Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051219\
Data File : BM020295.D
Acq On : 12 May 2019 13:08
Operator : JU/SJ
Sample : K2766-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

Manual Integrations APPROVED
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5/16/2019 9:47:22 AM

Quant Time: May 16 18:33:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	63882	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	214199	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	135644	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	333625	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	375468	20.00	ng	-0.02
87) Perylene-d12	23.63	264	452153	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	501684	128.37	ng	-0.02
7) Phenol-d6	6.93	99	669075	125.32	ng	-0.02
23) Nitrobenzene-d5	8.93	82	456623	84.16	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	286519	136.08	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	841176	76.30	ng	-0.03
79) Terphenyl-d14	19.79	244	1463298	67.98	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	14.13	152	40022	2.805	ng	97
50) Dimethylphthalate	13.87	163	98948	8.583	ng	97
71) Phenanthrene	17.20	178	72929	3.960	ng	99
75) Fluoranthene	19.22	202	153871	6.604	ng	99
78) Pyrene	19.59	202	301482	11.960	ng	99
81) Benzo(a)anthracene	21.33	228	130011m	4.937	ng	
83) Chrysene	21.39	228	180394	7.064	ng	99
86) Indeno(1,2,3-cd)pyrene	25.95	276	138537	4.561	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	225753m	7.561	ng	
89) Benzo(k)fluoranthene	22.98	252	63150m	2.319	ng	
90) Benzo(a)pyrene	23.53	252	145555	5.367	ng	# 96
92) Benzo(g,h,i)perylene	26.67	276	174621	6.521	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051219\
Data File : BM020295.D
Acq On : 12 May 2019 13:08
Operator : JU/SJ
Sample : K2766-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 16 18:33:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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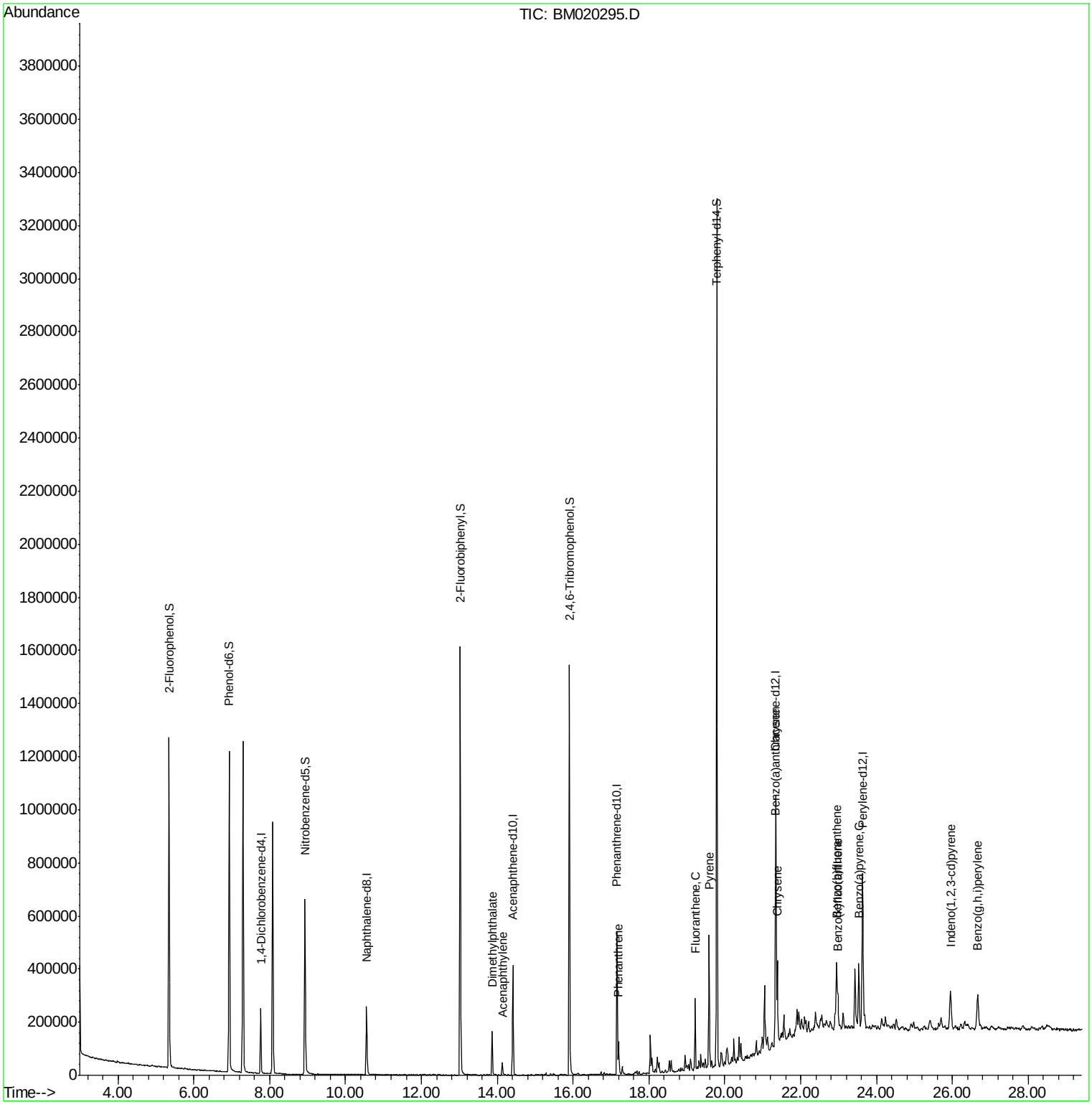
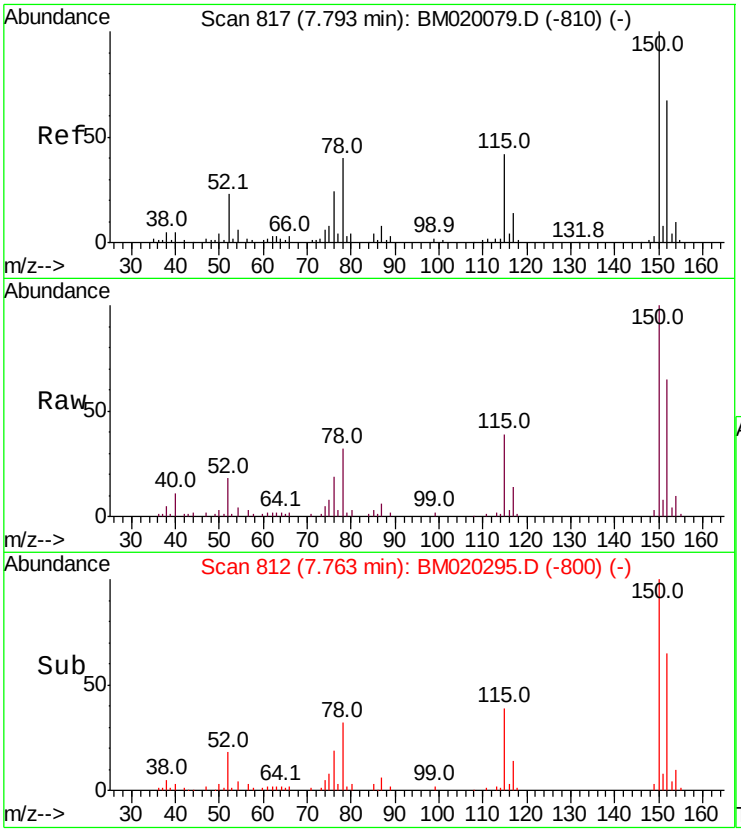
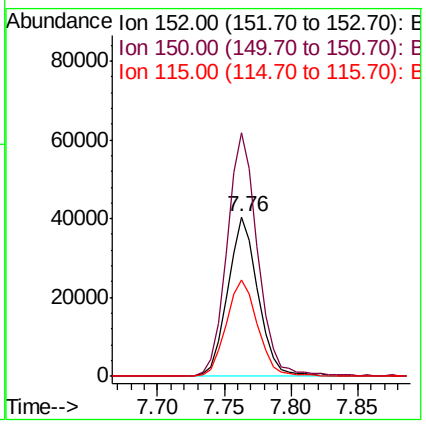




