

Data File : BM023279.D
Acq On : 19 Oct 2019 05:08
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Quant Time: Oct 19 05:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 02:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	391582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1502426	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	916867	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1893805	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2051331	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2421562	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	70505	7.92	ng/uL	0.00
5) Phenol-d5	6.83	99	588667	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	341428	17.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	476871	18.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	455572	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	216442	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	227858	23.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	481856	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	595764	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1305816	18.58	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1579955	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	227310	19.98	ng/ul	0.00
58) Fluorene-d10	15.29	176	1137275	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	169940	22.63	ng/ul	0.00
71) Anthracene-d10	17.14	188	1766125	19.34	ng/ul	0.00
79) Pyrene-d10	19.44	212	1980407	19.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2381237	19.40	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.20	88	75413	8.110	ng/uL# 79
4) Benzaldehyde	6.80	77	421776	18.821	ng/ul 95
6) Phenol	6.85	94	614725	17.479	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.08	93	470708	18.150	ng/ul 98
10) 2-Chlorophenol	7.22	128	501631	18.388	ng/ul 98
11) 2-Methylphenol	8.09	108	450631	16.714	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	666402	17.603	ng/ul 99
14) Acetophenone	8.47	105	719459	16.847	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	372458	15.789	ng/ul# 97
16) 4-Methylphenol	8.42	108	492031	16.783	ng/ul 99
17) Hexachloroethane	8.73	117	211200	19.476	ng/ul 98
20) Nitrobenzene	8.84	77	548101	20.181	ng/ul 96
21) Isophorone	9.37	82	990577	16.956	ng/ul 99
23) 2-Nitrophenol	9.55	139	254090	22.809	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	544921	18.403	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.86	93	610696	18.823	ng/ul 97
27) 2,4-Dichlorophenol	10.08	162	472955	19.665	ng/ul 98
28) Naphthalene	10.48	128	1532899	19.740	ng/ul 98
30) 4-Chloroaniline	10.59	127	612339	19.764	ng/ul 97
31) Hexachlorobutadiene	10.78	225	328132	20.253	ng/ul 99
32) Caprolactam	11.36	113	136781	15.839	ng/ul 90
33) 4-Chloro-3-methylphenol	11.72	107	486803	17.664	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	1091687	18.892	ng/ul 99

Data File : BM023279.D
Acq On : 19 Oct 2019 05:08
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Quant Time: Oct 19 05:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 02:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1058551	18.929	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	603364	20.344	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	302128	16.834	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	374284	20.523	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	405541	20.685	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	1412717	20.250	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1103029	20.415	ng/ul	99
43) 2-Nitroaniline	13.37	65	287251	22.687	ng/ul	93
45) Dimethylphthalate	13.76	163	1312968	18.670	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	251609	22.787	ng/ul	97
48) Acenaphthylene	14.02	152	1645367	19.528	ng/ul	100
49) 3-Nitroaniline	14.20	138	251320	21.123	ng/ul#	93
50) Acenaphthene	14.36	153	1151146	19.620	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	110236	21.917	ng/ul	97
53) 4-Nitrophenol	14.51	109	193479	18.883	ng/ul	92
54) Dibenzofuran	14.70	168	1641396	19.707	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	367871	22.777	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.93	232	347660	20.369	ng/ul	98
57) Diethylphthalate	15.14	149	1318059	18.351	ng/ul	100
59) Fluorene	15.35	166	1317265	19.276	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	692608	19.405	ng/ul	99
61) 4-Nitroaniline	15.36	138	290109	20.265	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.43	198	191266	21.756	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	1159074	19.831	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	457905	20.028	ng/ul	98
67) Hexachlorobenzene	16.36	284	536649	20.697	ng/ul	99
68) Atrazine	16.52	200	407803	18.230	ng/ul	99
69) Pentachlorophenol	16.70	266	296182	20.393	ng/ul	97
70) Phenanthrene	17.09	178	2122012	19.966	ng/ul	99
72) Anthracene	17.17	178	2169467	19.753	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	577437	20.997	ng/uL	100
74) Pentachlorobenzene	14.62	250	601123	20.981	ng/uL	99
75) Carbazole	17.44	167	1925459	19.625	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2166239	18.554	ng/ul	99
77) Fluoranthene	19.10	202	2521202	19.946	ng/ul	100
80) Pyrene	19.47	202	2591971	20.170	ng/ul	100
81) Butylbenzylphthalate	20.39	149	992365	22.203	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.16	252	982262	19.767	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2715561	19.537	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1465677	20.623	ng/ul	100
85) Chrysene	21.27	228	2534928	19.641	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	2494719	19.969	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	2956947	20.140	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2696020	19.124	ng/ul	99
91) Benzo(a)pyrene	23.34	252	2738733	19.443	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	3382320	20.184	ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	2835732	20.239	ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	2785097	20.186	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Quantitation Report (Not Reviewed)

Data File : BM023279.D
Acq On : 19 Oct 2019 05:08
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Quant Time: Oct 19 05:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 02:43:46 2019
Response via : Initial Calibration

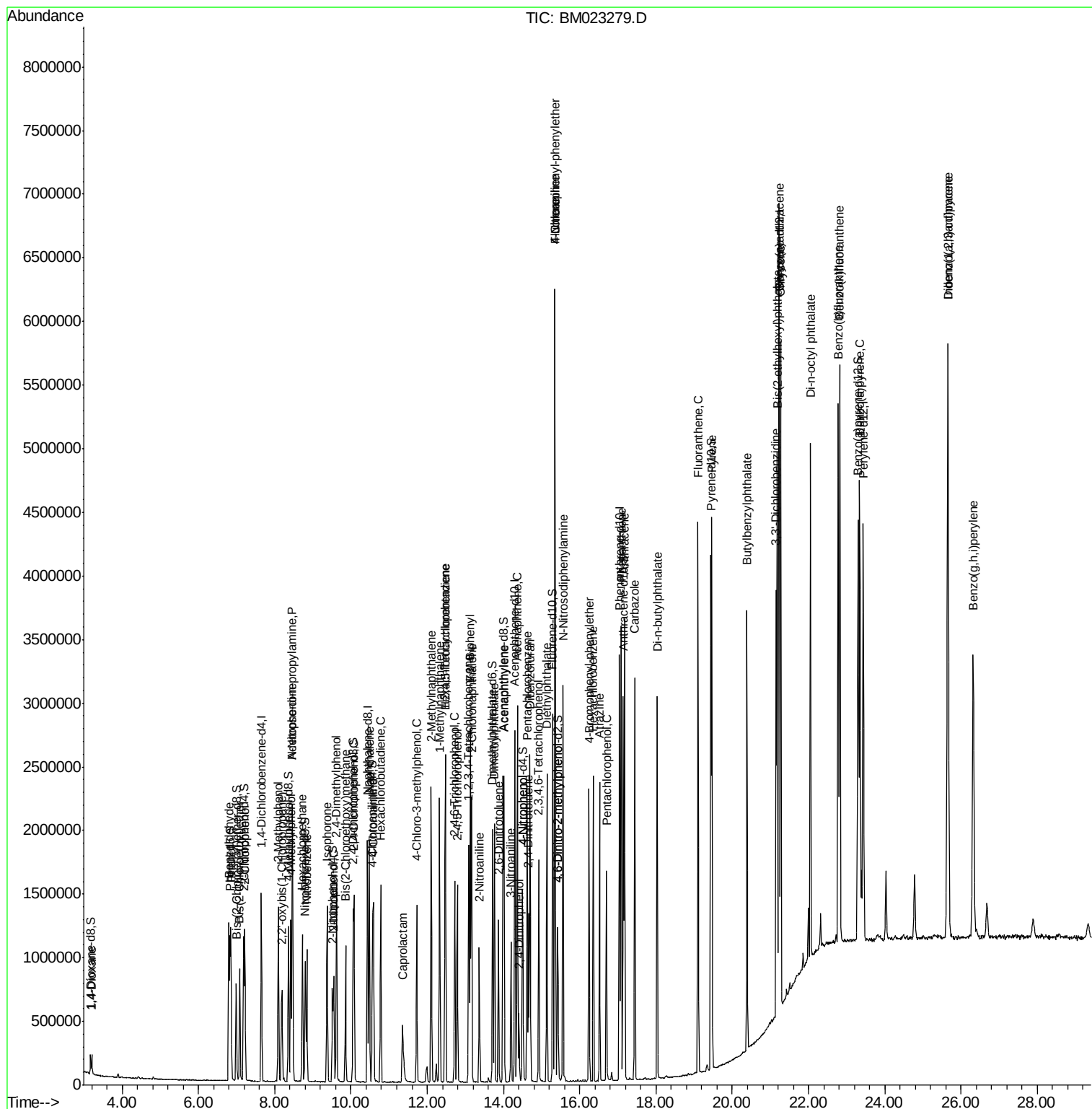
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

