Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\

Quantitation Report (Not Reviewed)

Data File : BM020558.D
Acq On : 25 May 2019 01:32
Operator : JU/SJ
Sample : PB120010BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120010BL

Quant Time: May 25 05:29:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41060	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	132867	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	113084	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	335036	20.00	ng	0.00
76) Chrysene-d12	21.26	240	480213	20.00	ng	-0.01
87) Perylene-d12	23.50	264	573865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	198955	95.06	ng	0.00
7) Phenol-d6	6.84	99	265109	83.92	ng	0.00
23) Nitrobenzene-d5	8.83	82	265495	83.87	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	194150	85.69	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	707525	78.51	ng	0.00
79) Terphenyl-d14	19.70	244	1914011	72.05	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	703	0.642	ng	# 32
3) Pyridine	3.57	79	216	1.277	ng	# 1
4) n-Nitrosodimethylamine	3.51	42	801	1.031	ng	# 1
9) Benzaldehyde	6.83	77	666	0.330	ng	# 8
15) Benzyl Alcohol	7.97	79	5051	1.728	ng	# 52
24) Nitrobenzene	8.86	77	219	0.070	ng	# 46
25) Isophorone	9.42	82	569	0.097	ng	# 68
81) Benzo(a)anthracene	21.26	228	1327	0.040	ng	# 54
83) Chrysene	21.26	228	1327	0.041	ng	# 52
84) Bis(2-ethylhexyl)phthalate	21.16	149	550	0.036	ng	# 52
85) Di-n-octyl phthalate	22.03	149	112	0.004	ng	# 85
88) Benzo(b)fluoranthene	22.81	252	118	0.003	ng	# 1
89) Benzo(k)fluoranthene	22.87	252	107	0.003	ng	# 1
90) Benzo(a)pyrene	23.40	252	143	0.004	ng	# 1

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

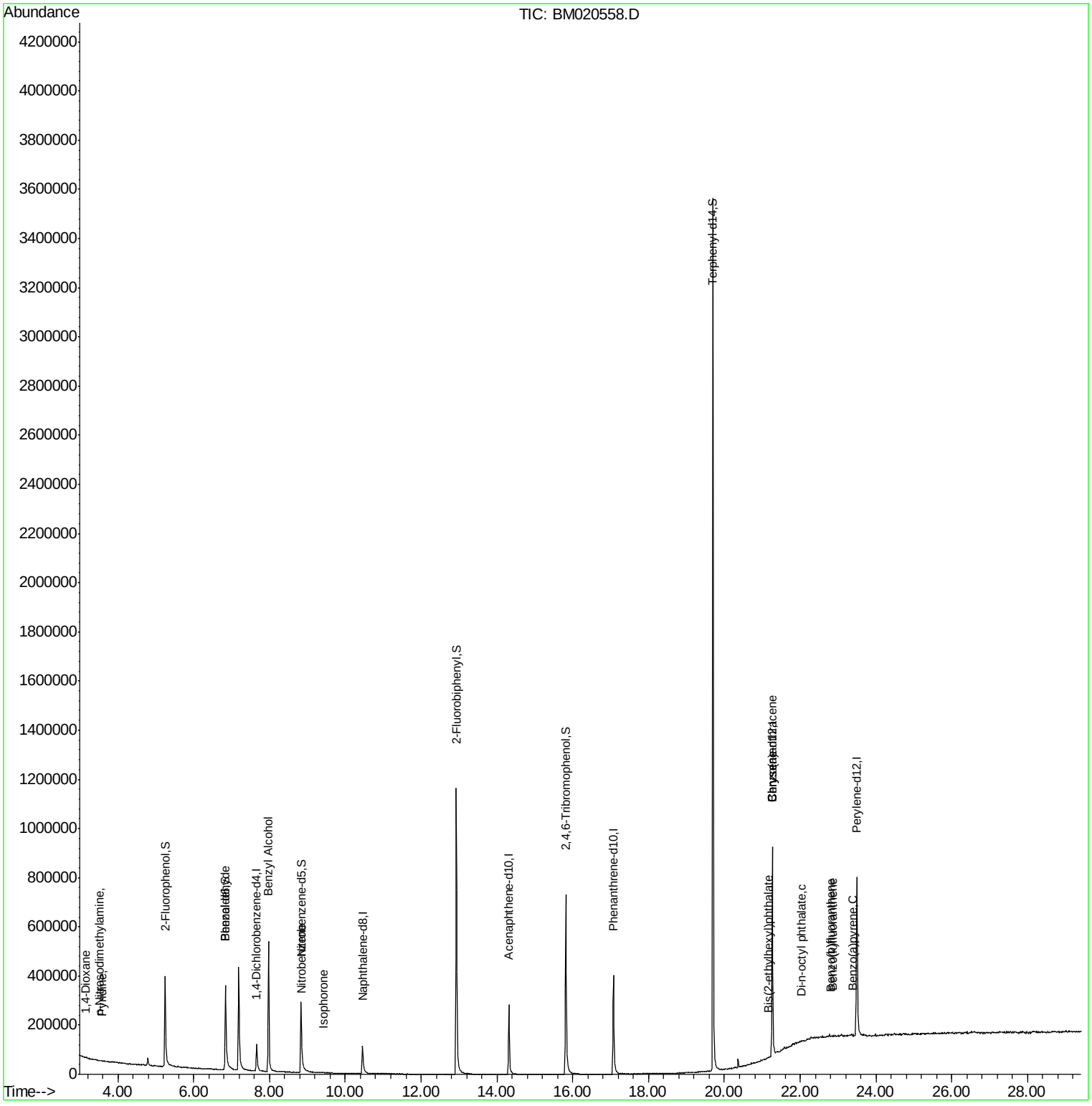
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\

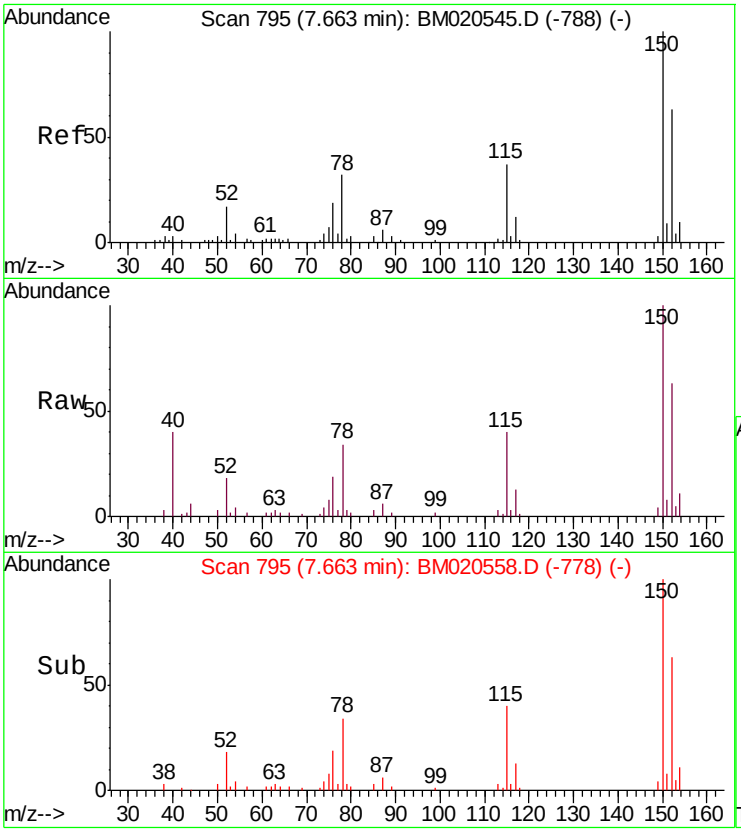
Quantitation Report (Not Reviewed)

Data File : BM020558.D
Acq On : 25 May 2019 01:32
Operator : JU/SJ
Sample : PB120010BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120010BL

Quant Time: May 25 05:29:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration



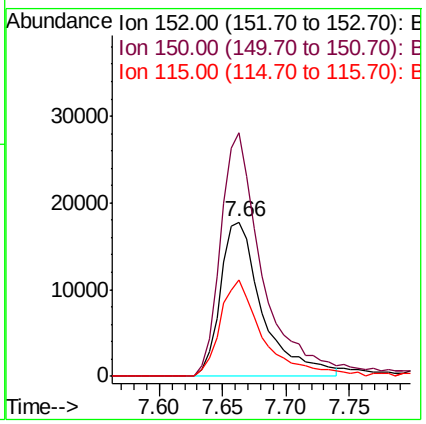


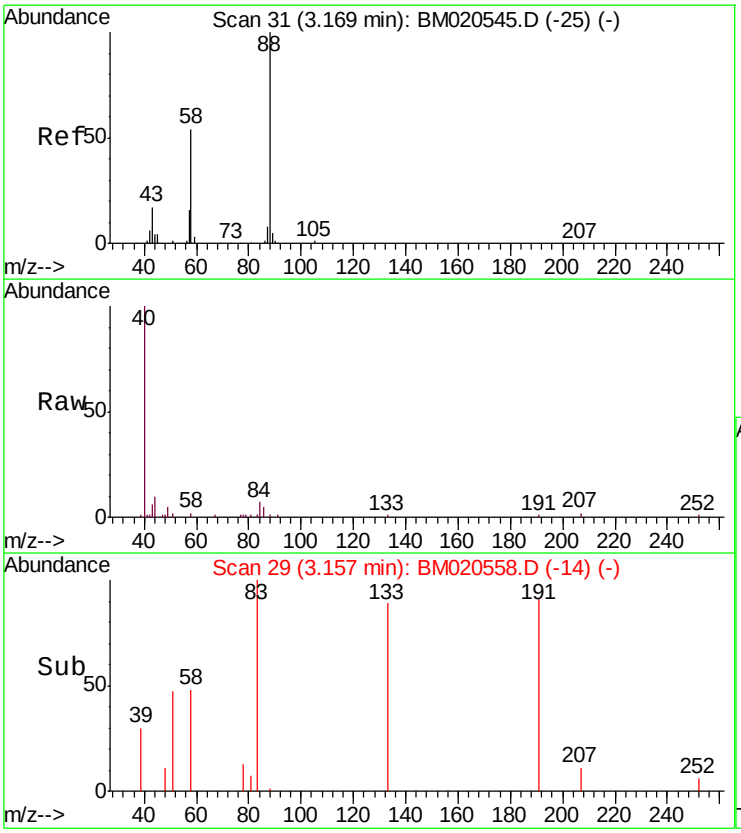
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:152 Resp: 41060

