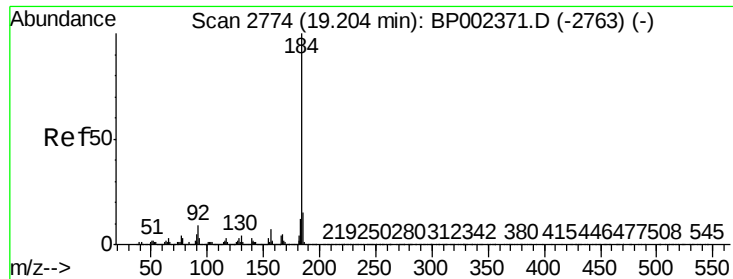
Delta R.T. -0.01 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		879402		
120	11.7	9.3	13.9		
236	26.6	21.0	31.6		





#77

Benzidine

Concen: 7.379 ng

RT: 19.21 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Instrument :

BNA_P

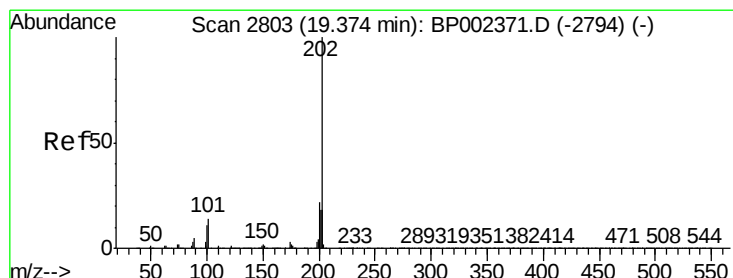
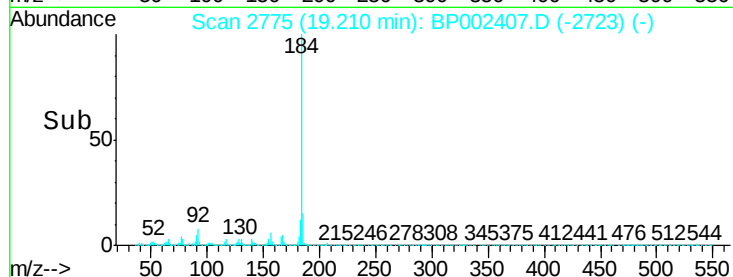
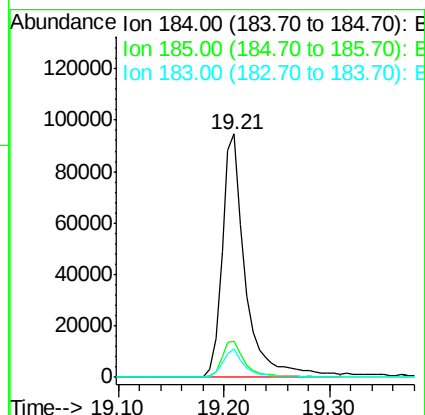
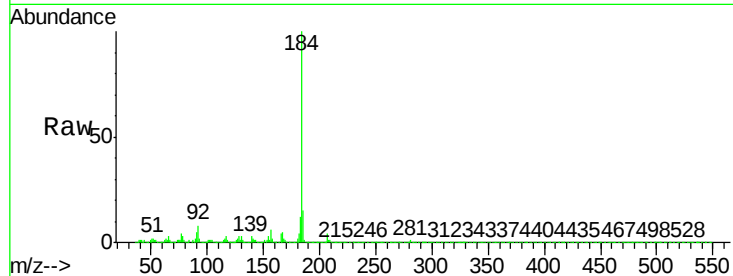
ClientSampleId :

MDL-SOIL-03-QT2-2020

Tot Ion:	184	Resp:	144999
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.8
183	11.5	9.2	13.8

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#78

Pyrene

Concen: 8.893 ng

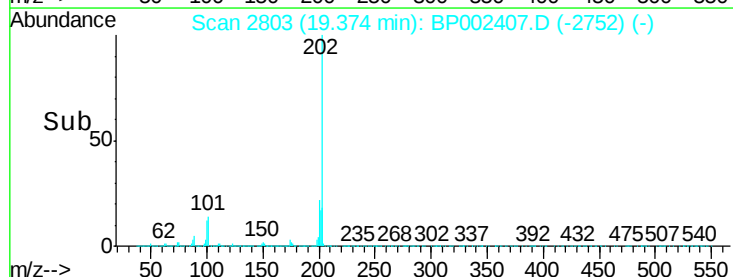
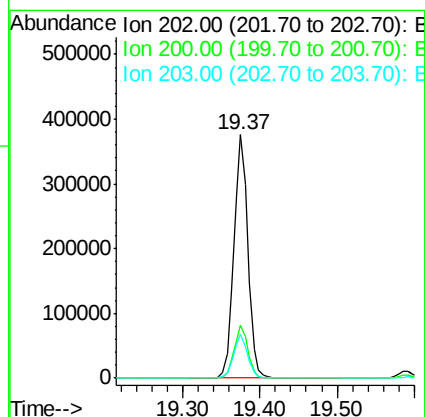
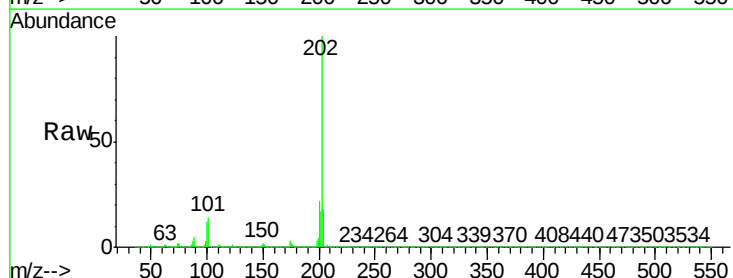
RT: 19.37 min Scan# 2803

