Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020659.D
Acq On : 01 Jun 2019 20:21
Operator : HP/JU
Sample : K3117-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICK

Manual Integrations APPROVED
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6/3/2019 8:52:08 AM

Quant Time: Jun 03 06:45:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	106670	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	417286	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	220268	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	455345	20.00	ng		0.00
76) Chrysene-d12	21.39	240	416016	20.00	ng		-0.01
87) Perylene-d12	23.68	264	453700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	562580	92.77	ng		0.00
7) Phenol-d6	6.99	99	764580	85.63	ng		0.00
23) Nitrobenzene-d5	8.99	82	469248	58.26	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	245933	90.11	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	965963	58.30	ng		0.00
79) Terphenyl-d14	19.83	244	1302835	52.38	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	13.92	163	323820	17.207	ng		100
56) 4-Nitrophenol	14.67	139	38125	12.130	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.09	232	141646	33.888	ng	#	98
70) Pentachlorophenol	16.86	266	2670583	894.194	ng		99
71) Phenanthrene	17.25	178	93571	3.625	ng		97
75) Fluoranthene	19.27	202	92464	3.221	ng		87
80) Butylbenzylphthalate	20.52	149	412023m	30.540	ng		
84) Bis(2-ethylhexyl)phthalate	21.31	149	421058	21.474	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020659.D
Acq On : 01 Jun 2019 20:21
Operator : HP/JU
Sample : K3117-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 03 06:45:10 2019
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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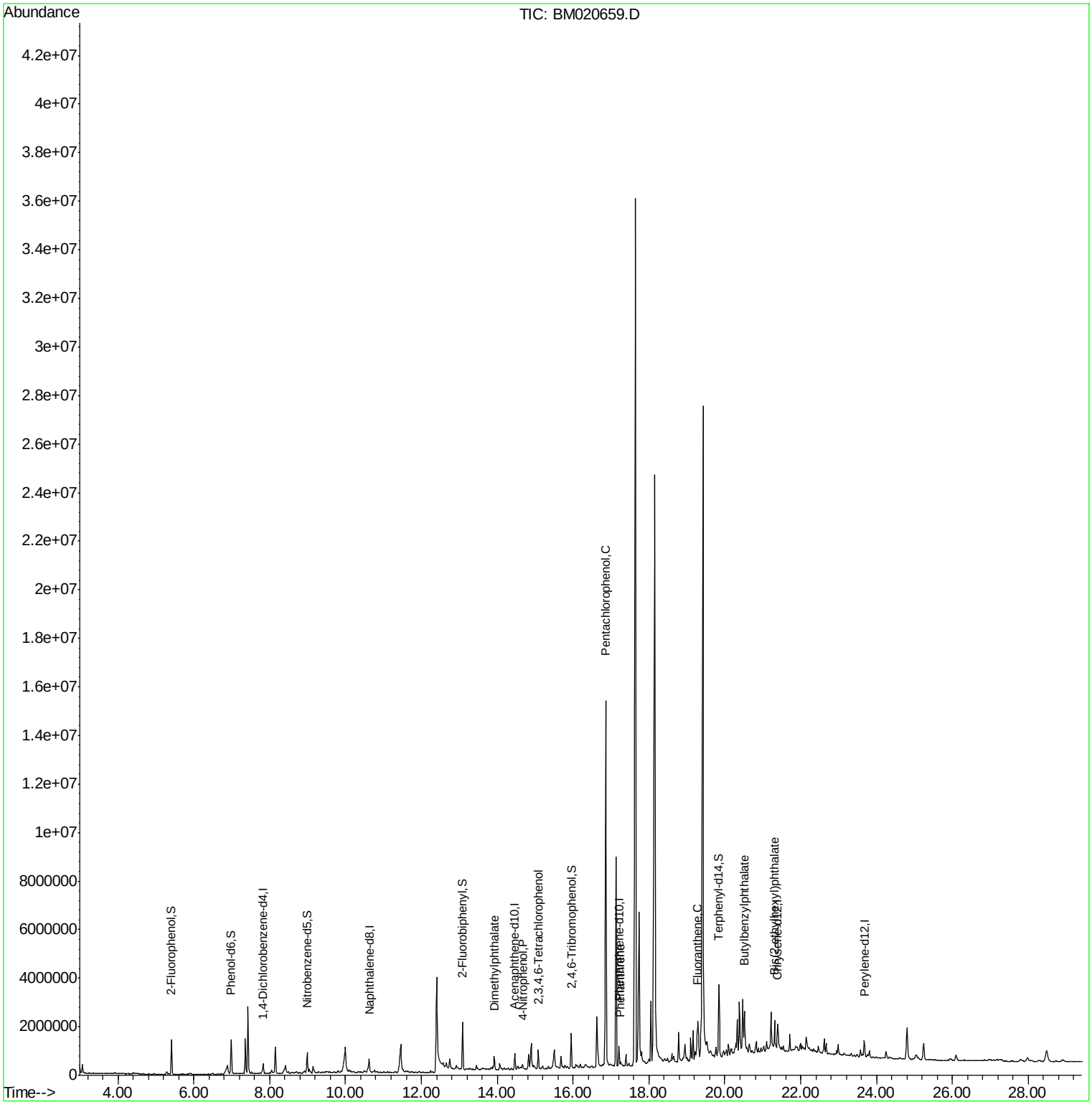
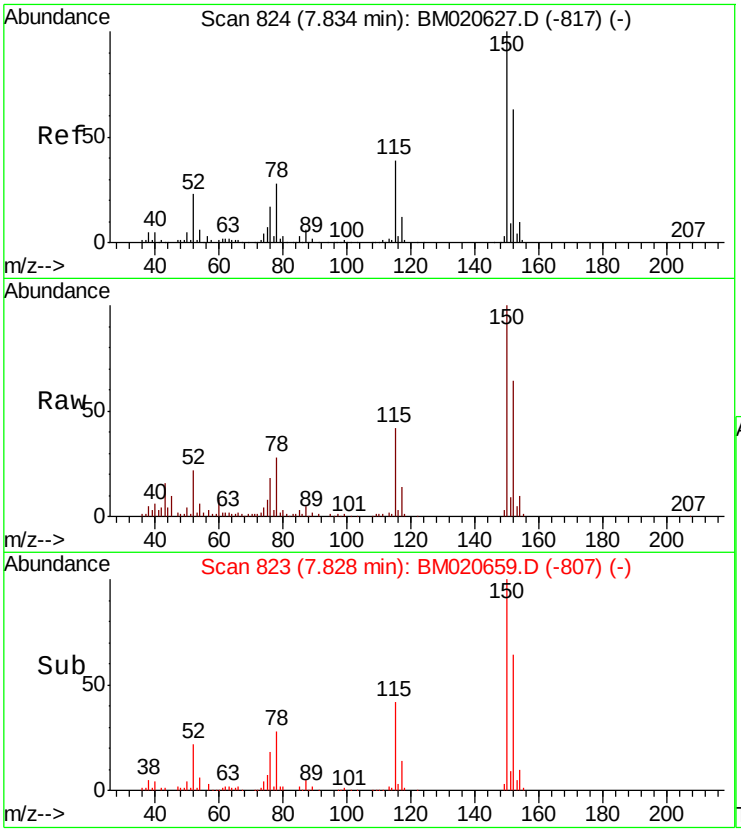
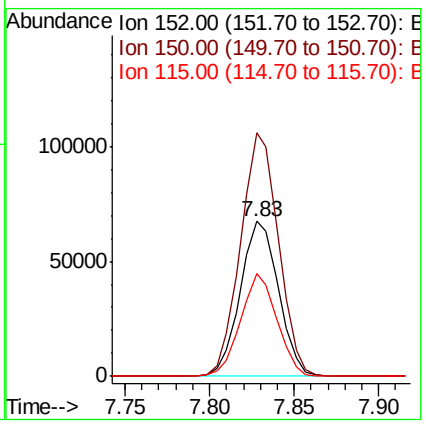




