Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019175.D
Acq On : 14 Mar 2019 18:42
Operator : JU/SJ
Sample : K1894-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
Sohil
3/15/2019 5:51:13 PM

Quant Time: Mar 15 07:23:42 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	251917	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1108507	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	746169	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1517984	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1240325	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1082562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1082699	69.60	ng	0.01
7) Phenol-d6	6.85	99	1164299	51.17	ng	0.00
23) Nitrobenzene-d5	8.83	82	2134390	91.02	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1457520	132.30	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4526364	78.91	ng	0.00
79) Terphenyl-d14	19.70	244	6634954	106.20	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.87	94	81097	3.307	ng	# 1
20) 3+4-Methylphenols	8.43	107	150726	6.949	ng	# 35
22) Acetophenone	8.49	105	195974	6.397	ng	# 99
27) 2,4-Dimethylphenol	9.67	122	1781007m	118.504	ng	
31) Naphthalene	10.50	128	15551690	266.175	ng	95
37) 2-Methylnaphthalene	12.12	142	2325716	54.778	ng	99
38) 1-Methylnaphthalene	12.33	142	1718790	41.072	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BM019175.D
Acq On : 14 Mar 2019 18:42
Operator : JU/SJ
Sample : K1894-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 15 07:23:42 2019
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Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
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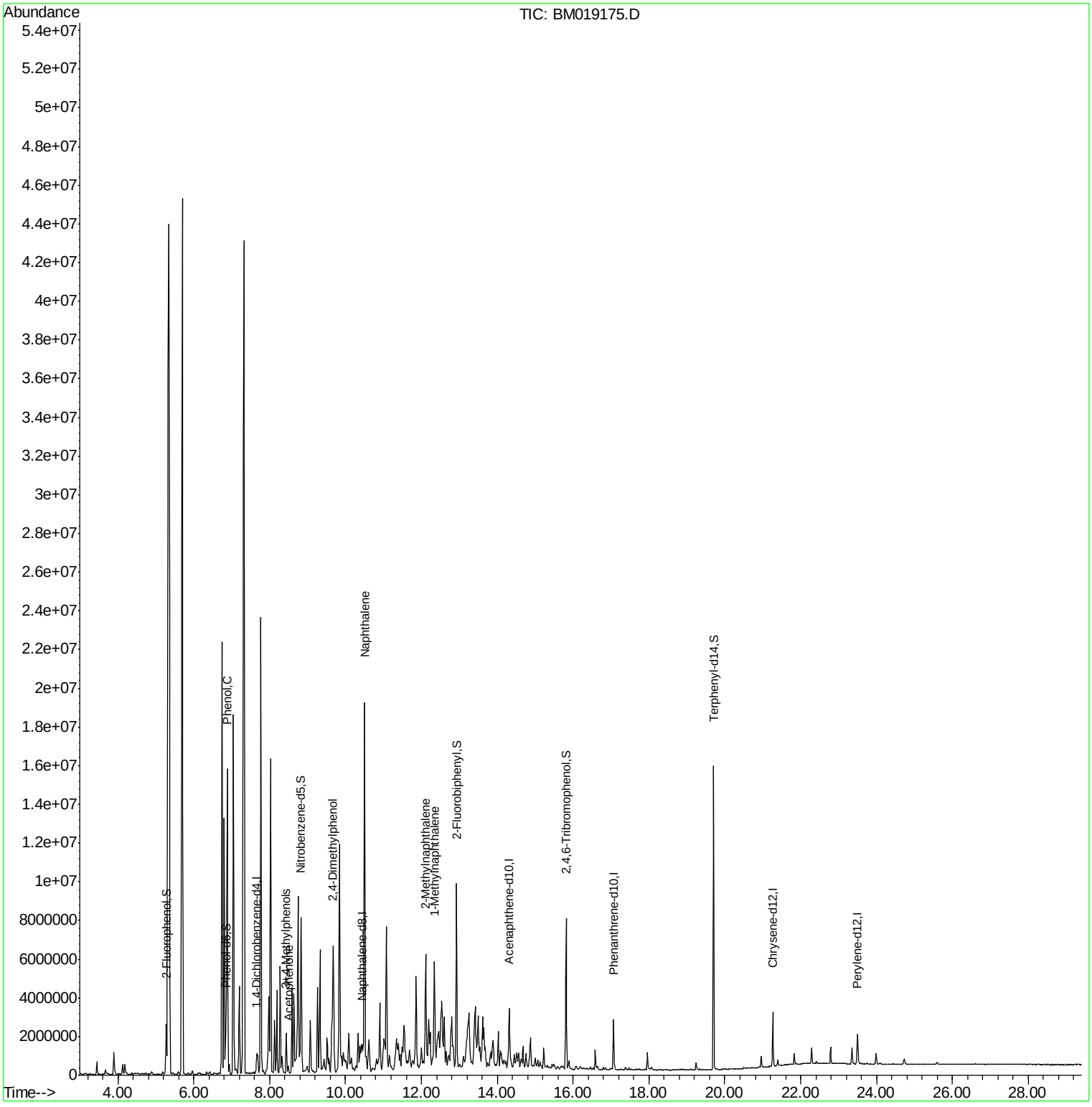
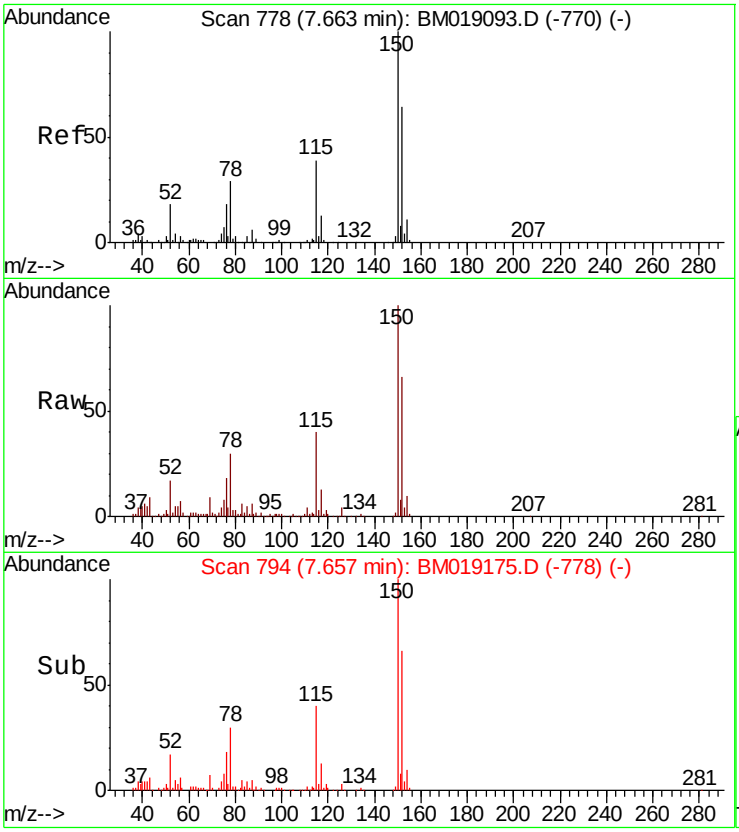
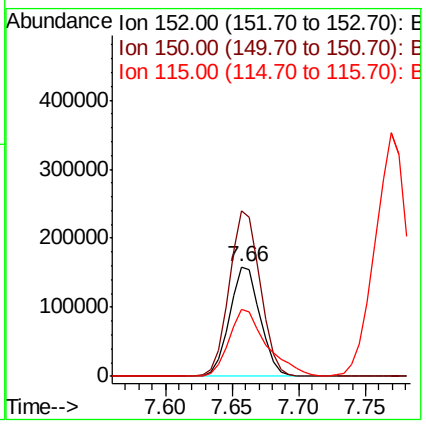




