Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019176.D
Acq On : 14 Mar 2019 19:18
Operator : JU/SJ
Sample : K1894-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RFK-RMAB-MW10-GW

Quant Time: Mar 15 05:22:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	189879	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	851781	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	595850	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1298973	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1317786	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1185156	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	827620	70.59	ng	0.00
7) Phenol-d6	6.84	99	854335	49.82	ng	0.00
23) Nitrobenzene-d5	8.83	82	1641942	91.12	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1302958	148.11	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3767787	82.25	ng	-0.01
79) Terphenyl-d14	19.70	244	6489920	97.77	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.74	117	199832	35.377	ng	# 1
22) Acetophenone	8.44	105	298788	12.693	ng	# 60
24) Nitrobenzene	8.82	77	68132	3.636	ng	# 8
31) Naphthalene	10.49	128	117878	2.626	ng	# 32
38) 1-Methylnaphthalene	12.33	142	460099	14.308	ng	98
48) 2-Nitroaniline	13.36	65	67907	5.213	ng	# 28

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
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Acq On : 14 Mar 2019 19:18
Operator : JU/SJ
Sample : K1894-03
Misc :
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Instrument :
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ClientSampleId :
RFK-RMAB-MW10-GW

Quant Time: Mar 15 05:22:11 2019
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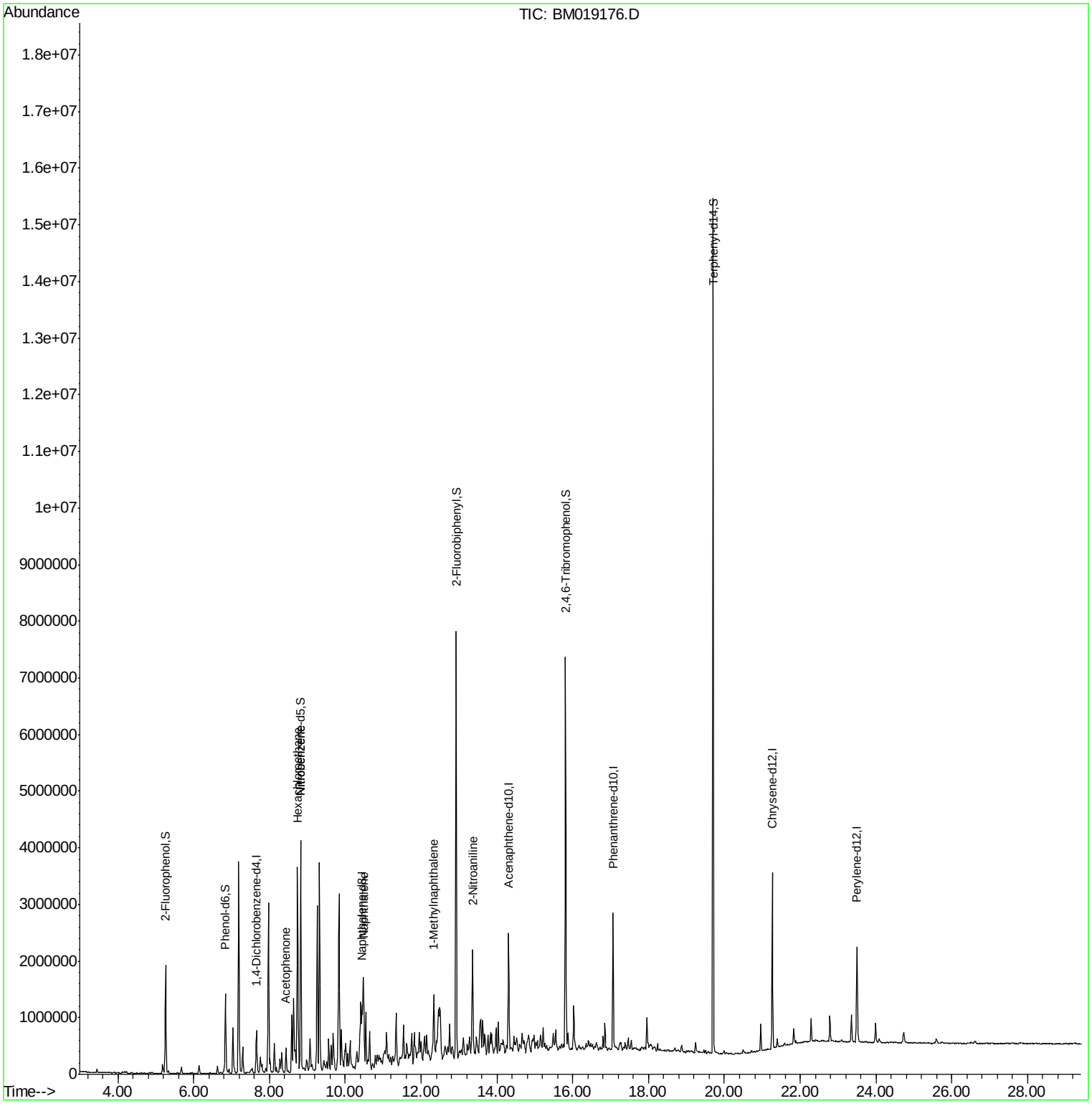
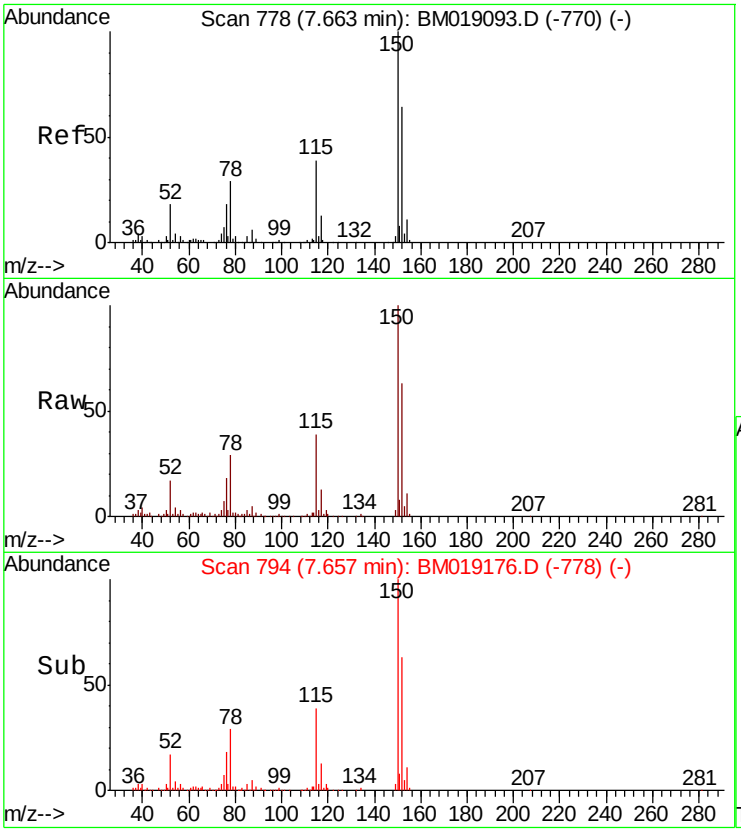
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration



