

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001425.D
 Acq On : 26 Dec 2019 16:56
 Operator : JU
 Sample : K6396-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Manual Integrations
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Quant Time: Dec 27 07:53:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	37387	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	134433	20.00	ng	0.00
39) Acenaphthene-d10	13.19	164	79693	20.00	ng	0.00
64) Phenanthrene-d10	15.59	188	152850	20.00	ng	0.00
76) Chrysene-d12	19.23	240	115200	20.00	ng	0.00
87) Perylene-d12	21.00	264	114393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	289259	125.04	ng	0.02
7) Phenol-d6	7.77	99	399255	132.27	ng	0.02
23) Nitrobenzene-d5	9.18	82	261725	74.76	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	122519	122.97	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	500093	79.35	ng	0.00
79) Terphenyl-d14	17.87	244	571953	85.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	35441	37.228	ng	96
3) Pyridine	3.43	79	89500	34.414	ng	98
4) n-Nitrosodimethylamine	3.36	42	77909	47.311	ng	97
6) Aniline	7.77	93	169115	44.506	ng	# 79
8) 2-Chlorophenol	7.96	128	119159	51.237	ng	94
9) Benzaldehyde	7.59	77	83686	39.521	ng	98
10) Phenol	7.79	94	181943	52.753	ng	# 74
11) bis(2-Chloroethyl)ether	7.90	93	112651	46.169	ng	96
12) 1,3-Dichlorobenzene	8.19	146	137411	47.436	ng	99
13) 1,4-Dichlorobenzene	8.32	146	140002	47.438	ng	99
14) 1,2-Dichlorobenzene	8.55	146	134664	47.896	ng	98
15) Benzyl Alcohol	8.53	79	132058	46.625	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	148780	38.501	ng	66
17) 2-Methylphenol	8.73	107	104776	50.984	ng	98
18) Hexachloroethane	9.09	117	55697	44.363	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	96204	44.895	ng	99
20) 3+4-Methylphenols	8.98	107	133926	49.109	ng	96
22) Acetophenone	8.94	105	186550	43.882	ng	# 99
24) Nitrobenzene	9.20	77	152119	44.150	ng	100
25) Isophorone	9.60	82	251865	44.744	ng	99
26) 2-Nitrophenol	9.72	139	61536	50.085	ng	99
27) 2,4-Dimethylphenol	9.82	122	107603	59.547	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	141550	42.104	ng	100
29) 2,4-Dichlorophenol	10.12	162	111123	49.664	ng	99
30) 1,2,4-Trichlorobenzene	10.24	180	128600	46.726	ng	96
31) Naphthalene	10.36	128	349355	47.607	ng	99
32) Benzoic acid	10.05	122	62586	43.377	ng	93
33) 4-Chloroaniline	10.46	127	104884	34.949	ng	97
34) Hexachlorobutadiene	10.58	225	83758	43.632	ng	92
35) Caprolactam	11.05	113	31694m	47.603	ng	
36) 4-Chloro-3-methylphenol	11.29	107	122981	47.034	ng	97
37) 2-Methylnaphthalene	11.49	142	252776	49.895	ng	99
38) 1-Methylnaphthalene	11.65	142	237191	49.800	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	138683	47.065	ng	98

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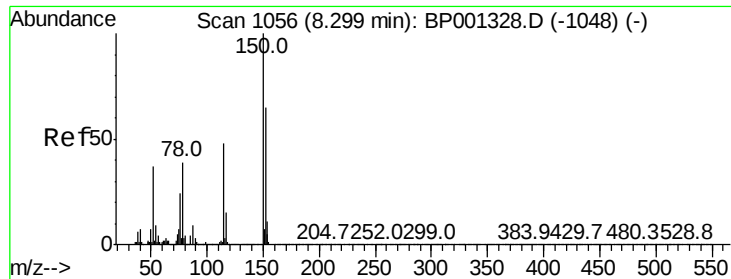
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	139315	95.592	nq	98
43) 2,4,6-Trichlorophenol	11.96	196	87337	48.194	nq	98
44) 2,4,5-Trichlorophenol	12.03	196	94218	50.602	nq	99
46) 1,1'-Biphenyl	12.26	154	318957	47.827	nq	98
47) 2-Chloronaphthalene	12.28	162	251297	46.612	nq	99
48) 2-Nitroaniline	12.46	65	90656	41.993	nq	97
49) Acenaphthylene	12.96	152	383644	48.679	nq	99
50) Dimethylphthalate	12.79	163	313754	47.990	nq	99
51) 2,6-Dinitrotoluene	12.87	165	62675	47.211	nq	89
52) Acenaphthene	13.24	154	223258	47.017	nq	99
53) 3-Nitroaniline	13.13	138	45871	32.193	nq	94
54) 2,4-Dinitrophenol	13.32	184	54983	107.259	nq	92
55) Dibenzofuran	13.53	168	361467	48.585	nq	98
56) 4-Nitrophenol	13.46	139	87851	86.223	nq	97
57) 2,4-Dinitrotoluene	13.53	165	86279	46.760	nq	# 94
58) Fluorene	14.09	166	282655	47.500	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.74	232	73820	46.179	nq	96
60) Diethylphthalate	13.95	149	287012	42.562	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	148875	47.593	nq	98
62) 4-Nitroaniline	12.46	138	75000	45.453	nq	95
63) Azobenzene	14.36	77	306746	43.208	nq	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	40581	59.281	nq	94
66) n-Nitrosodiphenylamine	14.30	169	242407	50.025	nq	100
67) 4-Bromophenyl-phenylether	14.90	248	86894	48.083	nq	99
68) Hexachlorobenzene	14.99	284	97718	47.498	nq	95
69) Atrazine	15.20	200	82001	47.111	nq	99
70) Pentachlorophenol	15.31	266	92529	87.702	nq	97
71) Phenanthrene	15.62	178	416370	47.746	nq	100
72) Anthracene	15.70	178	430534	49.872	nq	100
73) Carbazole	15.95	167	359058	46.652	nq	99
74) Di-n-butylphthalate	16.50	149	444560	42.090	nq	99
75) Fluoranthene	17.33	202	456185	46.783	nq	99
77) Benzidine	17.53	184	235057	70.081	nq	99
78) Pyrene	17.64	202	463290	51.796	nq	100
80) Butylbenzylphthalate	18.52	149	182297	43.716	nq	94
81) Benzo(a)anthracene	19.22	228	405956	48.360	nq	100
82) 3,3'-Dichlorobenzidine	19.19	252	146149	50.138	nq	97
83) Chrysene	19.27	228	397516	49.061	nq	100
84) Bis(2-ethylhexyl)phthalate	19.27	149	261067	42.665	nq	99
85) Di-n-octyl phthalate	20.05	149	424929	41.899	nq	97
86) Indeno(1,2,3-cd)pyrene	22.63	276	389796	44.544	nq	98
88) Benzo(b)fluoranthene	20.52	252	372427	49.574	nq	99
89) Benzo(k)fluoranthene	20.55	252	359233	50.198	nq	# 99
90) Benzo(a)pyrene	20.93	252	328663	48.024	nq	99
91) Dibenzo(a,h)anthracene	22.66	278	334871	50.045	nq	99
92) Benzo(g,h,i)perylene	23.12	276	435684	68.140	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

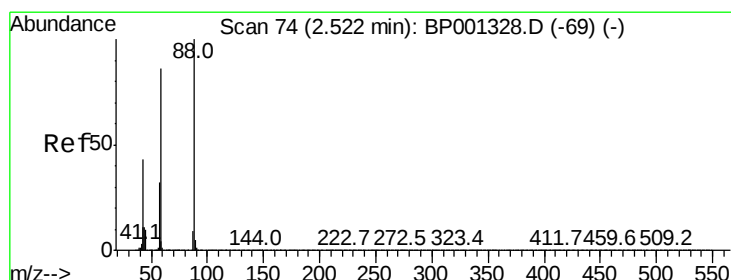
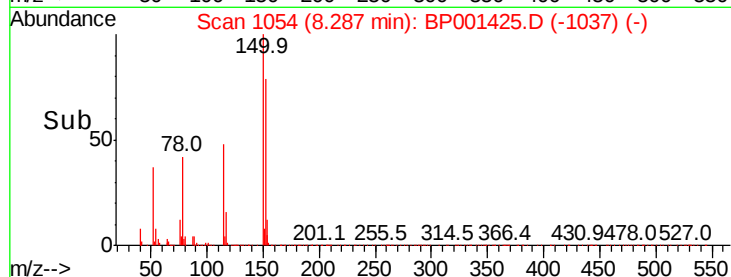
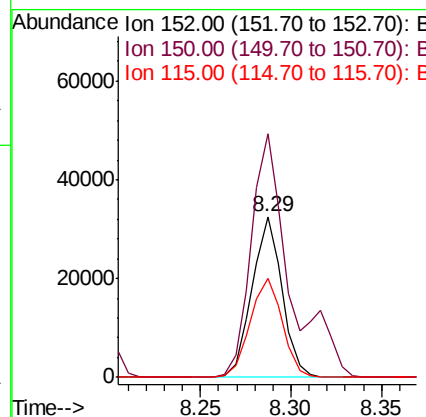
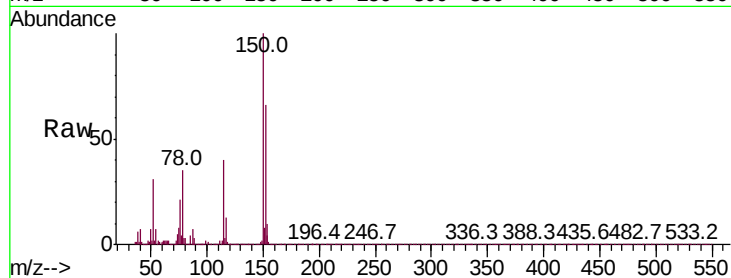
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	152	Resp:	37387
Ion	Ratio	Lower	Upper
152	100		
150	151.4	127.0	190.6
115	61.2	56.1	84.1

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#2

1,4-Dioxane

Concen: 37.228 ng

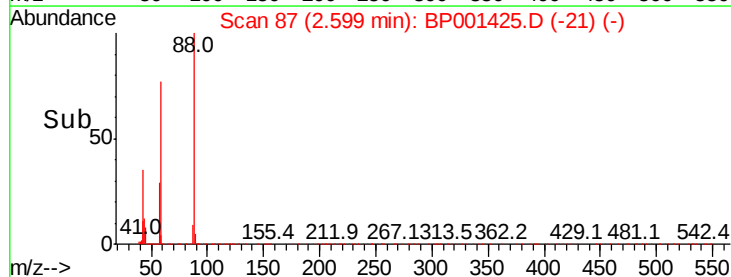
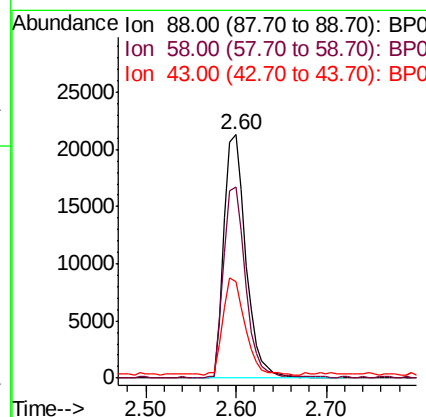
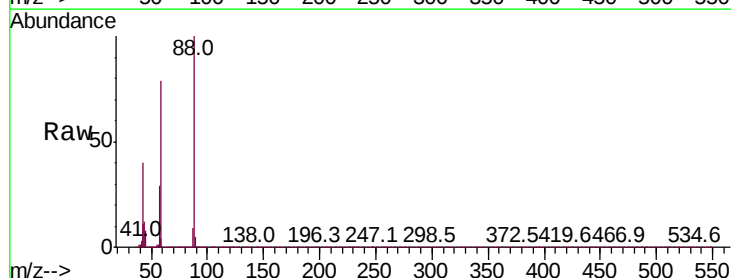
RT: 2.60 min Scan# 87

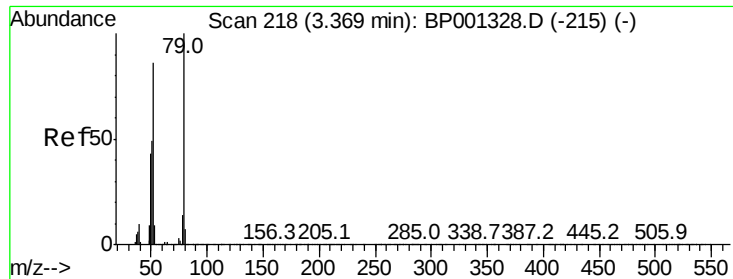
Delta R.T. 0.09 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	88	Resp:	35441
Ion	Ratio	Lower	Upper
88	100		
58	79.1	66.9	100.3
43	40.0	32.9	49.3





#3

Pvridine

Concen: 34.414 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.08 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

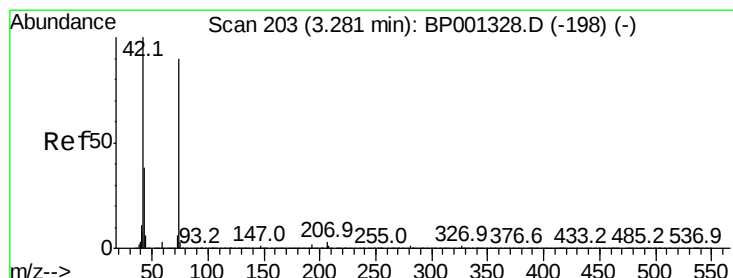
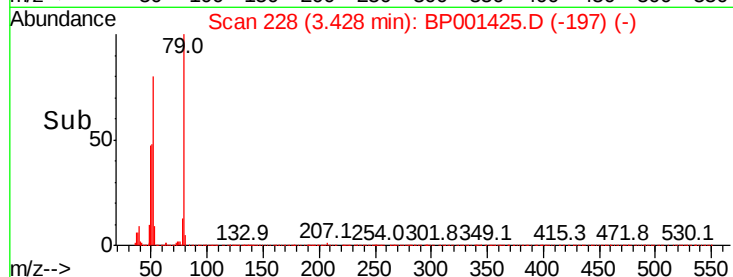
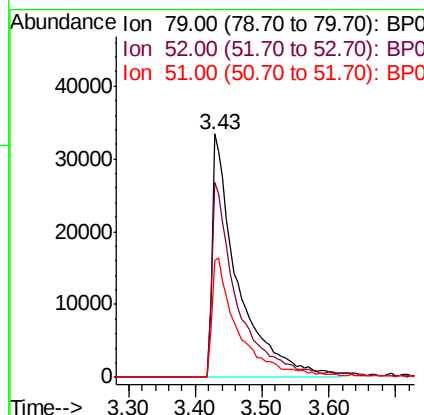
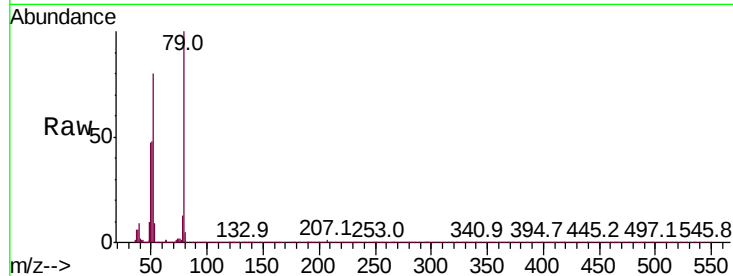
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	79	Resp:	89500
Ion Ratio	Lower	Upper	
79	100		
52	80.0	64.6	96.8
51	48.1	40.2	60.2

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#4

n-Nitrosodimethylamine

Concen: 47.311 ng

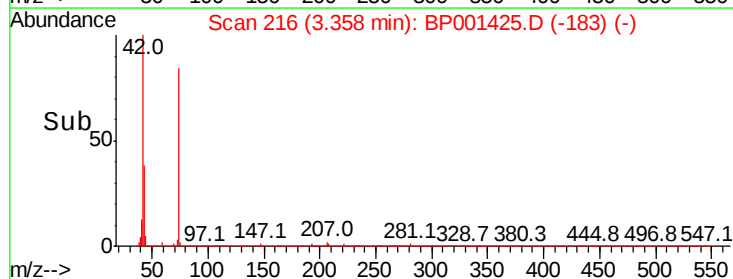
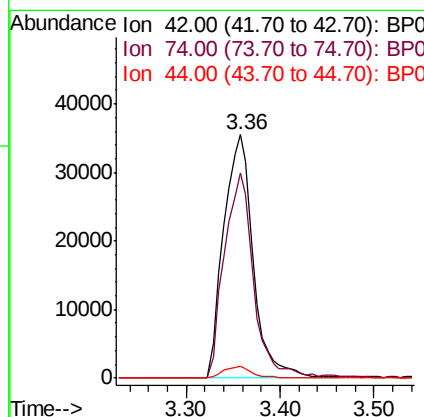
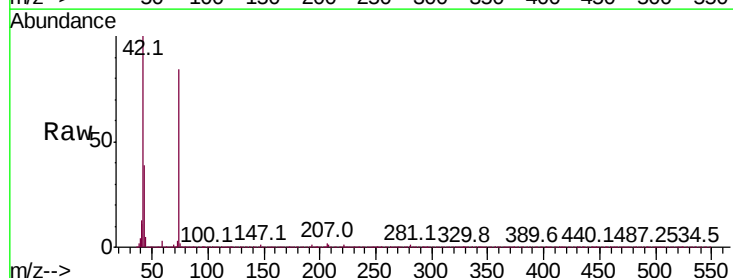
RT: 3.36 min Scan# 216

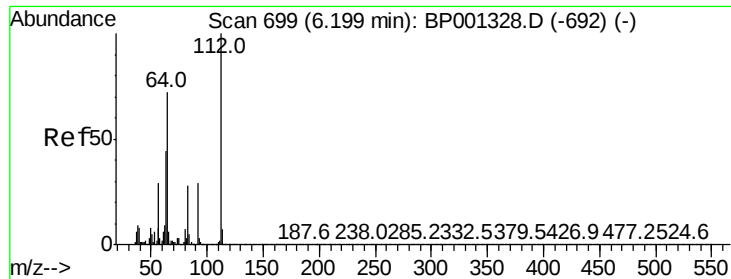
Delta R.T. 0.09 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	42	Resp:	77909
Ion Ratio	Lower	Upper	
42	100		
74	84.1	65.3	97.9
44	4.9	3.8	5.6





#5

2-Fluorophenol

Concen: 125.043 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

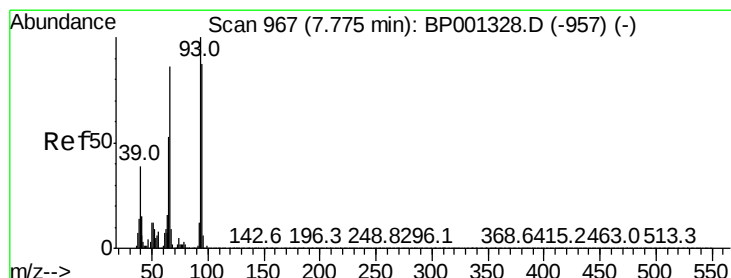
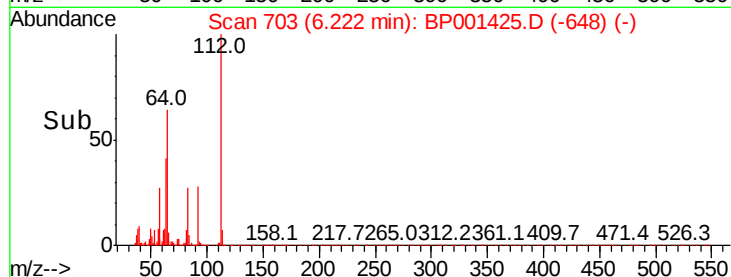
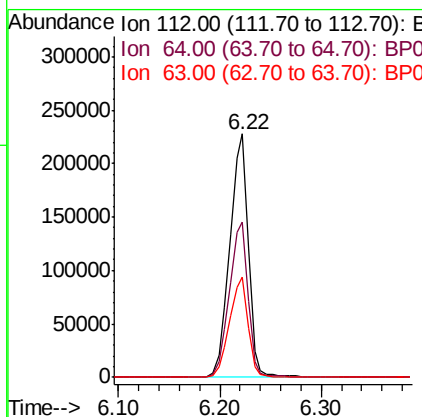
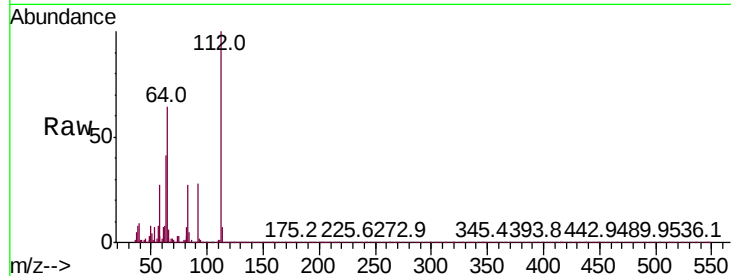
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		289259		
64	63.9	53.9	80.9		
63	41.1	33.4	50.0		

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#6

Aniline

Concen: 44.506 ng

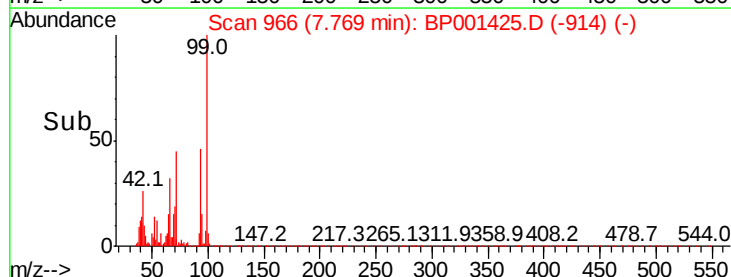
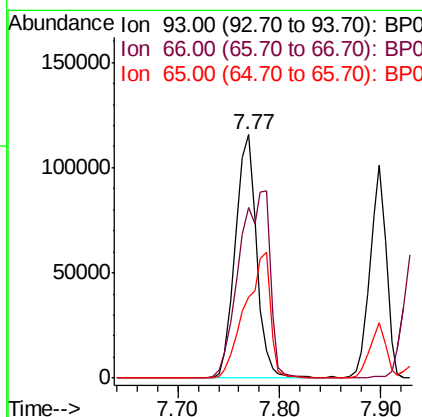
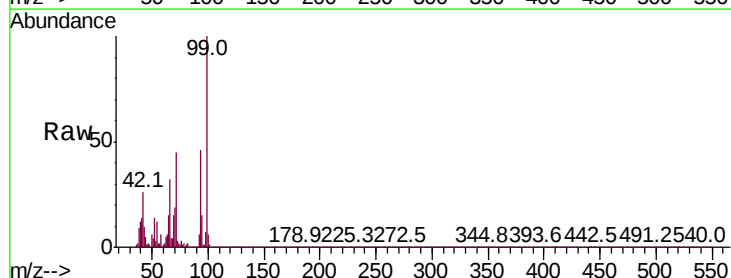
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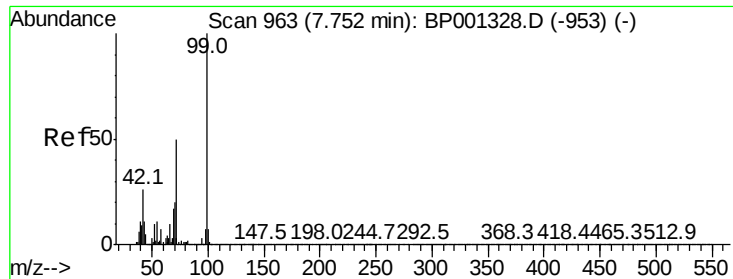
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		169115		
66	70.1	69.0	103.6		
65	33.2	41.1	61.7#		





#7

Phenol-d6

Concen: 132.268 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

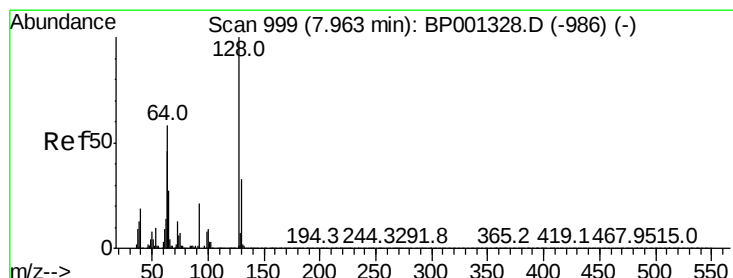
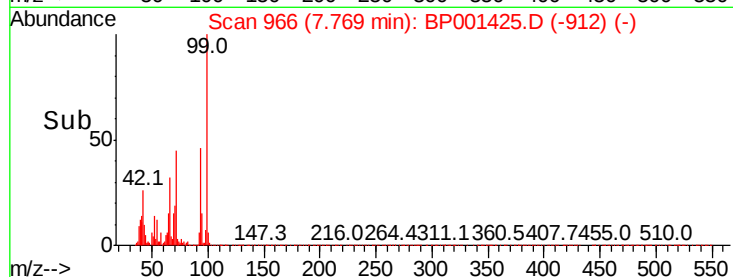
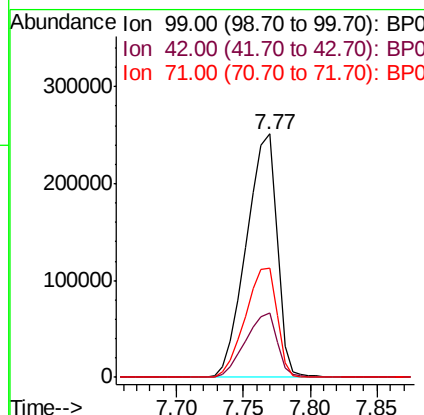
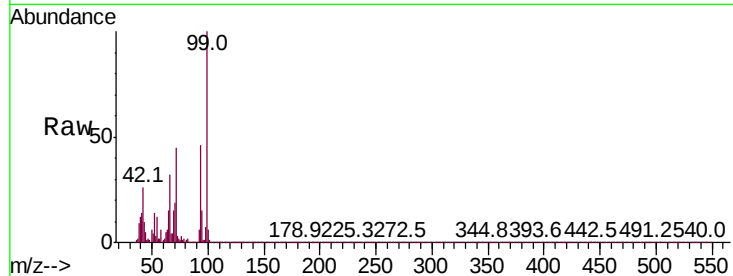
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		399255		
42	26.3	20.8	31.2		
71	45.1	38.2	57.4		

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#8

2-Chlorophenol

Concen: 51.237 ng

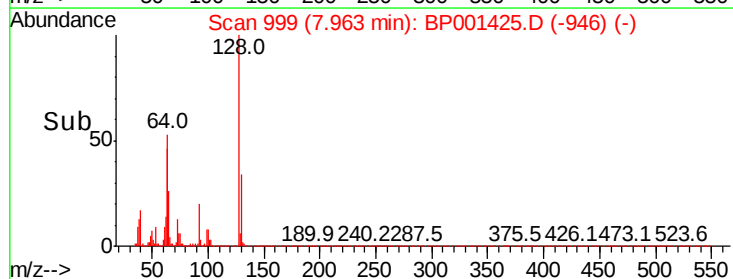
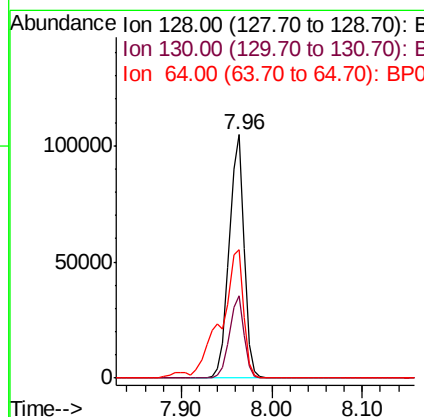
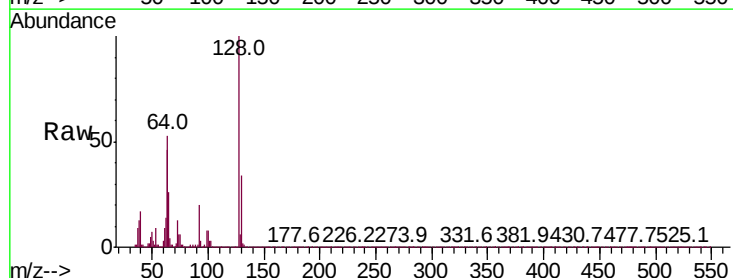
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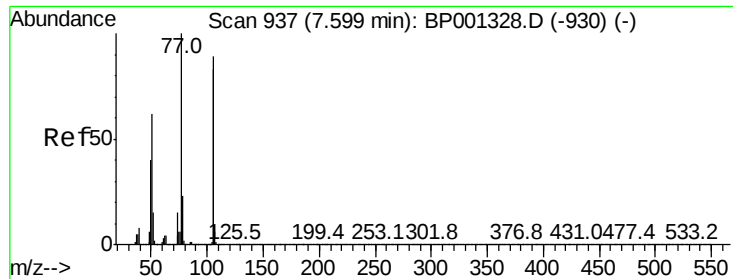
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		119159		
130	33.9	10.7	50.7		
64	52.8	37.7	77.7		





#9

Benzaldehyde

Concen: 39.521 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

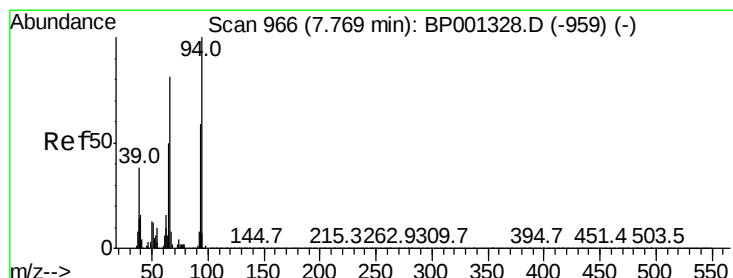
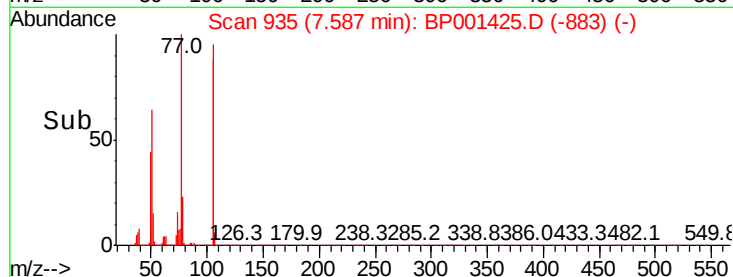
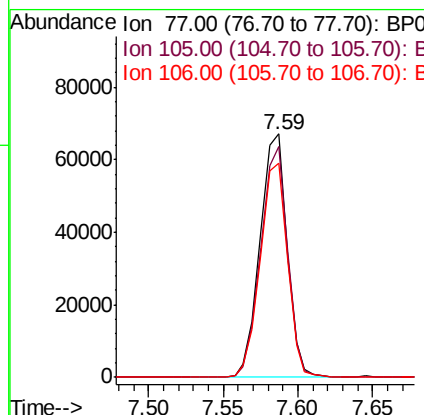
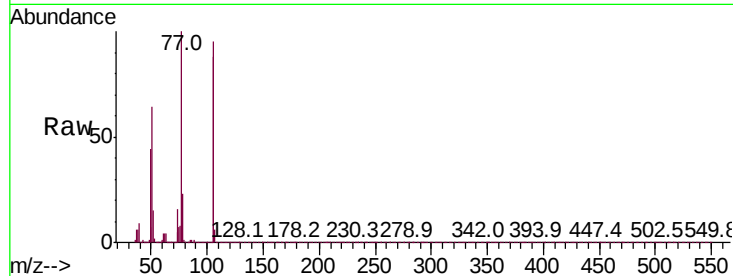
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	94.8	75.7	115.7	
106	87.8	70.5	110.5	