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:152 Resp: 251917

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	61.1	49.4	74.0



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
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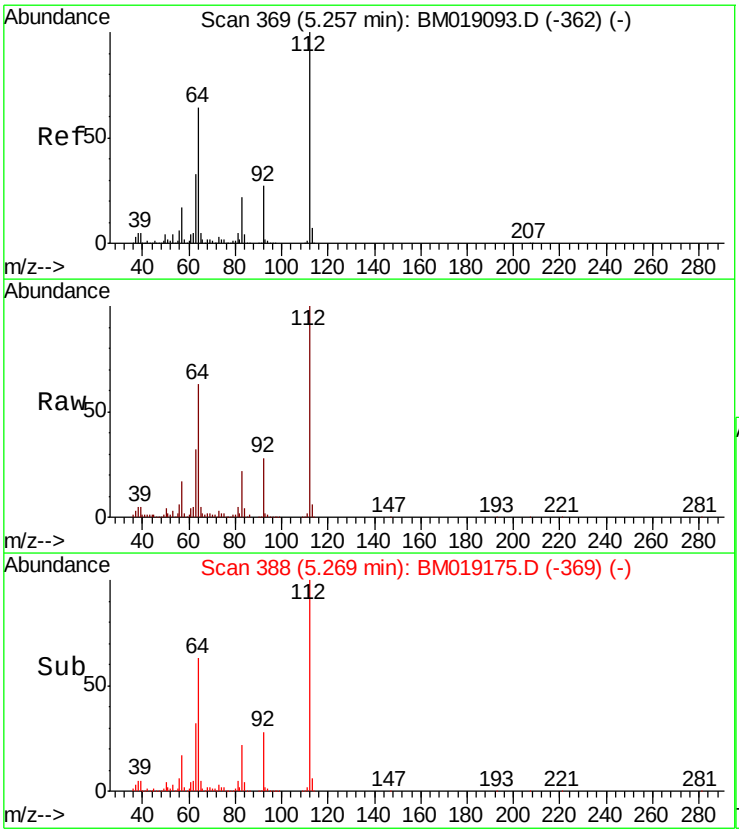
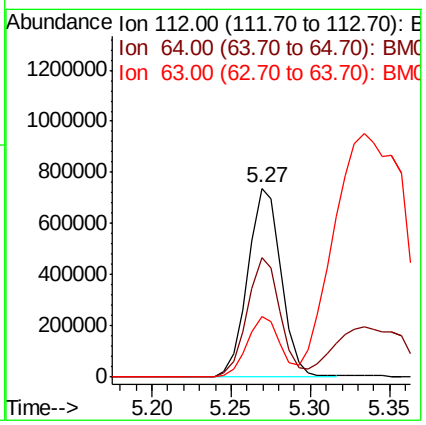
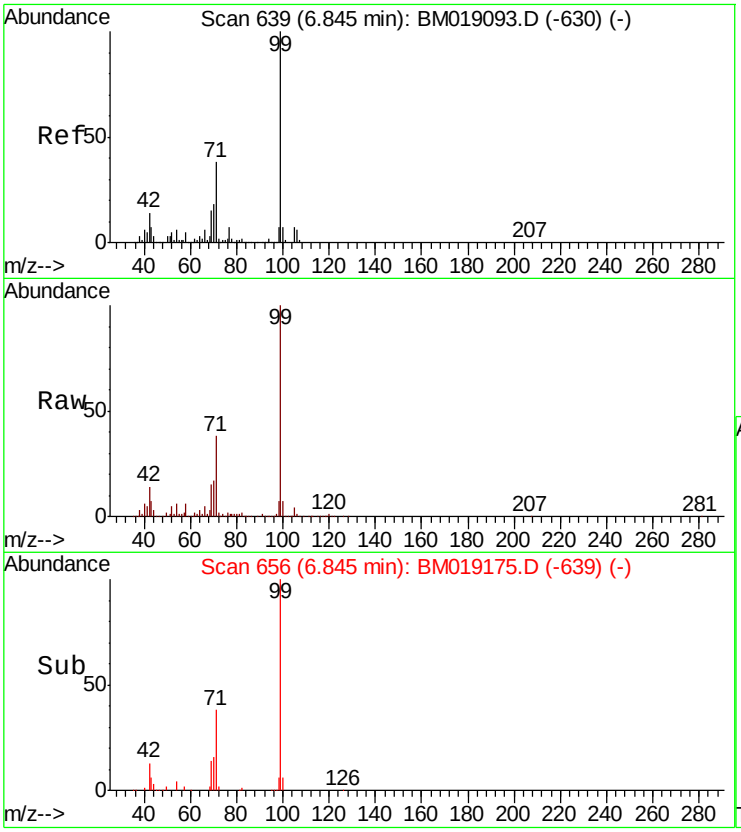


#5
2-Fluorophenol
Concen: 69.603 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:112 Resp: 1082699

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.4	77.0
63	32.4	26.6	40.0

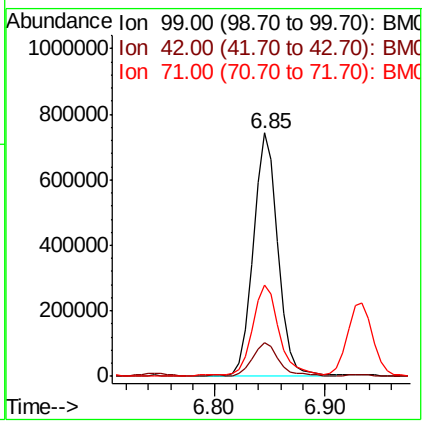




#7
Phenol-d6
Concen: 51.171 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion: 99 Resp: 1164299