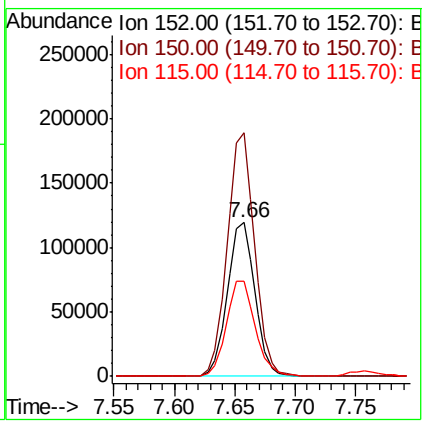


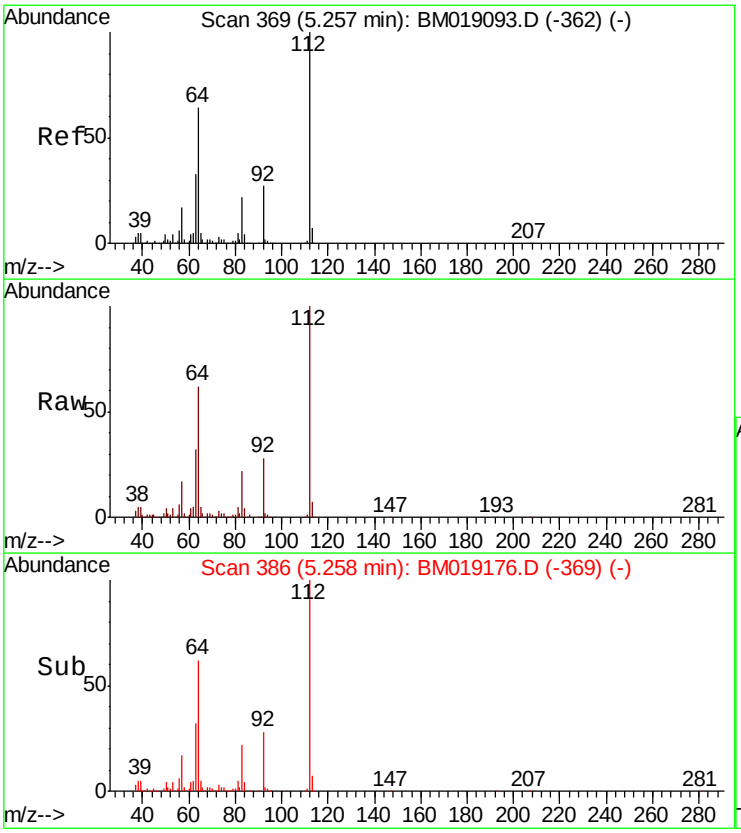
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:152 Resp: 189879

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.3	187.9
115	62.1	49.4	74.0

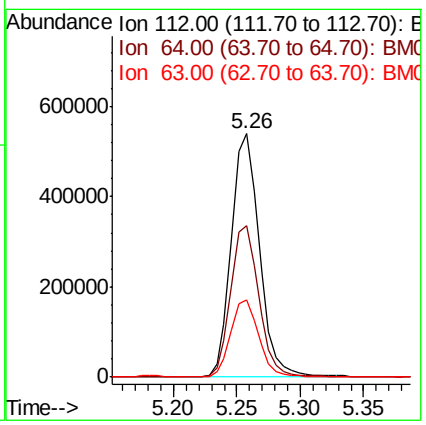


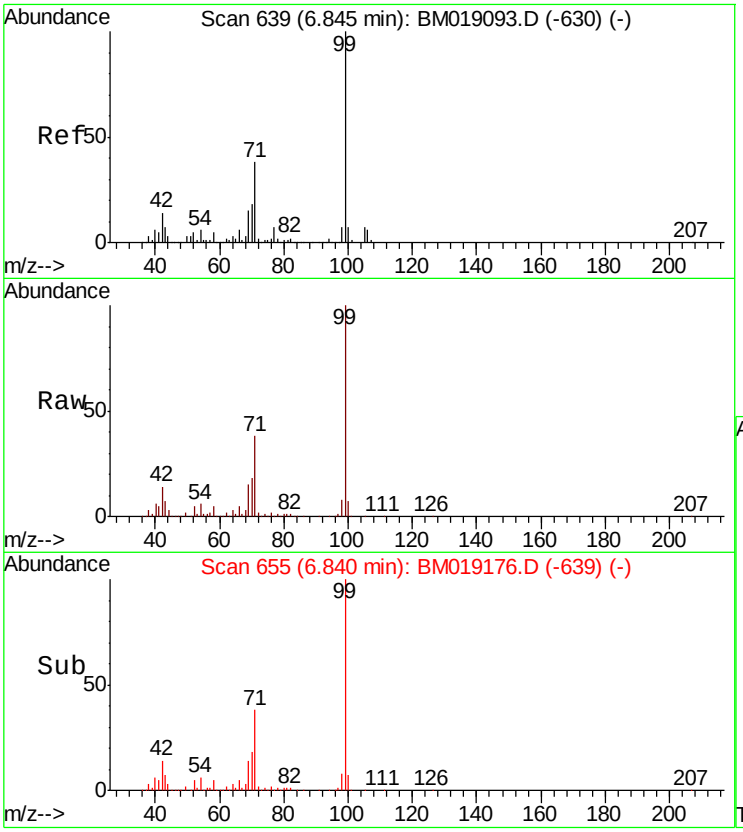


#5
2-Fluorophenol
Concen: 70.588 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:112 Resp: 827620