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:152 Resp: 63882

Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.8	179.8
115	60.1	50.8	76.2



Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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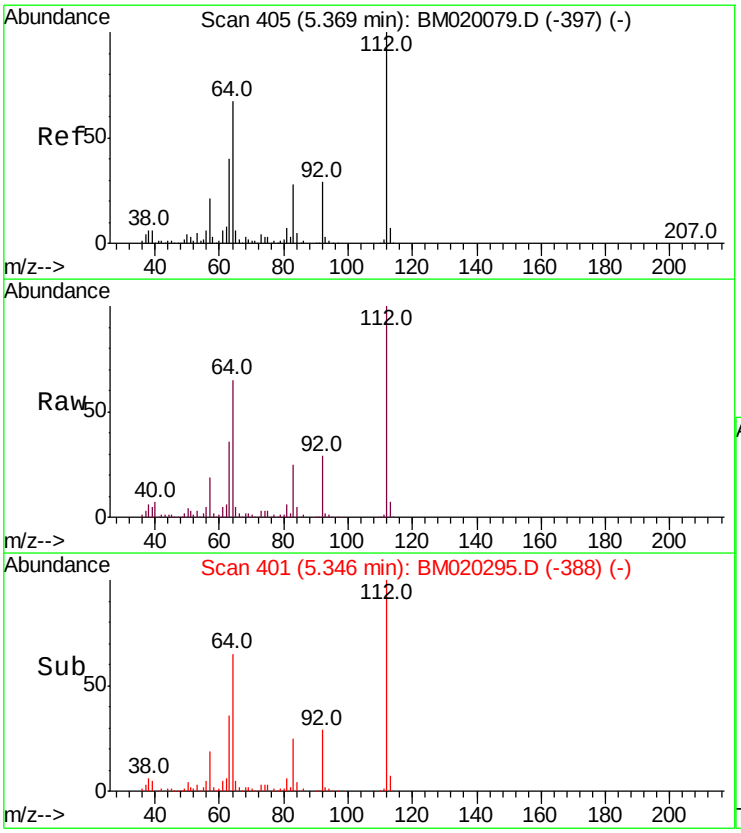
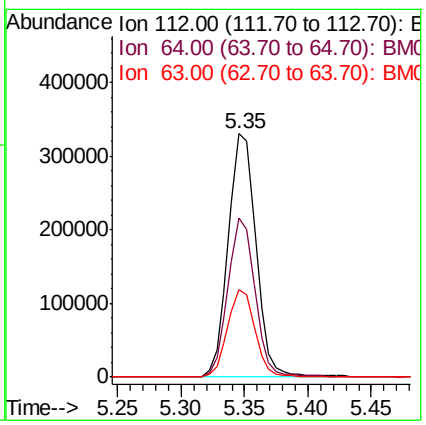
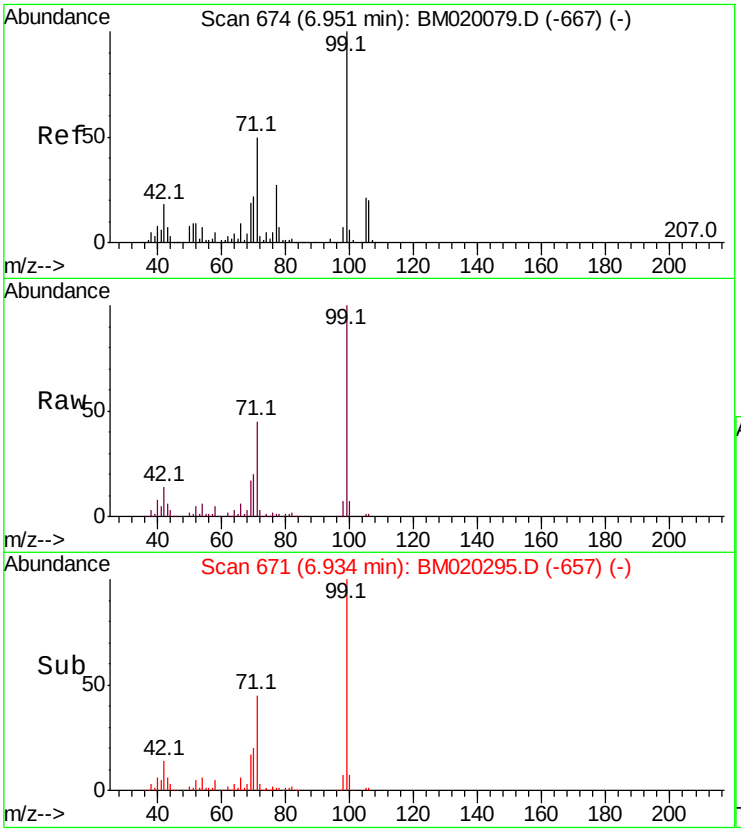


#5
2-Fluorophenol
Concen: 128.369 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:112 Resp: 501684

Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.8	80.6
63	36.0	32.3	48.5

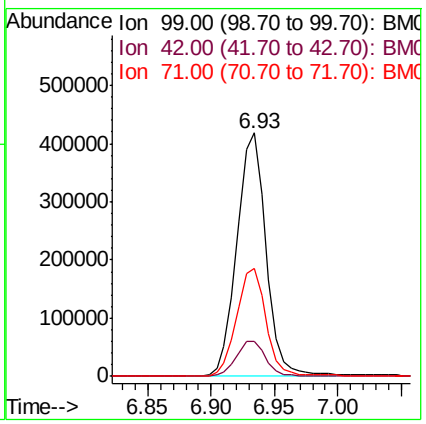




#7
Phenol-d6
Concen: 125.317 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion: 99 Resp: 669075

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.2	21.2#
71	44.6	40.3	60.5



Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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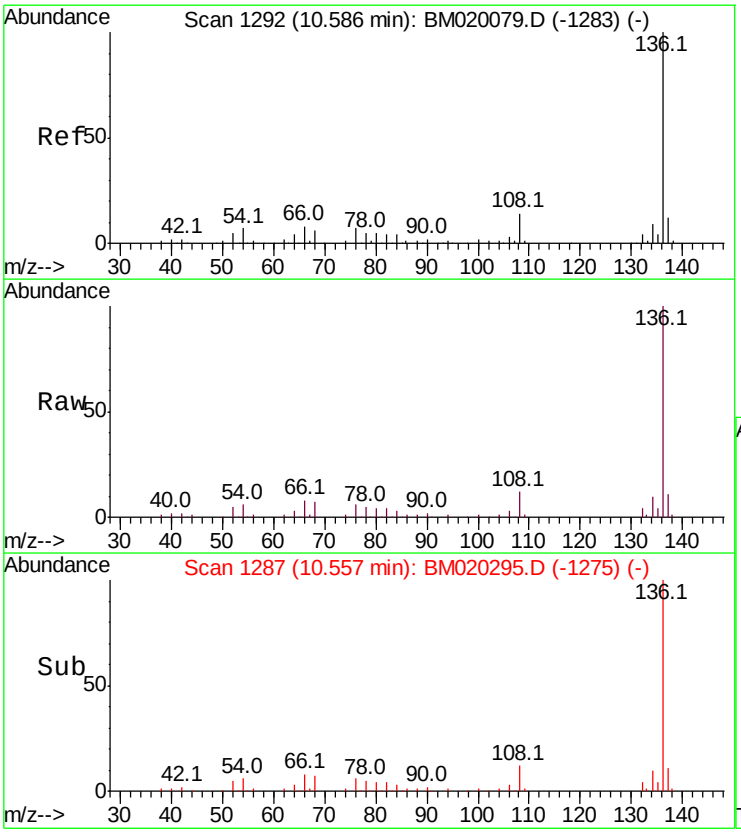
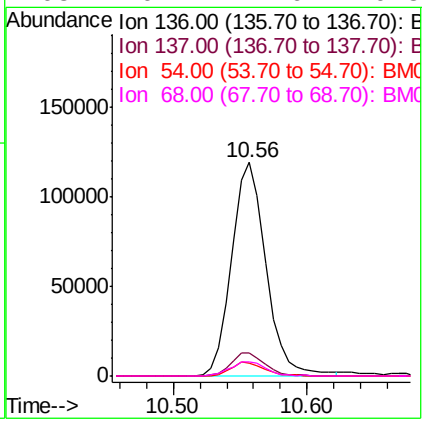
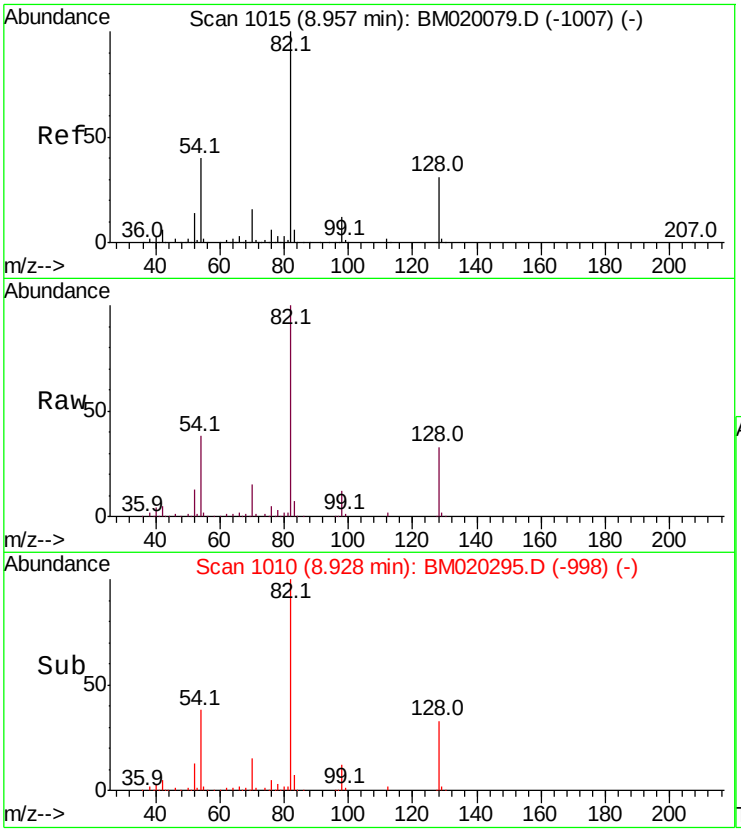