Ion	Ratio	Lower	Upper
99	100		
42	14.1	10.9	16.3
71	37.7	30.3	45.5



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

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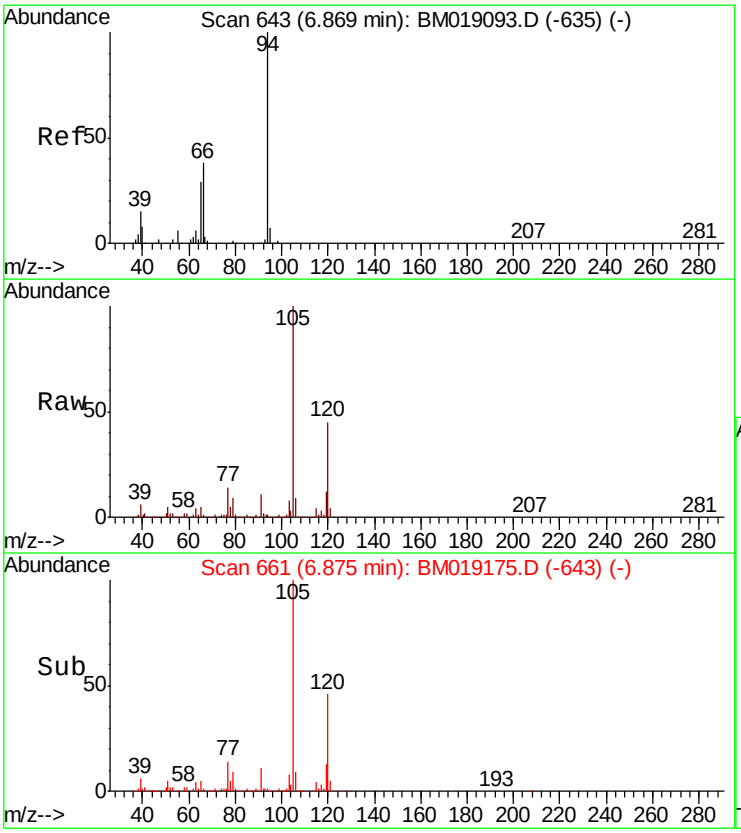
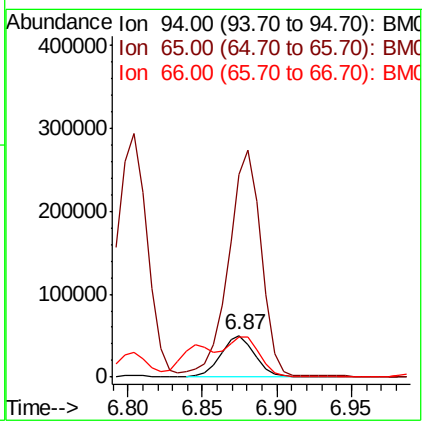
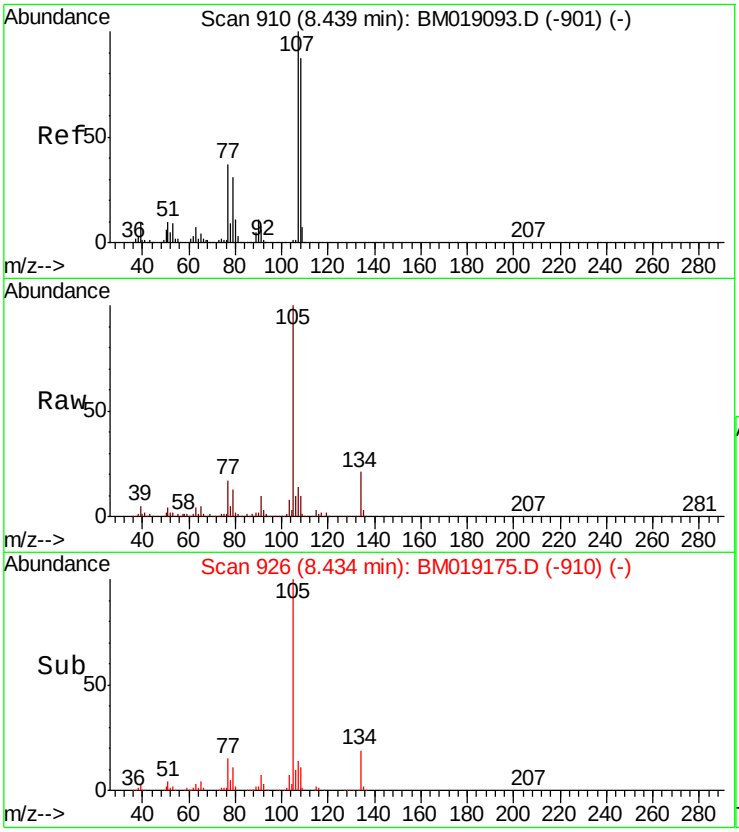


#10
Phenol
Concen: 3.307 ng
RT: 6.87 min Scan# 661
Delta R.T. 0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion: 94 Resp: 81097

Ion	Ratio	Lower	Upper
94	100		
65	481.5	9.7	49.7#
66	96.5	19.2	59.2#

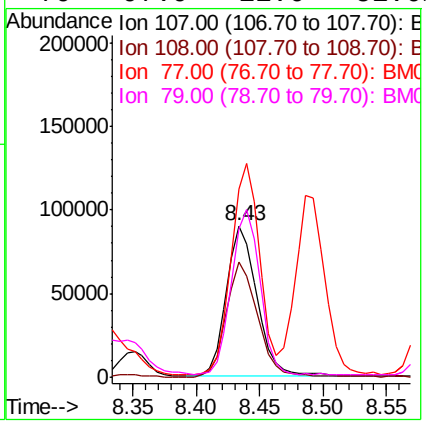




#20
3+4-Methylphenols
Concen: 6.949 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:107 Resp: 150726

Ion	Ratio	Lower	Upper
107	100		
108	76.1	67.0	107.0
77	123.9	17.3	57.3#
79	97.9	11.6	51.6#



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
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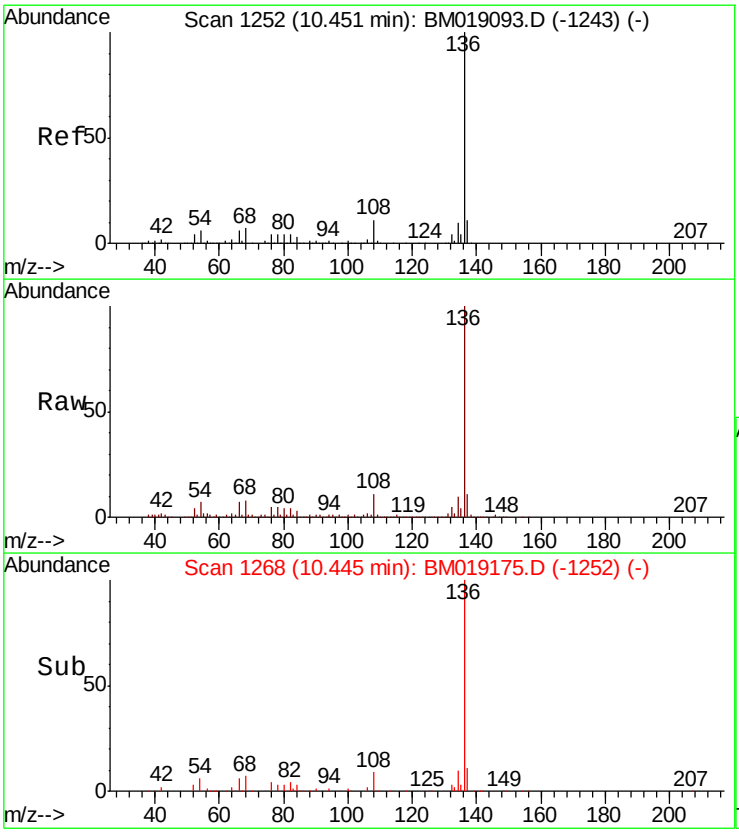
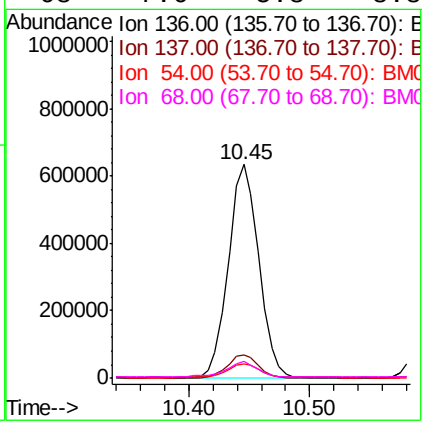
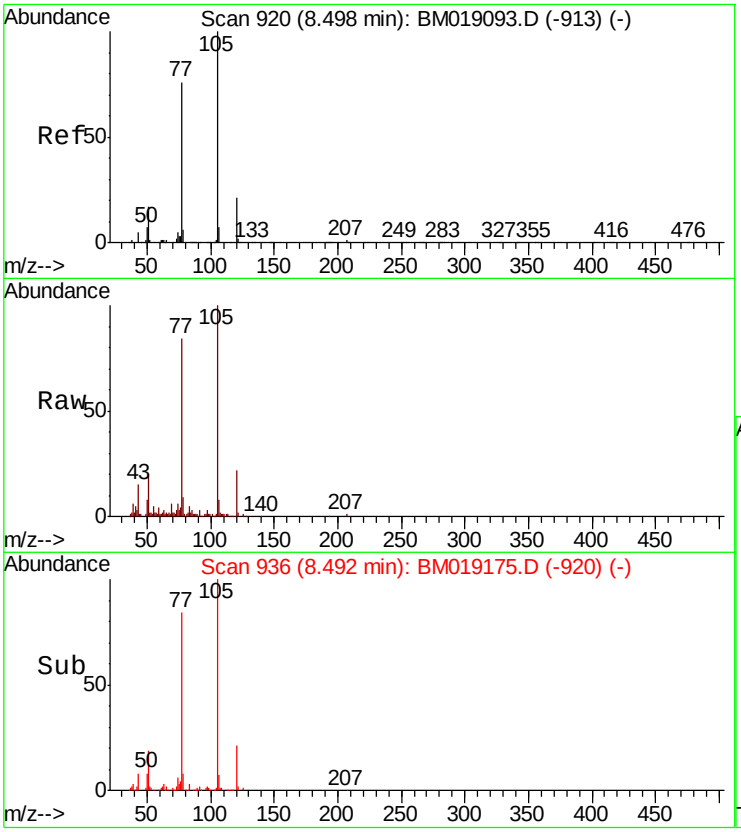