Ion	Ratio	Lower	Upper
112	100		
64	62.4	51.4	77.0
63	31.9	26.6	40.0



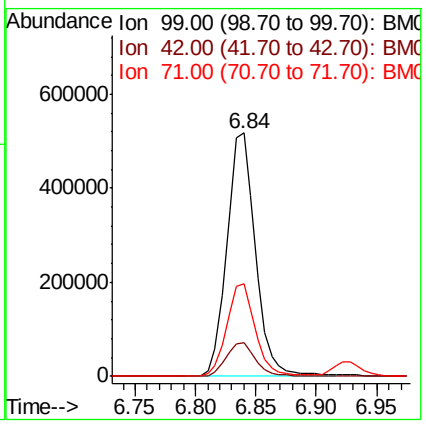


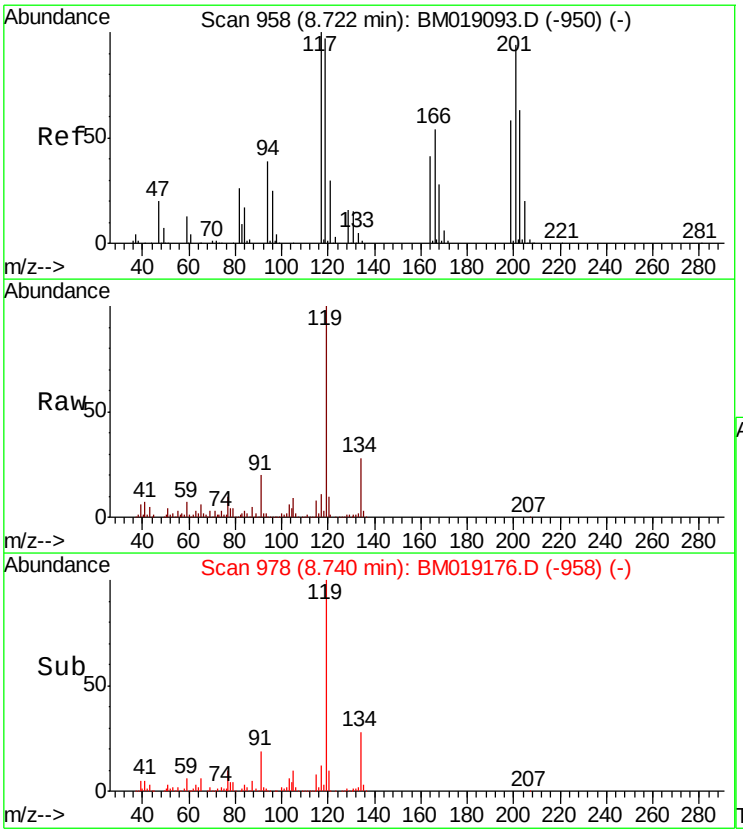
#7
Phenol-d6
Concen: 49.816 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 99 Resp: 854335

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.9	16.3
71	37.9	30.3	45.5

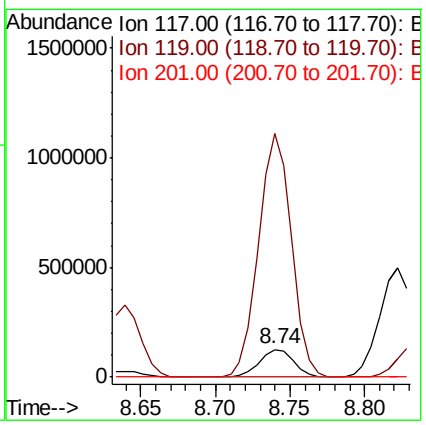


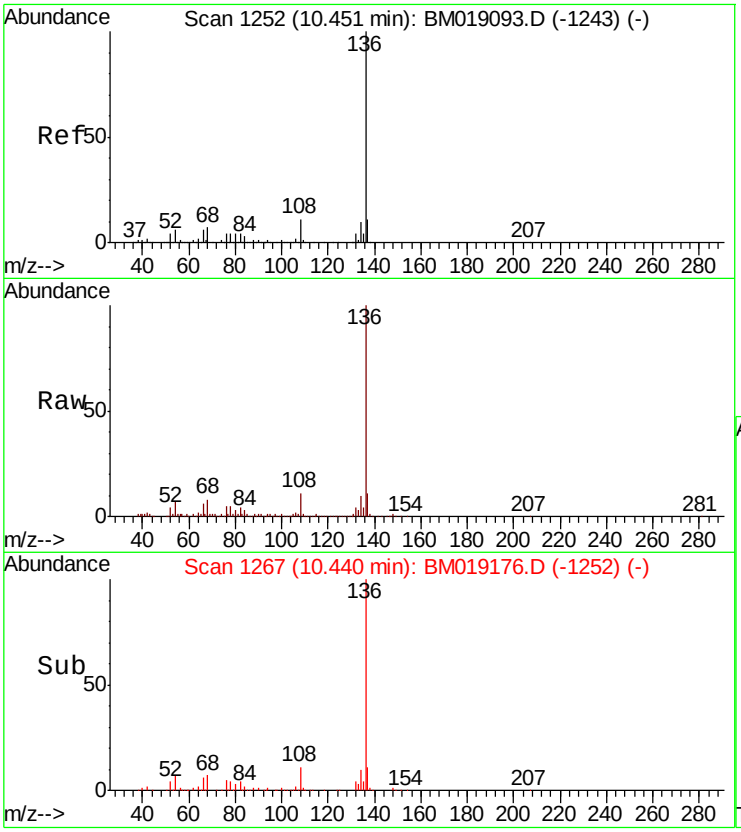


#18
Hexachloroethane
Concen: 35.377 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.02 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:117 Resp: 199832

Ion	Ratio	Lower	Upper
117	100		
119	884.7	77.4	116.2#
201	0.0	75.2	112.8#



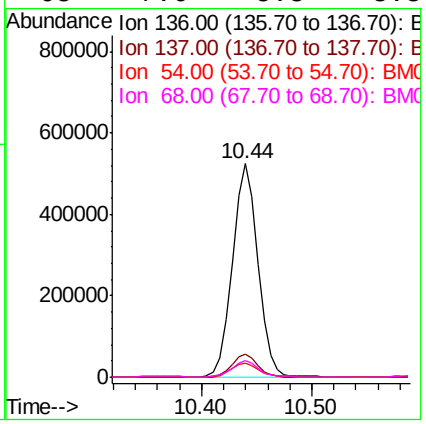


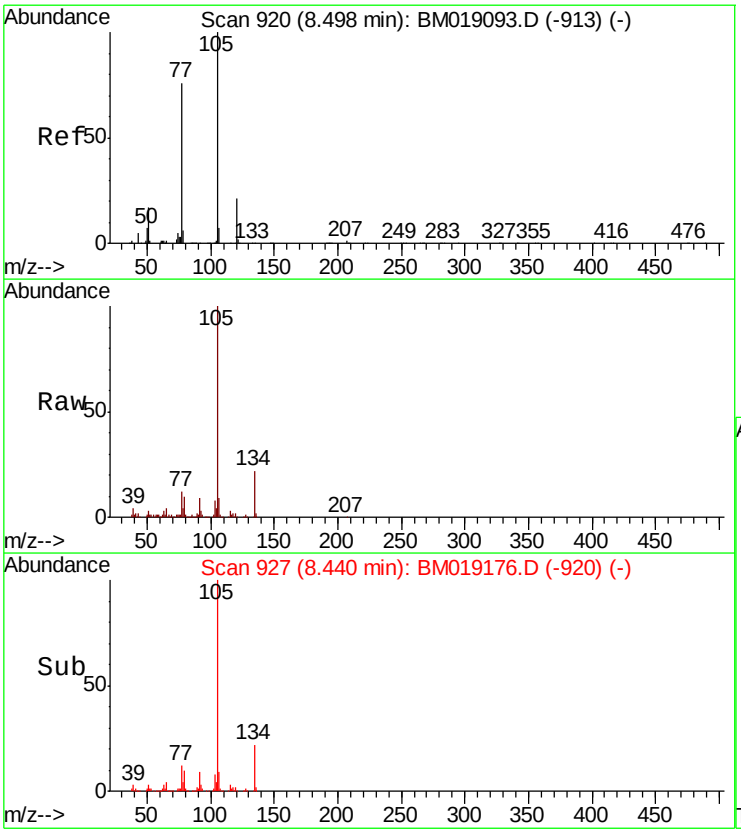
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:136 Resp: 851781