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:152 Resp: 106670

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	66.5	49.6	74.4



Instrument :
BNA_M
ClientSampleId :
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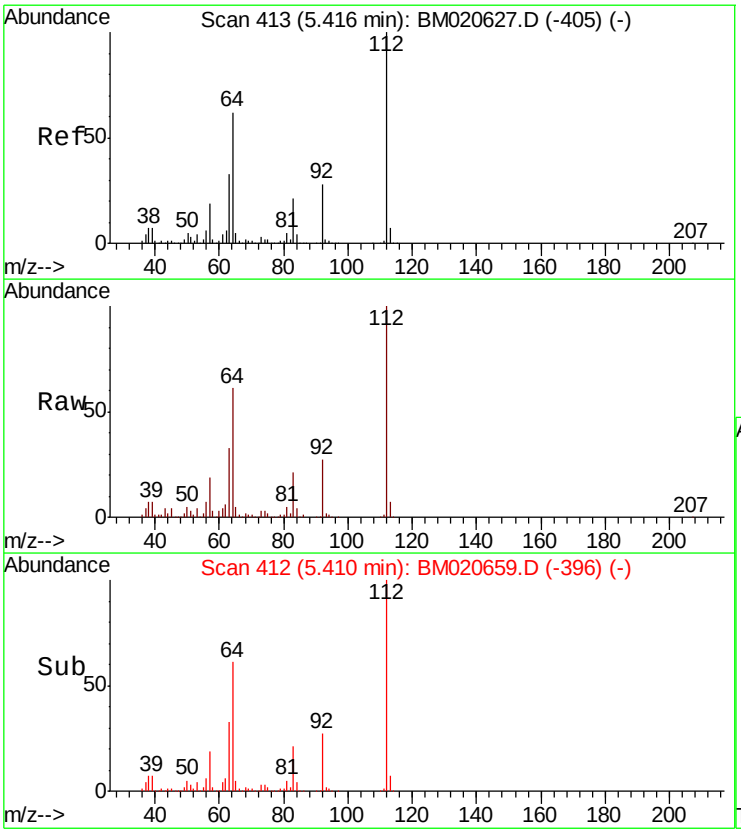
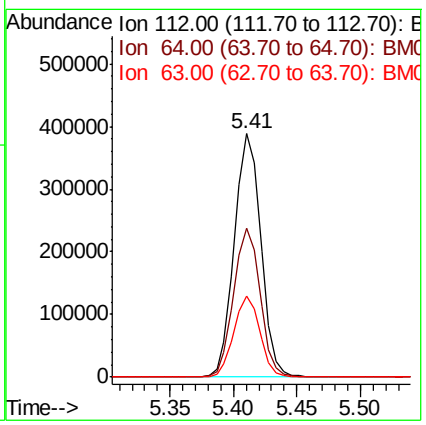
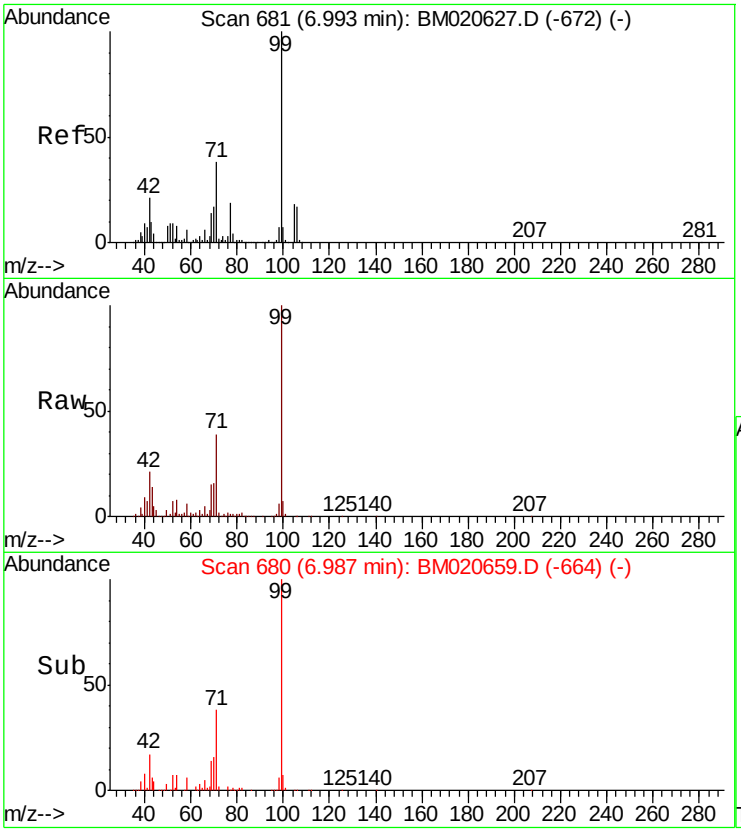


#5
2-Fluorophenol
Concen: 92.774 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:112 Resp: 562580

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.7	74.5
63	33.3	26.4	39.6

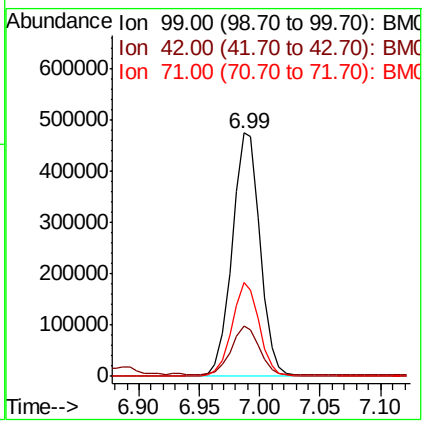




#7
Phenol-d6
Concen: 85.628 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion: 99 Resp: 764580