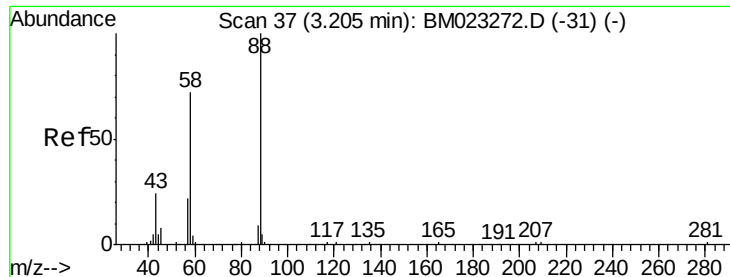
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : BM023279.D
Acq On : 19 Oct 2019 05:08
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Quant Time: Oct 19 05:41:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 02:43:46 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 8.110 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM023279.D

Acq: 19 Oct 2019 05:08

Instrument :

BNA_M

ClientSampleId :

SSTD02019

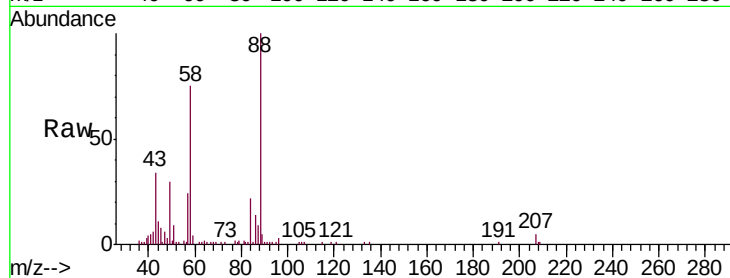
Tgt Ion: 88 Resp: 75413

Ion Ratio Lower Upper

88 100

43 33.6 52.2 78.4#

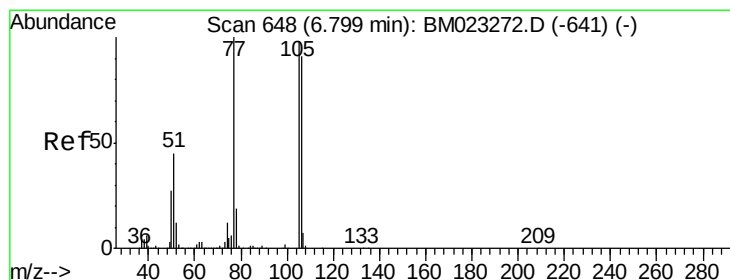
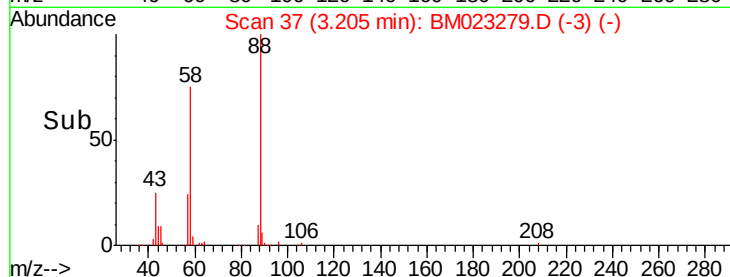
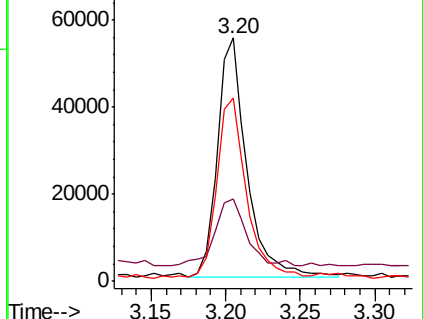
58 75.3 63.8 95.8



Abundance Ion 88.00 (87.70 to 88.70): BM023272.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM023272.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM023272.D (-31) (-)



#4

Benzaldehyde

Concen: 18.821 ng/uL

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM023279.D

Acq: 19 Oct 2019 05:08

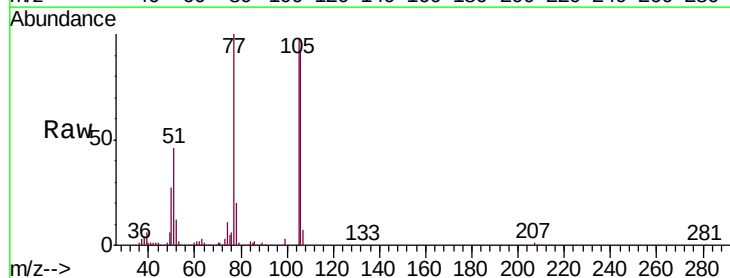
Tgt Ion: 77 Resp: 421776

Ion Ratio Lower Upper

77 100

105 98.2 74.6 111.8

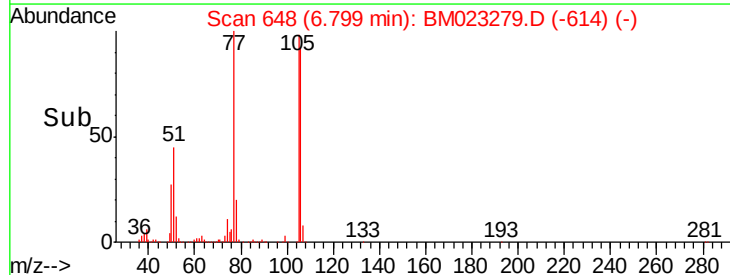
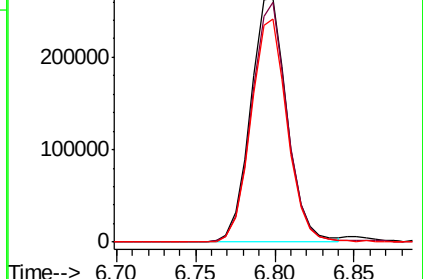
106 91.7 70.2 105.2