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.8	5.2	7.8
68	7.6	5.8	8.8

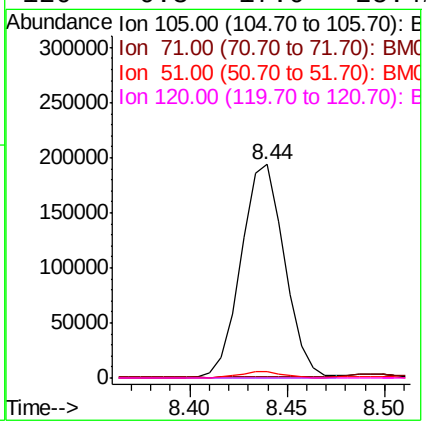


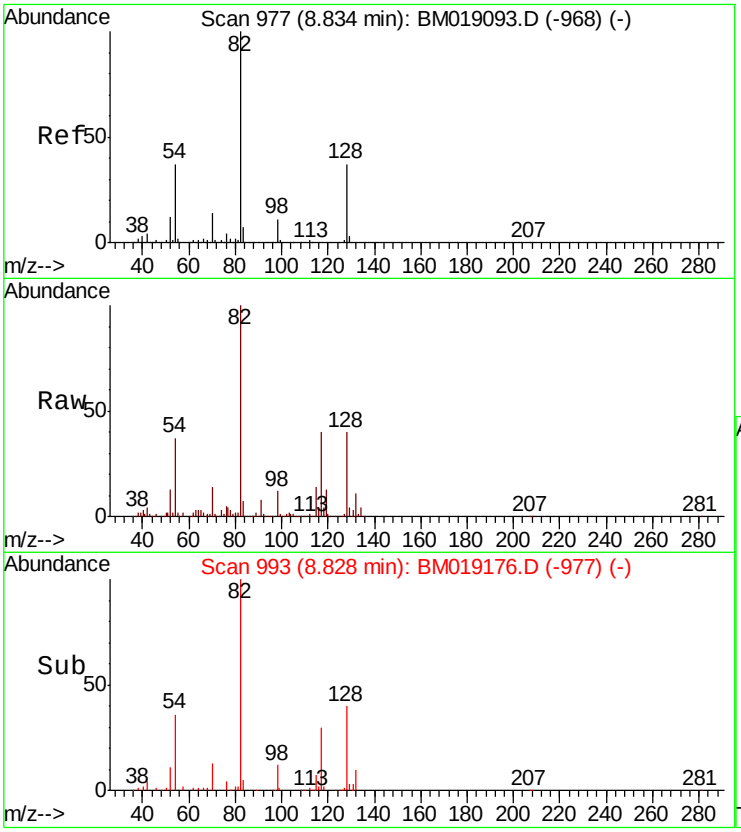


#22
Acetophenone
Concen: 12.693 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.06 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:105 Resp: 298788

Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	3.0	15.8	23.6#
120	0.3	17.0	25.4#



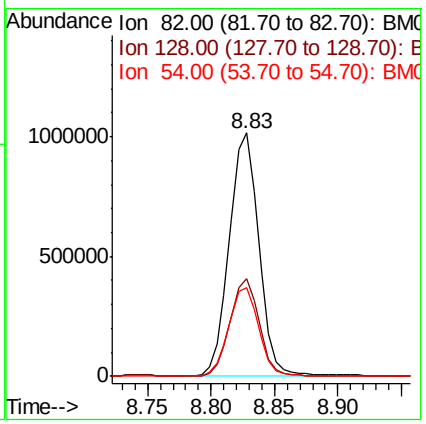


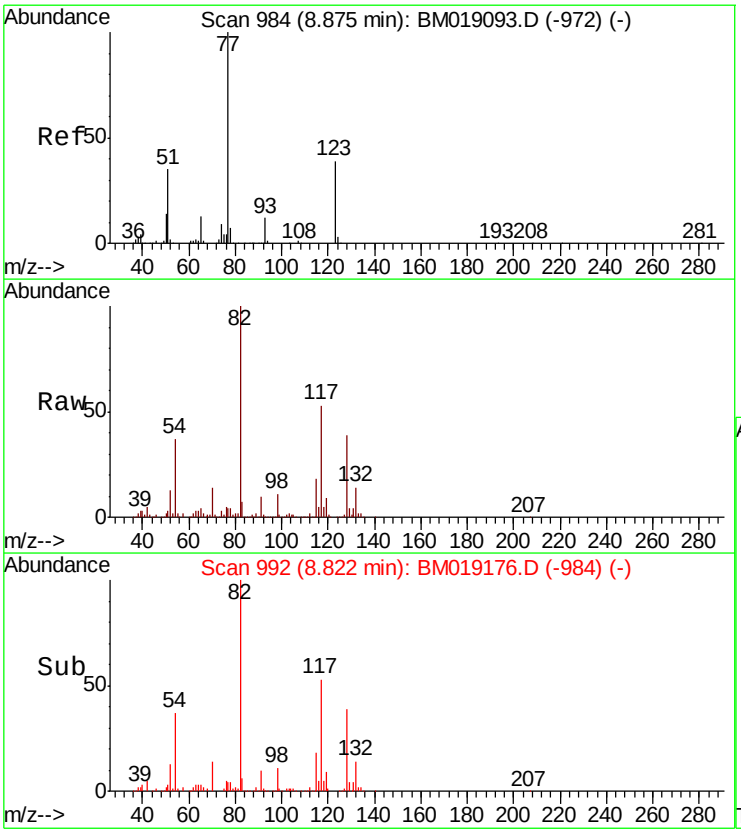
#23
Nitrobenzene-d5
Concen: 91.121 ng
RT: 8.83 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion: 82 Resp: 1641942