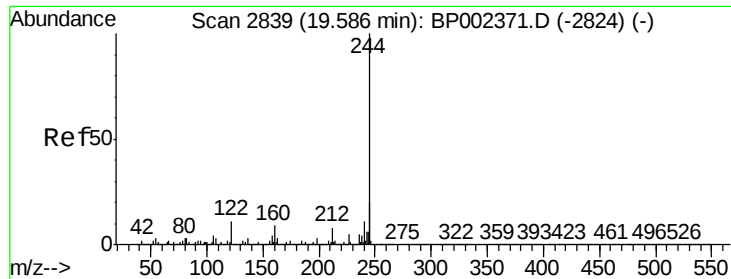
Delta R.T. 0.00 min

Lab File: BP002407.D

Acq: 15 Jun 2020 13:28

Tgt Ion:	202	Resp:	479022
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.8	14.6	22.0





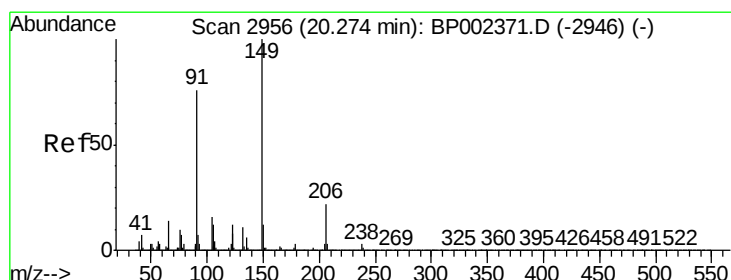
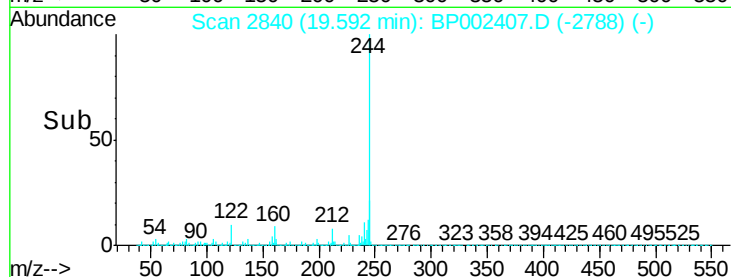
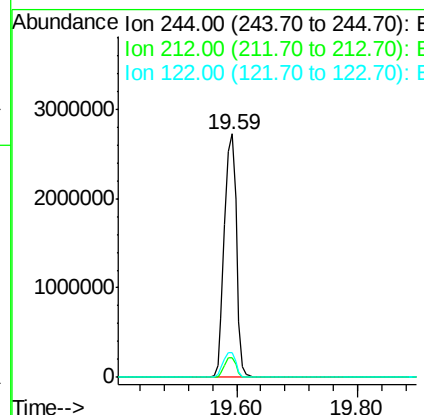
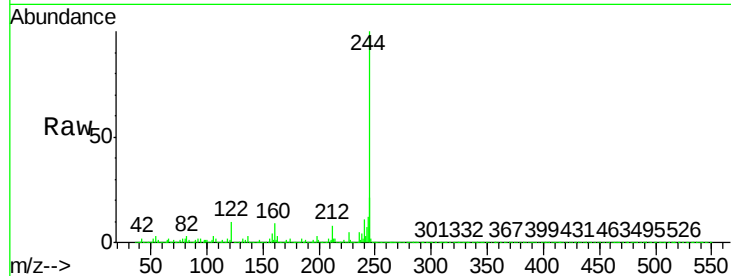
#79
 Terphenyl-d14
 Concen: 111.789 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	10.0	8.8	13.2