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.5	24.7
71	38.7	30.7	46.1



Instrument :
BNA_M
ClientSampleId :
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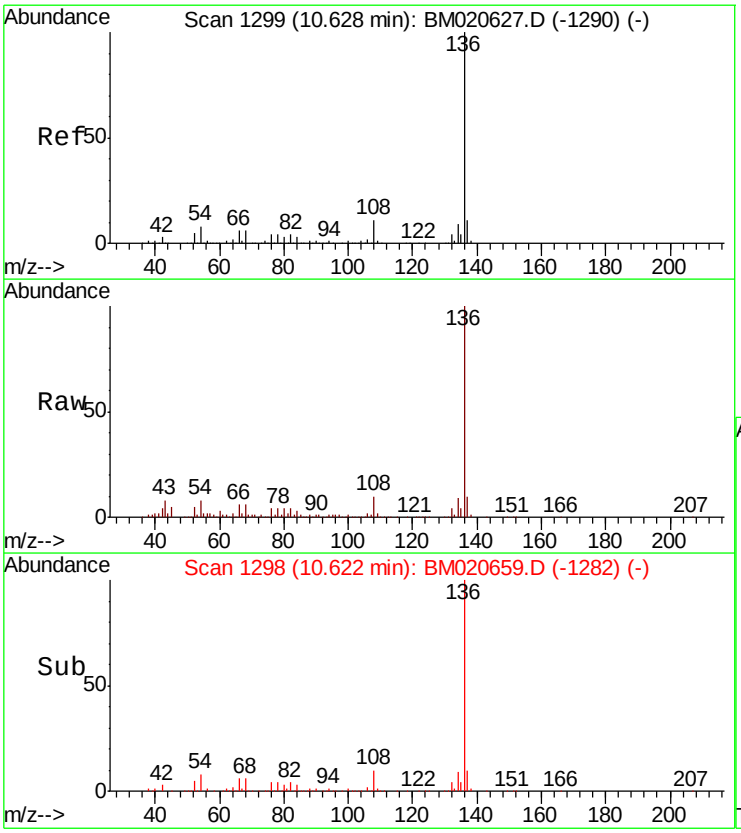
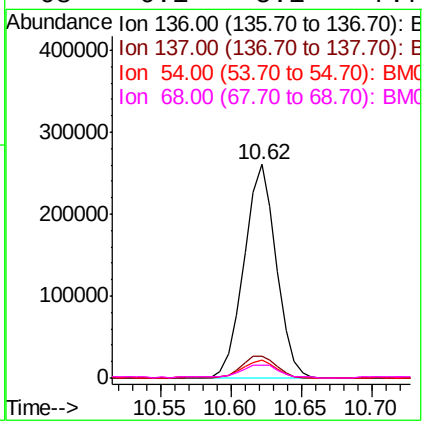
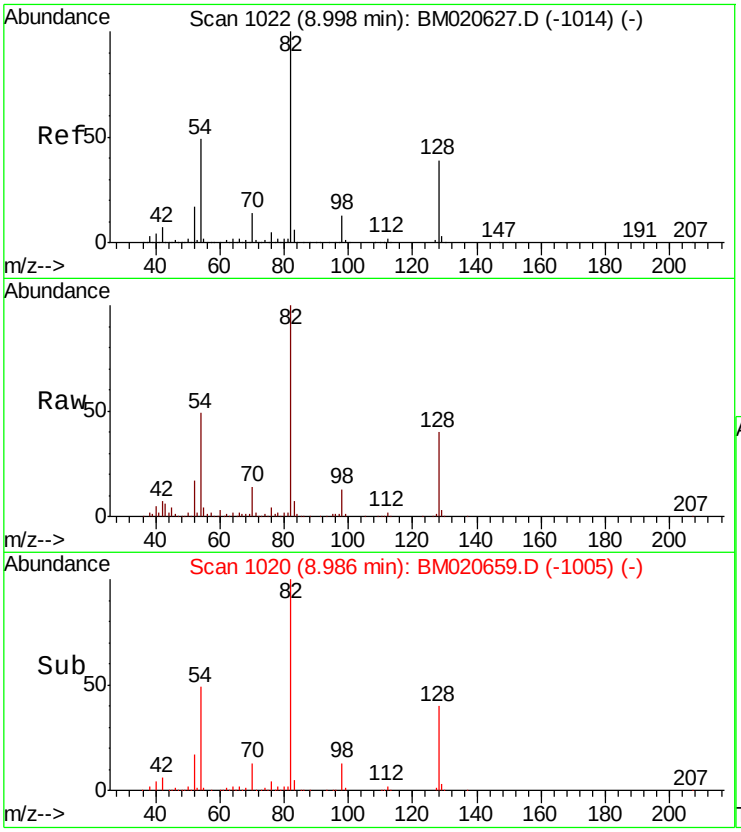


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:136 Resp: 417286

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.3	6.6	10.0
68	6.1	5.1	7.7

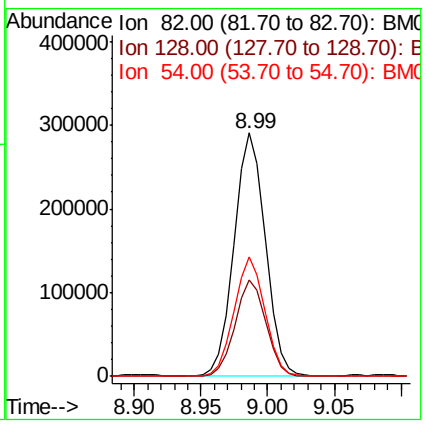




#23
Nitrobenzene-d5
Concen: 58.264 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion: 82 Resp: 469248

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.5	47.3
54	49.2	39.4	59.0



Instrument :
BNA_M
ClientSampleId :
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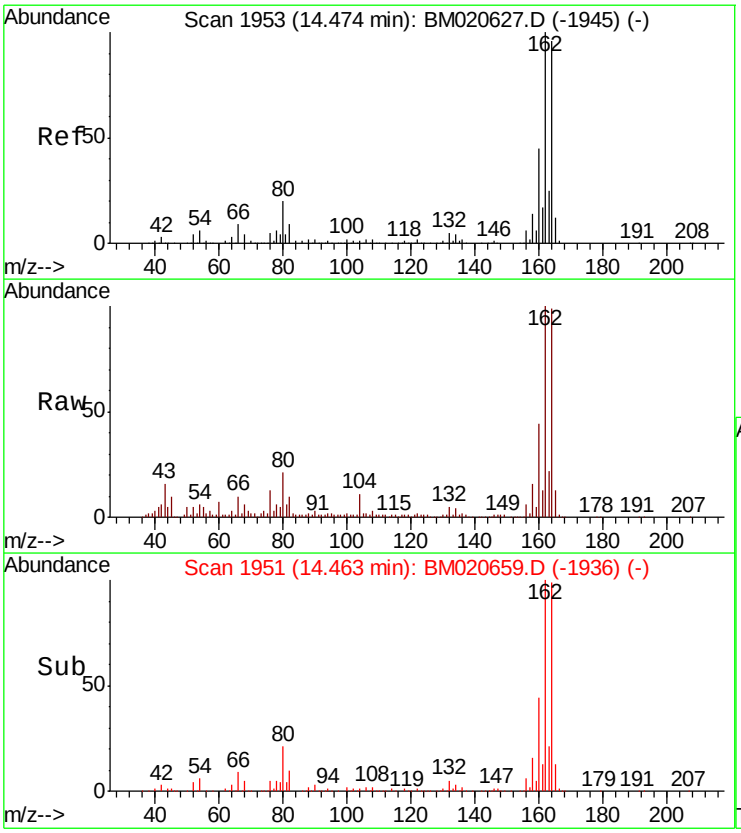
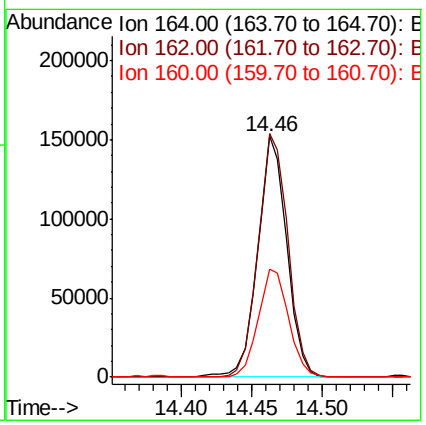
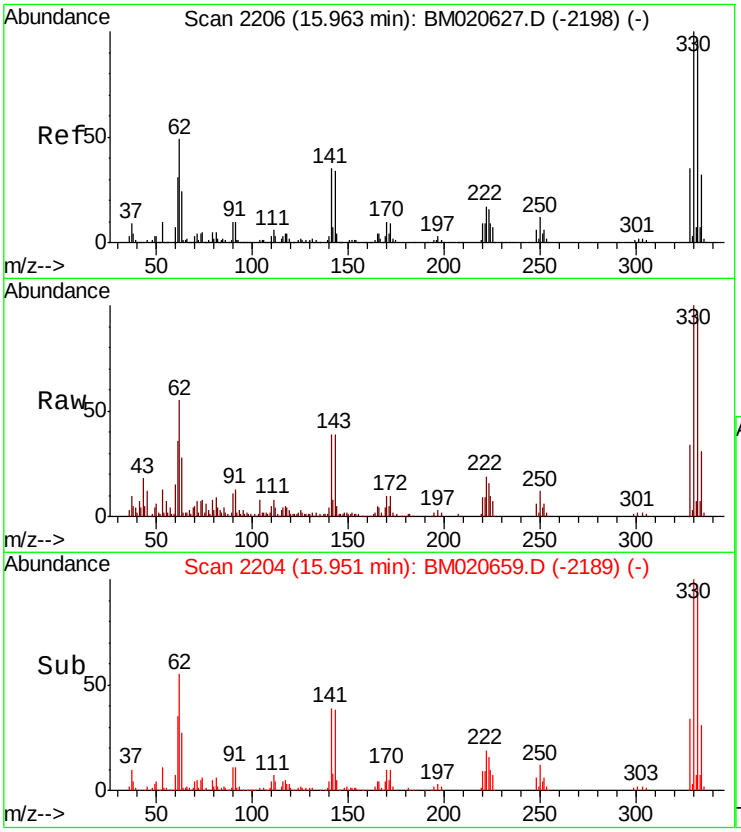