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#10

Phenol

Concen: 52.753 ng

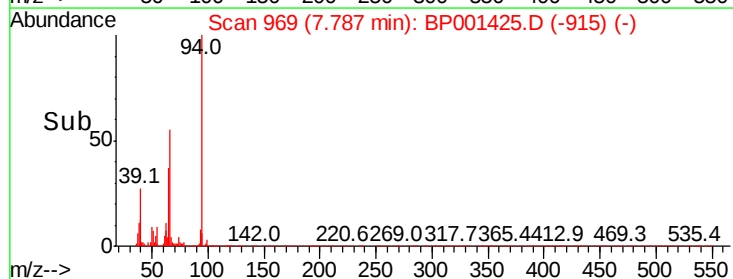
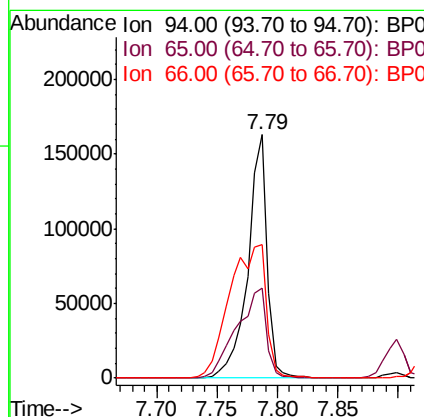
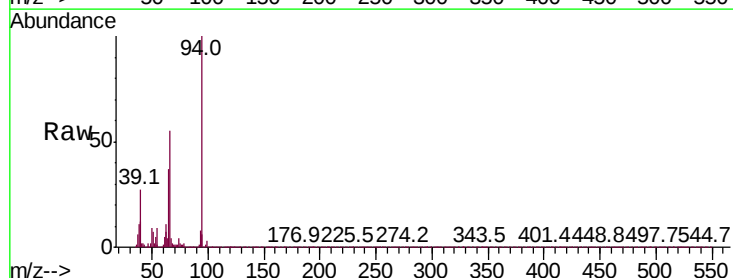
RT: 7.79 min Scan# 969

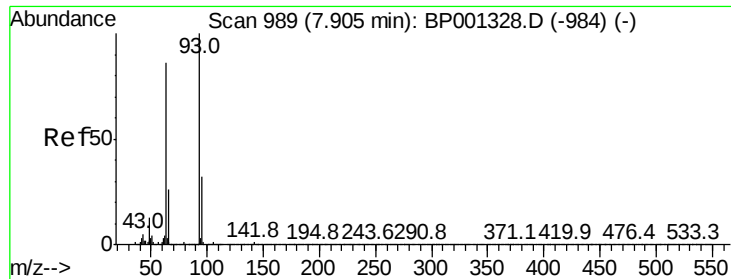
Delta R.T. 0.02 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	36.8	29.6	69.6	
66	54.7	62.3	102.3	





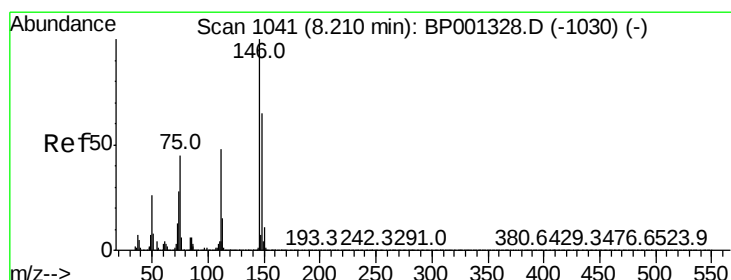
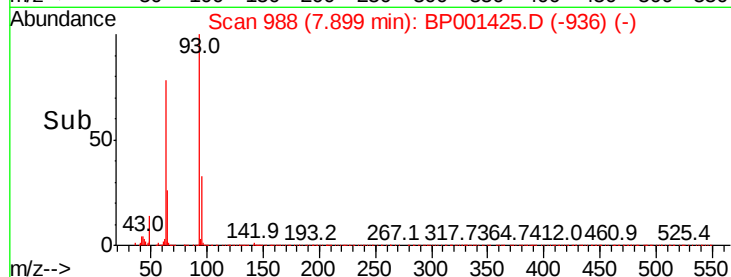
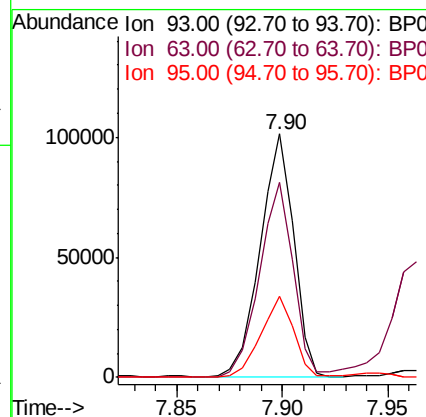
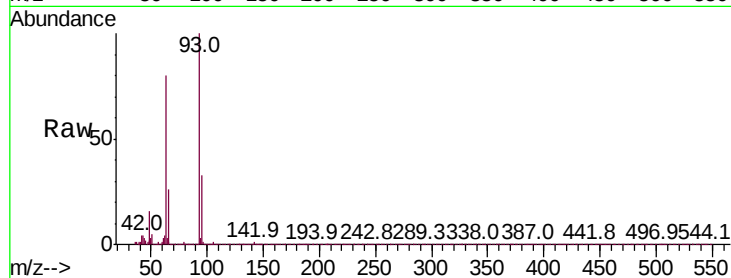
#11
bis(2-Chloroethyl)ether
Concen: 46.169 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	64.9	104.9
95	33.4	12.8	52.8

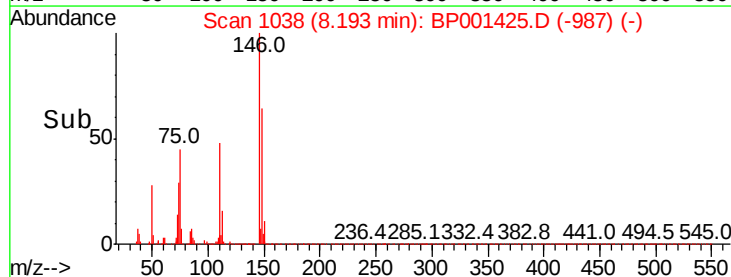
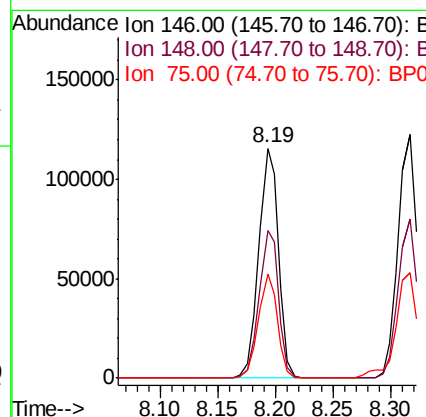
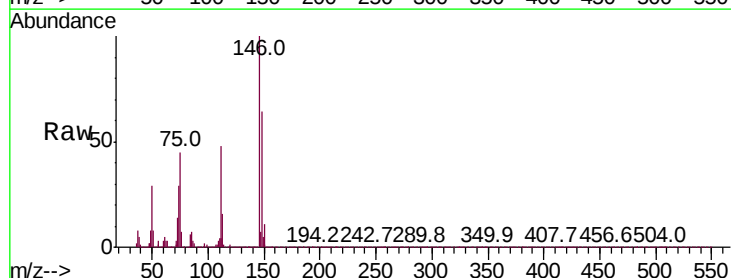
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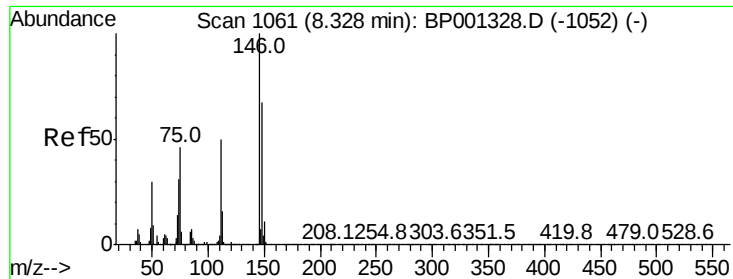
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.436 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
75	45.4	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 47.438 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BP001425.D

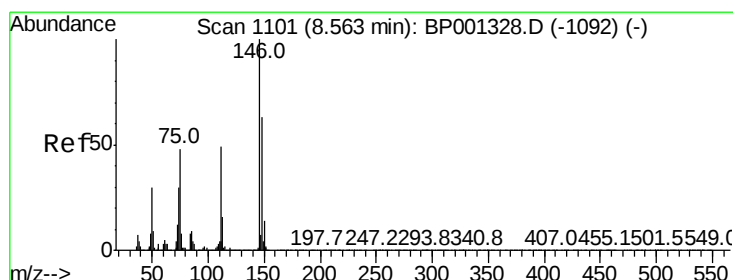
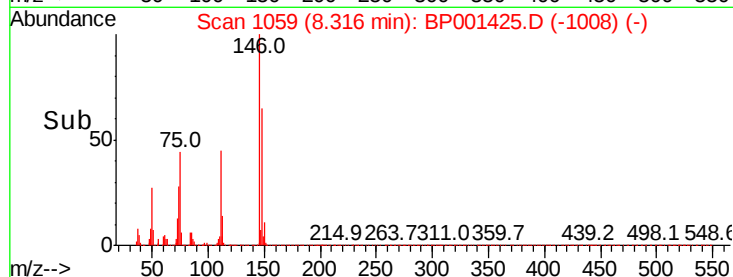
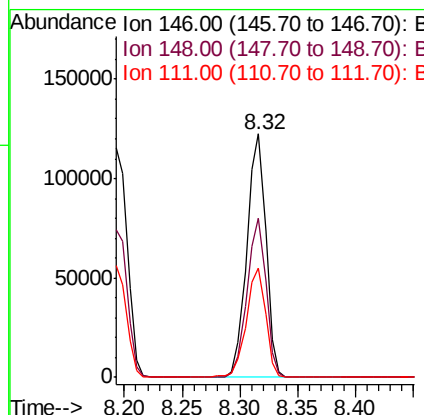
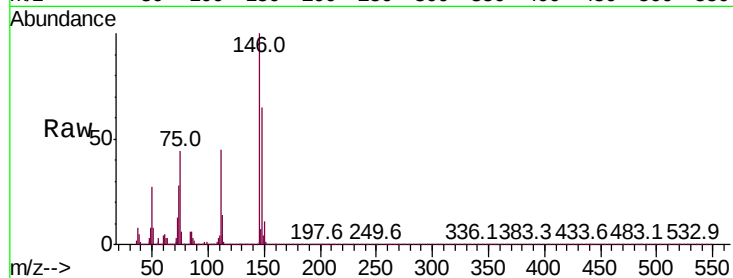
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	44.8	36.8	55.2

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#14

1,2-Dichlorobenzene

Concen: 47.896 ng

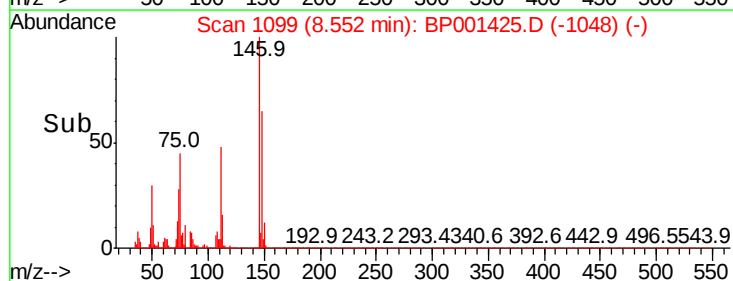
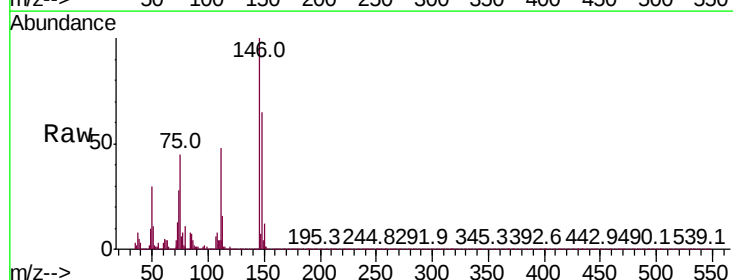
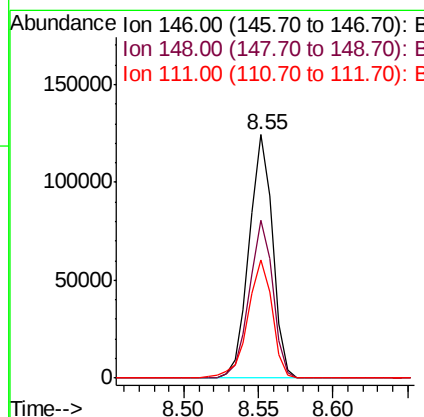
RT: 8.55 min Scan# 1099

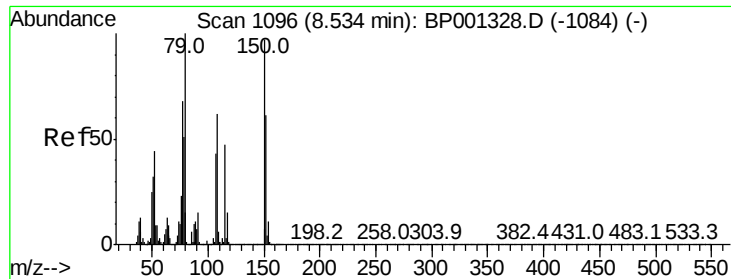
Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.1	79.7
111	48.5	39.5	59.3





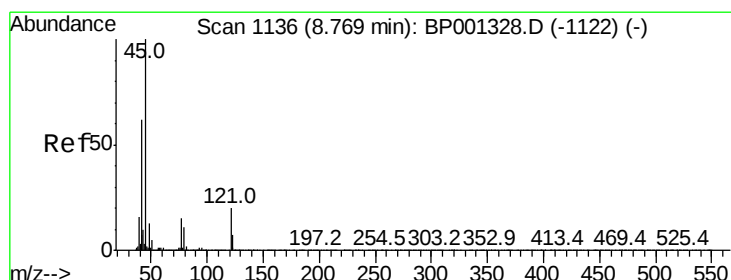
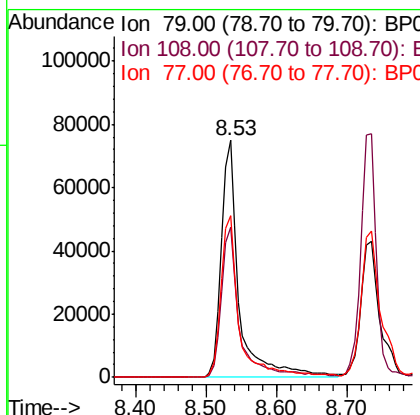
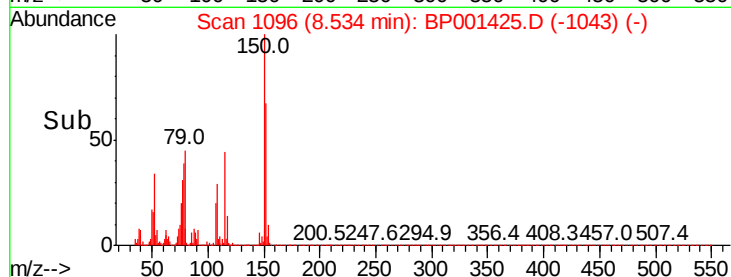
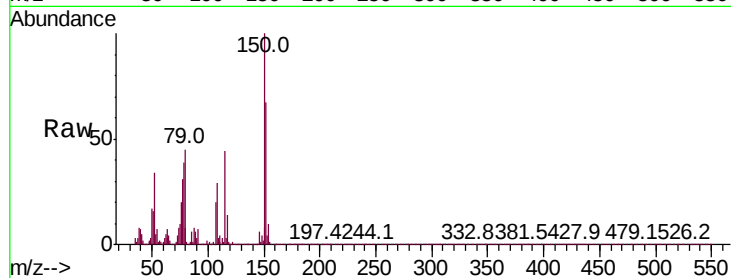
#15
Benzyl Alcohol
Concen: 46.625 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	49.0	73.4
77	68.4	56.7	85.1

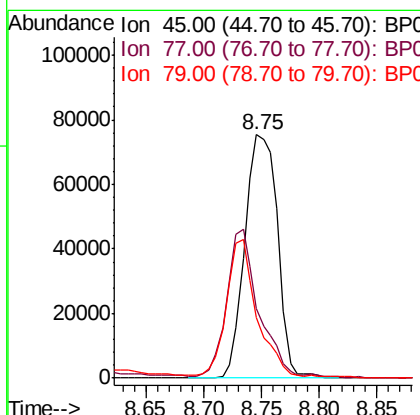
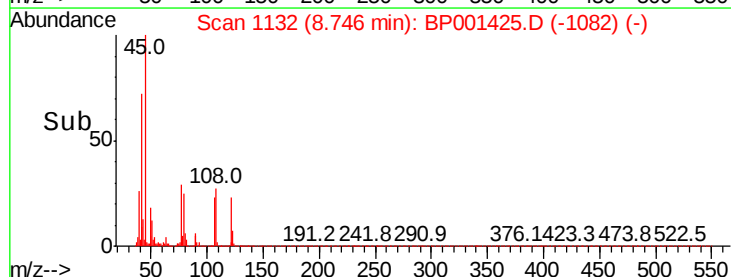
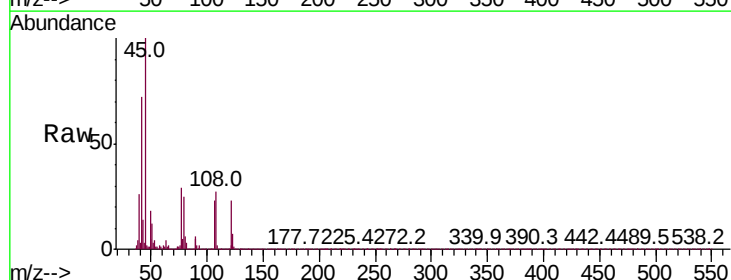
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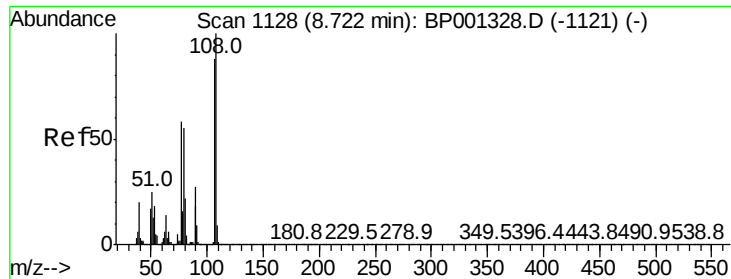
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.501 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	34.7
79	25.0	0.0	31.8





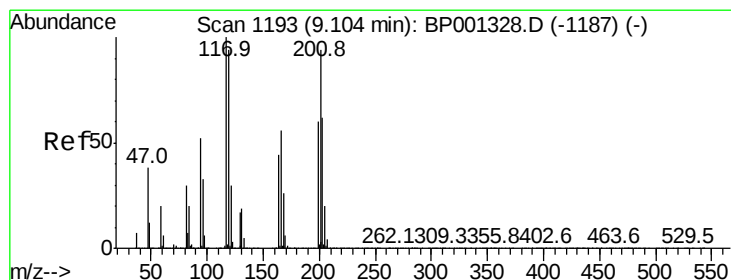
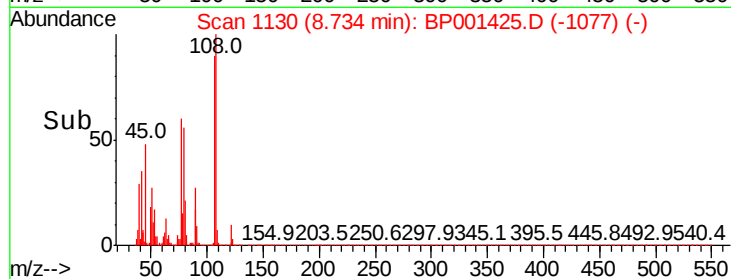
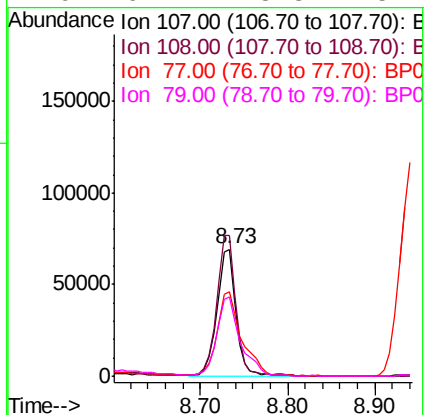
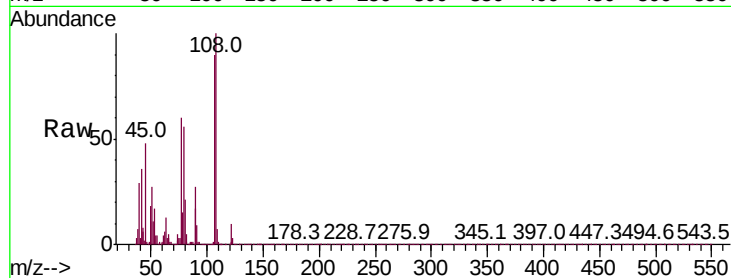
#17
2-Methylphenol
Concen: 50.984 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	88.8	133.2	
77	66.7	48.9	73.3	
79	62.2	48.8	73.2	

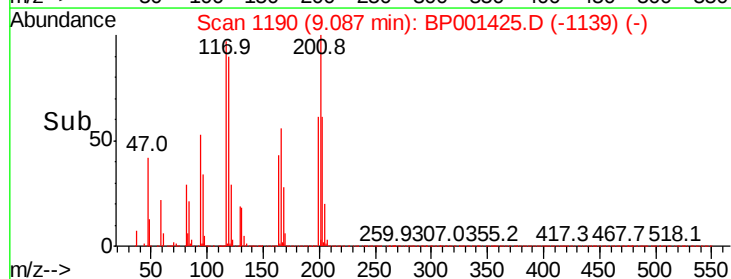
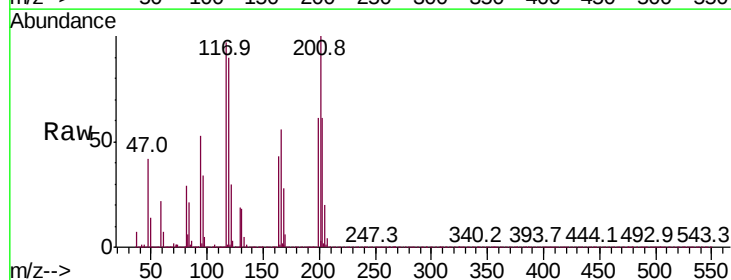
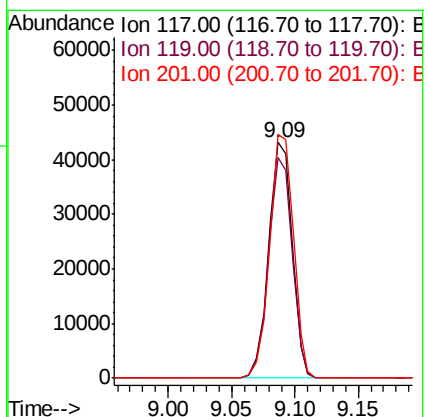
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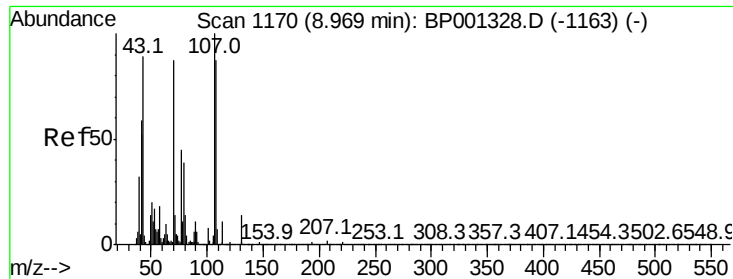
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#18
Hexachloroethane
Concen: 44.363 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	75.8	113.6	
201	103.4	77.8	116.6	





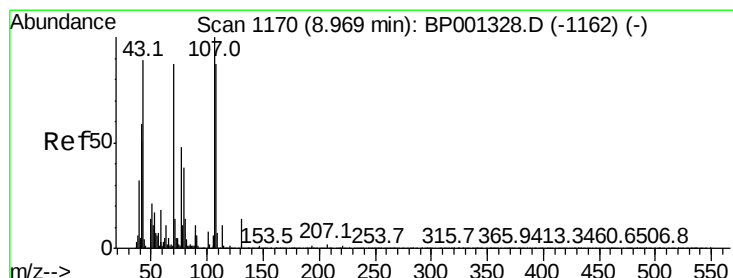
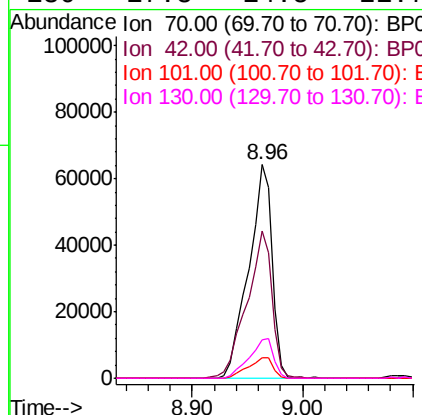
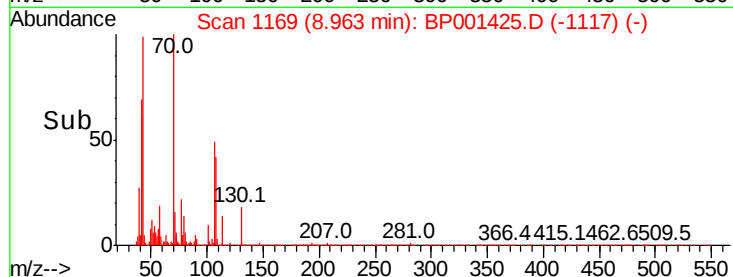
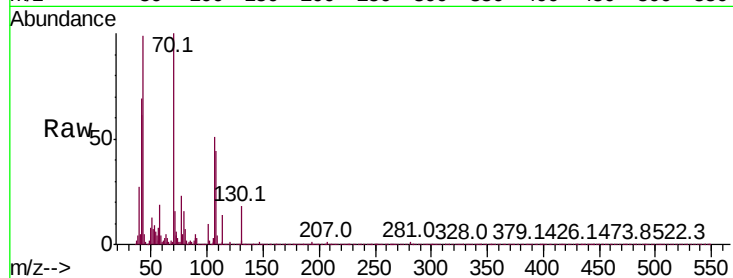
#19
n-Nitroso-di-n-propylamine
Concen: 44.895 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.0	55.8	83.8	
101	9.9	8.2	12.2	
130	17.8	14.5	21.7	

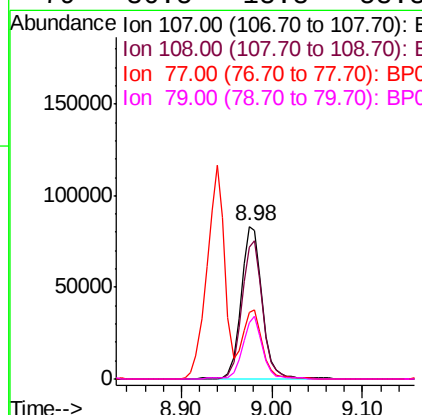
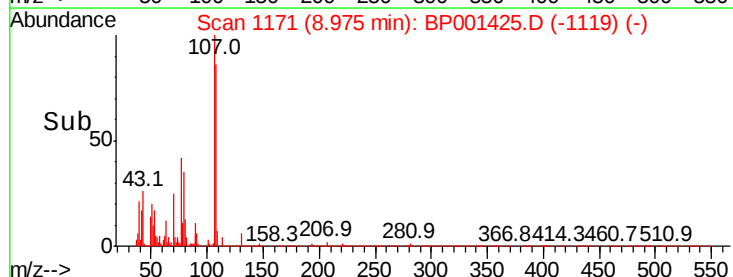
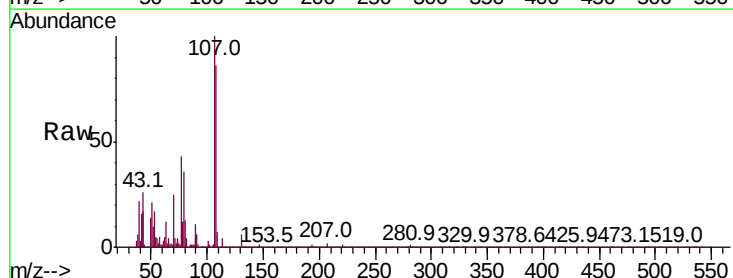
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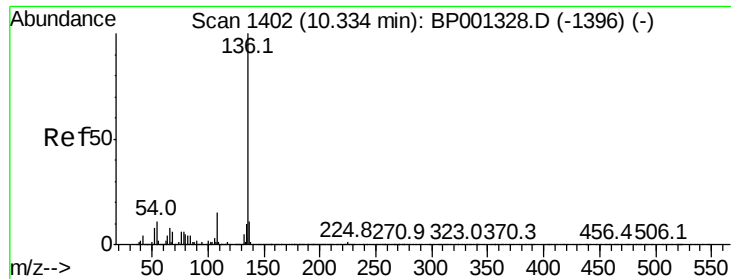
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#20
3+4-Methylphenols
Concen: 49.109 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.9	70.4	110.4	
77	43.2	24.5	64.5	
79	36.5	18.8	58.8	





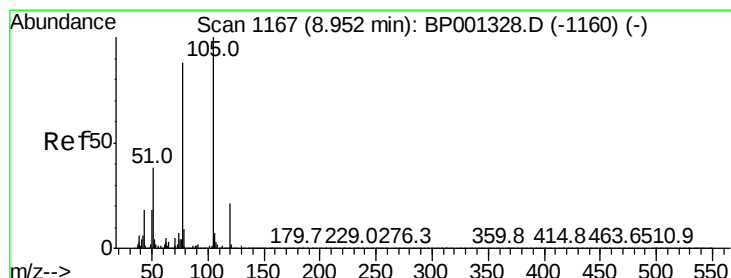
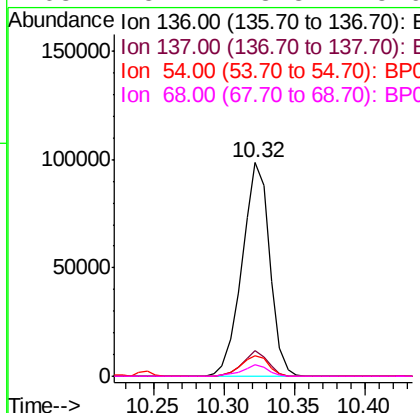
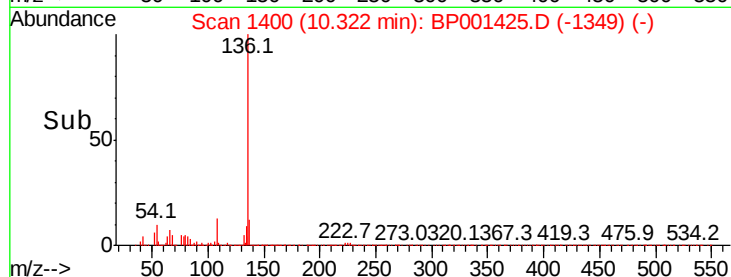
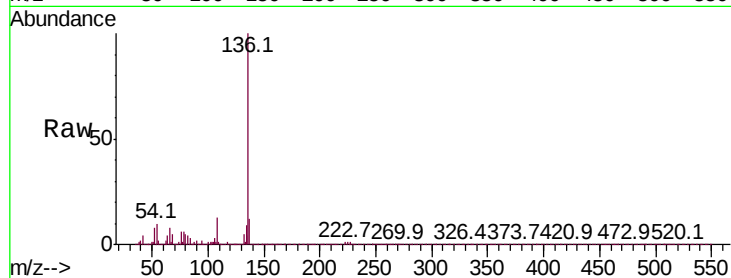
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.0	13.4	
54	9.8	7.3	10.9	
68	5.2	3.8	5.6	