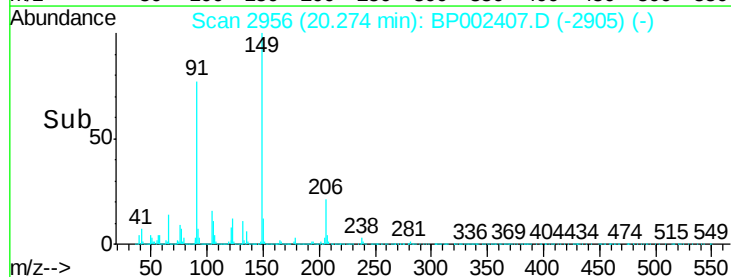
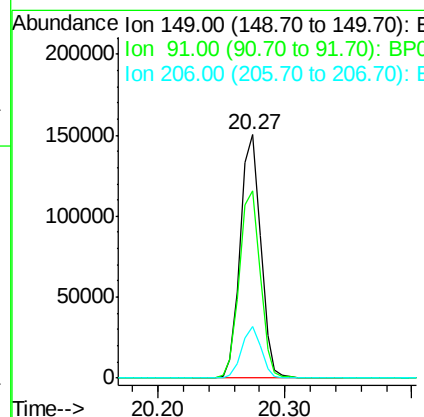
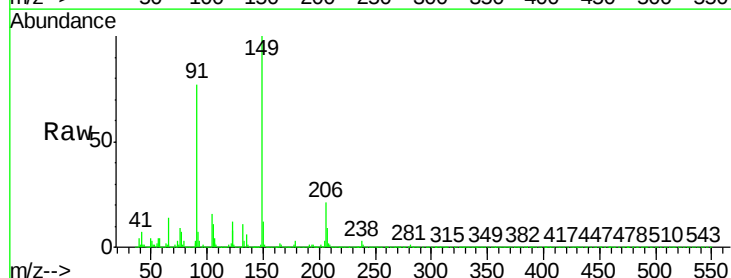
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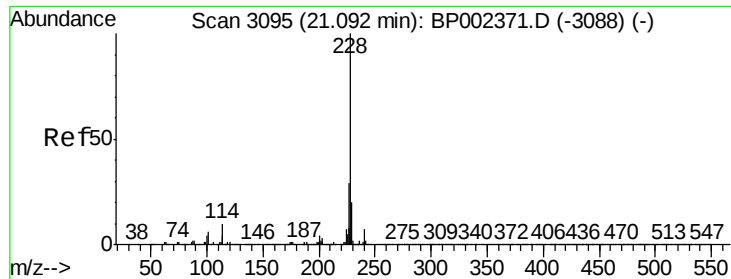
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#80
 Butylbenzylphthalate
 Concen: 6.964 ng
 RT: 20.27 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.0	61.2	91.8
206	21.0	17.8	26.6





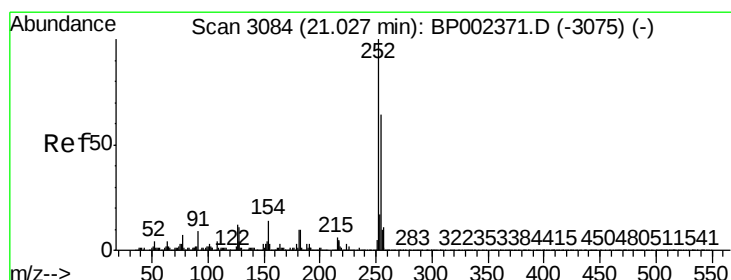
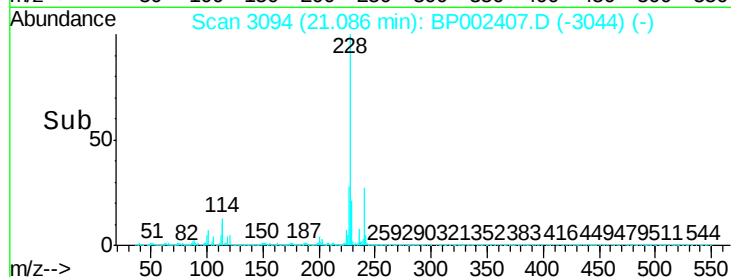
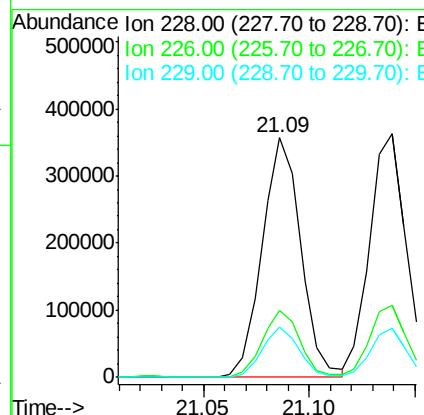
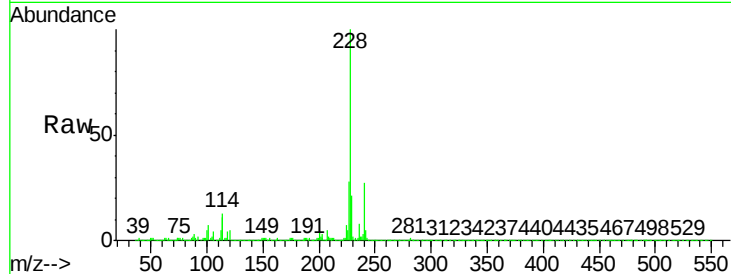
#81
Benzo(a)anthracene
Concen: 9.067 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.8	34.2
229	20.8	16.2	24.2