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:136 Resp: 1108507

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

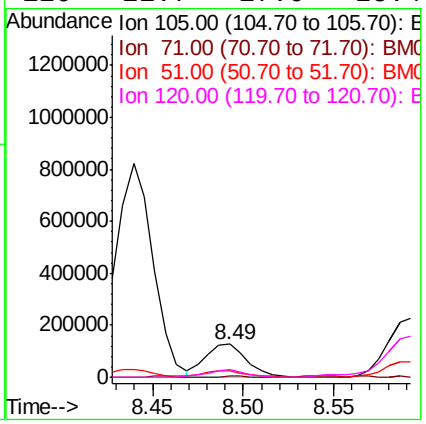




#22
Acetophenone
Concen: 6.397 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:105 Resp: 195974

Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.8	1.2#
51	19.6	15.8	23.6
120	21.7	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

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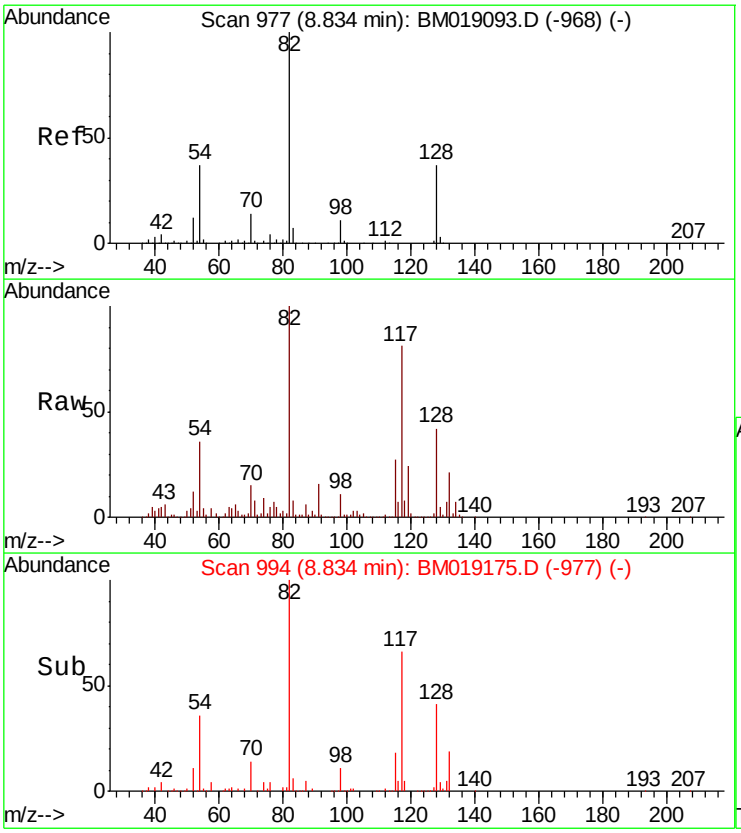
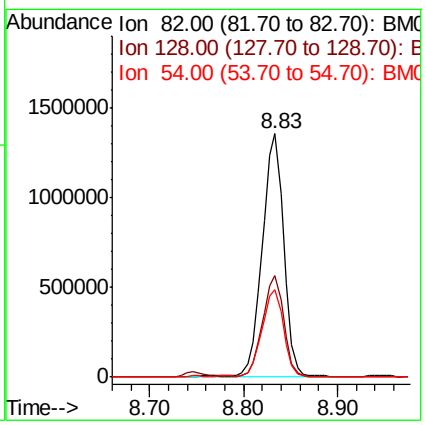
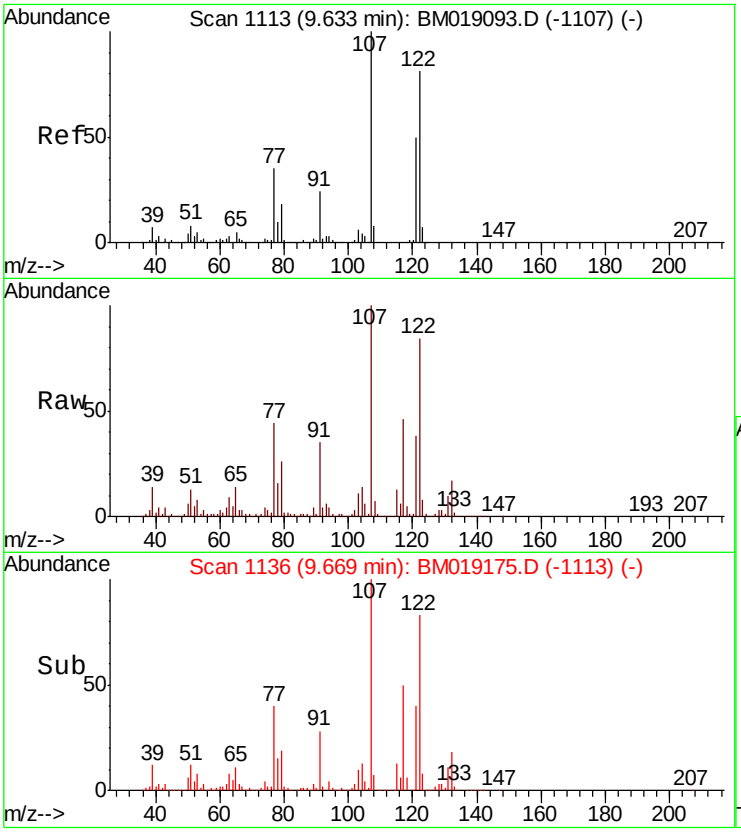