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:136 Resp: 214199

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	6.2	5.5	8.3
68	6.7	4.6	6.8

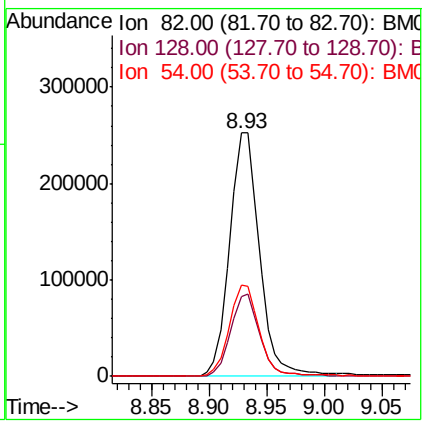




#23
Nitrobenzene-d5
Concen: 84.162 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion: 82 Resp: 456623

Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.2	37.8
54	37.7	31.9	47.9



Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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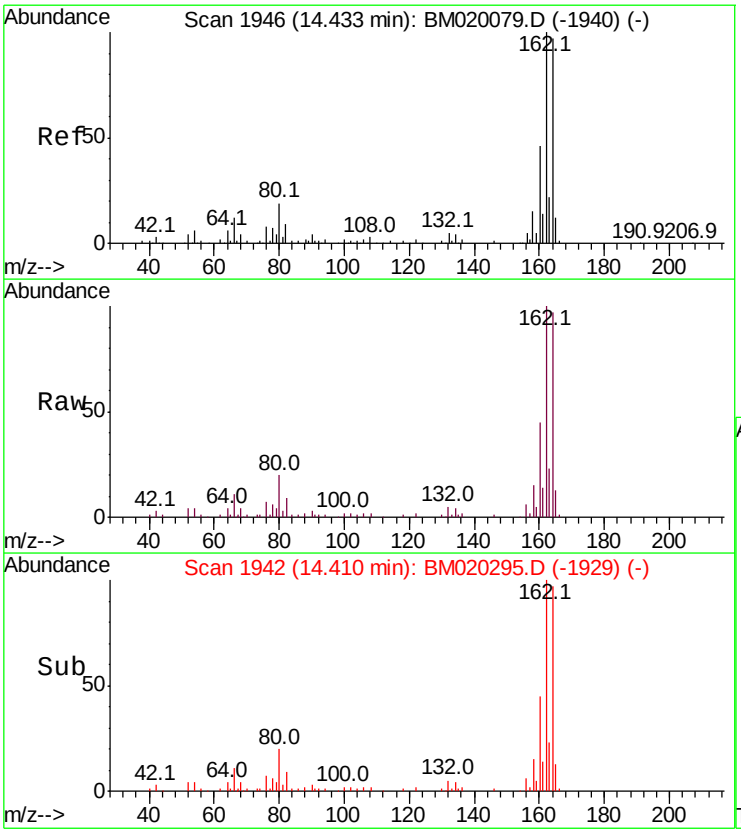
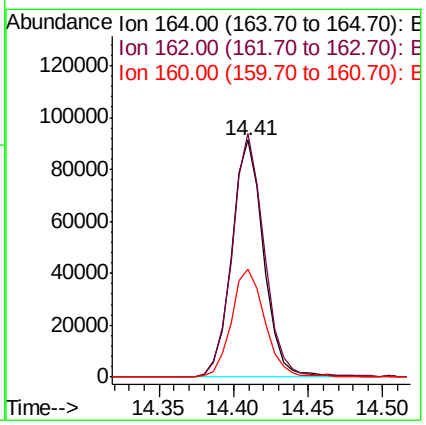
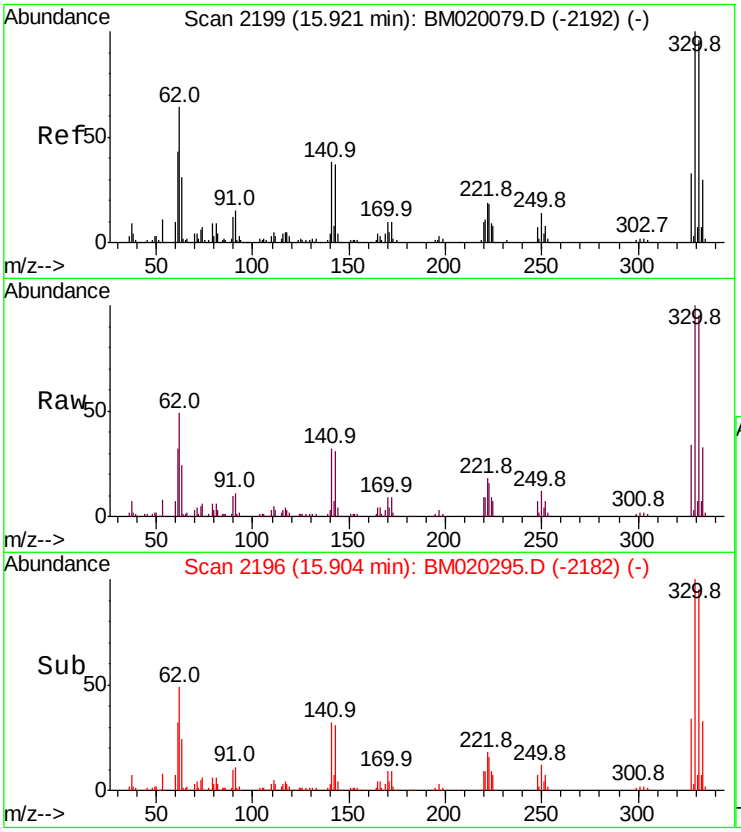


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:164 Resp: 135644

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	45.8	37.6	56.4

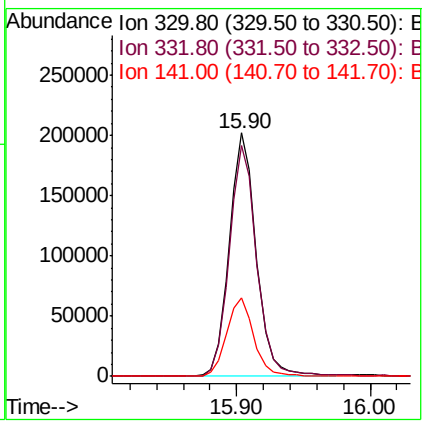




#42
2,4,6-Tribromophenol
Concen: 136.084 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:330 Resp: 286519