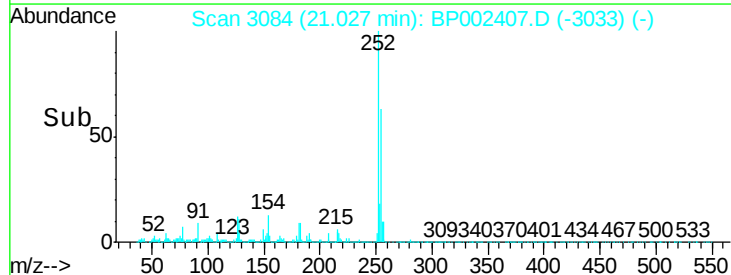
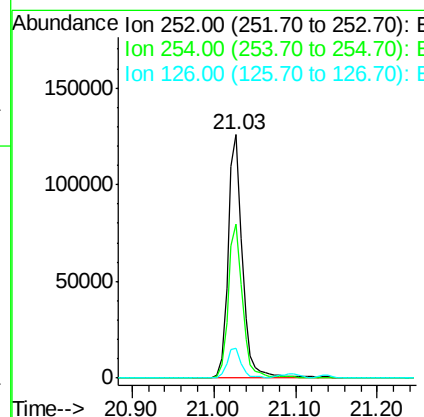
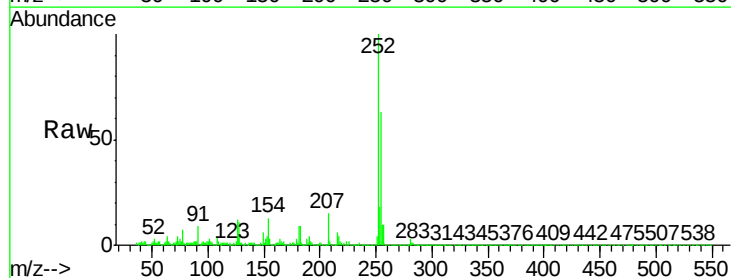
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#82
3,3'-Dichlorobenzidine
Concen: 8.229 ng
RT: 21.03 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.2
126	12.2	9.2	13.8





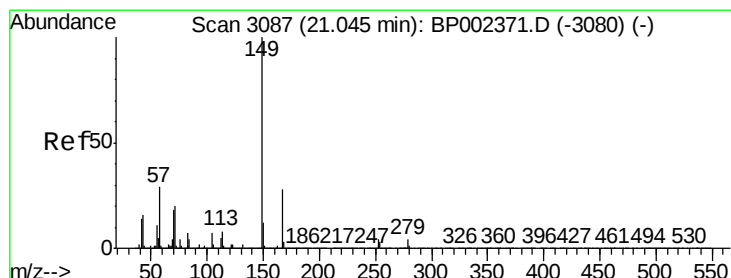
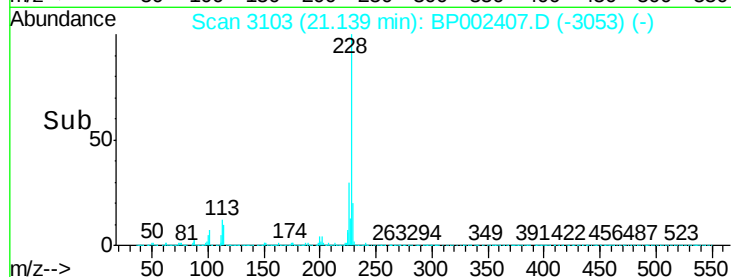
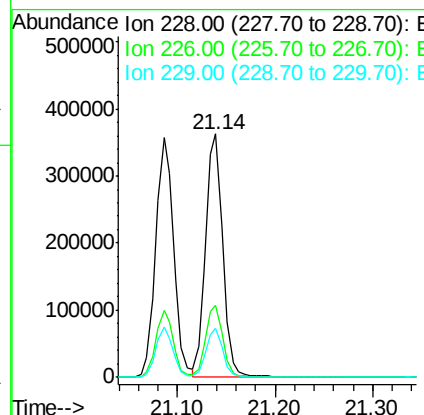
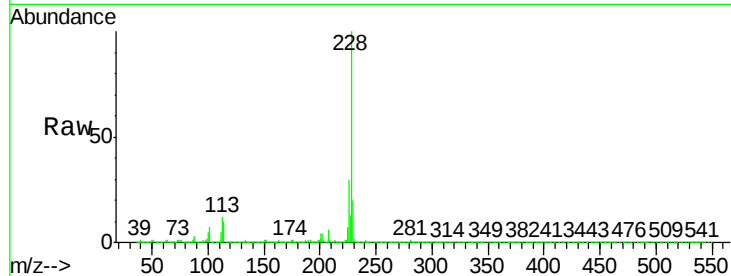
#83
Chrysene
Concen: 9.306 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.2	37.8
229	20.0	16.1	24.1

