

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013280.D
 Acq On : 08 Dec 2017 22:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:07 PM

Quant Time: Dec 08 23:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 16:56:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	178415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	755241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	490870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1222882	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1292692	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1108423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	26207m	7.28	ng/uL	0.00
5) Phenol-d5	6.87	99	288610	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	166039	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	230362	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	249410	18.91	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	118890	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	133061	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	257369	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	304579	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	867824	19.87	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1068236	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	149045	19.64	ng/ul	0.00
57) Fluorene-d10	15.33	176	734410	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	142058	18.47	ng/ul	0.00
70) Anthracene-d10	17.18	188	1206107	19.69	ng/ul	0.00
76) Pyrene-d10	19.48	212	1349446	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1109346	19.65	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	32308m	7.989	ng/uL
4) Benzaldehyde	6.85	77	150681	19.727	ng/ul
6) Phenol	6.90	94	290033	19.006	ng/ul#
8) Bis(2-Chloroethyl)ether	7.13	93	216154	18.526	ng/ul
10) 2-Chlorophenol	7.26	128	226862	19.180	ng/ul
11) 2-Methylphenol	8.13	108	220205	18.658	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.22	45	236120	19.274	ng/ul#
14) Acetophenone	8.51	105	372648	18.581	ng/ul
15) N-Nitroso-di-n-propylamine	8.50	70	192832	19.088	ng/ul#
16) 4-Methylphenol	8.46	108	236337	18.726	ng/ul
17) Hexachloroethane	8.76	117	99216	19.267	ng/ul#
20) Nitrobenzene	8.89	77	290386	19.247	ng/ul
21) Isophorone	9.41	82	535130	20.157	ng/ul
23) 2-Nitrophenol	9.59	139	133991	20.163	ng/ul#
24) 2,4-Dimethylphenol	9.66	107	282118	19.464	ng/ul#
25) Bis(2-Chloroethoxy)methane	9.89	93	309869	19.944	ng/ul
27) 2,4-Dichlorophenol	10.13	162	247578	20.291	ng/ul#
28) Naphthalene	10.52	128	769891	19.814	ng/ul
30) 4-Chloroaniline	10.64	127	291888	24.834	ng/ul
31) Hexachlorobutadiene	10.80	225	171420	19.396	ng/ul
32) Caprolactam	11.41	113	82180m	21.074	ng/ul
33) 4-Chloro-3-methylphenol	11.77	107	269495	20.135	ng/ul
34) 2-Methylnaphthalene	12.14	142	574447	19.667	ng/ul

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 SSTD02024

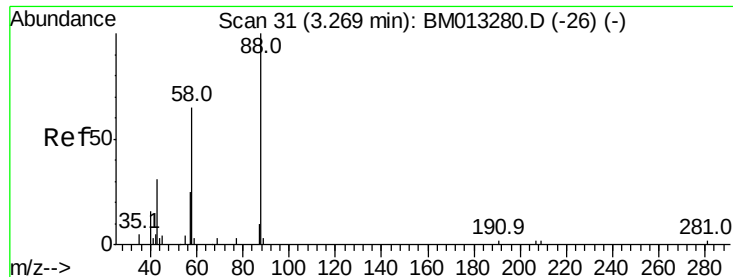
Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:07 PM

Quant Time: Dec 08 23:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	334387	18.879	ng/ul#	94
37) Hexachlorocyclopentadiene	12.49	237	197663	16.955	ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	221264	20.038	ng/ul	96
39) 2,4,5-Trichlorophenol	12.83	196	238846	20.363	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	798907	19.257	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	629097	19.329	ng/ul	98
42) 2-Nitroaniline	13.42	65	191854	20.120	ng/ul	89
44) Dimethylphthalate	13.80	163	843810	20.197	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	172627	20.259	ng/ul	98
47) Acenaphthylene	14.06	152	977551	19.597	ng/ul	99
48) 3-Nitroaniline	14.24	138	165676	21.753	ng/ul	82
49) Acenaphthene	14.40	153	656758	19.327	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	82497	17.496	ng/ul	96
52) 4-Nitrophenol	14.56	109	146339	19.655	ng/ul	85
53) Dibenzofuran	14.74	168	976062	19.457	ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	252612	20.380	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.97	232	223909	20.820	ng/ul	96
56) Diethylphthalate	15.17	149	857074	20.454	ng/ul	94
58) Fluorene	15.39	166	807132	19.449	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	438002	19.445	ng/ul	98
60) 4-Nitroaniline	15.42	138	190437	21.193	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	136582	17.767	ng/ul#	90
64) N-Nitrosodiphenylamine	15.60	169	699431	19.416	ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	281043	19.550	ng/ul	96
66) Hexachlorobenzene	16.39	284	308012	19.429	ng/ul#	91
67) Atrazine	16.56	200	282104	21.217	ng/ul	94
68) Pentachlorophenol	16.73	266	174965	19.082	ng/ul	98
69) Phenanthrene	17.13	178	1331883	19.171	ng/ul	98
71) Anthracene	17.22	178	1370036	19.292	ng/ul	99
72) Carbazole	17.49	167	1173666	19.215	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1491080	20.911	ng/ul	99
74) Fluoranthene	19.14	202	1628156	19.124	ng/ul#	93
77) Pyrene	19.51	202	1661103	21.151	ng/ul#	93
78) Butylbenzylphthalate	20.42	149	682931	22.256	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.19	252	527657	19.418	ng/ul#	91
80) Benzo(a)anthracene	21.26	228	1599541	19.502	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	963585	20.834	ng/ul#	98
82) Chrysene	21.31	228	1479475	19.443	ng/ul	100
84) Di-n-octyl phthalate	22.07	149	1586218	20.124	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1453074	19.447	ng/ul#	95
86) Benzo(k)fluoranthene	22.87	252	1429969	20.336	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1326382	19.761	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1345430	20.202	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.75	278	1151256	20.301	ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1045024	19.893	ng/ul#	97

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



#2

1,4-Dioxane

Concen: 7.989 ng/uL m

RT: 3.27 min Scan# 31

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

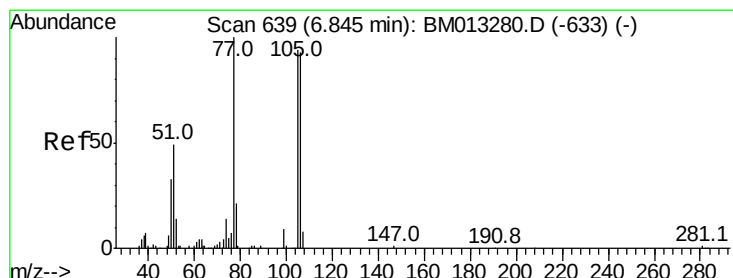
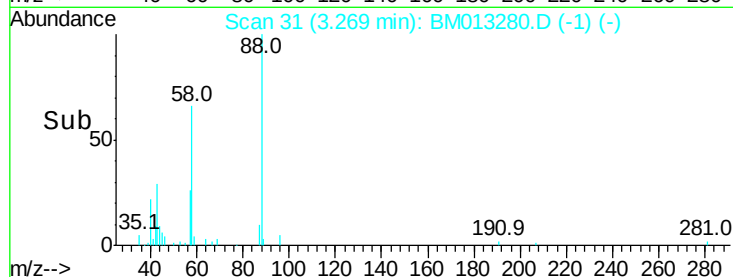
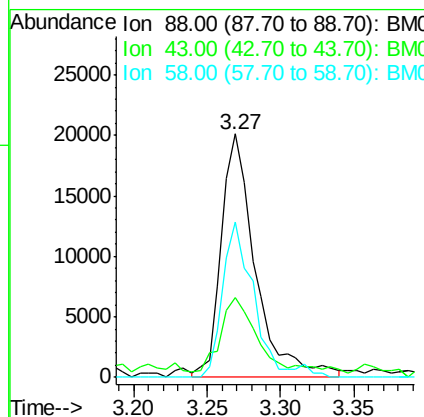
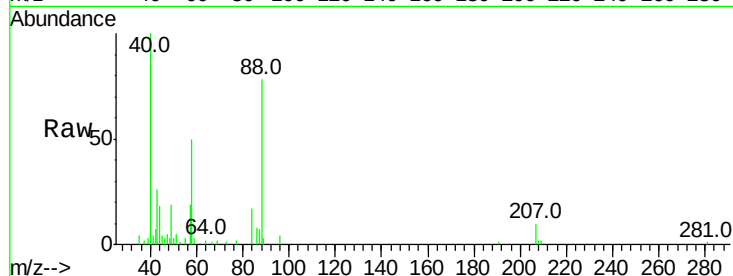
ClientSampleId :

SSTD02024

Tot Ion	88	Resp	32308
Ion Ratio	100	Lower	Upper
88	100		
43	30.6	48.0	72.0#
58	55.1	80.0	120.0#

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#4

Benzaldehyde

Concen: 19.727 ng/uL

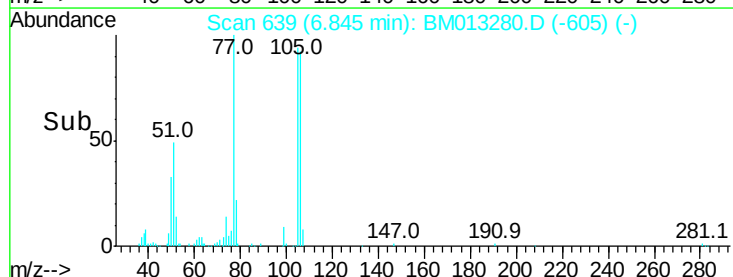
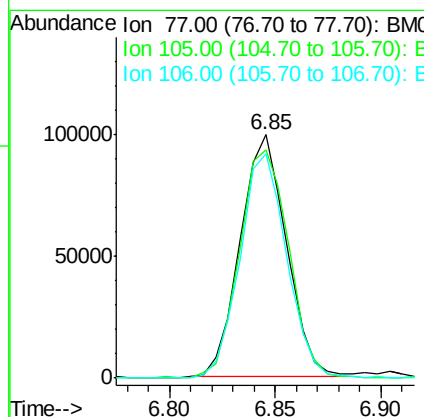
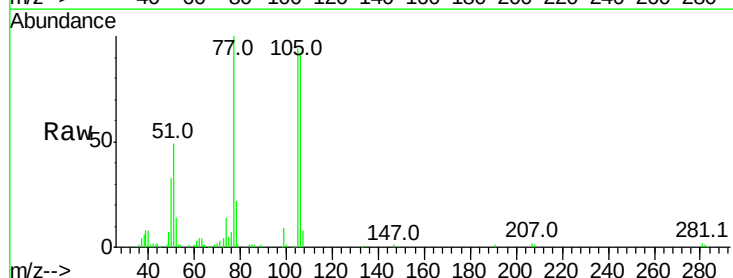
RT: 6.85 min Scan# 639

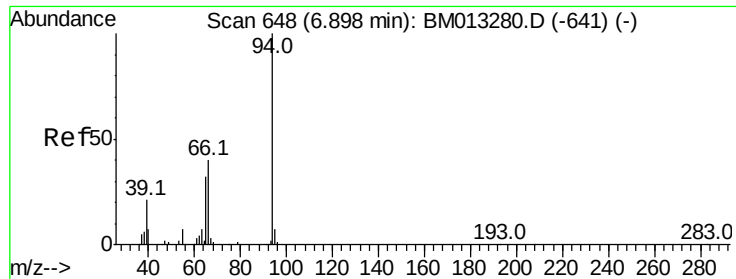
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion	77	Resp	150681
Ion Ratio	100	Lower	Upper
77	100		
105	93.7	66.1	99.1
106	92.2	67.8	101.6





#6

Phenol

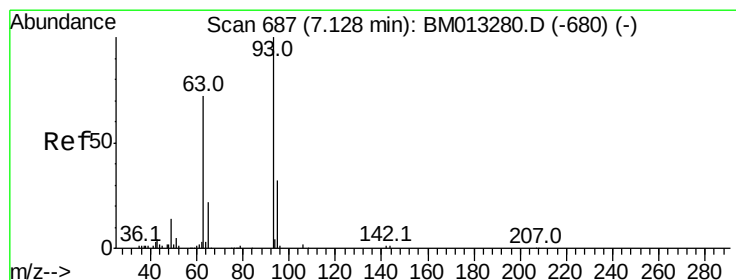
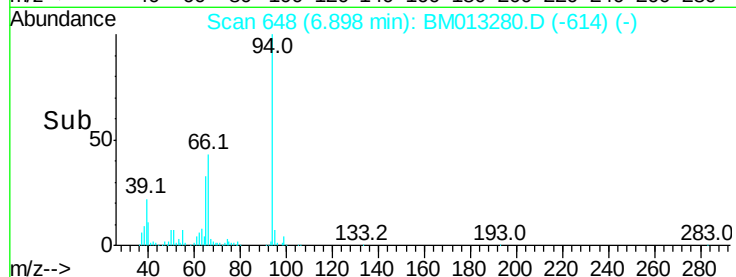
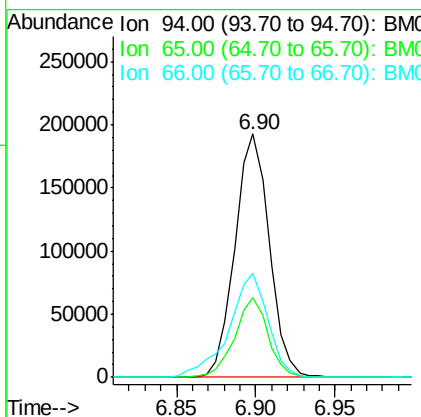
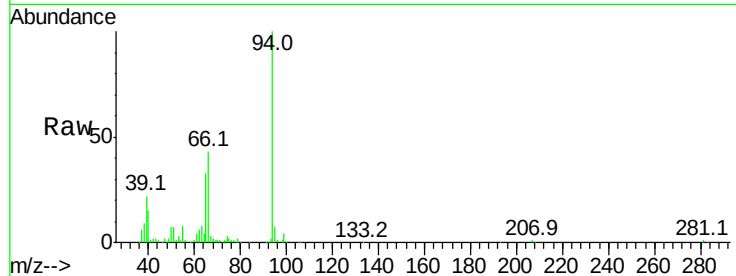
Concen: 19.006 ng/ul
RT: 6.90 min Scan# 648
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampled :
SSTD02024

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.6	28.2	42.4
66	42.7	47.2	70.8

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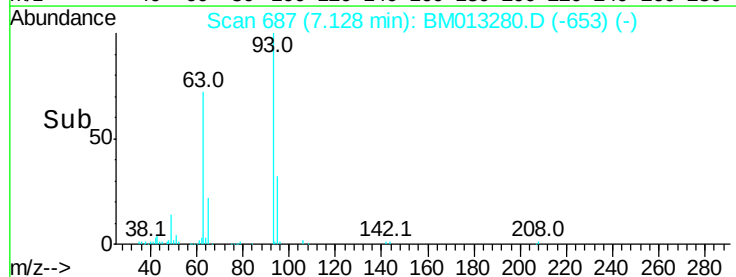
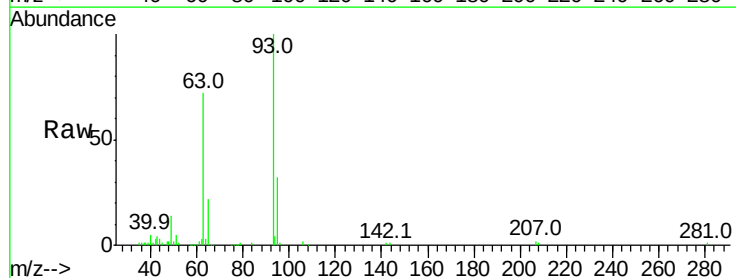
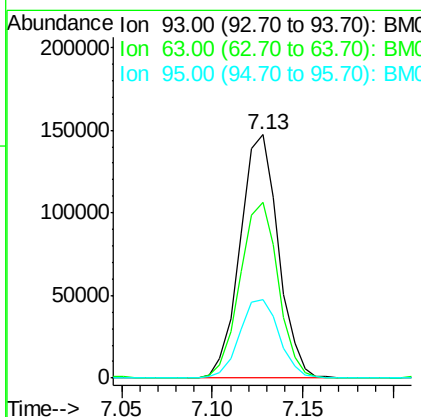


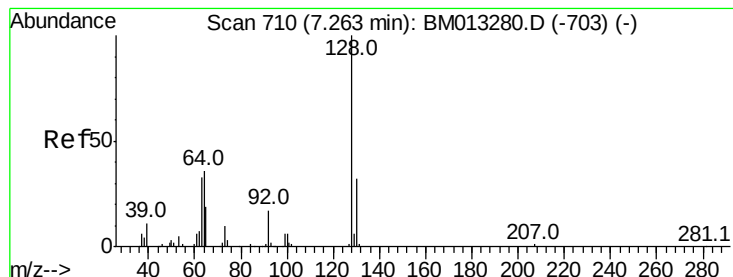
#8

Bis(2-Chloroethyl)ether

Concen: 18.526 ng/ul
RT: 7.13 min Scan# 687
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.3	57.3	85.9
95	32.1	26.6	39.8





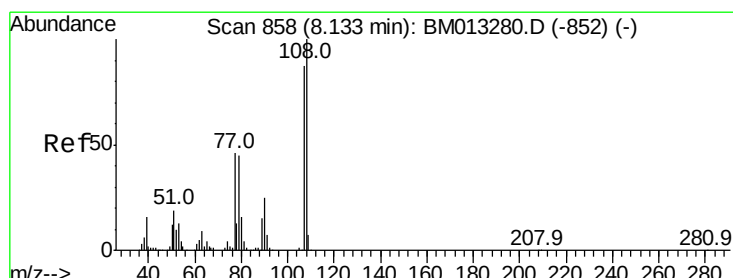
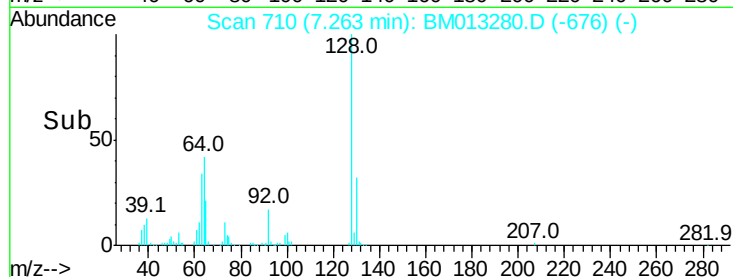
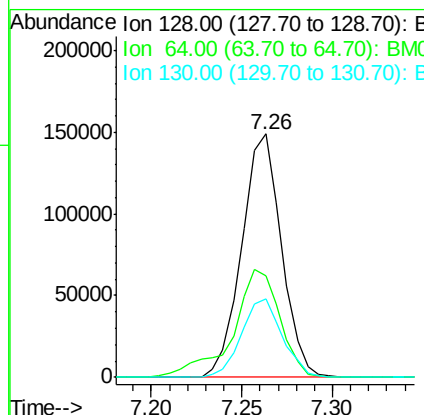
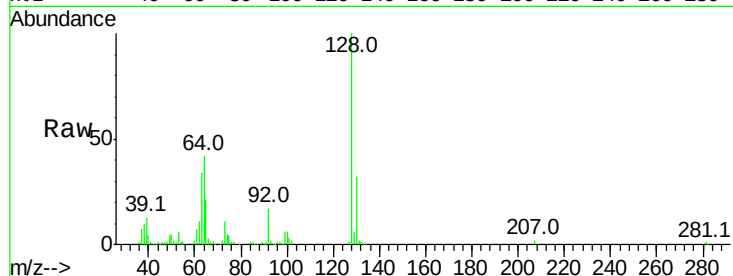
#10
2-Chlorophenol
Concen: 19.180 ng/ul
RT: 7.26 min Scan# 710
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
128	100		
64	41.8	38.0	57.0
130	32.1	24.4	36.6

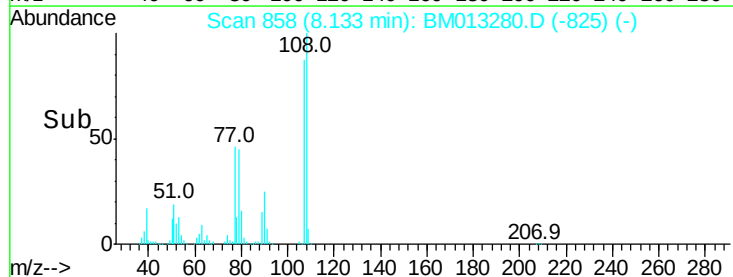
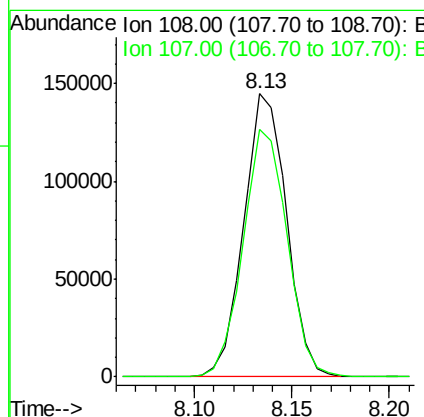
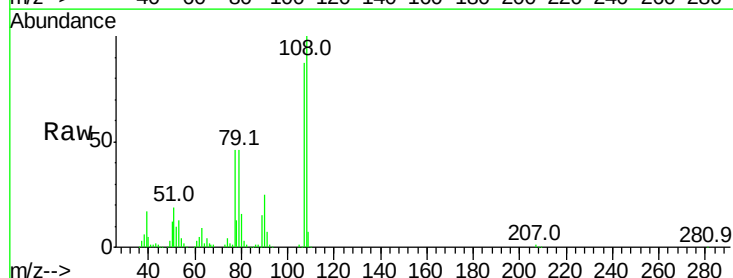
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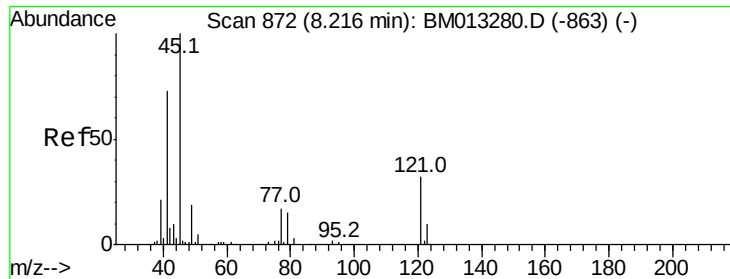
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#11
2-Methylphenol
Concen: 18.658 ng/ul
RT: 8.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
108	100		
107	87.3	72.6	108.8