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	32.9	29.2	43.8



Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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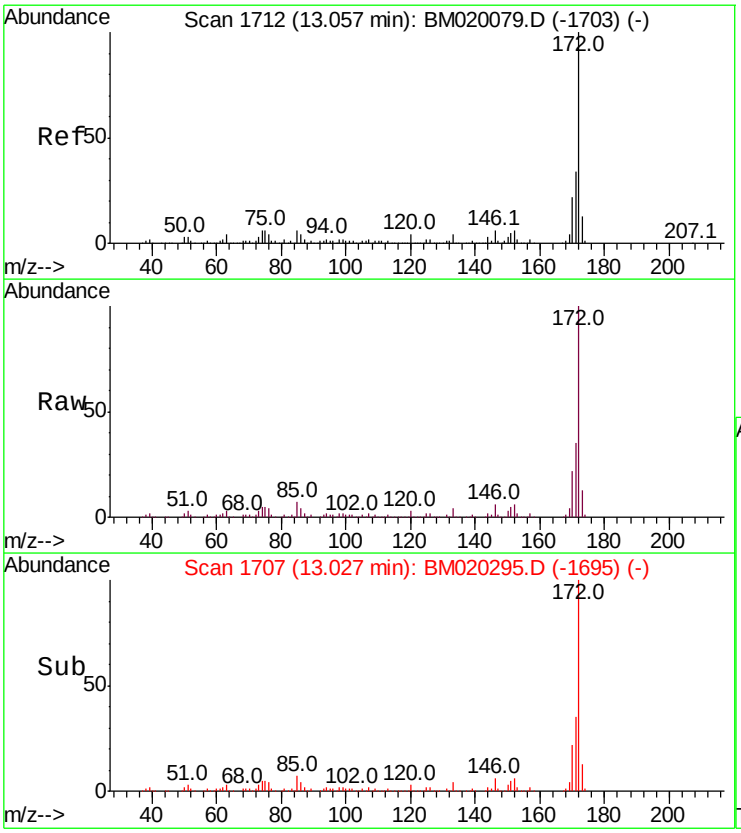
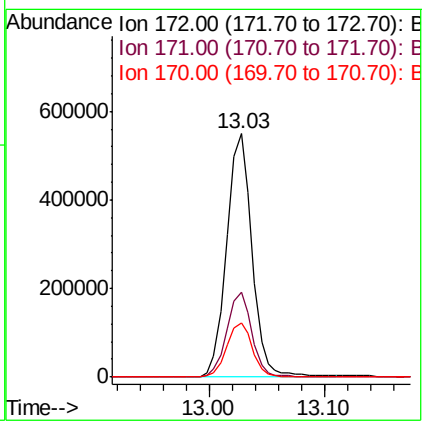
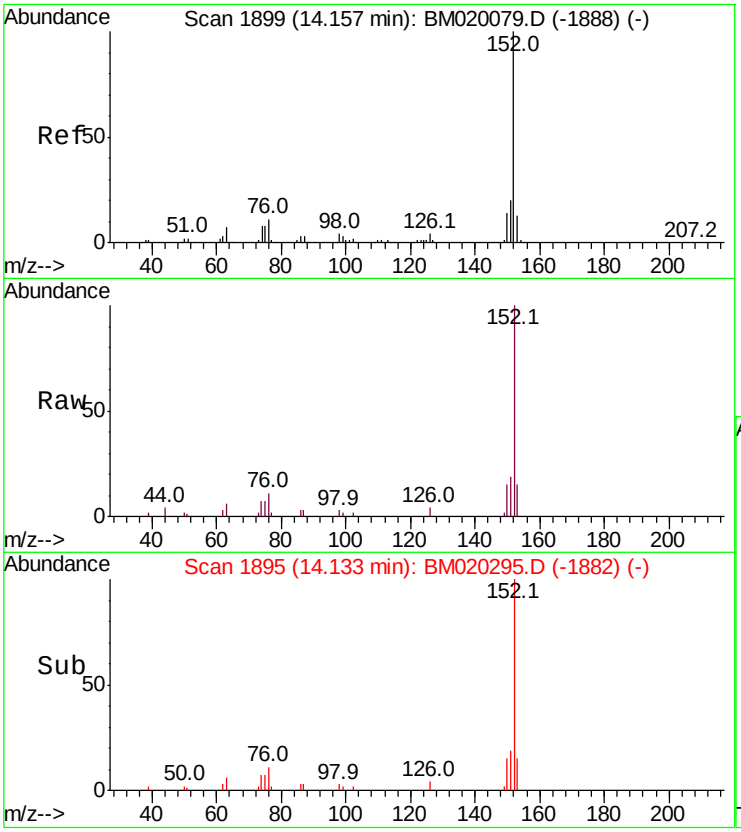


#45
2-Fluorobiphenyl
Concen: 76.299 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:172 Resp: 841176

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.2	17.9	26.9

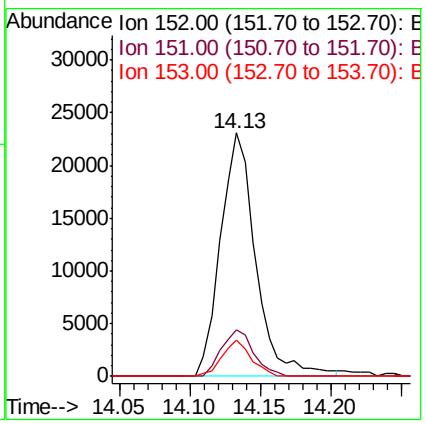




#49
Acenaphthylene
Concen: 2.805 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:152 Resp: 40022

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	15.1	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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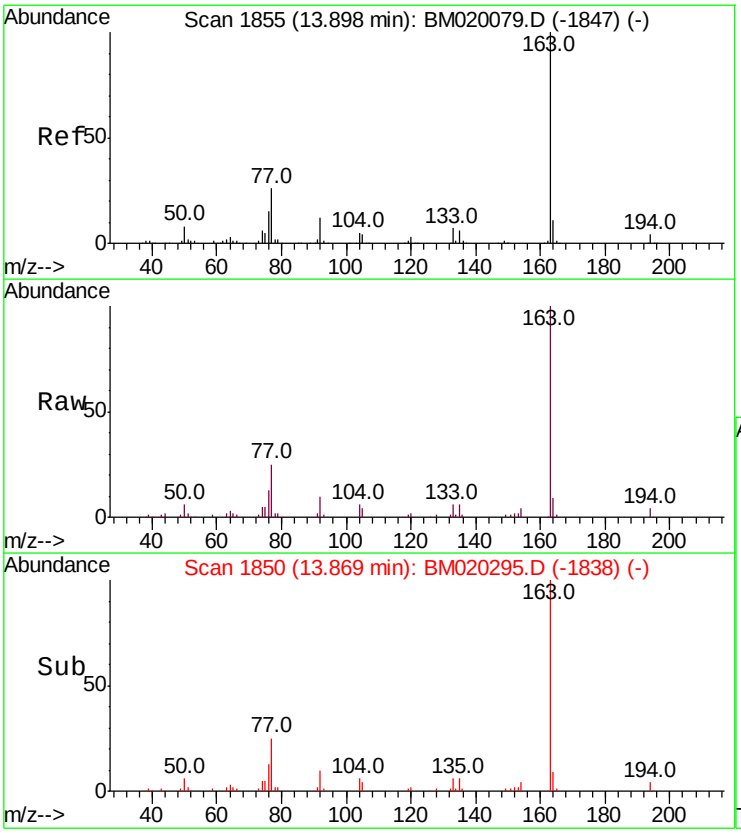
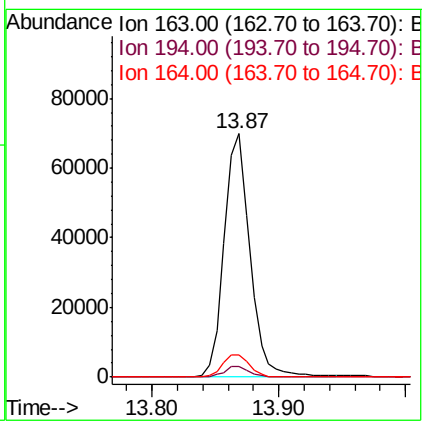
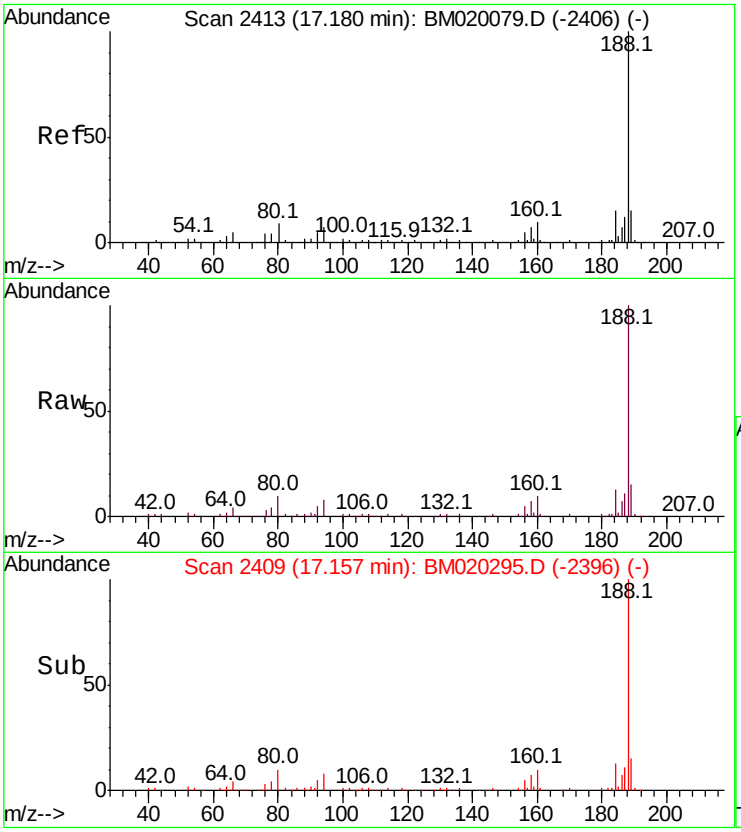


#50
Dimethylphthalate
Concen: 8.583 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:163 Resp: 98948