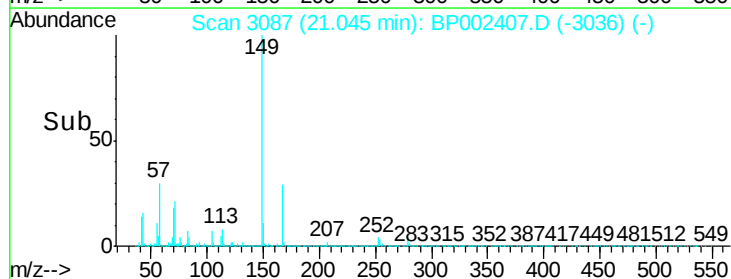
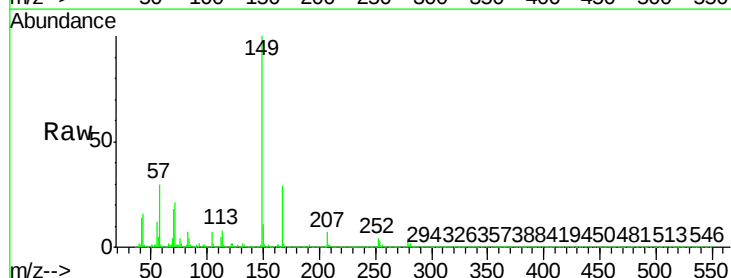
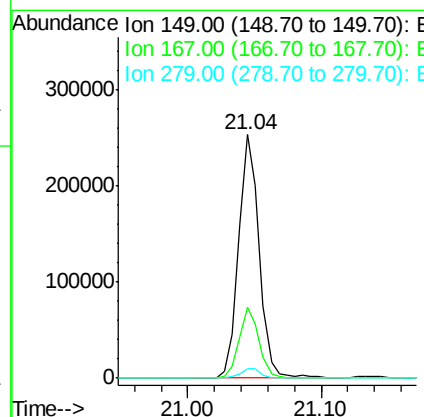
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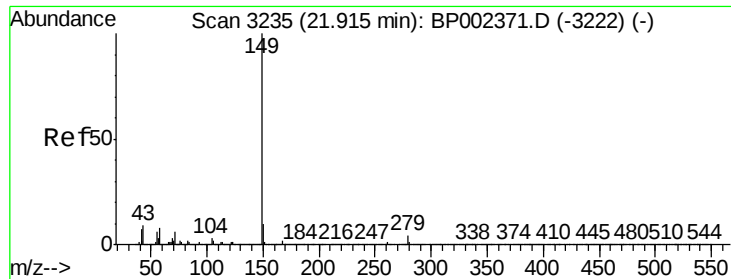
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.822 ng
RT: 21.04 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.3	33.5
279	3.8	3.2	4.8





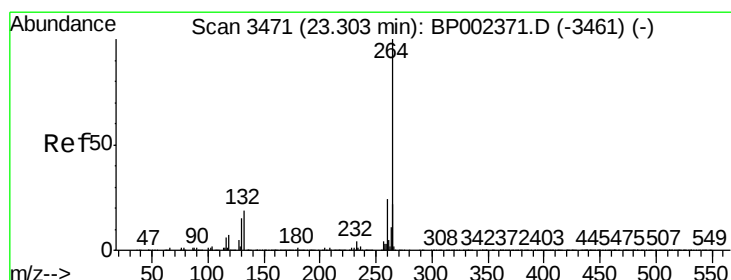
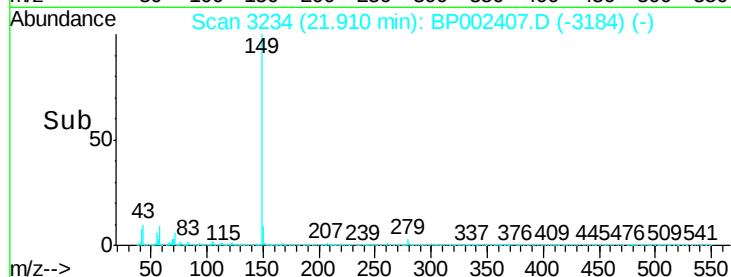
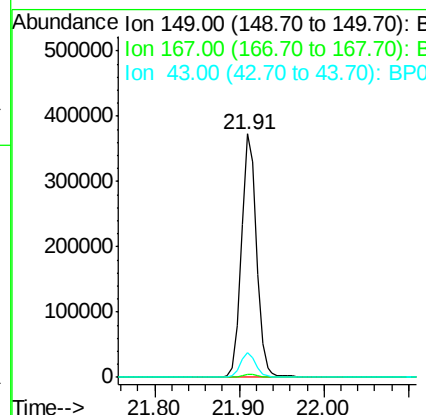
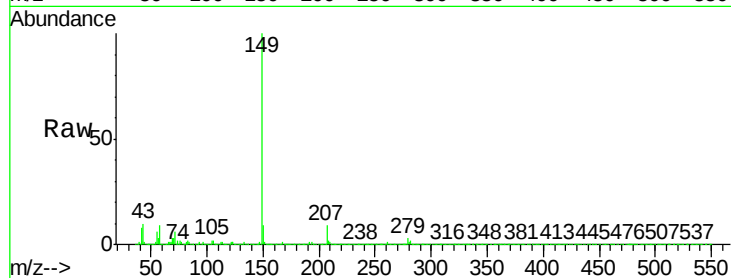
#85
Di-n-octyl phthalate
Concen: 7.350 ng
RT: 21.91 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.4	7.8	11.6