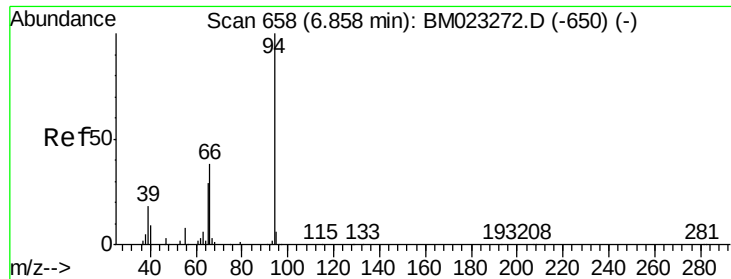


Abundance Ion 77.00 (76.70 to 77.70): BM023272.D (-641) (-)

Ion 105.00 (104.70 to 105.70): BM023272.D (-641) (-)

Ion 106.00 (105.70 to 106.70): BM023272.D (-641) (-)





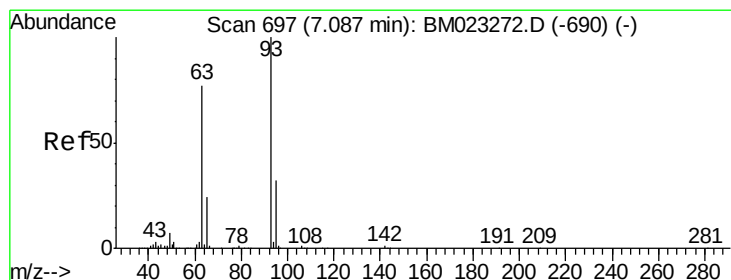
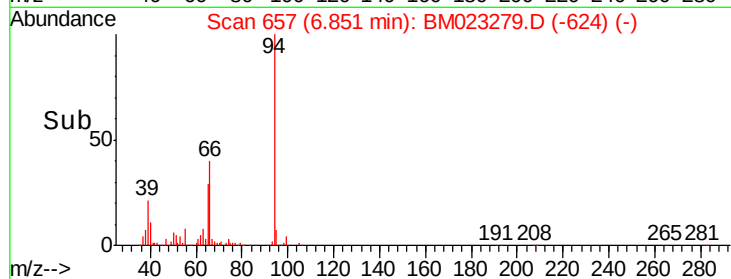
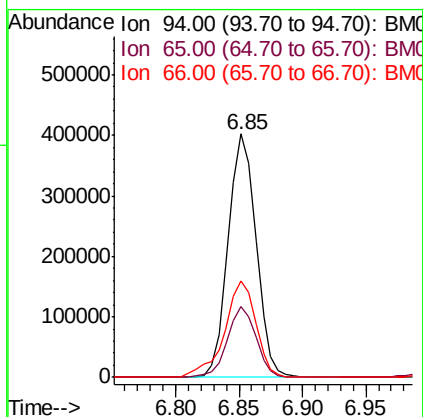
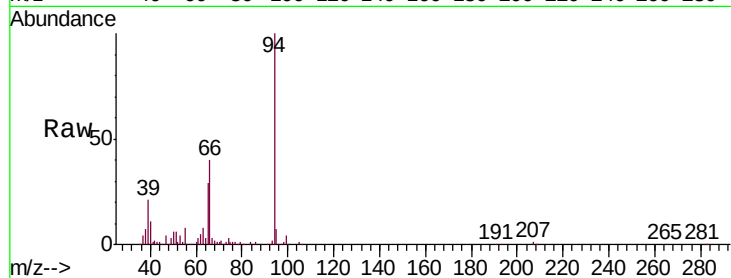
#6

Phenol

Concen: 17.479 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.7	35.5
66	39.6	32.9	49.3

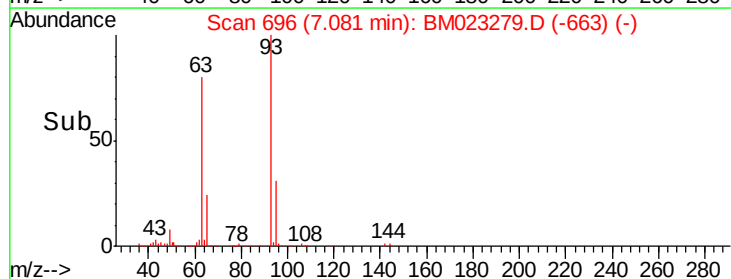
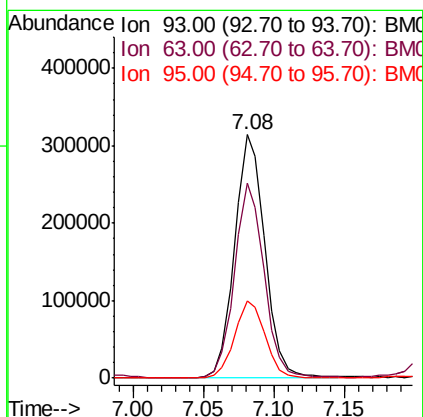
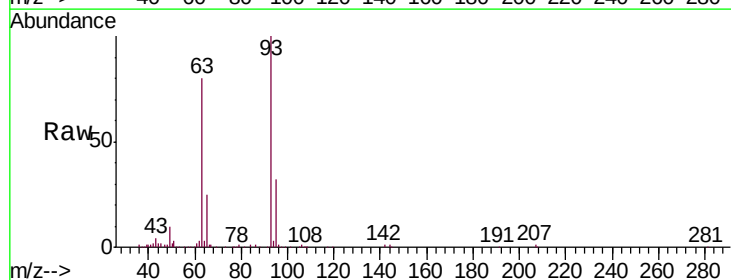


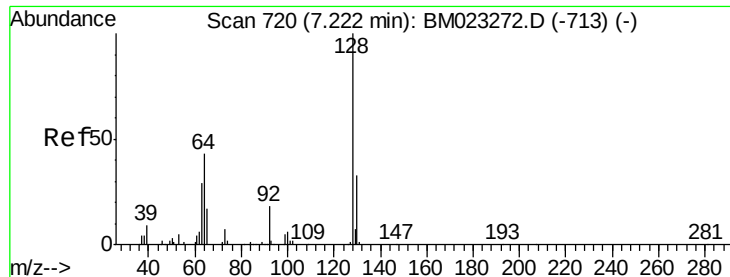
#8

Bis(2-Chloroethyl)ether

Concen: 18.150 ng/ul
 RT: 7.08 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.0	63.0	94.4
95	31.6	26.8	40.2

