Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020636.D
Acq On : 31 May 2019 18:22
Operator : JU/SJ
Sample : K3065-08DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-14-11-12.0DL

Quant Time: Jun 01 03:58:43 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	338631	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1508217	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	840512	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1602881	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1103955	20.00	ng	0.00
87) Perylene-d12	23.69	264	1253851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	257848	13.39	ng	0.00
7) Phenol-d6	6.99	99	377126	13.30	ng	0.00
23) Nitrobenzene-d5	8.99	82	210681	7.24	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	94026	9.03	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	417420	6.60	ng	0.00
79) Terphenyl-d14	19.84	244	444848	6.74	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	6073682	78.312	ng	99
37) 2-Methylnaphthalene	12.29	142	402154	6.995	ng	99
38) 1-Methylnaphthalene	12.51	142	221671	4.050	ng	98

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

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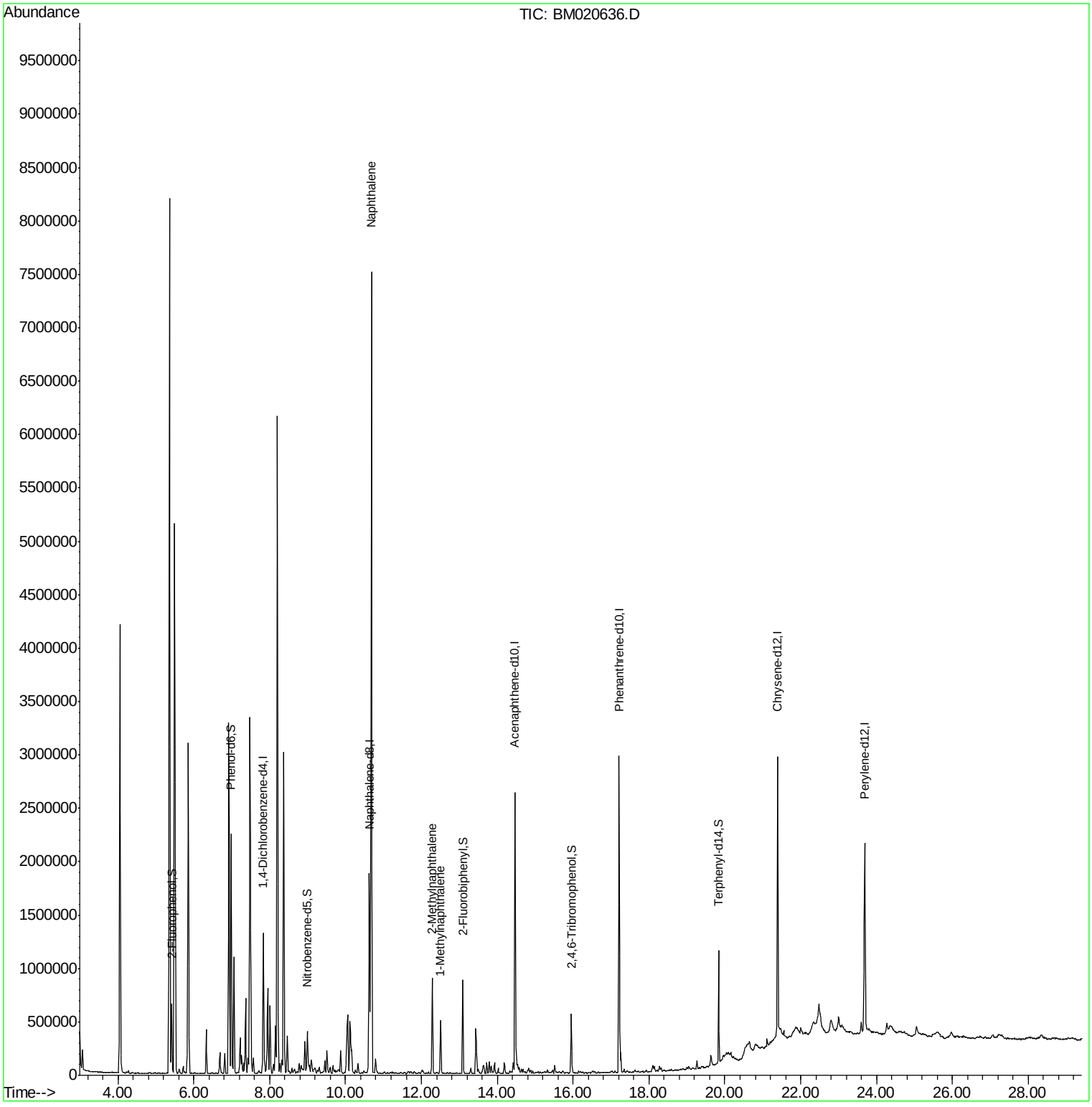
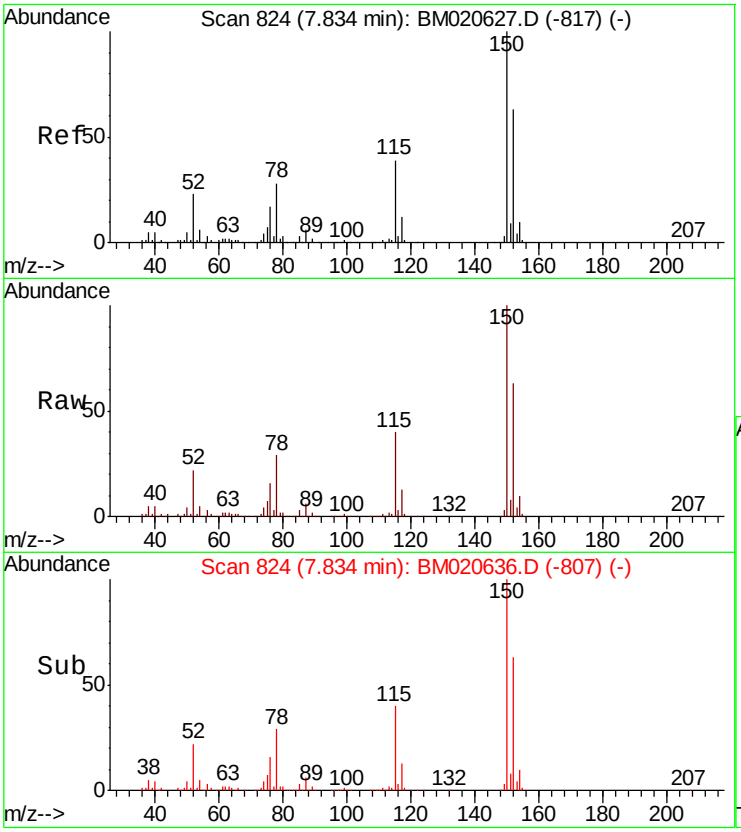