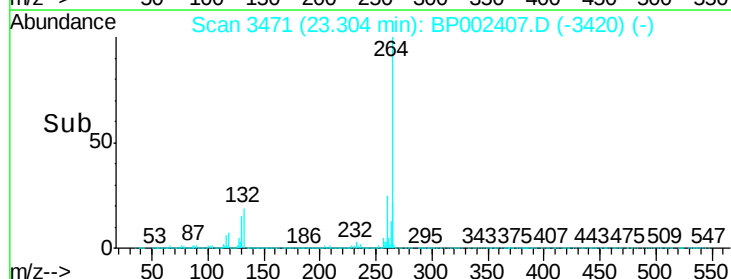
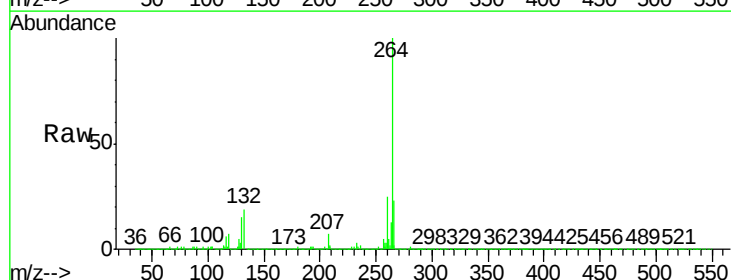
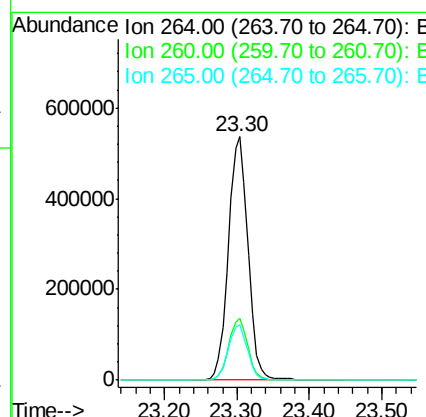
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	22.6	17.4	26.2





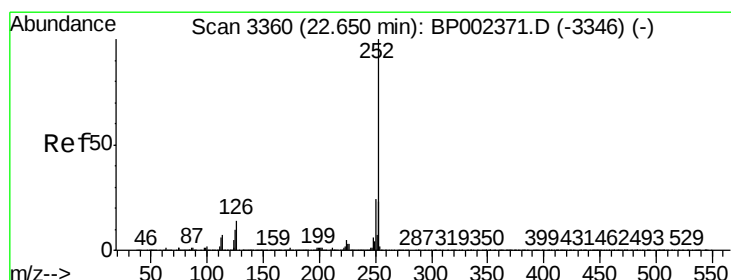
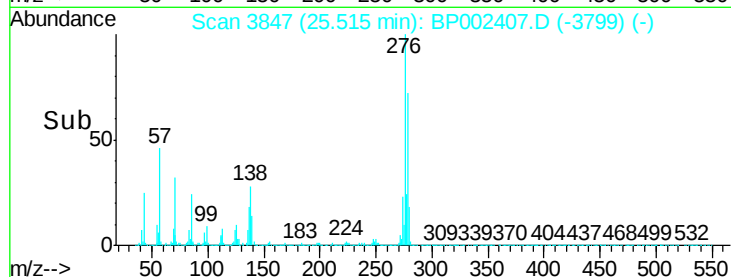
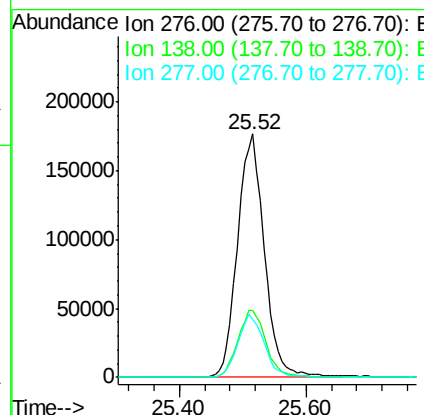
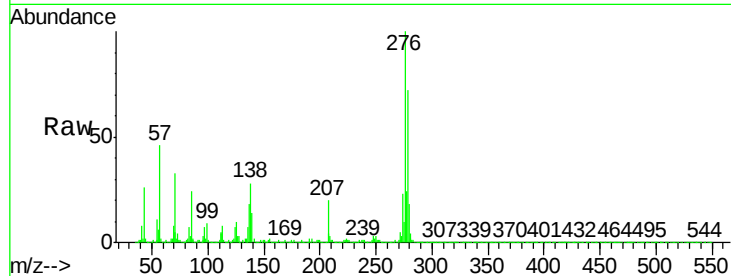
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.173 ng
 RT: 25.52 min Scan# 3847
 Delta R.T. -0.02 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.2	31.8
277	25.4	20.3	30.5