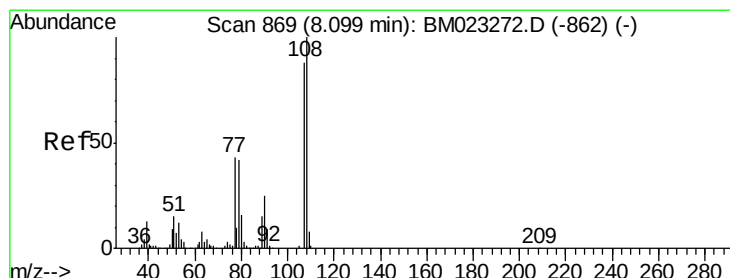
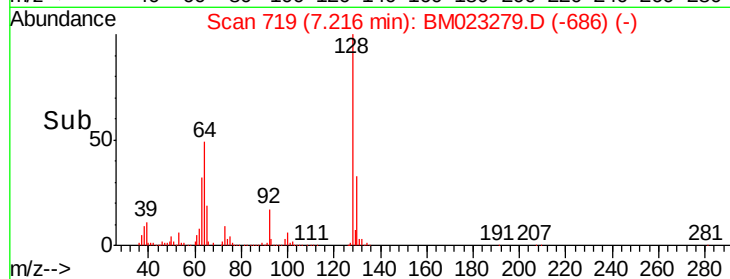
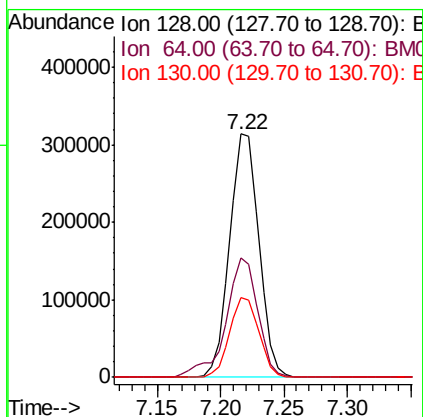
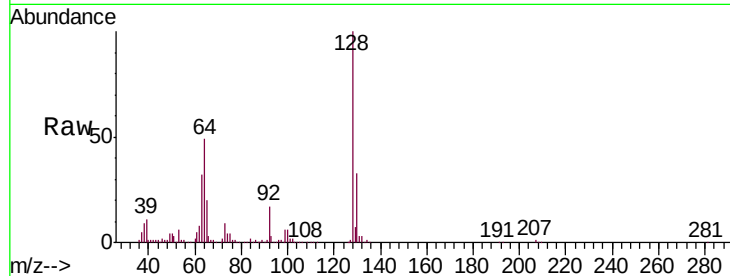




#10
2-Chlorophenol
Concen: 18.388 ng/ul
RT: 7.22 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

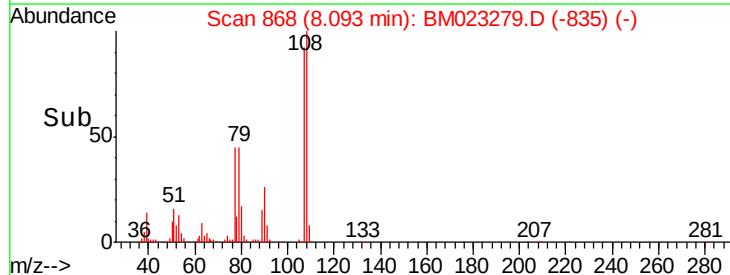
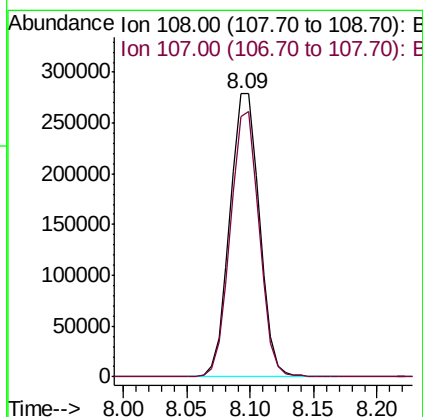
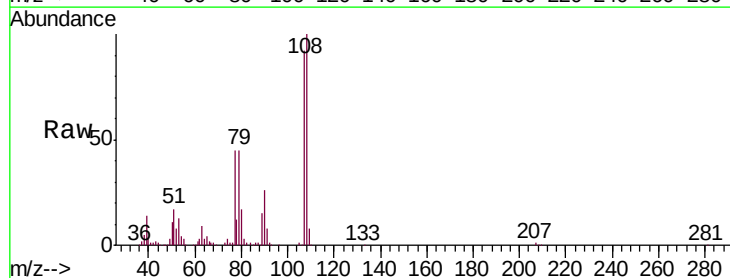
Instrument :
BNA_M
ClientSampleId :
SSTD02019

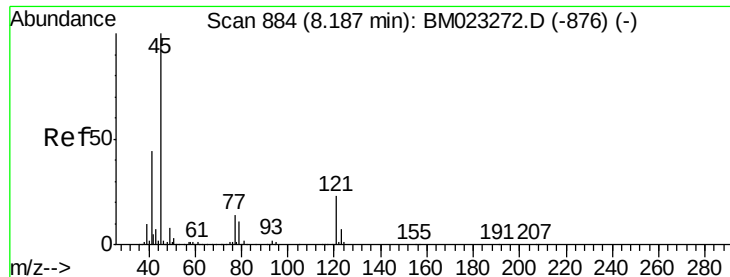
Tgt Ion	Ratio	Lower	Upper
128	100		
64	49.1	40.3	60.5
130	32.7	25.6	38.4



#11
2-Methylphenol
Concen: 16.714 ng/ul
RT: 8.09 min Scan# 868
Delta R.T. -0.01 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.8	72.9	109.3

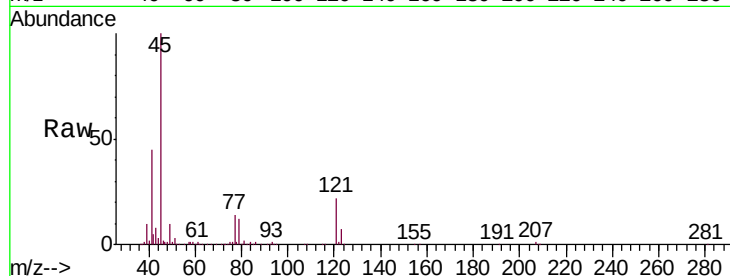




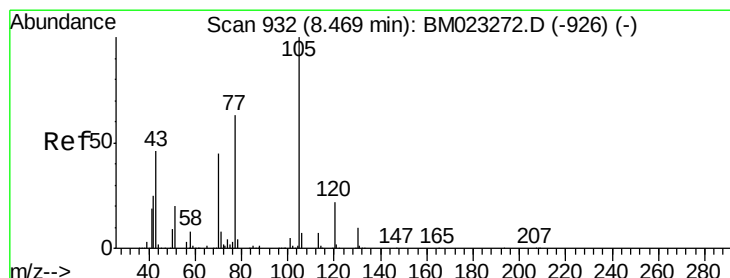
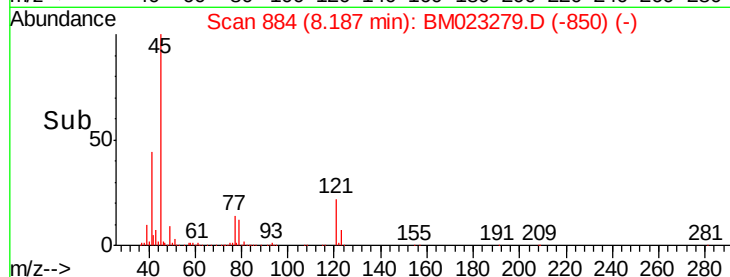
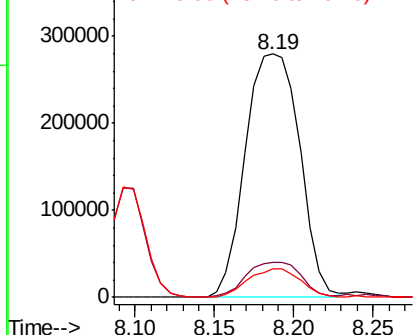
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 17.603 ng/ul
 RT: 8.19 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	12.0	18.0
79	11.8	9.0	13.4