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.4	44.2
54	36.6	29.9	44.9

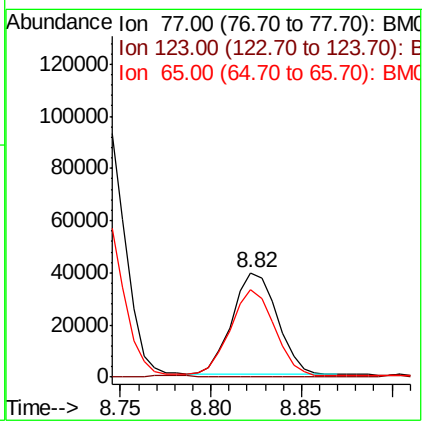


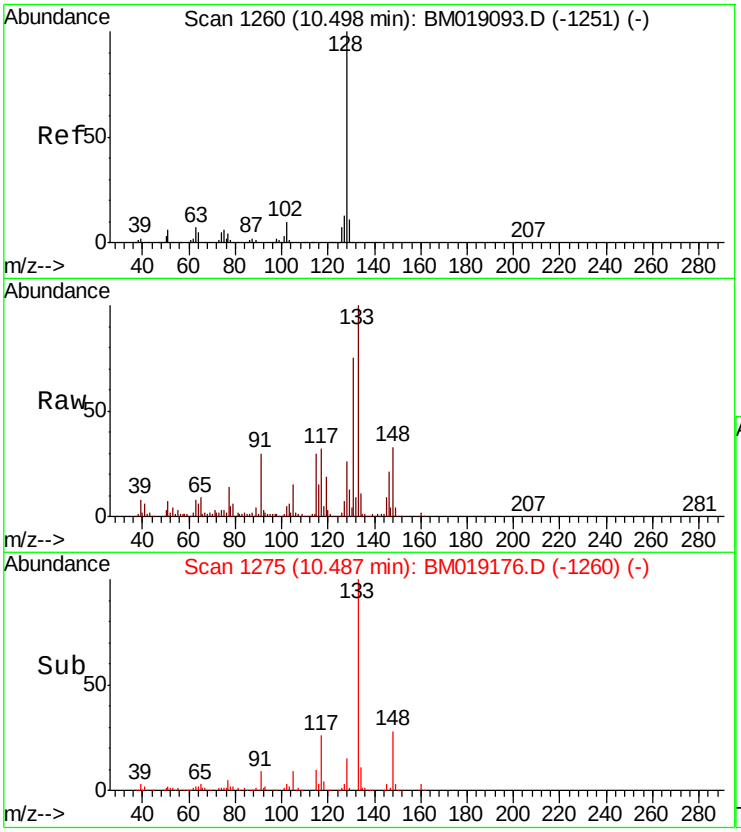


#24
Nitrobenzene
Concen: 3.636 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.05 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion: 77 Resp: 68132

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.3	46.9#
65	83.4	10.5	15.7#



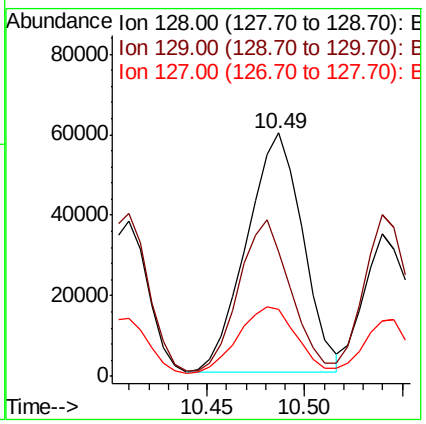


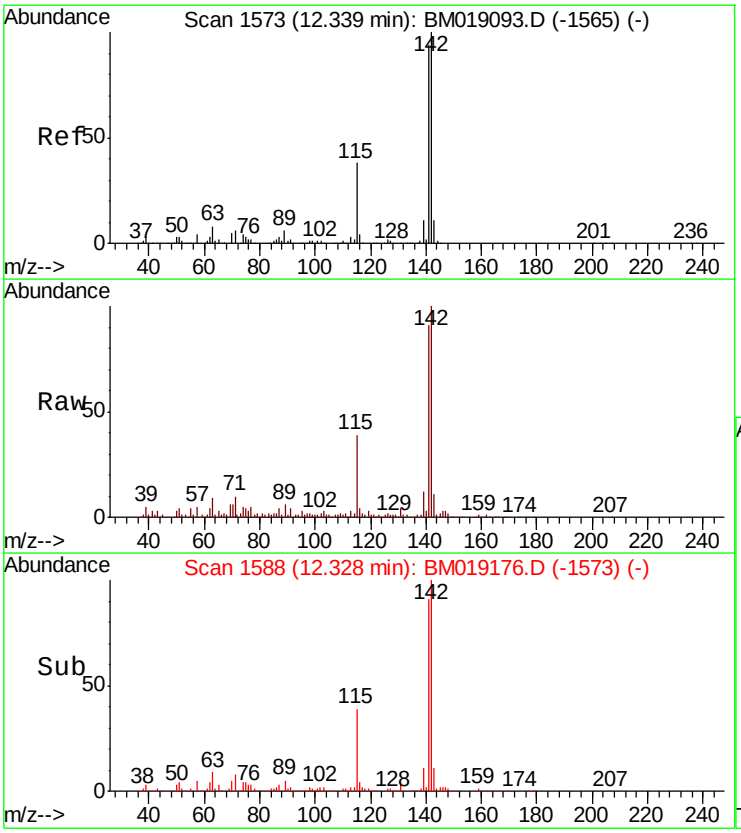
#31
Naphthalene
Concen: 2.626 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:128 Resp: 117878

Ion	Ratio	Lower	Upper
128	100		
129	51.0	8.6	13.0#
127	27.6	10.4	15.6#

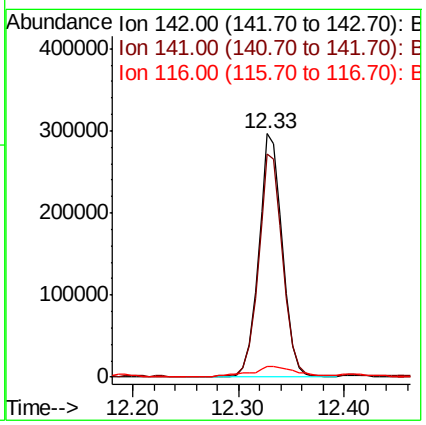


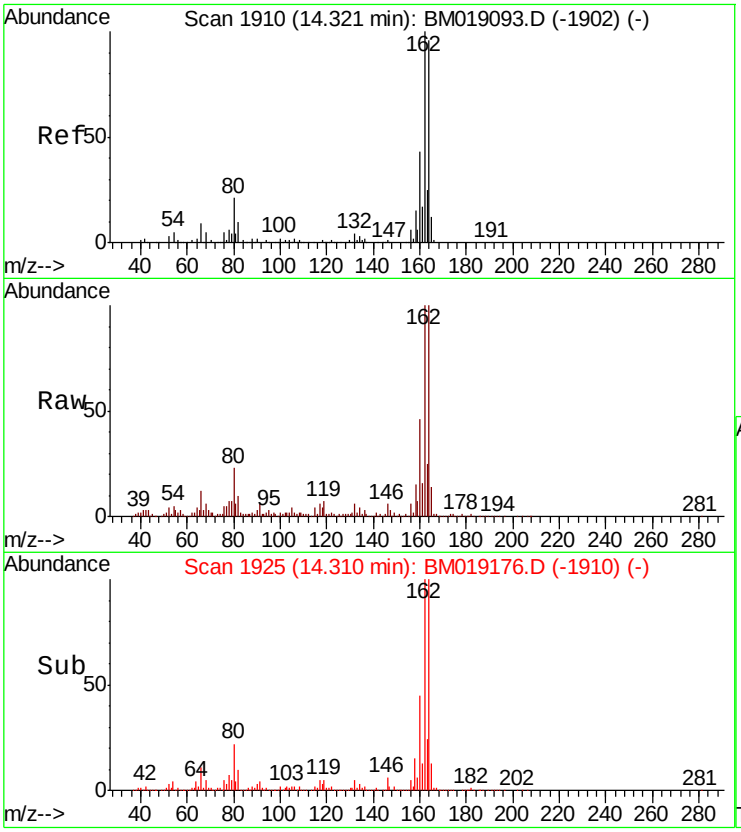


#38
1-Methylnaphthalene
Concen: 14.308 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:142 Resp: 460099