#23
Nitrobenzene-d5
Concen: 91.017 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.00 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion: 82 Resp: 2134390

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.4	44.2
54	35.8	29.9	44.9





#27
2,4-Dimethylphenol
Concen: 118.504 ng m
RT: 9.67 min Scan# 1136
Delta R.T. 0.04 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:122 Resp: 1781007

Ion	Ratio	Lower	Upper
122	100		
107	118.4	98.2	147.4
121	45.3	48.8	73.2#

Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
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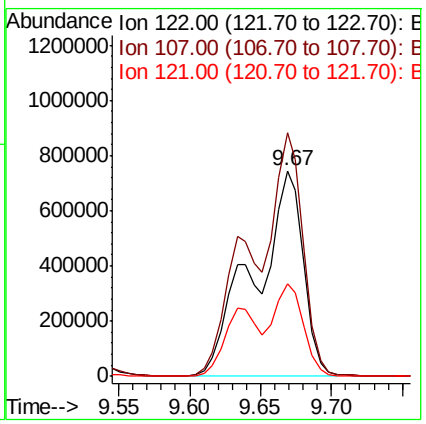
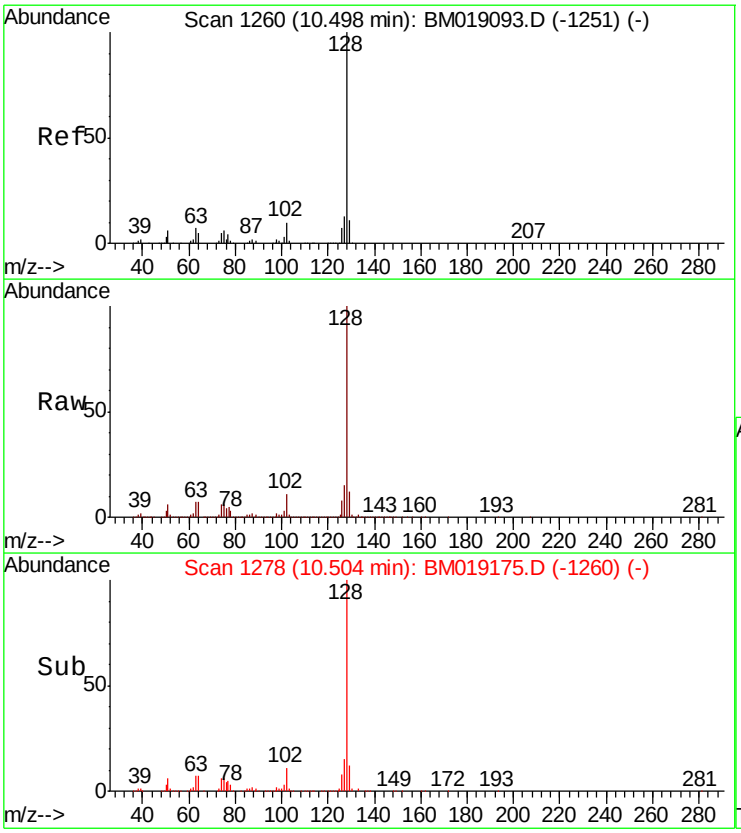
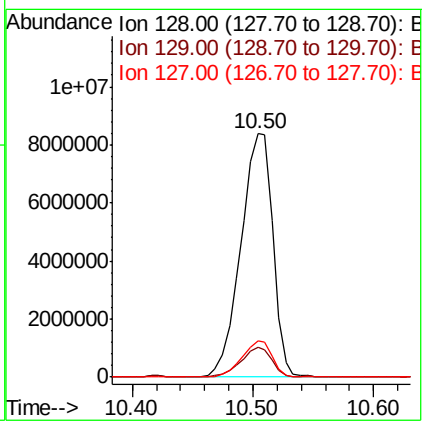


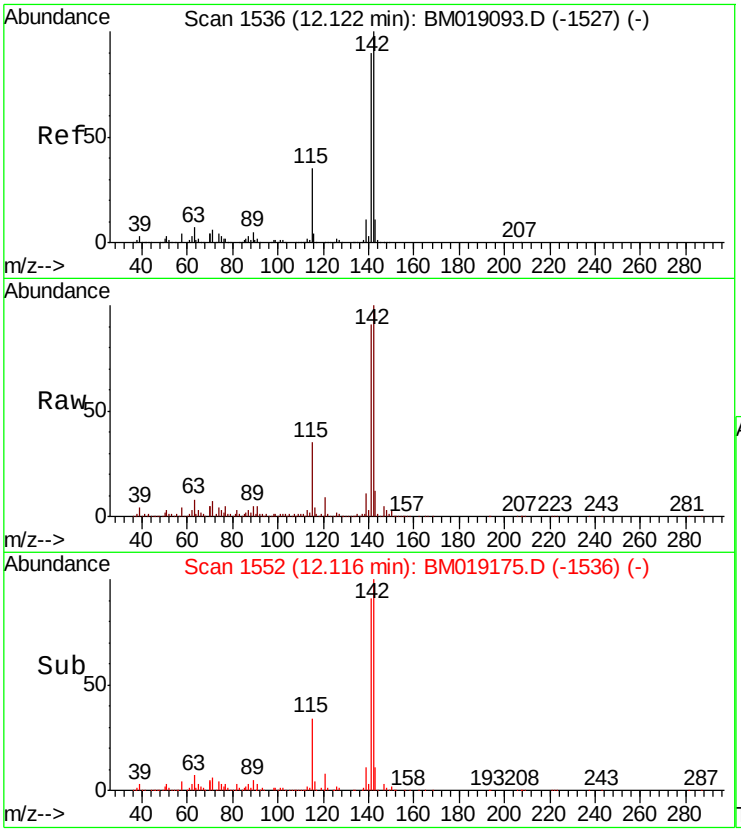


#31
Naphthalene
Concen: 266.175 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:128 Resp:15551690

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	14.9	10.4	15.6

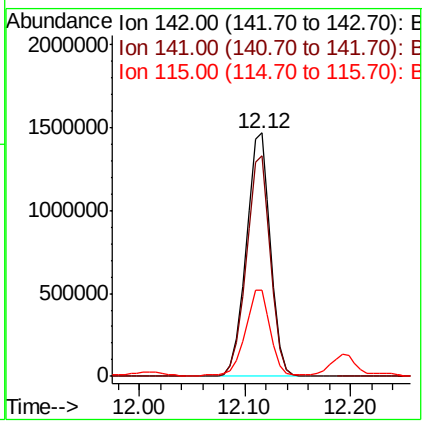




#37
2-Methylnaphthalene
Concen: 54.778 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:142 Resp: 2325716