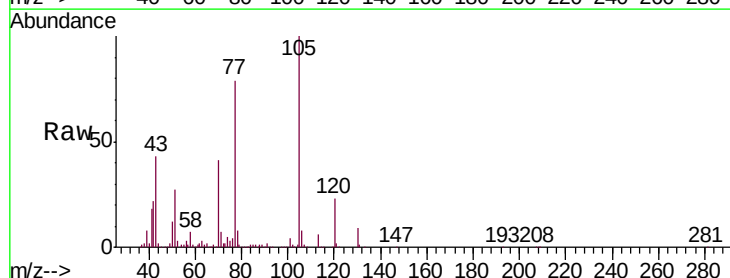


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

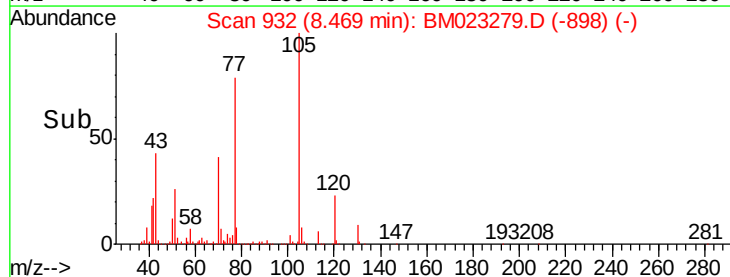
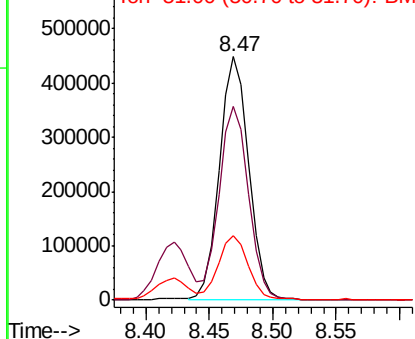


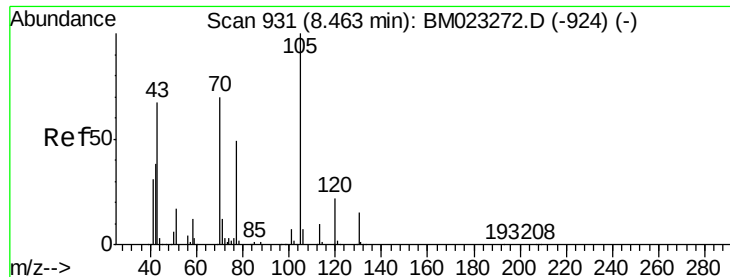
#14
 Acetophenone
 Concen: 16.847 ng/ul
 RT: 8.47 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.4	63.9	95.9
51	26.5	21.6	32.4



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 15.789 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM023279.D

Acq: 19 Oct 2019 05:08

Instrument :

BNA_M

ClientSampleId :

SSTD02019

Tgt Ion: 70 Resp: 372458

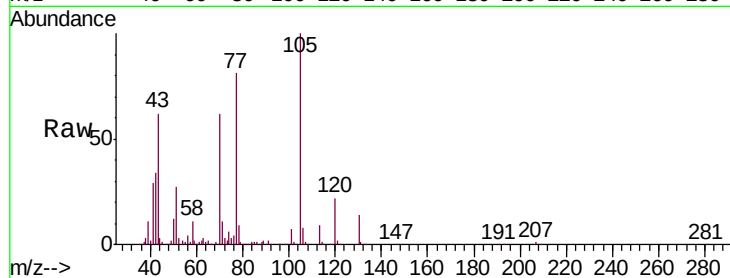
Ion Ratio Lower Upper

70 100

42 55.6 45.4 68.0

101 11.2 7.4 11.0#

130 22.2 15.9 23.9

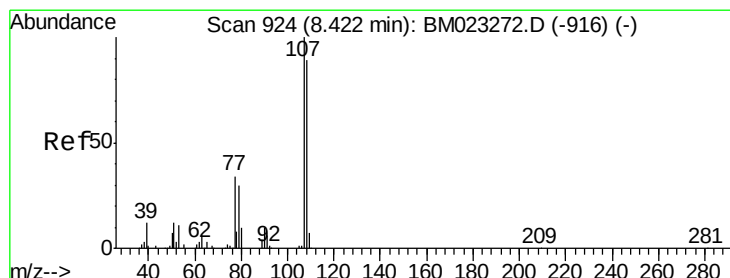
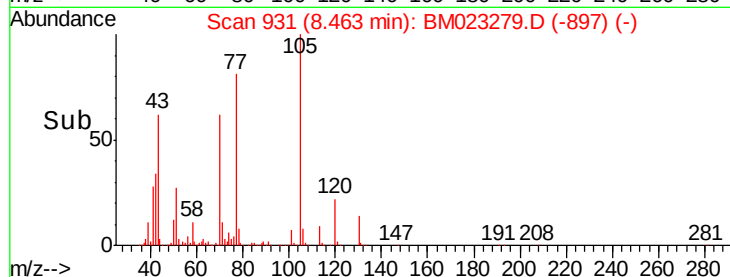
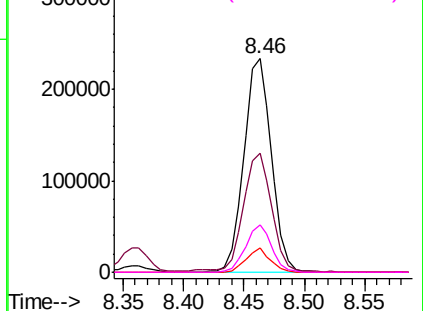


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 16.783 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM023279.D

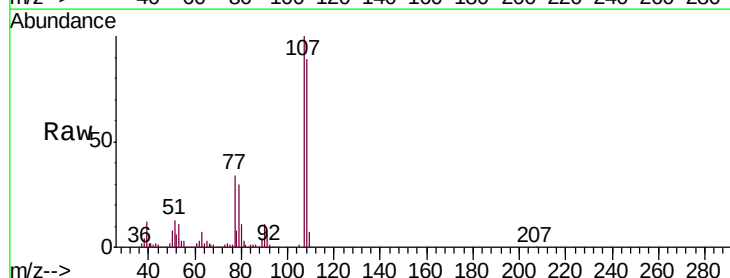
Acq: 19 Oct 2019 05:08

Tgt Ion: 108 Resp: 492031

Ion Ratio Lower Upper

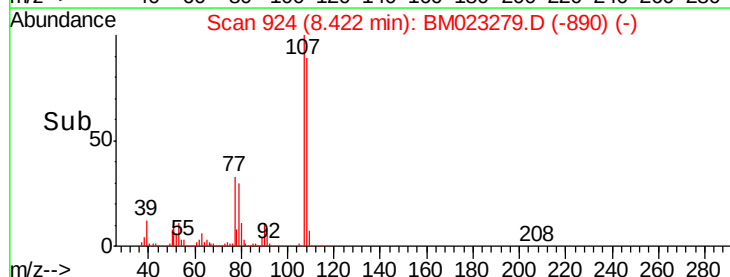
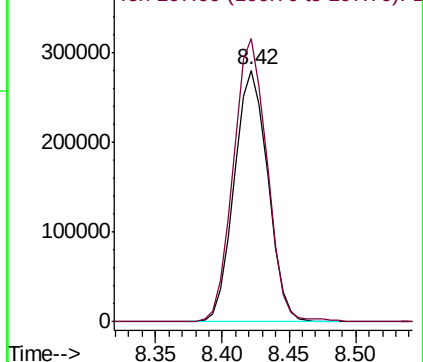
108 100