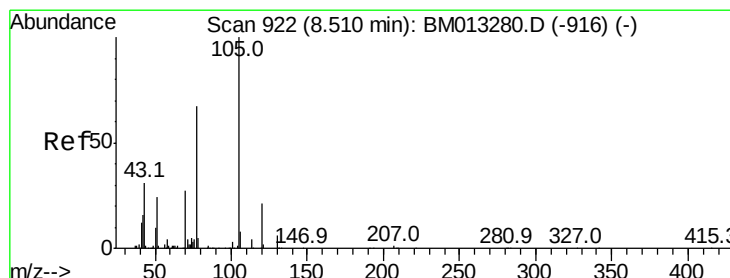
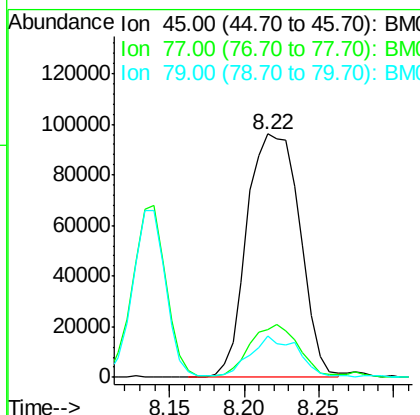
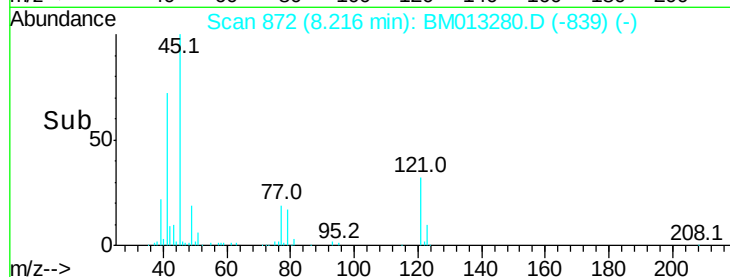
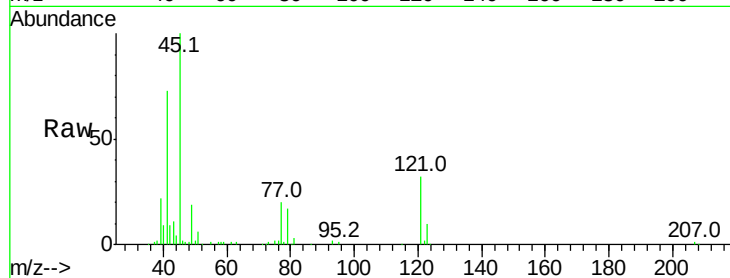
#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.274 ng/ul
RT: 8.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	19.6	8.0	12.0#
79	16.8	8.0	12.0#

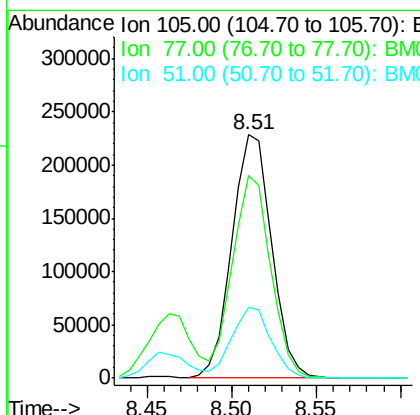
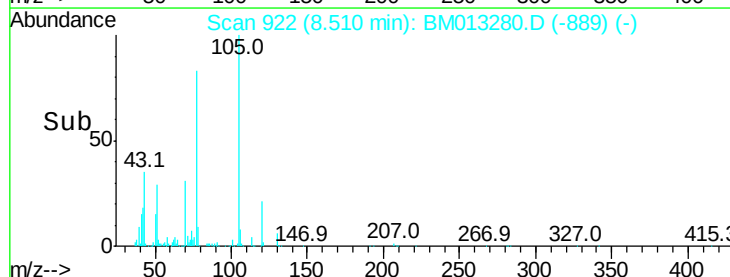
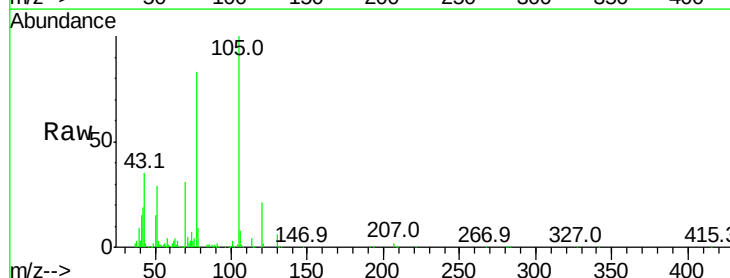
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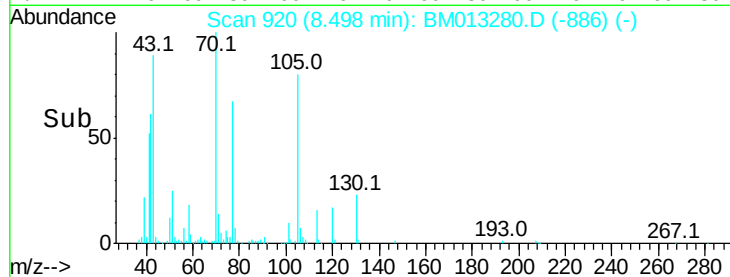
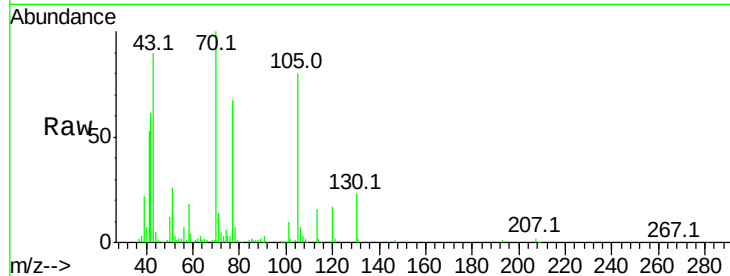
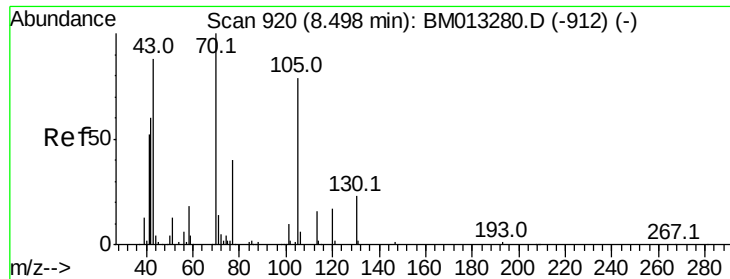
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#14
Acetophenone
Concen: 18.581 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	83.4	74.2	111.4
51	29.3	23.4	35.2





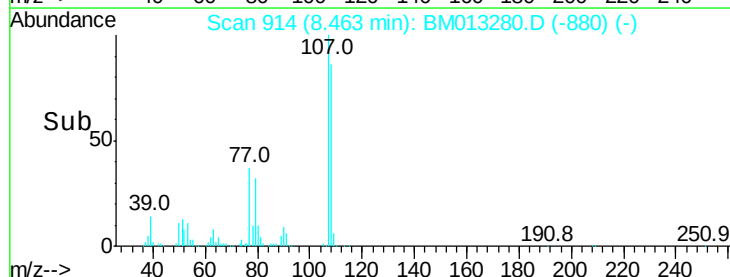
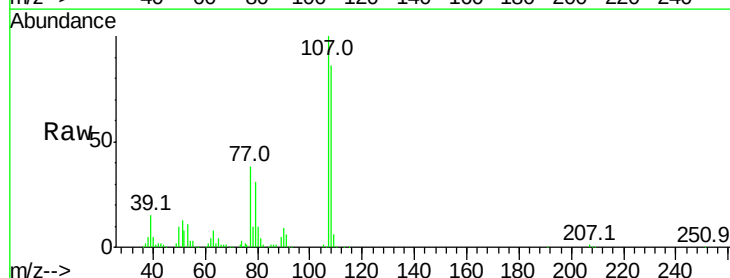
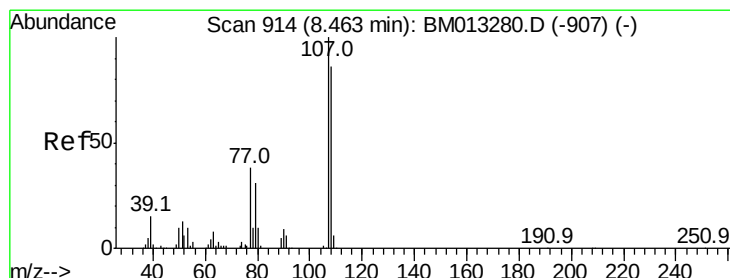
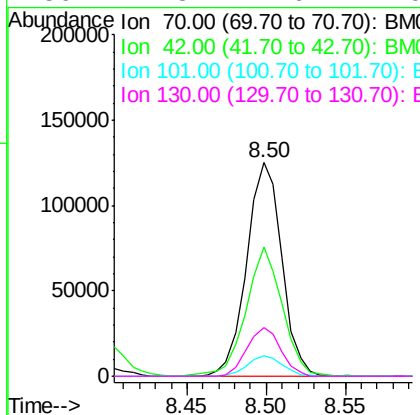
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N-Nitroso-di-n-propylamine
Concen: 19.088 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	76.0	114.0#
101	9.9	6.7	10.1
130	22.8	14.6	22.0#

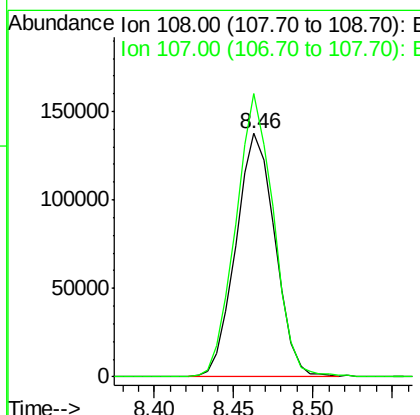
Manual Integrations
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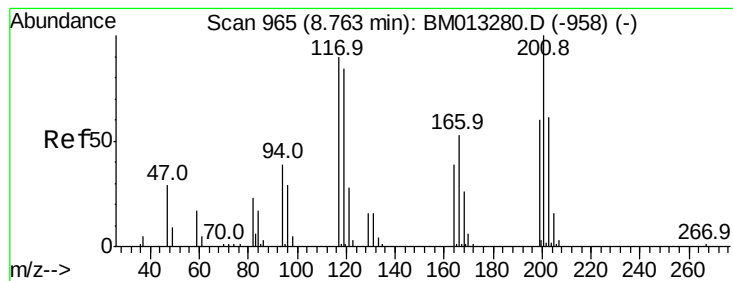
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#16
4-Methylphenol
Concen: 18.726 ng/ul
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
108	100		
107	116.2	84.9	127.3





#17

Hexachloroethane

Concen: 19.267 ng/ul

RT: 8.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:117 Resp: 99216

Ion Ratio Lower Upper

117 100

201 111.0 111.6 167.4#

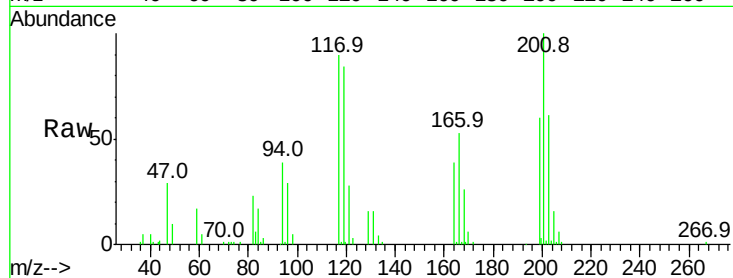
199 69.1 67.8 101.6

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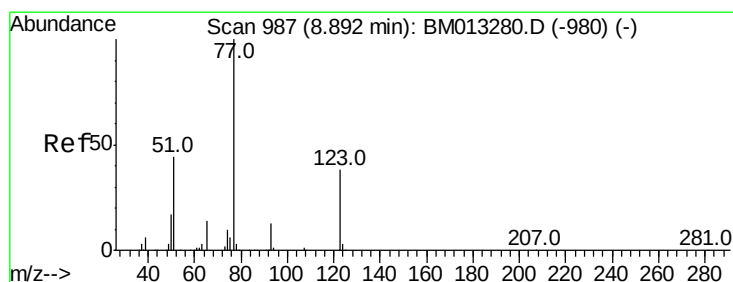
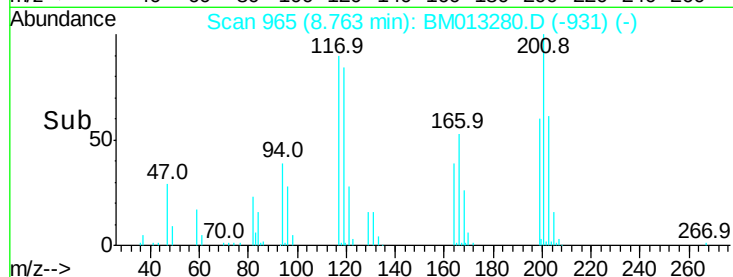
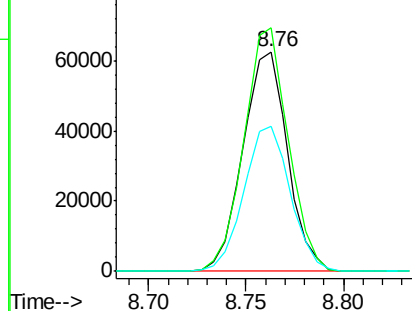
12/11/2017 6:16:07 PM



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.247 ng/ul

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

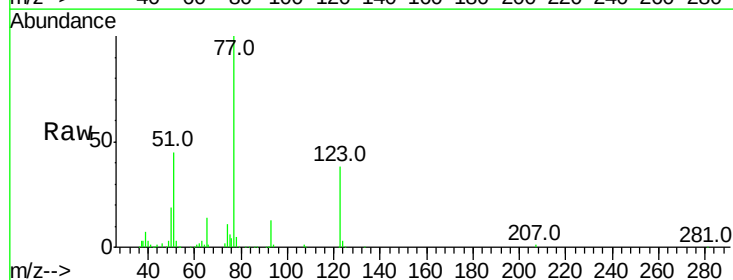
Tgt Ion: 77 Resp: 290386

Ion Ratio Lower Upper

77 100

123 38.1 31.0 46.6

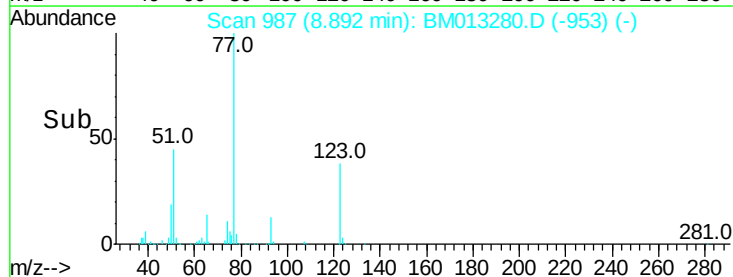
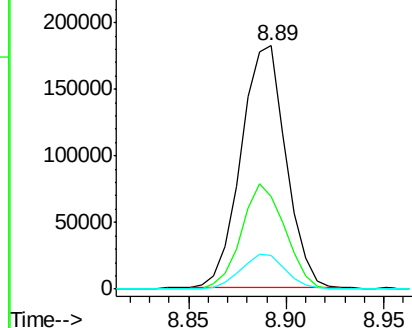
65 14.1 12.2 18.2

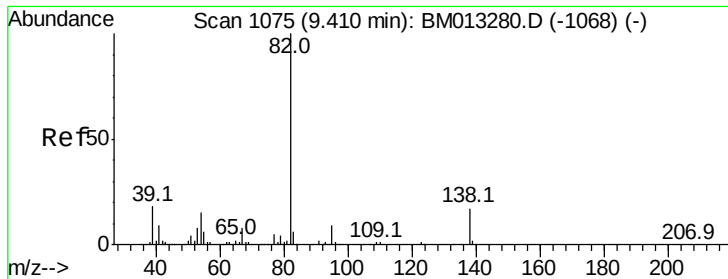


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





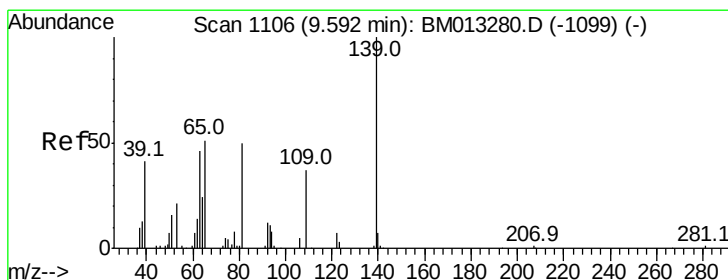
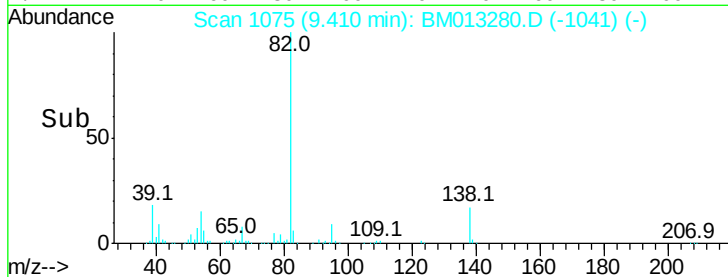
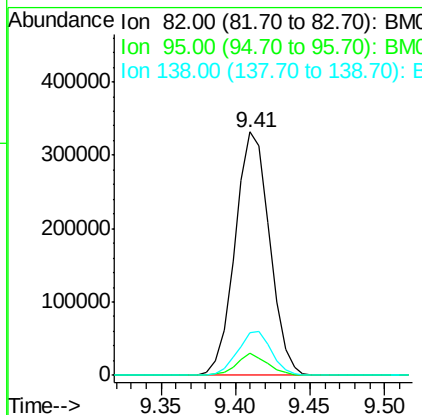
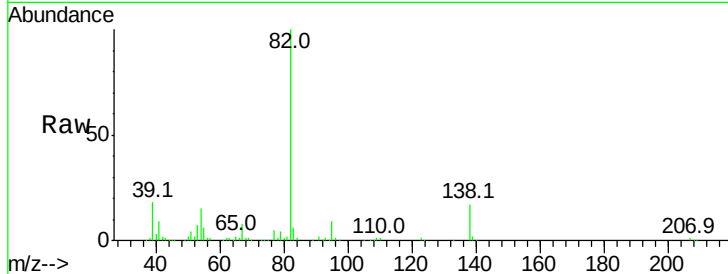
#21
Isophorone
Concen: 20.157 ng/ul
RT: 9.41 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.0	7.8	11.8	
138	17.4	11.9	17.9	

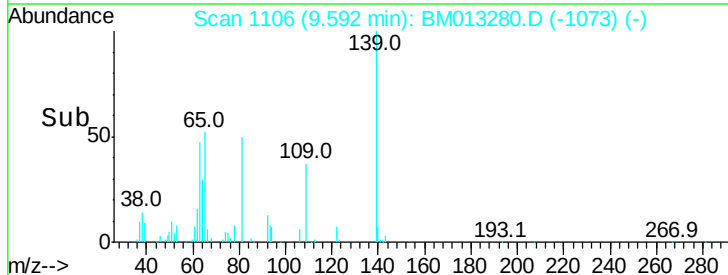
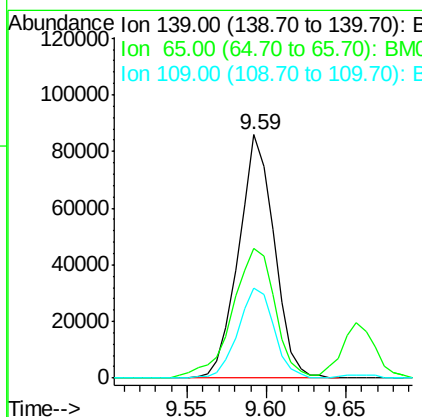
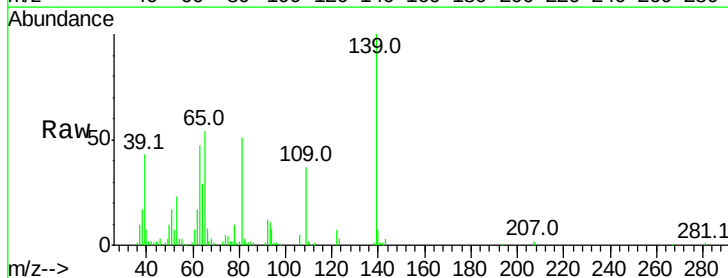
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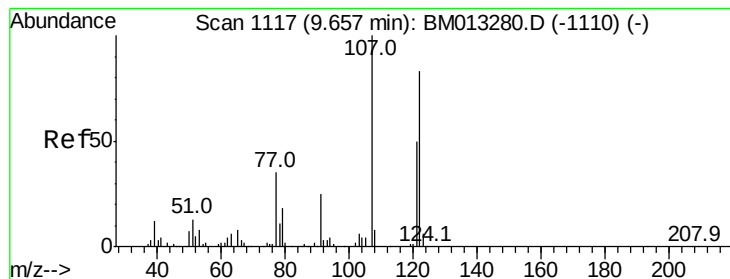
Sohil
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#23
2-Nitrophenol
Concen: 20.163 ng/ul
RT: 9.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
65	53.5	55.4	83.0#	
109	36.7	42.2	63.2#	





#24

2,4-Dimethylphenol

Concen: 19.464 ng/ul

RT: 9.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

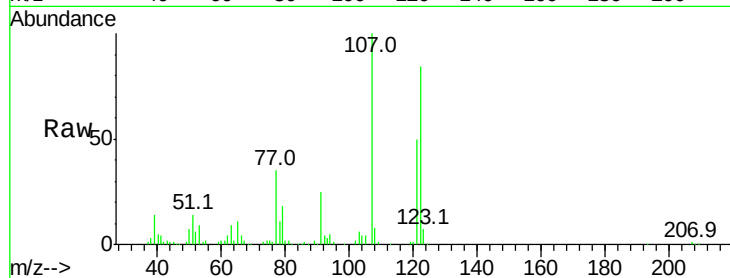
ClientSampleId :

SSTD02024

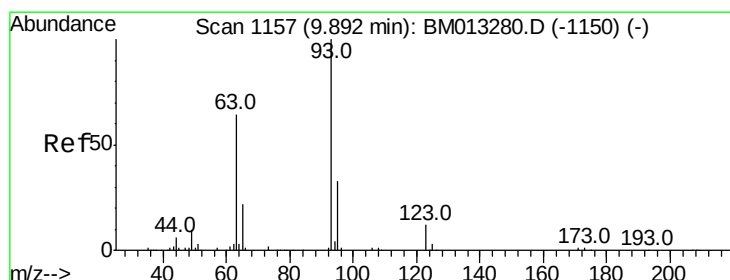
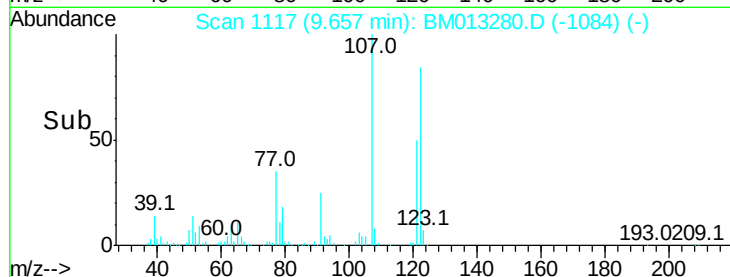
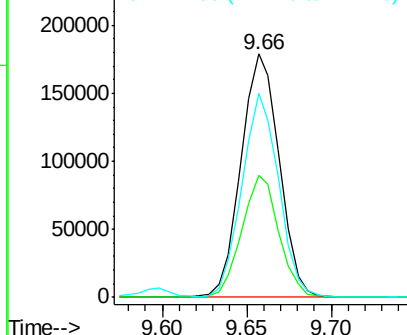
Tot Ion:	107	Resp:	282118
Ion Ratio	Lower	Upper	
107	100		
121	50.1	31.9	47.9#
122	83.6	57.8	86.6

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.944 ng/ul

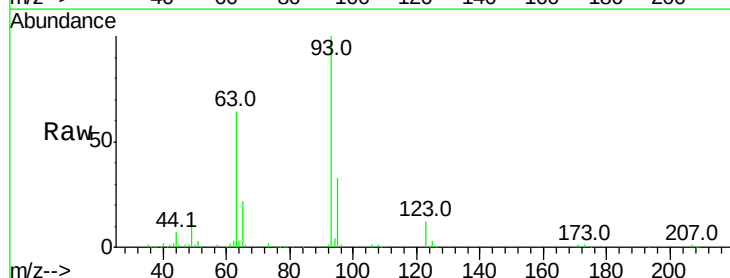
RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