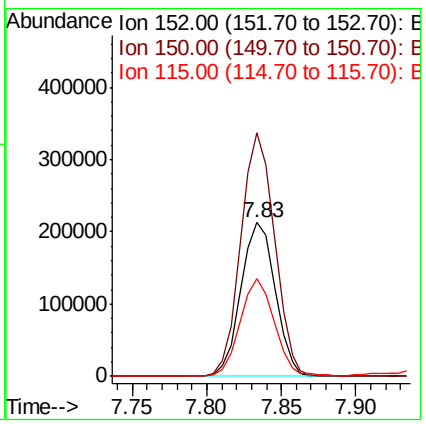


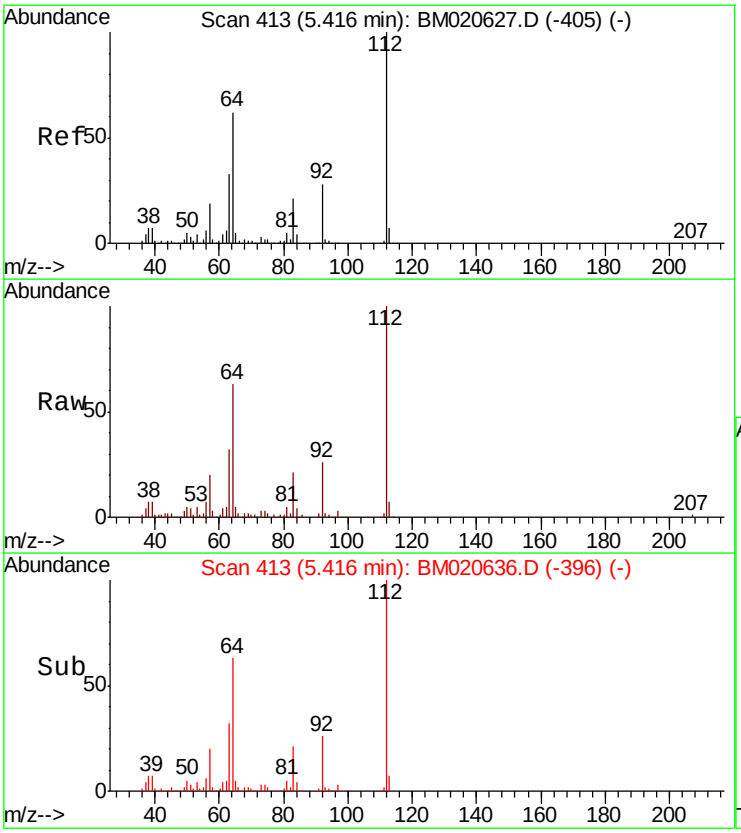
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:152 Resp: 338631

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.0	189.0
115	63.1	49.6	74.4

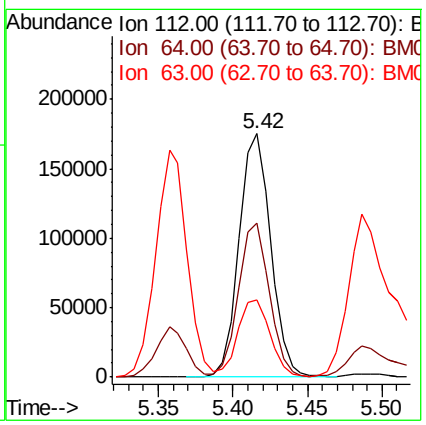


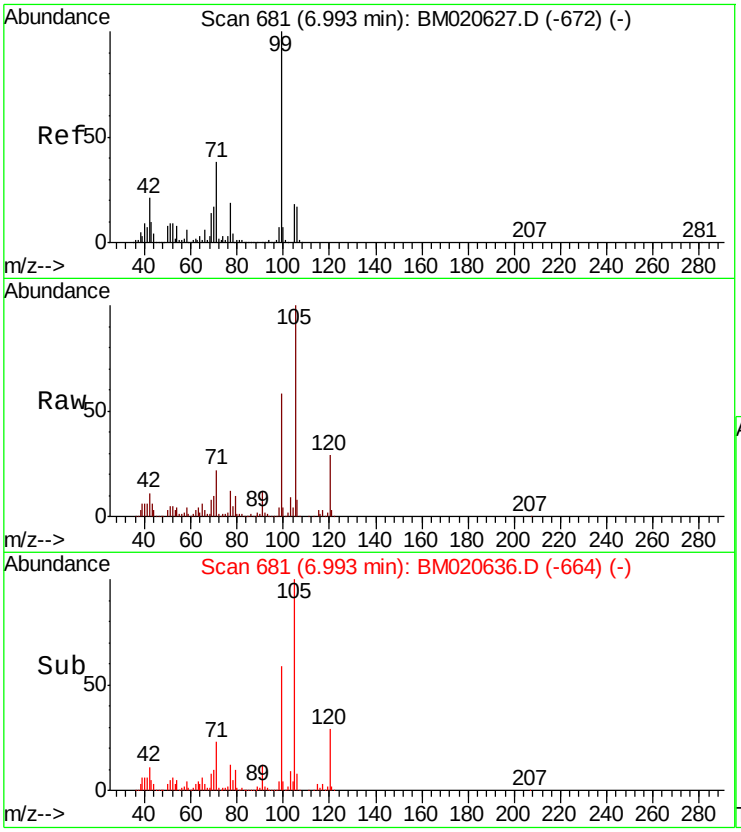


#5
2-Fluorophenol
Concen: 13.394 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:112 Resp: 257848

Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.7	74.5
63	31.9	26.4	39.6



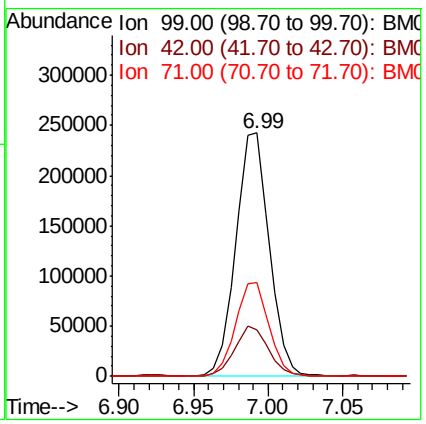


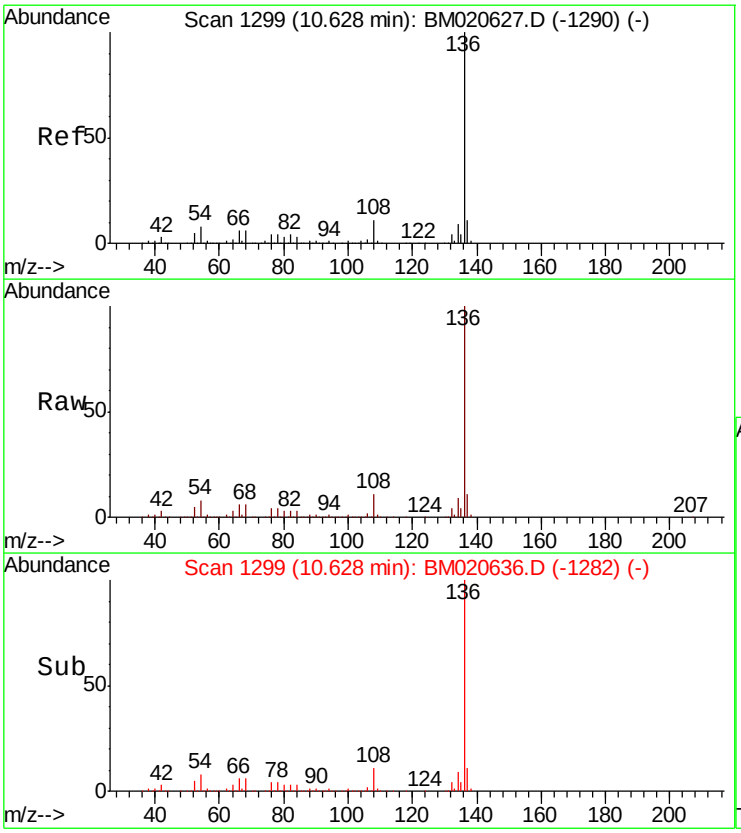
#7
Phenol-d6
Concen: 13.304 ng
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion: 99 Resp: 377126