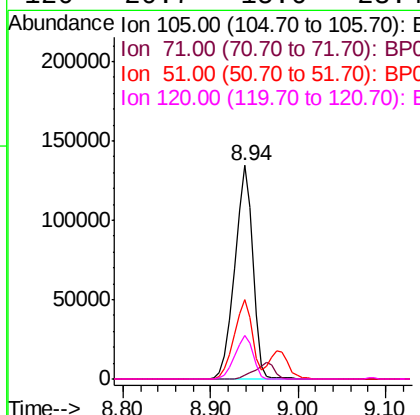
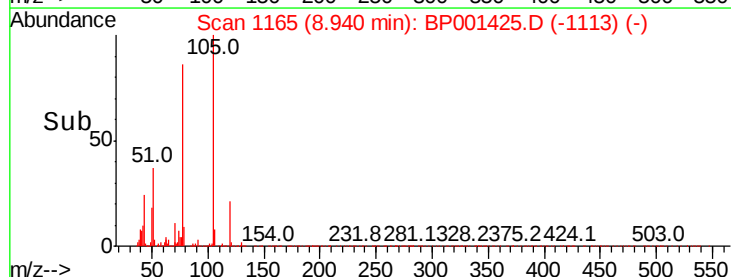
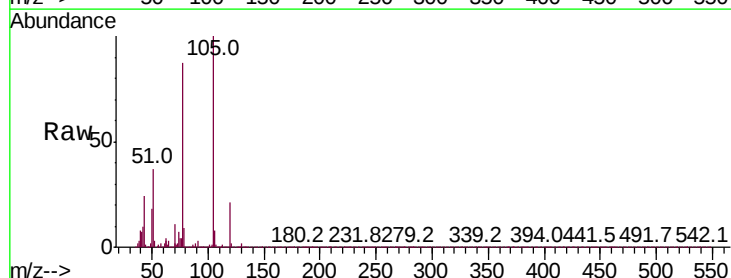
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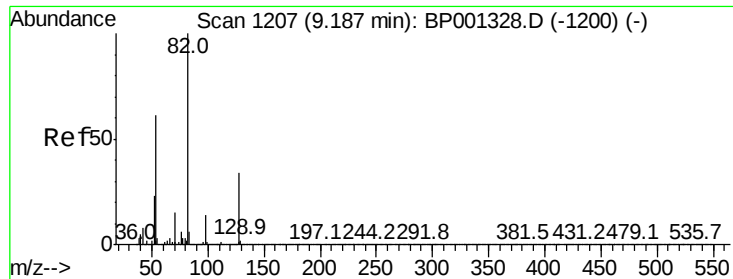
mohammad
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#22
Acetophenone
Concen: 43.882 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	0.2	0.4	
51	37.3	29.8	44.6	
120	20.7	15.6	23.4	





#23

Nitrobenzene-d5

Concen: 74.763 ng

RT: 9.18 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

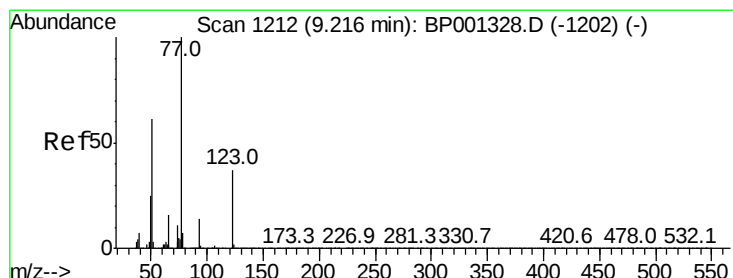
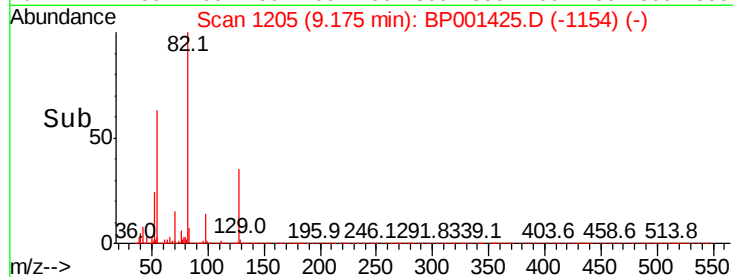
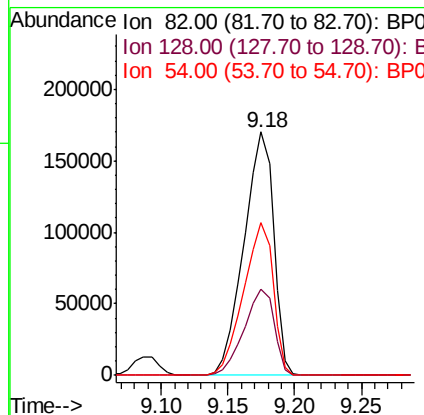
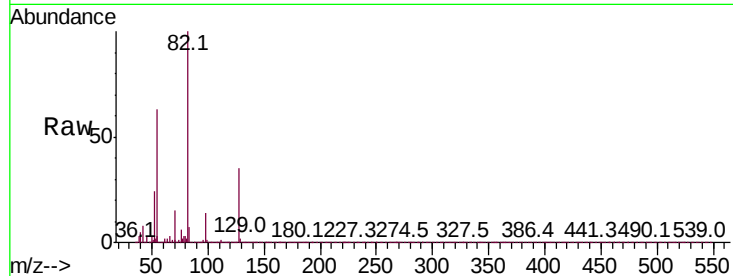
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	82	Resp:	261725
Ion Ratio	Lower	Upper	
82	100		
128	35.3	27.4	41.0
54	62.6	47.5	71.3

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#24

Nitrobenzene

Concen: 44.150 ng

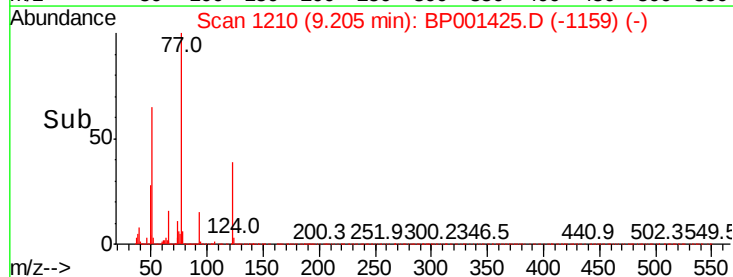
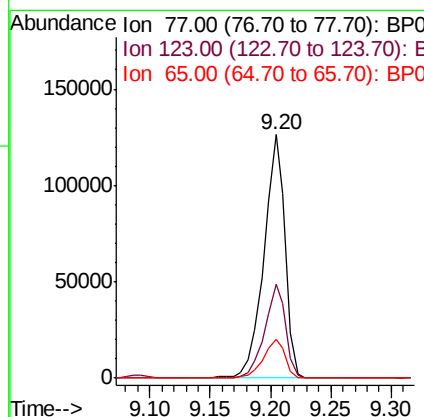
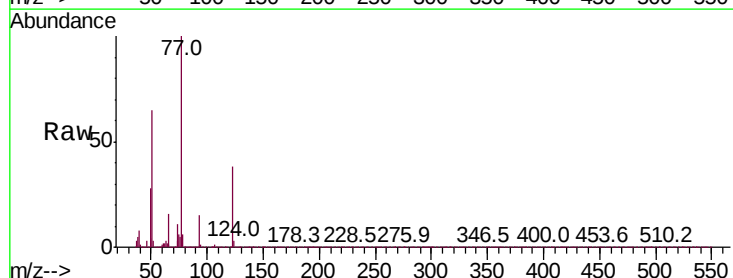
RT: 9.20 min Scan# 1210

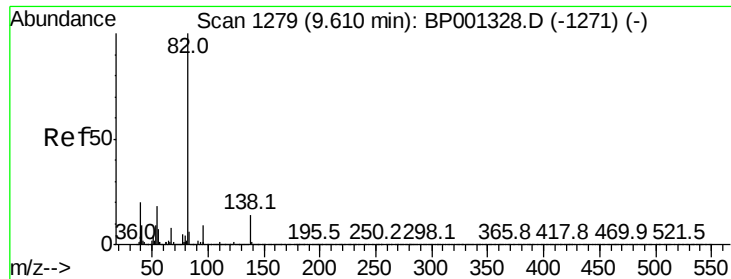
Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	77	Resp:	152119
Ion Ratio	Lower	Upper	
77	100		
123	38.4	30.9	46.3
65	16.0	13.0	19.4





#25

Isophorone

Concen: 44.744 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

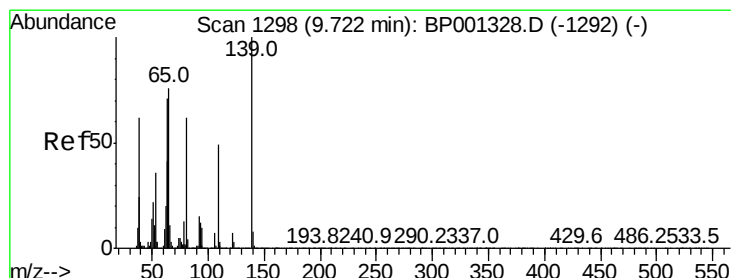
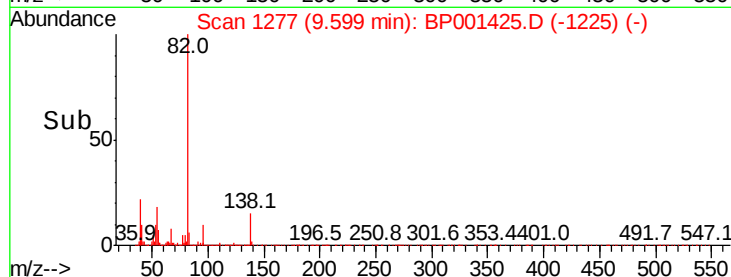
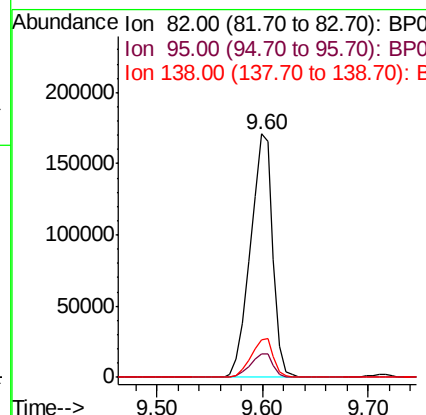
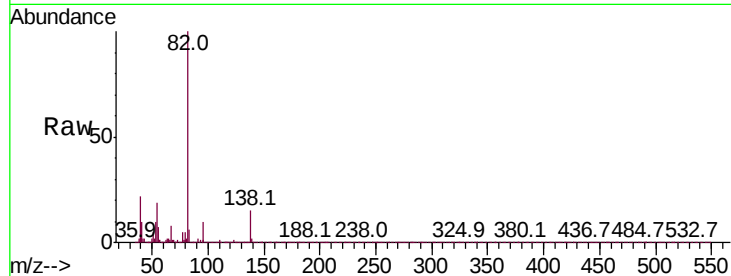
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	82	Resp:	251865
Ion Ratio		Lower	Upper
82	100		
95	9.6	7.3	10.9
138	15.3	11.9	17.9

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#26

2-Nitrophenol

Concen: 50.085 ng

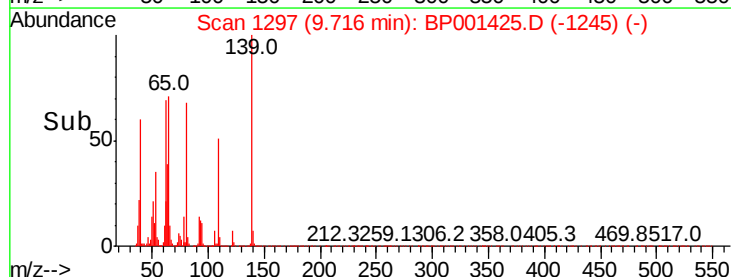
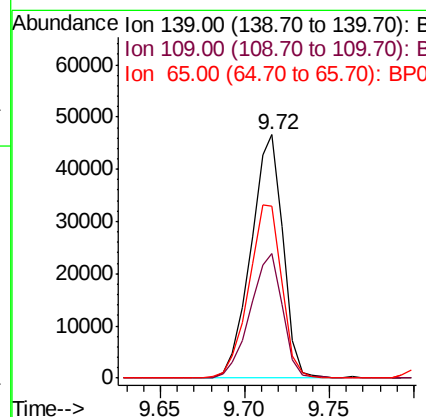
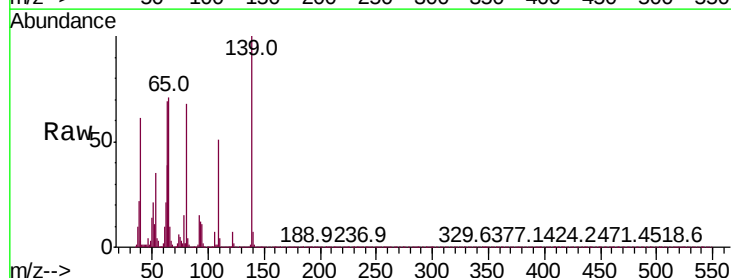
RT: 9.72 min Scan# 1297

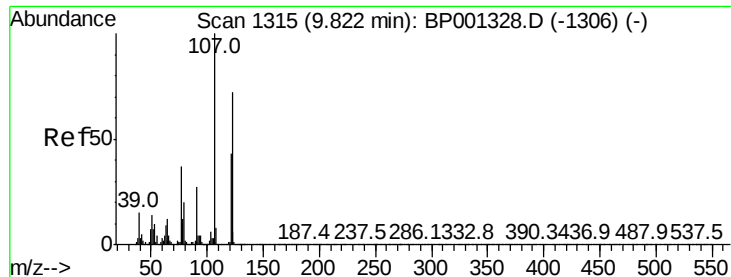
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	139	Resp:	61536
Ion Ratio		Lower	Upper
139	100		
109	50.9	40.5	60.7
65	70.7	56.2	84.4





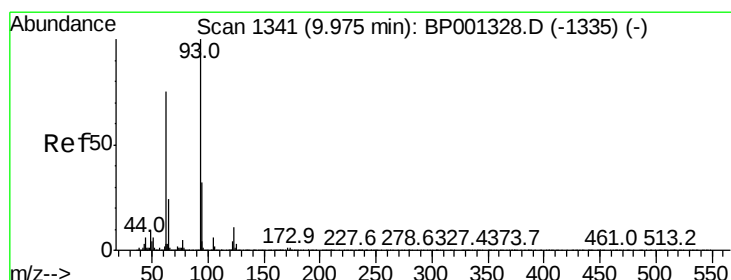
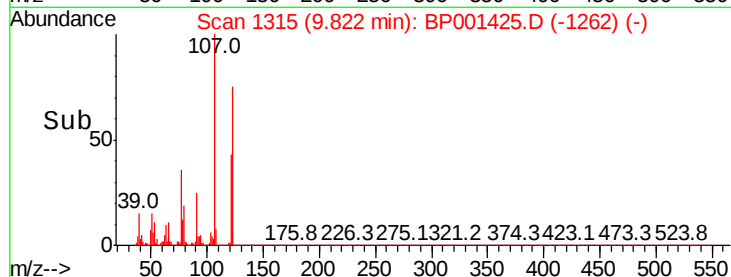
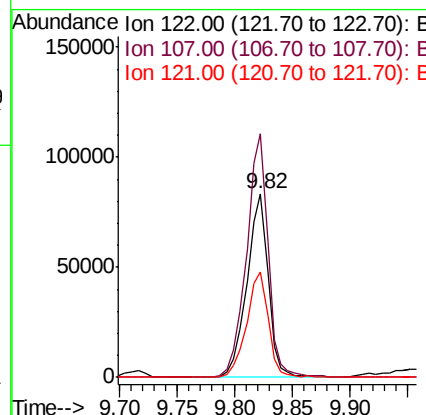
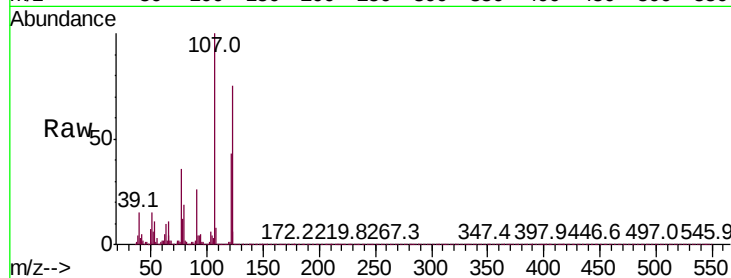
#27
2,4-Dimethylphenol
Concen: 59.547 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.6	106.5	159.7
121	57.3	47.1	70.7

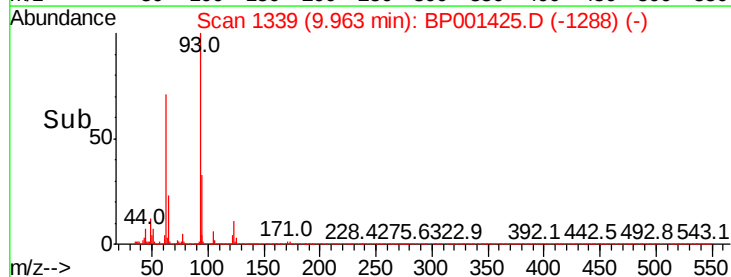
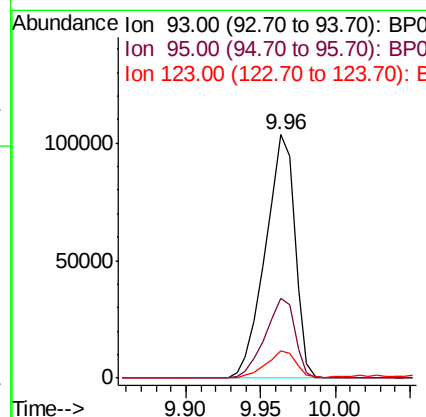
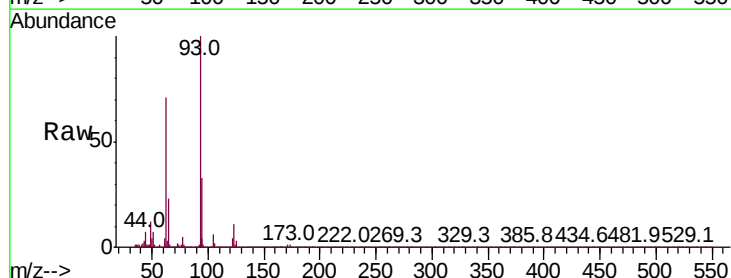
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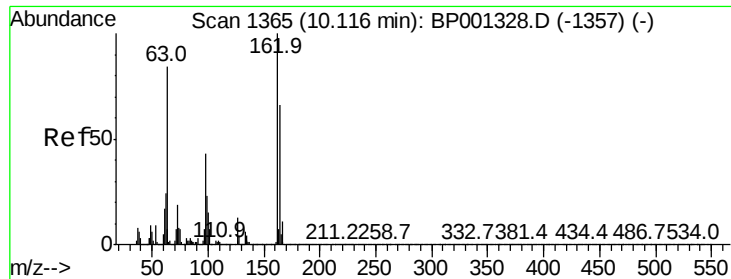
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.104 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.0	13.6





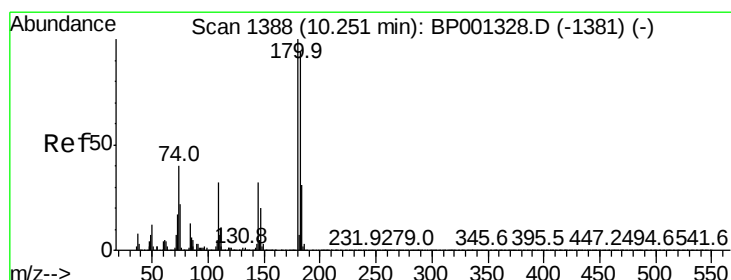
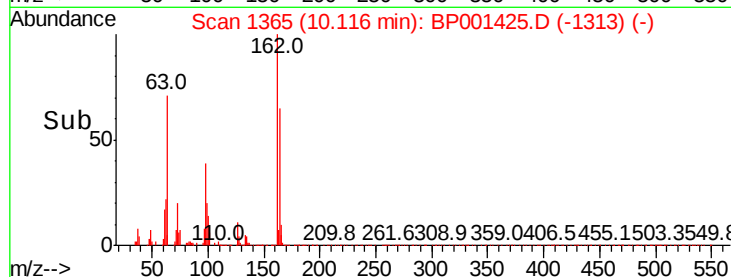
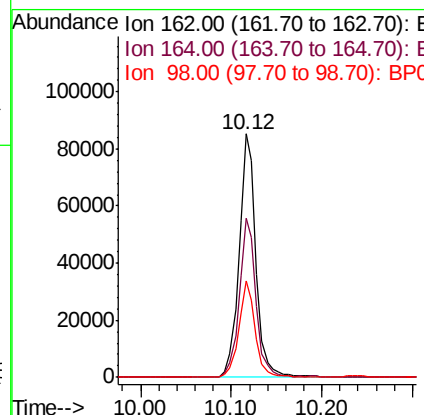
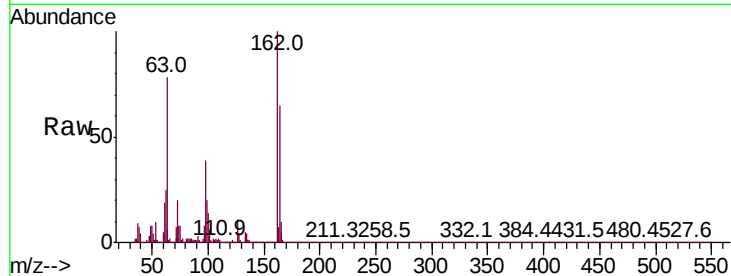
#29
2,4-Dichlorophenol
Concen: 49.664 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion:	162	Resp:	111123
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.8	84.8
98	39.4	18.5	58.5

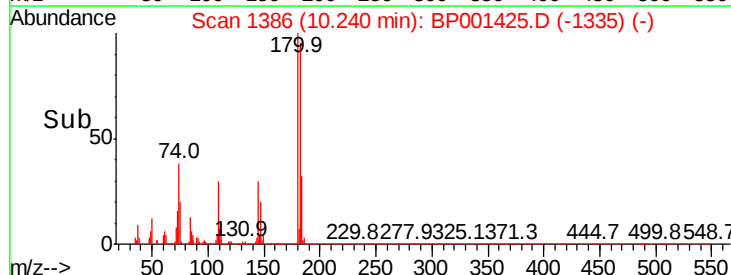
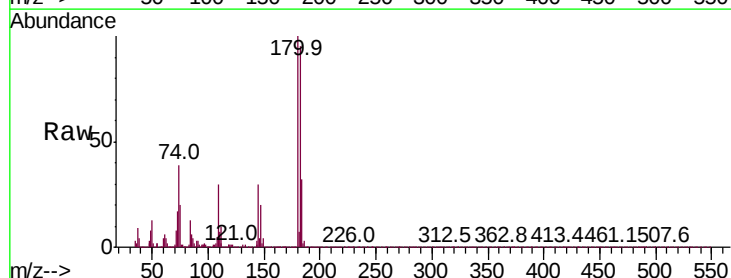
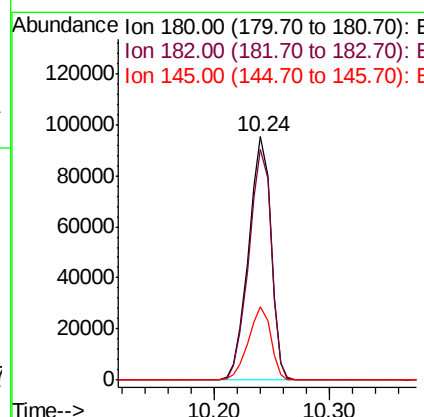
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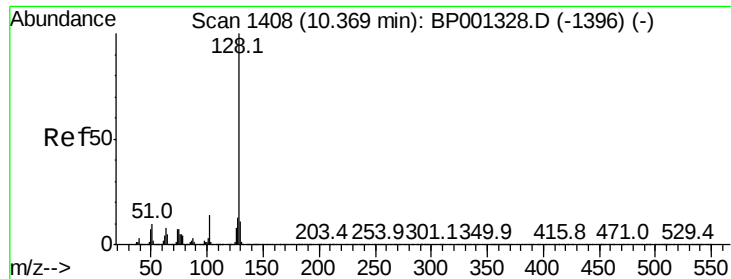
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#30
1,2,4-Trichlorobenzene
Concen: 46.726 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion:	180	Resp:	128600
Ion Ratio	Lower	Upper	
180	100		
182	94.9	79.3	118.9
145	30.2	23.1	34.7





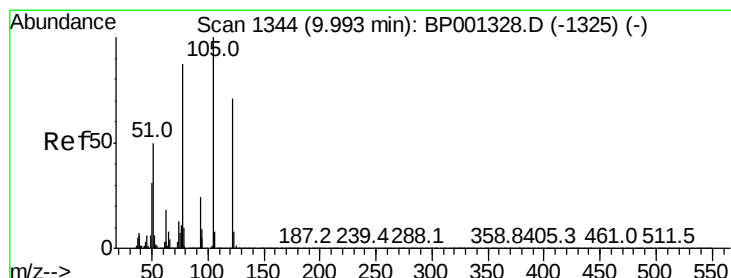
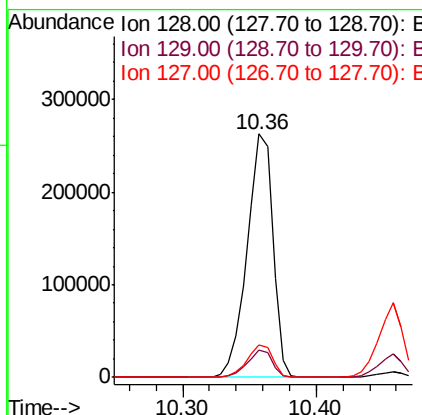
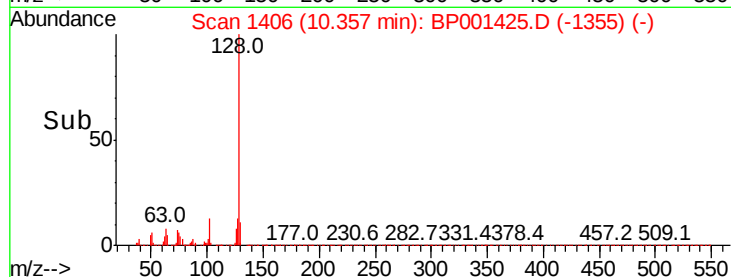
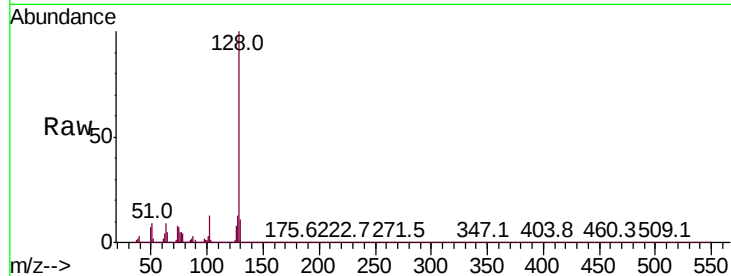
#31
Naphthalene
Concen: 47.607 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.5	11.0	16.6

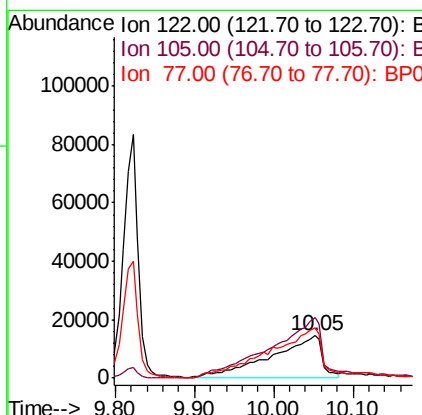
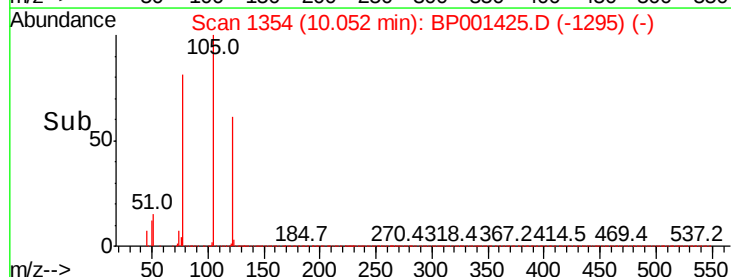
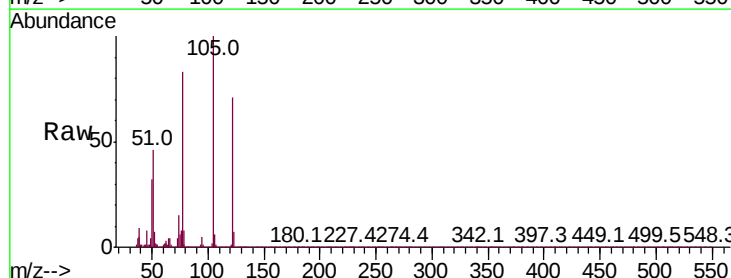
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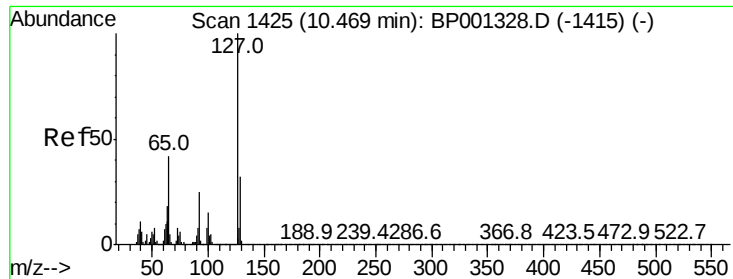
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#32
Benzoic acid
Concen: 43.377 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.05 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	141.8	117.8	157.8
77	118.3	85.6	125.6