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3
116	4.4	3.2	4.8



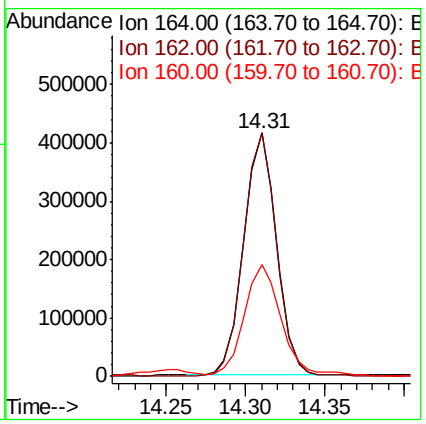


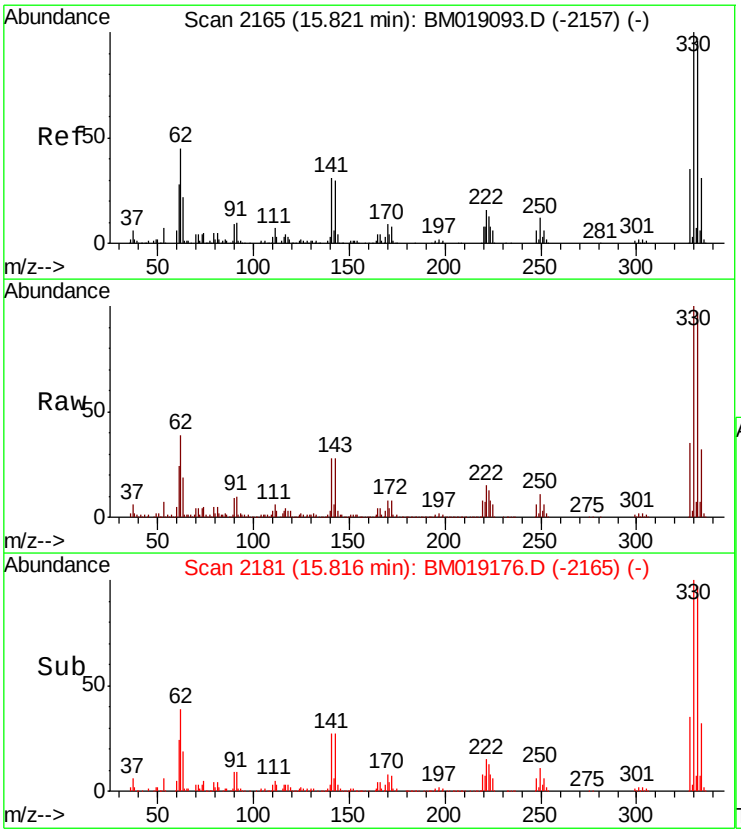
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:164 Resp: 595850

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.5	125.3
160	45.8	36.3	54.5

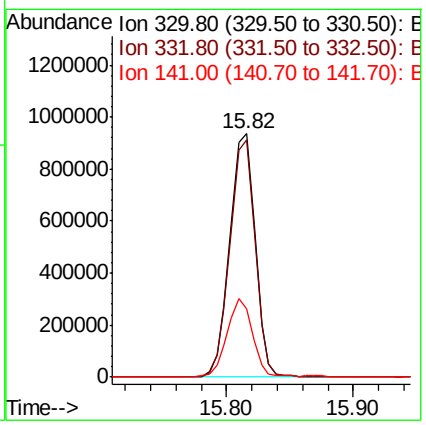


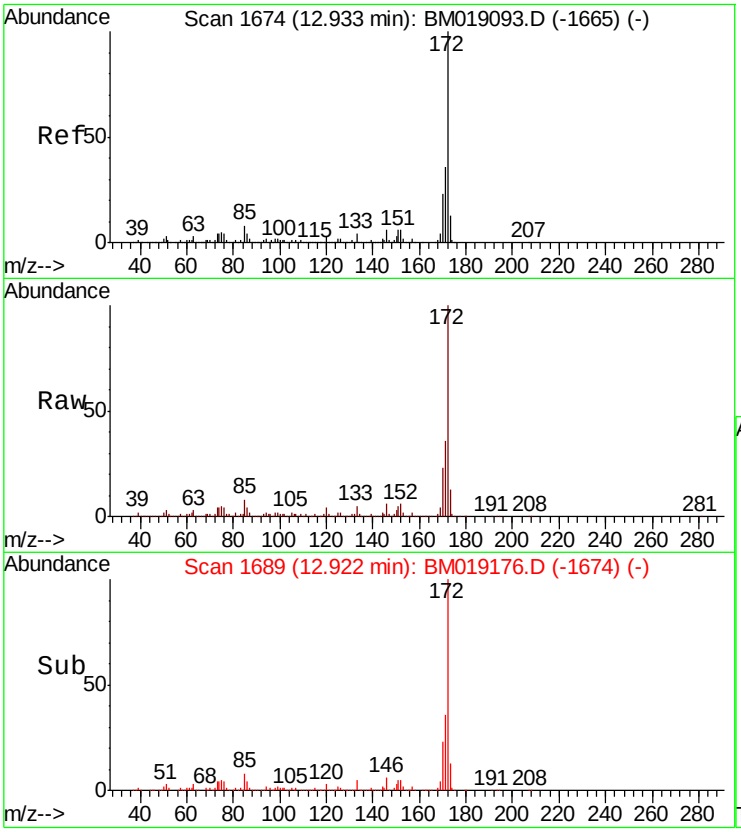


#42
2,4,6-Tribromophenol
Concen: 148.105 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:330 Resp: 1302958