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	190.0
115	62.7	46.6	70.0

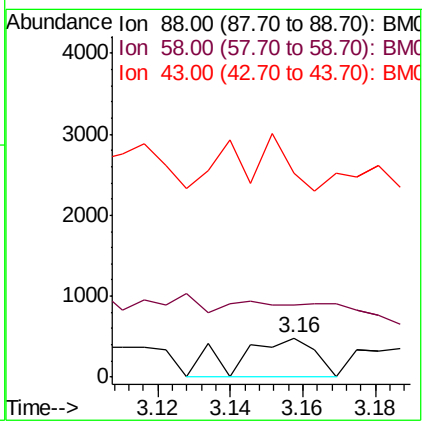


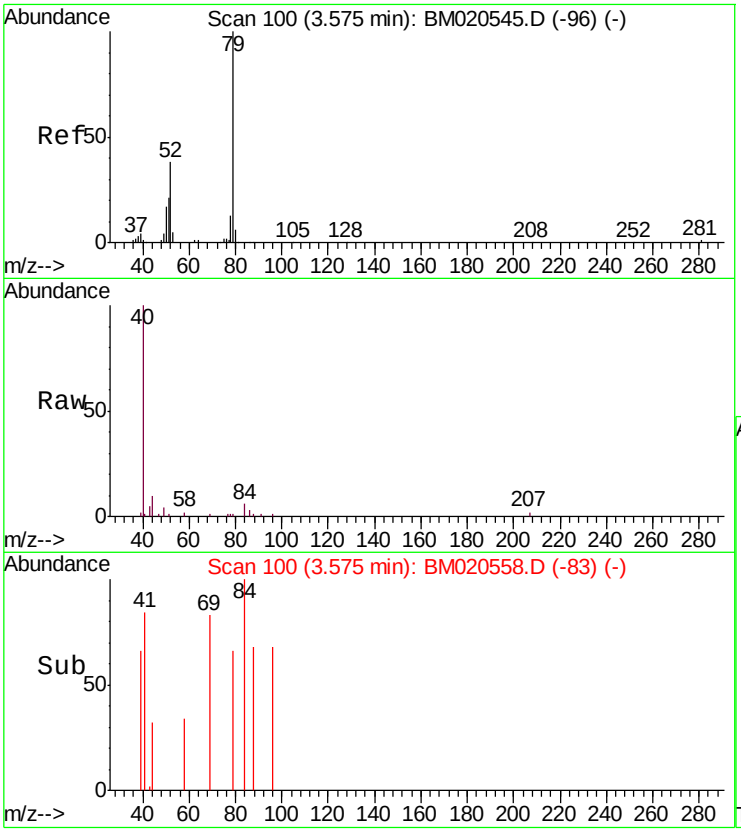


#2
1,4-Dioxane
Concen: 0.642 ng
RT: 3.16 min Scan# 29
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 88 Resp: 703

Ion	Ratio	Lower	Upper
88	100		
58	0.0	42.3	63.5#
43	44.0	16.0	24.0#



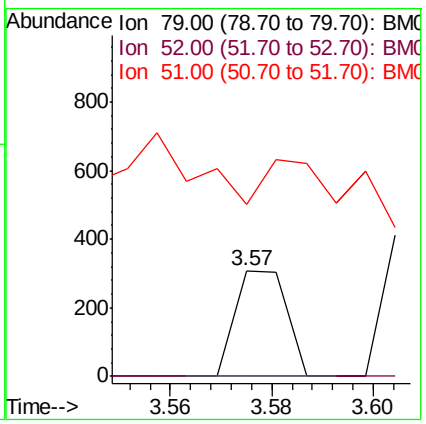


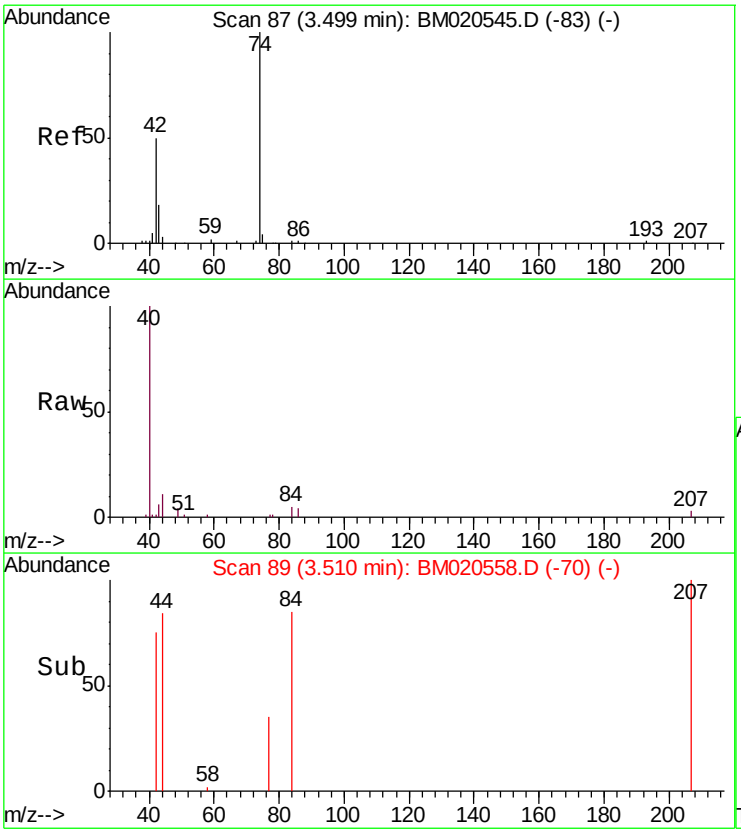
#3
Pyridine
Concen: 1.277 ng
RT: 3.57 min Scan# 100
Delta R.T. 0.00 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion: 79 Resp: 216

Ion	Ratio	Lower	Upper
79	100		
52	0.0	30.1	45.1#
51	162.1	17.8	26.8#

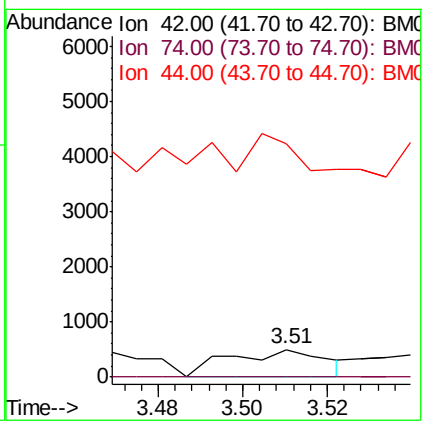


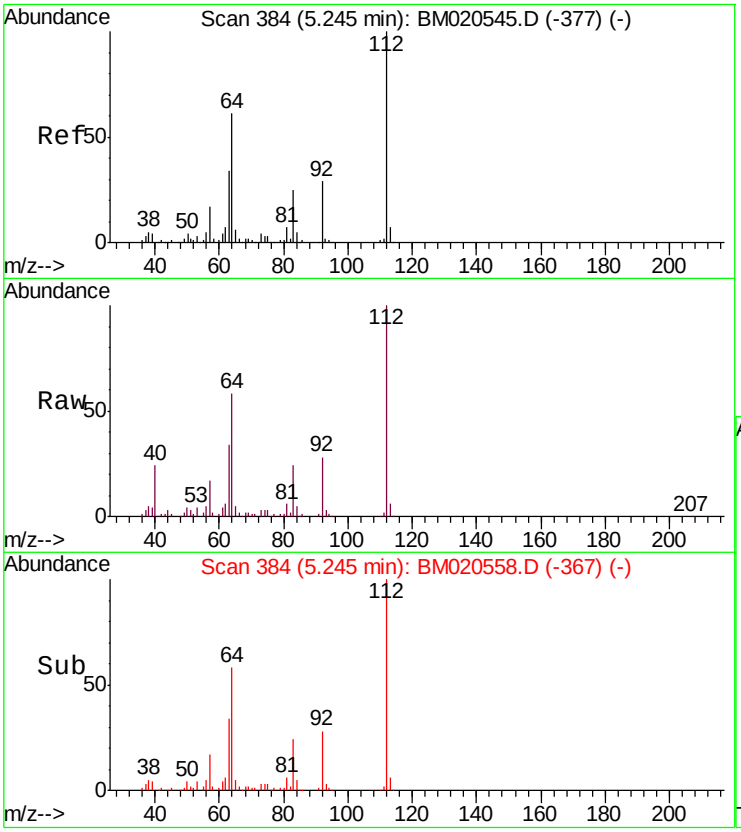


#4
n-Nitrosodimethylamine
Concen: 1.031 ng
RT: 3.51 min Scan# 89
Delta R.T. 0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 42 Resp: 801