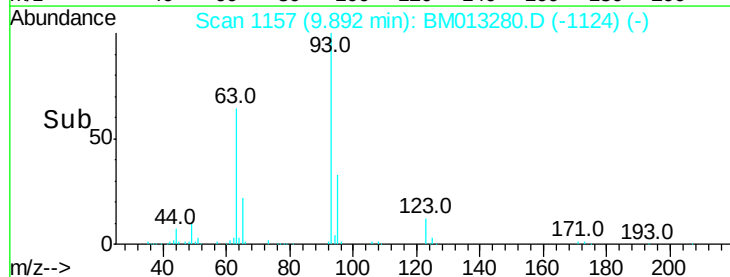
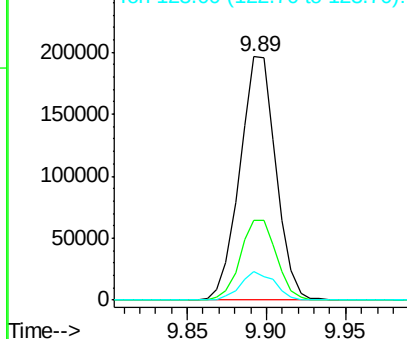
Lab File: BM013280.D

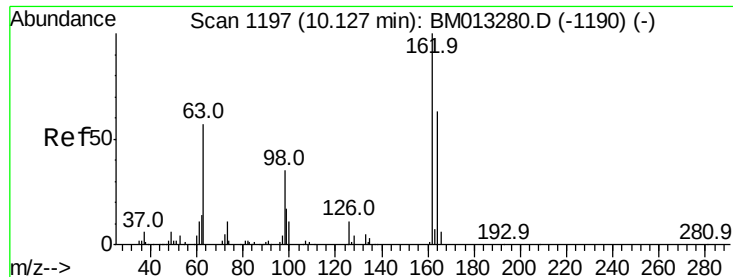
Acq: 08 Dec 2017 22:05

Tgt Ion:	93	Resp:	309869
Ion Ratio	Lower	Upper	
93	100		
95	33.0	28.5	42.7
123	12.0	8.9	13.3



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





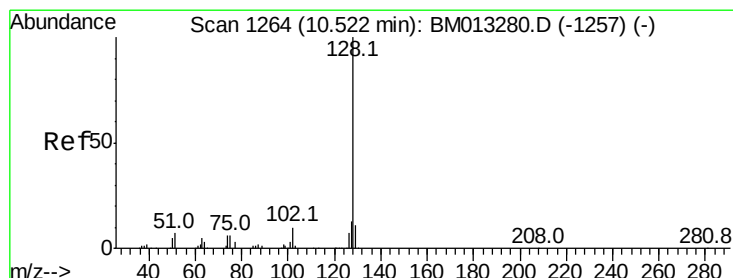
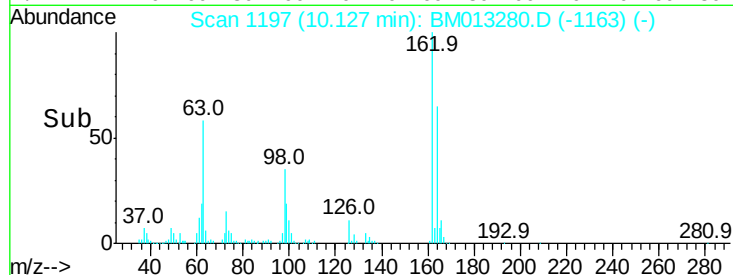
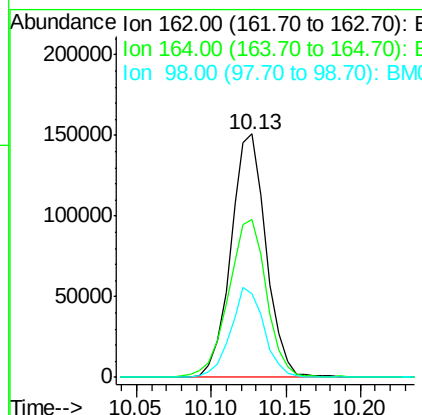
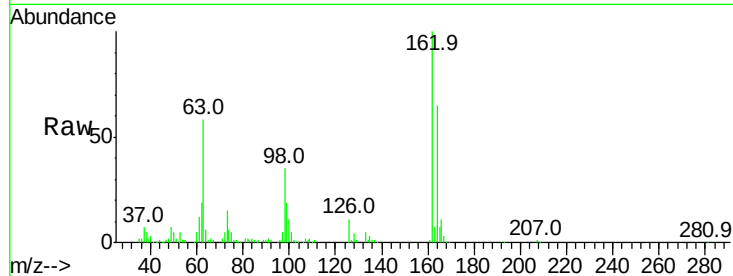
#27
2,4-Dichlorophenol
Concen: 20.291 ng/ul
RT: 10.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	47.8	71.6
98	34.6	23.0	34.4

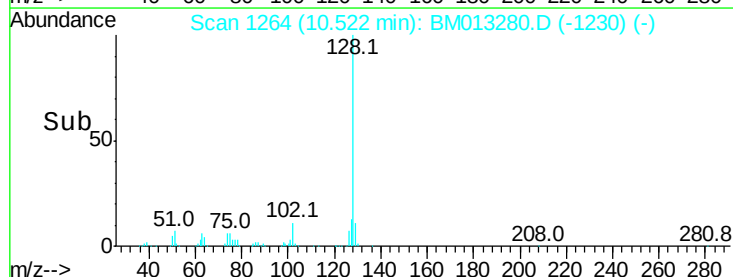
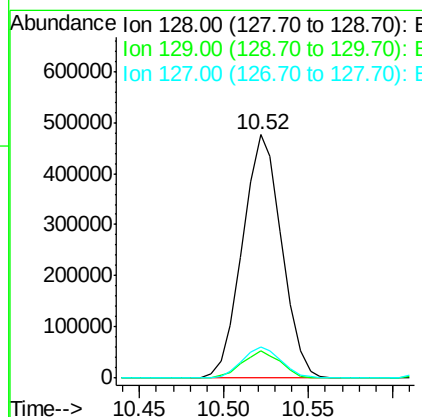
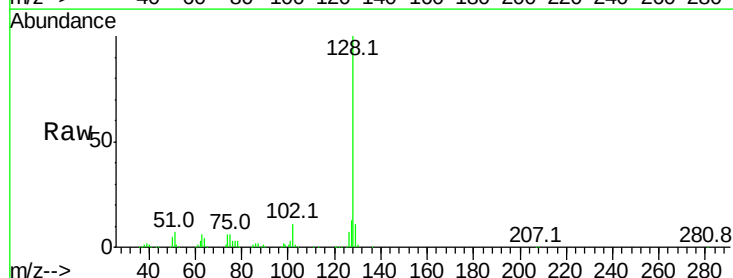
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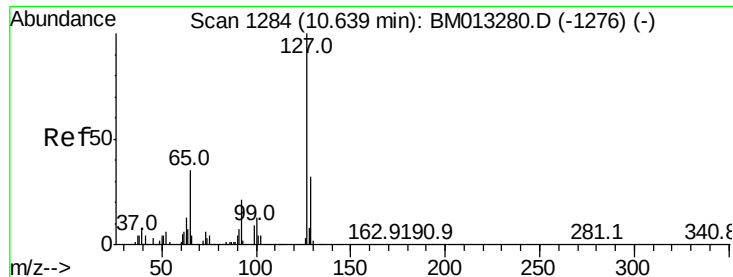
Sohil
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#28
Naphthalene
Concen: 19.814 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.8	10.6	16.0





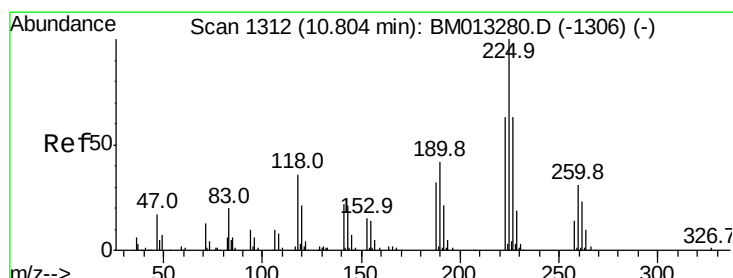
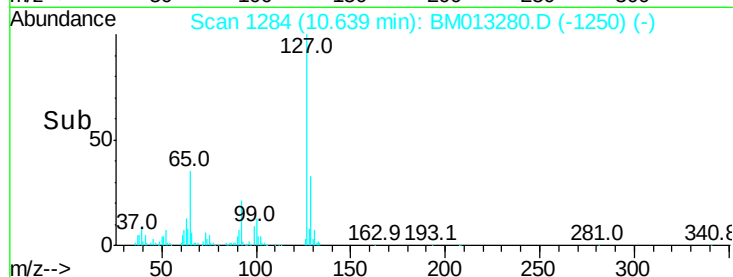
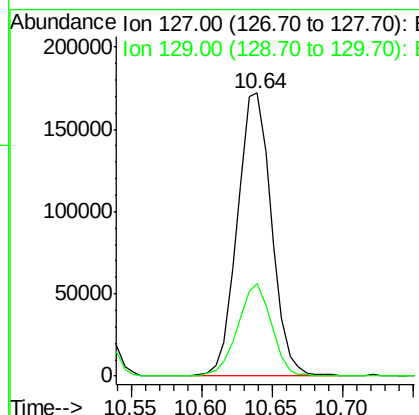
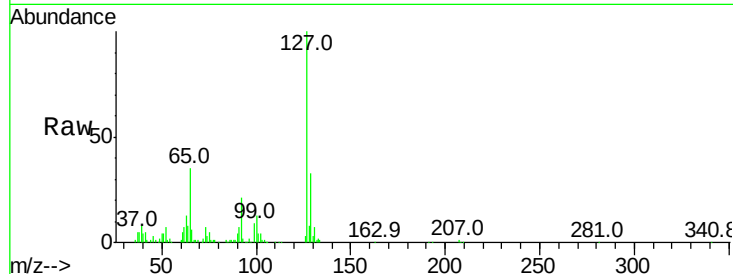
#30
4-Chloroaniline
Concen: 24.834 ng/ul
RT: 10.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	28.4	42.6

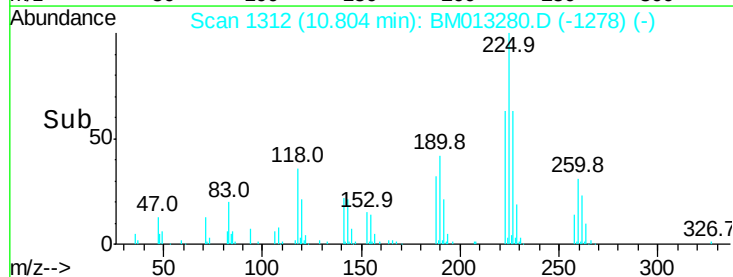
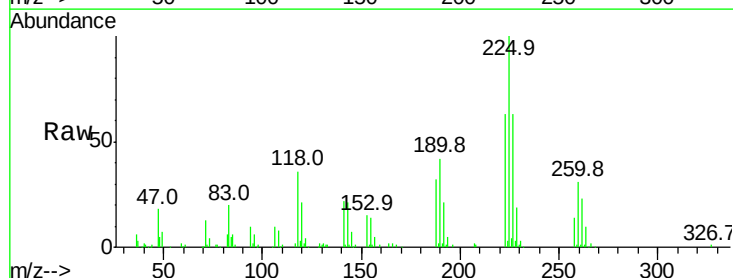
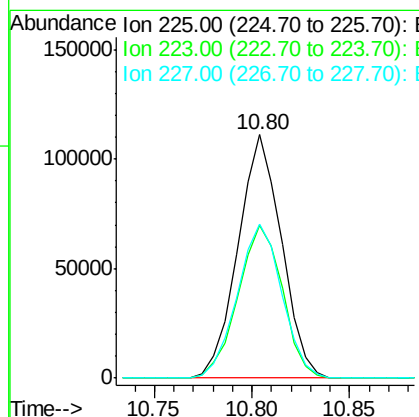
Manual Integrations
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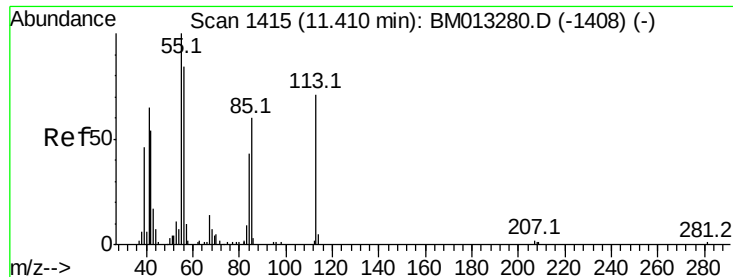
Sohil
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#31
Hexachlorobutadiene
Concen: 19.396 ng/ul
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	63.0	45.4	68.2





#32

Caprolactam

Concen: 21.074 ng/ul m

RT: 11.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

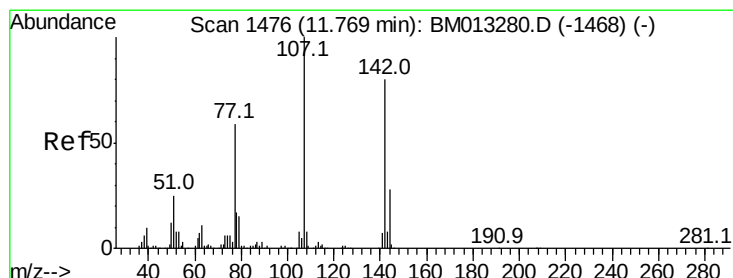
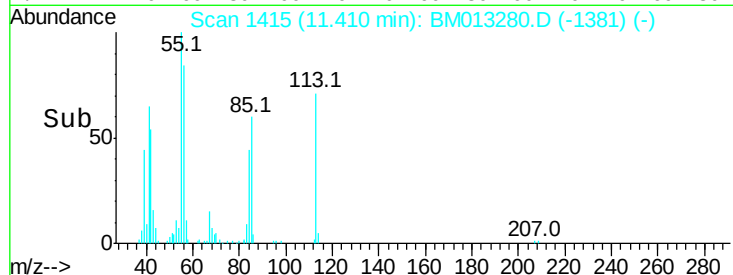
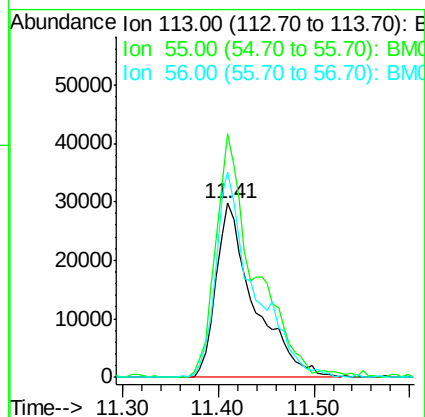
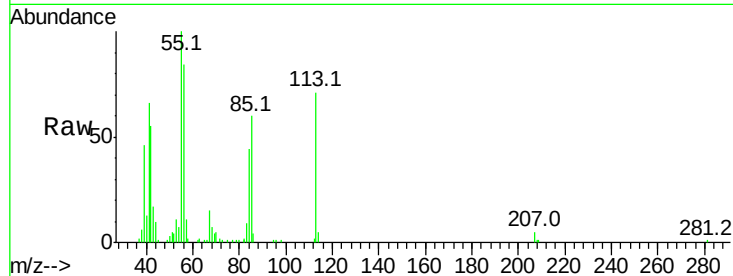
ClientSampleId :

SSTD02024

Tot Ion:	113	Resp:	82180
Ion Ratio	Lower	Upper	
113	100		
55	139.9	208.0	312.0#
56	118.1	160.0	240.0#

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 20.135 ng/ul

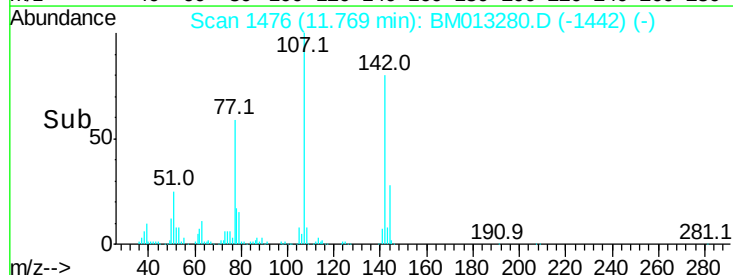
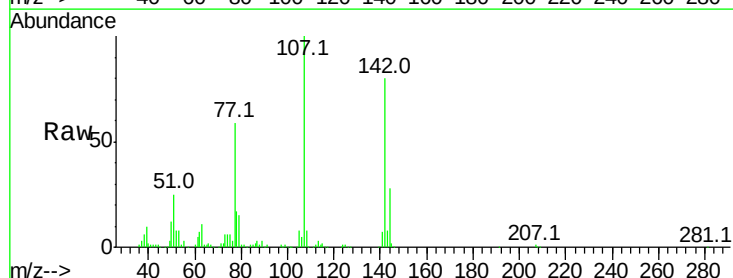
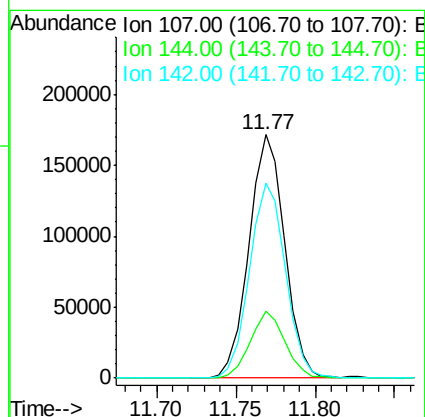
RT: 11.77 min Scan# 1476

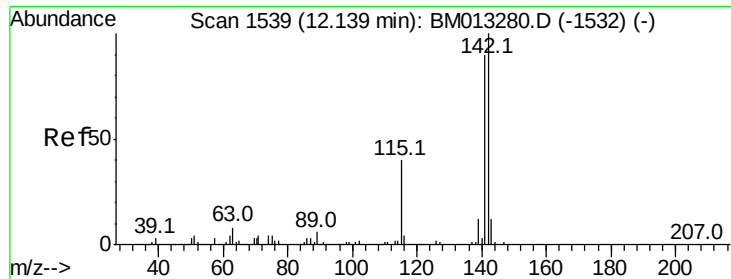
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:	107	Resp:	269495
Ion Ratio	Lower	Upper	
107	100		
144	27.5	20.4	30.6
142	80.0	60.5	90.7





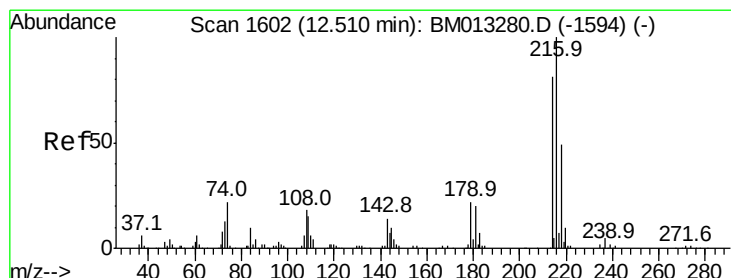
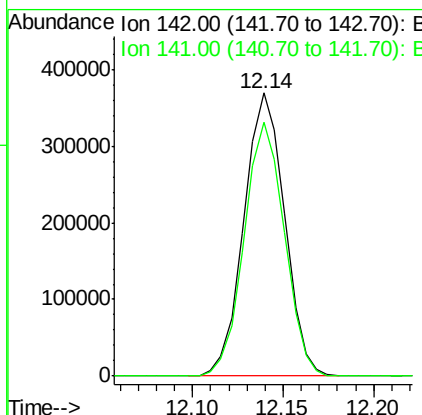
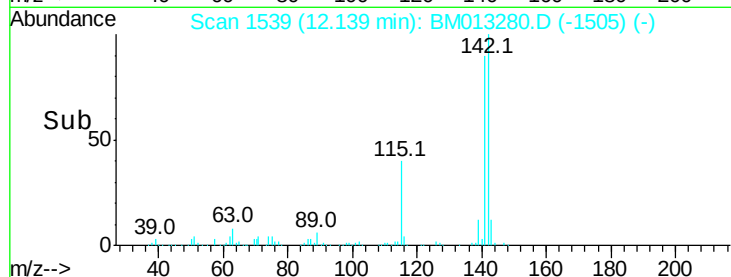
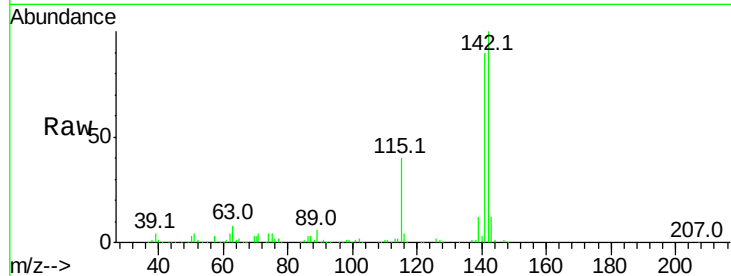
#34
2-Methylnaphthalene
Concen: 19.667 ng/ul
RT: 12.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.1	111.1

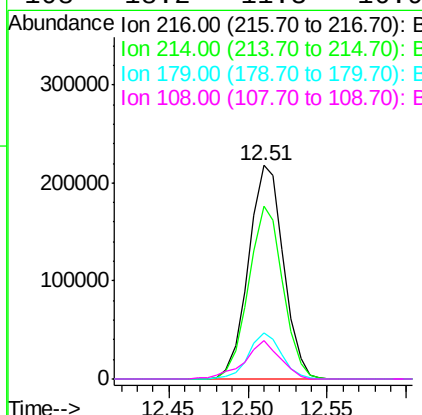
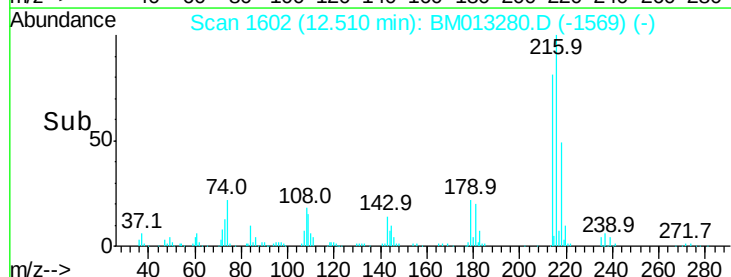
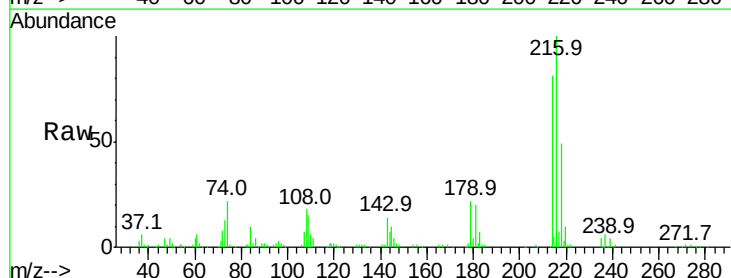
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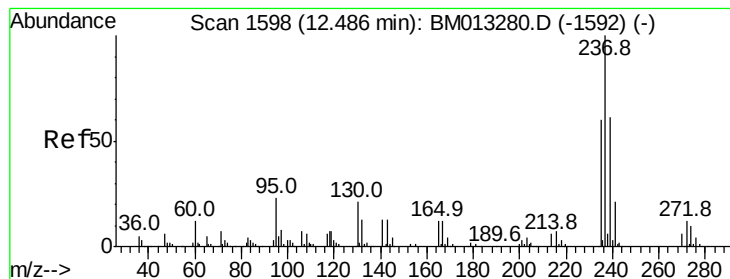
Sohil
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 18.879 ng/ul
RT: 12.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	60.6	90.8
179	21.7	17.5	26.3
108	18.2	11.3	16.9#