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	9.0	8.4	12.6

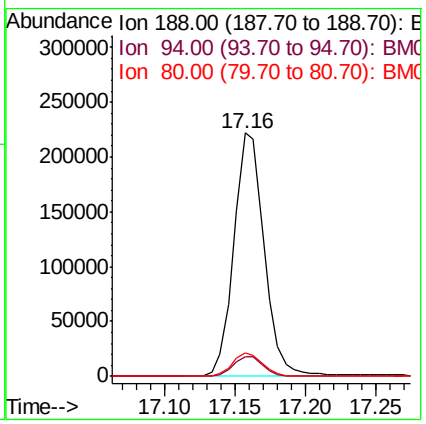




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:188 Resp: 333625

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	9.8	7.4	11.2



Instrument :
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ClientSampleId :
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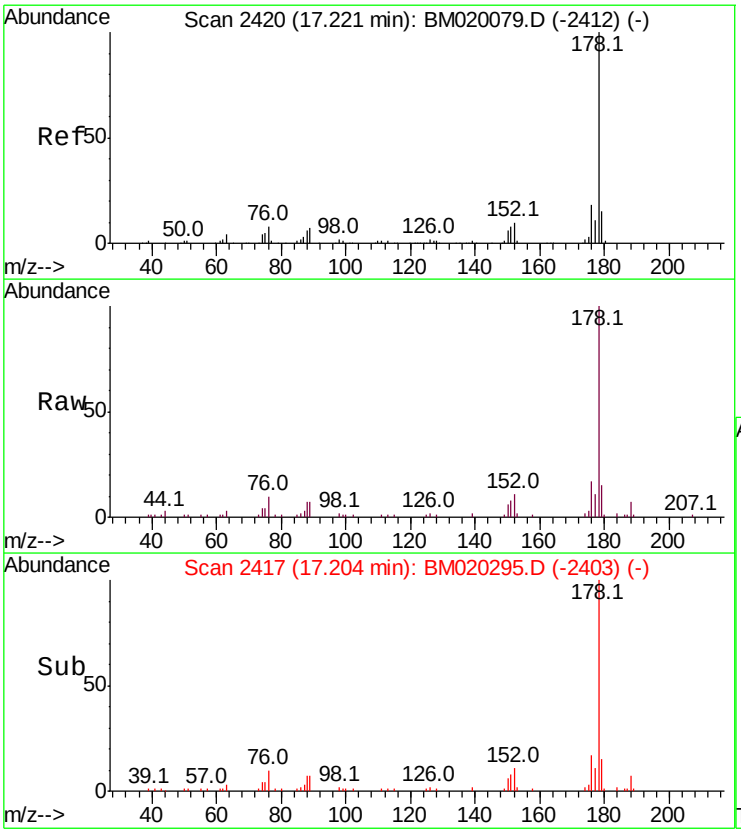
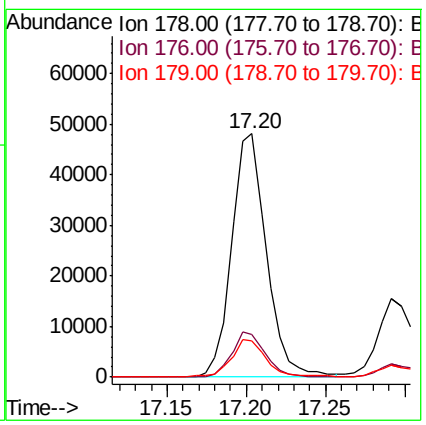
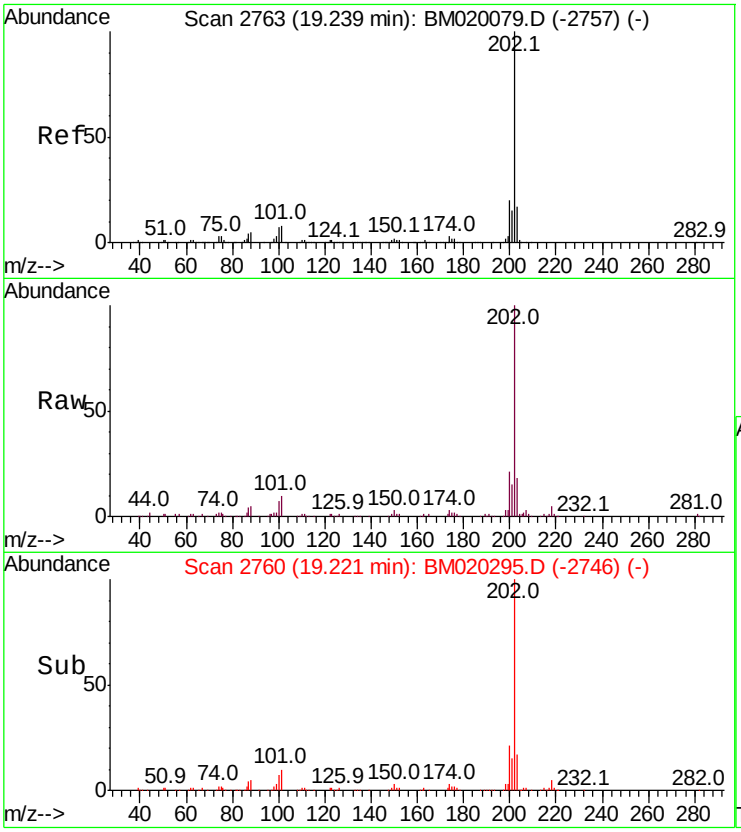


#71
Phenanthrene
Concen: 3.960 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:178 Resp: 72929

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	21.8
179	15.1	12.4	18.6

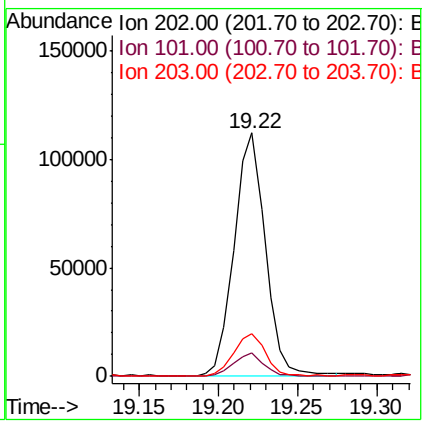




#75
Fluoranthene
Concen: 6.604 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:202 Resp: 153871

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.4
203	17.6	0.0	37.4



Instrument :
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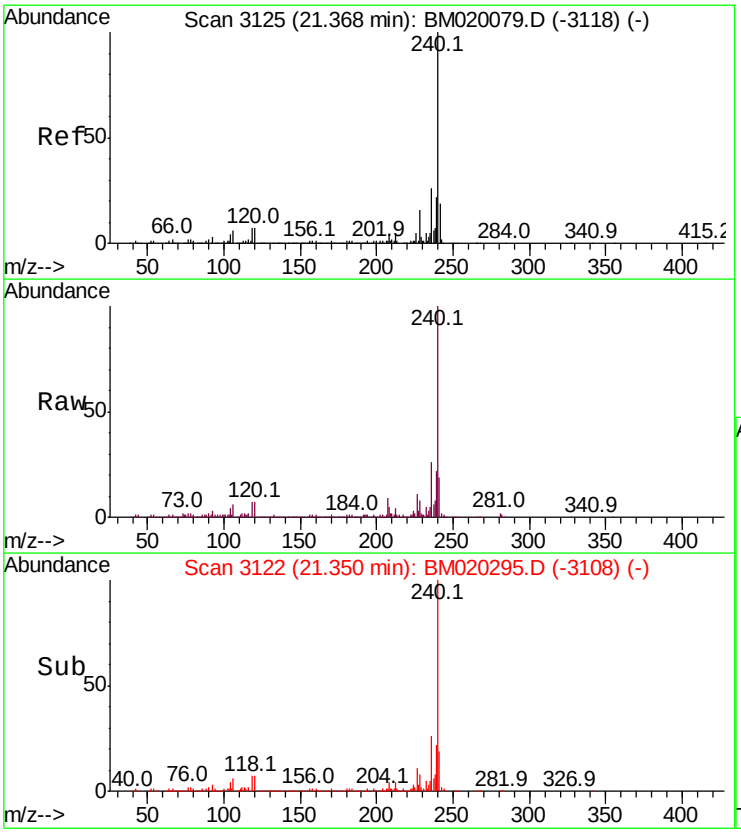
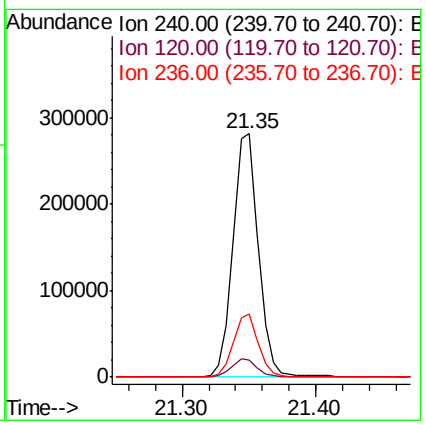
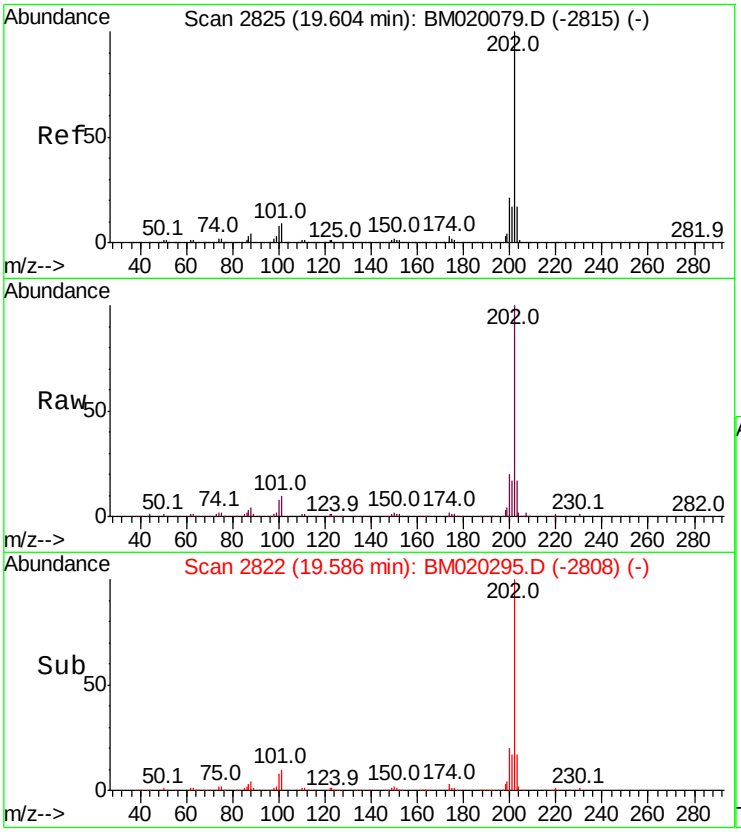