Ion	Ratio	Lower	Upper
42	100		
74	0.0	161.1	241.7#
44	851.0	20.9	31.3#



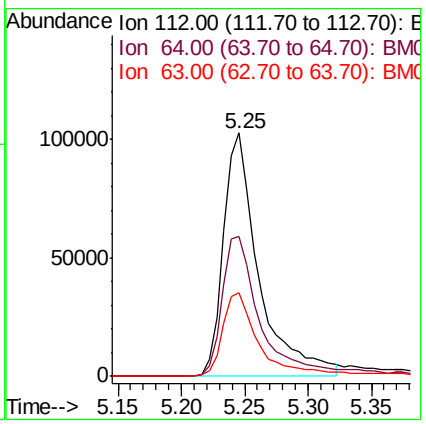


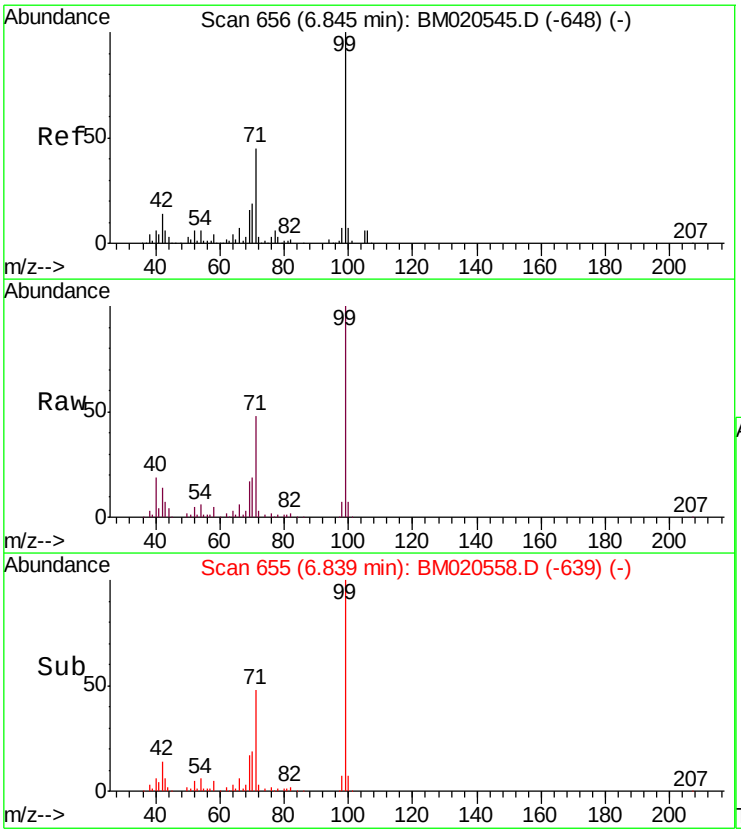
#5
2-Fluorophenol
Concen: 95.059 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:112 Resp: 198955

Ion	Ratio	Lower	Upper
112	100		
64	57.6	48.6	73.0
63	34.5	27.4	41.0

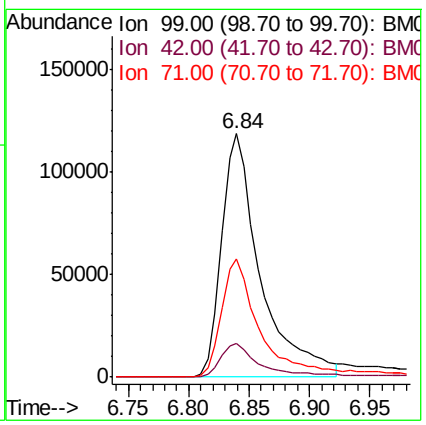


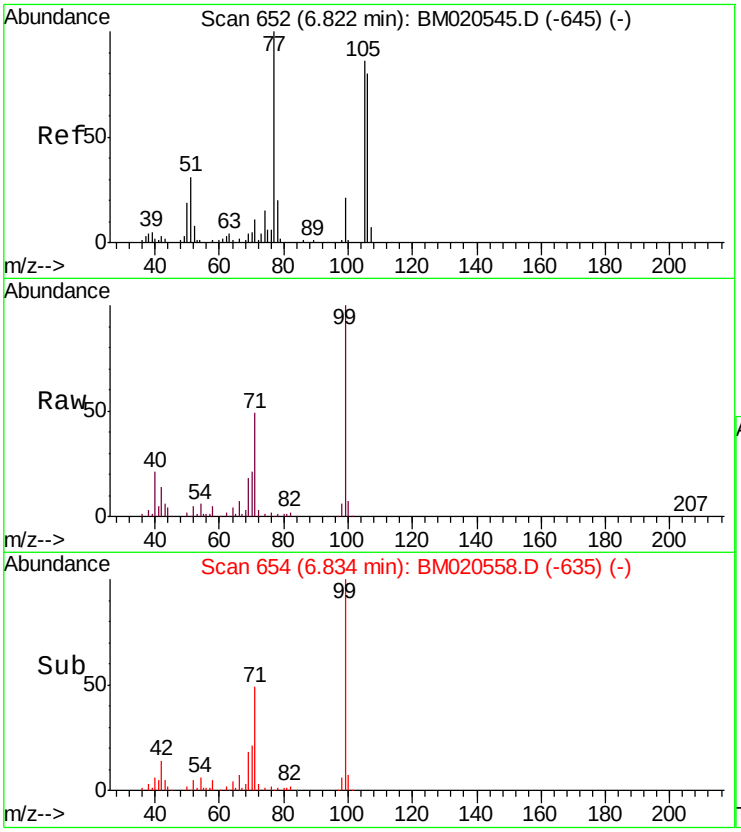


#7
Phenol-d6
Concen: 83.922 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 99 Resp: 265109

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.8	16.2
71	48.3	36.3	54.5



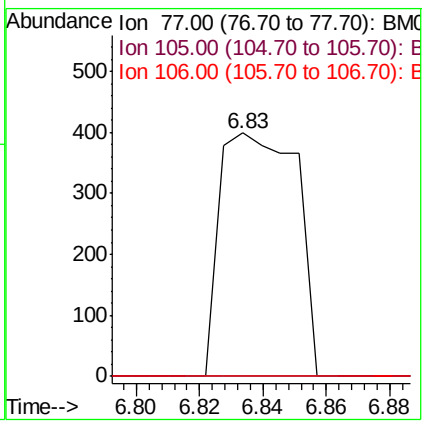


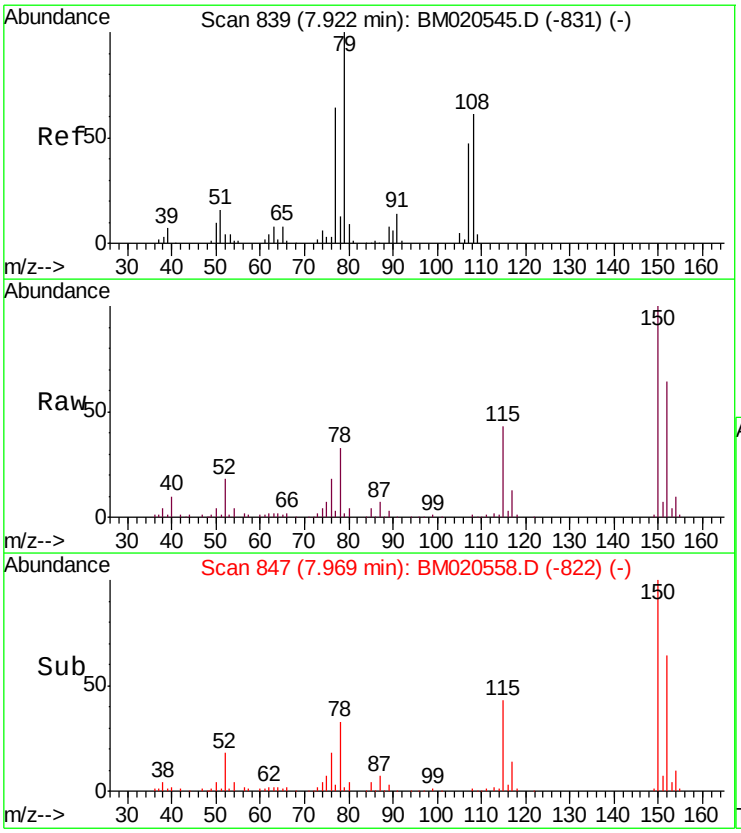
#9
Benzaldehyde
Concen: 0.330 ng
RT: 6.83 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion: 77 Resp: 666

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.1	106.1#
106	0.0	60.0	100.0#

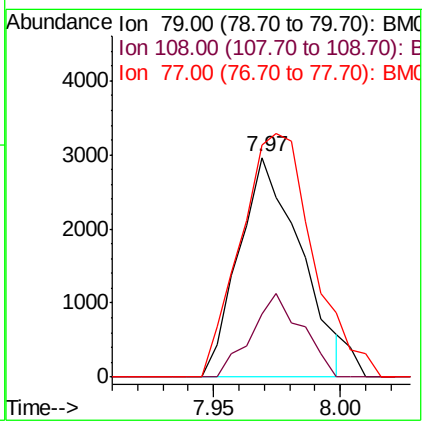


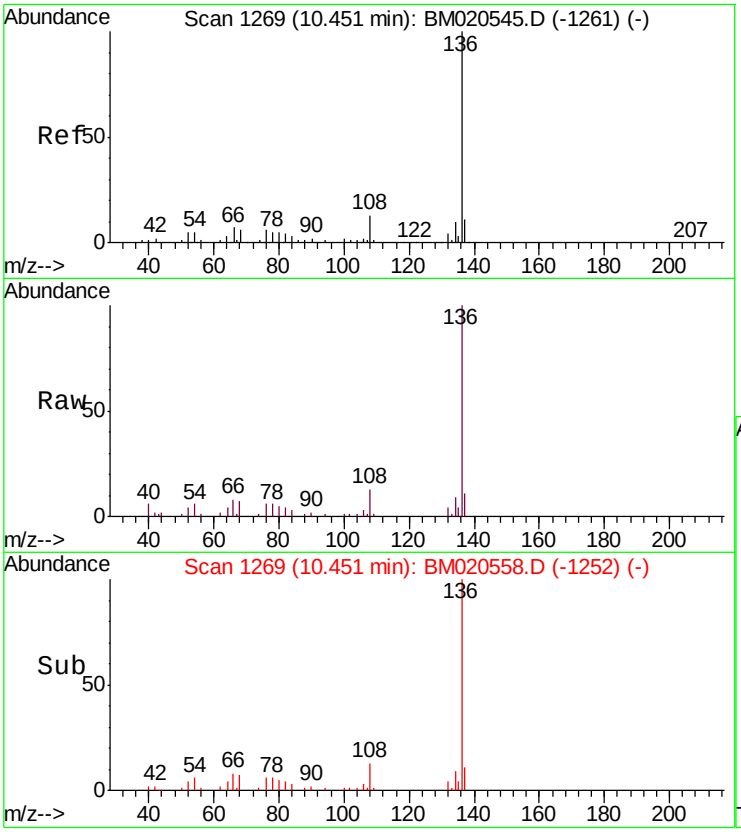


#15
Benzyl Alcohol
Concen: 1.728 ng
RT: 7.97 min Scan# 847
Delta R.T. 0.05 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 79 Resp: 5051