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:164 Resp: 220268

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.2	124.8
160	44.9	37.5	56.3

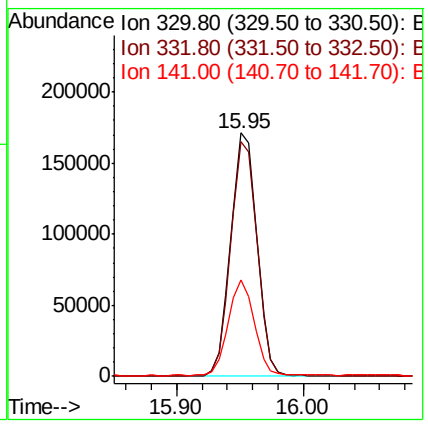




#42
2,4,6-Tribromophenol
Concen: 90.115 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:330 Resp: 245933

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	39.1	30.4	45.6



Instrument :
BNA_M
ClientSampleId :
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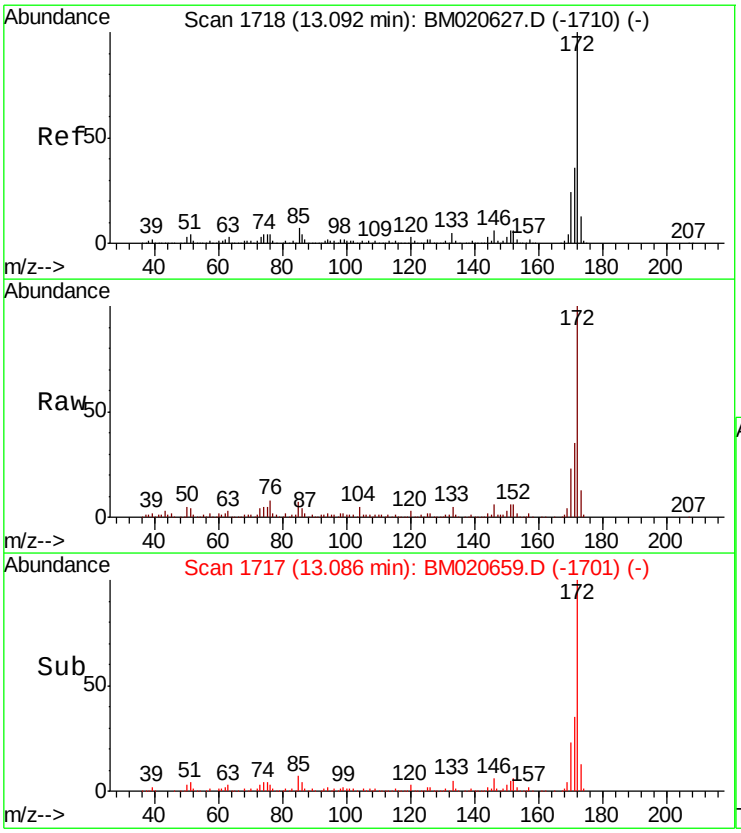
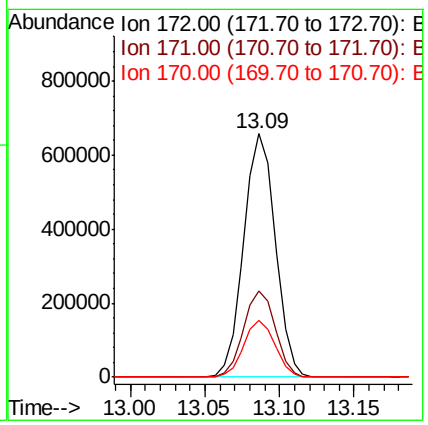
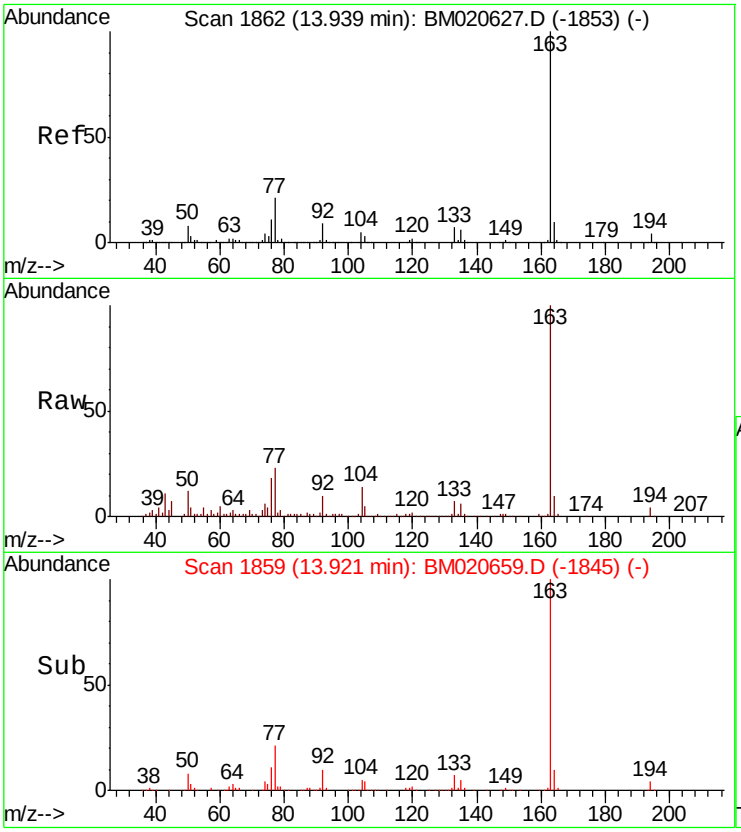


#45
2-Fluorobiphenyl
Concen: 58.302 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:172 Resp: 965963

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.2	18.9	28.3

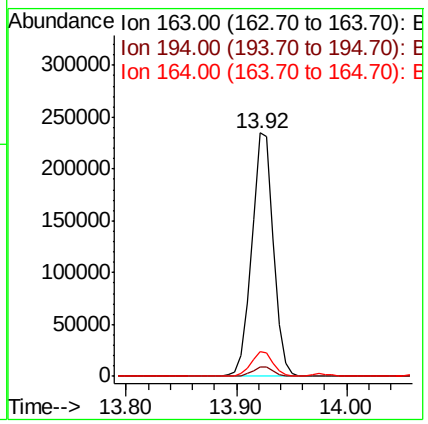




#50
Dimethylphthalate
Concen: 17.207 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:163 Resp: 323820