#37

Hexachlorocyclopentadiene

Concen: 16.955 ng/ul

RT: 12.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

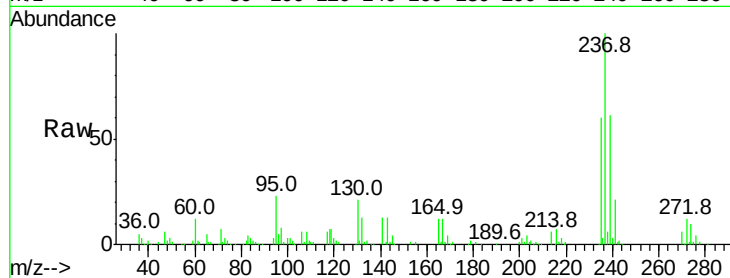
ClientSampleId :

SSTD02024

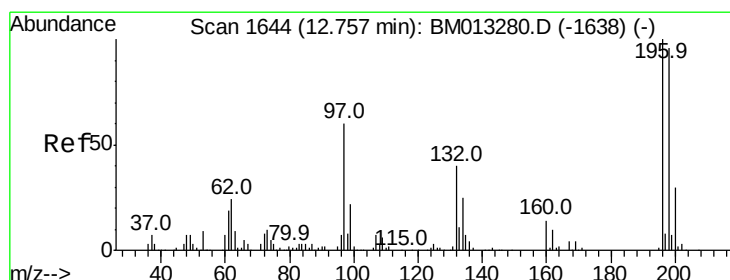
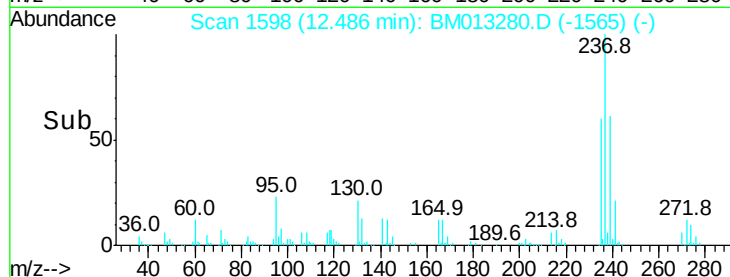
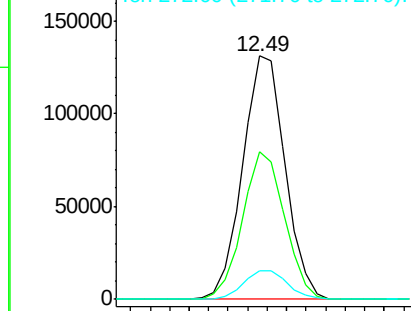
Tot Ion:	237	Resp:	197663
Ion Ratio		Lower	Upper
237	100		
235	60.4	50.2	75.4
272	11.9	11.0	16.6

Manual Integrations
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Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.038 ng/ul

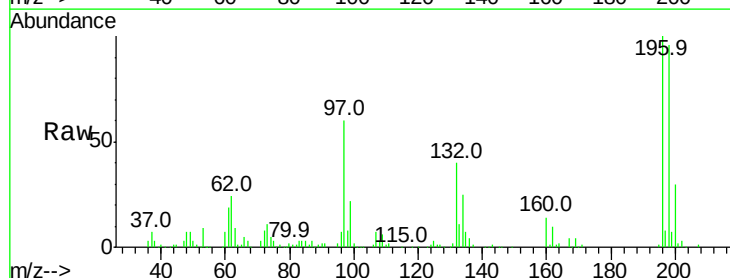
RT: 12.76 min Scan# 1644

Delta R.T. -0.01 min

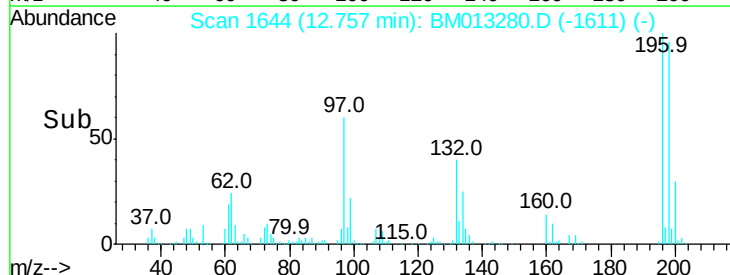
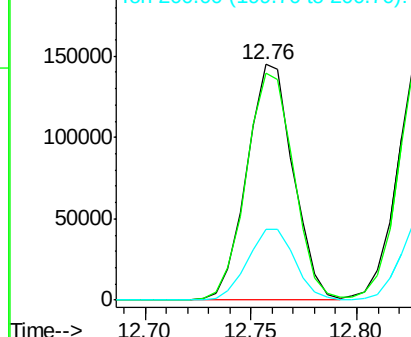
Lab File: BM013280.D

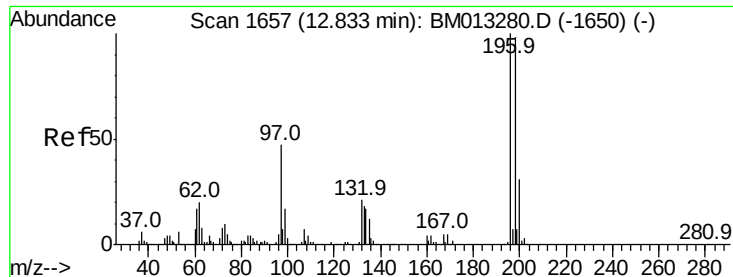
Acq: 08 Dec 2017 22:05

Tgt Ion:	196	Resp:	221264
Ion Ratio		Lower	Upper
196	100		
198	96.3	74.1	111.1
200	30.1	25.2	37.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





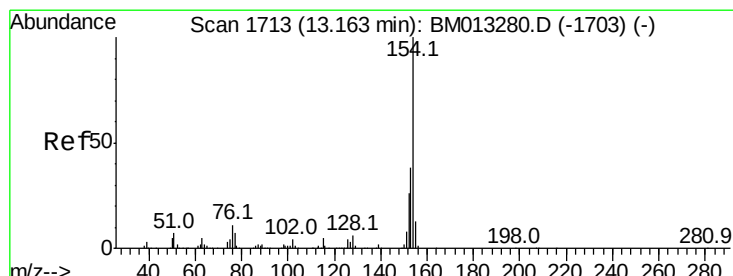
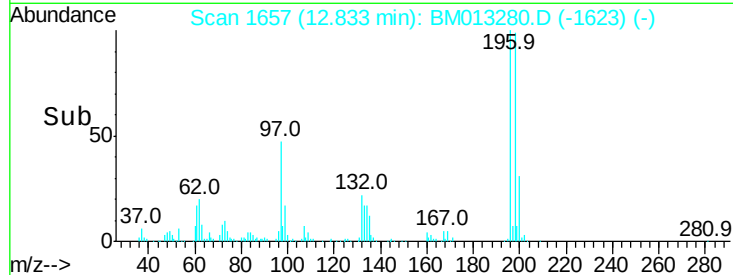
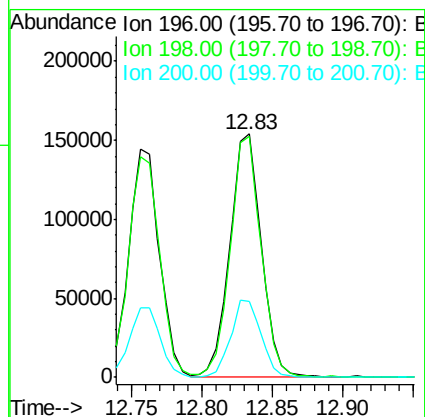
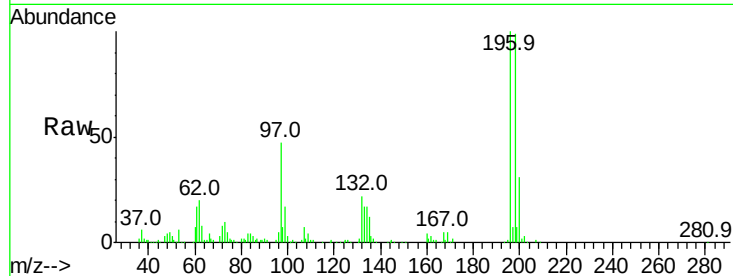
#39
 2,4,5-Trichlorophenol
 Concen: 20.363 ng/ul
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Tot Ion:	196	Resp:	238846
Ion Ratio	Lower	Upper	
196	100		
198	98.8	75.6	113.4
200	31.1	25.5	38.3

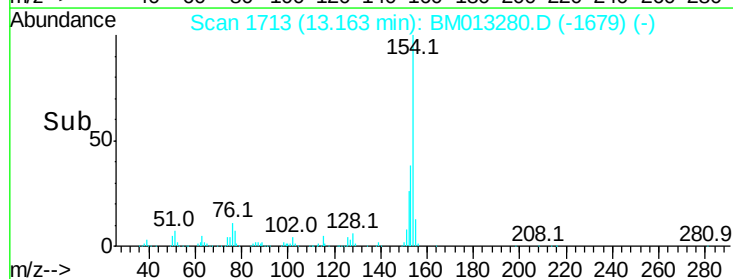
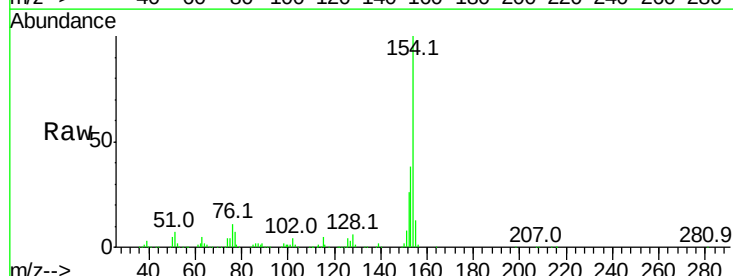
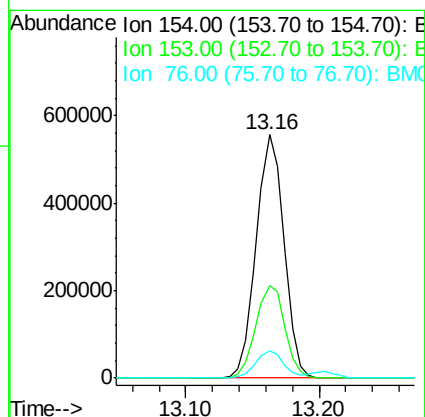
Manual Integrations
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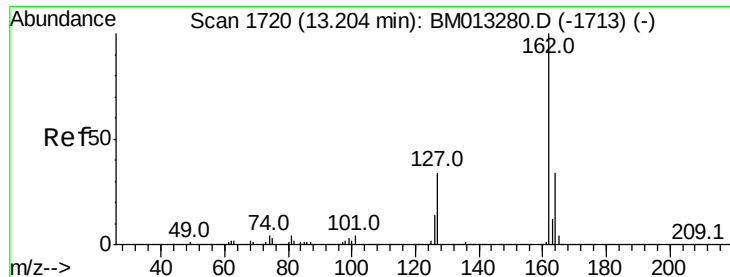
Sohil
 12/11/2017 6:16:07 PM



#40
 1,1'-Biphenyl
 Concen: 19.257 ng/ul
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Tgt Ion:	154	Resp:	798907
Ion Ratio	Lower	Upper	
154	100		
153	38.3	32.6	48.8
76	11.3	8.5	12.7





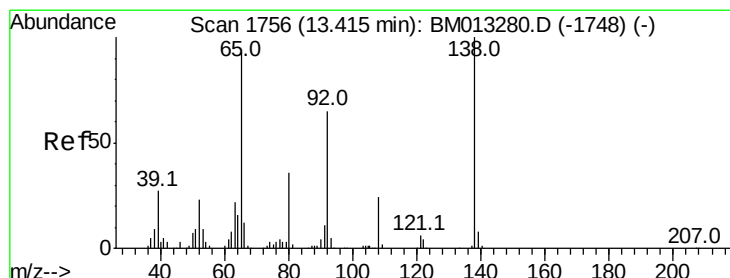
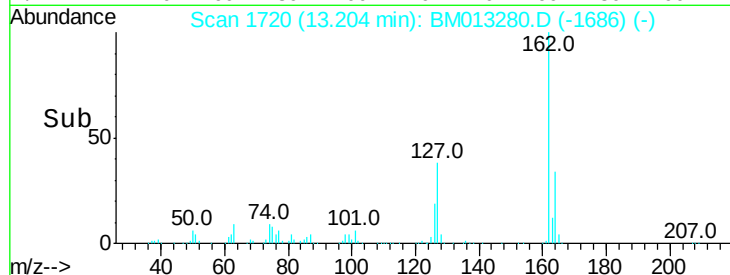
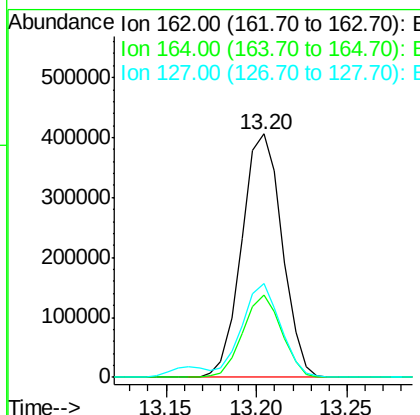
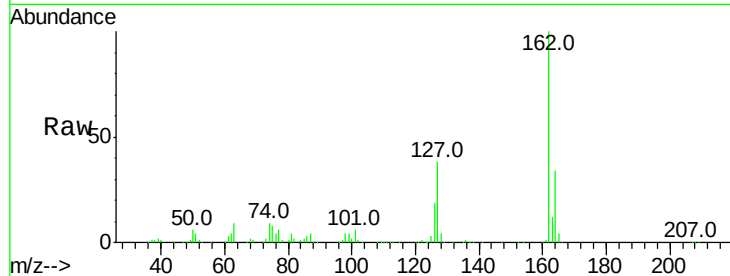
#41
 2-Chloronaphthalene
 Concen: 19.329 ng/ul
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Instrument :
 BNA_M
 ClientSampled :
 SST02024

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.7	25.9	38.9
127	38.4	29.4	44.2

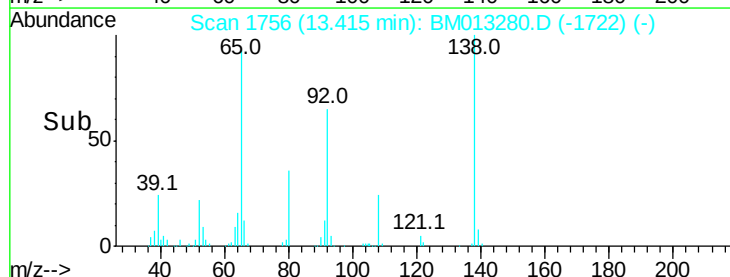
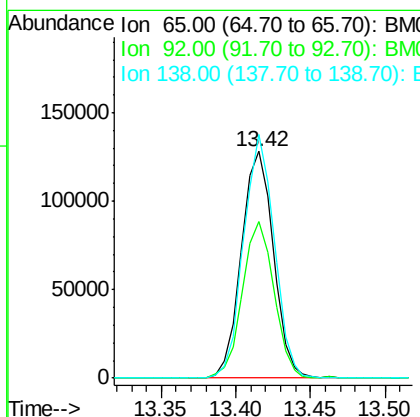
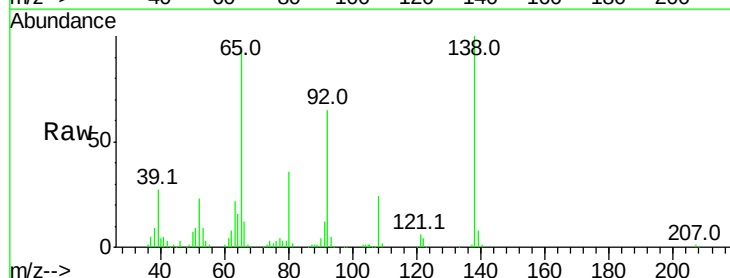
Manual Integrations
 APPROVED

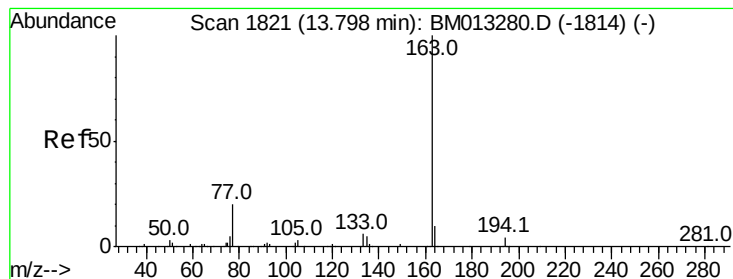
Sohil
 12/11/2017 6:16:07 PM



#42
 2-Nitroaniline
 Concen: 20.120 ng/ul
 RT: 13.42 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	51.8	77.6
138	107.5	74.2	111.4





#44

Dimethylphthalate

Concen: 20.197 ng/ul

RT: 13.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

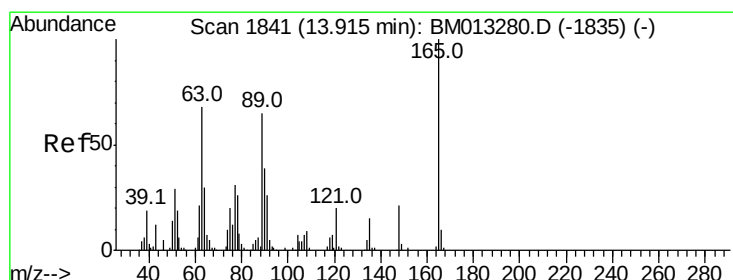
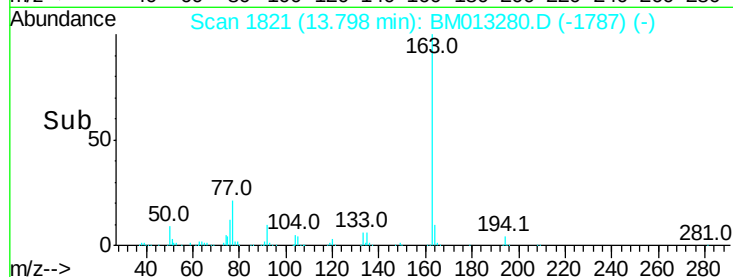
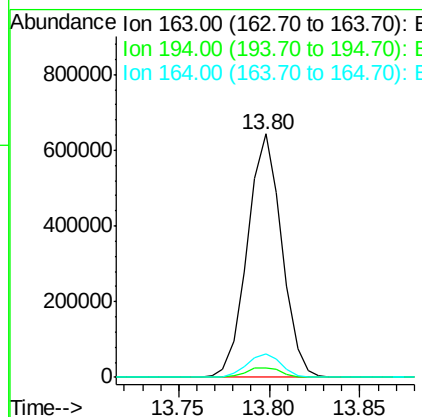
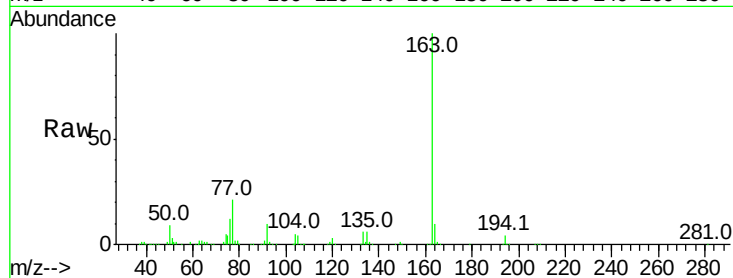
ClientSampleId :

SSTD02024

Tot Ion:	163	Resp:	843810
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.8	8.2	12.4

Manual Integrations
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#45

2,6-Dinitrotoluene

Concen: 20.259 ng/ul

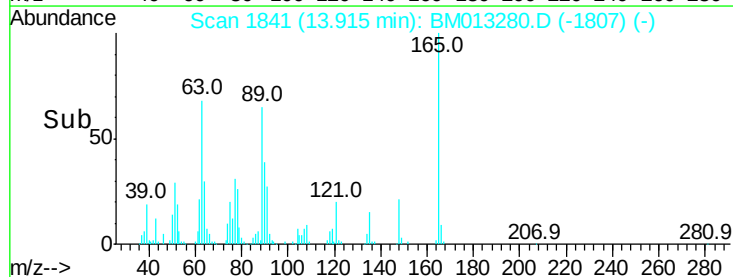
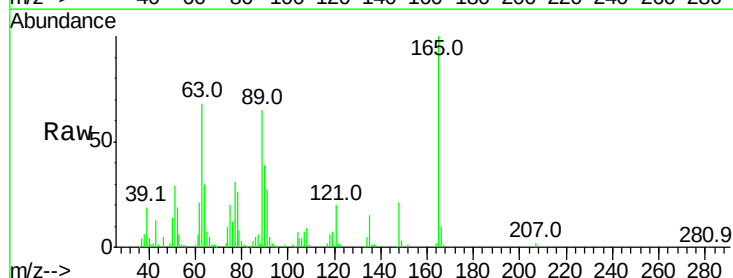
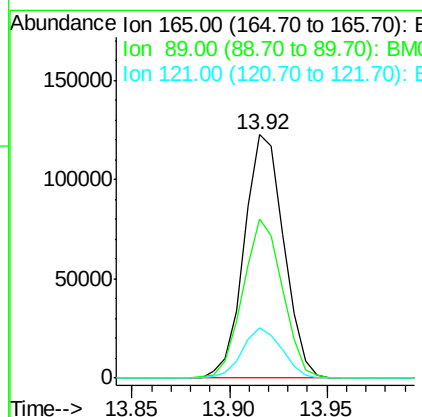
RT: 13.92 min Scan# 1841

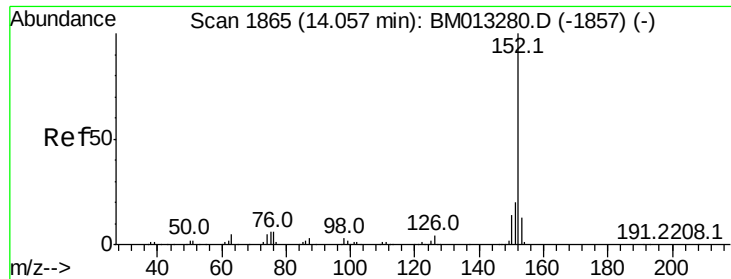
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:	165	Resp:	172627
Ion Ratio	Lower	Upper	
165	100		
89	65.3	52.6	79.0
121	20.5	14.6	22.0