Ion	Ratio	Lower	Upper
79	100		
108	28.6	48.5	72.7#
77	106.0	50.9	76.3#



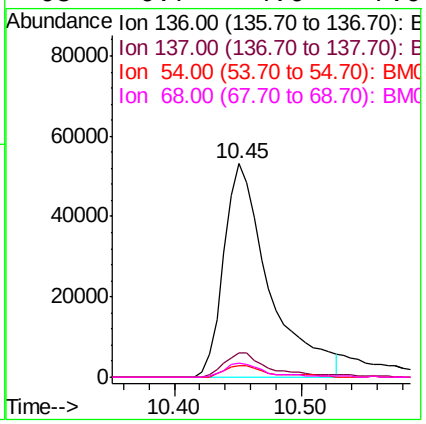


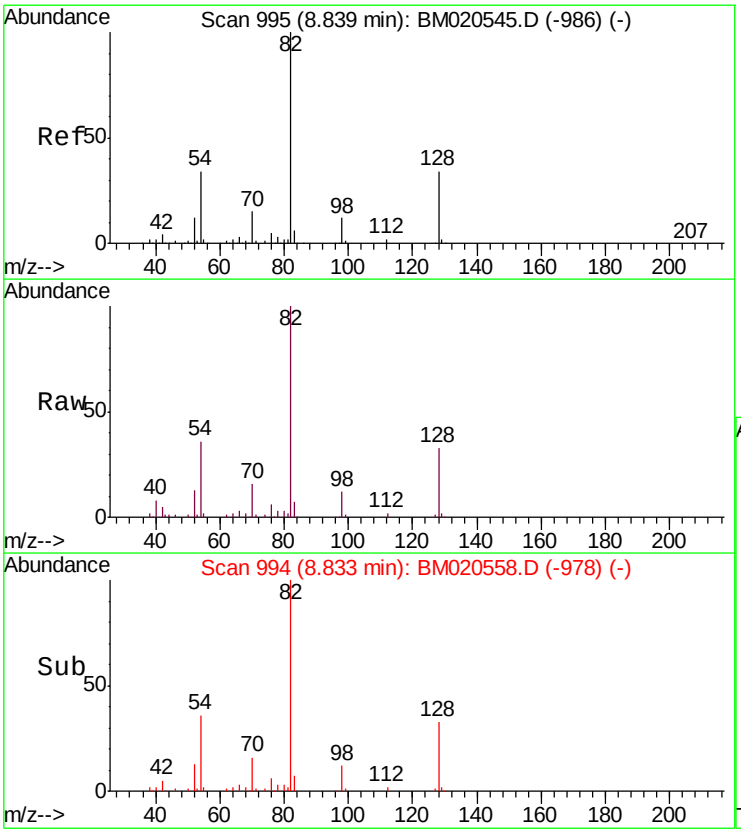
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:136 Resp: 132867

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	5.7	4.2	6.4
68	6.7	4.6	7.0

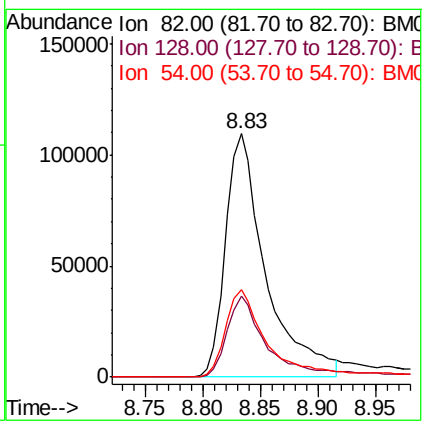


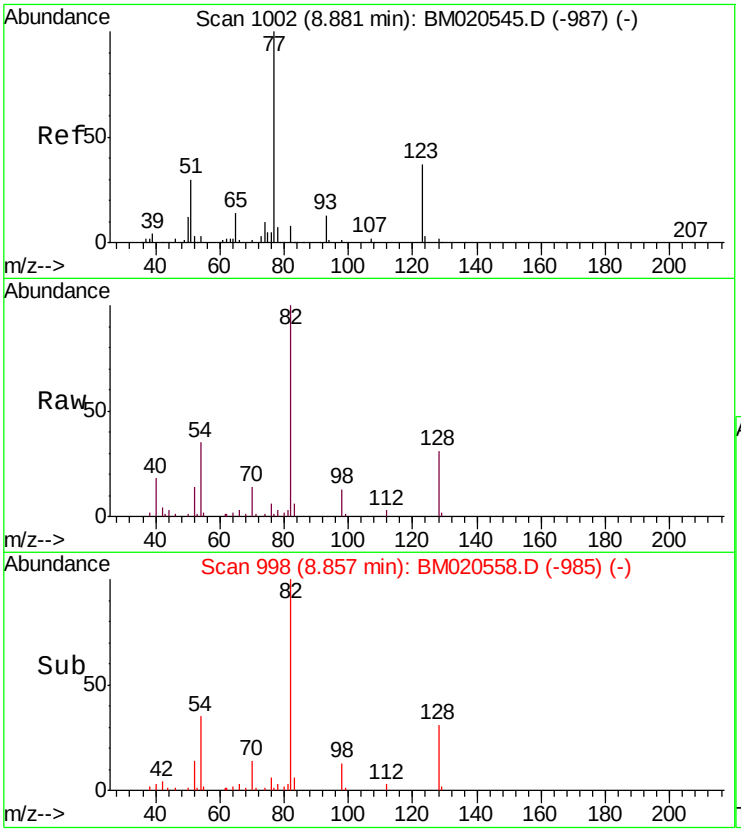


#23
Nitrobenzene-d5
Concen: 83.870 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 82 Resp: 265495

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.0	40.4
54	35.9	27.4	41.2



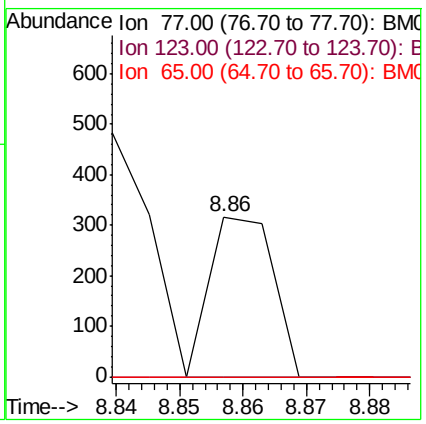


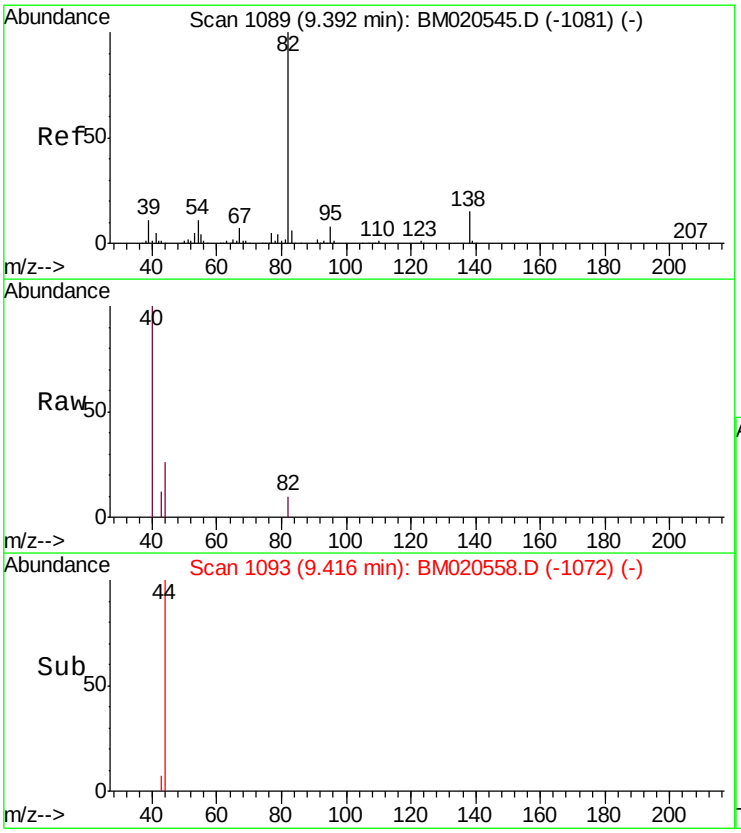
#24
Nitrobenzene
Concen: 0.070 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.02 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion: 77 Resp: 219

Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.4	44.2#
65	0.0	10.8	16.2#

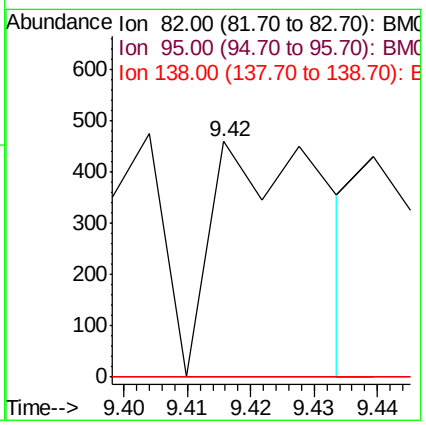


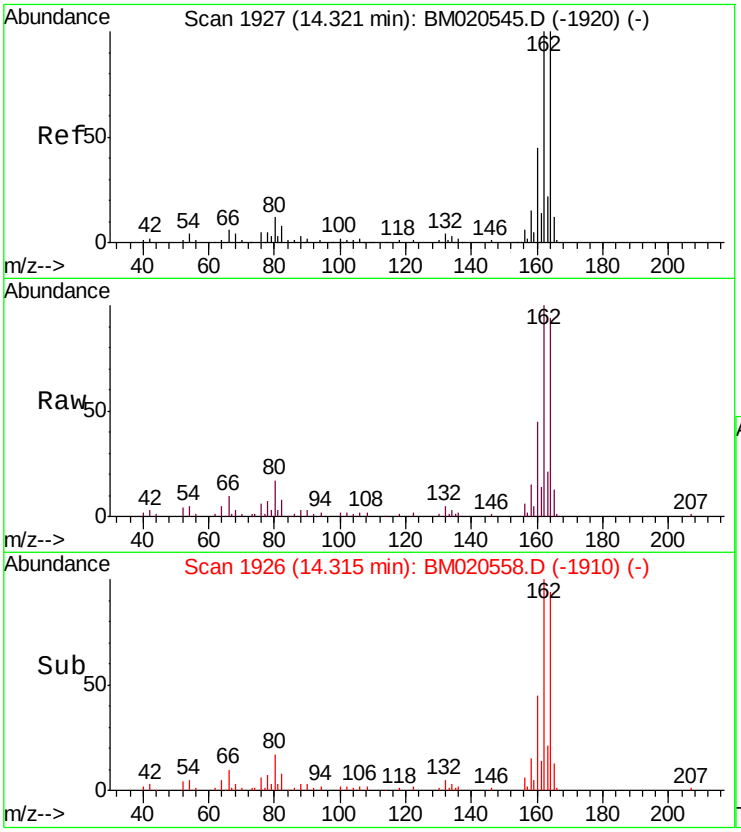


#25
Isophorone
Concen: 0.097 ng
RT: 9.42 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion: 82 Resp: 569

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	12.0	18.0#



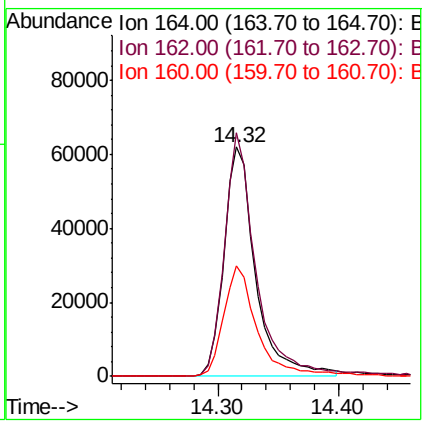


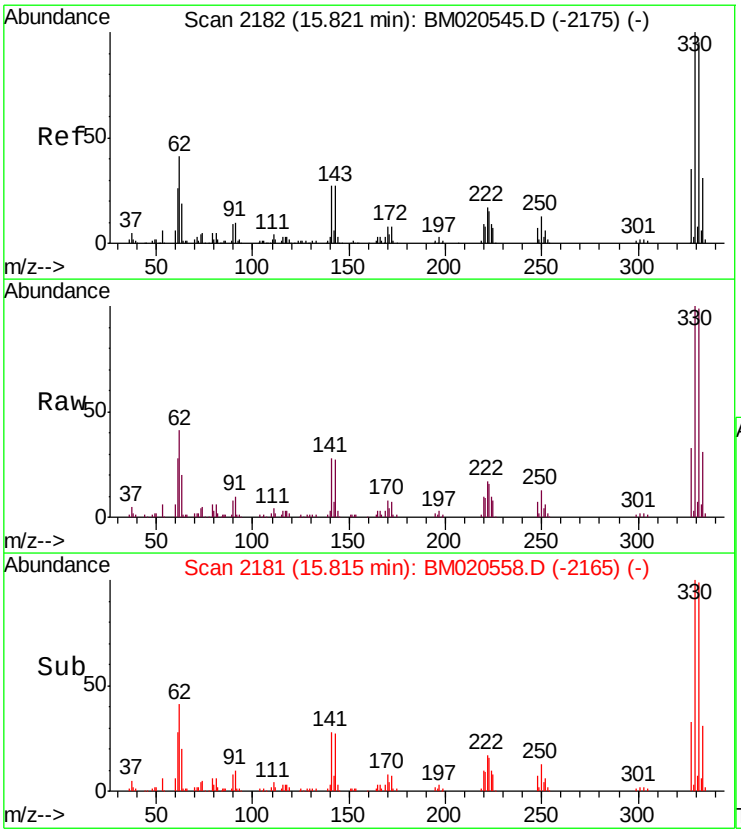
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:164 Resp: 113084

Ion	Ratio	Lower	Upper
164	100		
162	106.3	79.8	119.8
160	48.2	35.9	53.9

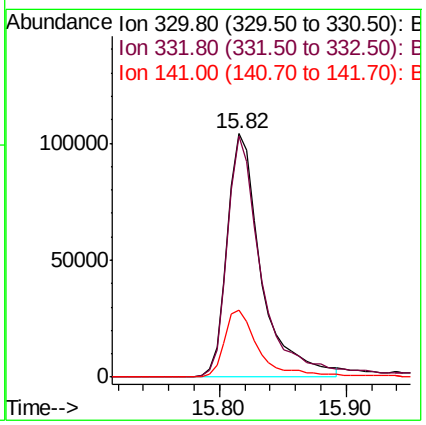


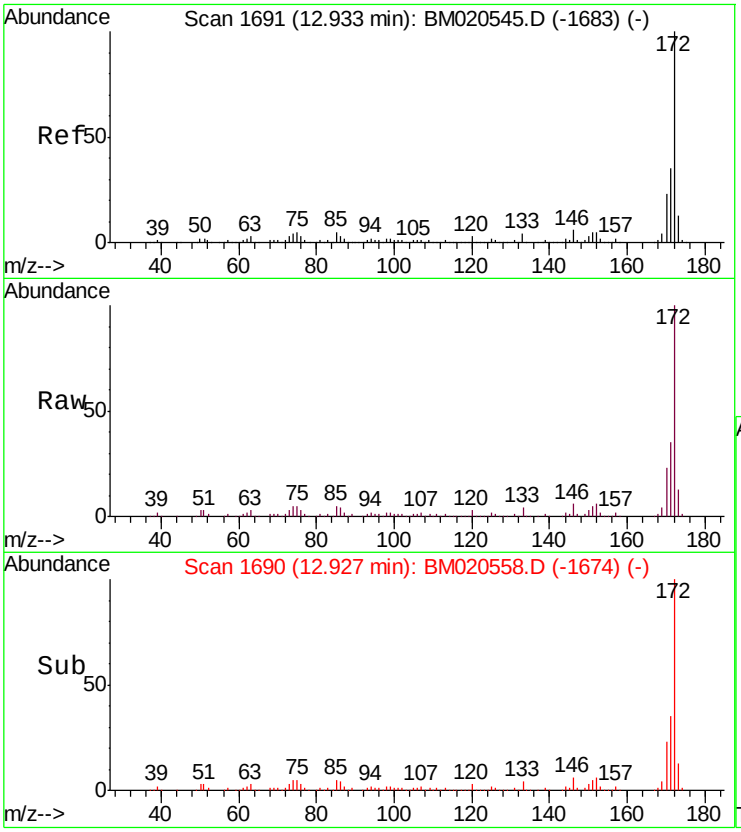


#42
2,4,6-Tribromophenol
Concen: 85.695 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:330 Resp: 194150

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	27.5	21.7	32.5



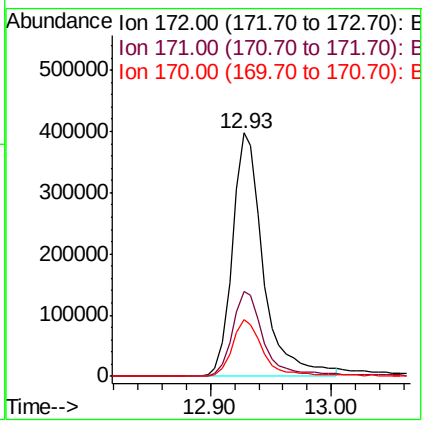


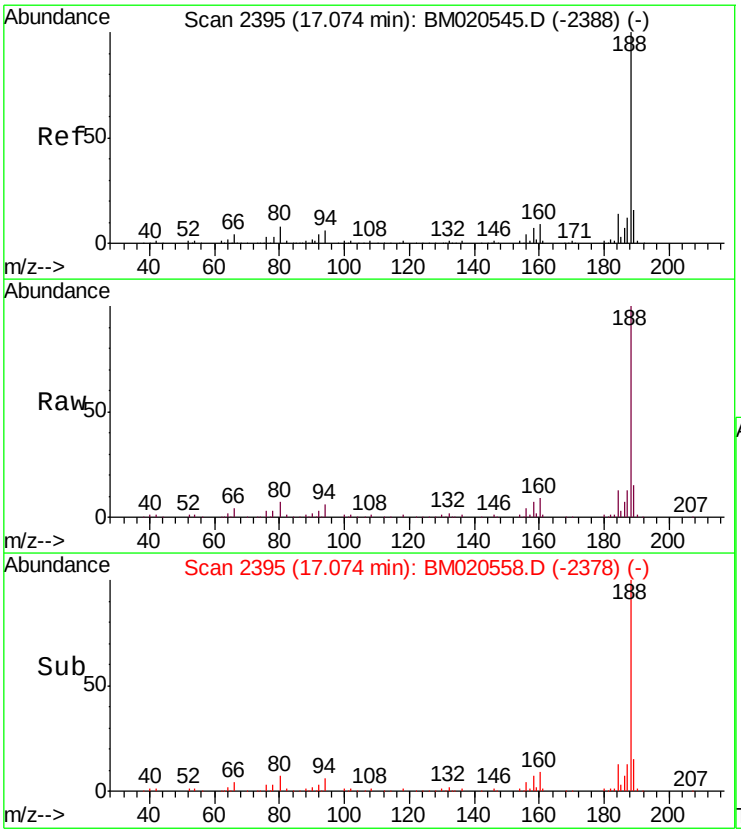
#45
2-Fluorobiphenyl
Concen: 78.509 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:172 Resp: 707525