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.0	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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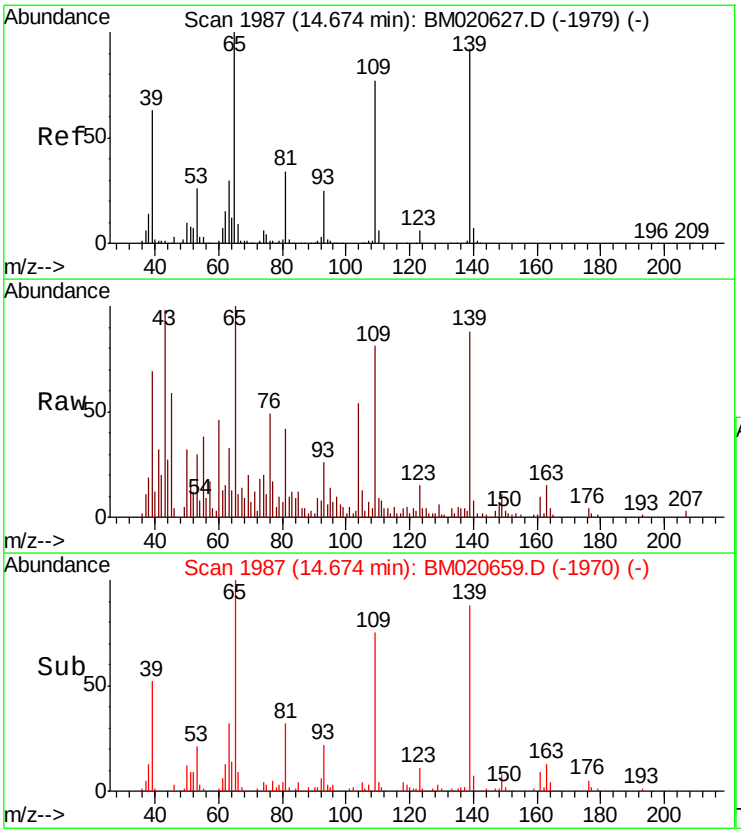
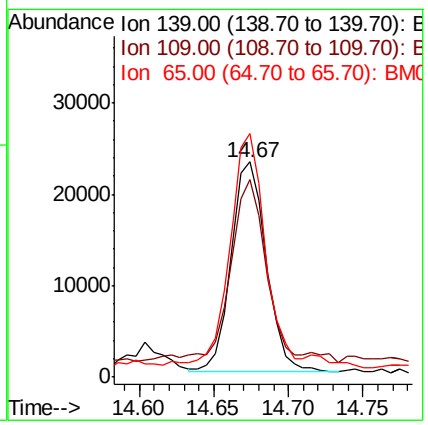
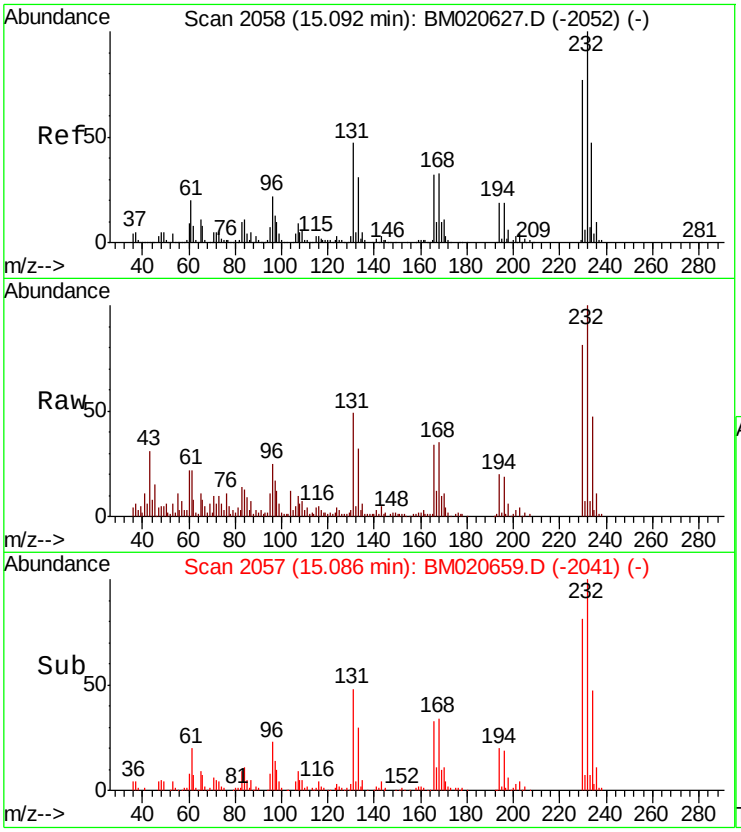


#56
4-Nitrophenol
Concen: 12.130 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:139 Resp: 38125

Ion	Ratio	Lower	Upper
139	100		
109	91.8	62.7	102.7
65	113.3	88.3	128.3

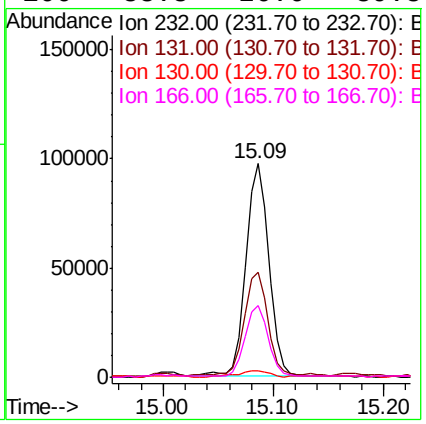




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.888 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:232 Resp: 141646

Ion	Ratio	Lower	Upper
232	100		
131	50.4	38.6	57.8
130	4.2	2.2	3.2#
166	33.8	26.6	39.8



Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICK

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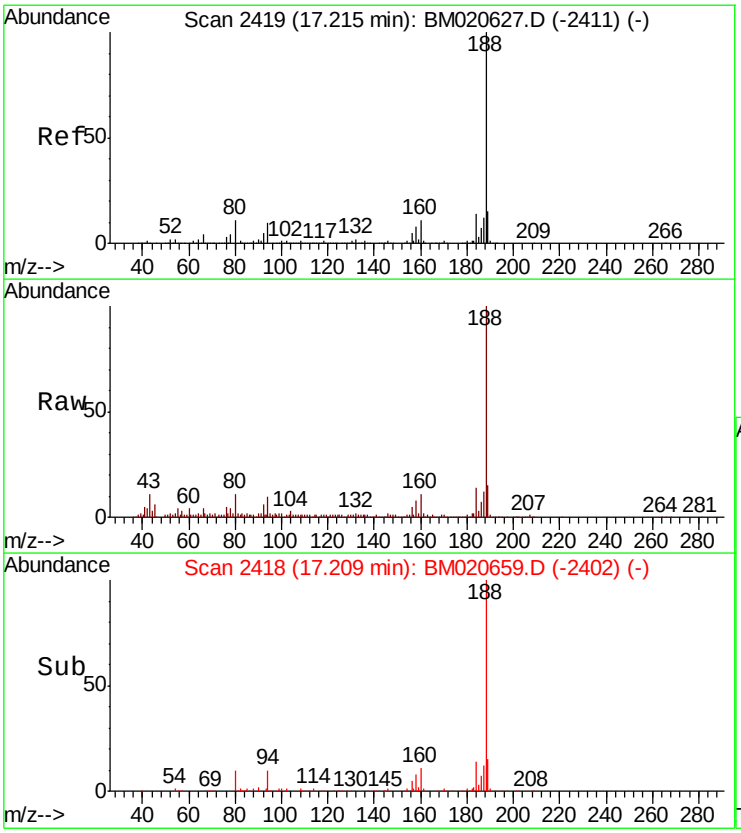
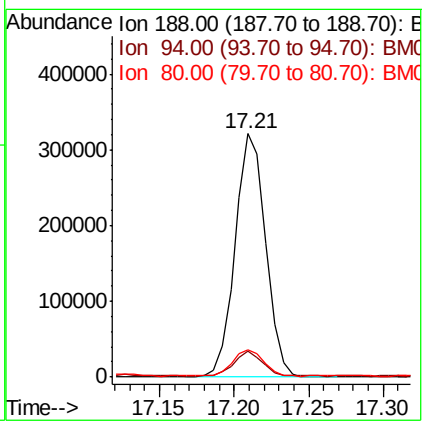
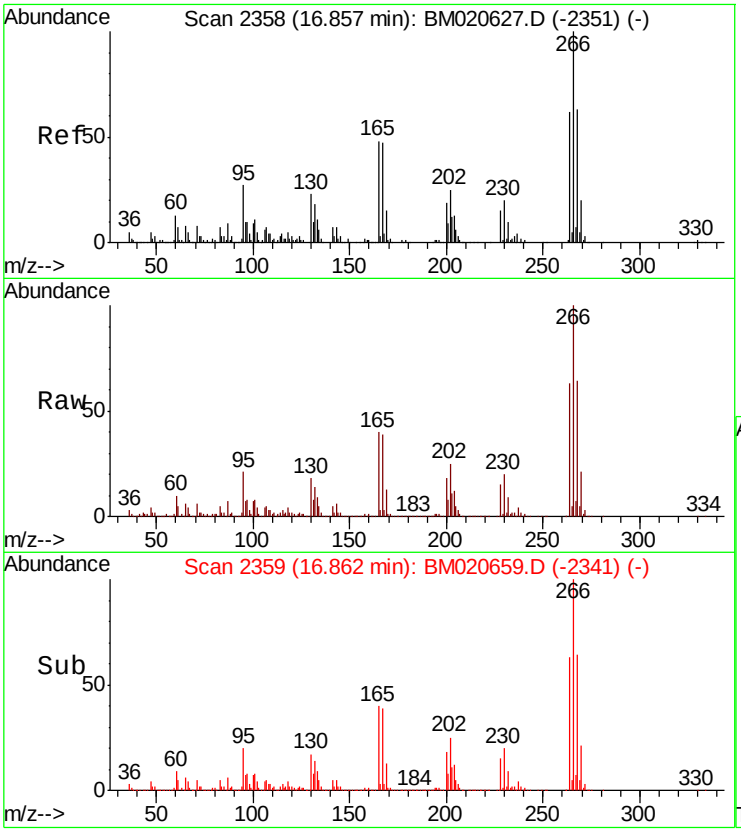


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:188 Resp: 455345

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.8	11.8
80	11.0	9.0	13.6

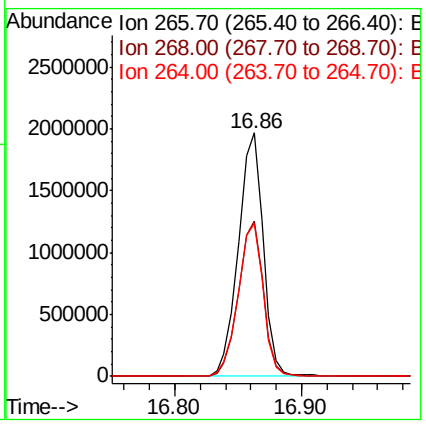




#70
Pentachlorophenol
Concen: 894.194 ng
RT: 16.86 min Scan# 2359
Delta R.T. 0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:266 Resp: 2670583

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	62.9	49.6	74.4



Instrument :
BNA_M
ClientSampleId :
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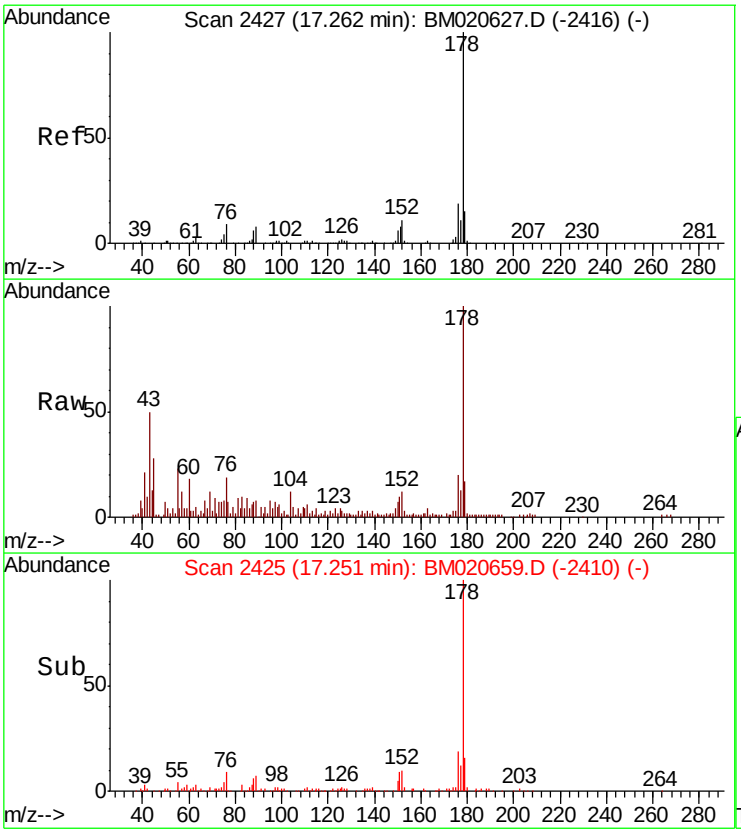
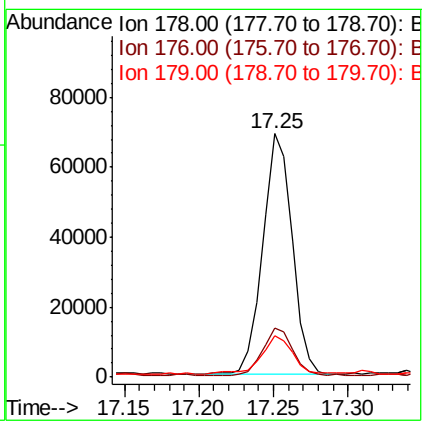
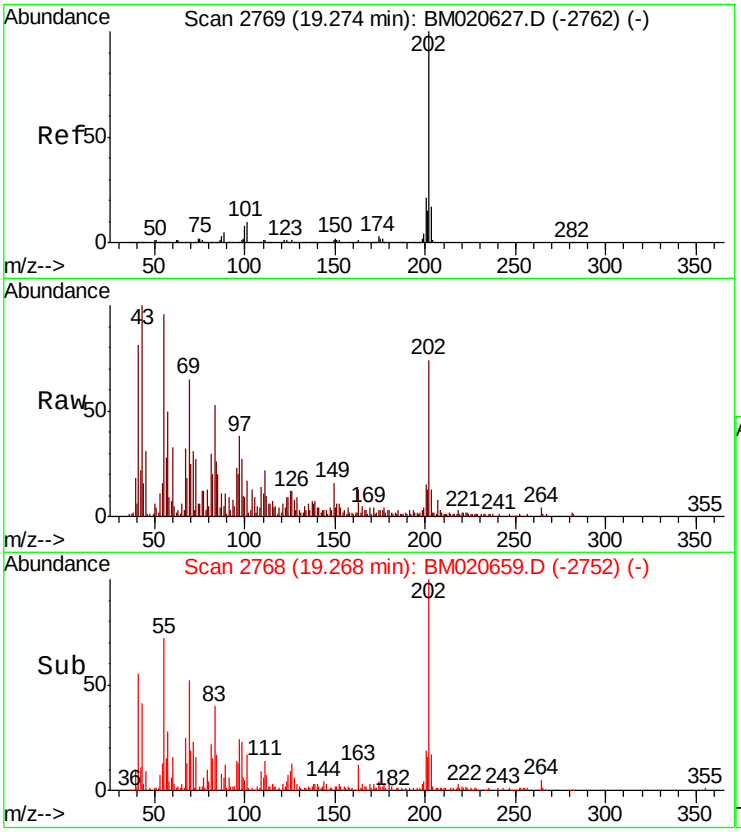