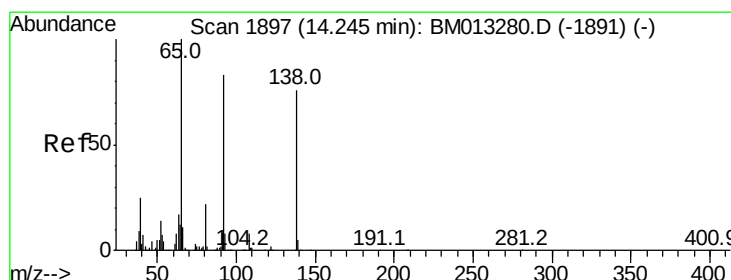
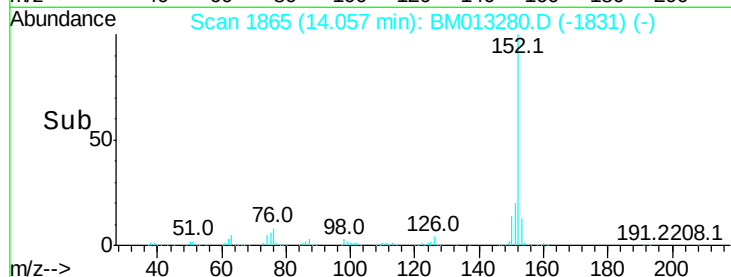
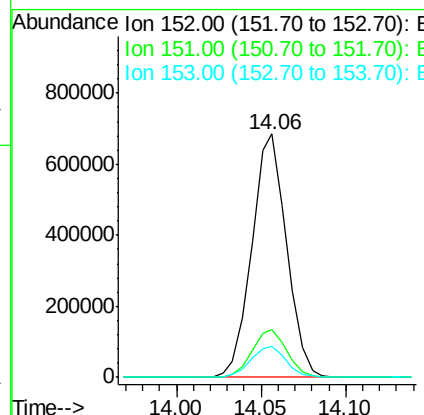
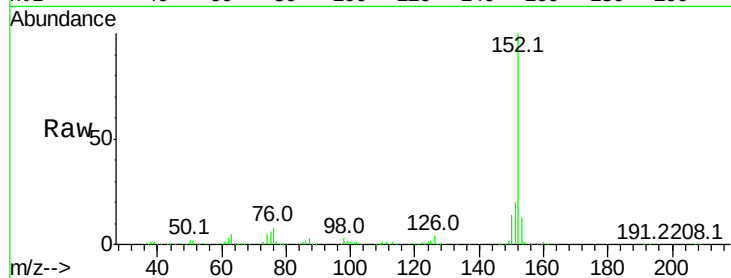
#47
Acenaphthylene
Concen: 19.597 ng/ul
RT: 14.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.9	10.2	15.4

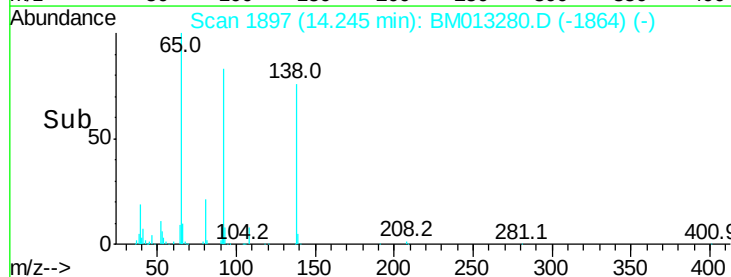
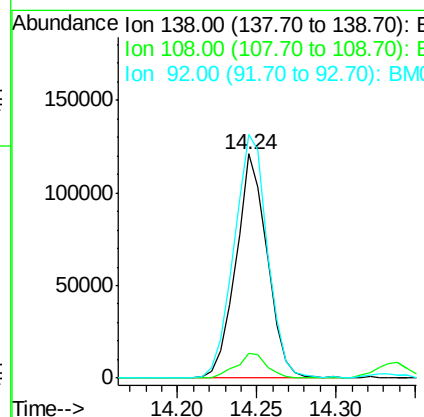
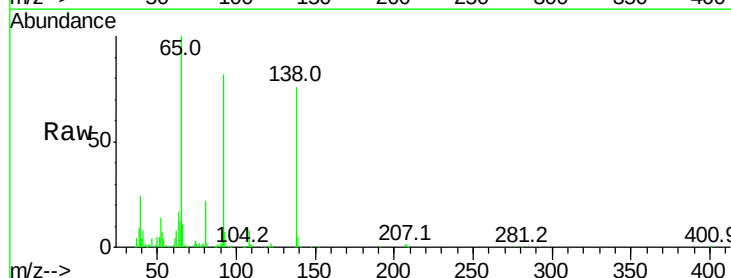
Manual Integrations
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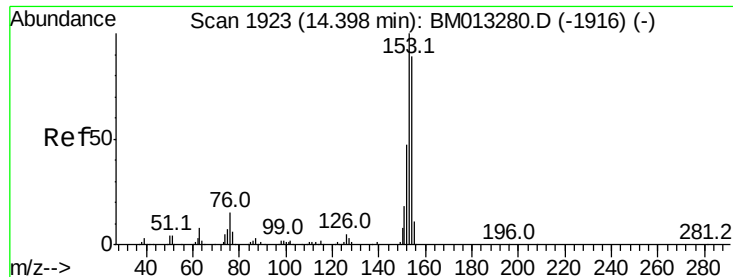
Sohil
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#48
3-Nitroaniline
Concen: 21.753 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.9	14.9
92	108.6	105.0	157.4





#49

Acenaphthene

Concen: 19.327 ng/ul

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

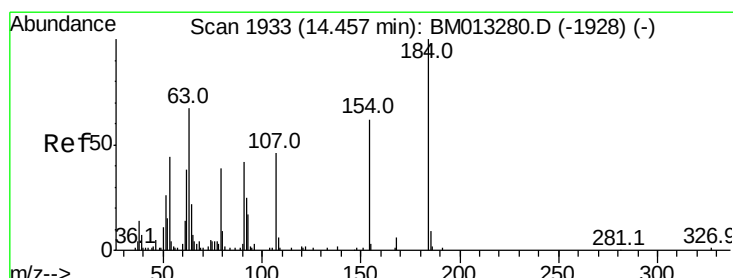
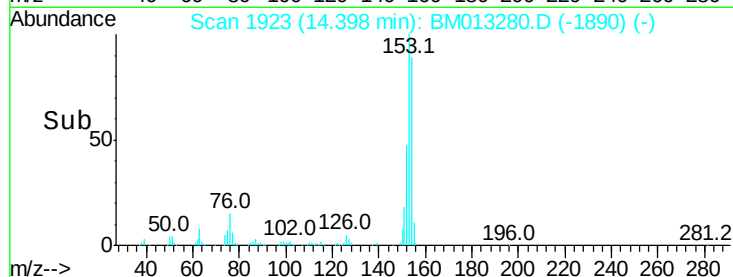
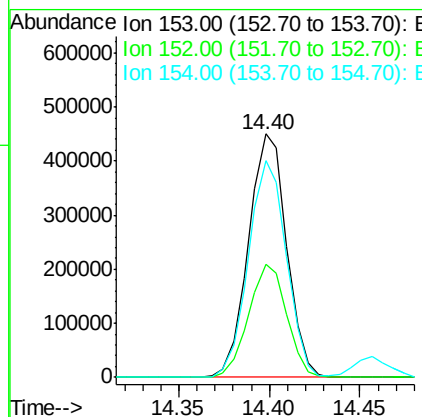
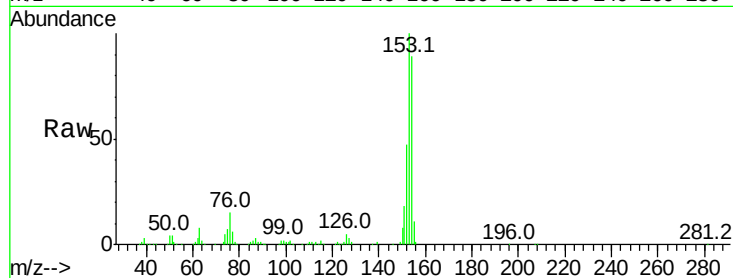
ClientSampleId :

SSTD02024

Tot Ion:153	Resp: 656758
Ion Ratio	Lower Upper
153 100	
152 46.5	37.6 56.4
154 88.9	70.4 105.6

Manual Integrations
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#50

2,4-Dinitrophenol

Concen: 17.496 ng/ul

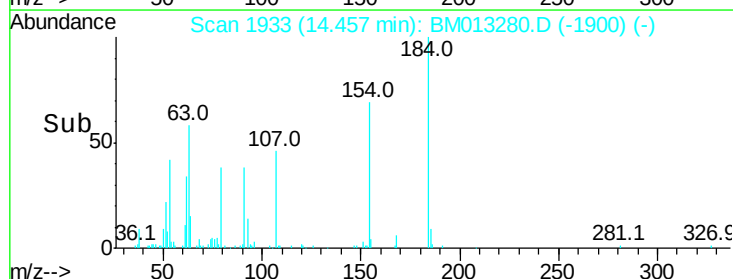
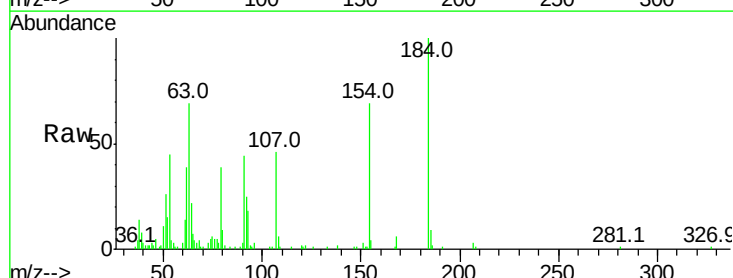
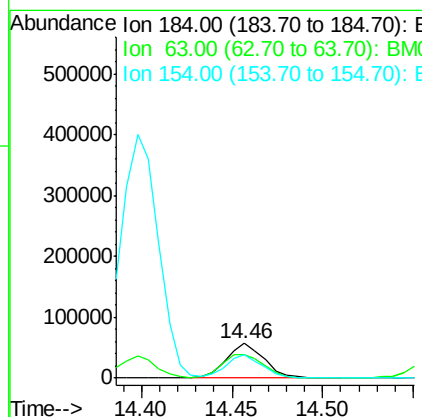
RT: 14.46 min Scan# 1933

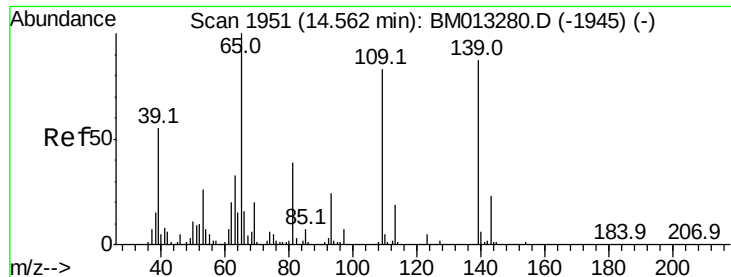
Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:184	Resp: 82497
Ion Ratio	Lower Upper
184 100	
63 68.8	50.1 75.1
154 69.1	54.5 81.7





#52

4-Nitrophenol

Concen: 19.655 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:109 Resp: 146339

Ion Ratio Lower Upper

109 100

139 104.8 80.0 120.0

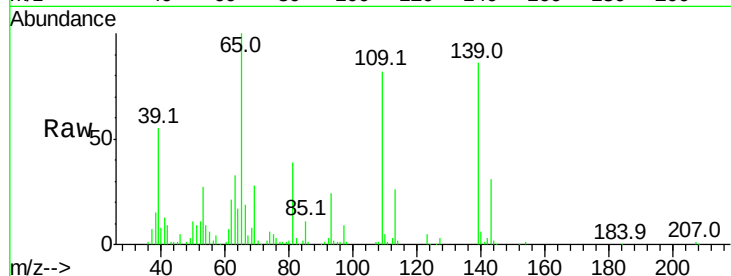
65 121.5 120.0 180.0

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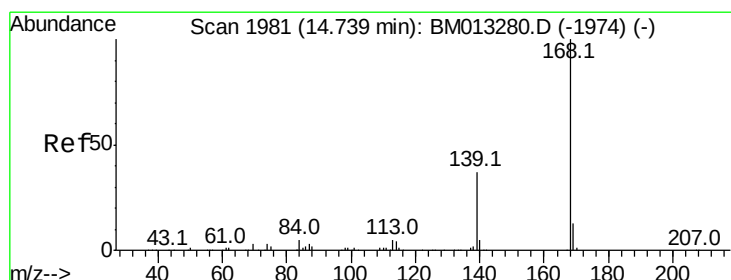
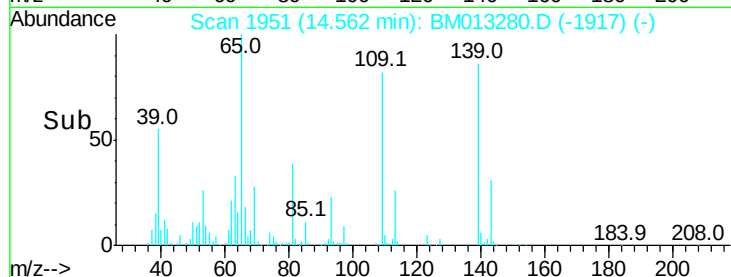
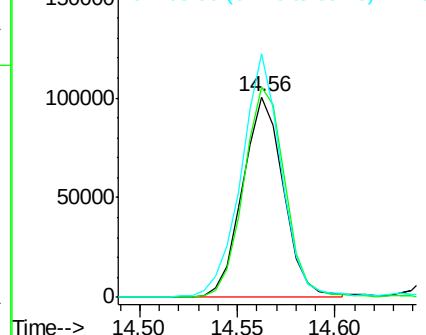
12/11/2017 6:16:07 PM



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.457 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM013280.D

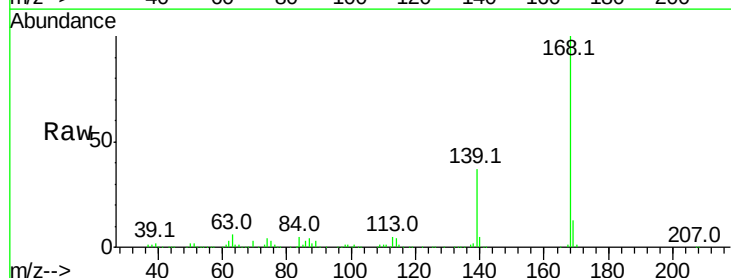
Acq: 08 Dec 2017 22:05

Tgt Ion:168 Resp: 976062

Ion Ratio Lower Upper

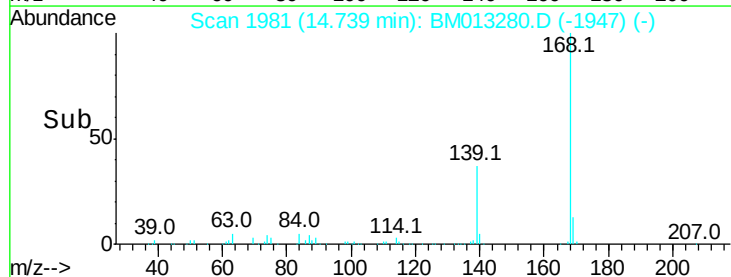
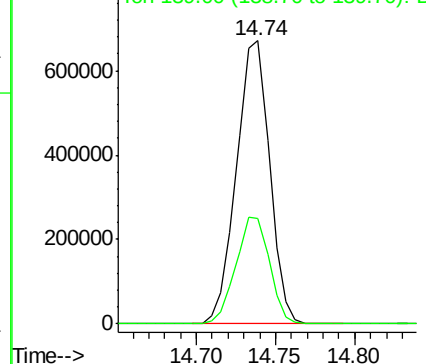
168 100

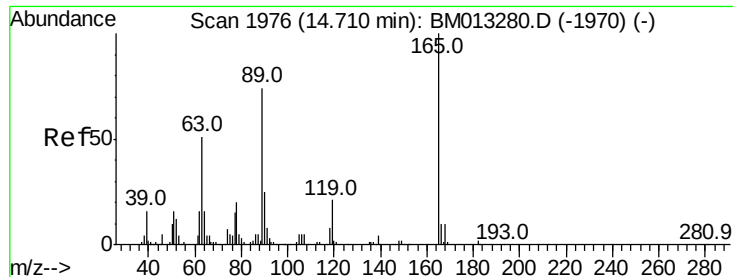
139 37.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.380 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

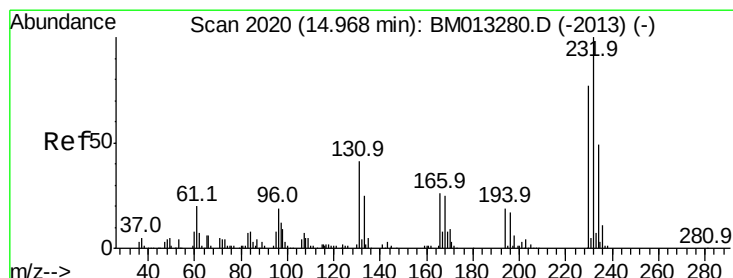
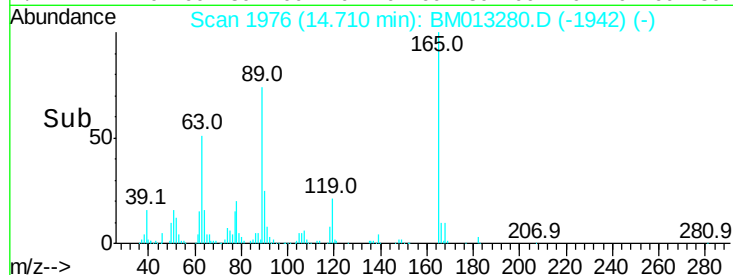
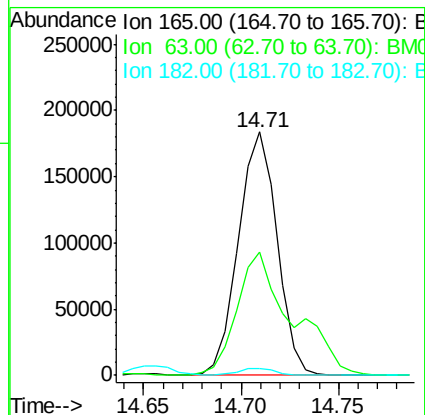
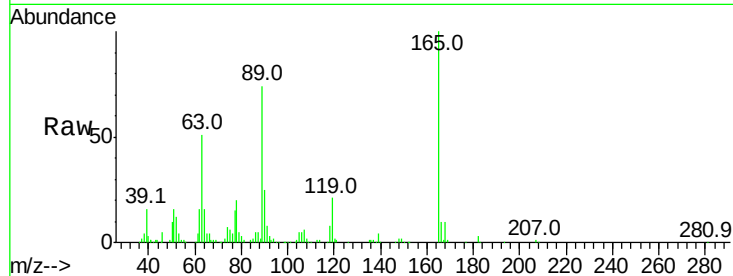
ClientSampleId :

SSTD02024

Tot Ion:	165	Resp:	252612
Ion Ratio	Lower	Upper	
165	100		
63	50.9	45.8	68.8
182	2.9	2.6	4.0

Manual Integrations
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#55

2,3,4,6-Tetrachlorophenol

Concen: 20.820 ng/ul

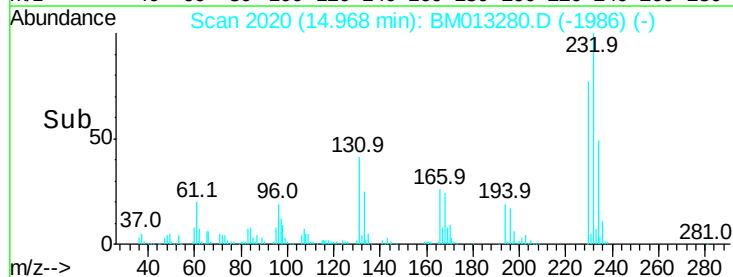
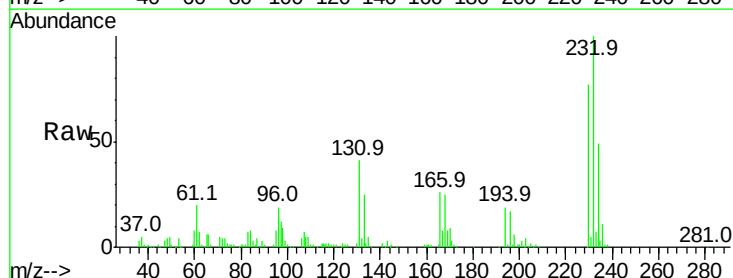
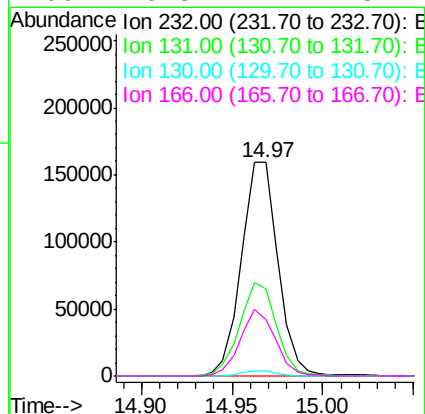
RT: 14.97 min Scan# 2020

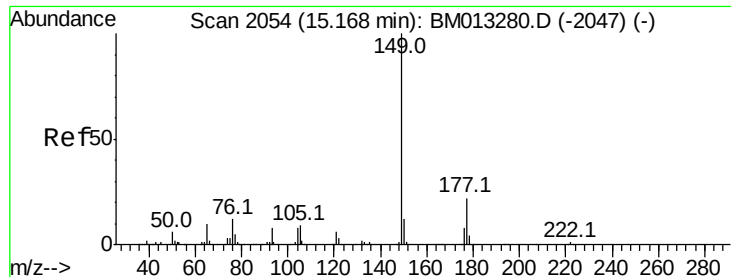
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:	232	Resp:	223909
Ion Ratio	Lower	Upper	
232	100		
131	40.5	29.0	43.4
130	2.4	2.0	3.0
166	26.3	21.4	32.2





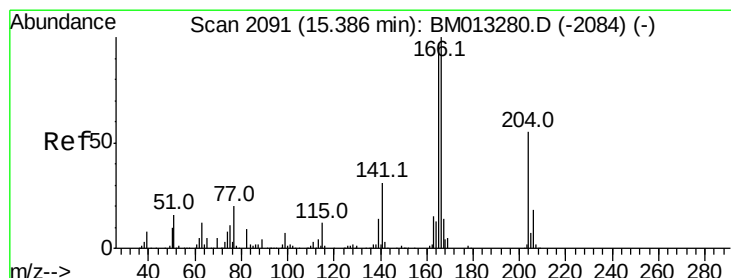
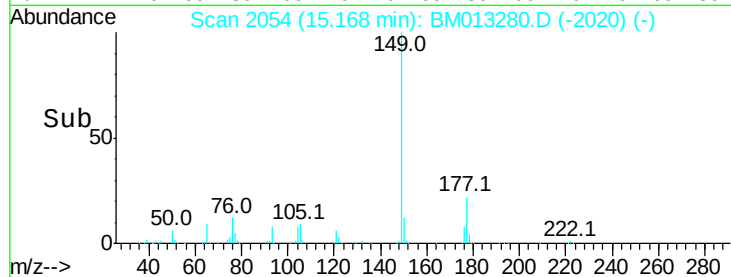
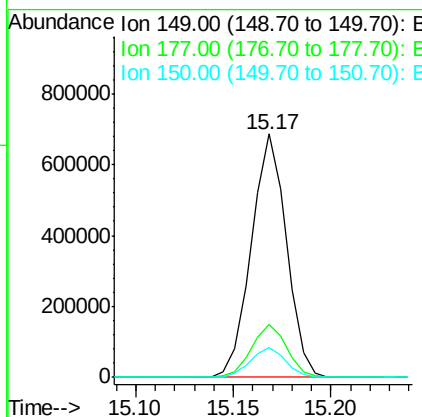
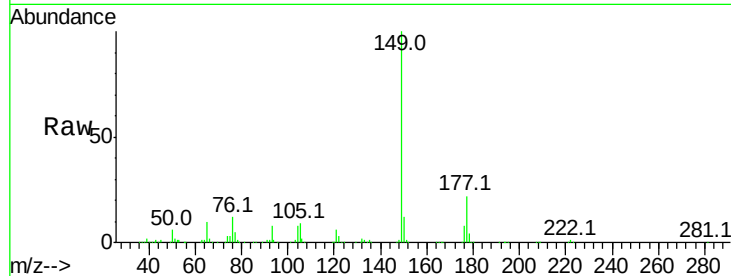
#56
Diethylphthalate
Concen: 20.454 ng/ul
RT: 15.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	20.5	30.7
150	12.0	10.6	15.8