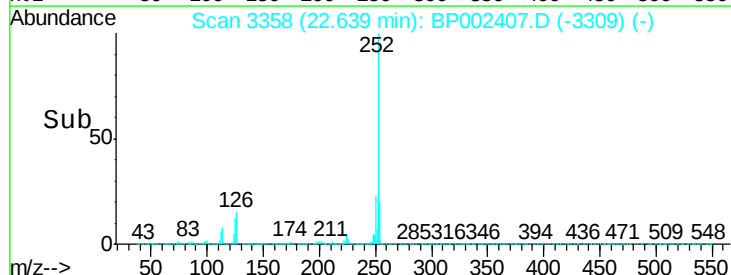
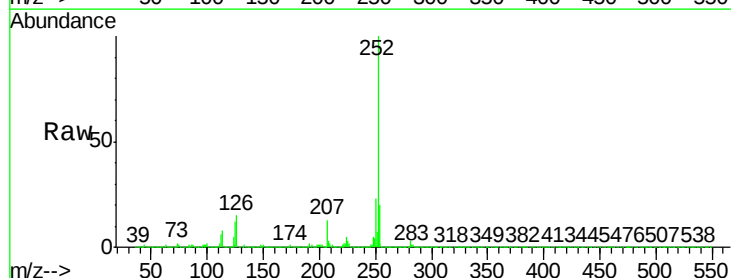
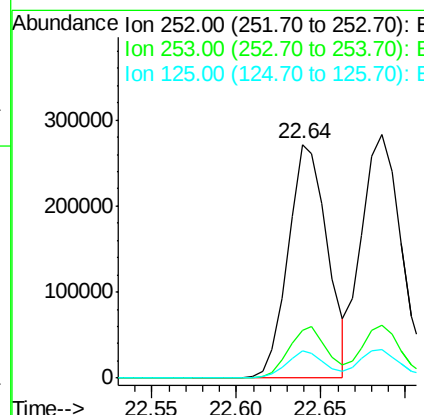
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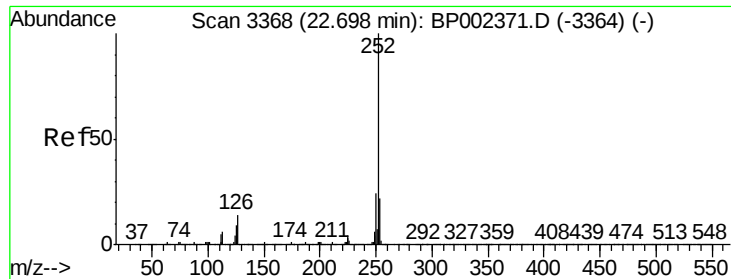
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#88
 Benzo(b)fluoranthene
 Concen: 8.062 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BP002407.D
 Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.1	27.1
125	11.6	8.2	12.2





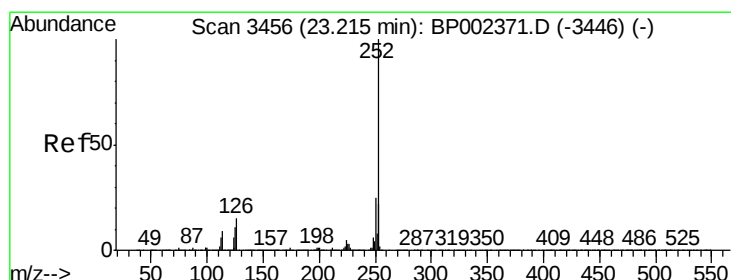
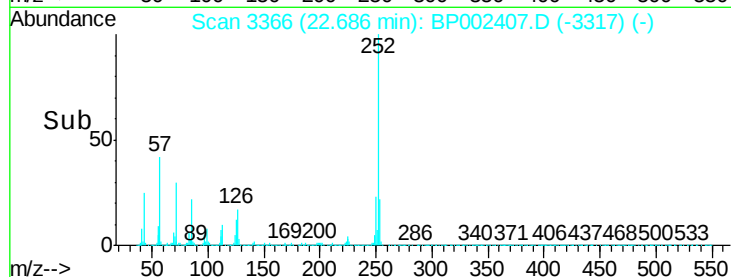
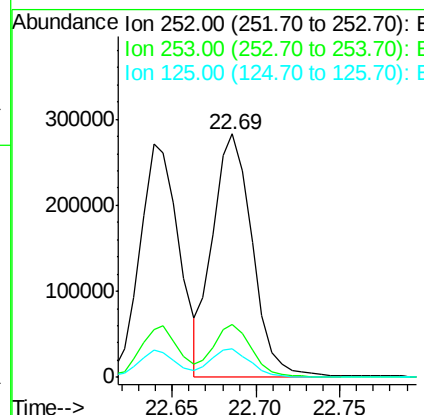
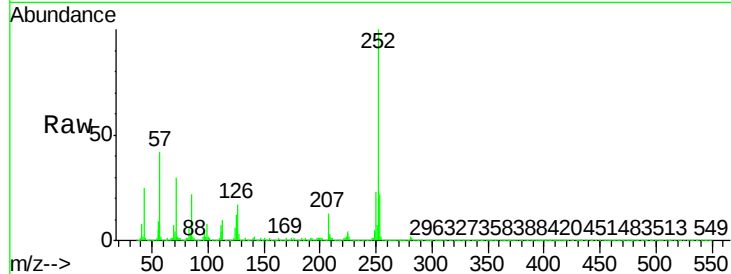
#89
Benzo(k)fluoranthene
Concen: 9.156 ng m
RT: 22.69 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.9	7.8	11.8