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	31.3	27.0	40.4



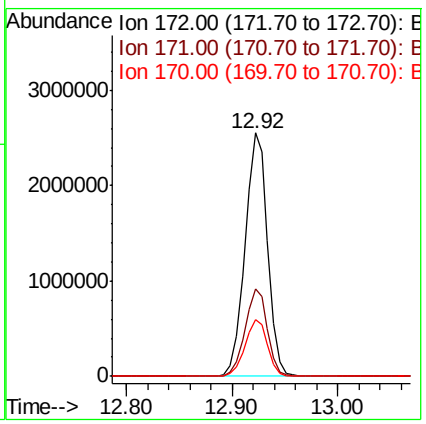


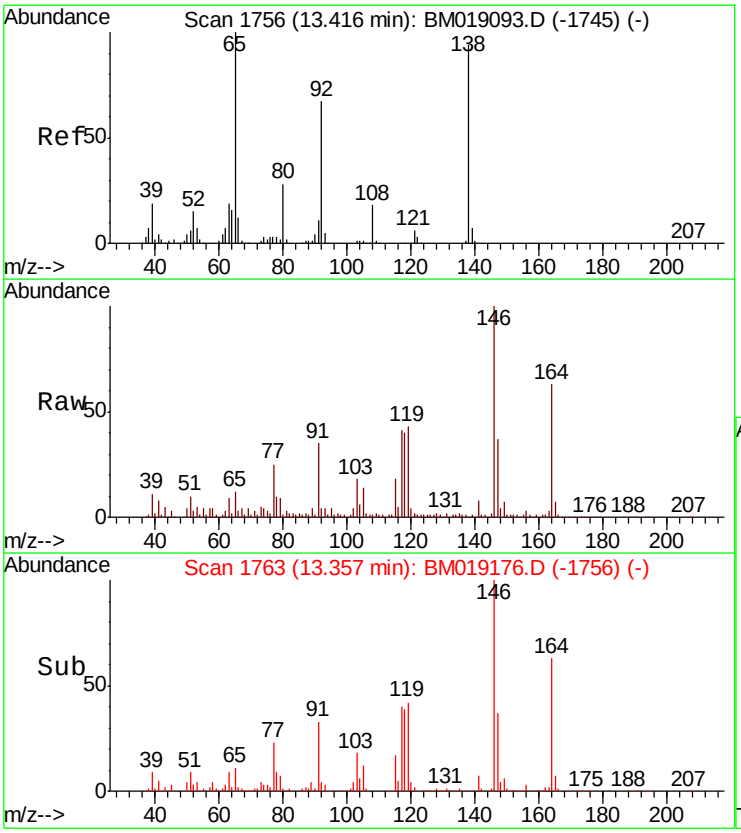
#45
2-Fluorobiphenyl
Concen: 82.252 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:172 Resp: 3767787

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.3	18.6	28.0

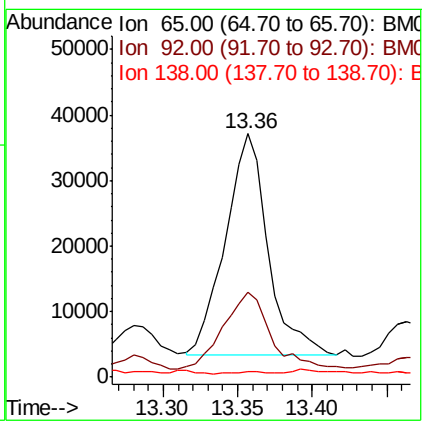


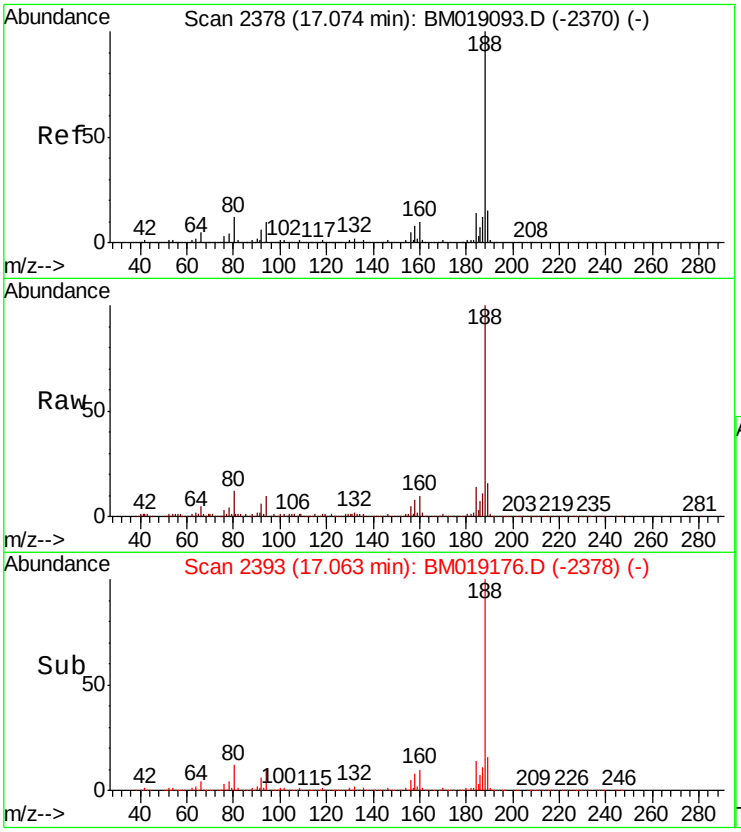


#48
2-Nitroaniline
Concen: 5.213 ng
RT: 13.36 min Scan# 1763
Delta R.T. -0.06 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion: 65 Resp: 67907