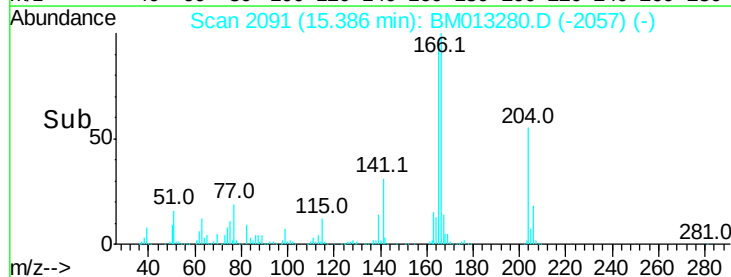
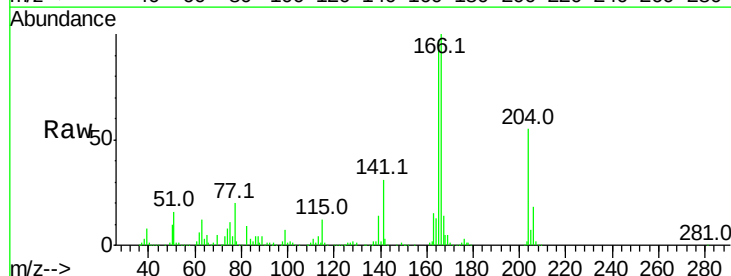
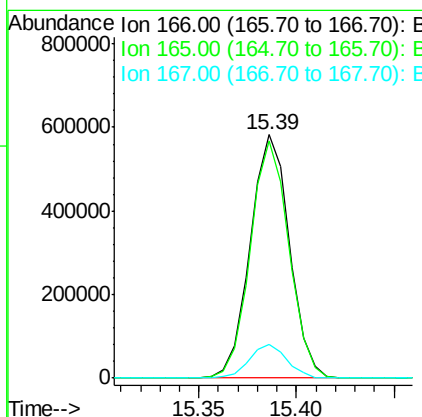
Manual Integrations
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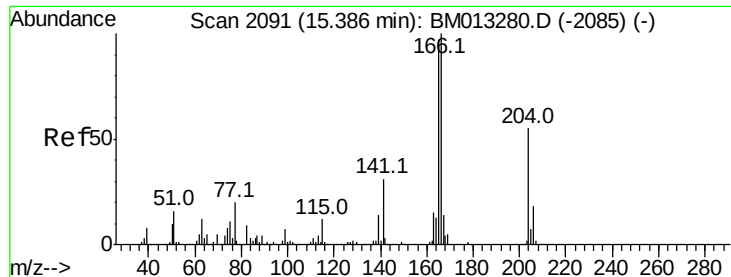
Sohil
12/11/2017 6:16:07 PM



#58
Fluorene
Concen: 19.449 ng/ul
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.9	116.9
167	13.7	10.6	16.0





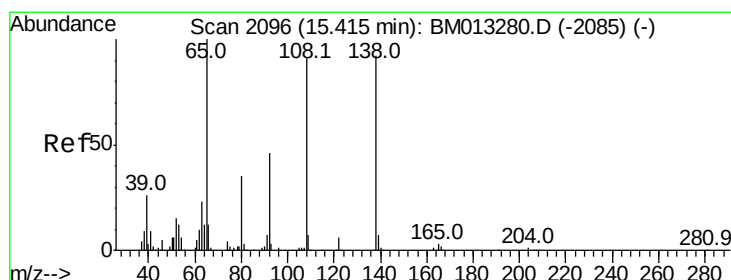
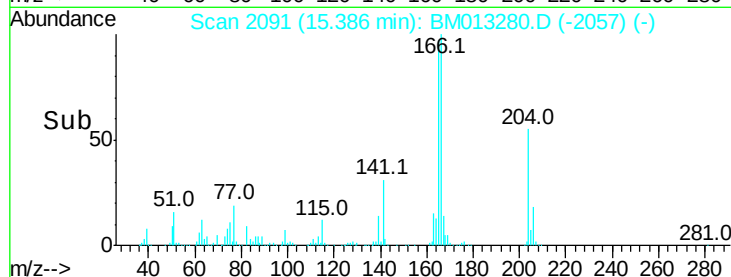
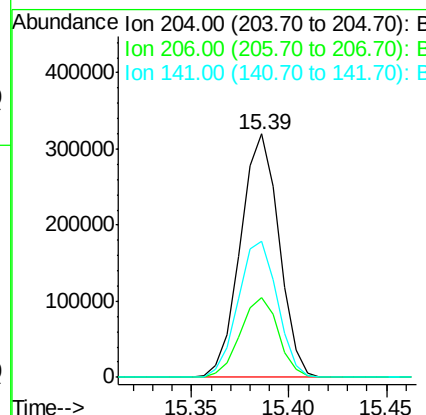
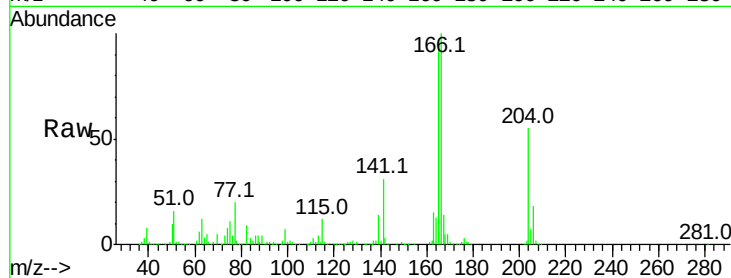
#59
4-Chlorophenyl-phenylether
Concen: 19.445 ng/ul
RT: 15.39 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	24.8	37.2
141	56.0	44.3	66.5

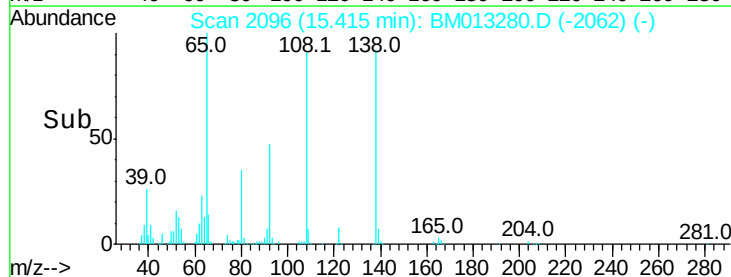
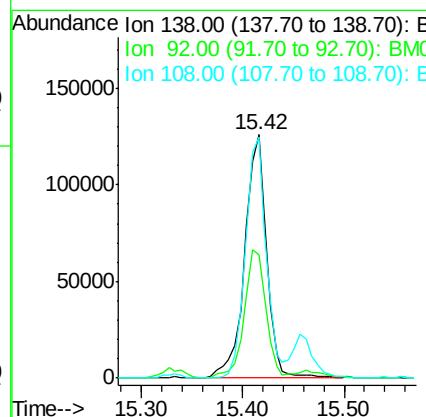
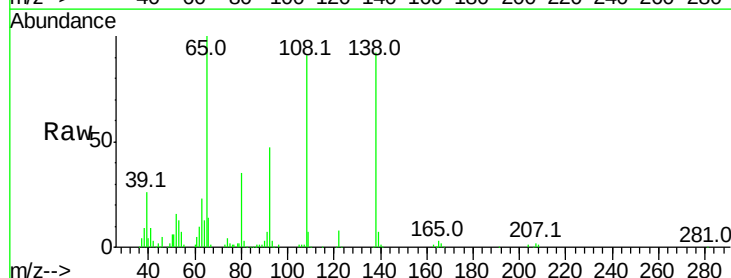
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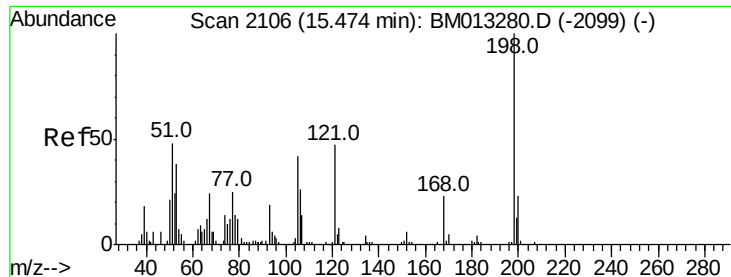
Sohil
12/11/2017 6:16:07 PM



#60
4-Nitroaniline
Concen: 21.193 ng/ul
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	40.0	60.0
108	99.0	80.0	120.0





#63

4,6-Dinitro-2-methylphenol

Concen: 17.767 ng/ul

RT: 15.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:198 Resp: 136582

Ion Ratio Lower Upper

198 100

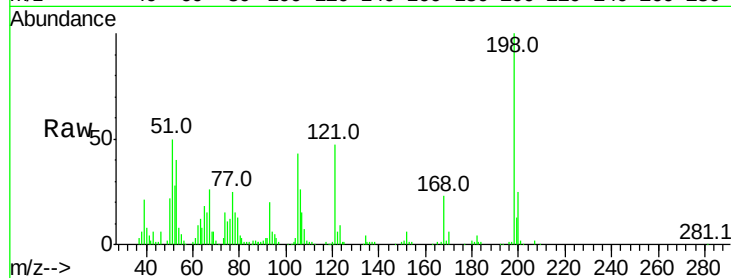
182 3.7 3.8 5.6#

77 25.4 25.2 37.8

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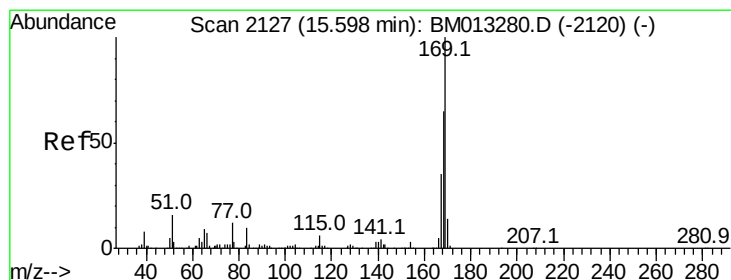
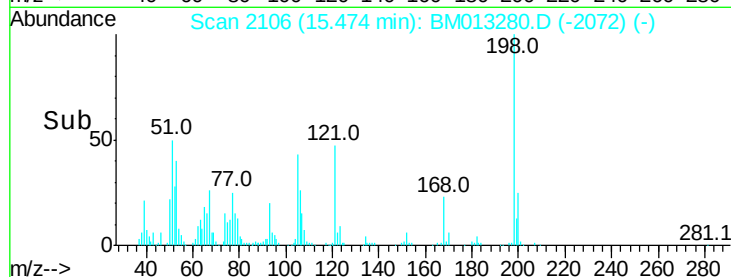
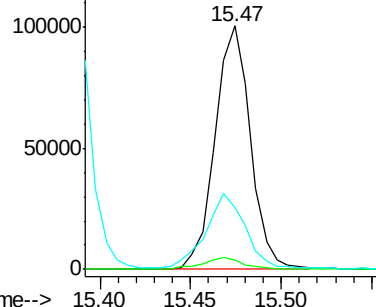
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#64

N-Nitrosodiphenylamine

Concen: 19.416 ng/ul

RT: 15.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

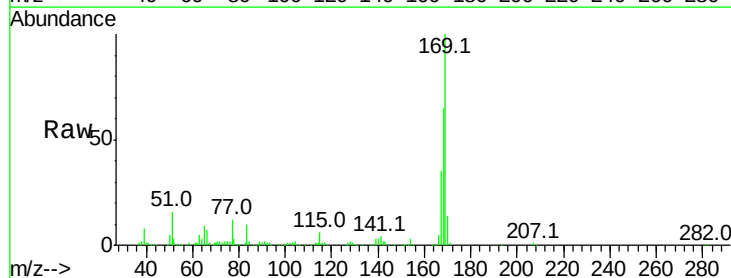
Tgt Ion:169 Resp: 699431

Ion Ratio Lower Upper

169 100

168 65.1 54.0 81.0

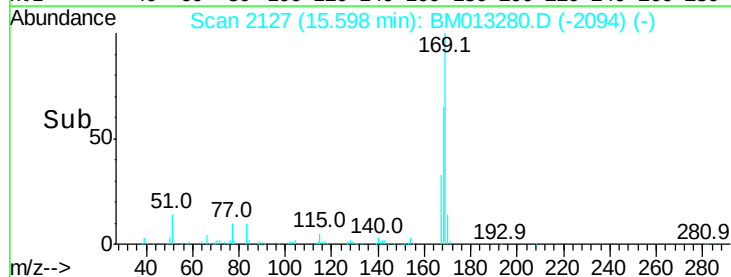
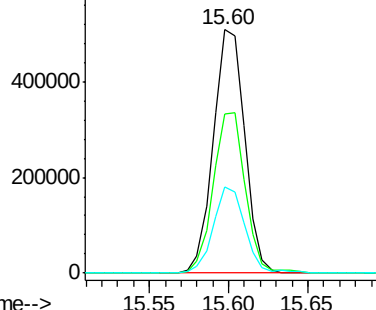
167 35.4 29.1 43.7

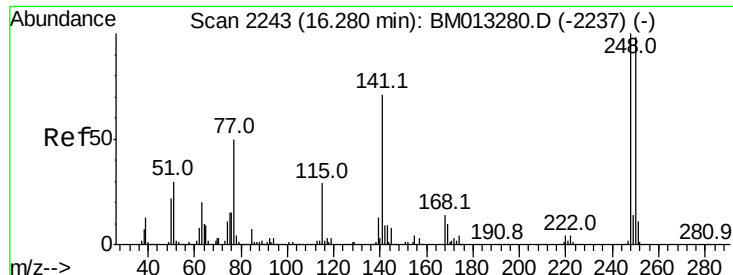


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





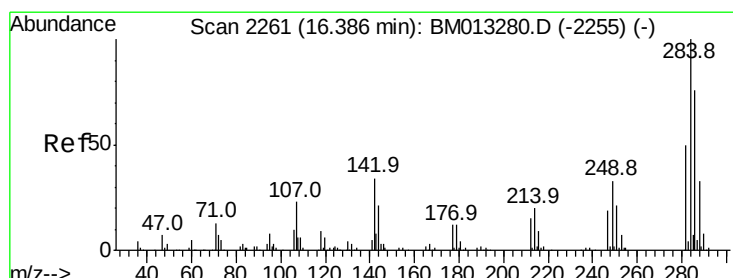
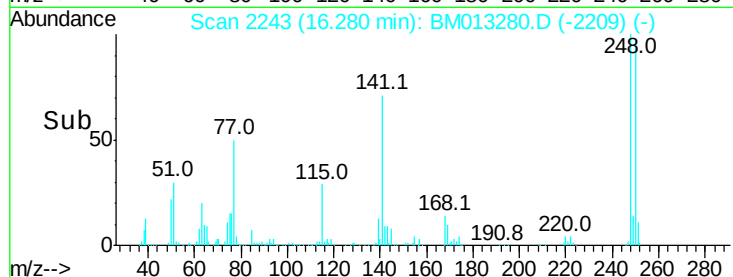
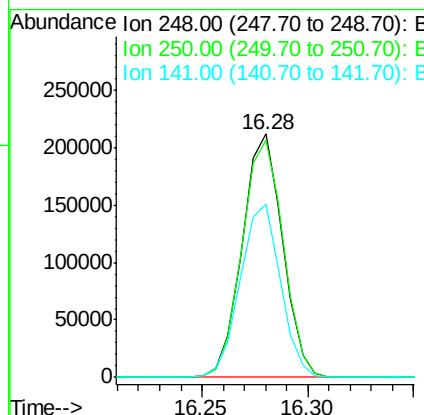
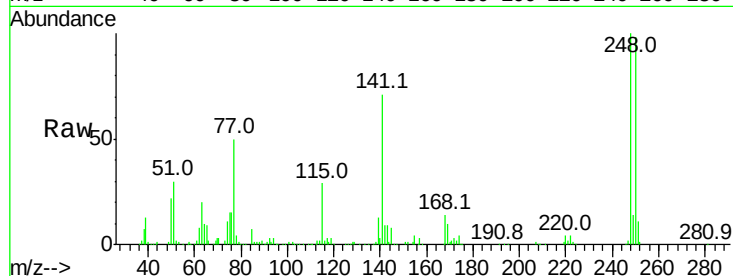
#65
4-Bromophenyl-phenylether
Concen: 19.550 ng/ul
RT: 16.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampled :
SSTD02024

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	80.5	120.7
141	70.9	53.6	80.4

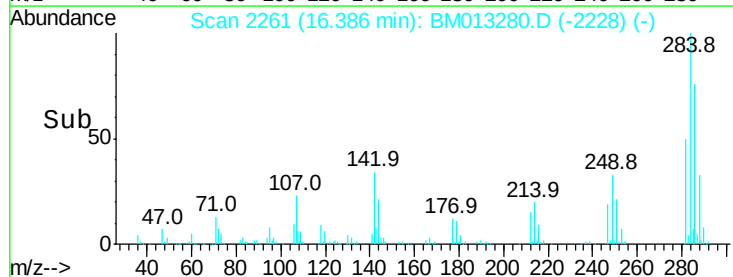
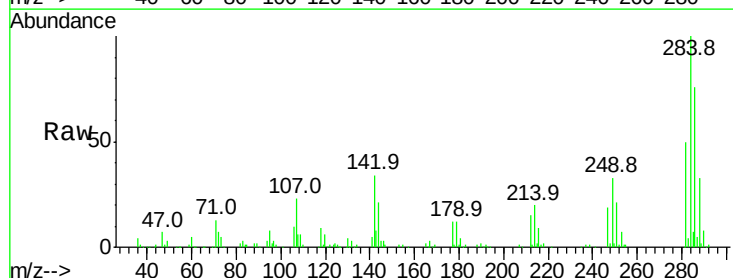
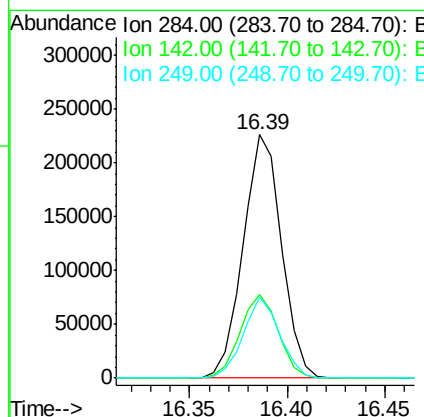
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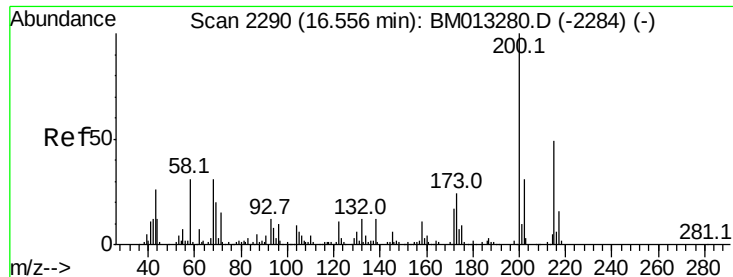
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#66
Hexachlorobenzene
Concen: 19.429 ng/ul
RT: 16.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	21.2	31.8#
249	33.1	24.5	36.7





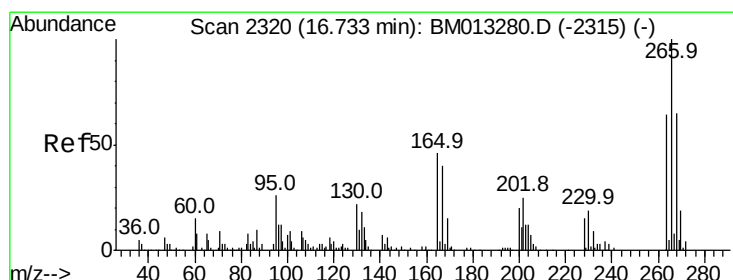
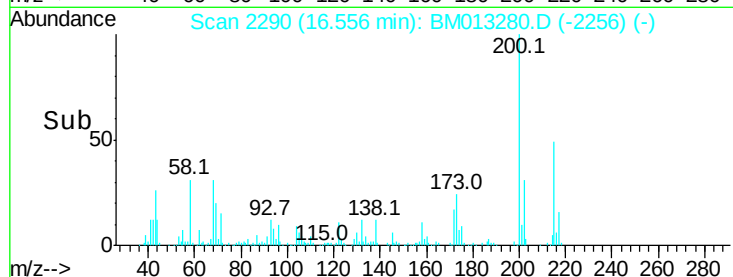
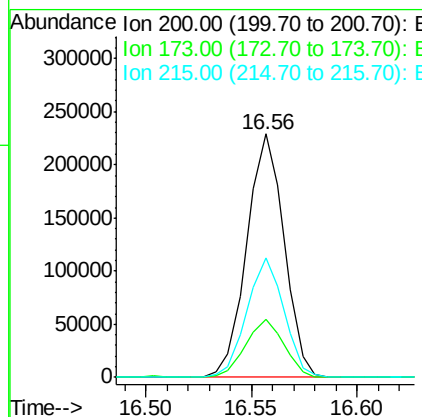
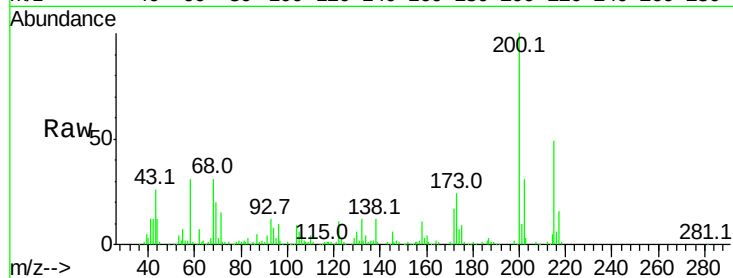
#67
 Atrazine
 Concen: 21.217 ng/ul
 RT: 16.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 SST02024

Tot Ion	Ratio	Resp	Lower	Upper
200	100	282104		
173	23.9	18.2	27.2	
215	48.8	35.0	52.4	

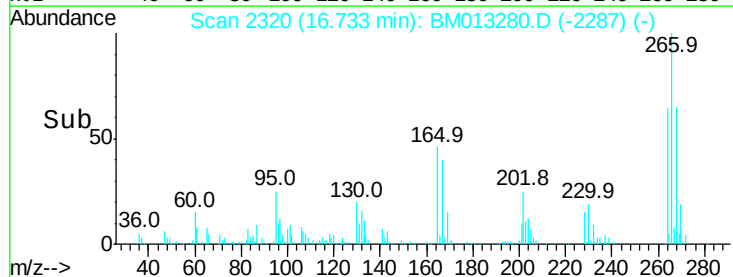
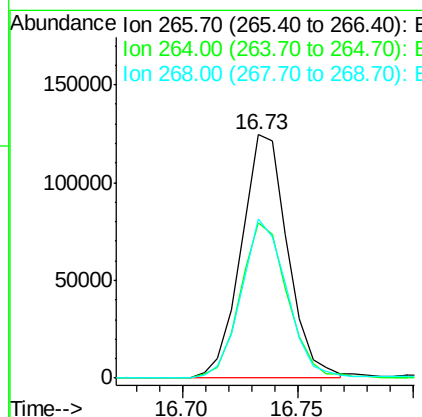
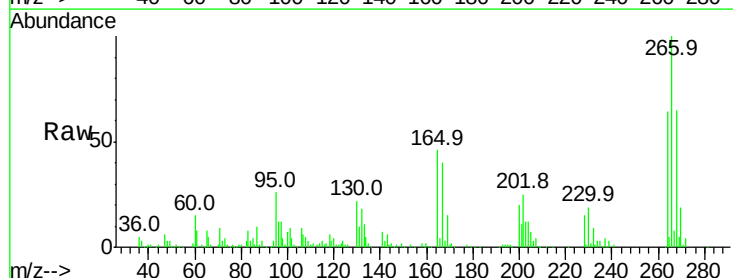
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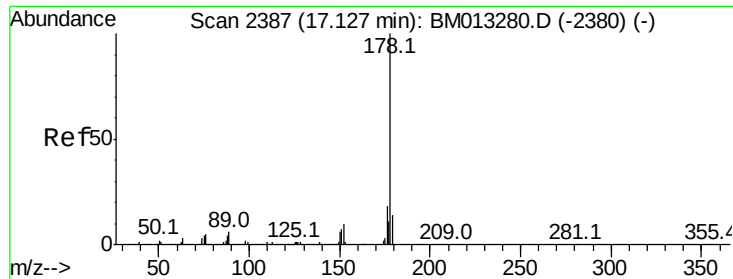
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#68
 Pentachlorophenol
 Concen: 19.082 ng/ul
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	174965		
264	63.9	49.3	73.9	
268	65.5	52.6	78.8	