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:240 Resp: 375468

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.6	8.4
236	25.7	20.9	31.3

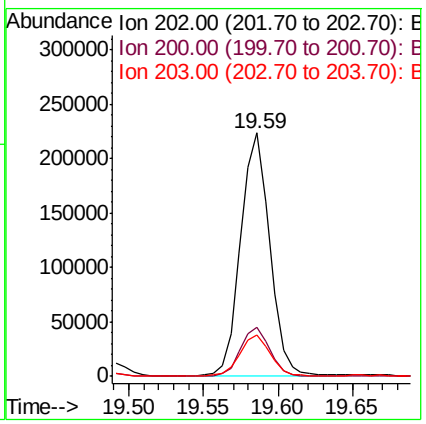




#78
Pyrene
Concen: 11.960 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:202 Resp: 301482

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	17.2	13.9	20.9



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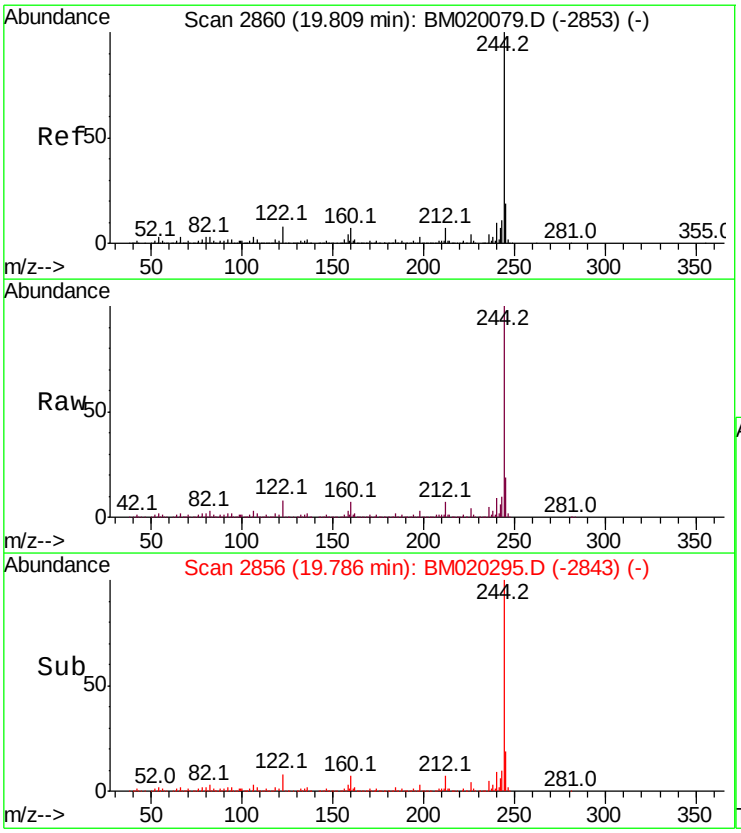
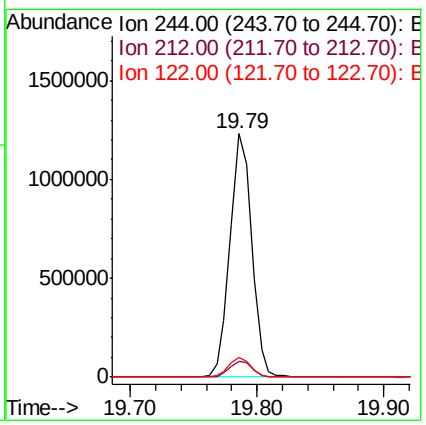
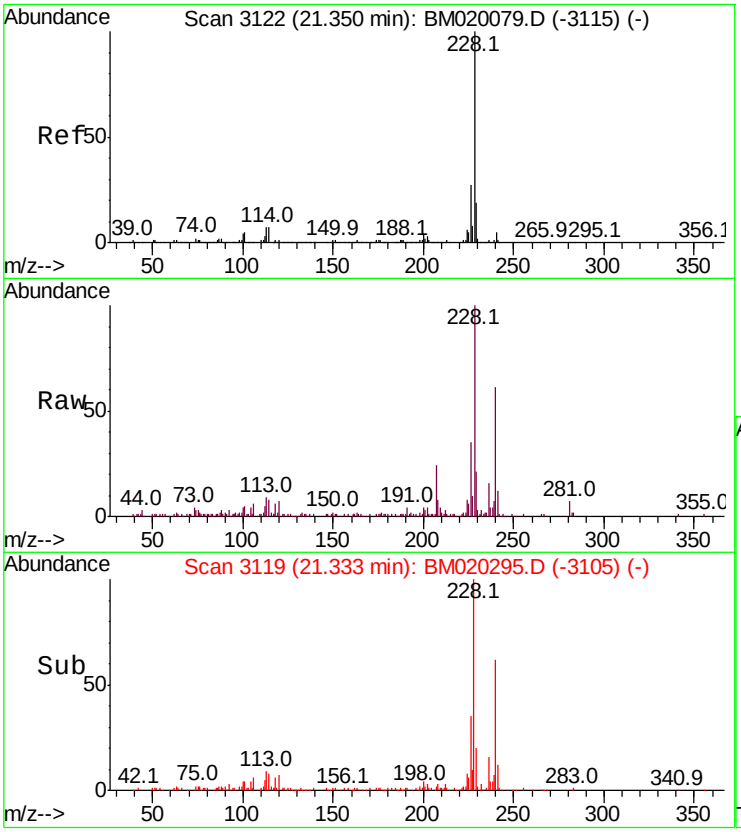


#79
Terphenyl-d14
Concen: 67.977 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:244 Resp: 1463298

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	8.1	6.2	9.2

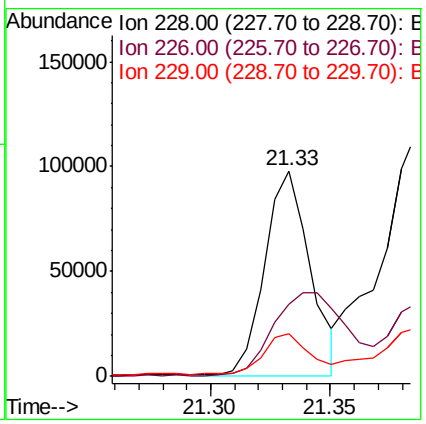




#81
Benzo(a)anthracene
Concen: 4.937 ng m
RT: 21.33 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:228 Resp: 130011