Ion	Ratio	Lower	Upper
65	100		
92	35.1	53.4	80.2#
138	2.3	74.9	112.3#



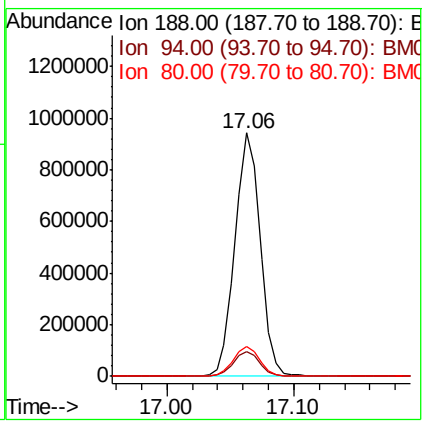


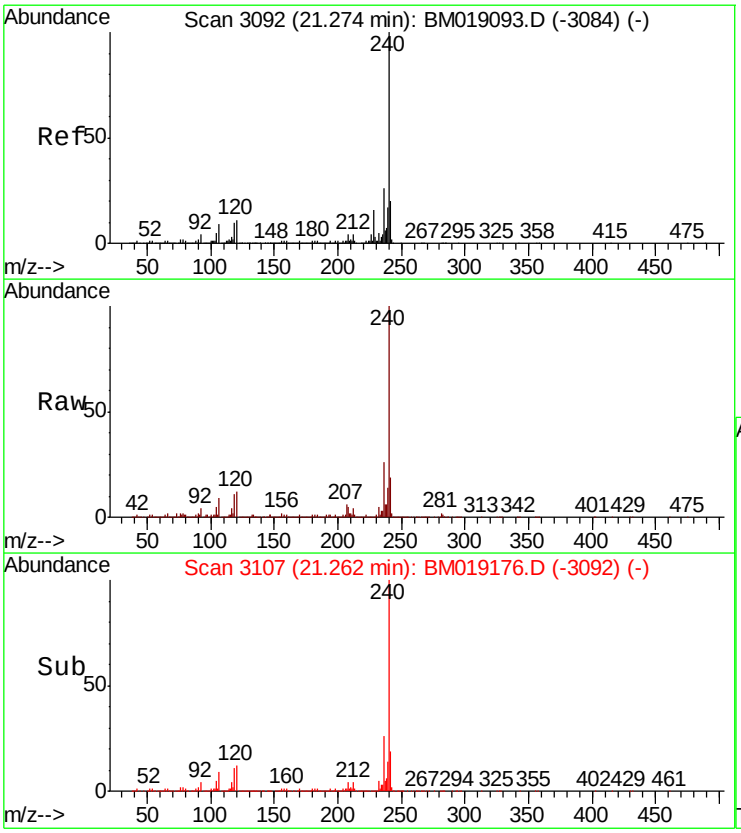
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:188 Resp: 1298973

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	12.5	9.7	14.5

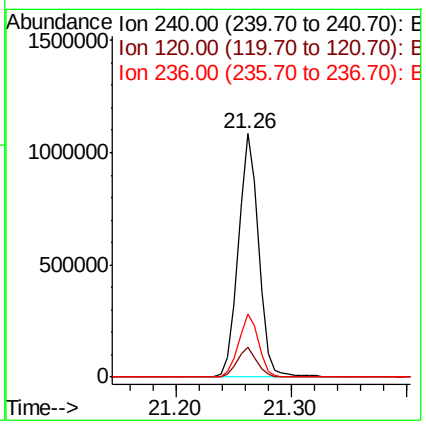


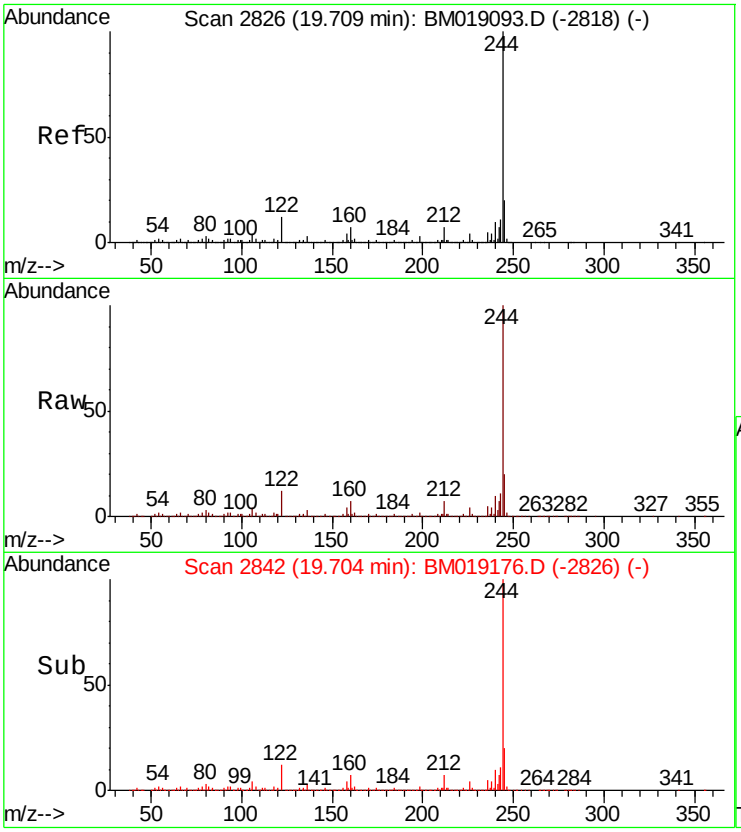


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:240 Resp: 1317786

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	26.2	21.0	31.4



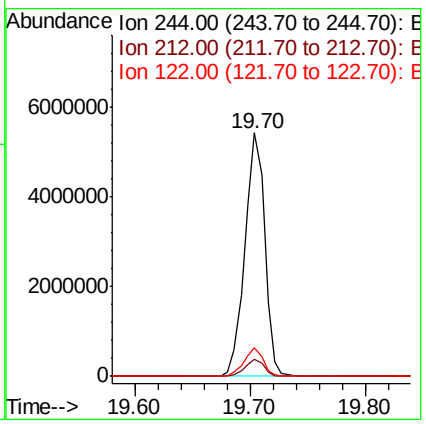


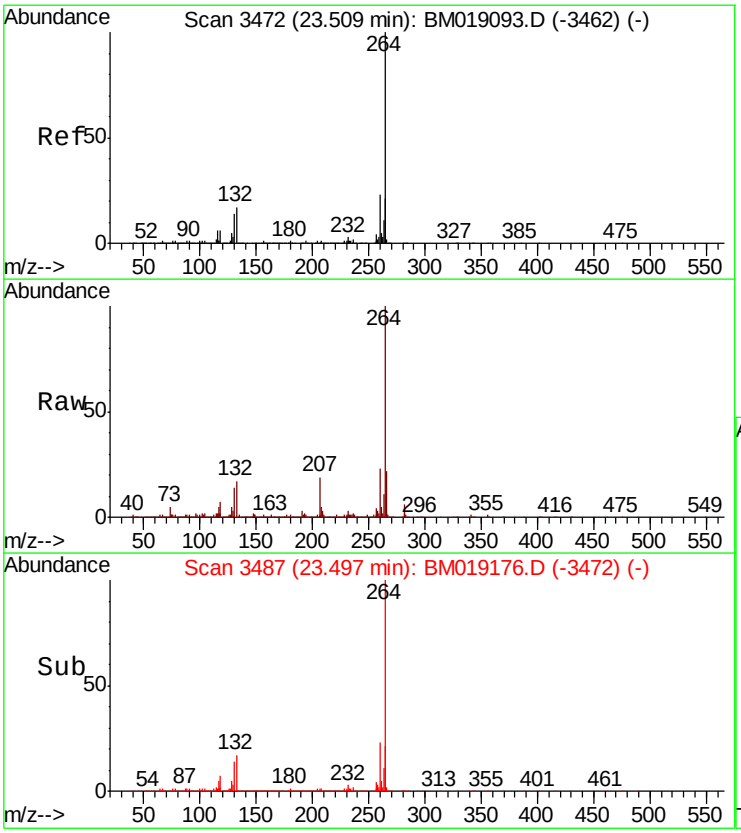
#79
Terphenyl-d14
Concen: 97.769 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW10-GW

Tgt Ion:244 Resp: 6489920

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019176.D
Acq: 14 Mar 2019 19:18

Tgt Ion:264 Resp: 1185156

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.8	17.3	25.9