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.1	18.2	27.4

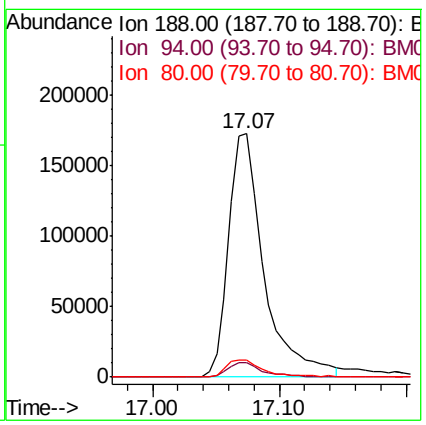


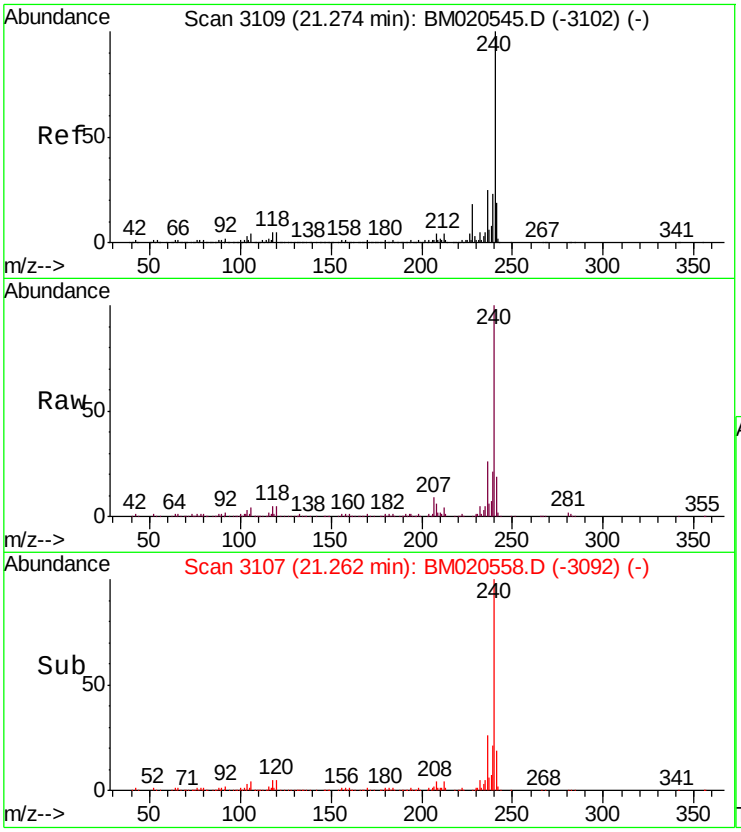


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:188 Resp: 335036

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	7.0	6.5	9.7



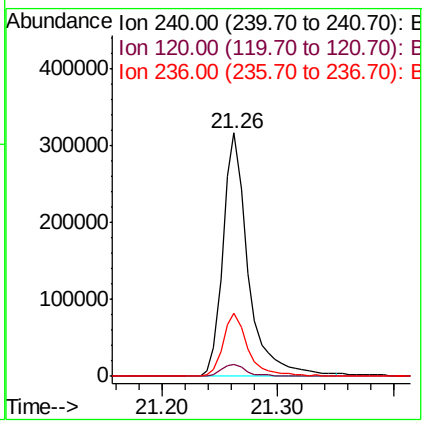


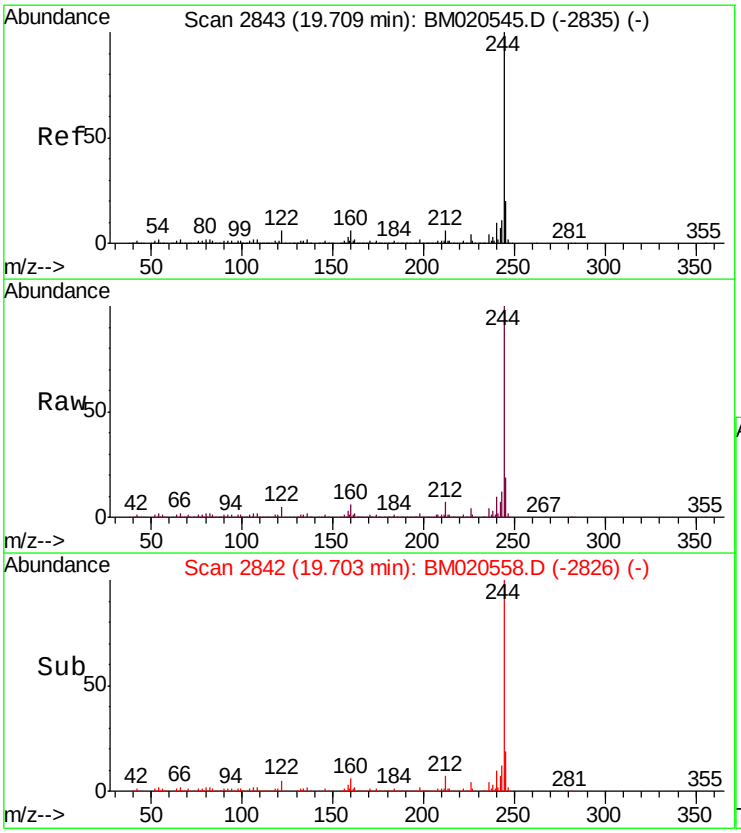
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:240 Resp: 480213

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.1	6.1
236	25.8	20.2	30.4

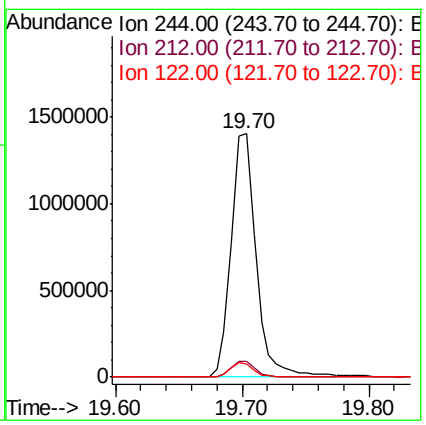


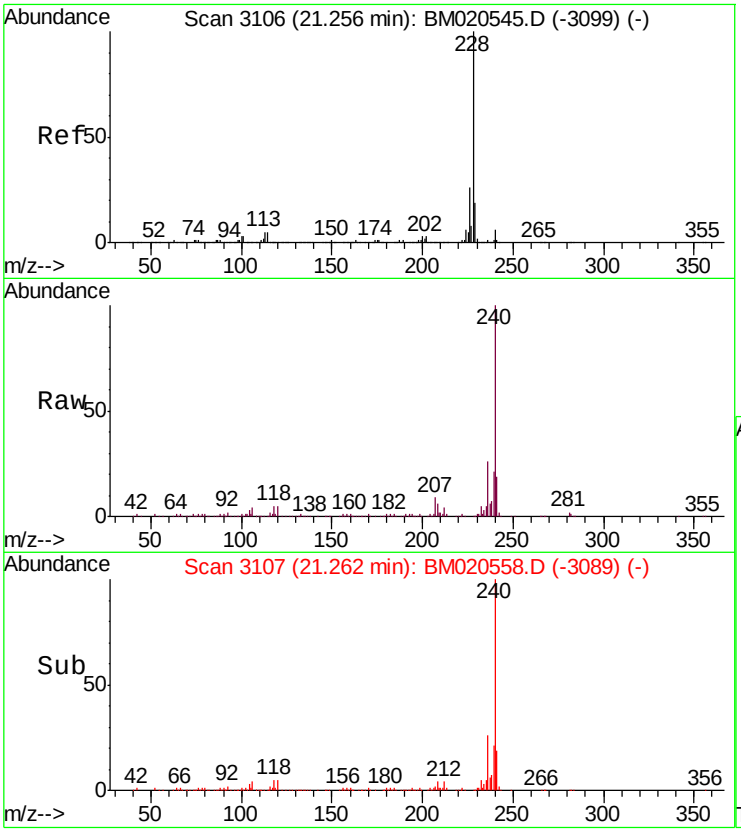


#79
Terphenyl-d14
Concen: 72.054 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:244 Resp: 1914011