#71
Phenanthrene
Concen: 3.625 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:178 Resp: 93571

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.9	12.2	18.4

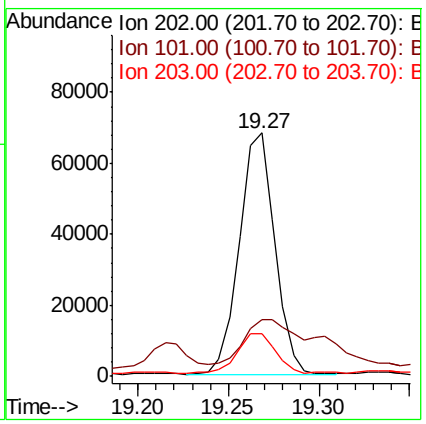




#75
Fluoranthene
Concen: 3.221 ng
RT: 19.27 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:202 Resp: 92464

Ion	Ratio	Lower	Upper
202	100		
101	23.1	0.0	30.4
203	17.7	0.0	37.3



Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICK

Manual Integrations APPROVED
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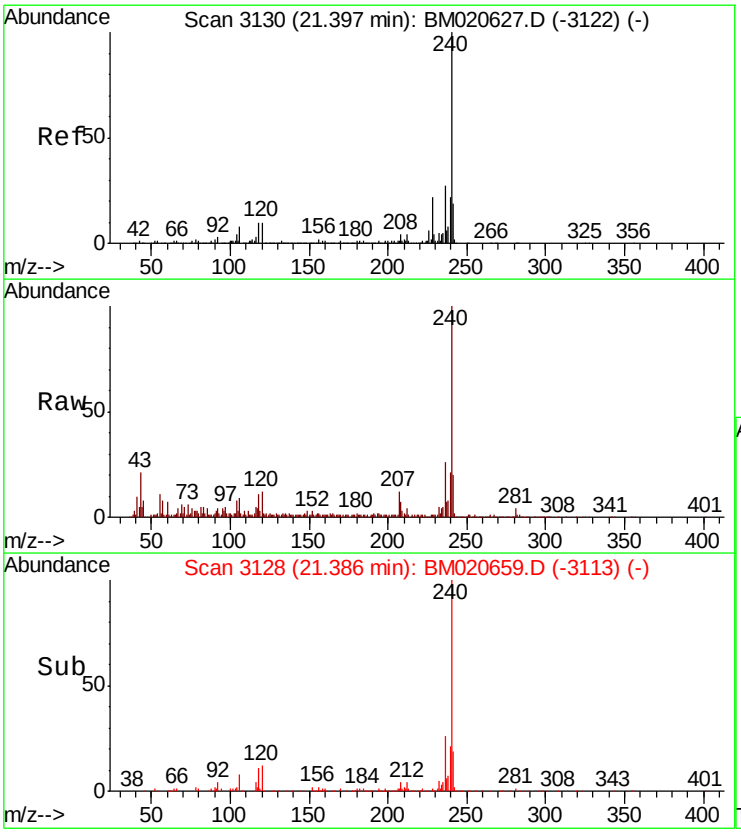
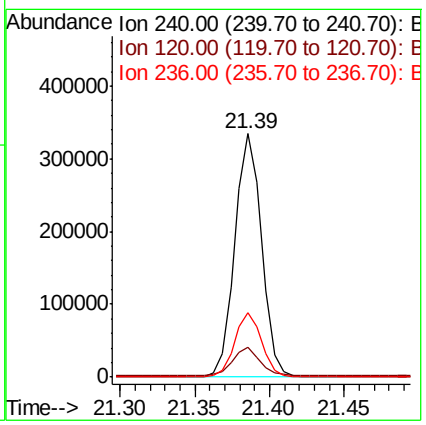
6/3/2019 8:52:08 AM

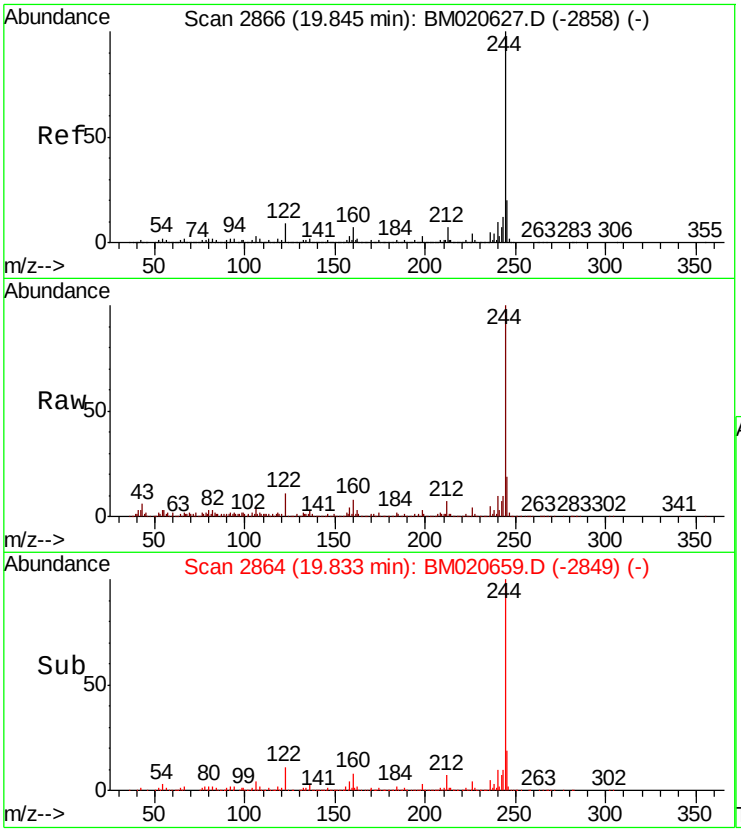


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:240 Resp: 416016

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.2	12.2#
236	26.4	21.2	31.8

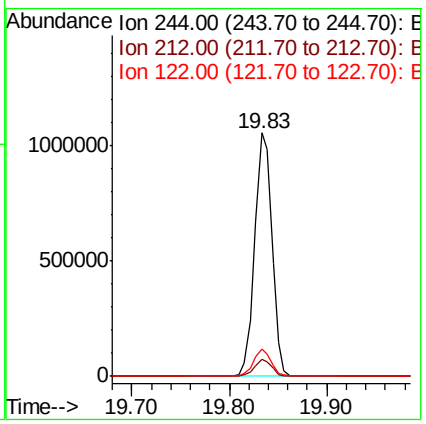




#79
Terphenyl-d14
Concen: 52.382 ng
RT: 19.83 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:244 Resp: 1302835