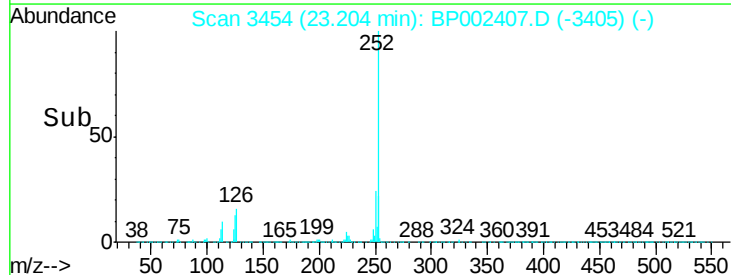
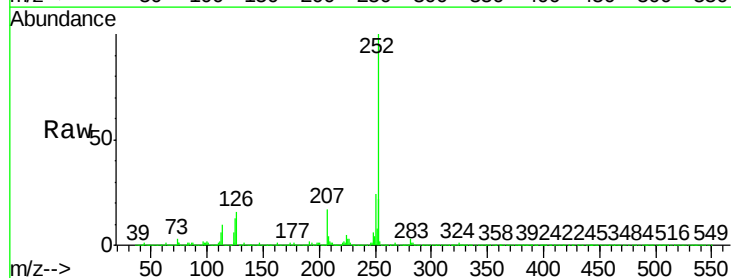
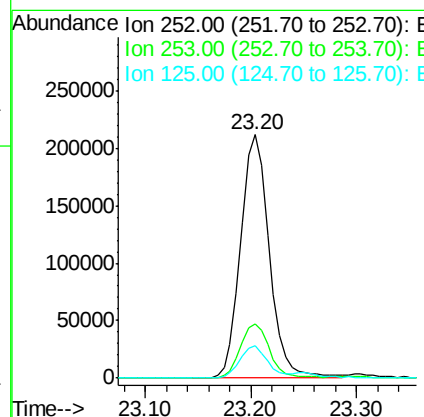
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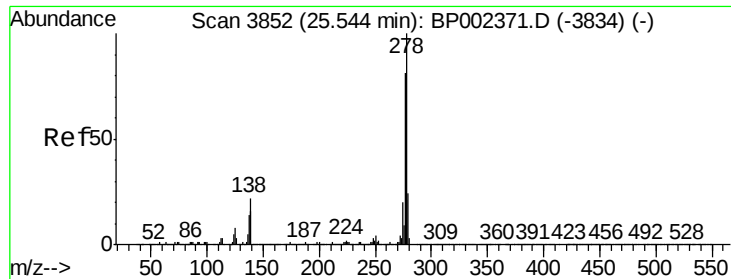
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#90
Benzo(a)pyrene
Concen: 7.846 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	13.2	9.2	13.8





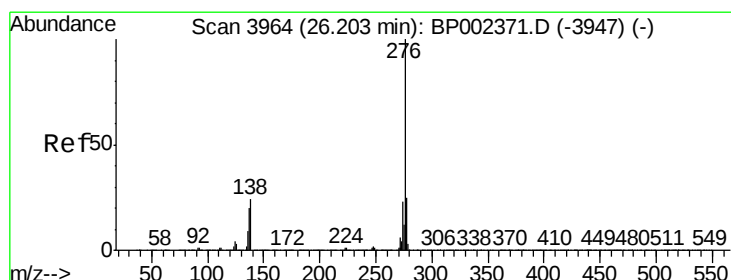
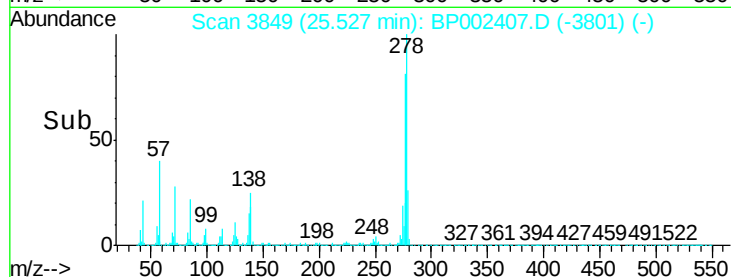
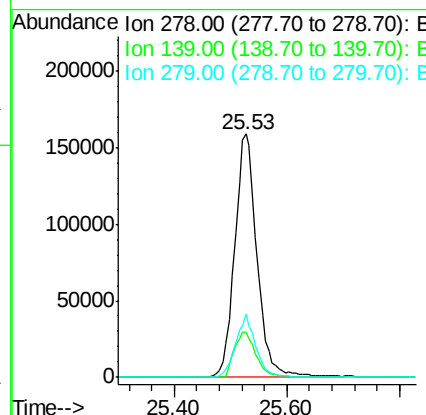
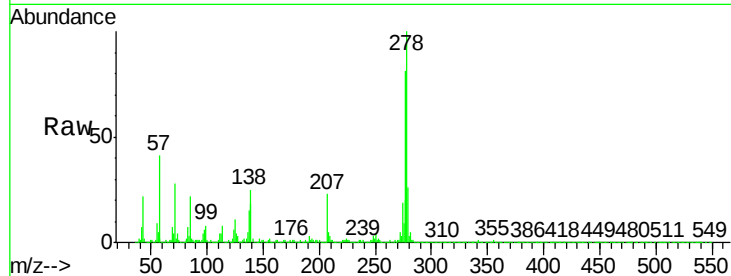
#91
Dibenzo(a,h)anthracene
Concen: 8.663 ng
RT: 25.53 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.1	19.7
279	25.8	18.9	28.3

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#92
Benzo(g,h,i)perylene
Concen: 8.381 ng
RT: 26.18 min Scan# 3960
Delta R.T. -0.02 min
Lab File: BP002407.D
Acq: 15 Jun 2020 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.8	29.6
138	24.6	19.2	28.8