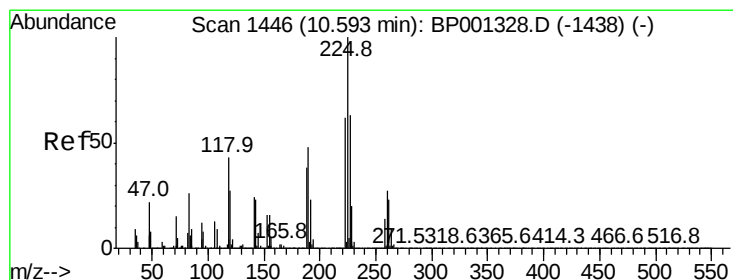
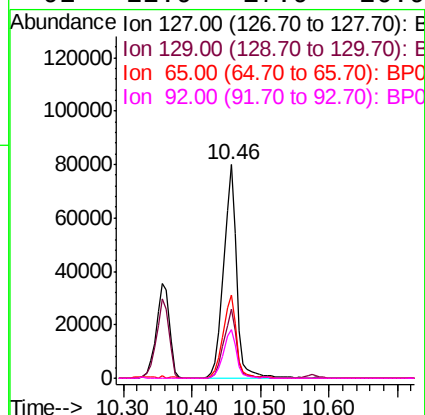
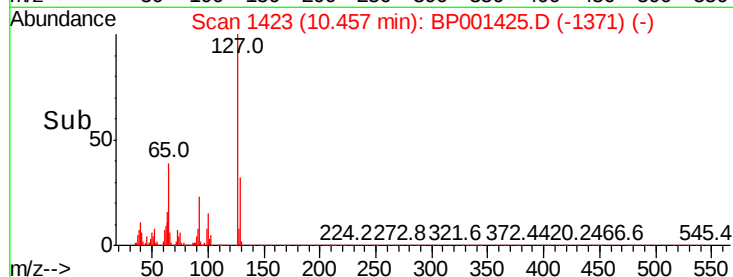
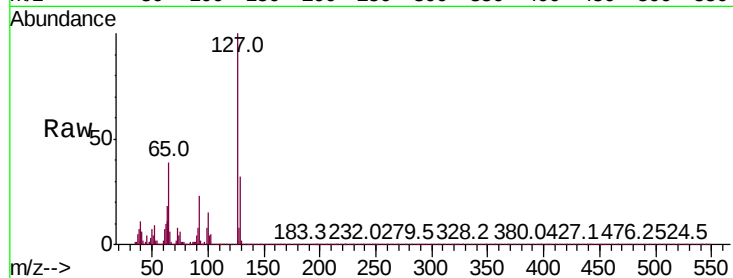
#33
4-Chloroaniline
Concen: 34.949 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	38.7	33.9	50.9		
92	22.9	17.9	26.9		

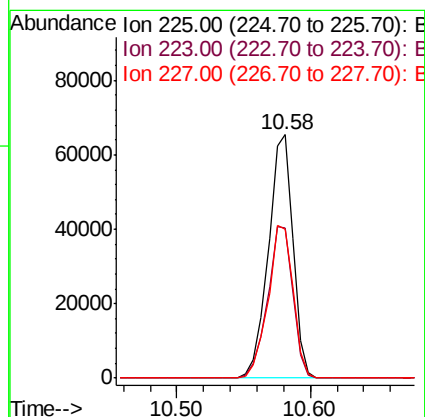
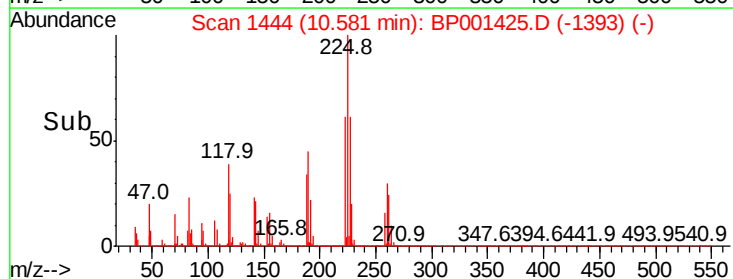
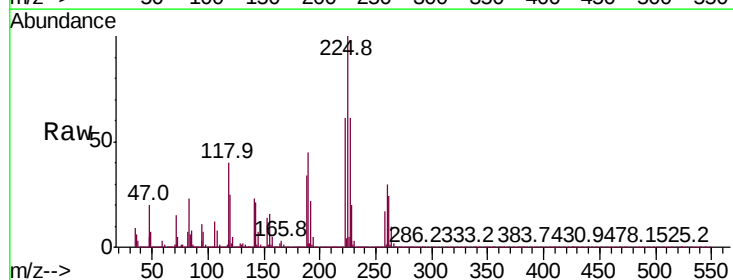
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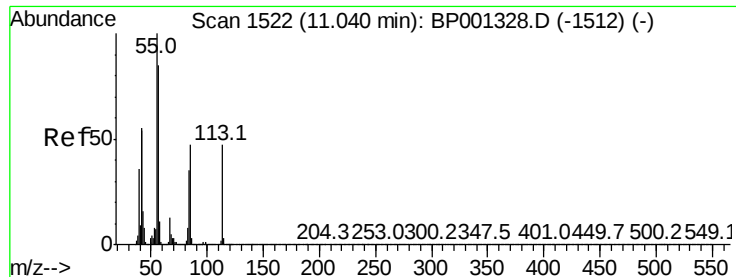
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#34
Hexachlorobutadiene
Concen: 43.632 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	51.4	77.0		
227	61.4	57.0	85.4		





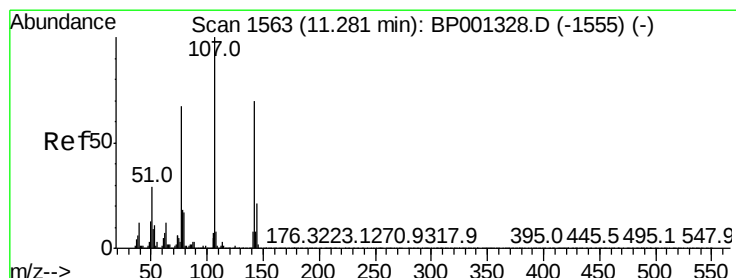
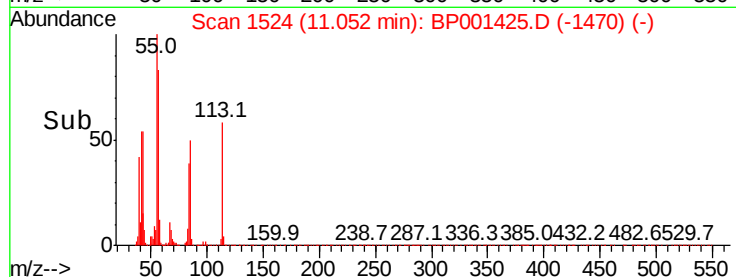
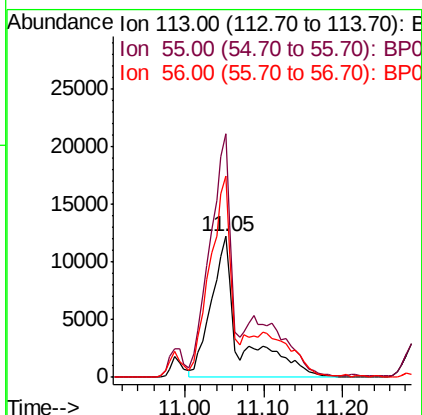
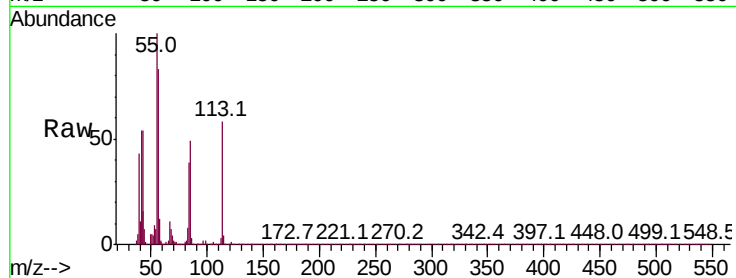
#35
Caprolactam
Concen: 47.603 ng/ml
RT: 11.05 min Scan# 1524
Delta R.T. 0.02 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.1	164.2	204.2
56	143.5	130.8	170.8

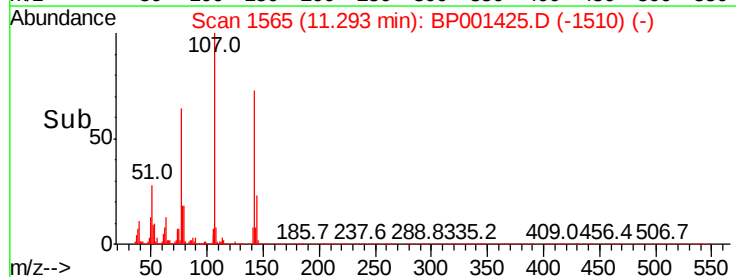
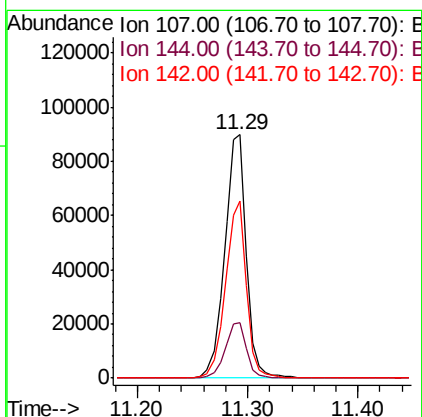
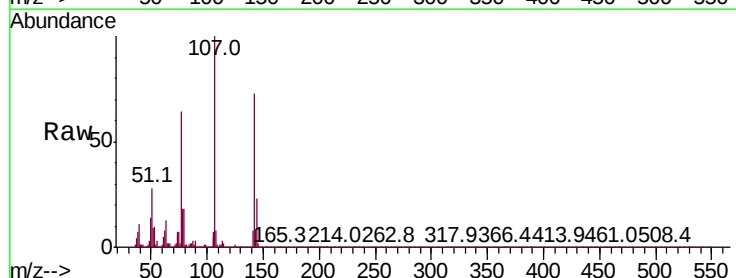
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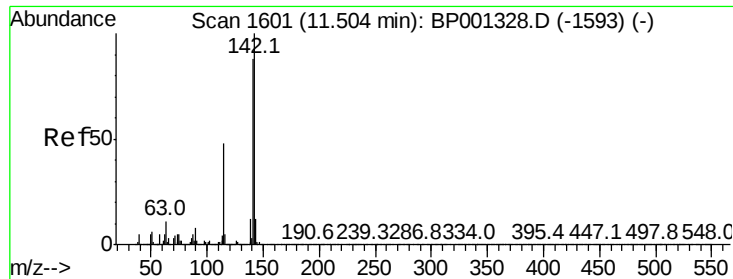
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.034 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	17.8	26.8
142	72.9	56.2	84.4





#37

2-Methylnaphthalene

Concen: 49.895 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BP001425.D

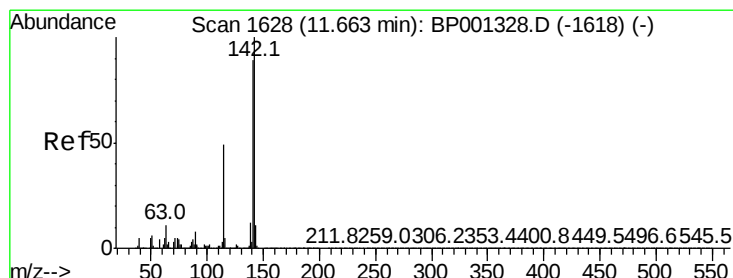
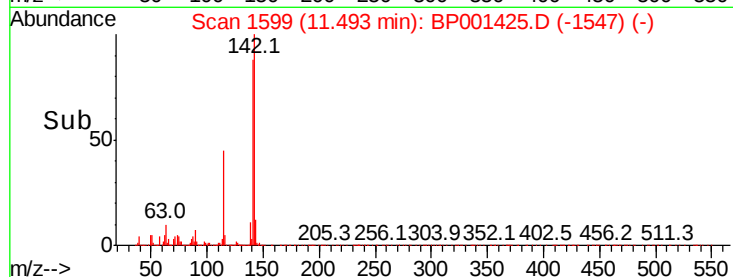
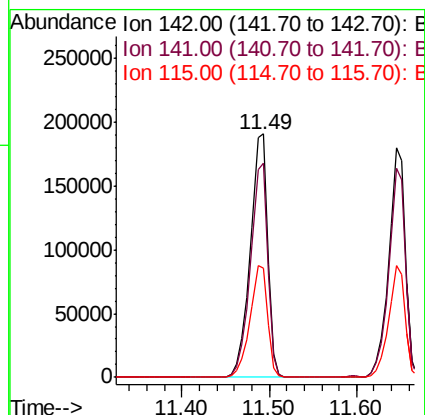
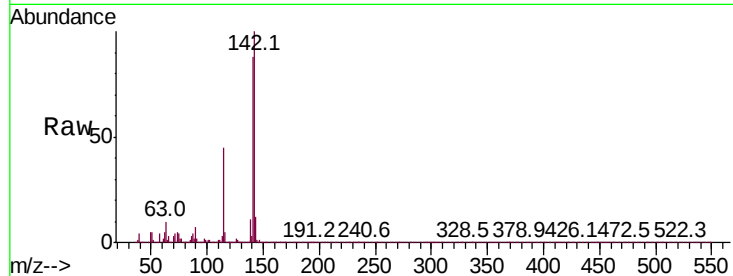
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	252776		
141	87.8	70.2	105.2	
115	44.7	37.0	55.4	

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#38

1-Methylnaphthalene

Concen: 49.800 ng

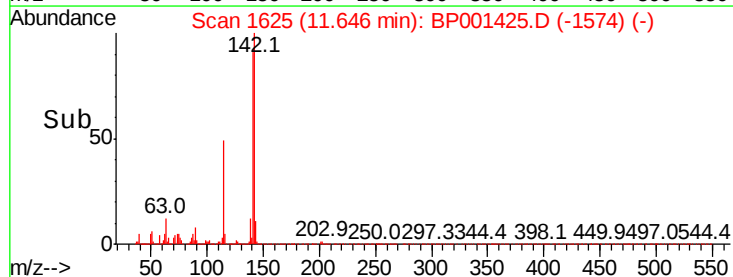
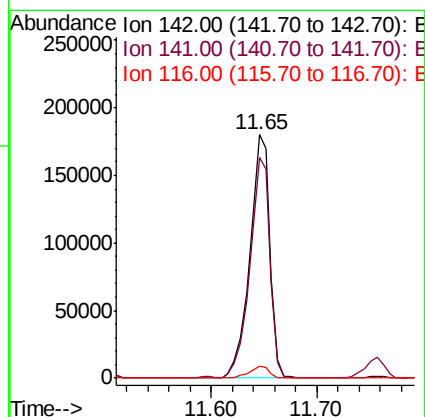
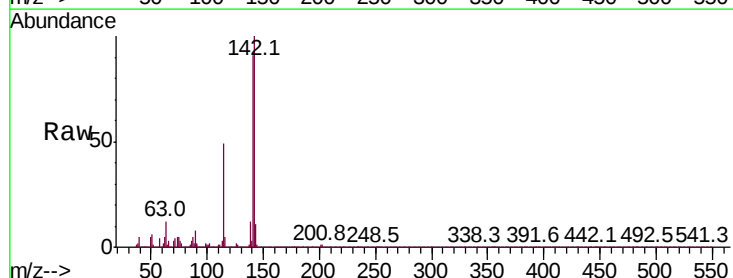
RT: 11.65 min Scan# 1625

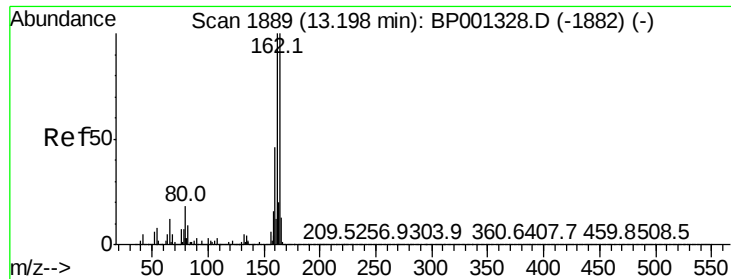
Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	237191		
141	90.8	72.9	109.3	
116	4.9	3.8	5.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BP001425.D

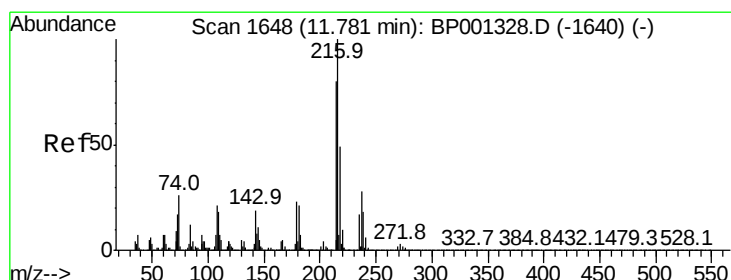
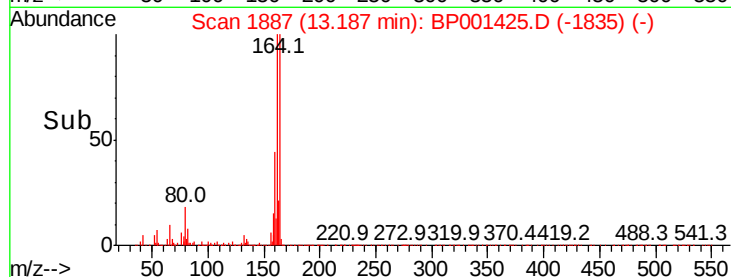
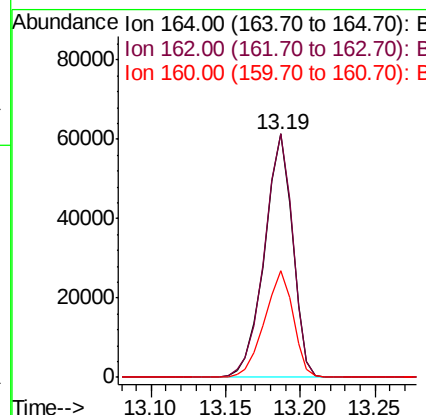
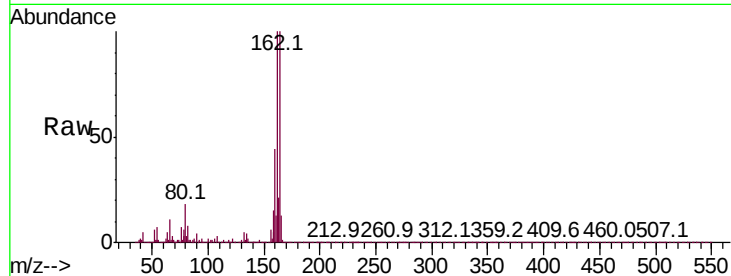
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.2	117.4
160	44.0	35.1	52.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.065 ng

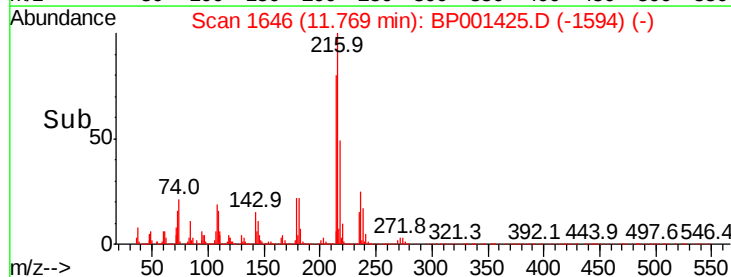
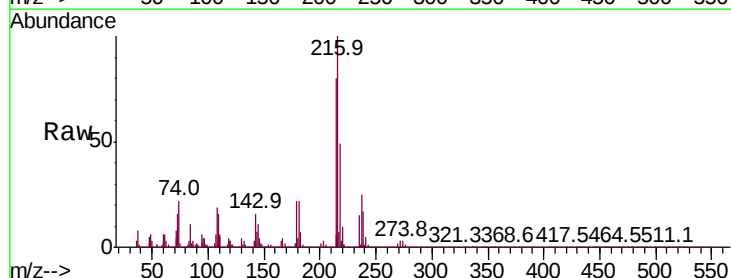
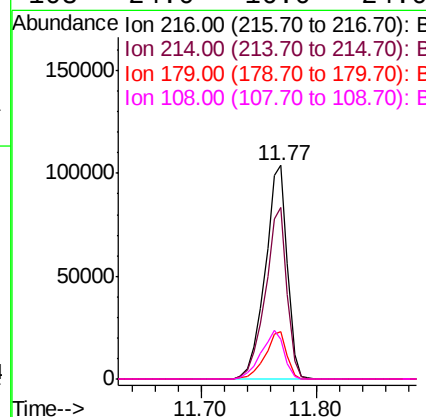
RT: 11.77 min Scan# 1646

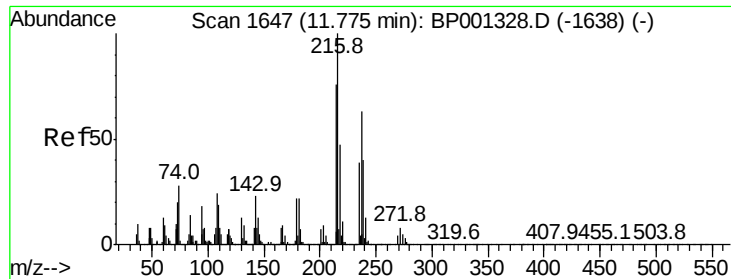
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.1	93.1
179	21.8	17.1	25.7
108	24.0	16.0	24.0





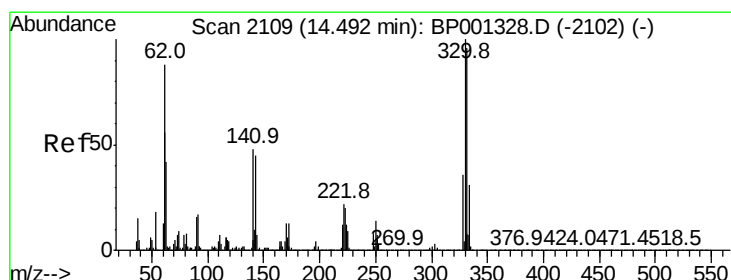
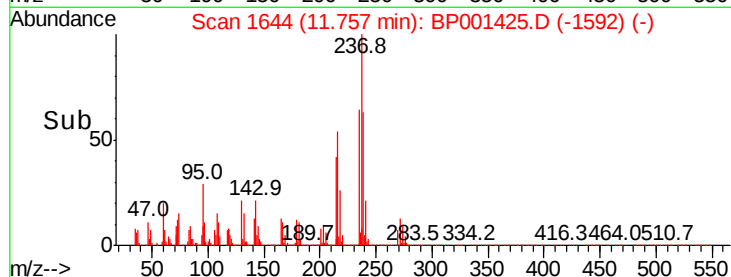
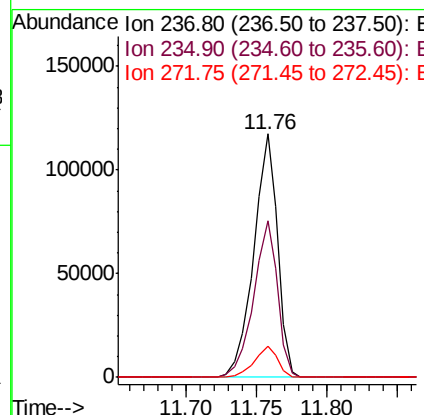
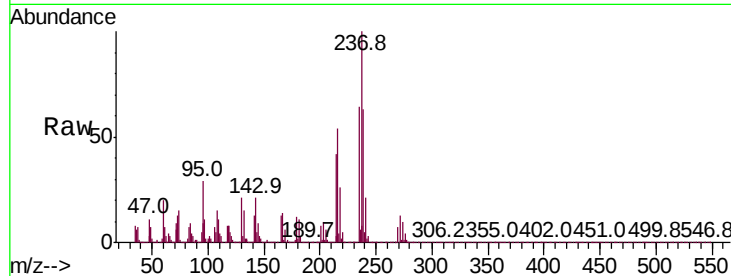
#41
Hexachlorocyclopentadiene
Concen: 95.592 ng
RT: 11.76 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	42.8	82.8
272	12.7	0.0	33.0

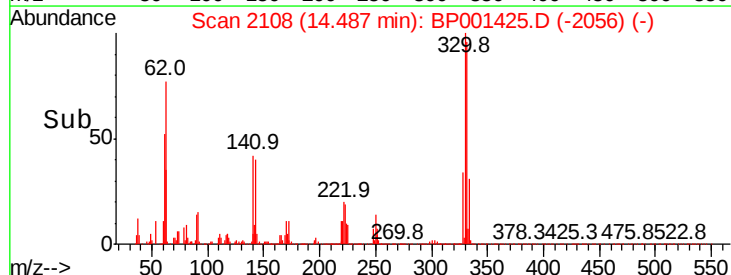
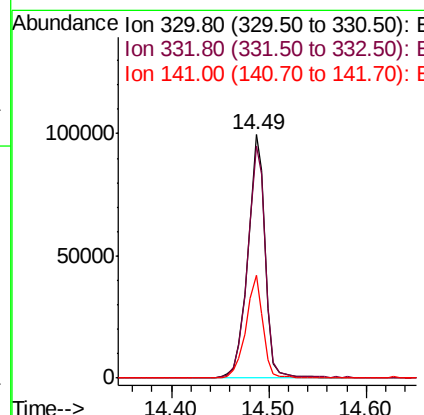
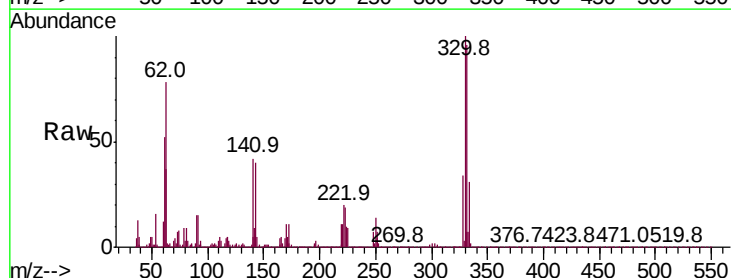
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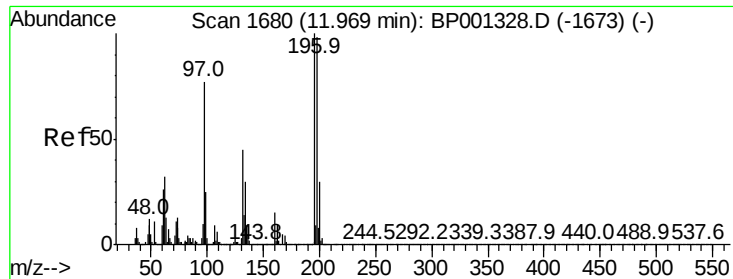
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#42
2,4,6-Tribromophenol
Concen: 122.968 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.4	78.3	117.5
141	41.4	26.8	40.2#





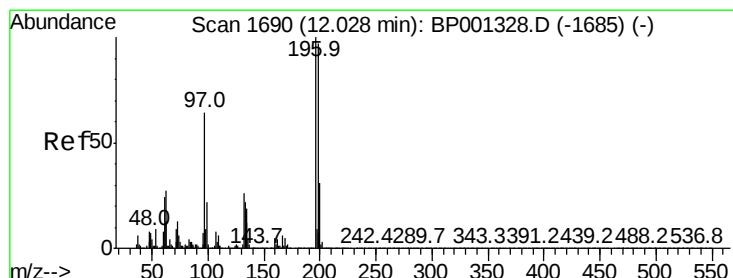
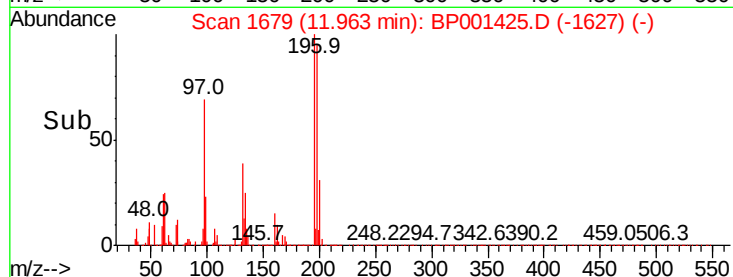
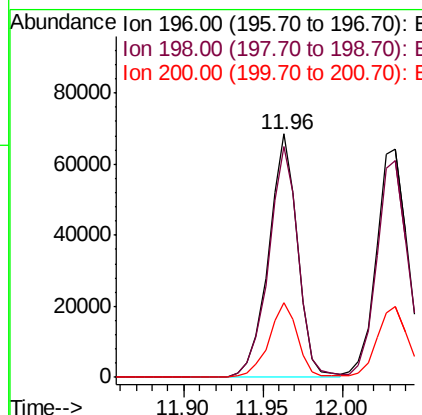
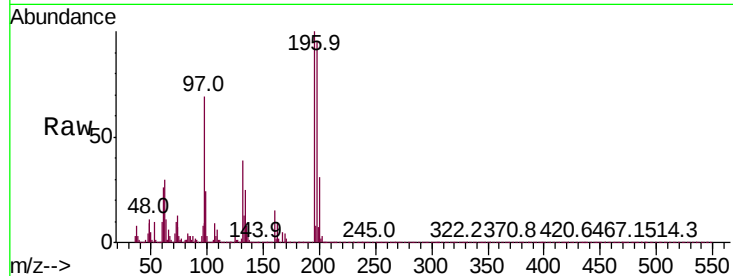
#43
 2,4,6-Trichlorophenol
 Concen: 48.194 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.01 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.2	115.8
200	30.6	25.9	38.9

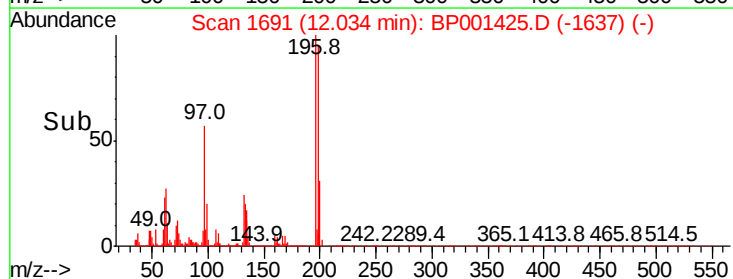
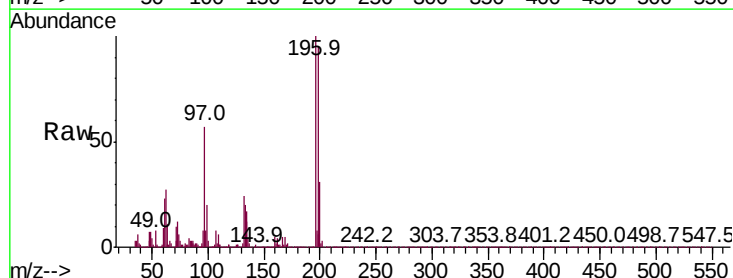
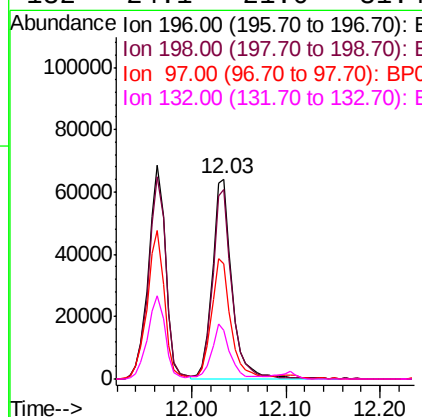
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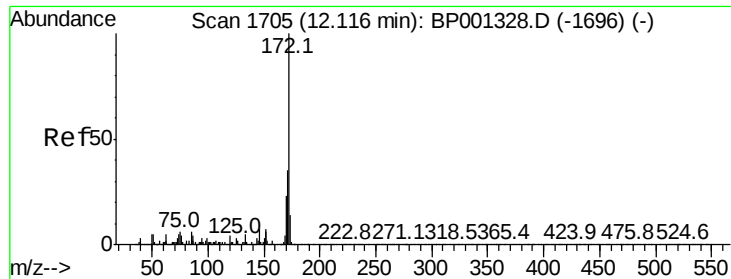
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#44
 2,4,5-Trichlorophenol
 Concen: 50.602 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.02 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.8	113.6
97	57.3	46.1	69.1
132	24.1	21.0	31.4