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.1	7.2	10.8#



Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICK

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mohammad
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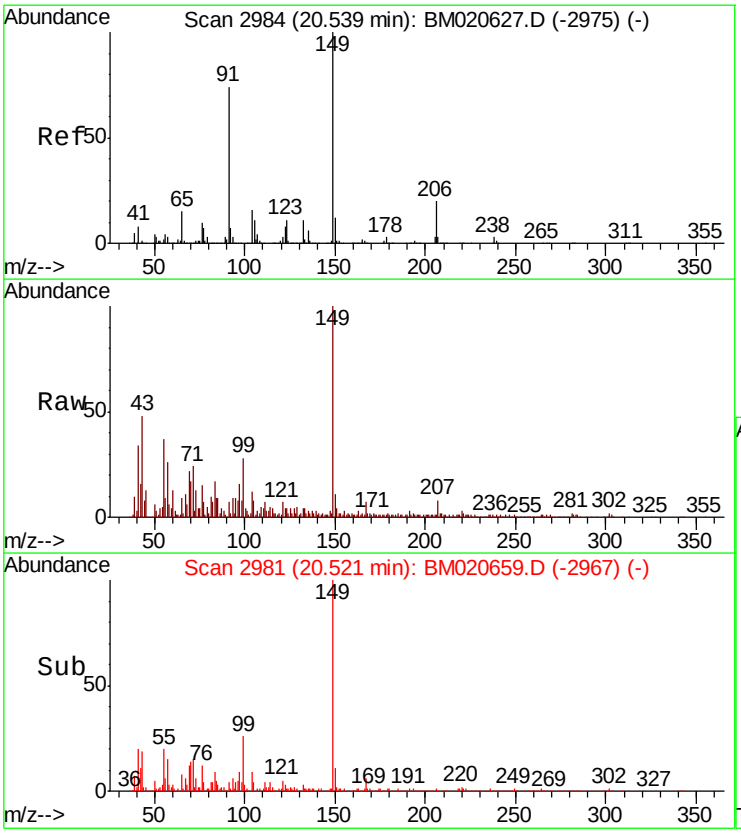
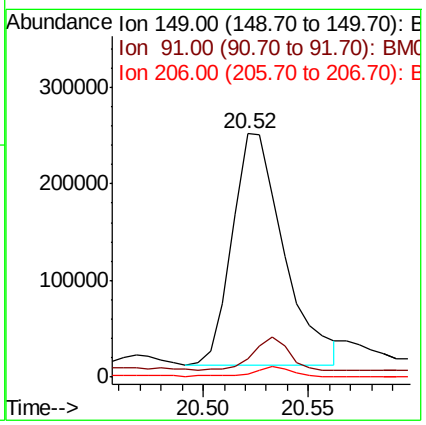
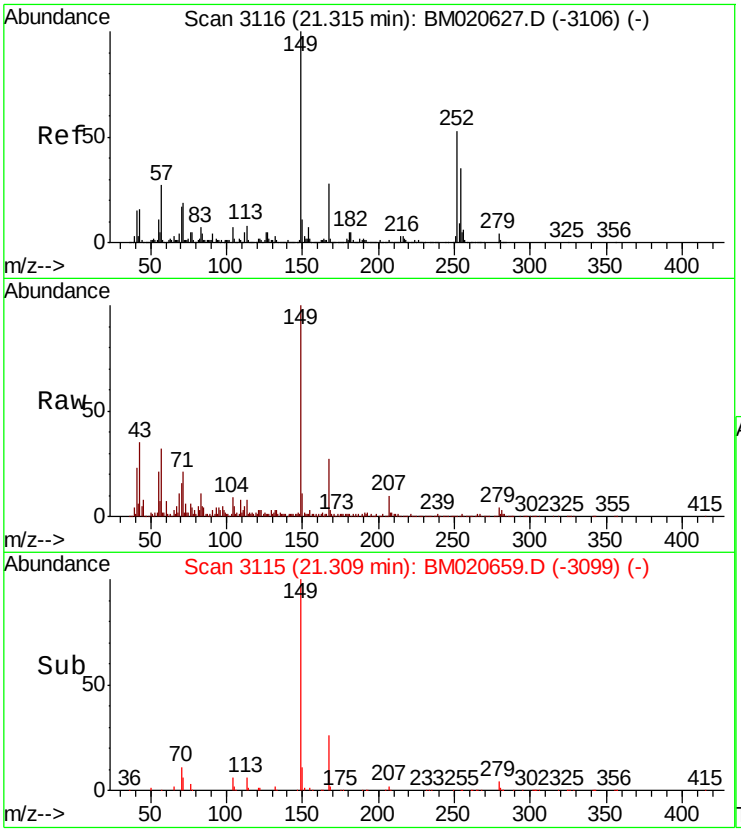


#80
Butylbenzylphthalate
Concen: 30.540 ng m
RT: 20.52 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:149 Resp: 412023

Ion	Ratio	Lower	Upper
149	100		
91	7.3	59.6	89.4#
206	1.4	15.7	23.5#

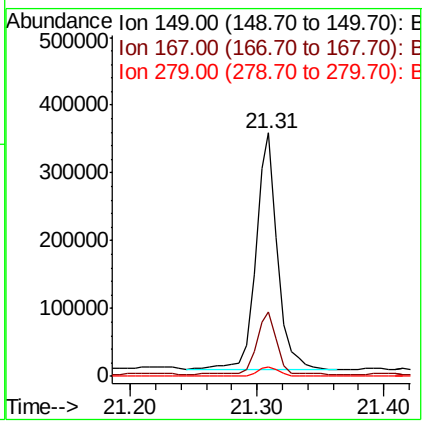




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.474 ng
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

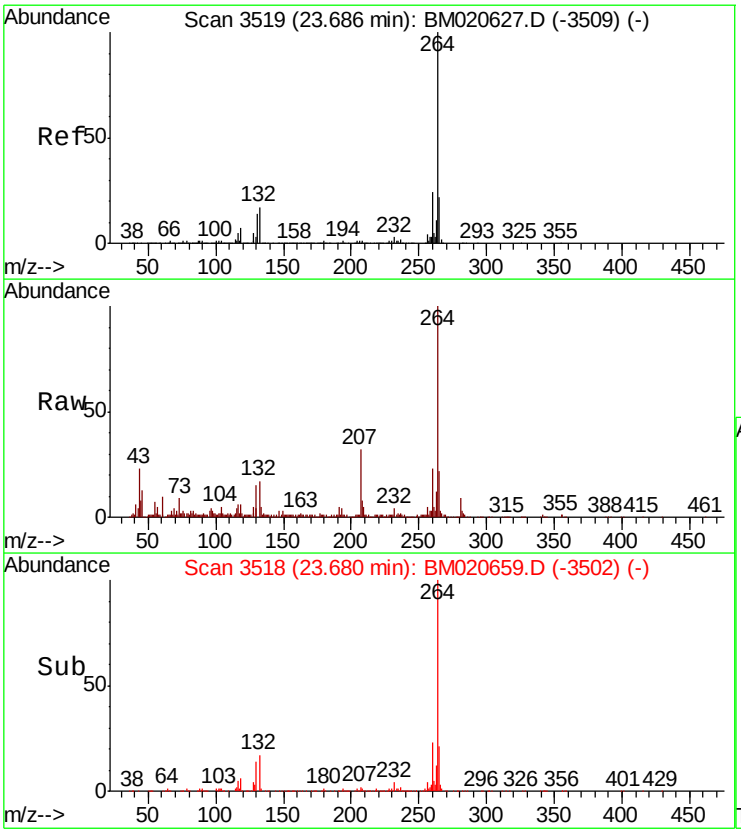
Tgt Ion:149 Resp: 421058

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	3.9	3.4	5.0



Instrument :
BNA_M
ClientSampleId :
IRONBOUND-BRICK

Manual Integrations APPROVED
mohammad
6/3/2019 8:52:08 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM020659.D
Acq: 01 Jun 2019 20:21

Tgt Ion:264 Resp: 453700

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.6	26.4