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.6
122	5.4	4.6	7.0



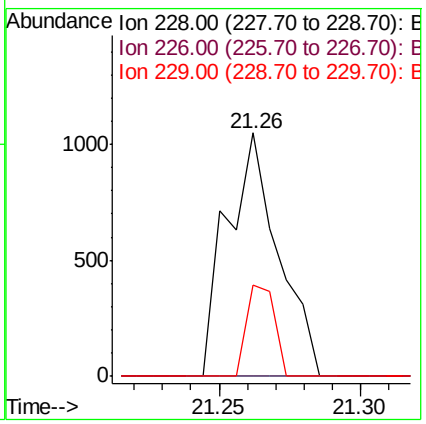


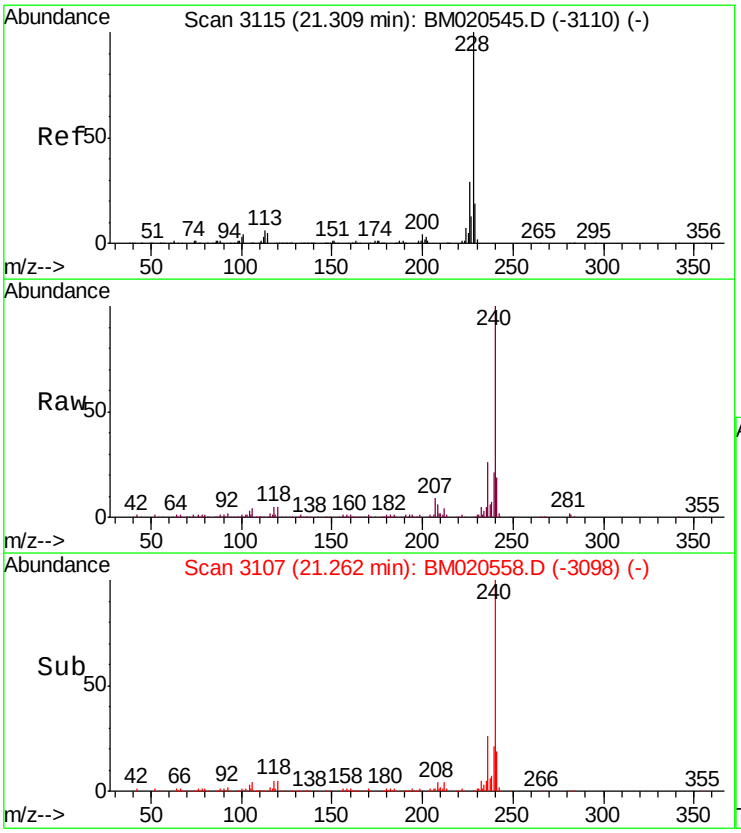
#81
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:228 Resp: 1327

Ion	Ratio	Lower	Upper
228	100		
226	0.0	20.7	31.1#
229	37.6	15.5	23.3#

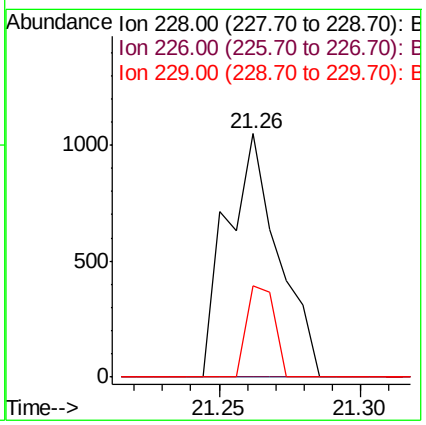


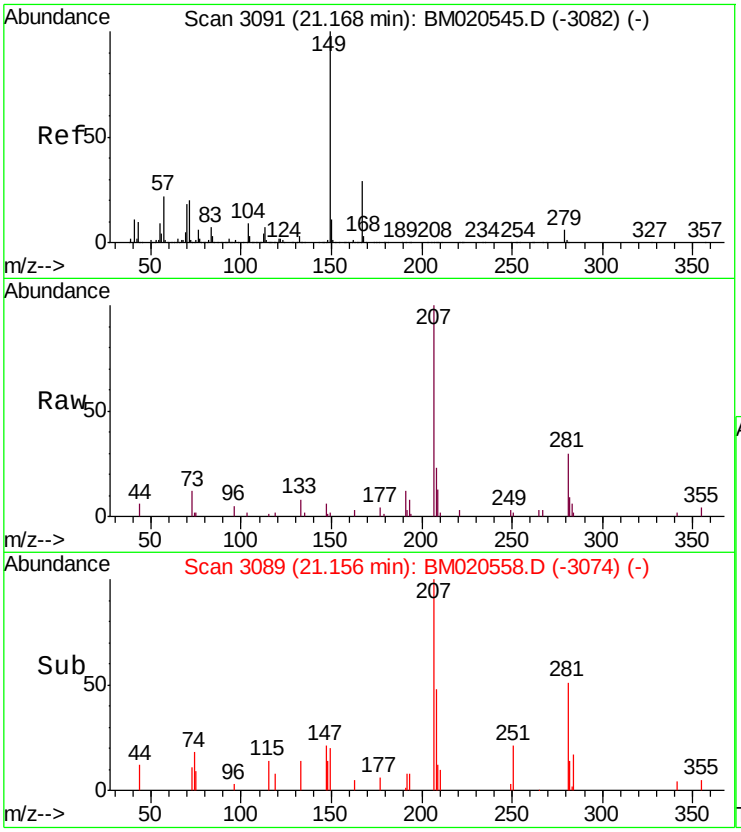


#83
Chrysene
Concen: 0.041 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.05 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:228 Resp: 1327

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.9	34.3#
229	37.6	15.4	23.2#



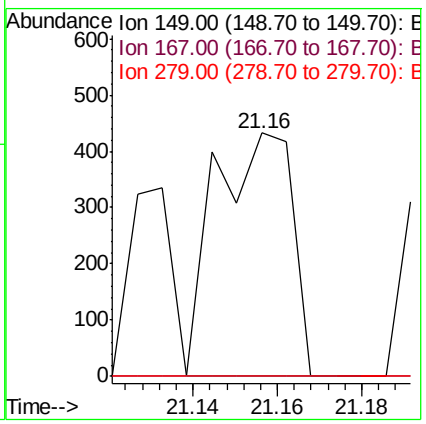


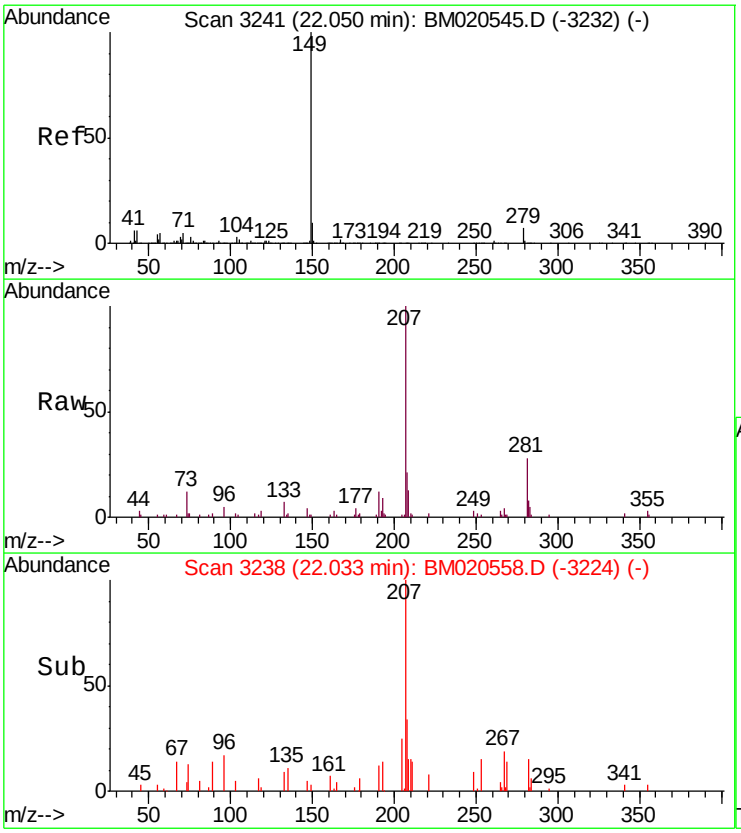
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:149 Resp: 550

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.9	34.3#
279	0.0	4.9	7.3#

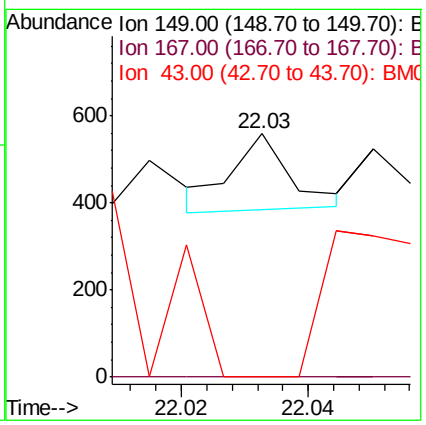


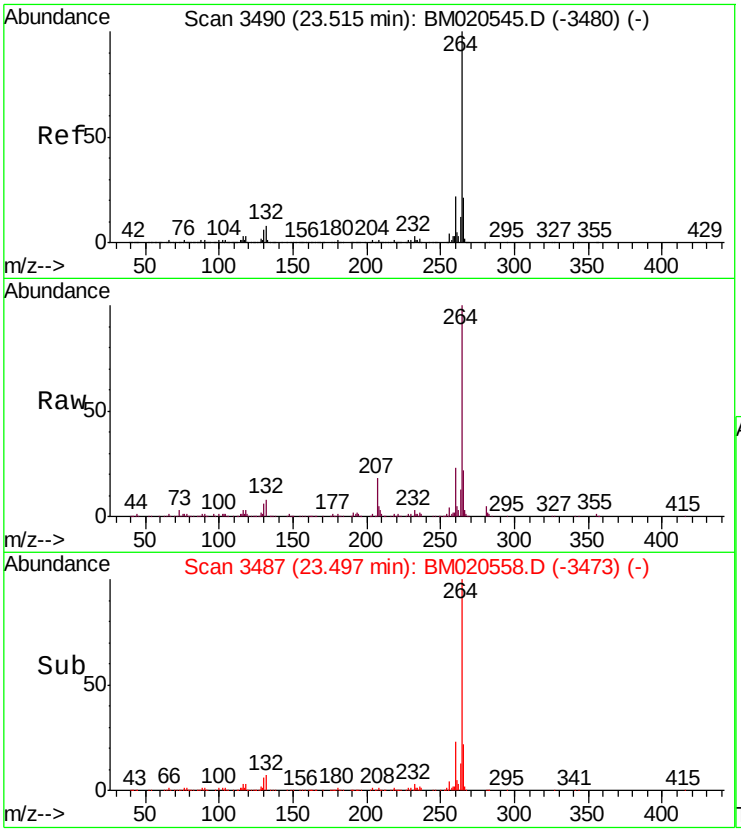


#85
Di-n-octyl phthalate
Concen: 0.004 ng
RT: 22.03 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:149 Resp: 112