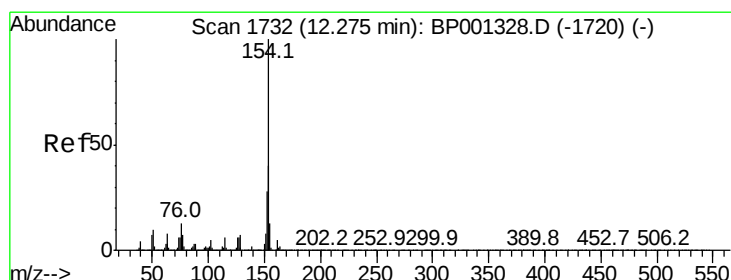
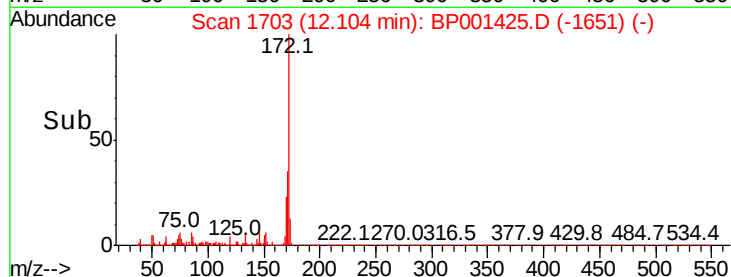
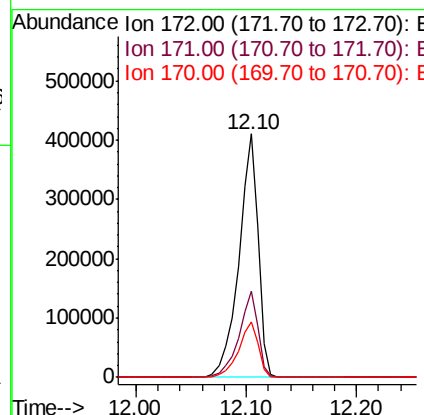
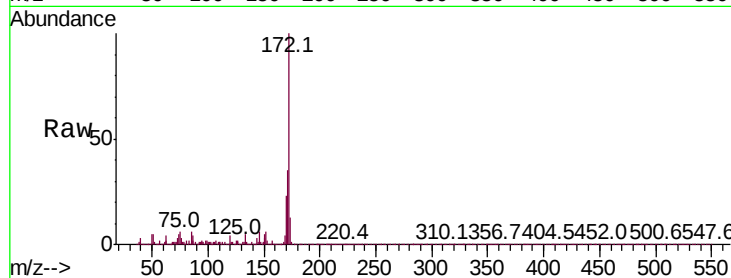
#45
2-Fluorobiphenyl
Concen: 79.350 ng
RT: 12.10 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	22.9	18.2	27.4

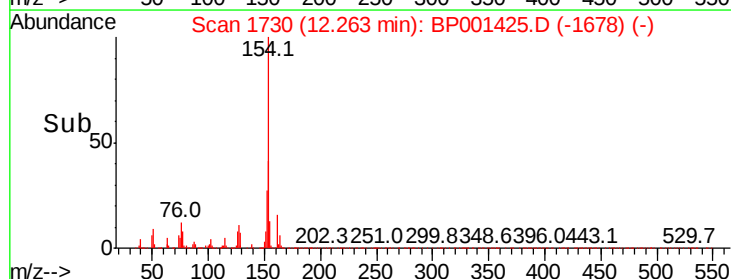
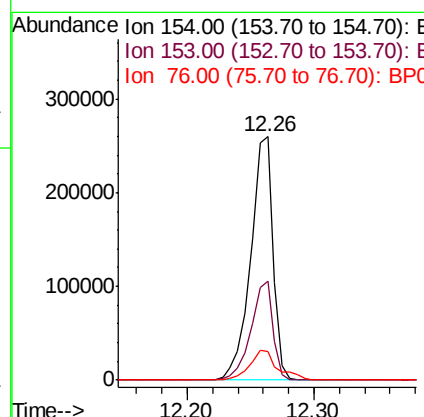
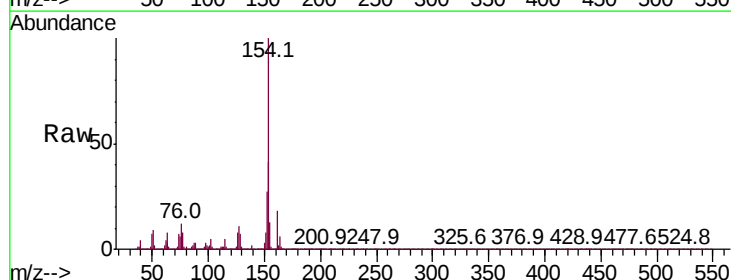
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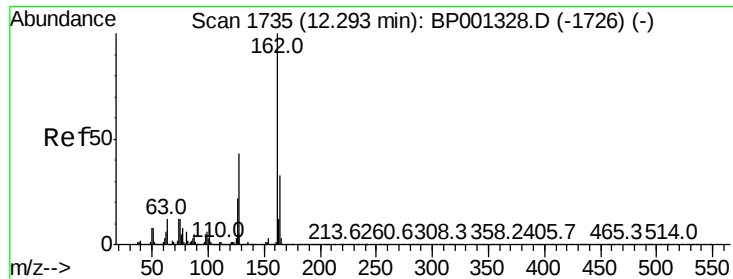
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#46
1,1'-Biphenyl
Concen: 47.827 ng
RT: 12.26 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.5	59.5
76	11.8	0.0	31.5





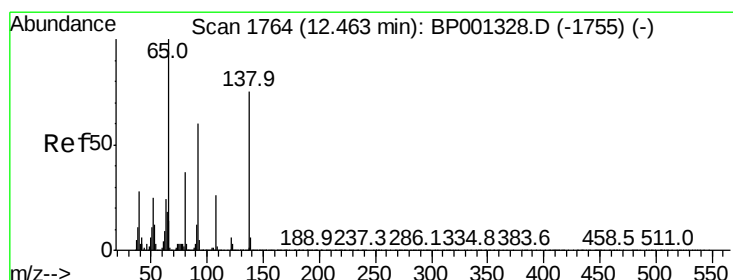
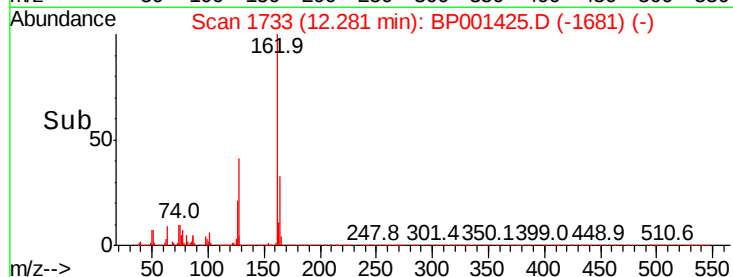
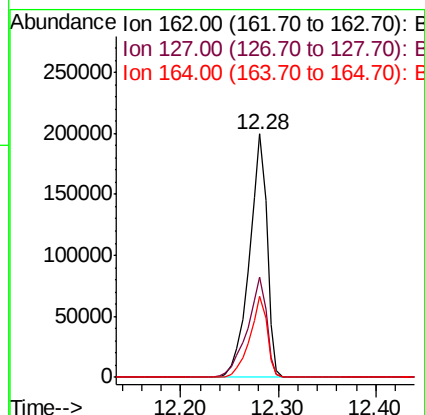
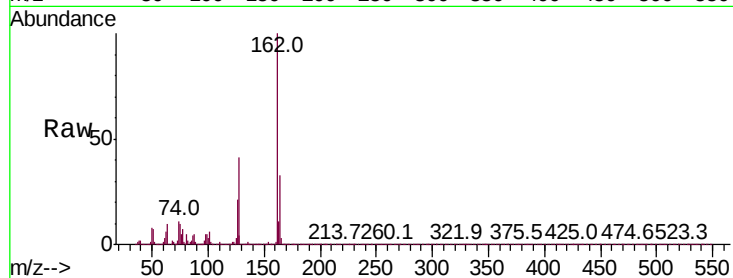
#47
2-Chloronaphthalene
Concen: 46.612 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.4	50.2
164	33.3	26.0	39.0

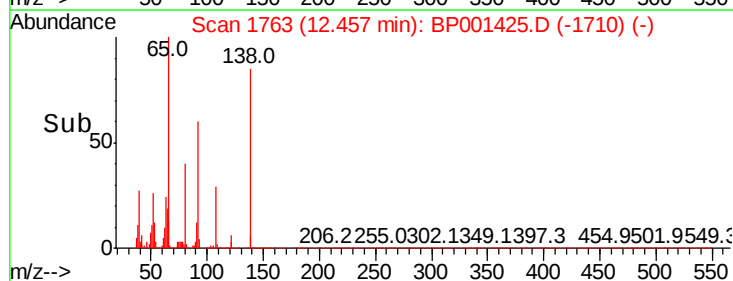
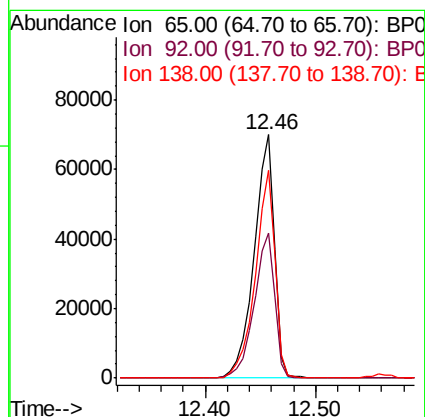
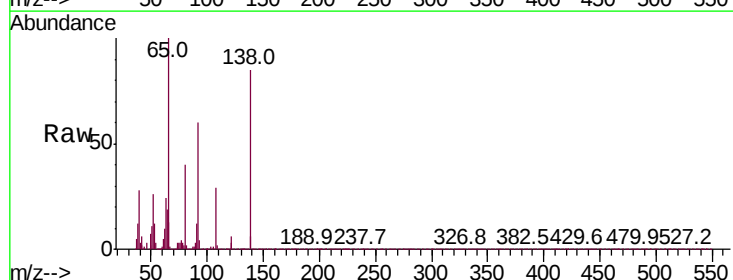
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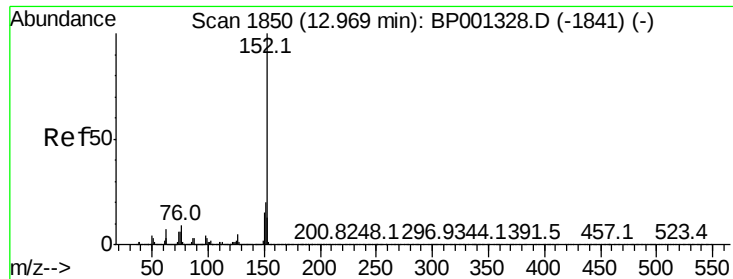
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#48
2-Nitroaniline
Concen: 41.993 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.7	48.9	73.3
138	85.4	65.1	97.7





#49

Acenaphthylene

Concen: 48.679 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

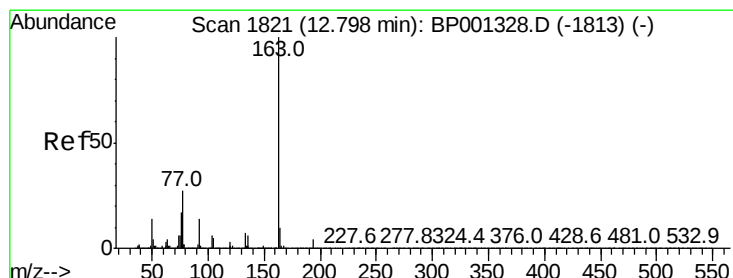
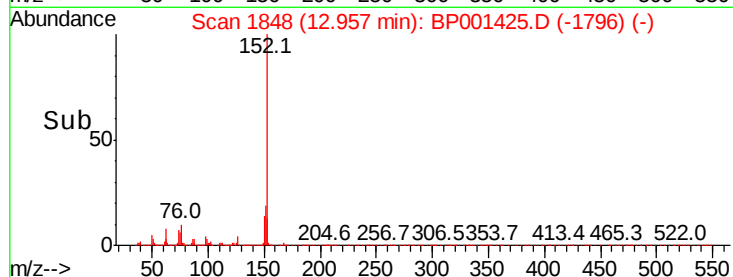
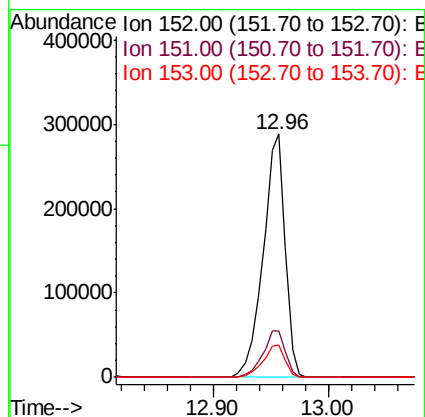
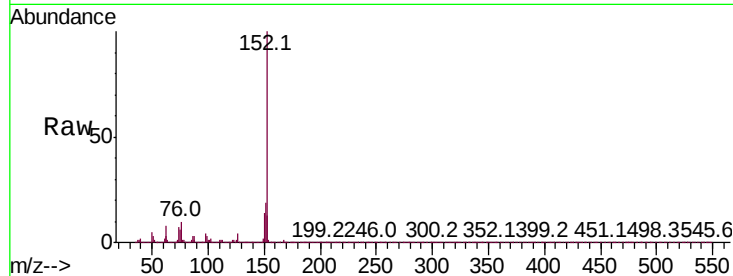
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	383644		
151	19.3	15.6	23.4	
153	13.2	10.3	15.5	

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#50

Dimethylphthalate

Concen: 47.990 ng

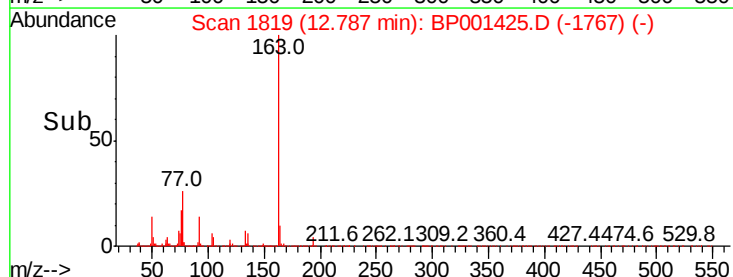
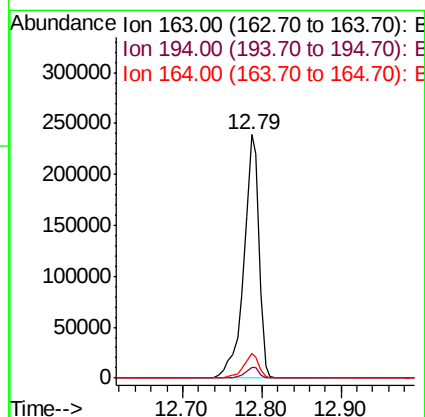
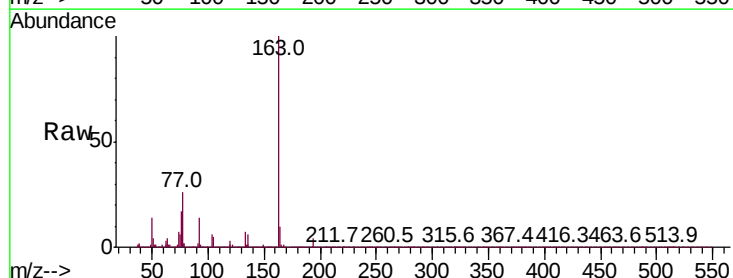
RT: 12.79 min Scan# 1819

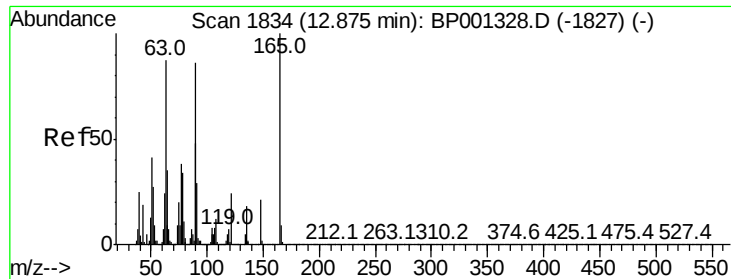
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	313754		
194	4.1	3.2	4.8	
164	10.1	7.7	11.5	





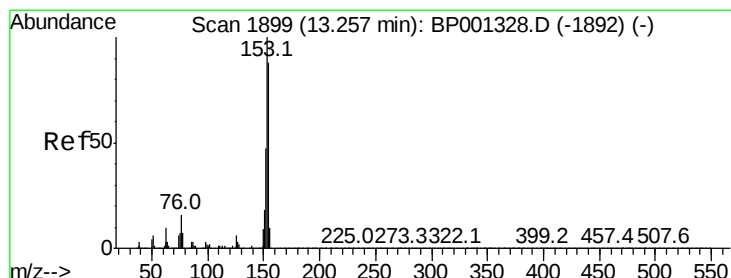
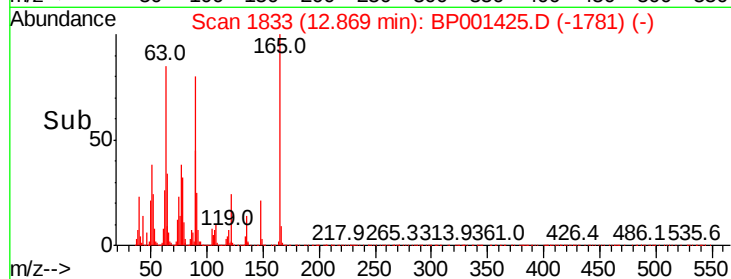
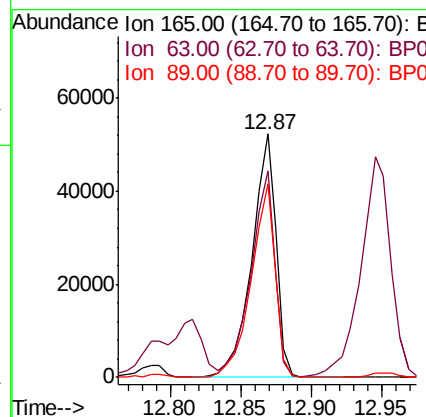
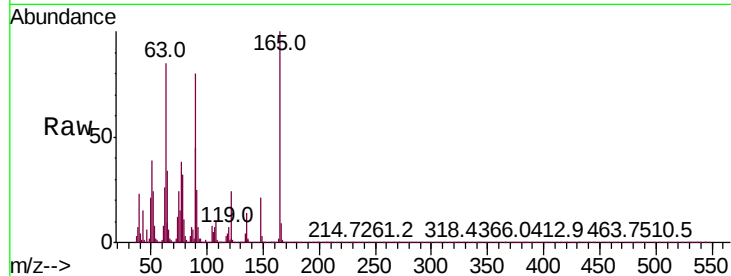
#51
2,6-Dinitrotoluene
Concen: 47.211 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	84.6	60.7	91.1
89	79.6	55.4	83.0

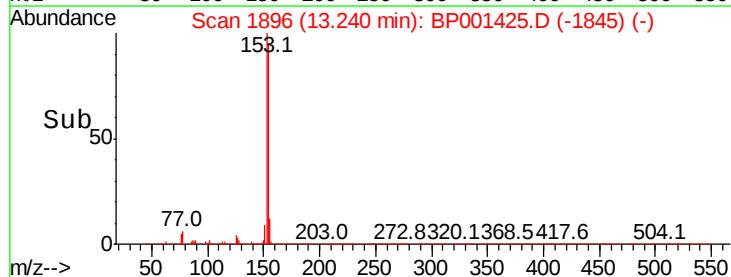
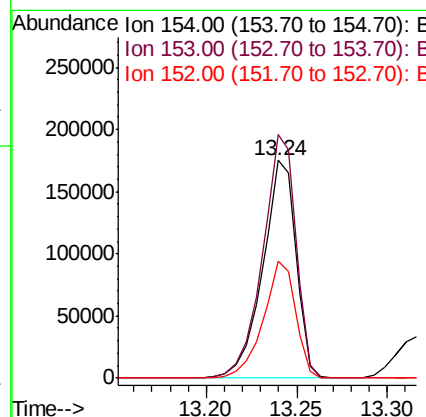
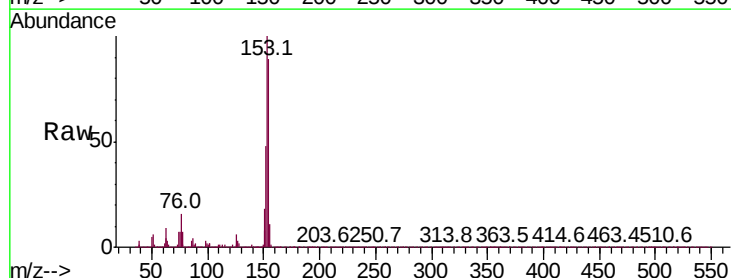
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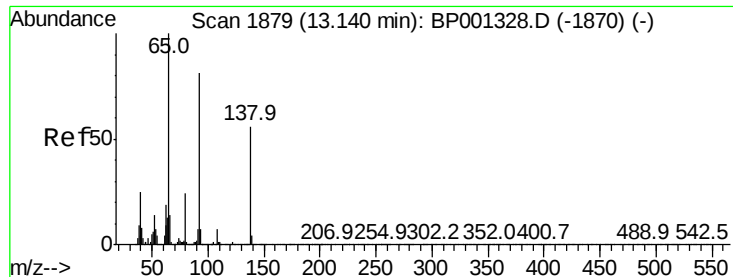
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#52
Acenaphthene
Concen: 47.017 ng
RT: 13.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.0	90.1	135.1
152	53.7	41.8	62.6





#53

3-Nitroaniline

Concen: 32.193 ng

RT: 13.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BP001425.D

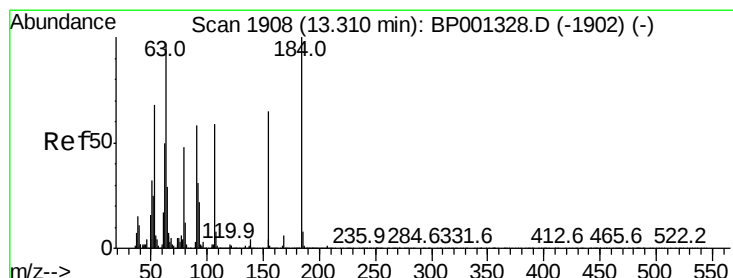
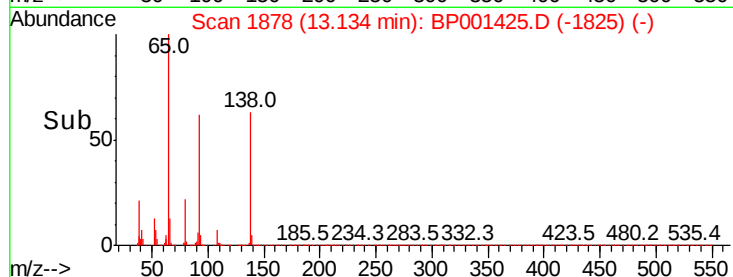
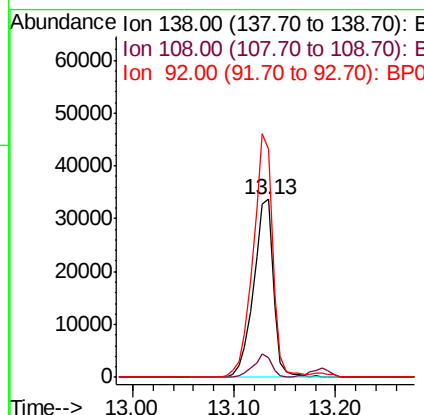
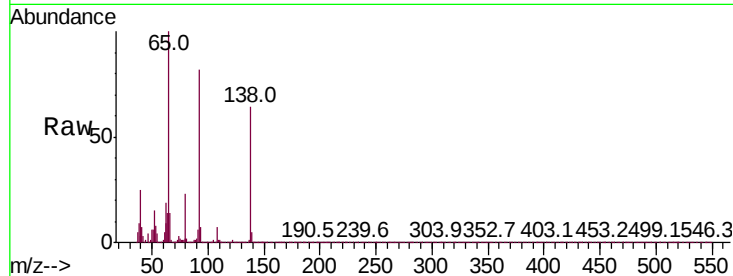
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.0	15.0
92	128.1	108.8	163.2

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#54

2,4-Dinitrophenol

Concen: 107.259 ng

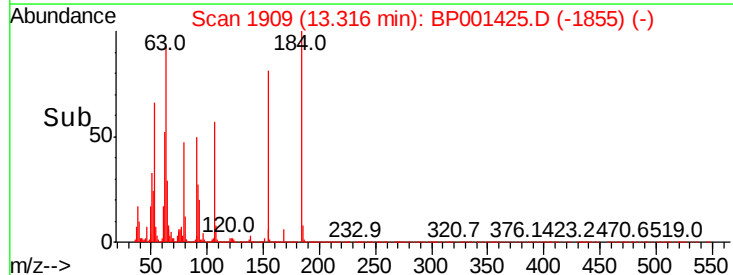
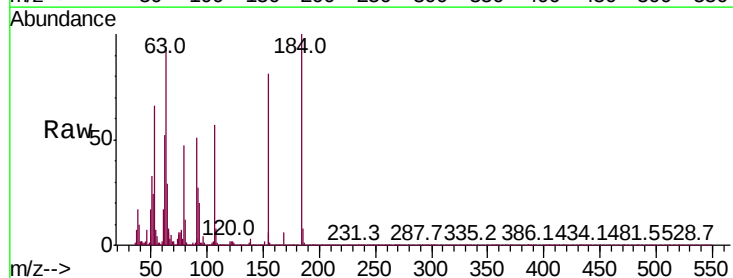
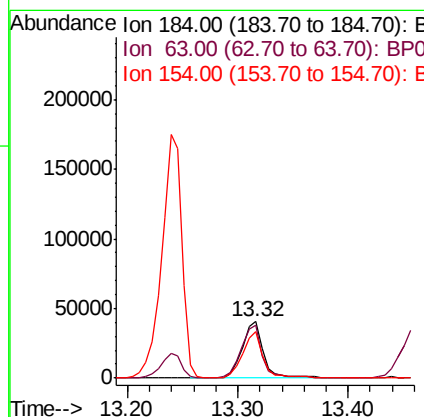
RT: 13.32 min Scan# 1909

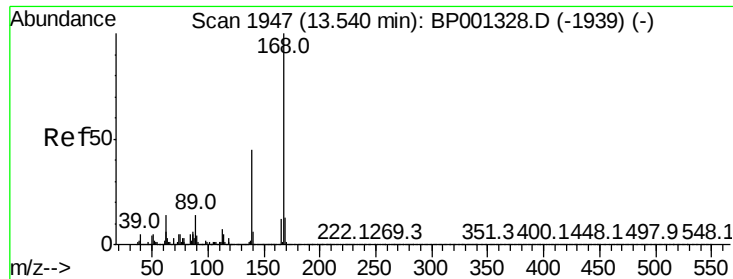
Delta R.T. 0.02 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.7	69.5	104.3
154	81.2	58.5	87.7





#55

Dibenzofuran

Concen: 48.585 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BP001425.D

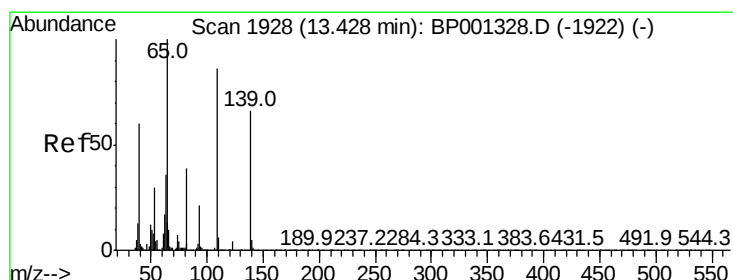
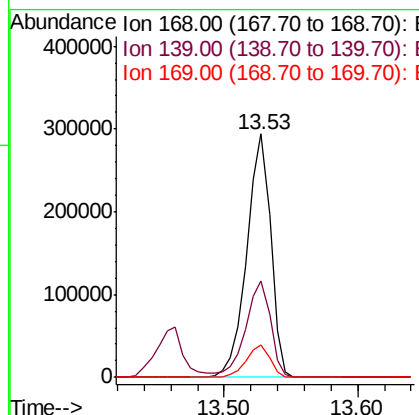
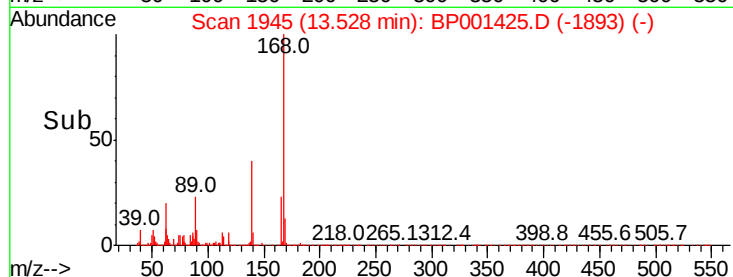
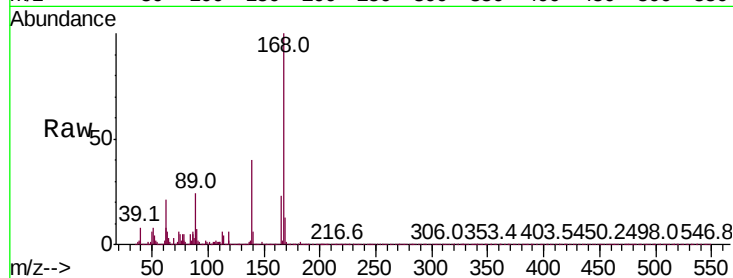
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.4
169	13.3	10.6	16.0

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#56

4-Nitrophenol

Concen: 86.223 ng

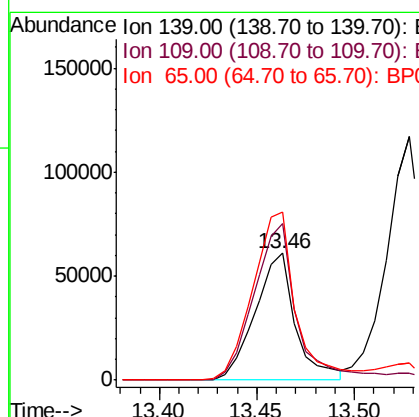
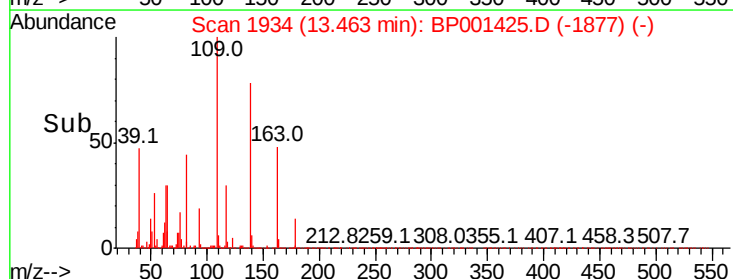
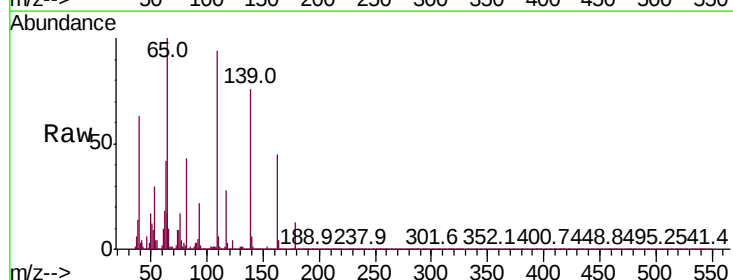
RT: 13.46 min Scan# 1934

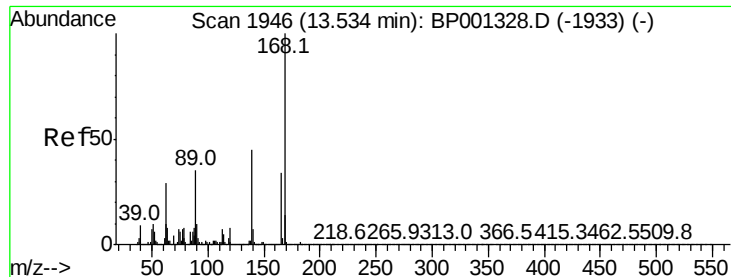
Delta R.T. 0.04 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	123.9	99.7	139.7
65	132.3	115.0	155.0