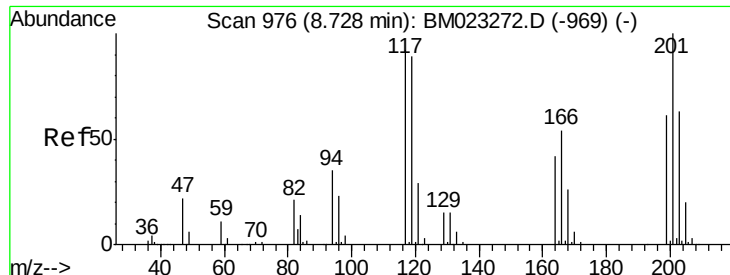
107 112.3 89.3 133.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

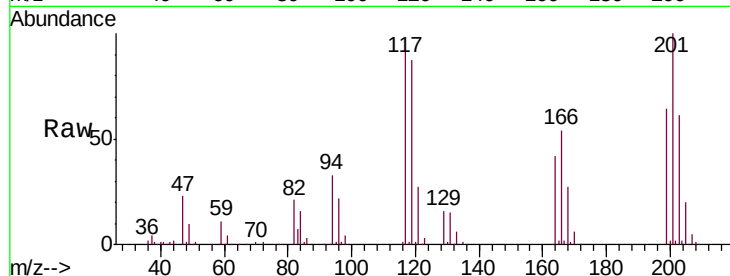




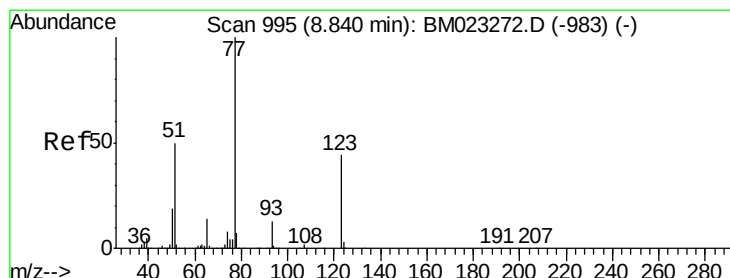
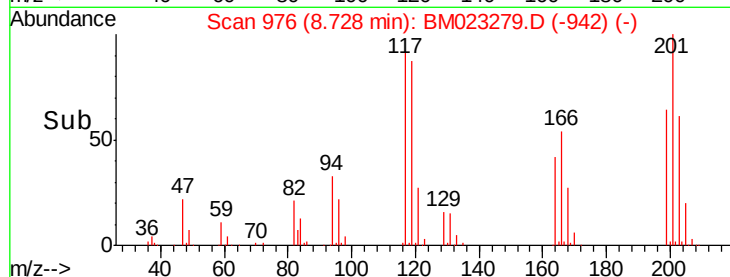
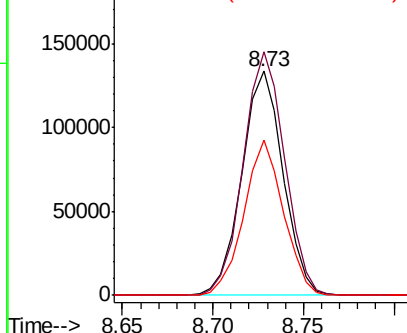
#17
Hexachloroethane
Concen: 19.476 ng/ul
RT: 8.73 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

Instrument :
BNA_M
ClientSampleId :
SSTD02019

Tgt Ion:117 Resp: 211200
Ion Ratio Lower Upper
117 100
201 108.7 89.4 134.2
199 69.1 56.3 84.5

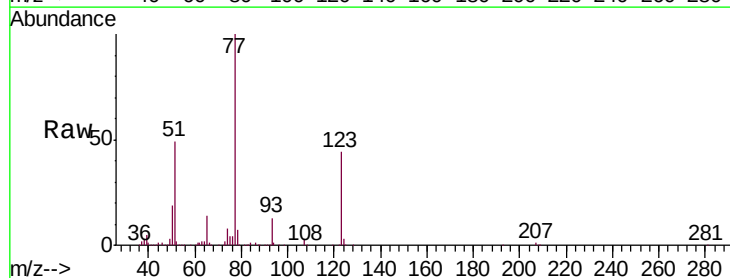


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

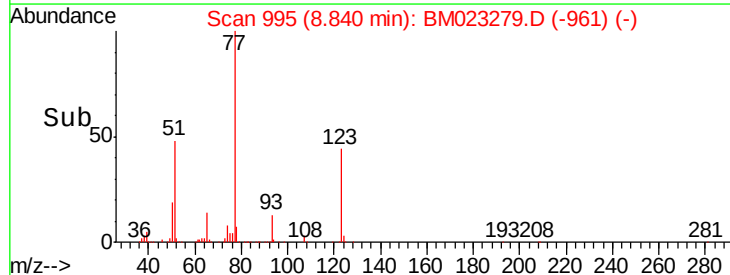
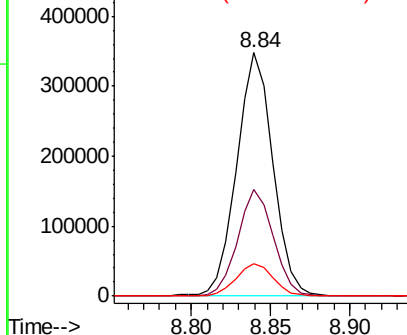


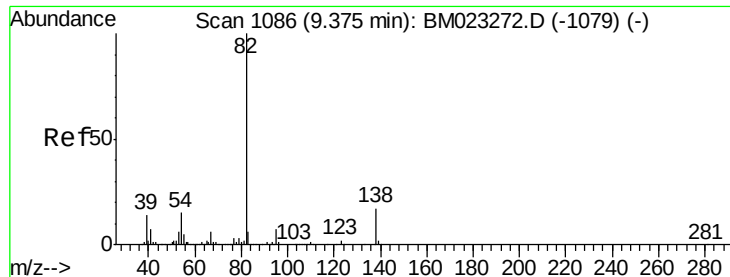
#20
Nitrobenzene
Concen: 20.181 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

Tgt Ion: 77 Resp: 548101
Ion Ratio Lower Upper
77 100
123 44.0 32.7 49.1
65 13.5 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0