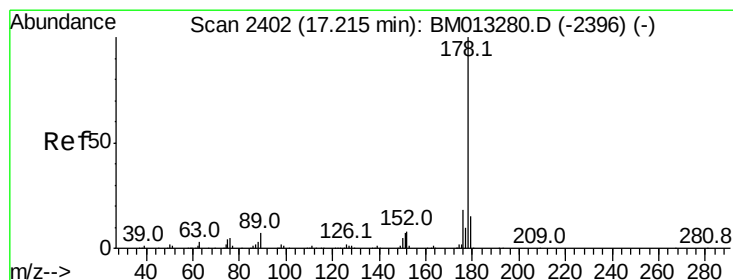
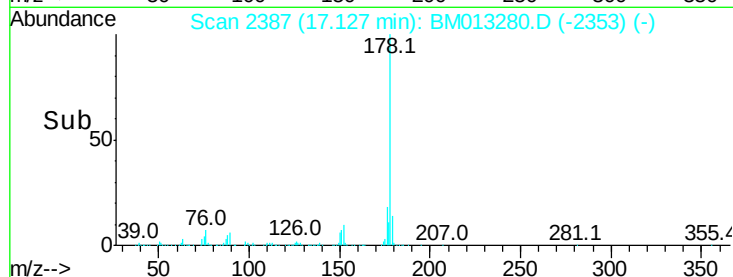
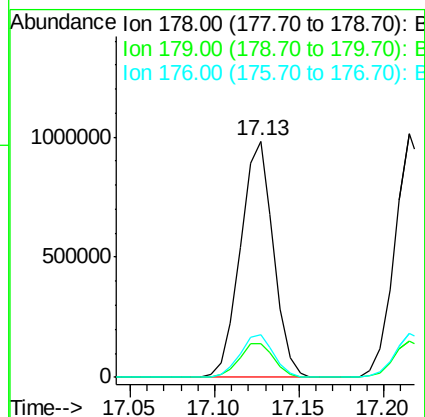
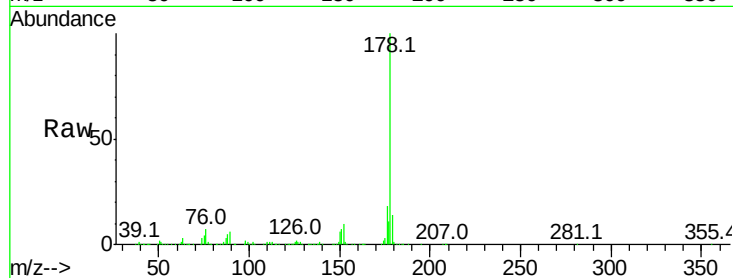
#69
 Phenanthrene
 Concen: 19.171 ng/ul
 RT: 17.13 min Scan# 2387
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	18.1	14.9	22.3

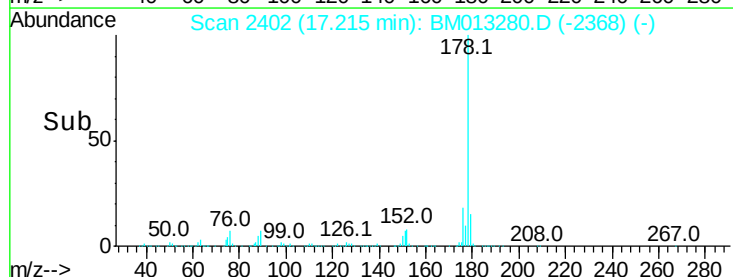
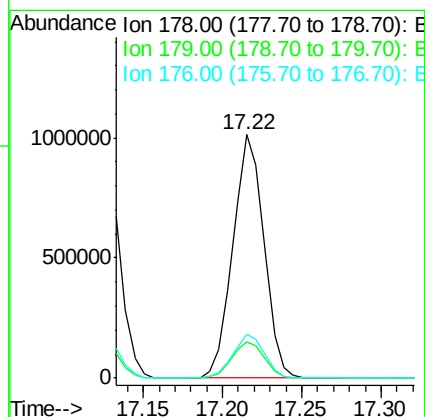
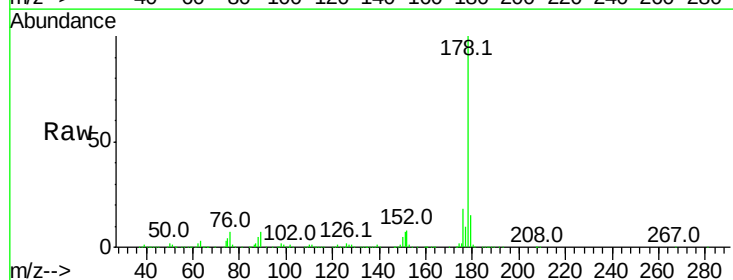
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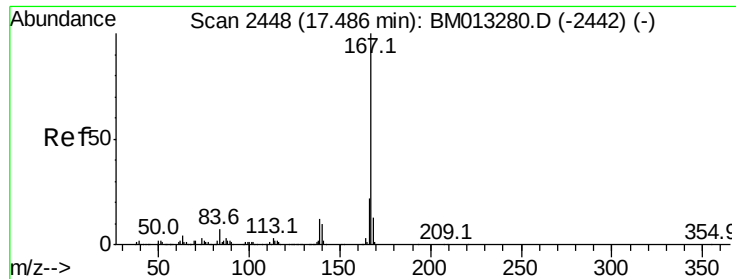
Sohil
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#71
 Anthracene
 Concen: 19.292 ng/ul
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BM013280.D
 Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	17.9	14.6	21.8





#72

Carbazole

Concen: 19.215 ng/ul

RT: 17.49 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

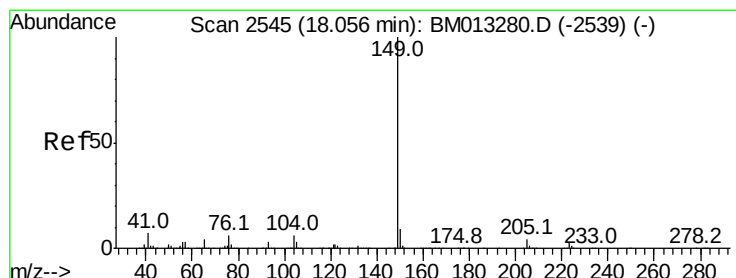
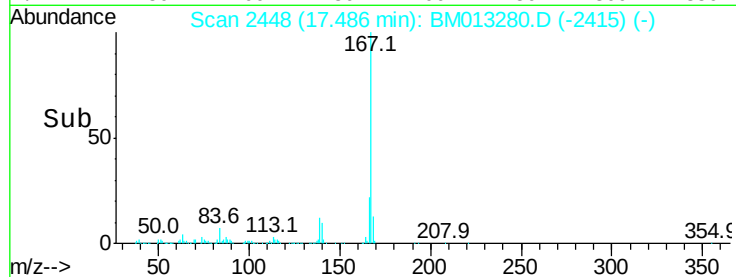
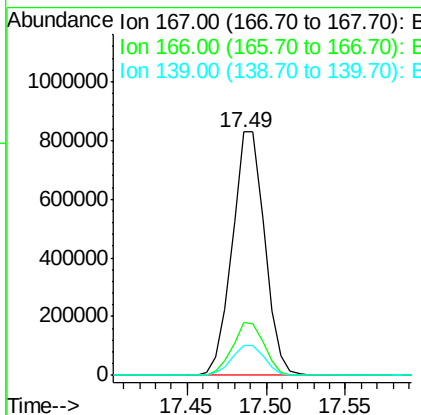
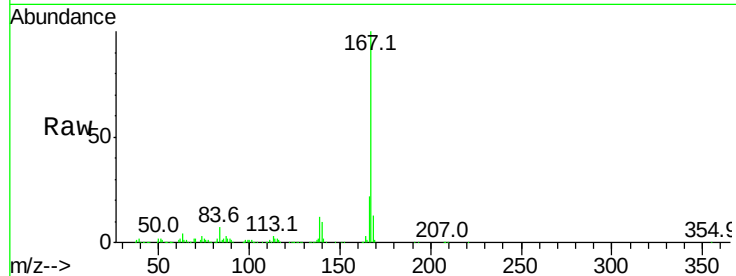
ClientSampleId :

SSTD02024

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.4	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 20.911 ng/ul

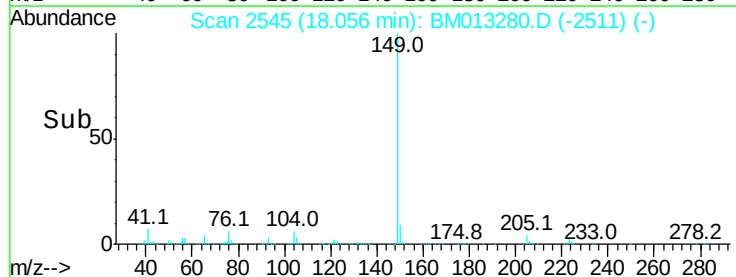
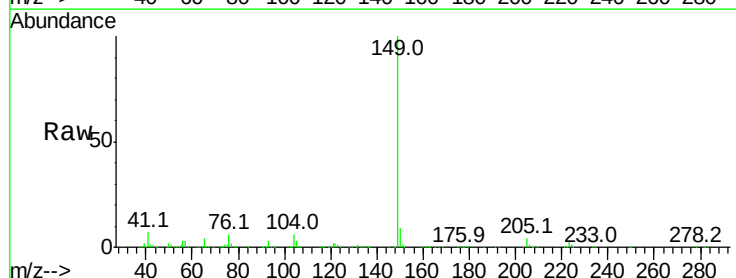
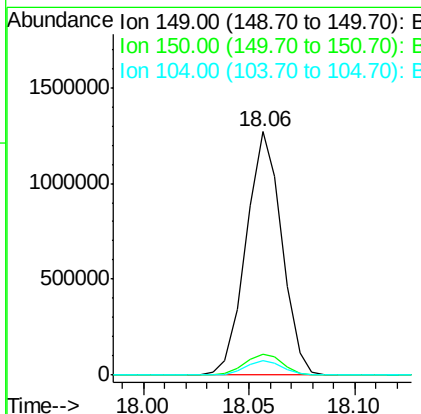
RT: 18.06 min Scan# 2545

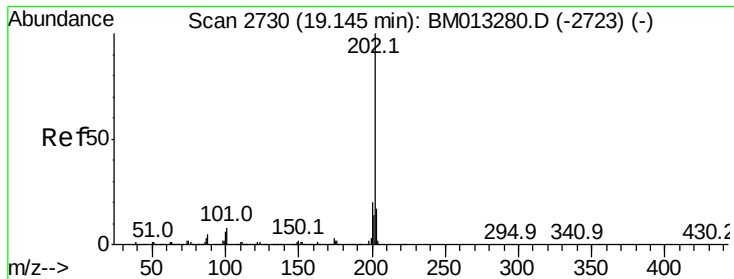
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.1	10.7
104	6.2	5.6	8.4





#74

Fluoranthene

Concen: 19.124 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

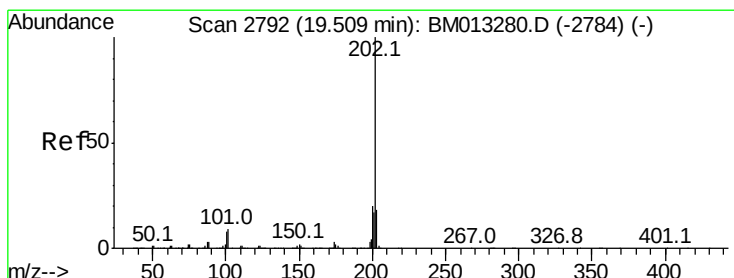
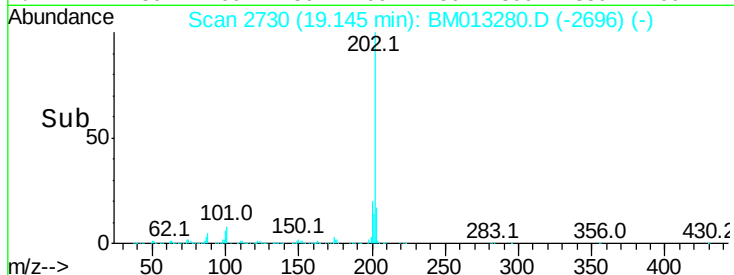
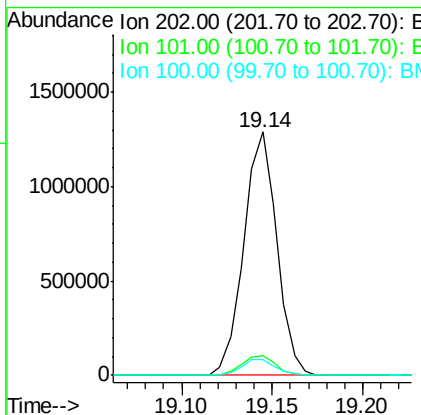
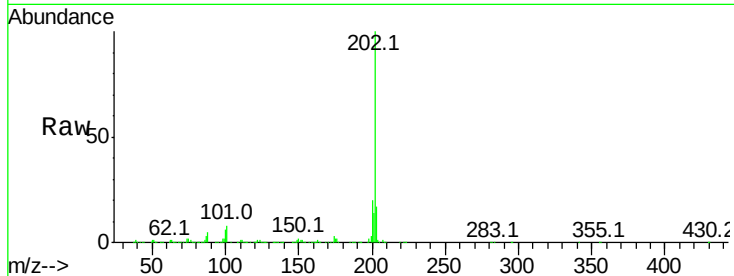
ClientSampleId :

SSTD02024

Tot Ion:	202	Resp:	1628156
Ion Ratio	Lower	Upper	
202	100		
101	8.2	4.6	7.0#
100	6.4	3.4	5.2#

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#77

Pyrene

Concen: 21.151 ng/ul

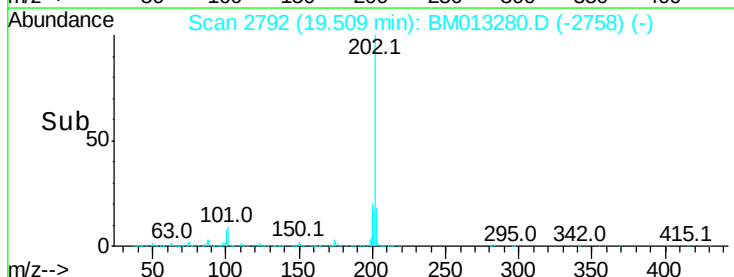
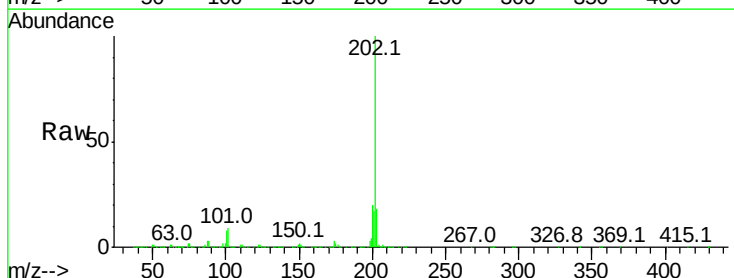
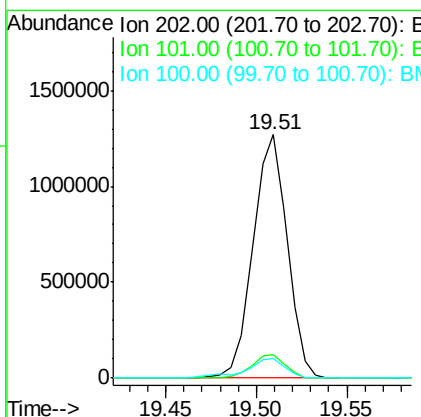
RT: 19.51 min Scan# 2792

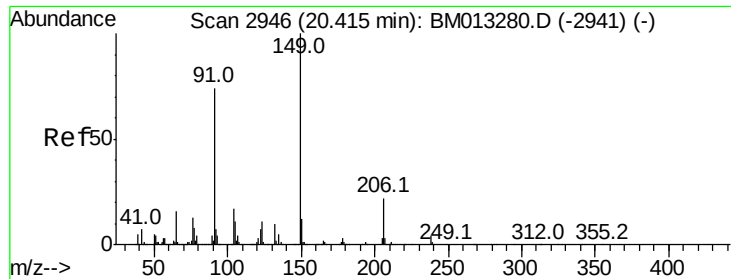
Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:	202	Resp:	1661103
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	8.0	4.9	7.3#





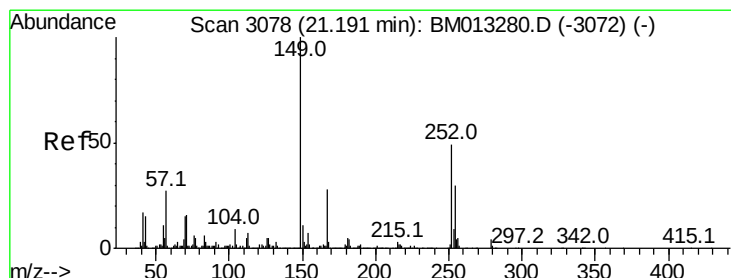
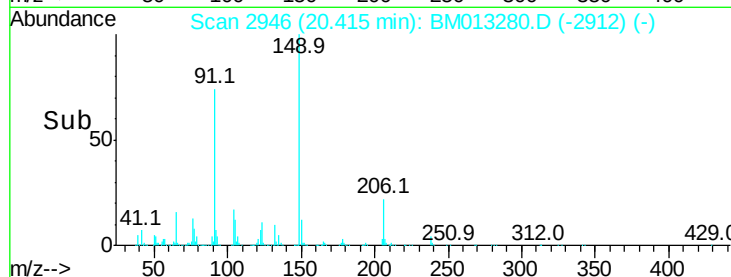
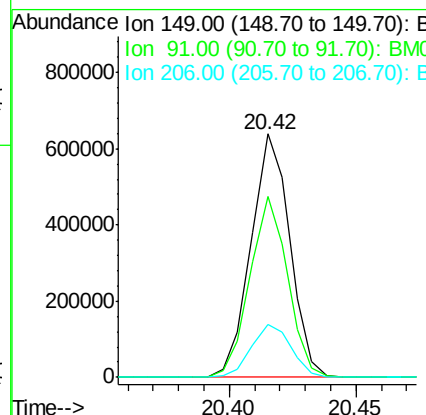
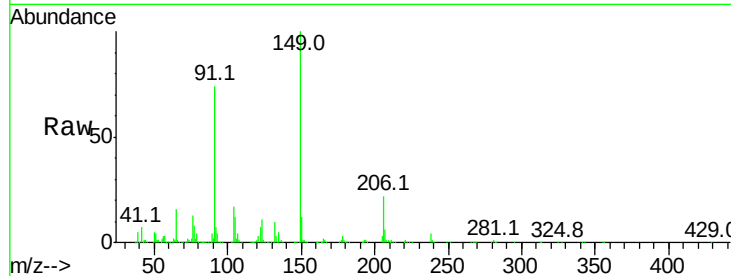
#78
Butylbenzylphthalate
Concen: 22.256 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	62.7	94.1
206	21.9	20.8	31.2

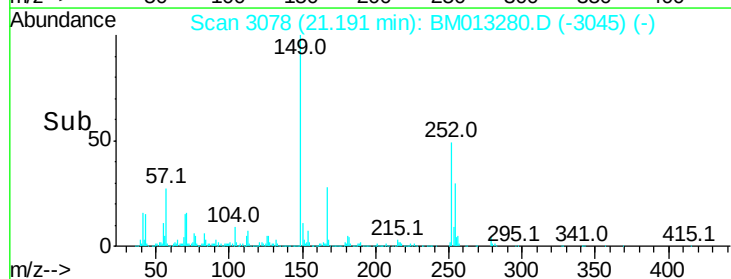
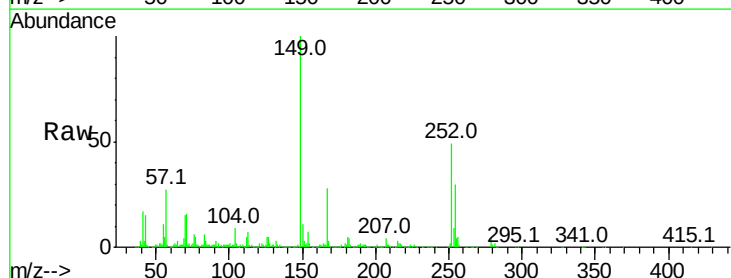
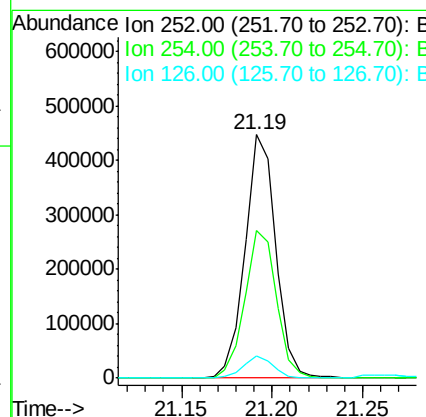
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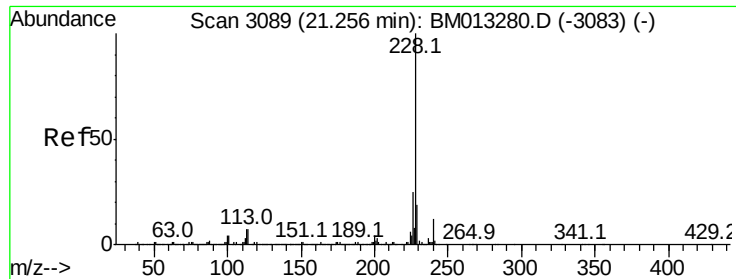
Sohil
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#79
3,3'-Dichlorobenzidine
Concen: 19.418 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.5	54.5	81.7
126	9.3	5.8	8.8#