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	0.0	4.8	7.2#



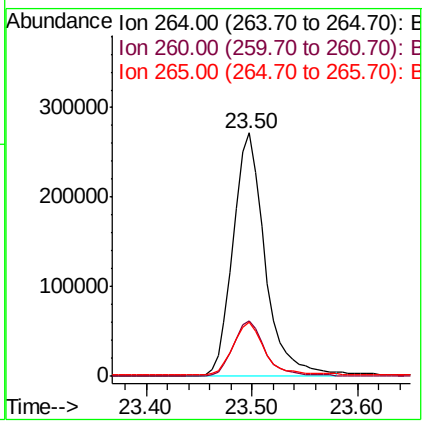


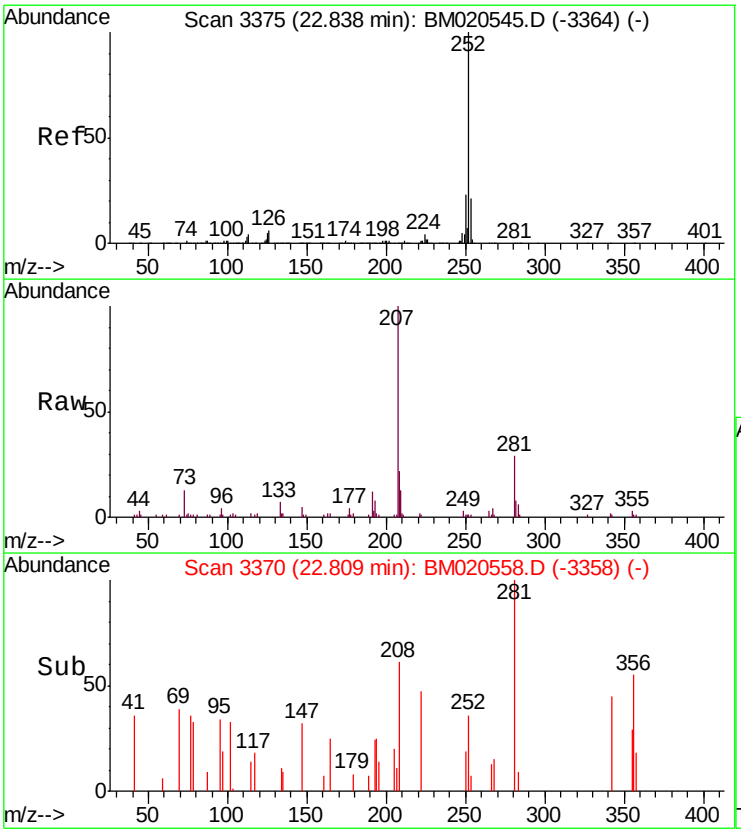
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.02 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:264 Resp: 573865

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.7	26.5
265	22.4	17.4	26.2

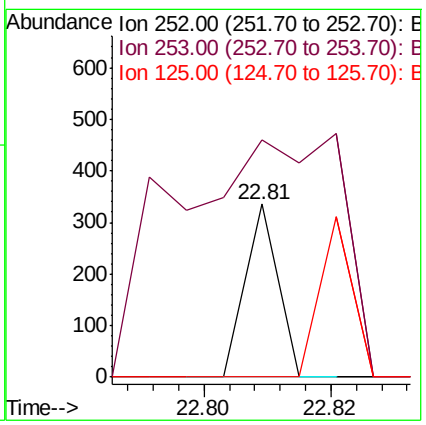


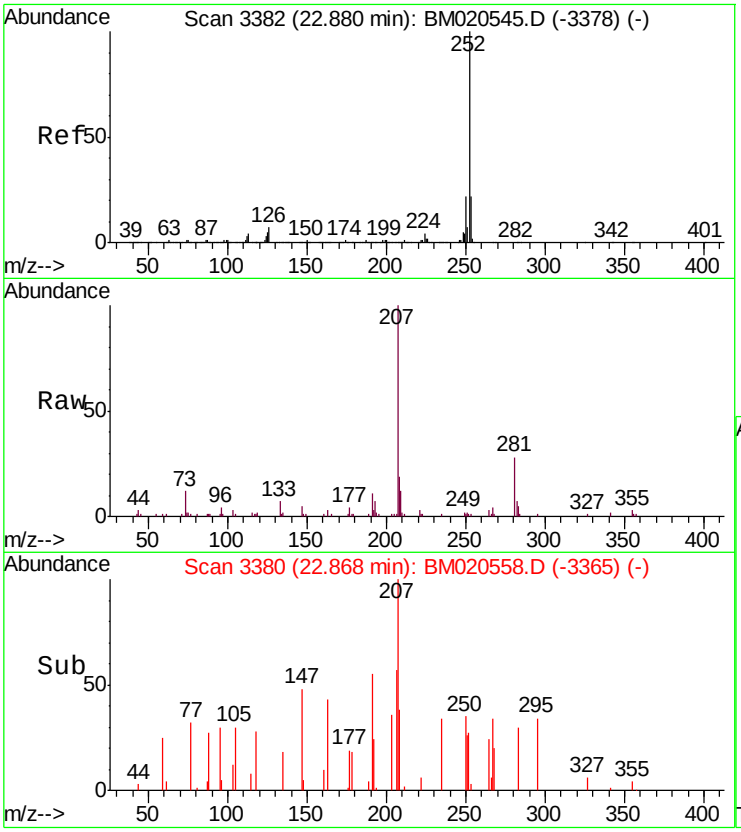


#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.03 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:252 Resp: 118

Ion	Ratio	Lower	Upper
252	100		
253	137.3	17.1	25.7#
125	0.0	3.8	5.8#



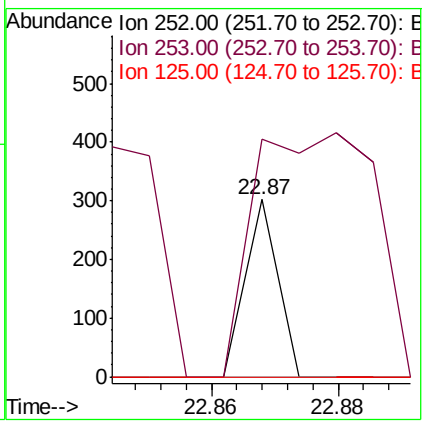


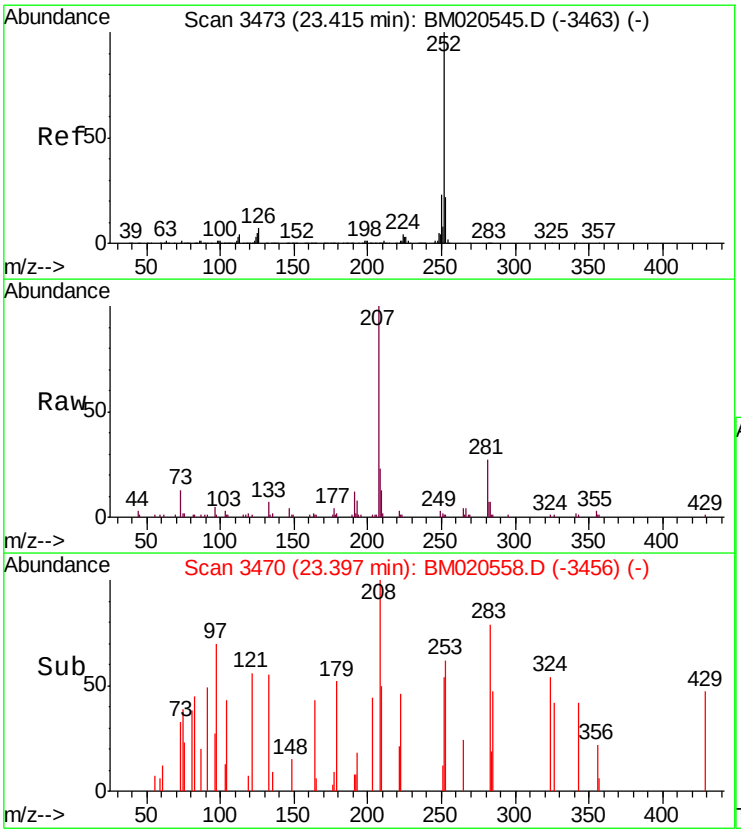
#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Instrument :
BNA_M
ClientSampleId :
PB120010BL

Tgt Ion:252 Resp: 107

Ion	Ratio	Lower	Upper
252	100		
253	134.1	17.6	26.4#
125	0.0	4.2	6.4#





#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BM020558.D
Acq: 25 May 2019 01:32

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	114.9	17.4	26.2#
125	0.0	4.2	6.4#