Ion	Ratio	Lower	Upper
228	100		
226	35.3	21.3	31.9#
229	20.6	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
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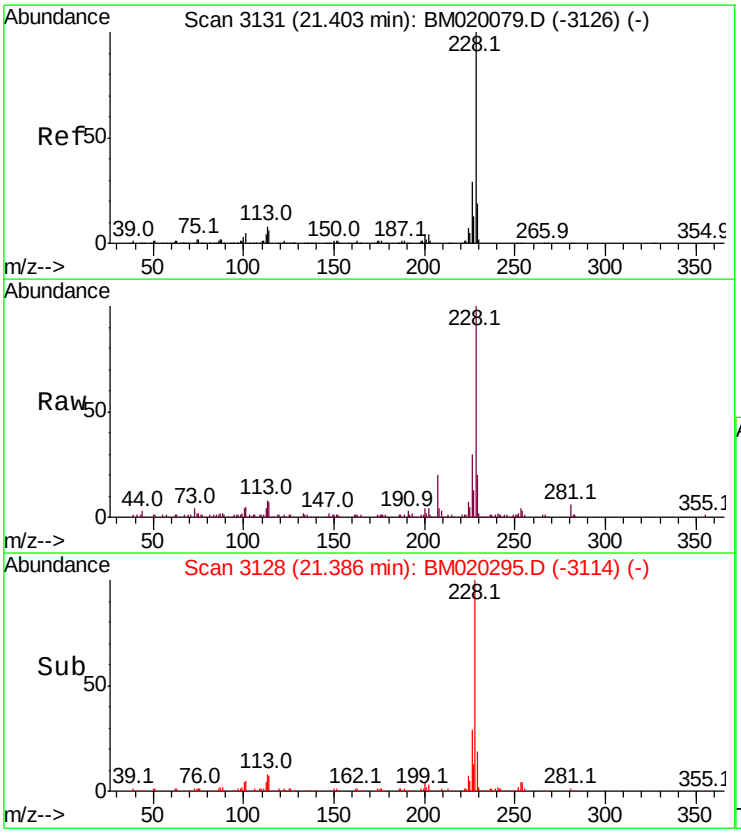
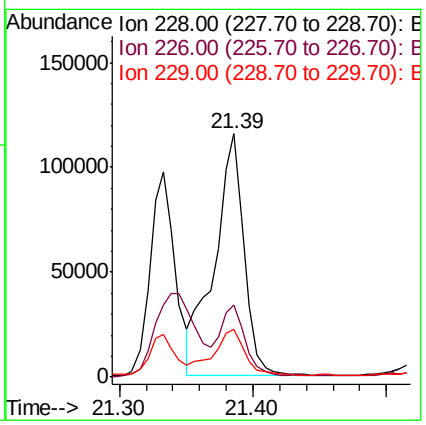
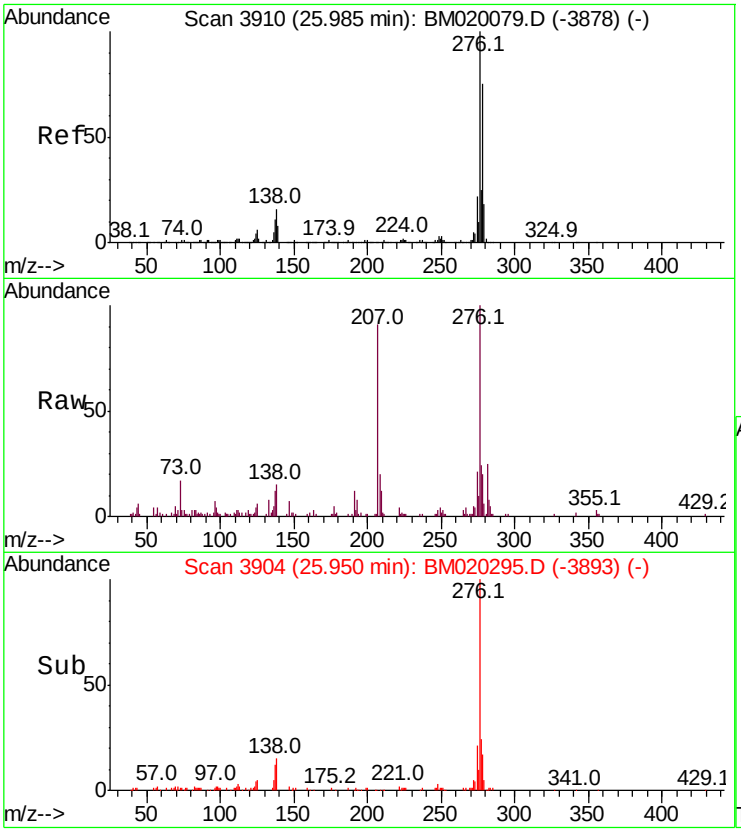


#83
Chrysene
Concen: 7.064 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:228 Resp: 180394

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.6
229	19.7	15.5	23.3





#86
Indeno(1,2,3-cd)pyrene
Concen: 4.561 ng
RT: 25.95 min Scan# 3904
Delta R.T. -0.04 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:276 Resp: 138537

Ion	Ratio	Lower	Upper
276	100		
138	16.8	0.0	0.0#
277	26.0	0.0	0.0#

Instrument :
BNA_M
ClientSampleId :
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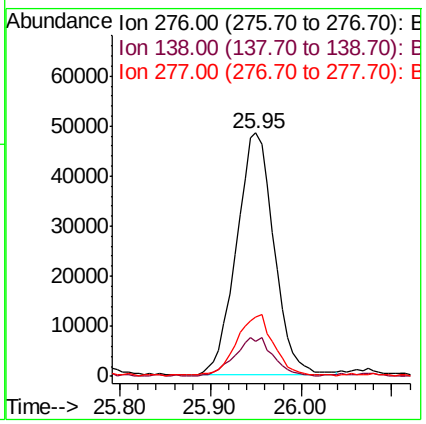
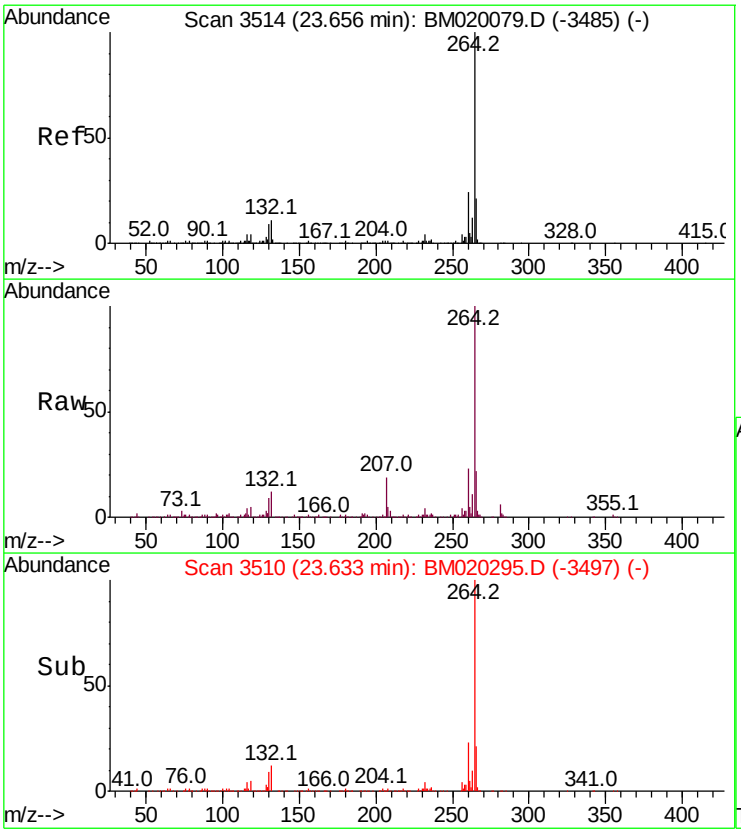
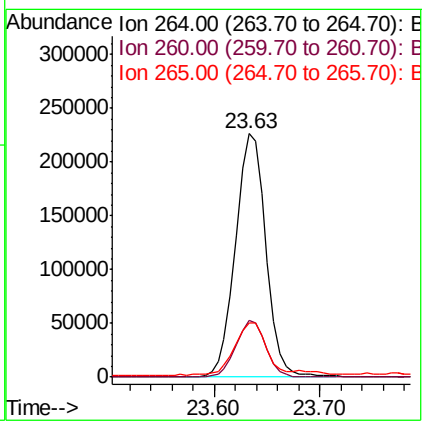


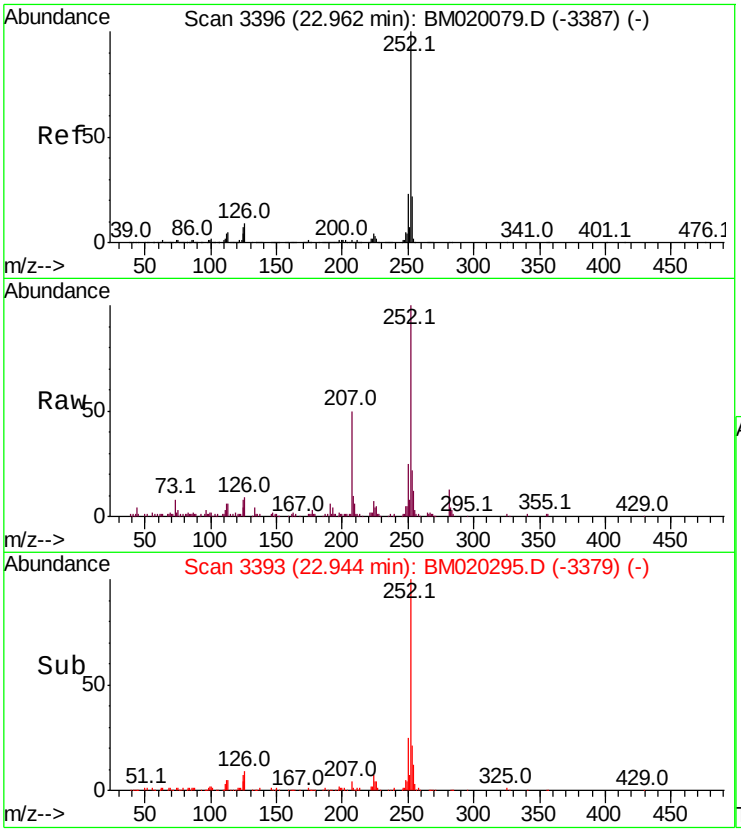


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:264 Resp: 452153

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	16.9	25.3

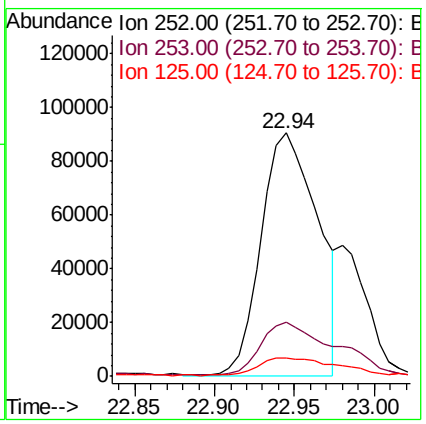




#88
Benzo(b)fluoranthene
Concen: 7.561 ng m
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:252 Resp: 225753