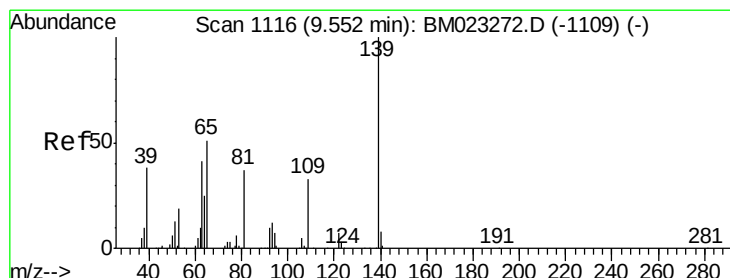
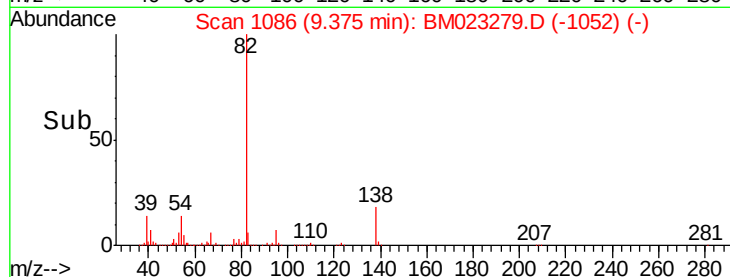
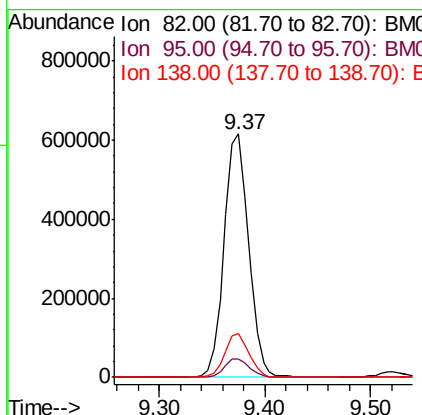
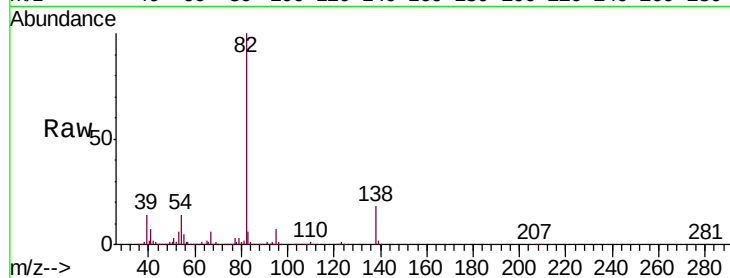




#21
Isophorone
Concen: 16.956 ng/ul
RT: 9.37 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

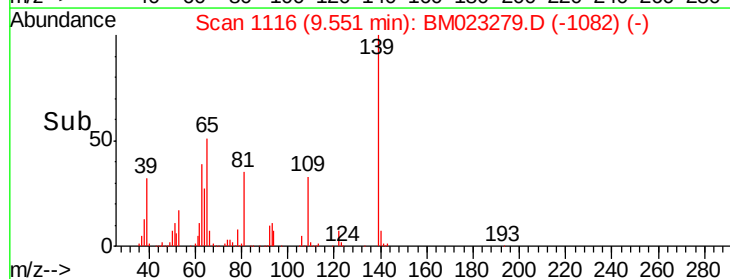
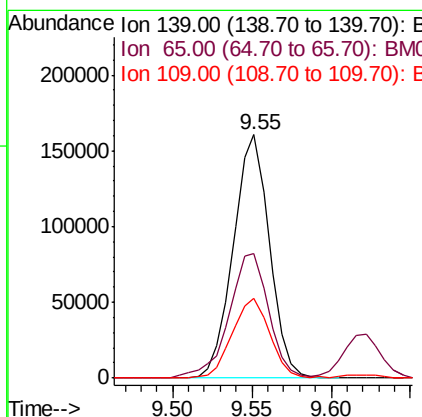
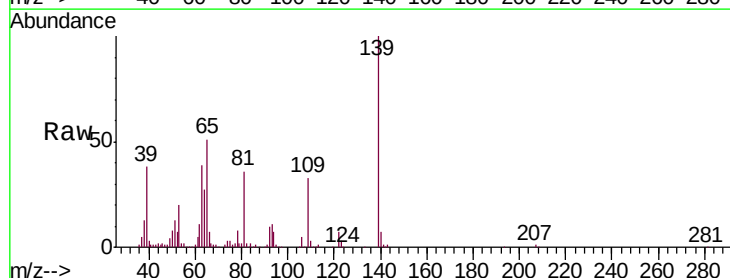
Instrument :
BNA_M
ClientSampleId :
SSTD02019

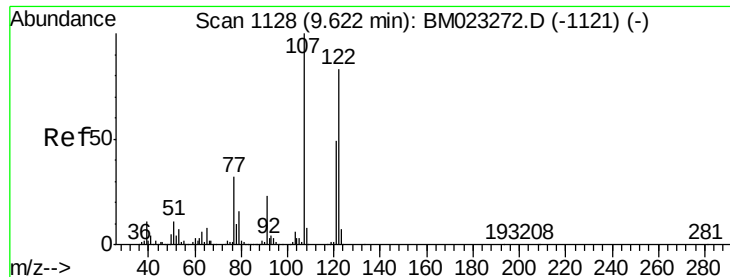
Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.4
138	17.9	13.8	20.8



#23
2-Nitrophenol
Concen: 22.809 ng/ul
RT: 9.55 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM023279.D
Acq: 19 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.2	41.2	61.8
109	32.6	27.7	41.5

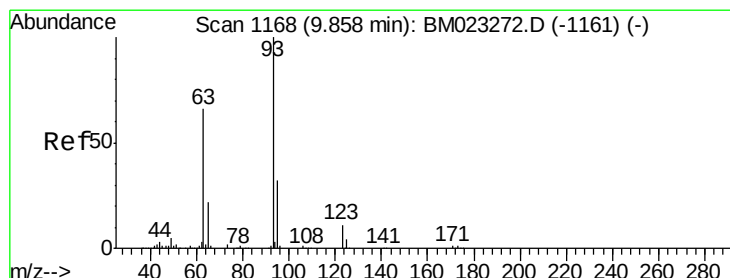
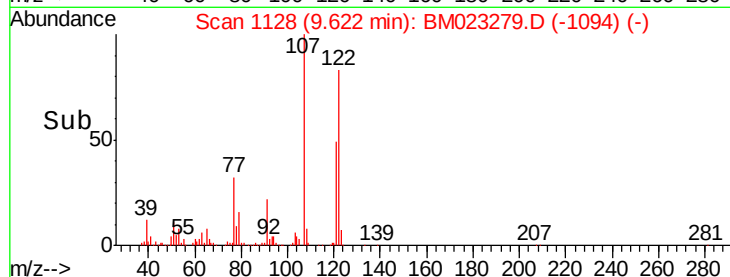
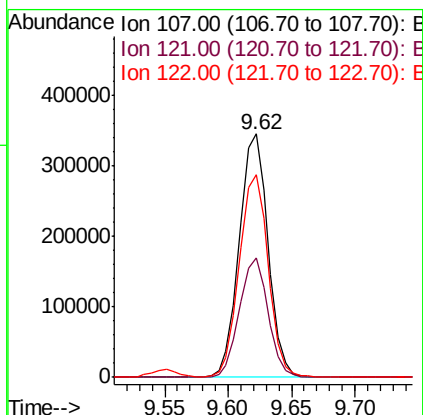
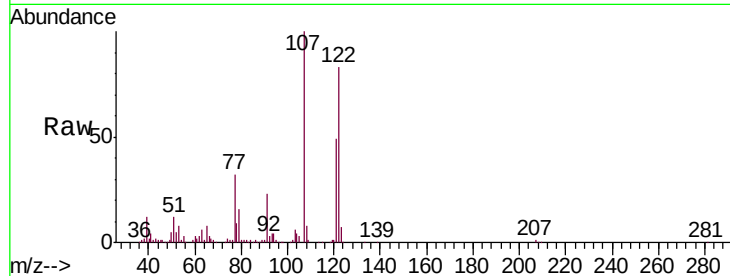