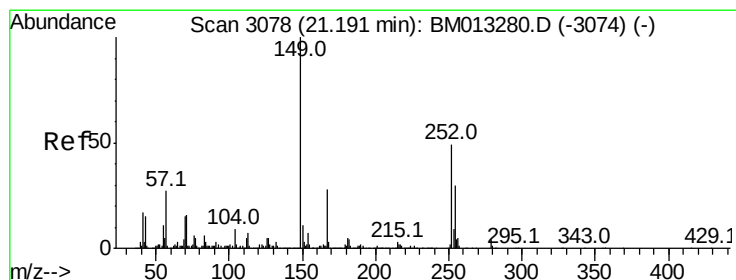
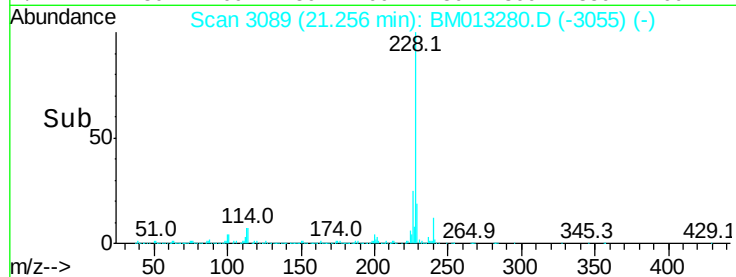
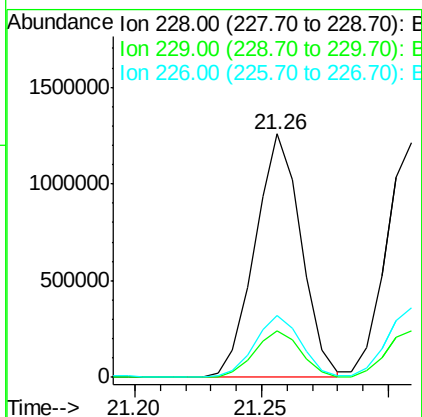
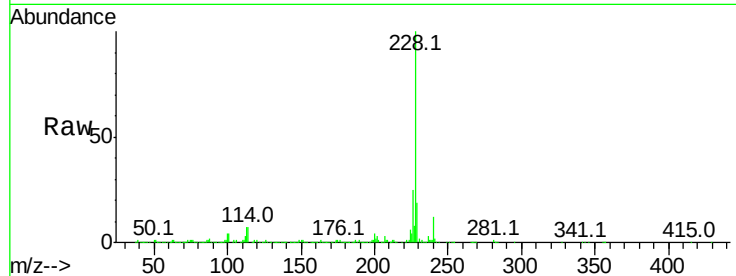
#80
Benzo(a)anthracene
Concen: 19.502 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tot Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.4	23.0
226	25.4	21.4	32.0

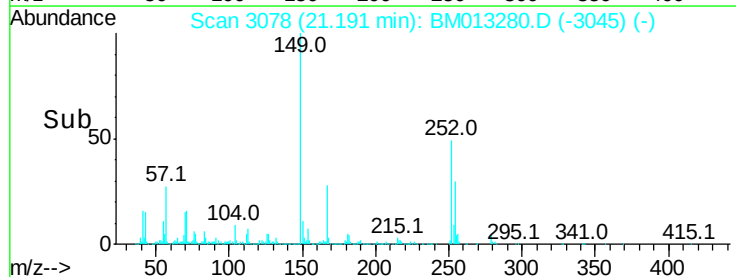
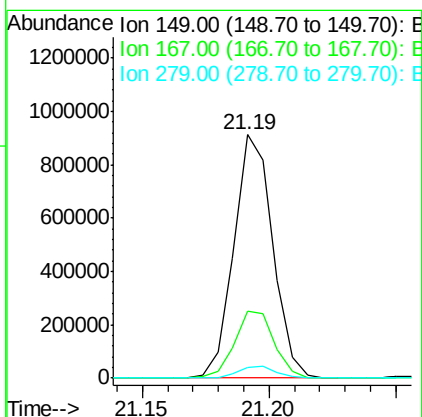
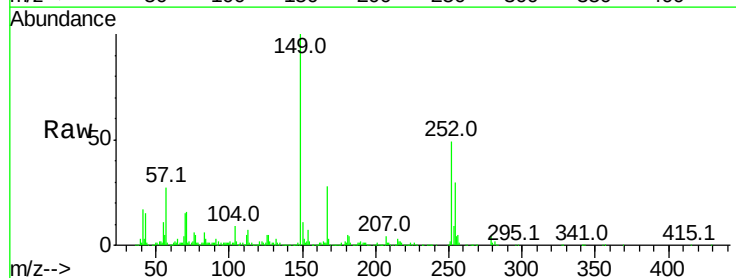
Manual Integrations
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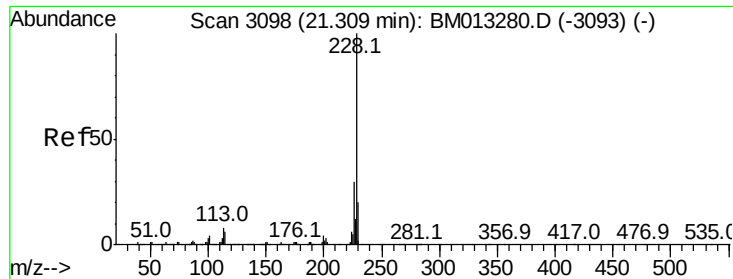
Sohil
12/11/2017 6:16:07 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 20.834 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BM013280.D
Acq: 08 Dec 2017 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.3	4.9	7.3#





#82

Chrysene

Concen: 19.443 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

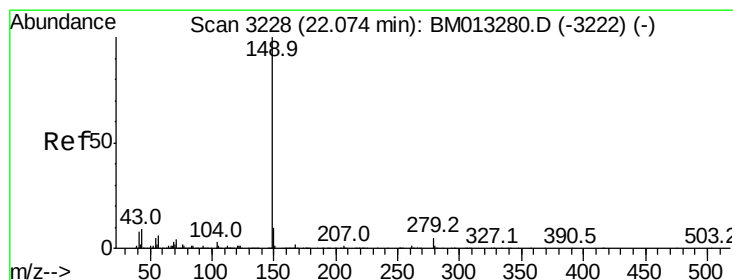
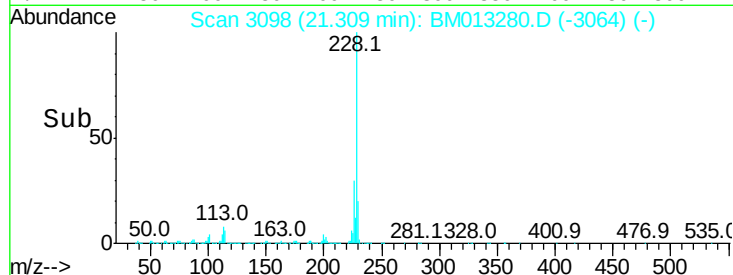
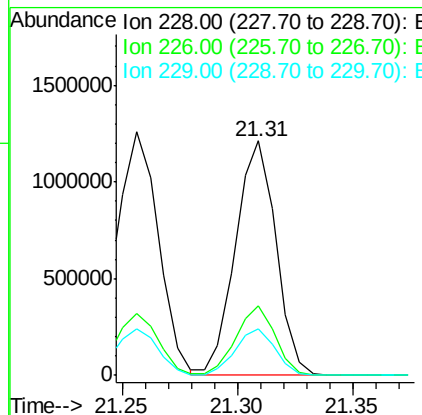
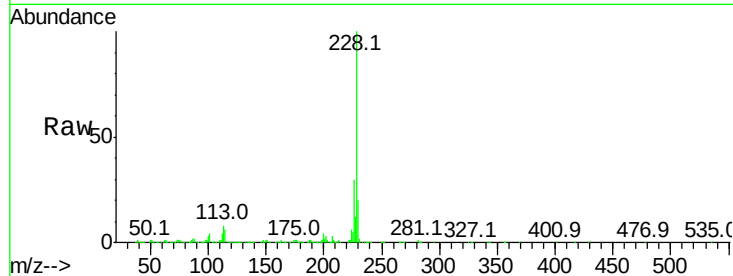
SSTD02024

Tot Ion:228 Resp: 1479475

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

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#84

Di-n-octyl phthalate

Concen: 20.124 ng/ul

RT: 22.07 min Scan# 3228

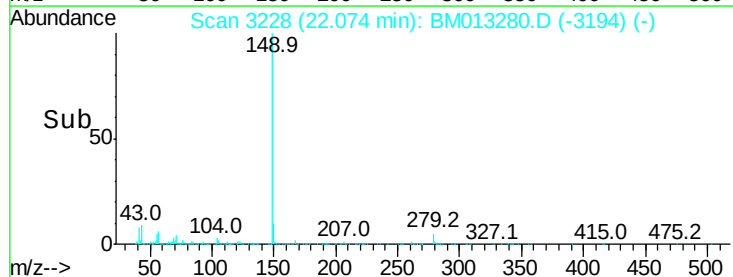
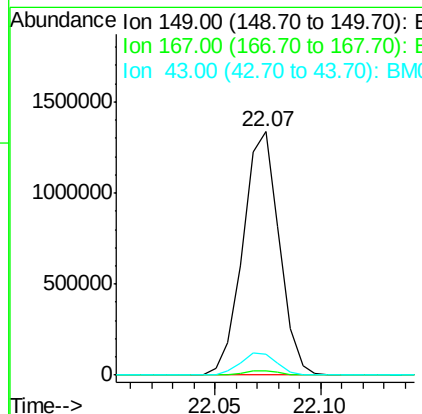
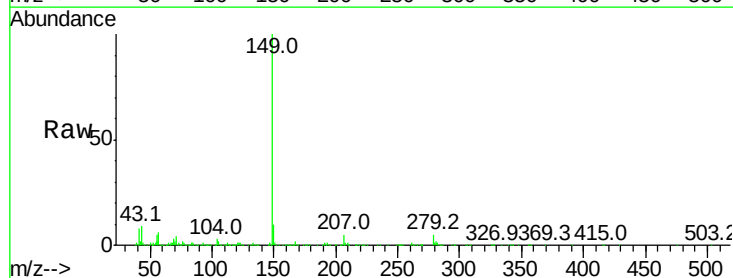
Delta R.T. -0.00 min

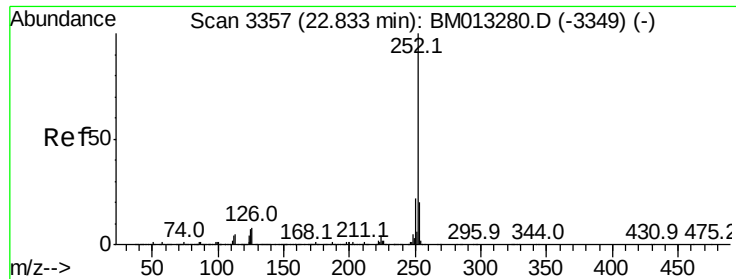
Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:149 Resp: 1586218

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.7	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 19.447 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:252 Resp: 1453074

Ion Ratio Lower Upper

252 100

253 19.9 17.9 26.9

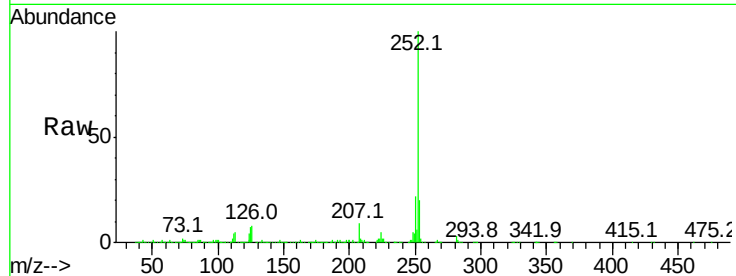
125 6.7 3.6 5.4#

Manual Integrations

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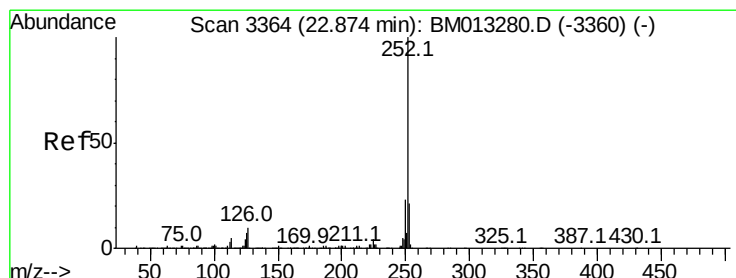
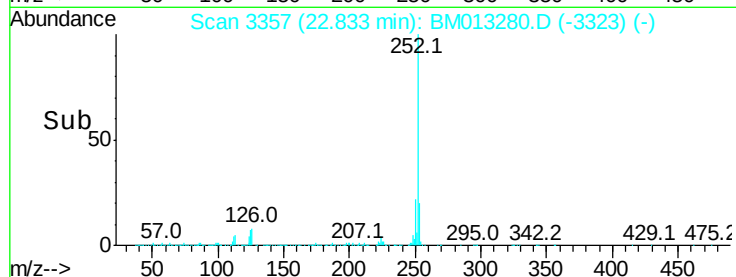
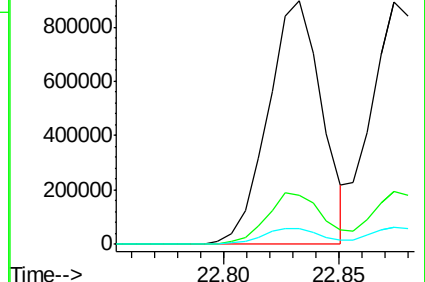
12/11/2017 6:16:07 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.336 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Tgt Ion:252 Resp: 1429969

Ion Ratio Lower Upper

252 100

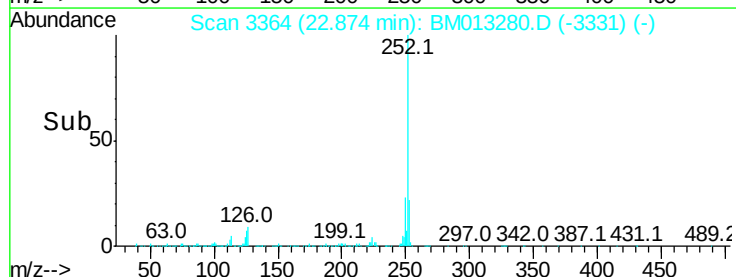
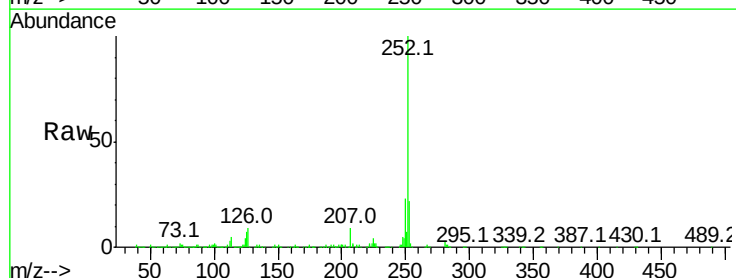
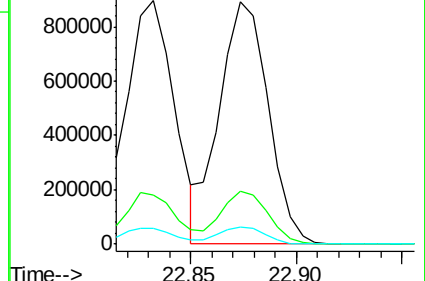
253 21.9 17.1 25.7

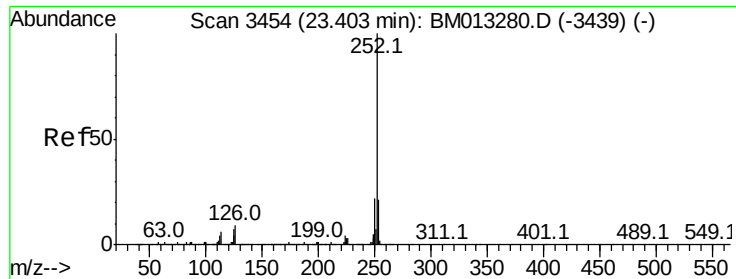
125 6.8 3.4 5.2#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.761 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:252 Resp: 1326382

Ion Ratio Lower Upper

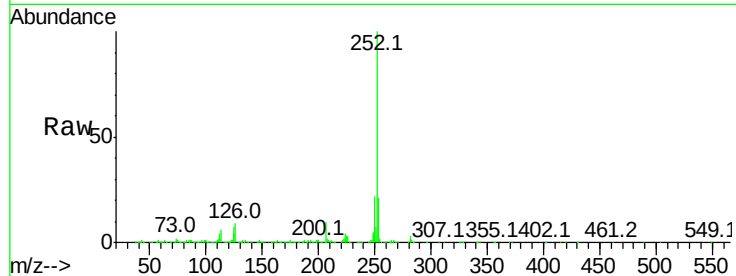
252 100

253 21.0 18.2 27.2

125 6.7 4.0 6.0#

Manual Integrations
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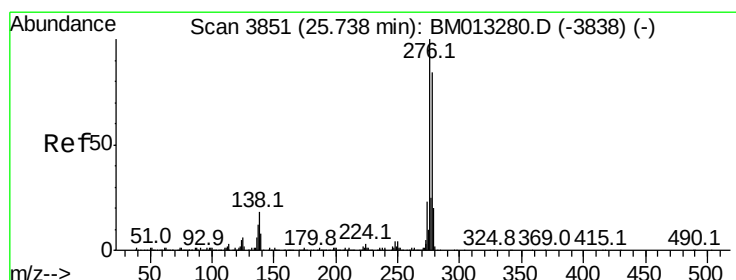
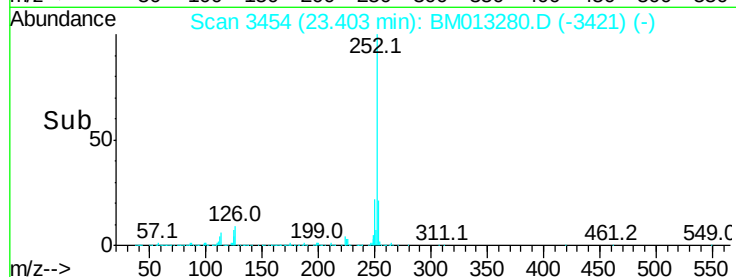
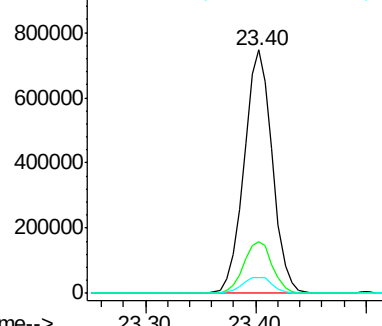
Sohil
12/11/2017 6:16:07 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.202 ng/ul

RT: 25.74 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

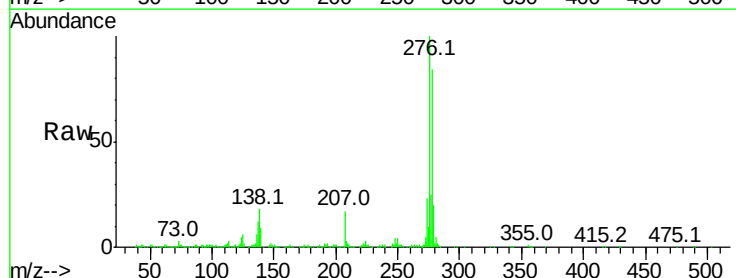
Tgt Ion:276 Resp: 1345430

Ion Ratio Lower Upper

276 100

138 18.3 9.3 13.9#

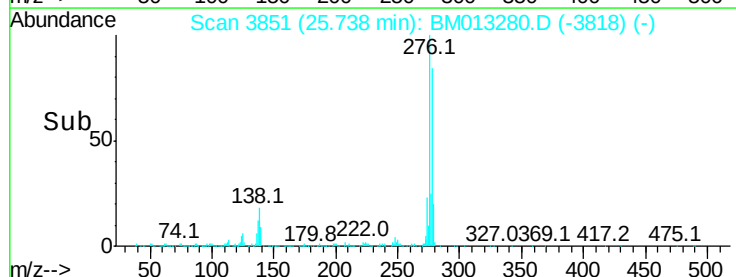
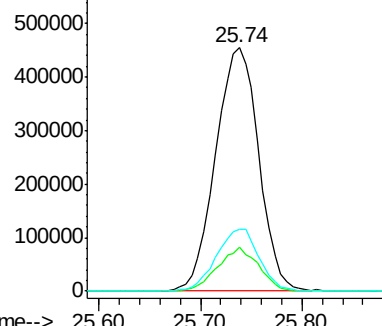
277 25.2 19.9 29.9

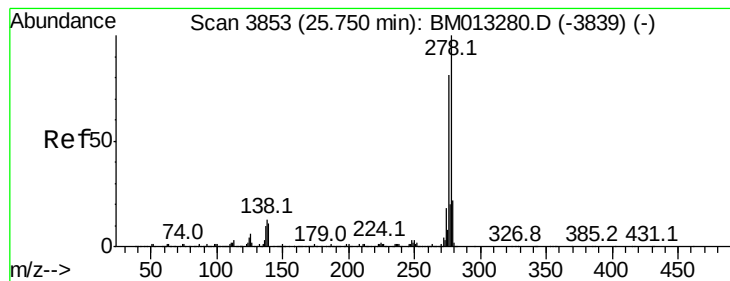


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.301 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

Instrument :

BNA_M

ClientSampleId :

SSTD02024

Tot Ion:278 Resp: 1151256

Ion Ratio Lower Upper

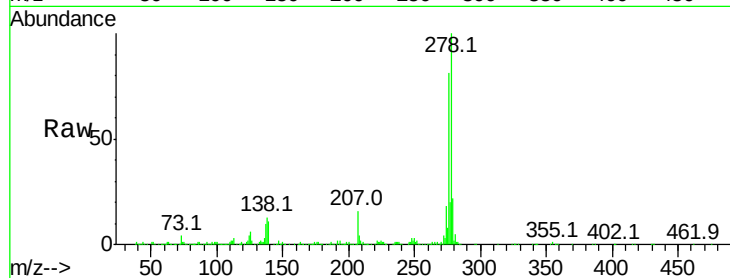
278 100

139 10.8 5.8 8.8#

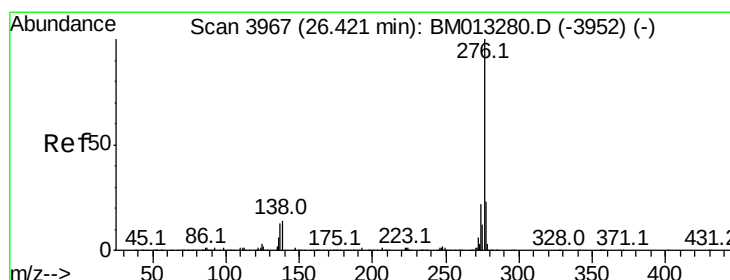
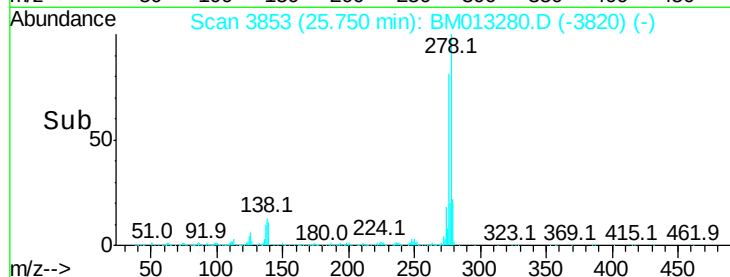
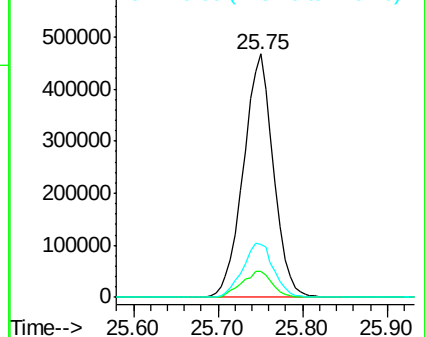
279 22.0 18.6 27.8

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.893 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BM013280.D

Acq: 08 Dec 2017 22:05

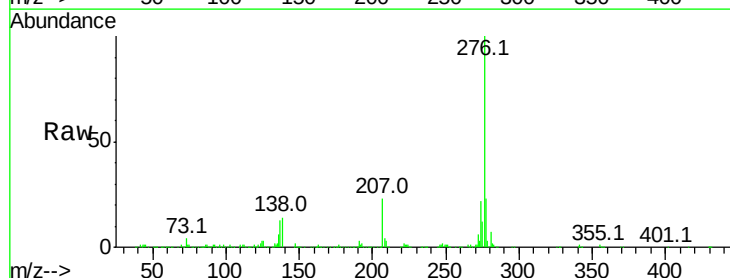
Tgt Ion:276 Resp: 1045024

Ion Ratio Lower Upper

276 100

138 14.4 8.5 12.7#

277 23.1 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