#57

2,4-Dinitrotoluene

Concen: 46.760 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

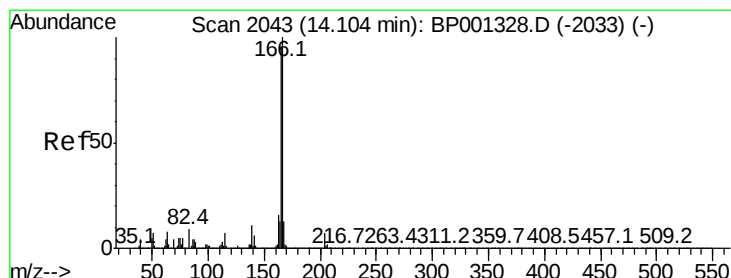
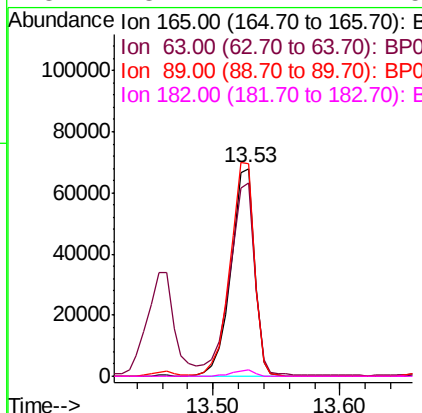
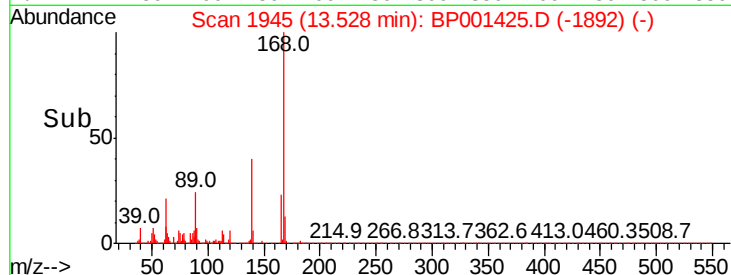
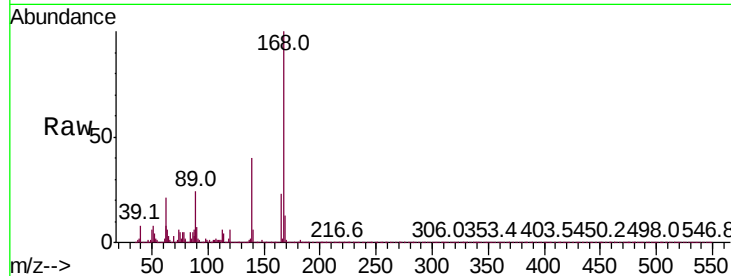
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	165	Resp:	86279
Ion Ratio	Lower	Upper	
165	100		
63	92.9	66.6	100.0
89	102.1	79.5	119.3
182	3.2	1.7	2.5#

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#58

Fluorene

Concen: 47.500 ng

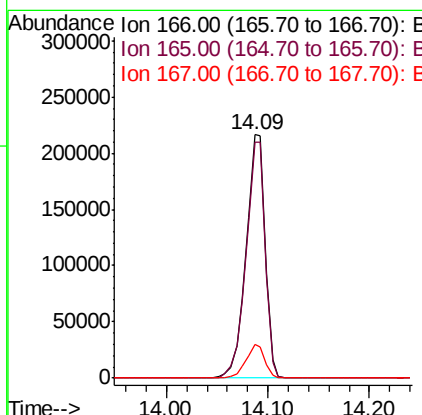
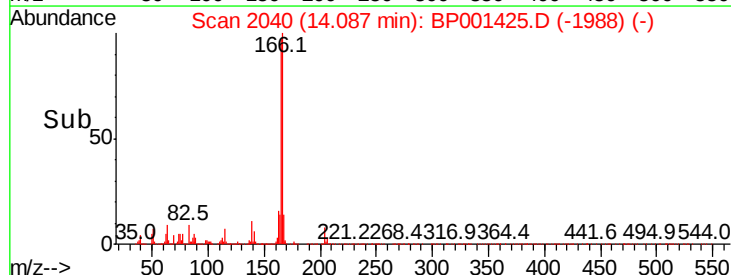
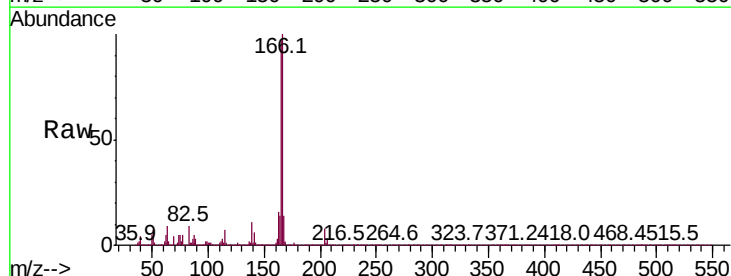
RT: 14.09 min Scan# 2040

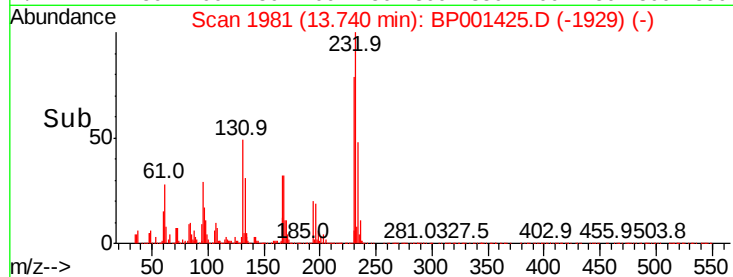
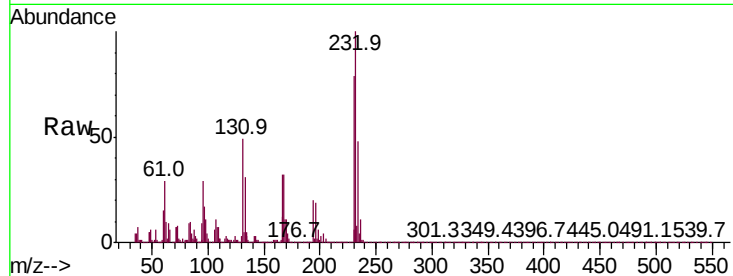
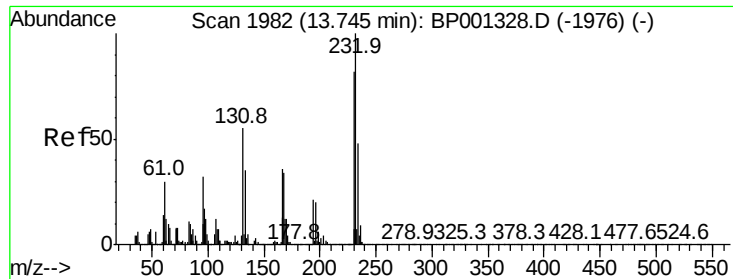
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	166	Resp:	282655
Ion Ratio	Lower	Upper	
166	100		
165	96.9	76.6	114.8
167	14.0	11.0	16.4





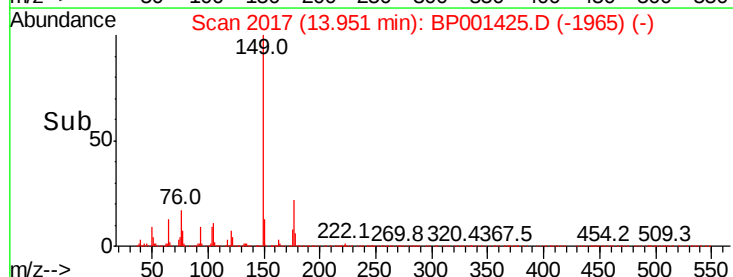
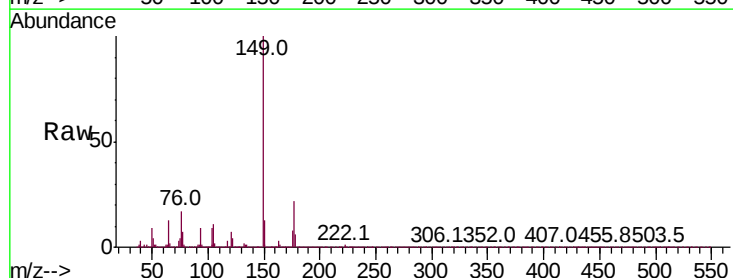
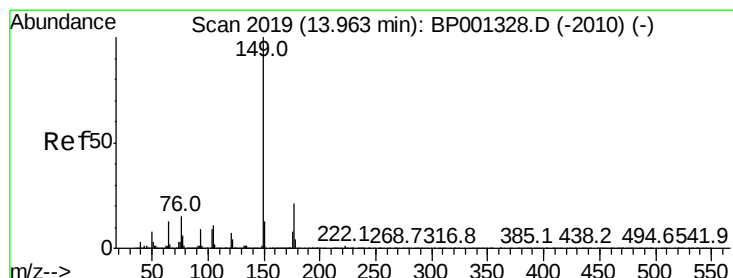
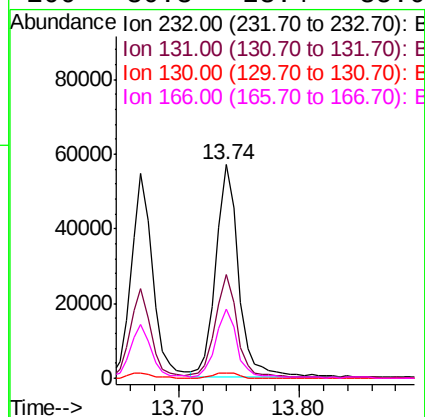
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.179 ng
RT: 13.74 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	34.2	51.4
130	3.1	2.1	3.1
166	30.3	23.4	35.0

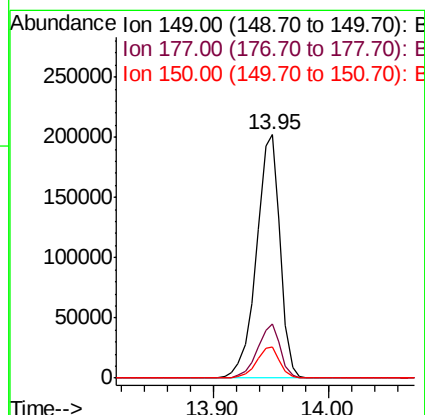
Manual Integrations
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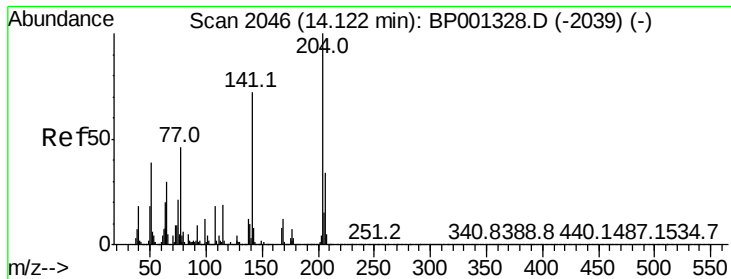
mohammad
12/27/2019 3:18:11 PM



#60
Diethylphthalate
Concen: 42.562 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.6
150	12.8	9.7	14.5





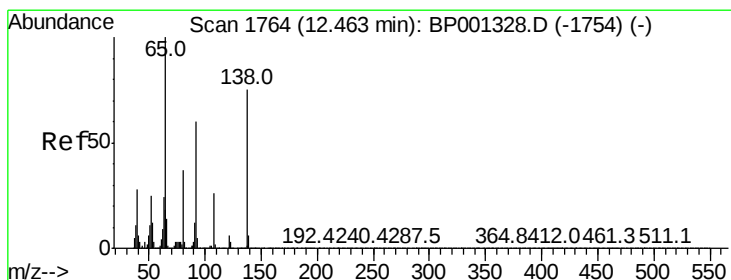
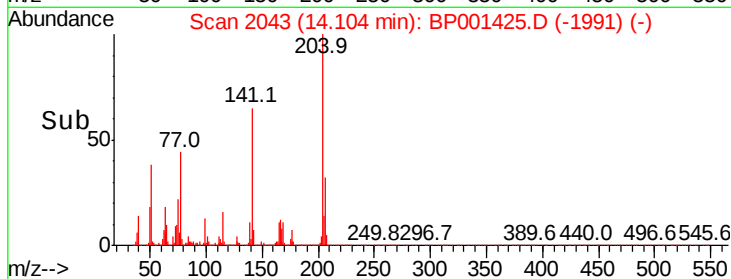
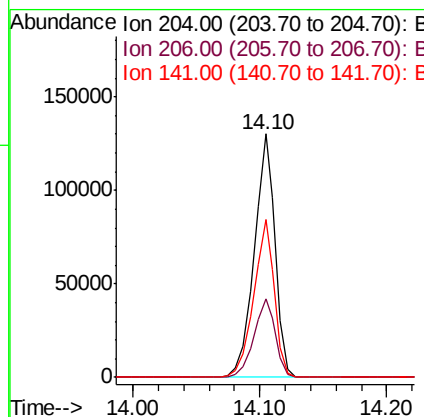
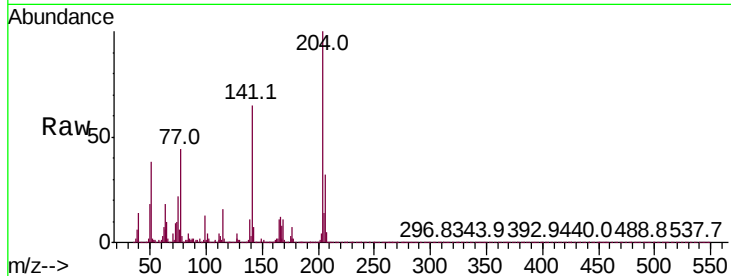
#61
4-Chlorophenyl-phenylether
Concen: 47.593 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.8
141	65.1	50.6	75.8

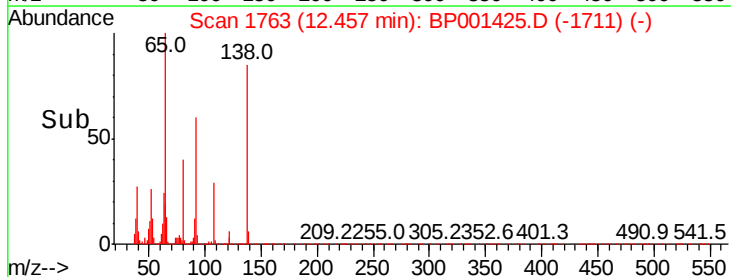
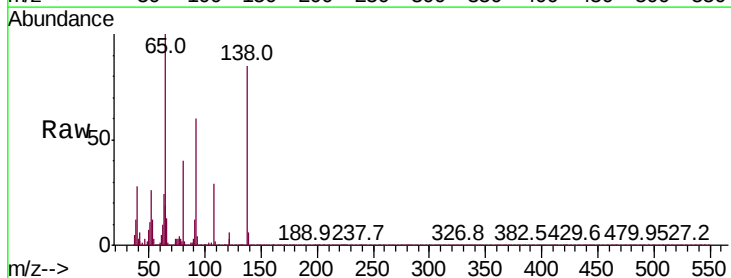
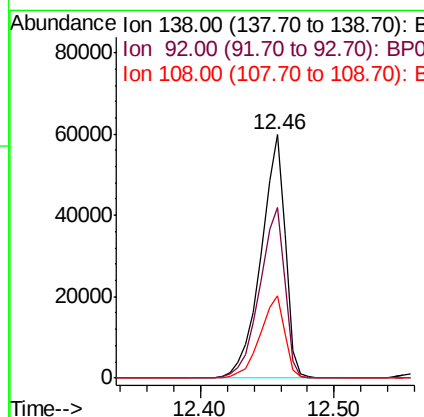
Manual Integrations
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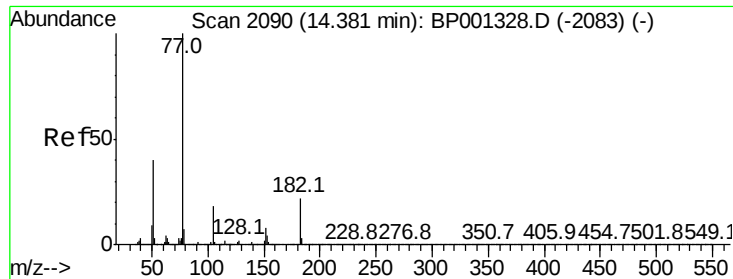
mohammad
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#62
4-Nitroaniline
Concen: 45.453 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.9	45.4	85.4
108	33.8	11.4	51.4





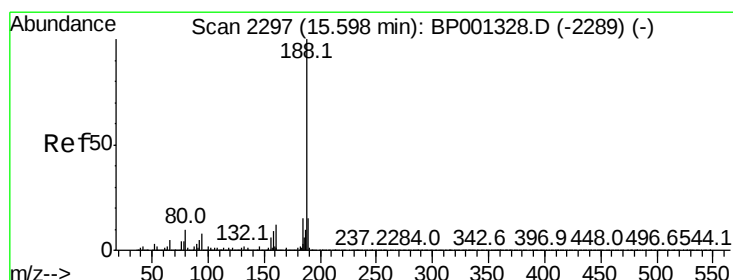
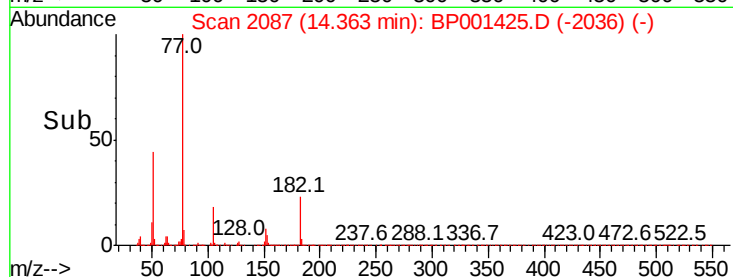
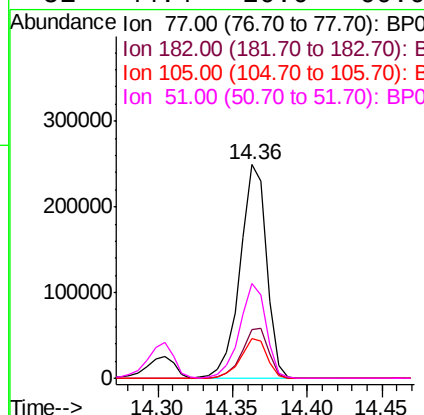
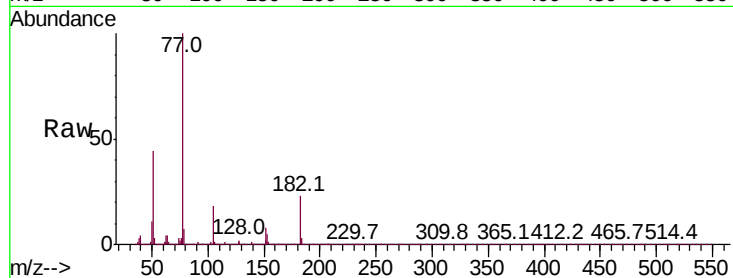
#63
Azobenzene
Concen: 43.208 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.7	5.8	45.8
105	18.4	0.0	38.8
51	44.4	20.0	60.0

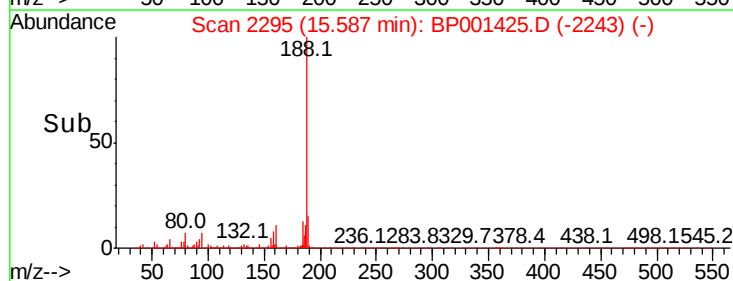
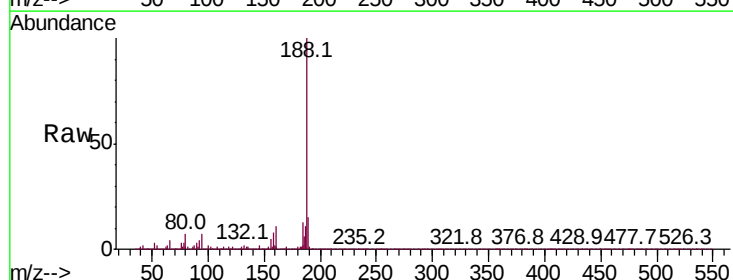
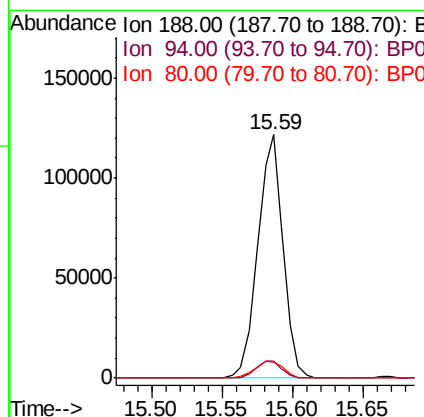
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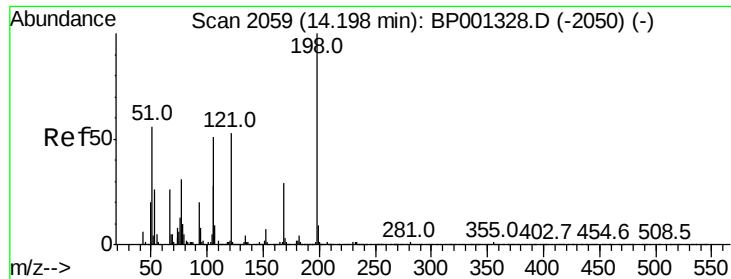
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	6.5	5.7	8.5





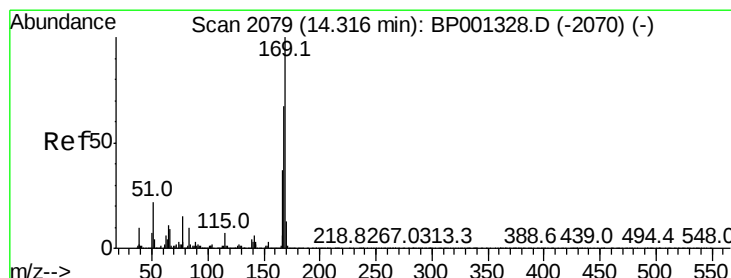
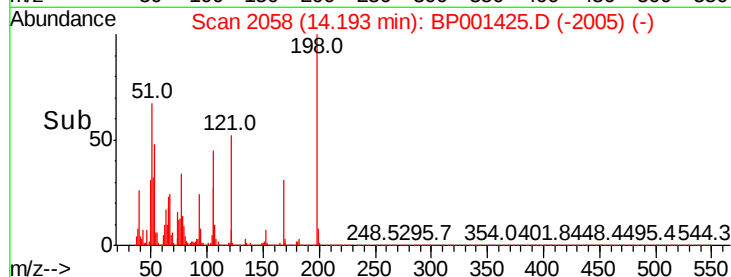
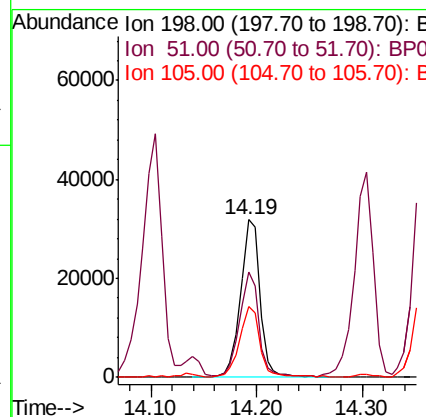
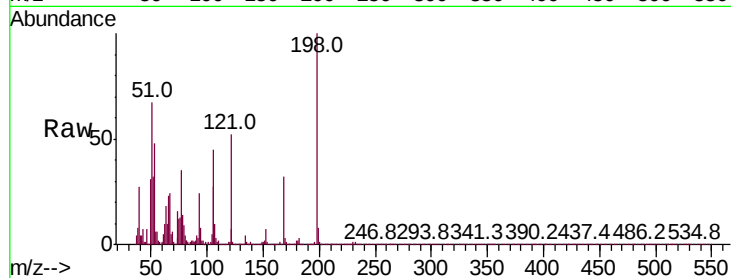
#65
4,6-Dinitro-2-methylphenol
Concen: 59.281 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	67.1	42.2	82.2
105	45.1	21.5	61.5

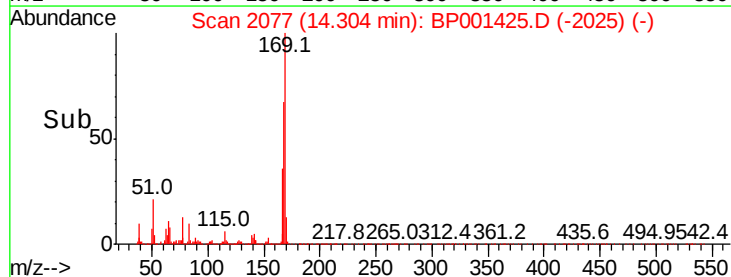
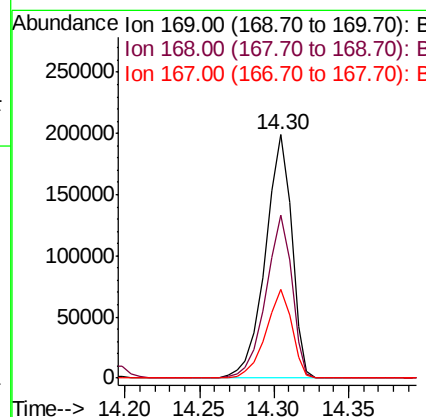
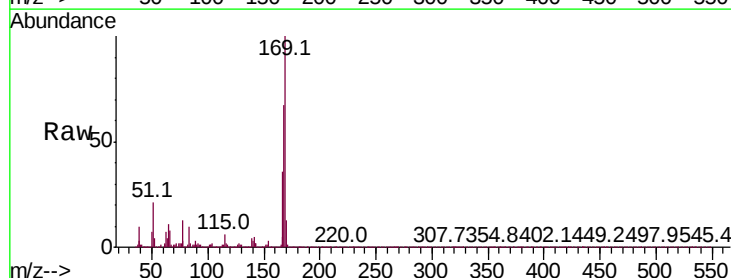
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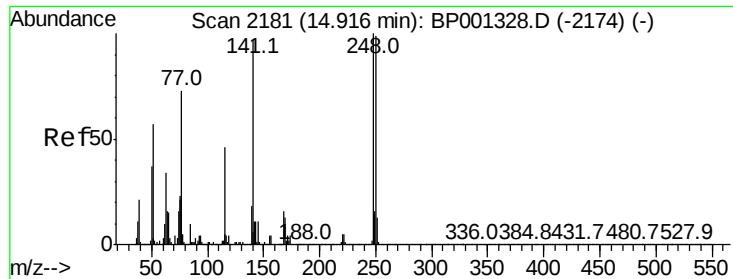
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#66
n-Nitrosodiphenylamine
Concen: 50.025 ng
RT: 14.30 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.2	81.2
167	36.5	29.3	43.9





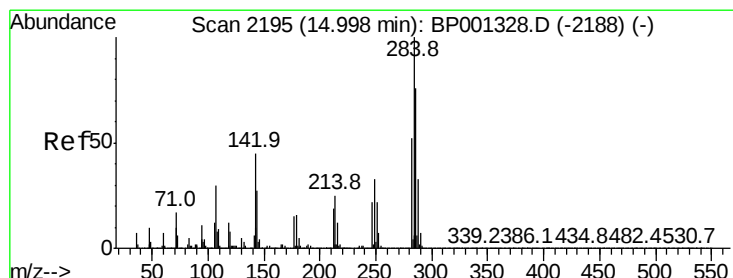
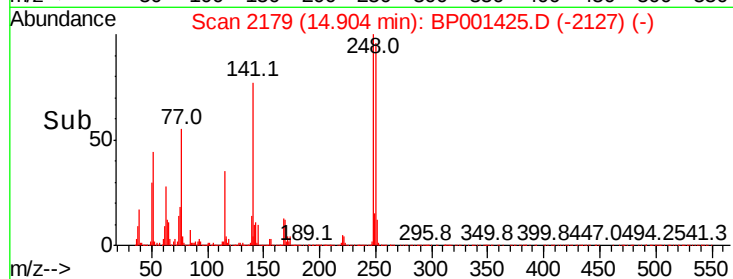
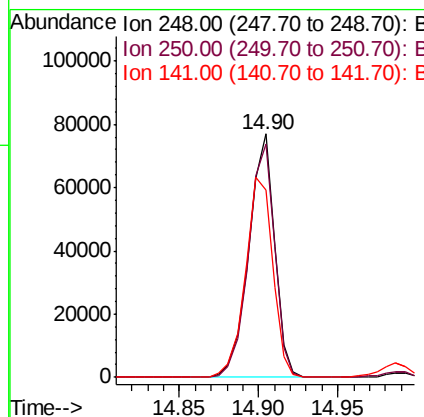
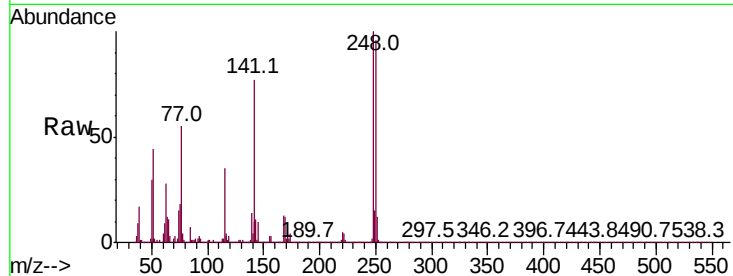
#67
4-Bromophenyl-phenylether
Concen: 48.083 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.2	114.4
141	77.2	60.7	91.1

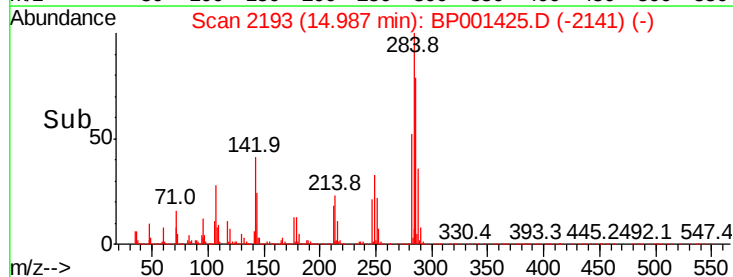
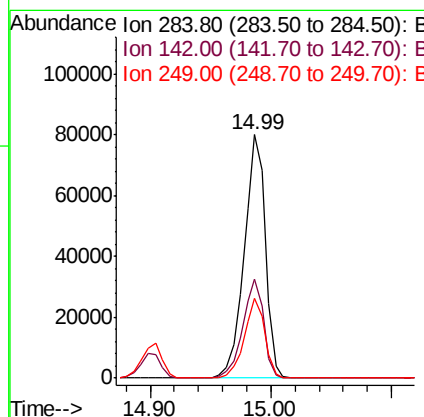
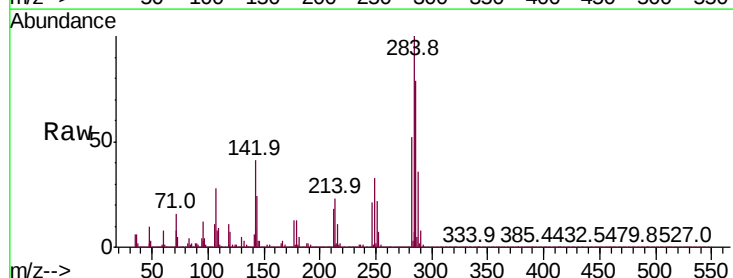
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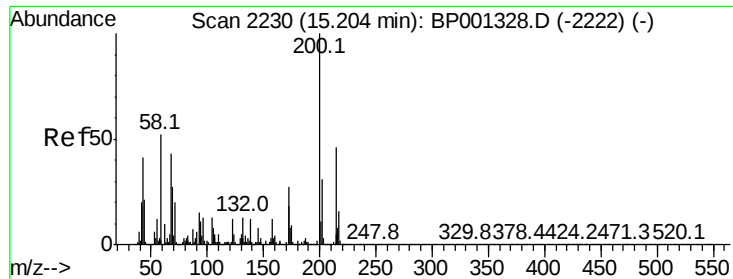
mohammad
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#68
Hexachlorobenzene
Concen: 47.498 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.7	28.7	43.1
249	33.0	27.0	40.4