#24
 2,4-Dimethylphenol
 Concen: 18.403 ng/ul
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

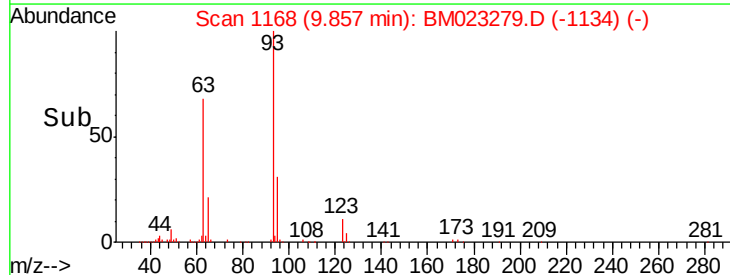
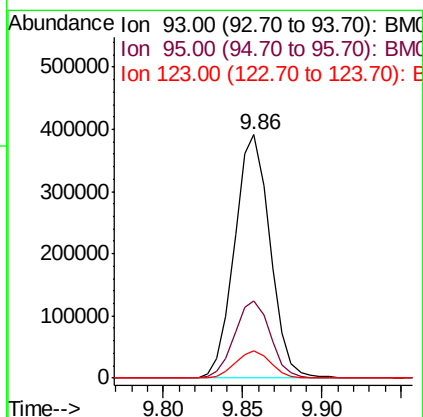
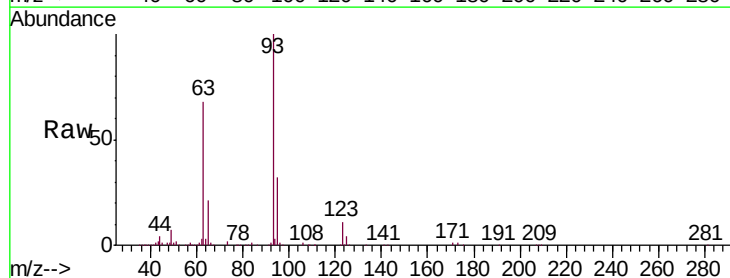
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

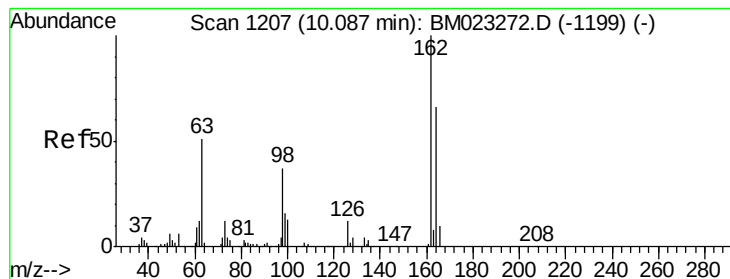
Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.2	39.0	58.4
122	83.2	64.7	97.1



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.823 ng/ul
 RT: 9.86 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BM023279.D
 Acq: 19 Oct 2019 05:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.7	40.1
123	11.0	9.4	14.0





#27

2,4-Dichlorophenol

Concen: 19.665 ng/ul

RT: 10.08 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BM023279.D

Acq: 19 Oct 2019 05:08

Instrument :

BNA_M

ClientSampleId :

SSTD02019

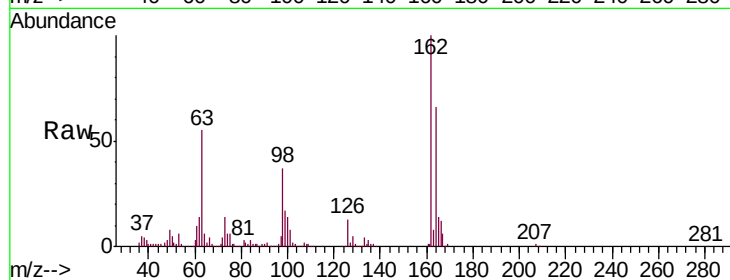
Tgt Ion:162 Resp: 472955

Ion Ratio Lower Upper

162 100

164 66.3 54.2 81.2

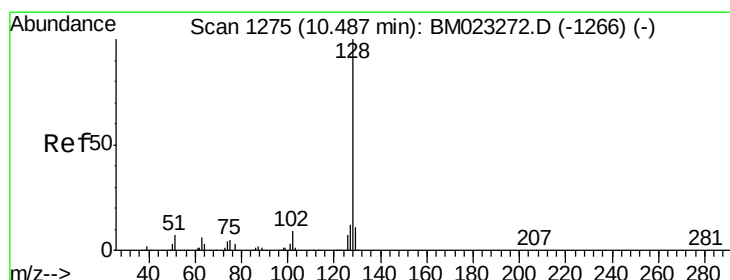
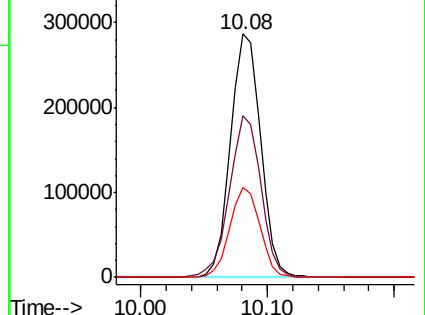
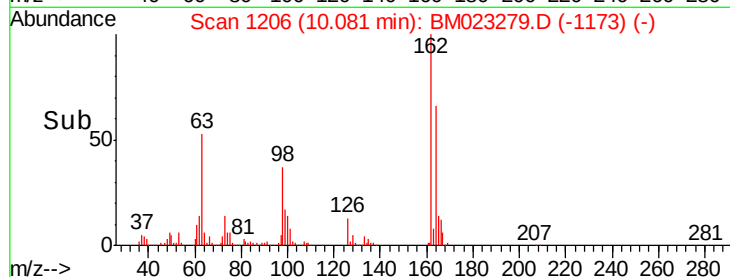
98 37.1 31.3 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.740 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM023279.D

Acq: 19 Oct 2019 05:08

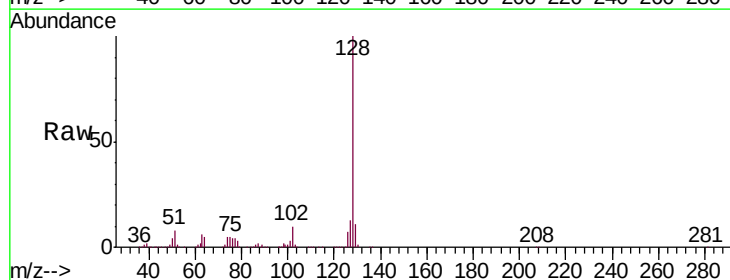
Tgt Ion:128 Resp: 1532899

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

127 13.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