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5
115	35.5	27.8	41.8



Instrument :
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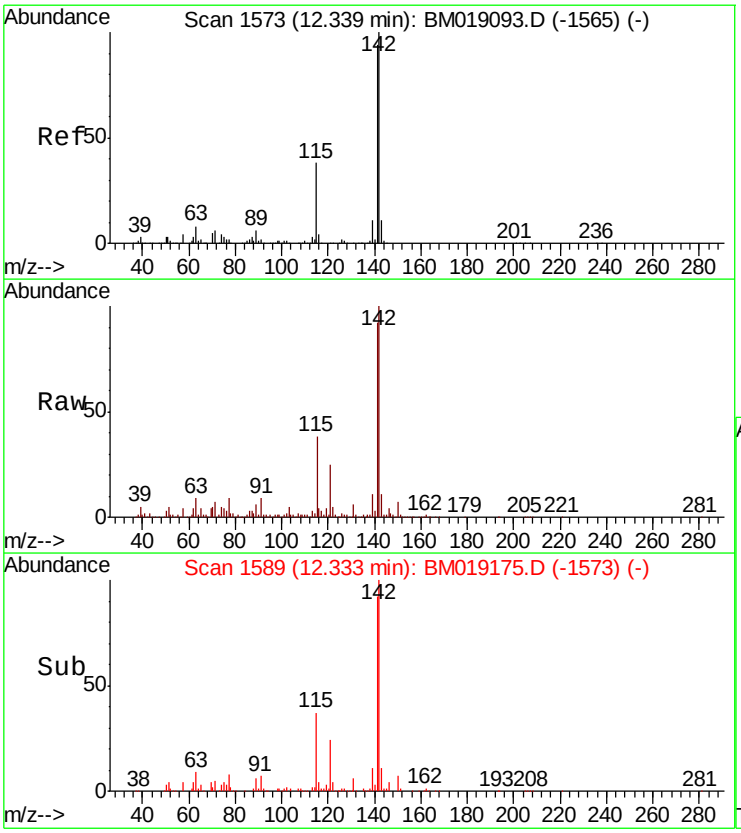
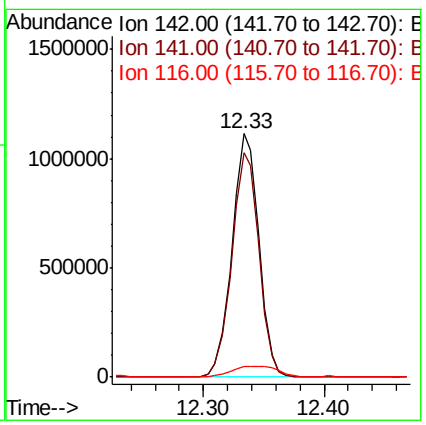
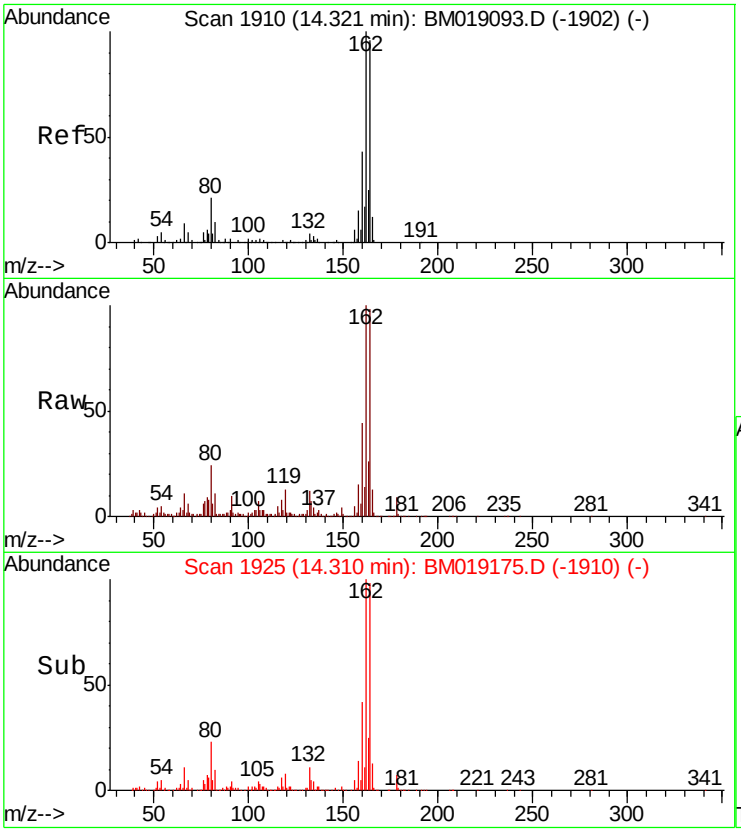


#38
1-Methylnaphthalene
Concen: 41.072 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:142 Resp: 1718790