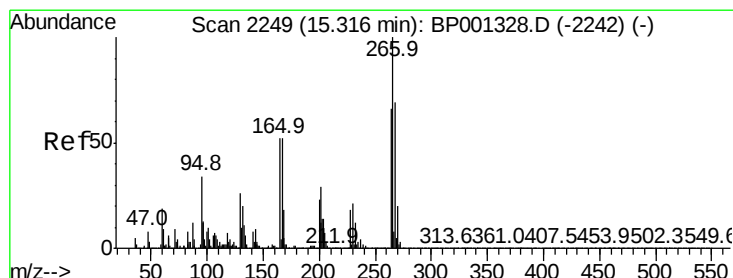
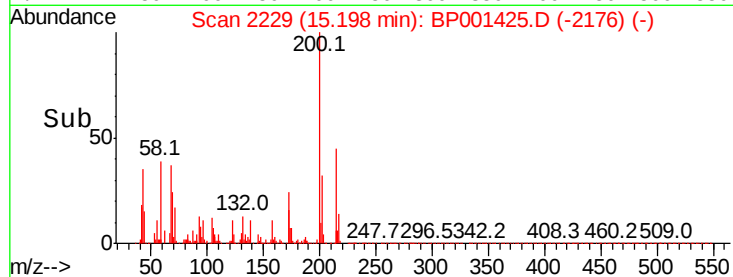
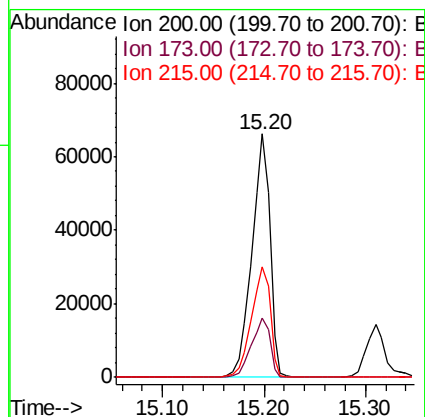
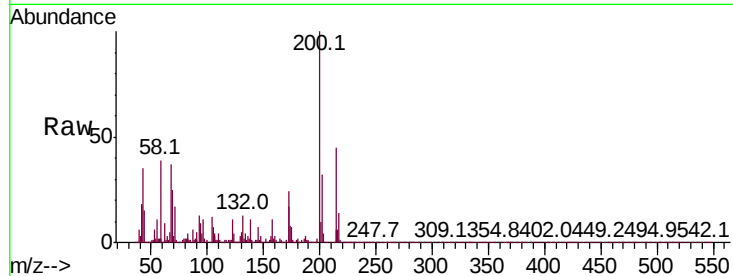
#69
Atrazine
Concen: 47.111 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
Client Sample Id :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.9	43.9
215	45.4	26.1	66.1

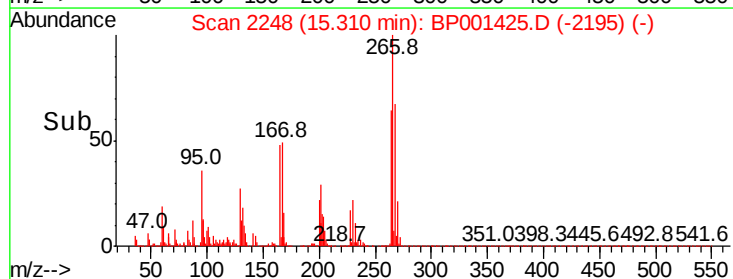
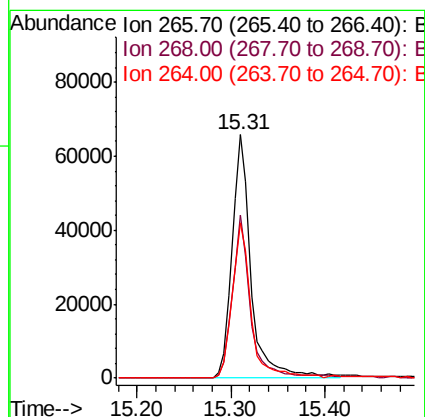
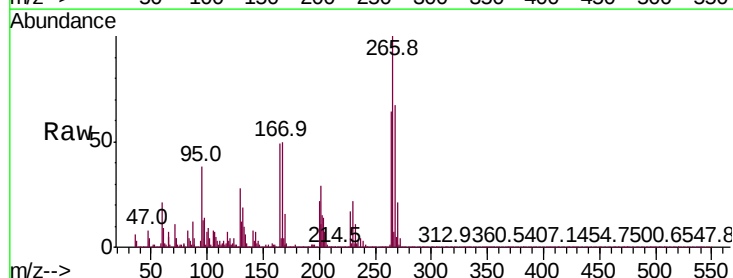
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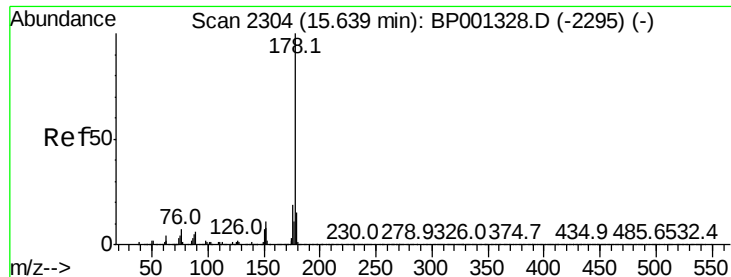
mohammad
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#70
Pentachlorophenol
Concen: 87.702 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	57.0	85.4
264	64.0	50.8	76.2





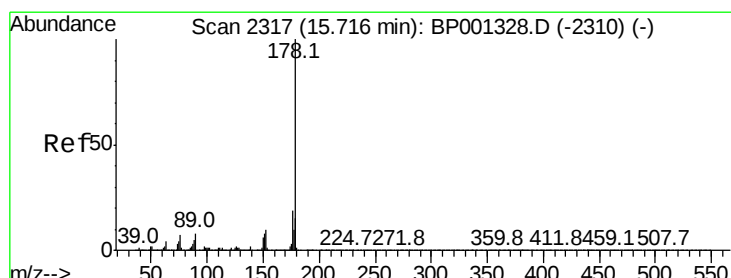
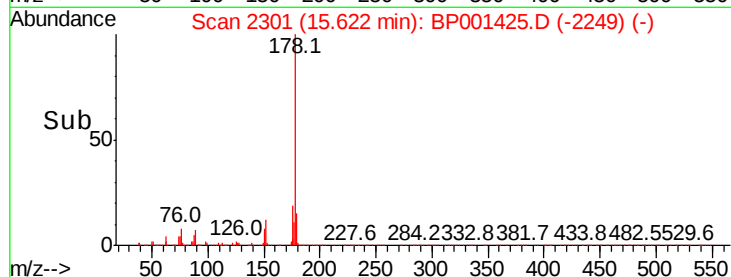
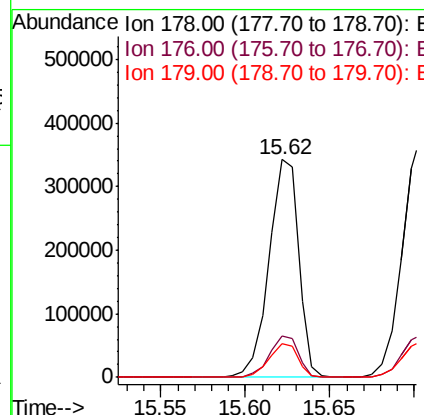
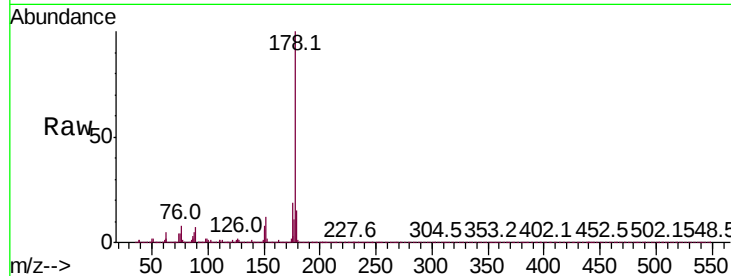
#71
Phenanthrene
Concen: 47.746 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.2

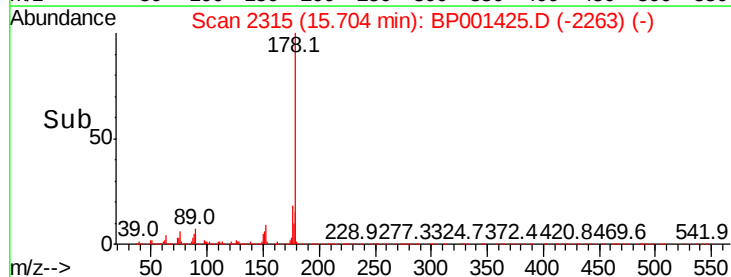
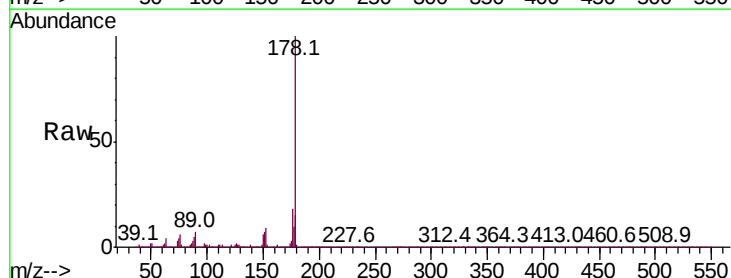
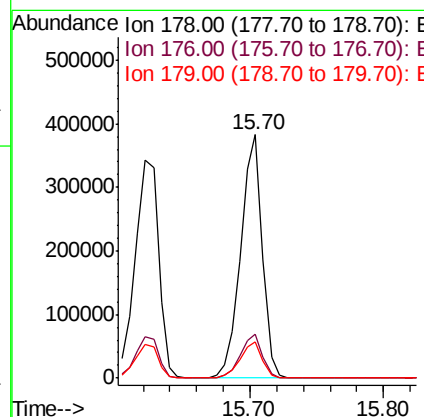
Manual Integrations
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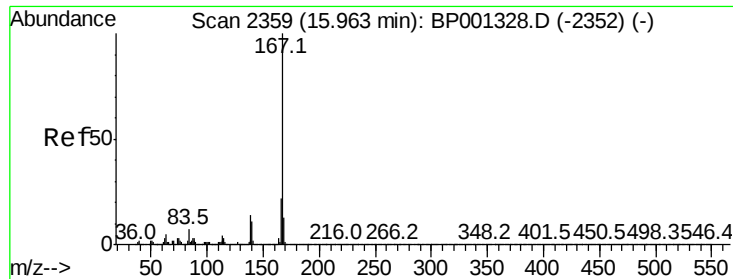
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#72
Anthracene
Concen: 49.872 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	14.9	11.8	17.8





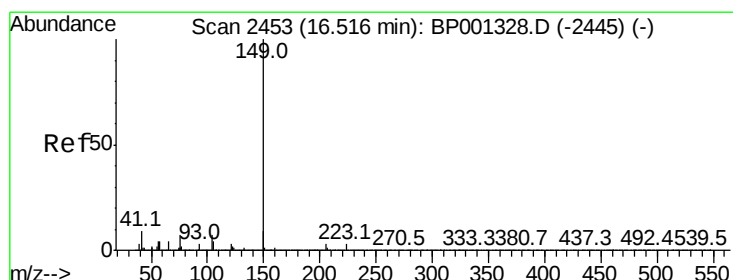
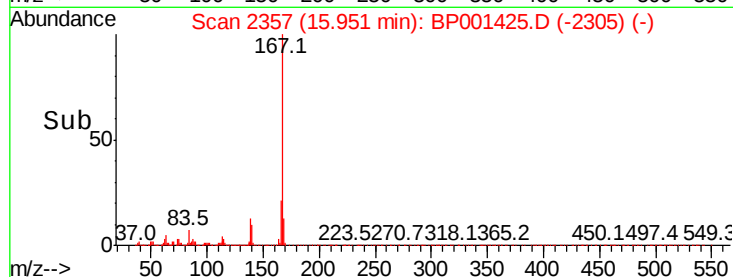
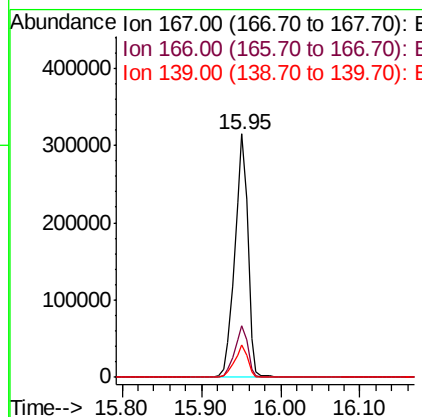
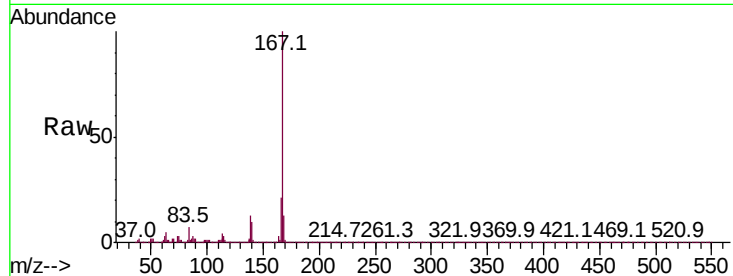
#73
 Carbazole
 Concen: 46.652 ng
 RT: 15.95 min Scan# 2357
 Delta R.T. 0.01 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.5	10.9	16.3

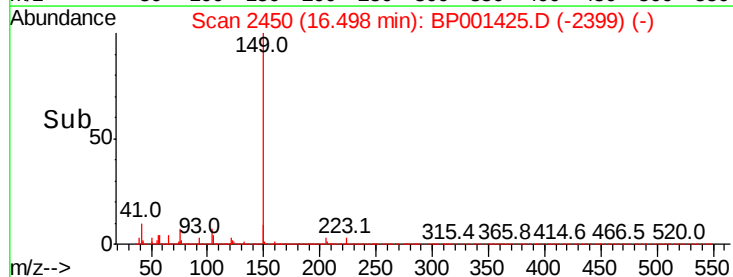
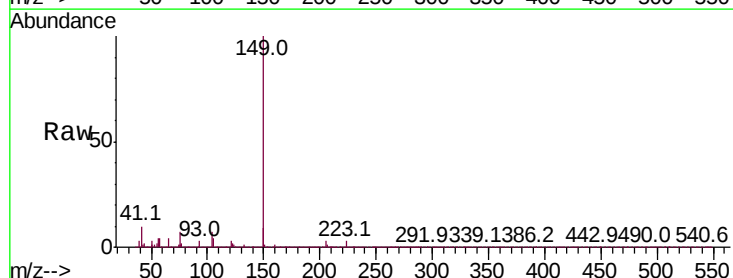
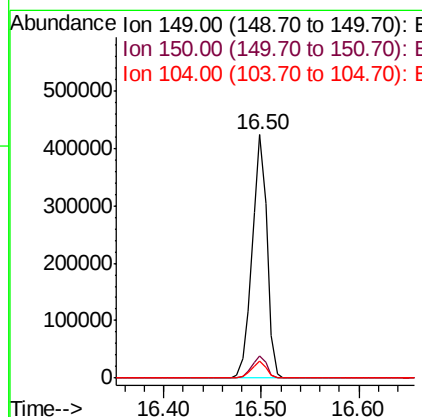
Manual Integrations
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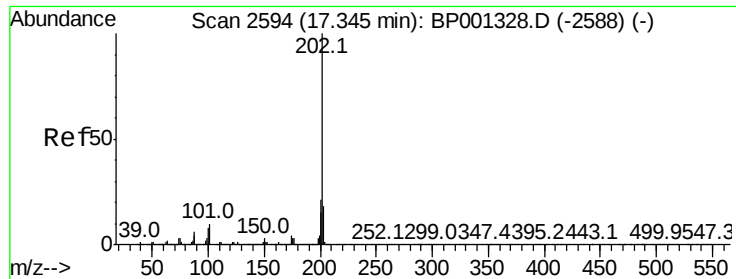
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.090 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.1	7.0	10.6
104	7.0	5.2	7.8





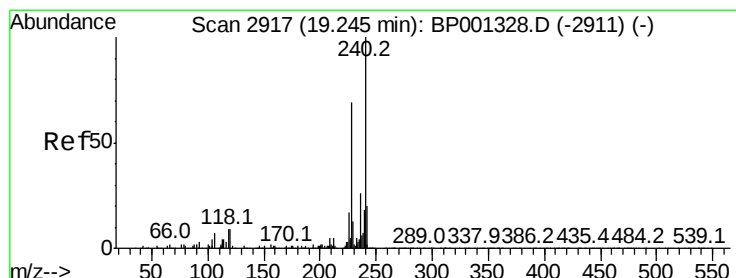
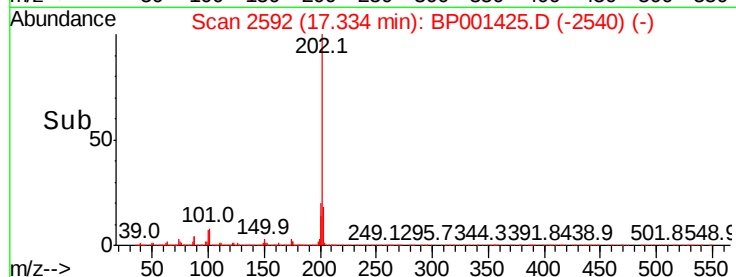
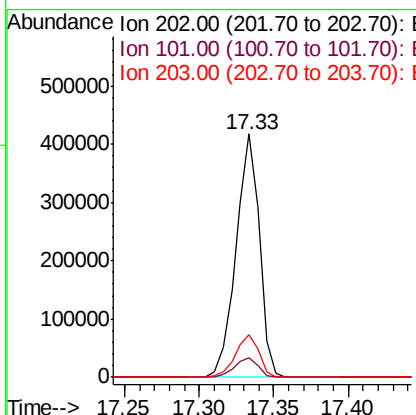
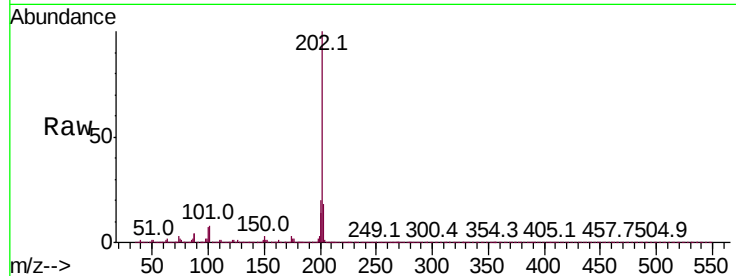
#75
 Fluoranthene
 Concen: 46.783 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Instrument :
 BNA_P
 ClientSampleId :
 SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.1	0.0	28.7
203	17.6	0.0	37.4

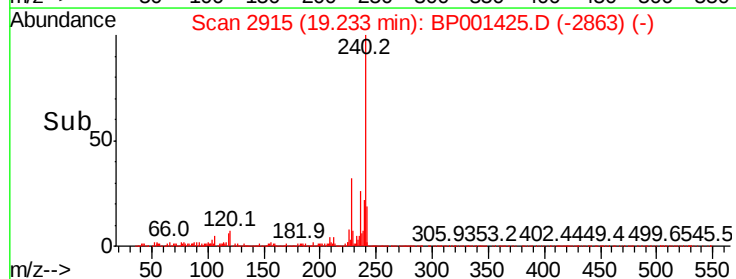
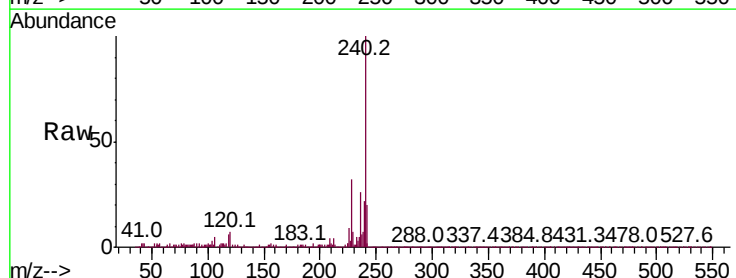
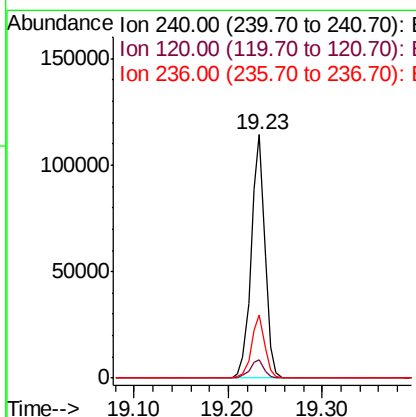
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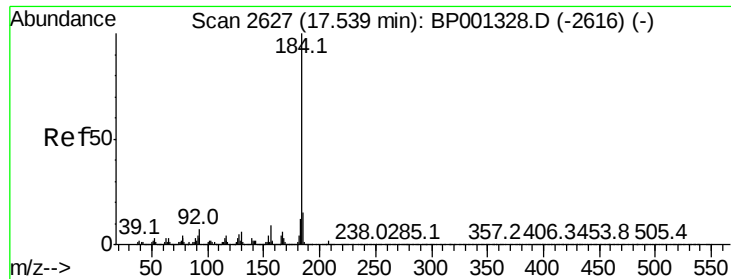
mohammad
 12/27/2019 3:18:11 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.23 min Scan# 2915
 Delta R.T. 0.01 min
 Lab File: BP001425.D
 Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.5	6.2	9.2
236	26.1	20.2	30.2





#77

Benzidine

Concen: 70.081 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

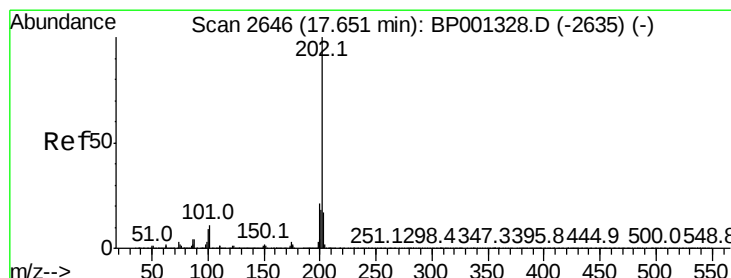
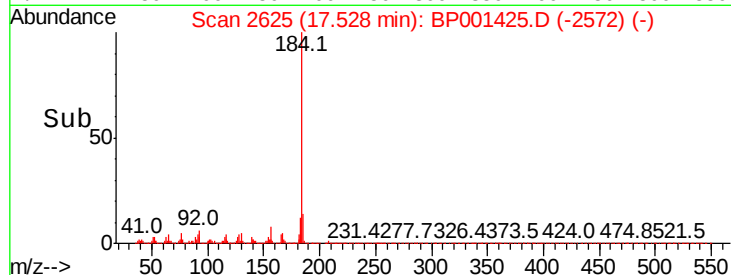
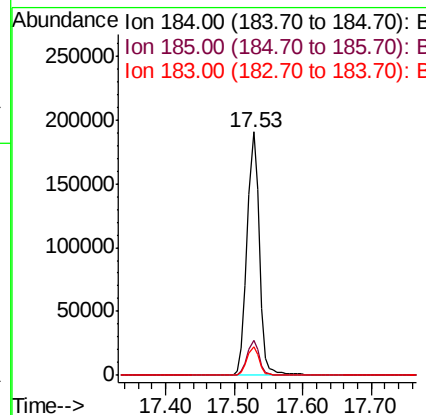
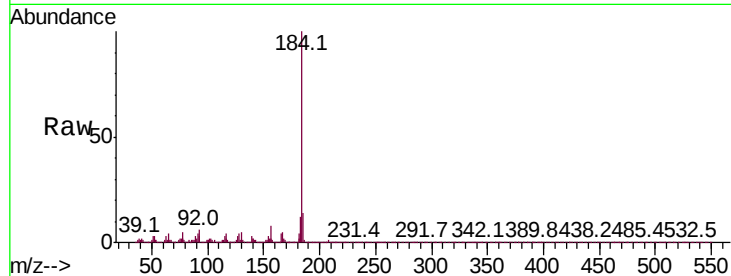
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	184	Resp:	235057
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.8
183	11.9	9.6	14.4

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#78

Pyrene

Concen: 51.796 ng

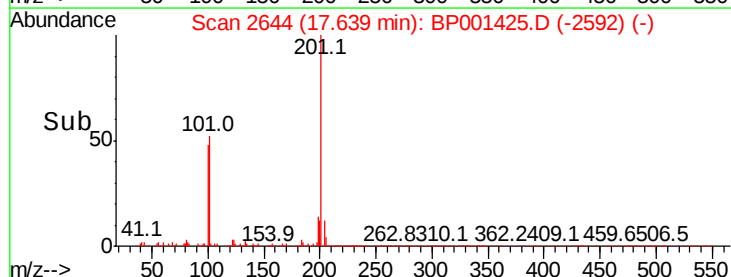
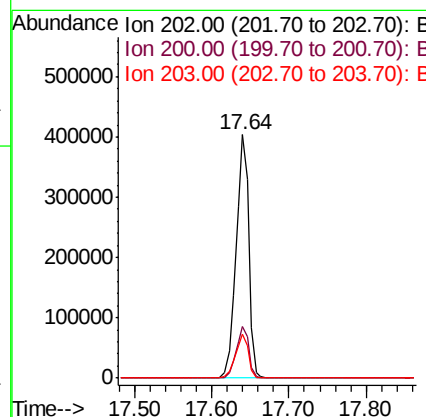
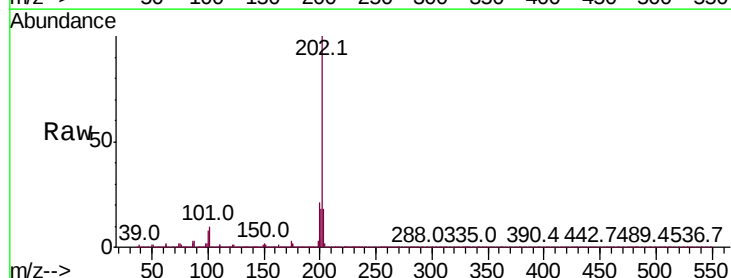
RT: 17.64 min Scan# 2644

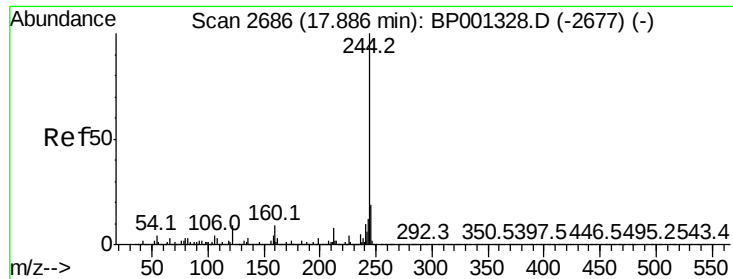
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	202	Resp:	463290
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	18.2	14.3	21.5





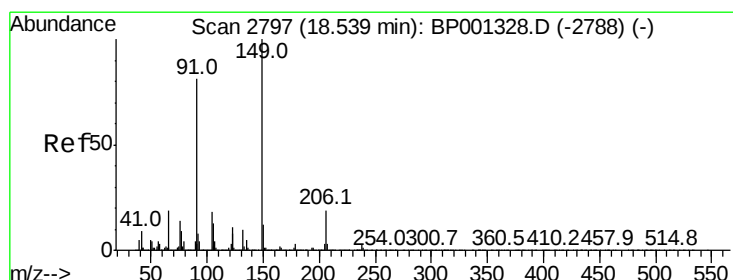
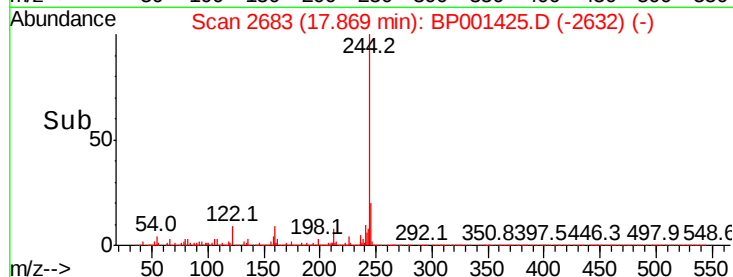
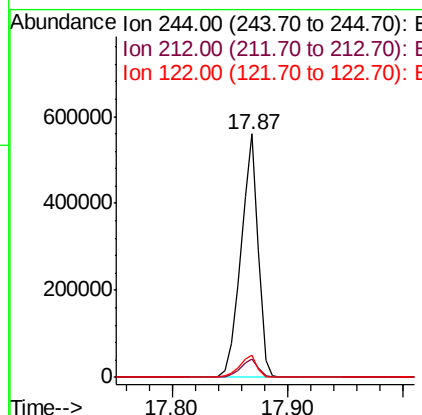
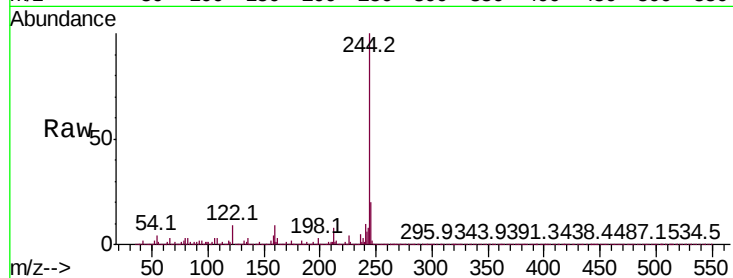
#79
Terphenyl-d14
Concen: 85.037 ng
RT: 17.87 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.9	6.4	9.6