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.7	5.4	8.2



Instrument :
BNA_M
ClientSampleId :
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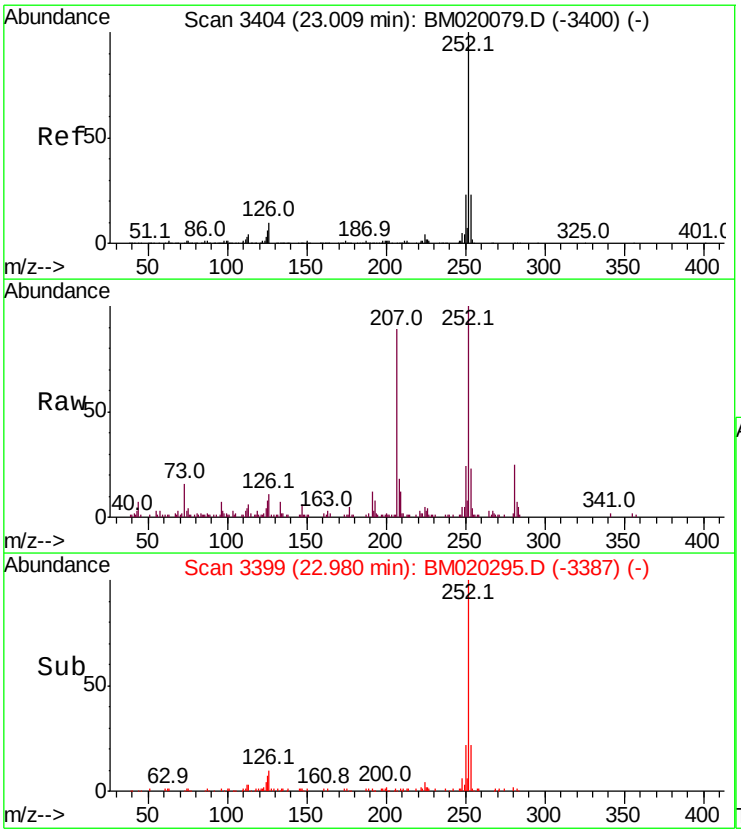
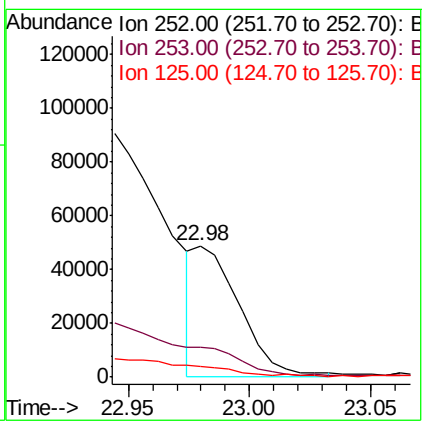
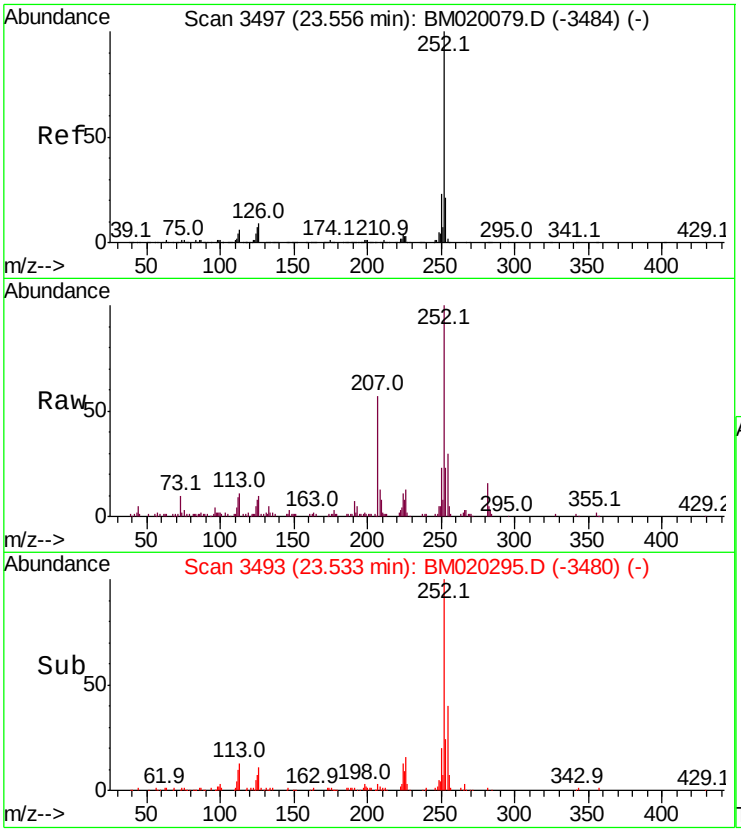


#89
Benzo(k)fluoranthene
Concen: 2.319 ng m
RT: 22.98 min Scan# 3399
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:252 Resp: 63150

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.0	5.4	8.0

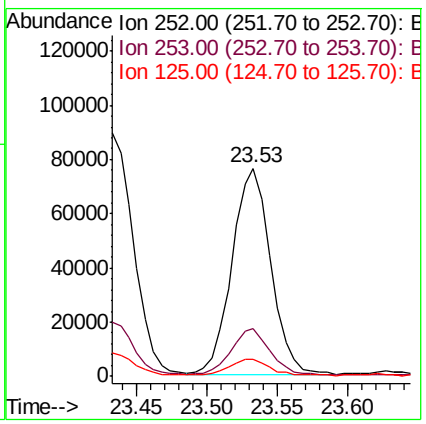




#90
Benzo(a)pyrene
Concen: 5.367 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:252 Resp: 145555

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	8.4	5.5	8.3#



Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

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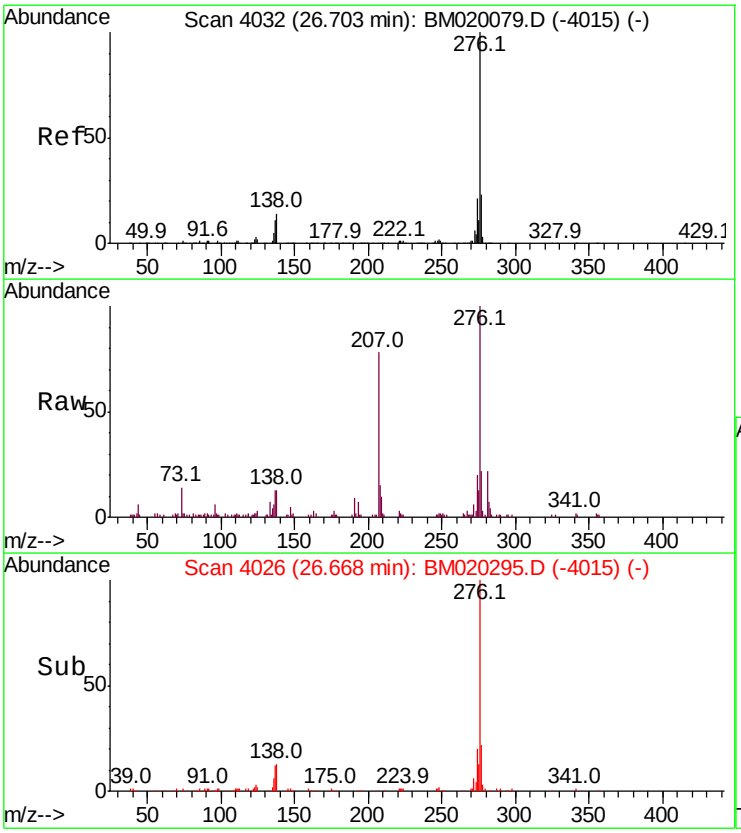

#92
Benzo(g,h,i)perylene
Concen: 6.521 ng
RT: 26.67 min Scan# 4026
Delta R.T. -0.04 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:276 Resp: 174621

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.4	27.6
138	13.1	11.1	16.7