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3
116	4.4	3.2	4.8

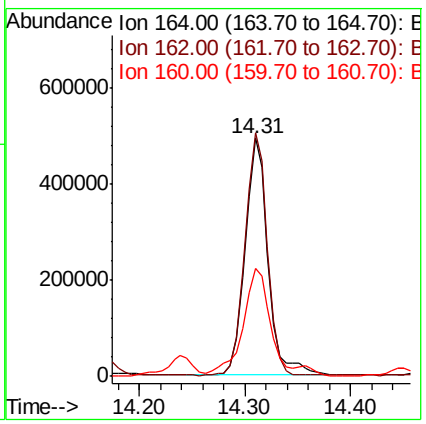




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:164 Resp: 746169

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.5	125.3
160	45.1	36.3	54.5



Instrument :
BNA_M
ClientSampleId :
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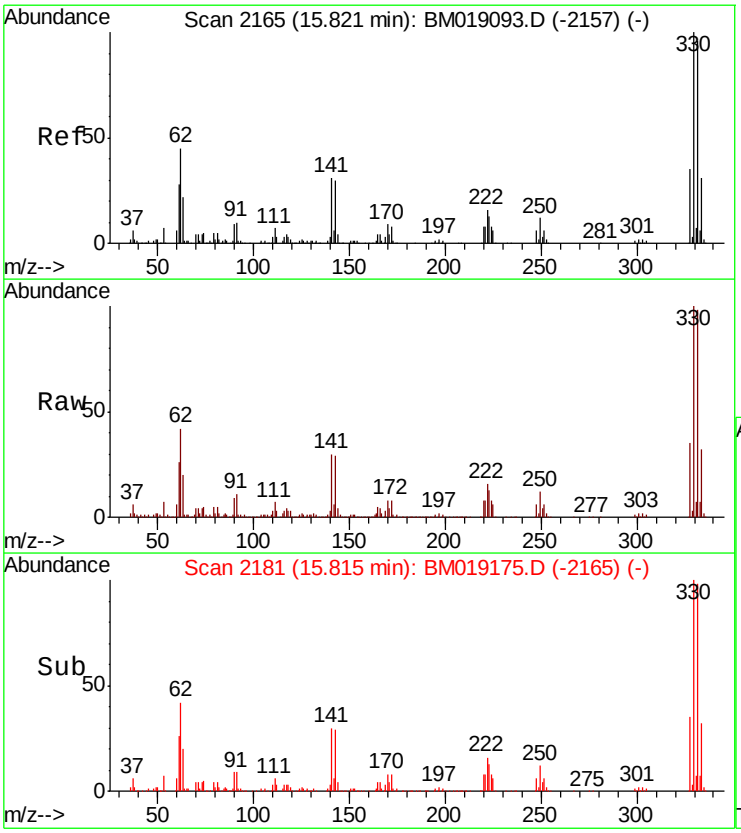
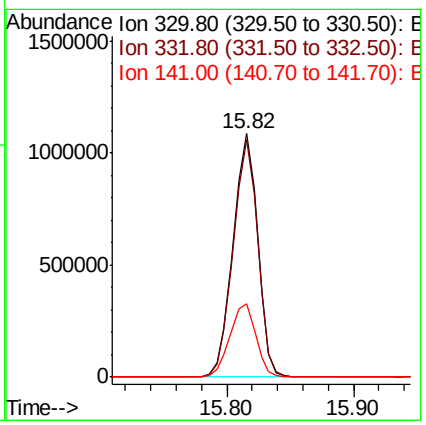
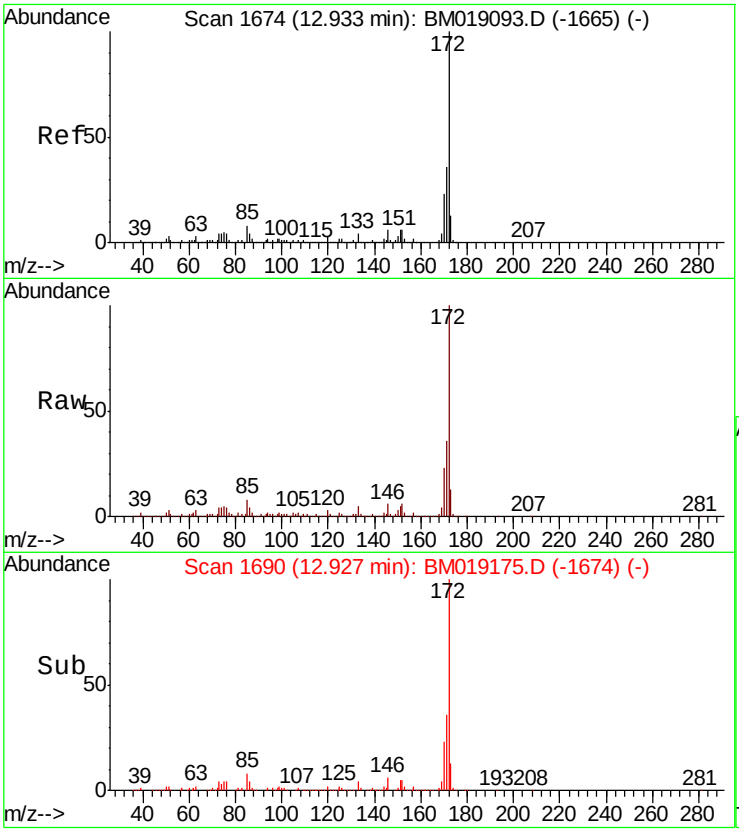


#42
2,4,6-Tribromophenol
Concen: 132.298 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:330 Resp: 1457520

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	31.4	27.0	40.4

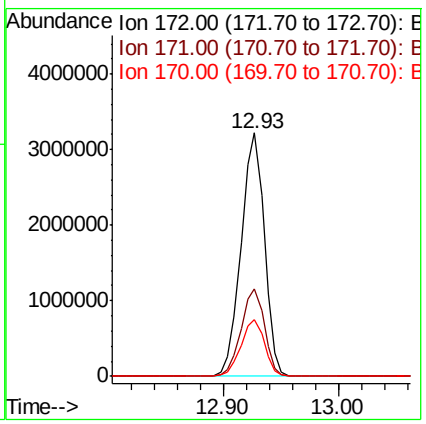




#45
2-Fluorobiphenyl
Concen: 78.906 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:172 Resp: 4526364

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.4	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
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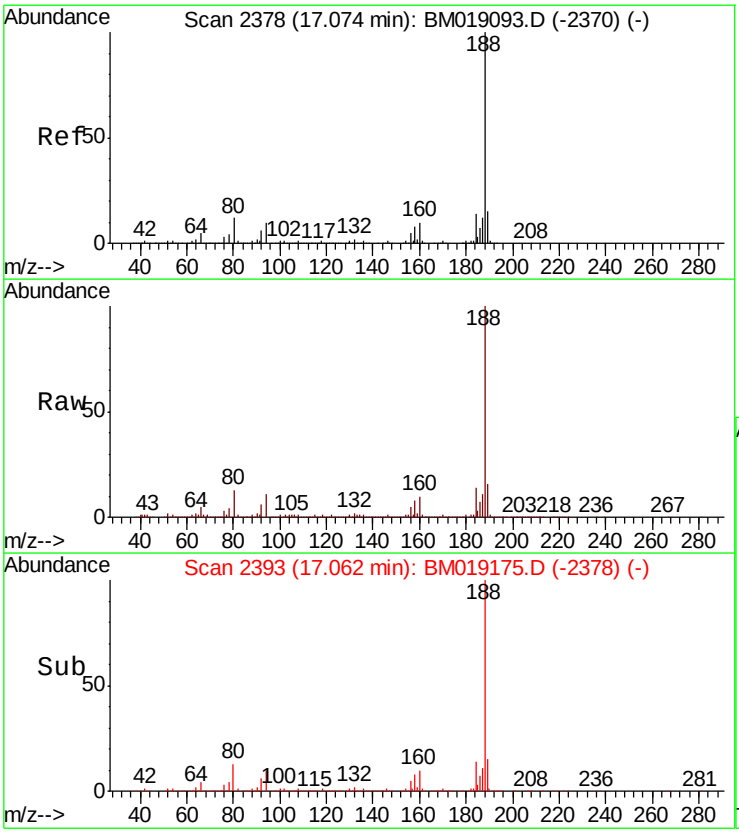
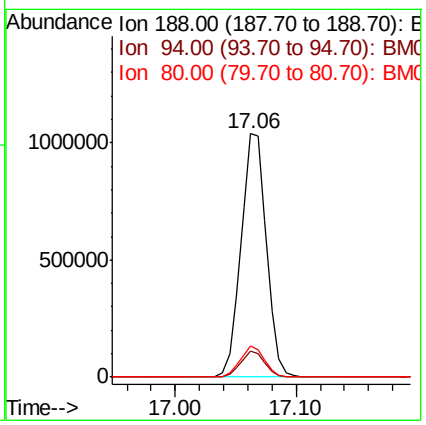
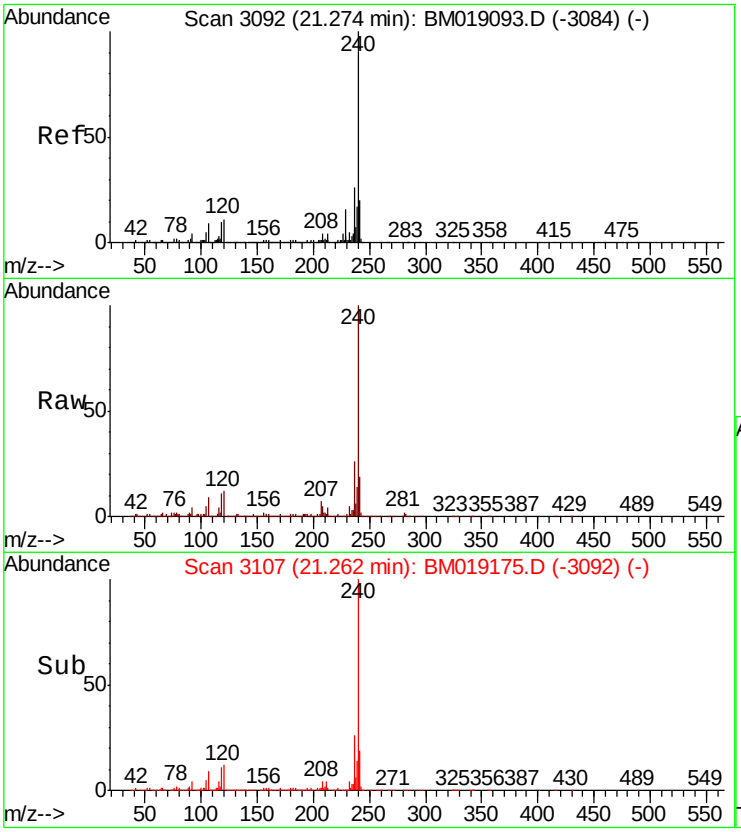