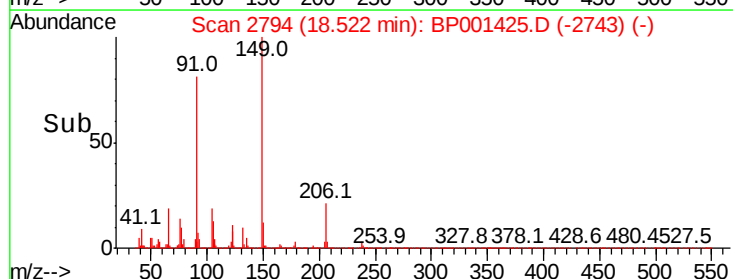
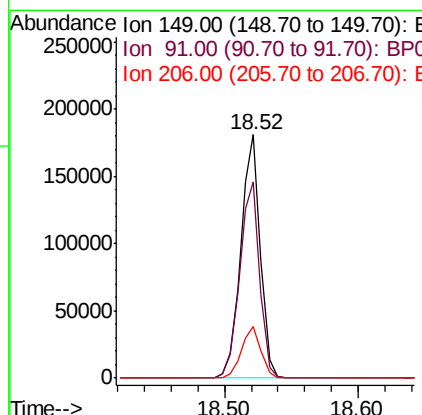
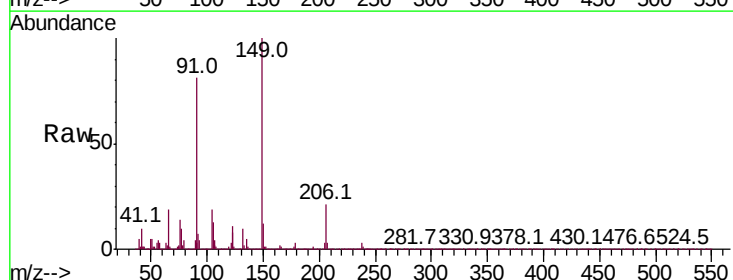
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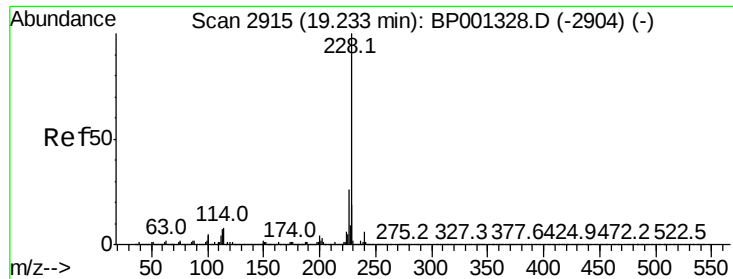
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#80
Butylbenzylphthalate
Concen: 43.716 ng
RT: 18.52 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	80.8	59.8	89.6
206	21.0	18.3	27.5





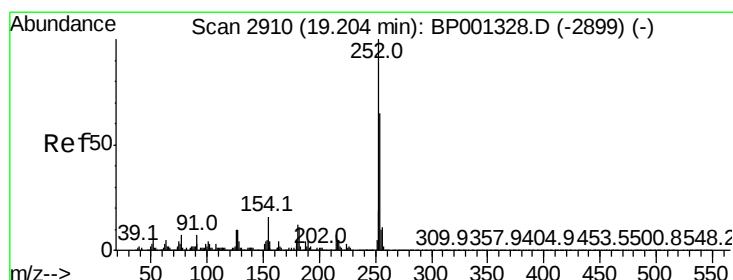
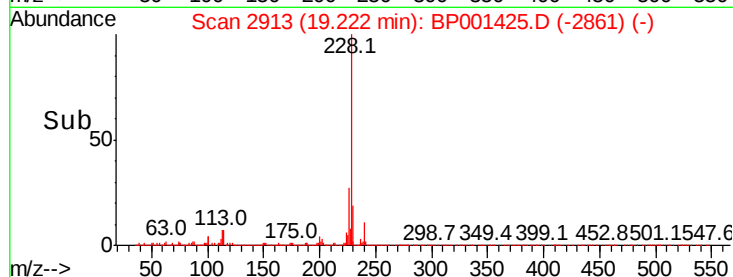
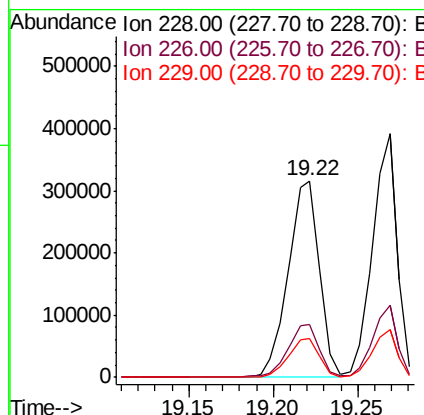
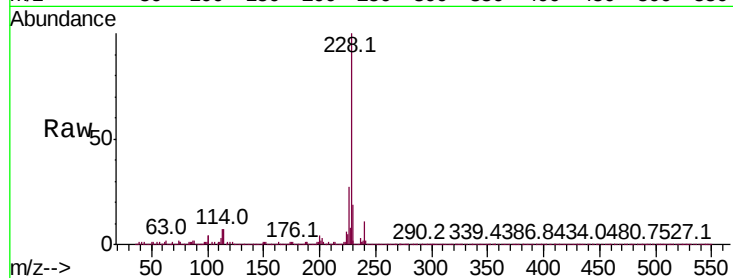
#81
Benzo(a)anthracene
Concen: 48.360 ng
RT: 19.22 min Scan# 2913
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.5	15.7	23.5

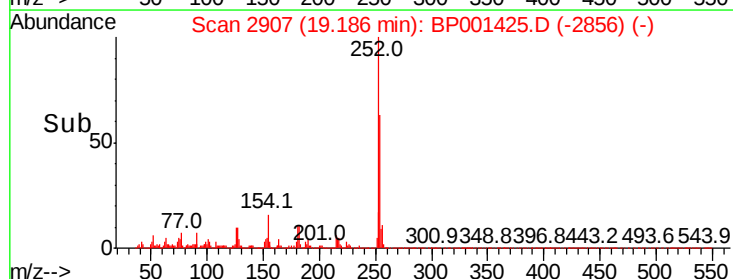
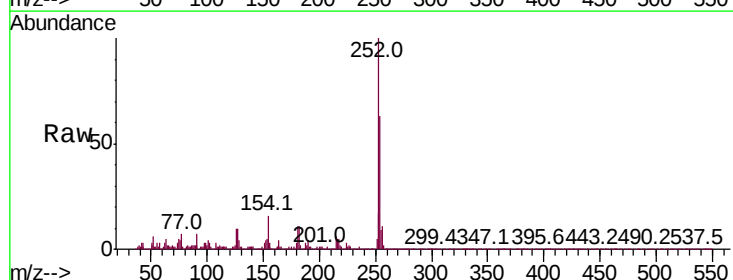
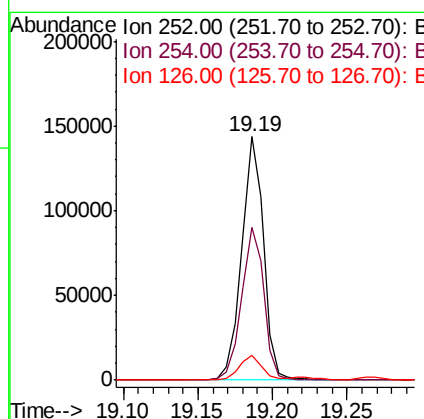
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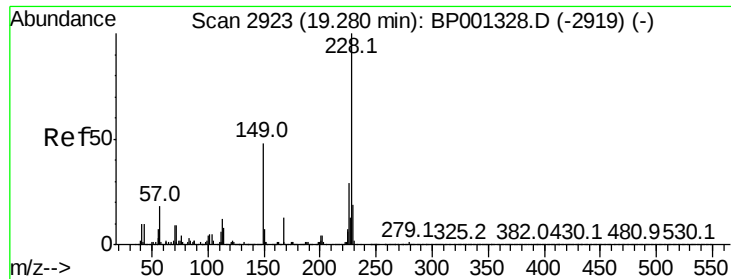
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#82
3,3'-Dichlorobenzidine
Concen: 50.138 ng
RT: 19.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.3	78.5
126	10.0	7.3	10.9





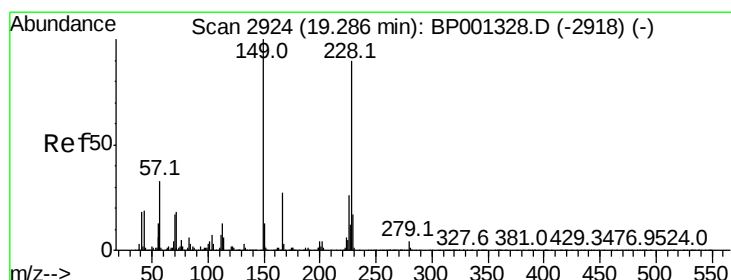
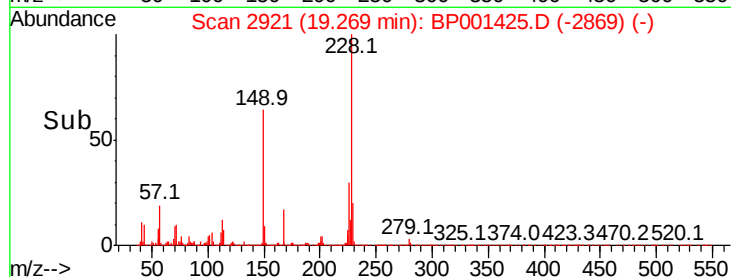
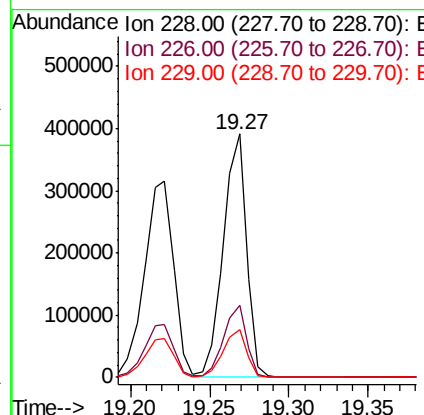
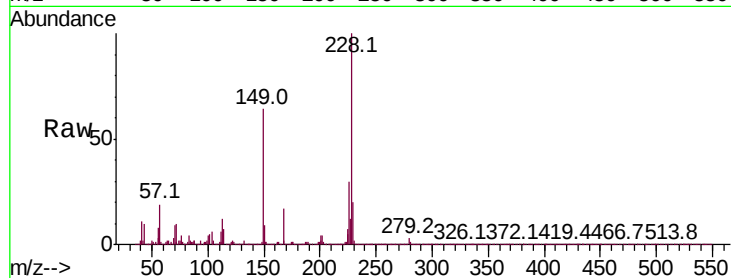
#83
Chrysene
Concen: 49.061 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.6	15.5	23.3

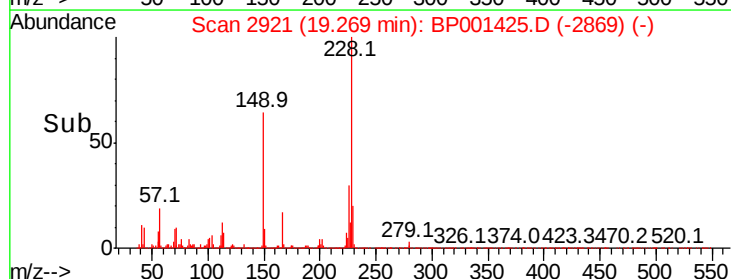
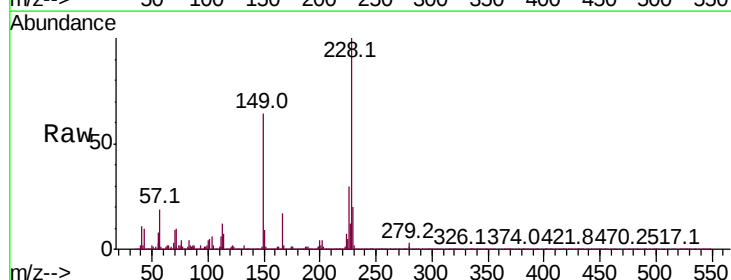
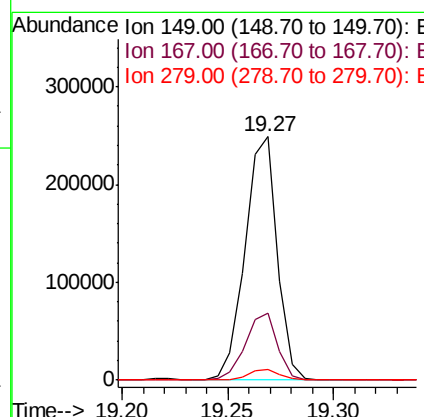
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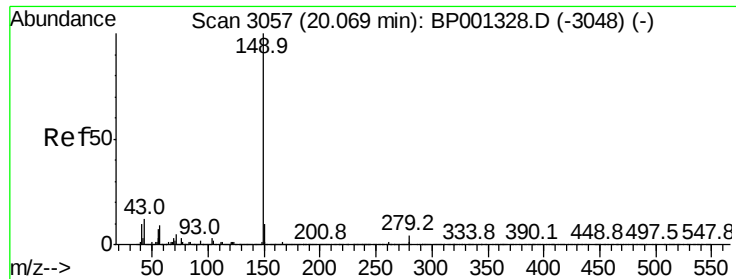
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.665 ng
RT: 19.27 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 41.899 ng

RT: 20.05 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Instrument :

BNA_P

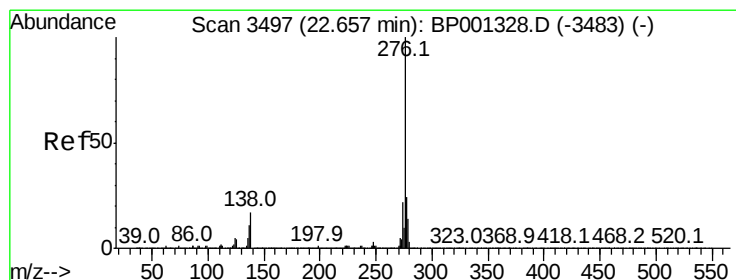
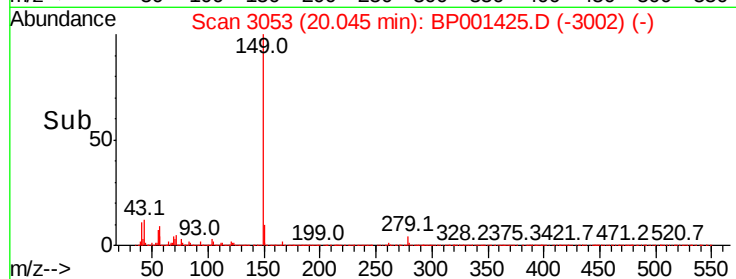
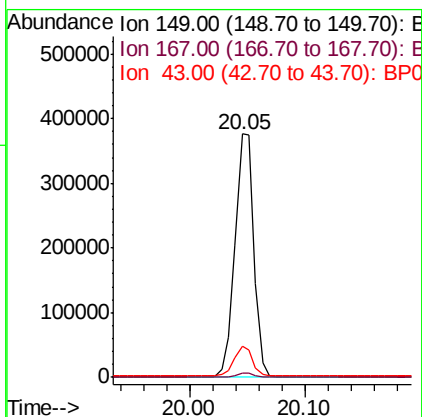
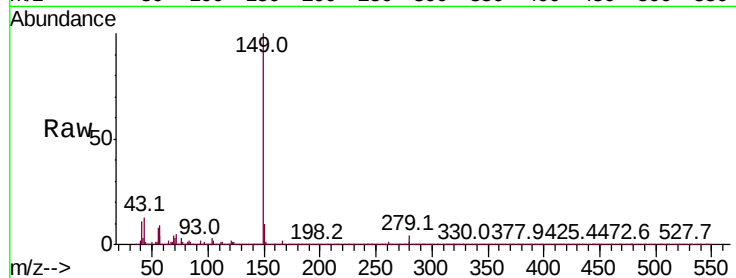
ClientSampleId :

SB-2-(4-5)MSD

Tot Ion:	149	Resp:	424929
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.9	8.6	13.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 44.544 ng

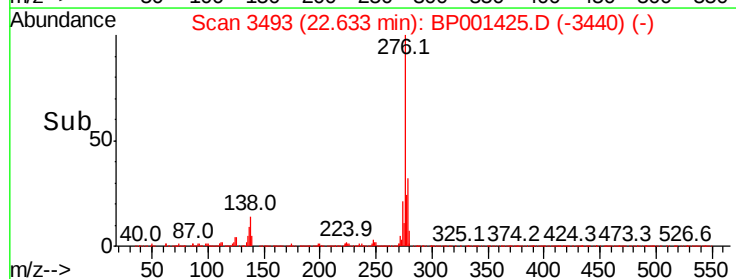
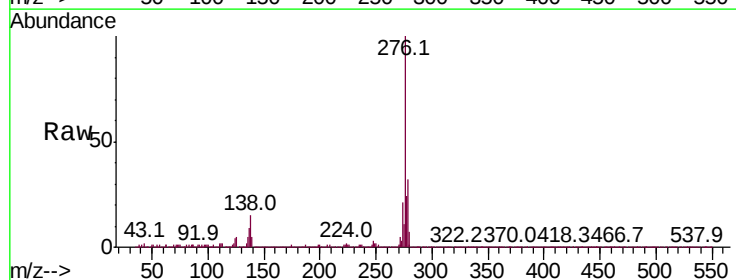
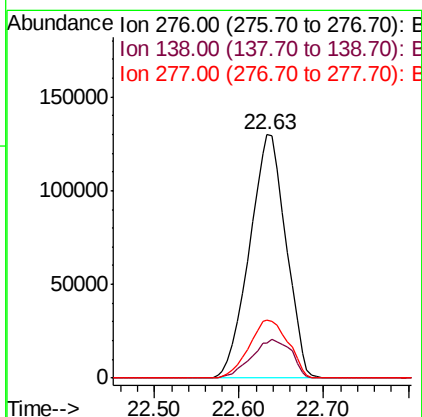
RT: 22.63 min Scan# 3493

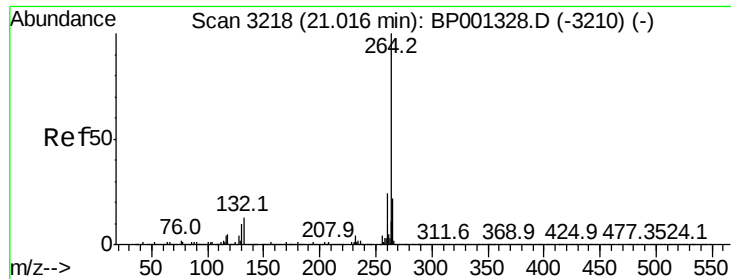
Delta R.T. 0.01 min

Lab File: BP001425.D

Acq: 26 Dec 2019 16:56

Tgt Ion:	276	Resp:	389796
Ion Ratio	Lower	Upper	
276	100		
138	17.3	12.8	19.2
277	25.8	19.9	29.9





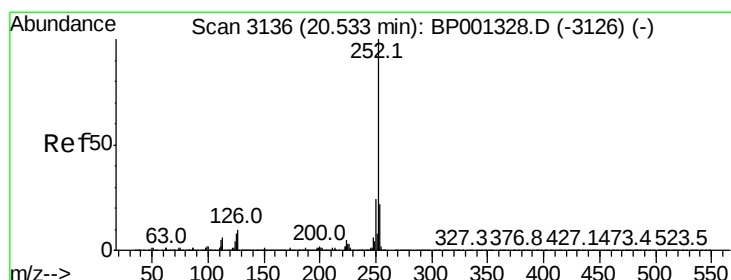
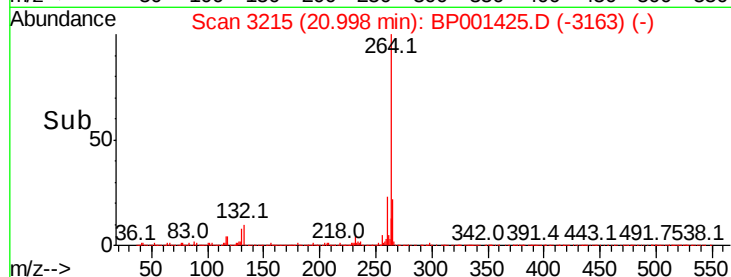
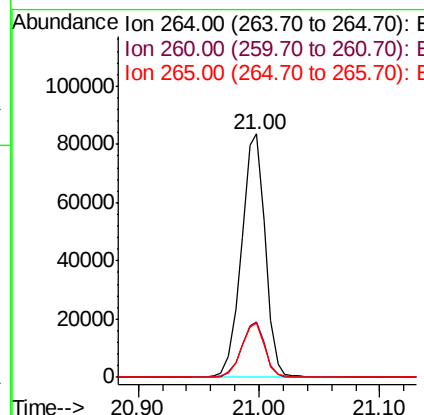
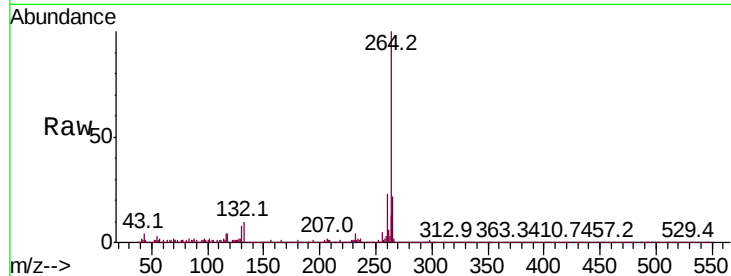
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	22.5	17.0	25.4

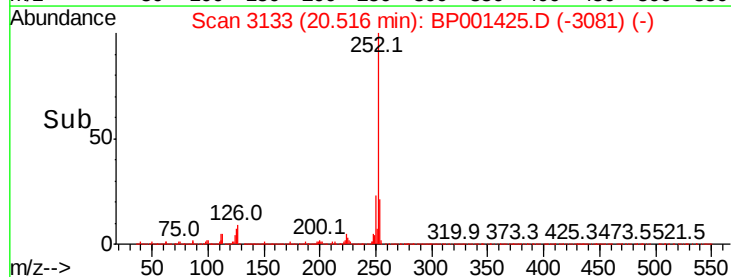
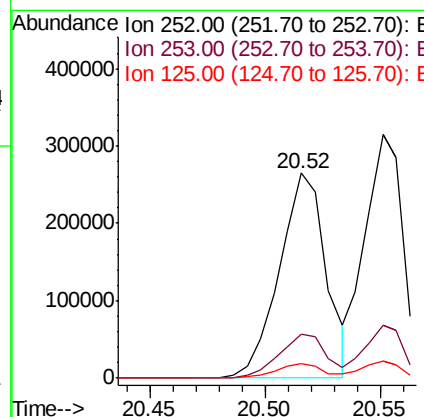
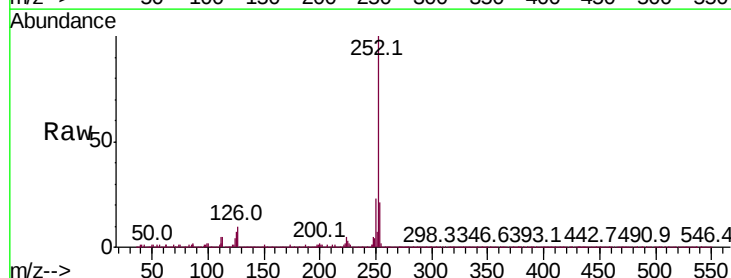
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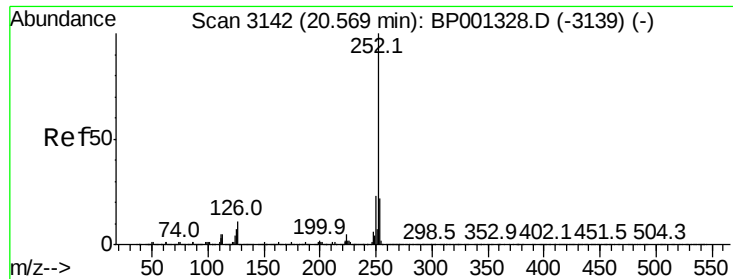
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#88
Benzo(b)fluoranthene
Concen: 49.574 ng
RT: 20.52 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	7.0	5.6	8.4





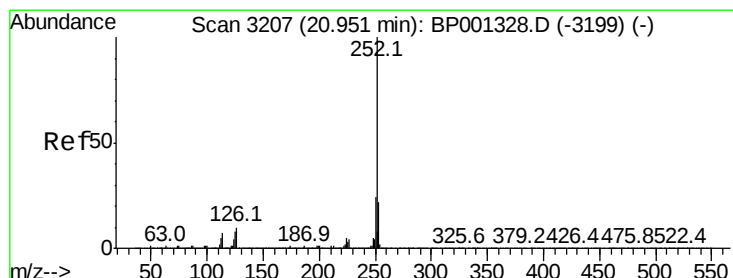
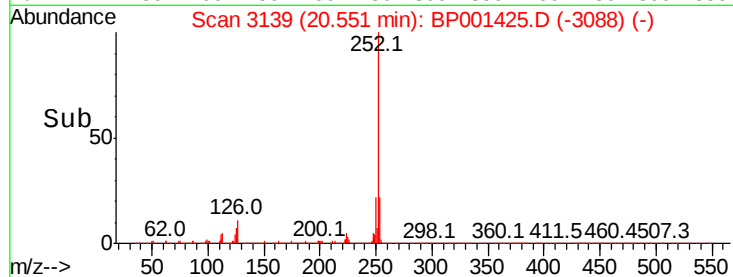
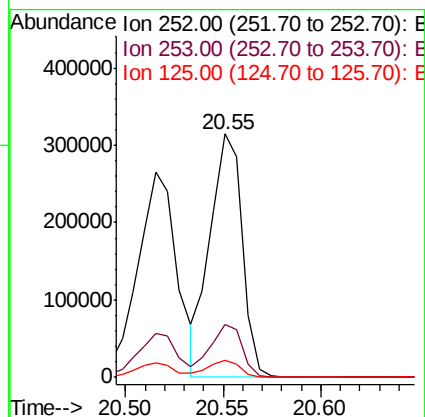
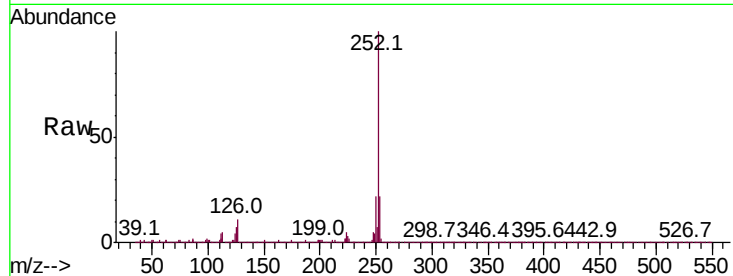
#89
Benzo(k)fluoranthene
Concen: 50.198 ng
RT: 20.55 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.2	4.5	6.7#

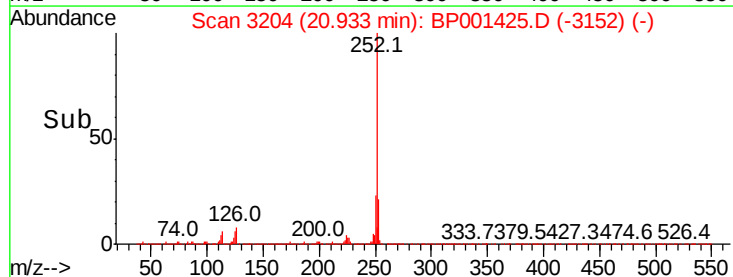
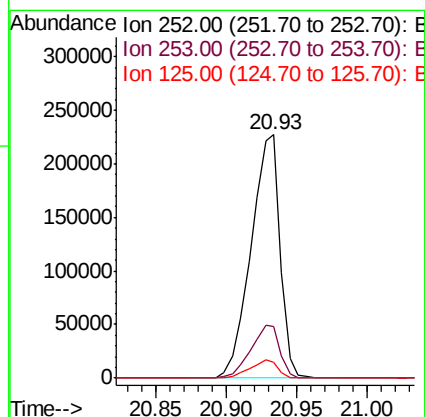
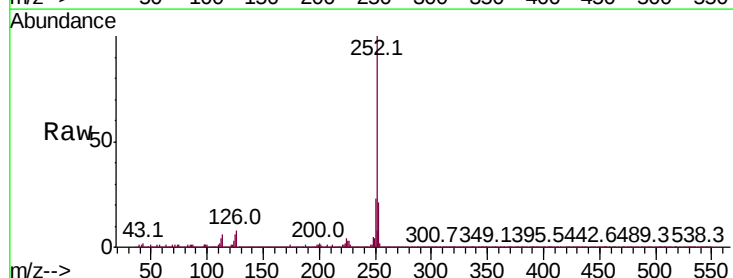
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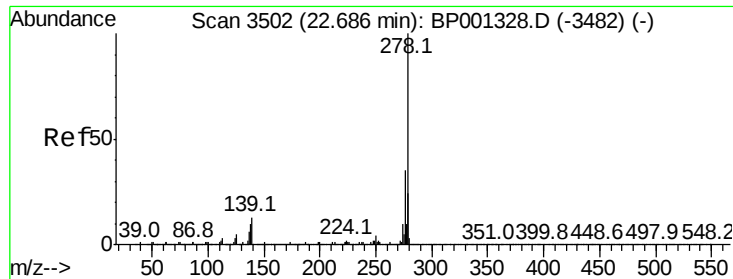
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#90
Benzo(a)pyrene
Concen: 48.024 ng
RT: 20.93 min Scan# 3204
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.2	17.2	25.8
125	6.3	5.2	7.8





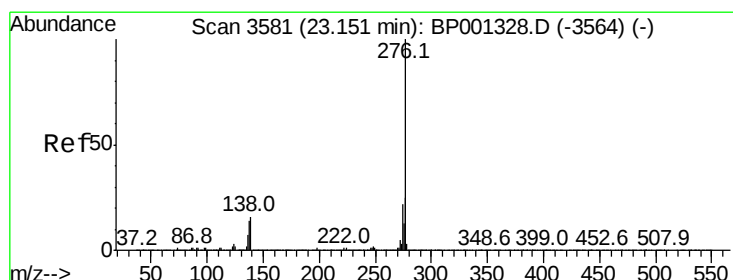
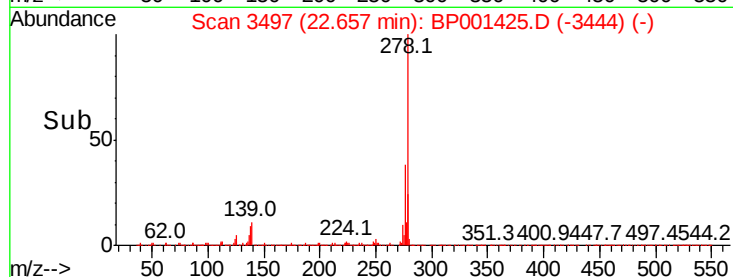
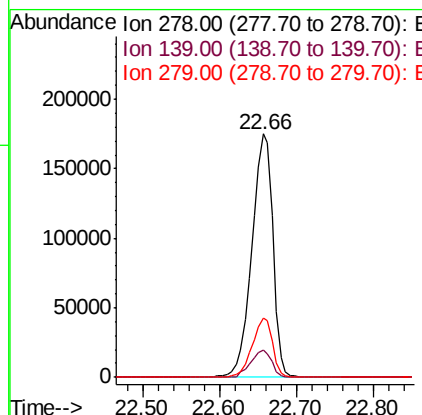
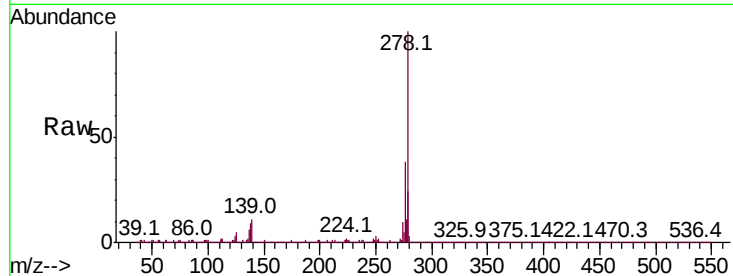
#91
Dibenzo(a,h)anthracene
Concen: 50.045 ng
RT: 22.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.3	12.5
279	24.4	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 68.140 ng
RT: 23.12 min Scan# 3576
Delta R.T. 0.01 min
Lab File: BP001425.D
Acq: 26 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	13.0	10.5	15.7