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:188 Resp: 1517984

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.8	9.7	14.5

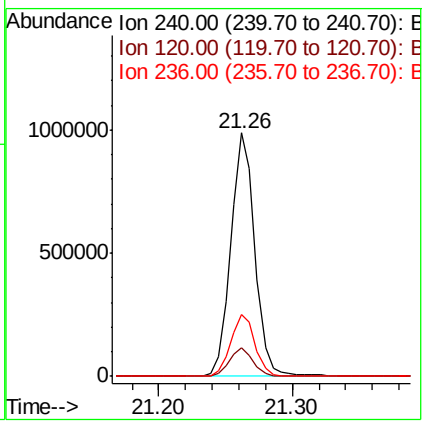




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:240 Resp: 1240325

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.7	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

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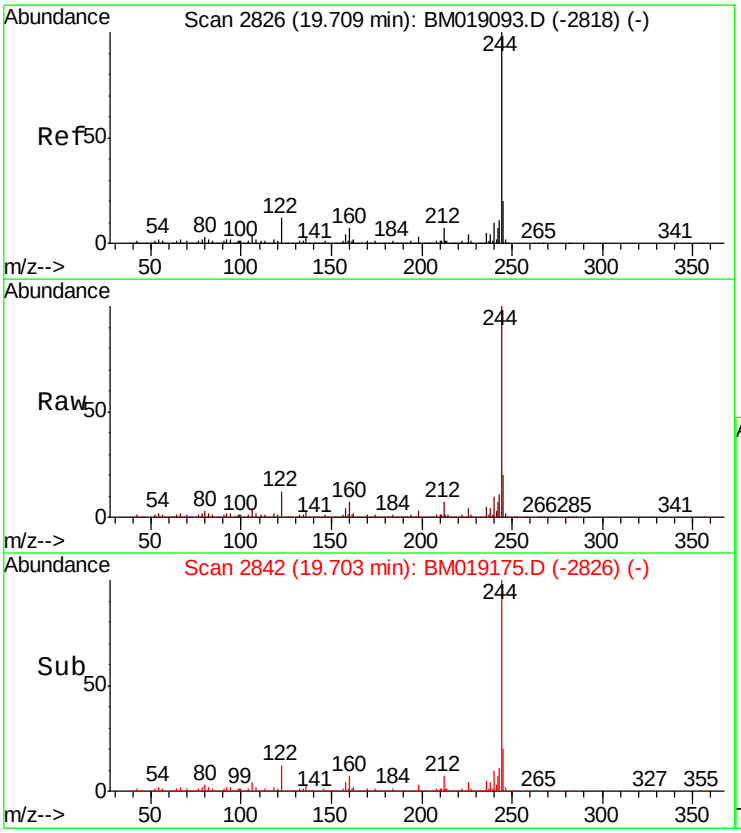
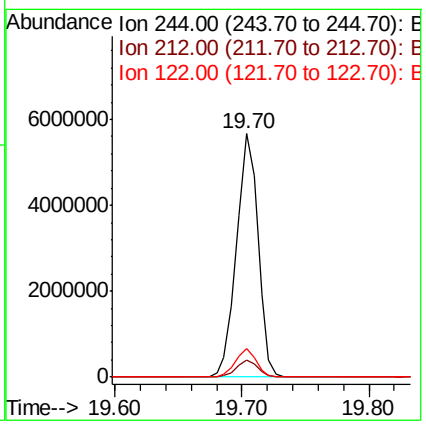
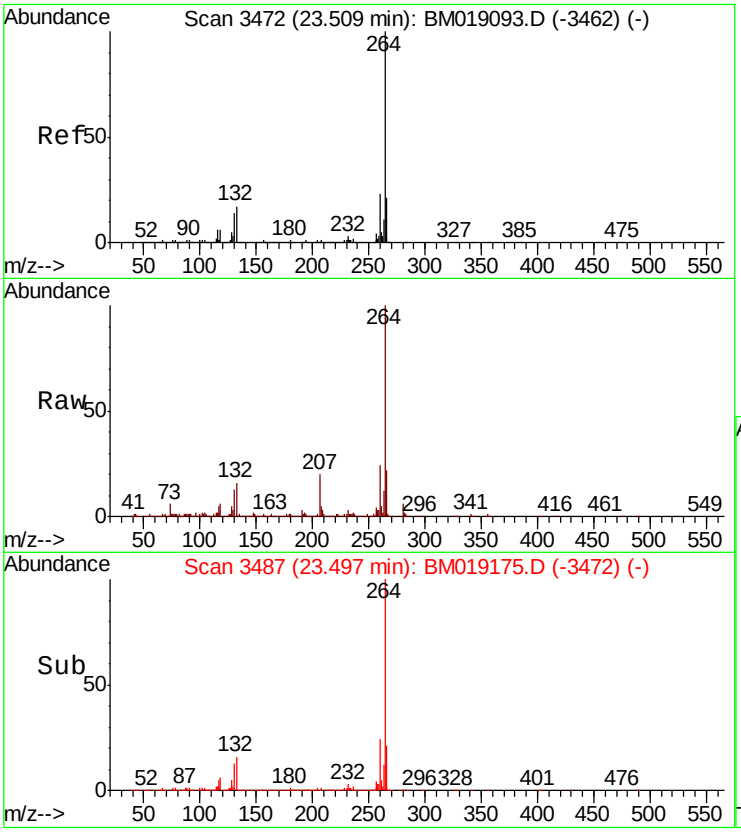


#79
Terphenyl-d14
Concen: 106.197 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:244 Resp: 6634954

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

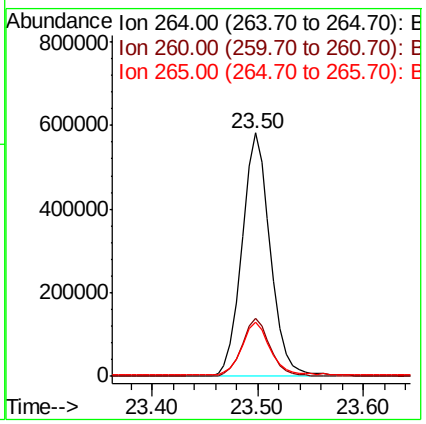




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019175.D
Acq: 14 Mar 2019 18:42

Tgt Ion:264 Resp: 1082562

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.3	25.9



Instrument :
BNA_M
ClientSampleId :
RFK-RMAB-MW08-GW

Manual Integrations APPROVED
Sohil
3/15/2019 5:51:13 PM