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.5	24.7
71	38.5	30.7	46.1

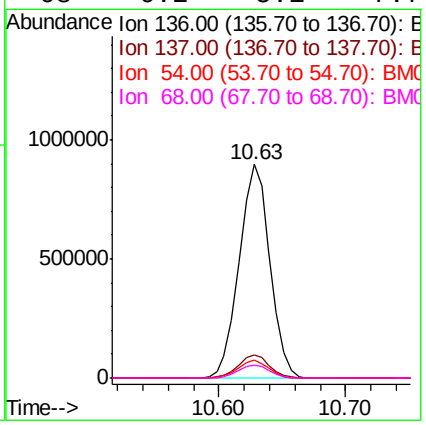


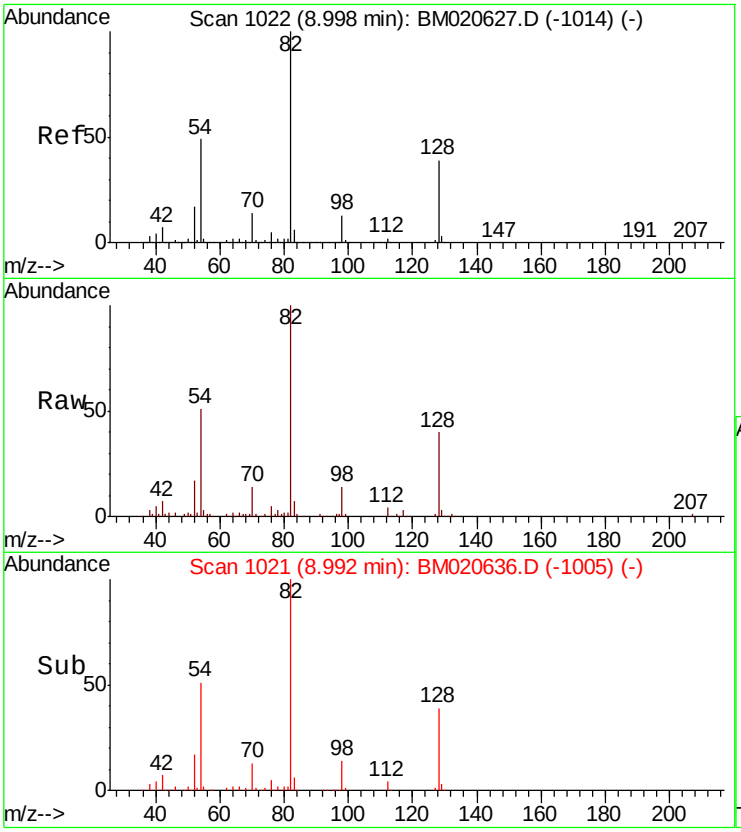


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:136 Resp: 1508217

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.6	10.0
68	6.2	5.1	7.7



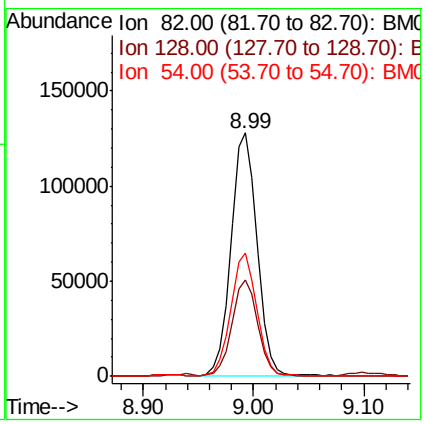


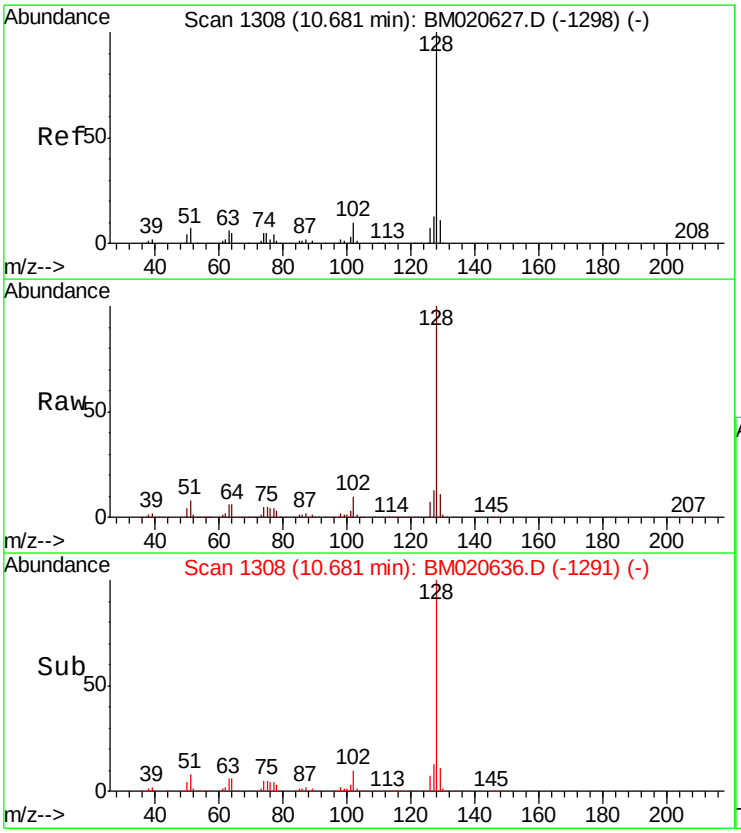
#23
Nitrobenzene-d5
Concen: 7.238 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion: 82 Resp: 210681

Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.5	47.3
54	50.8	39.4	59.0

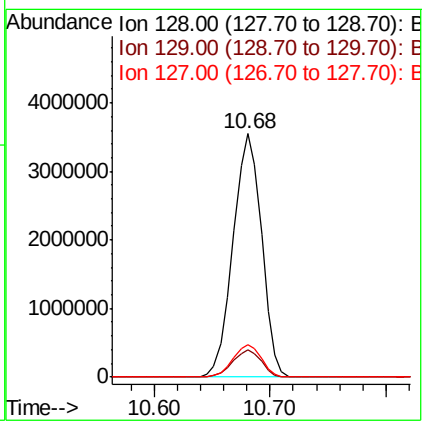


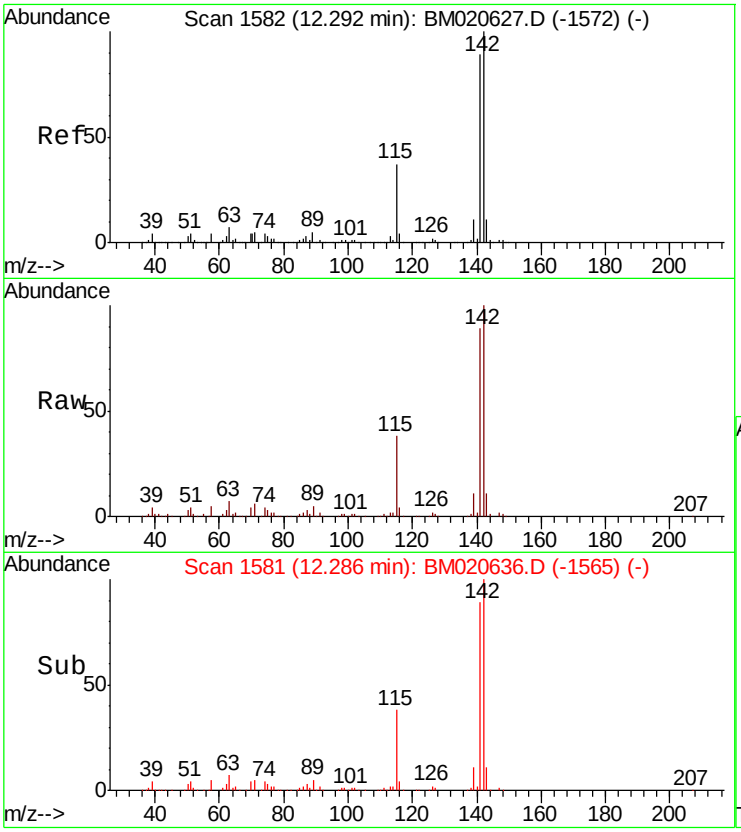


#31
Naphthalene
Concen: 78.312 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:128 Resp: 6073682

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.3	15.5



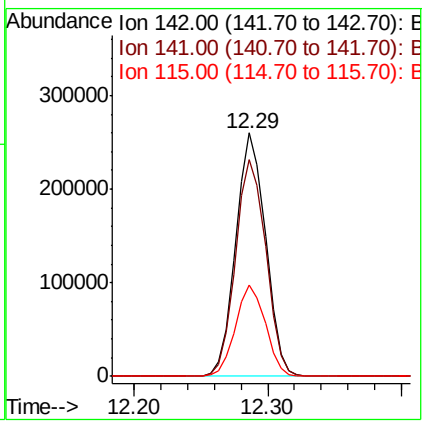


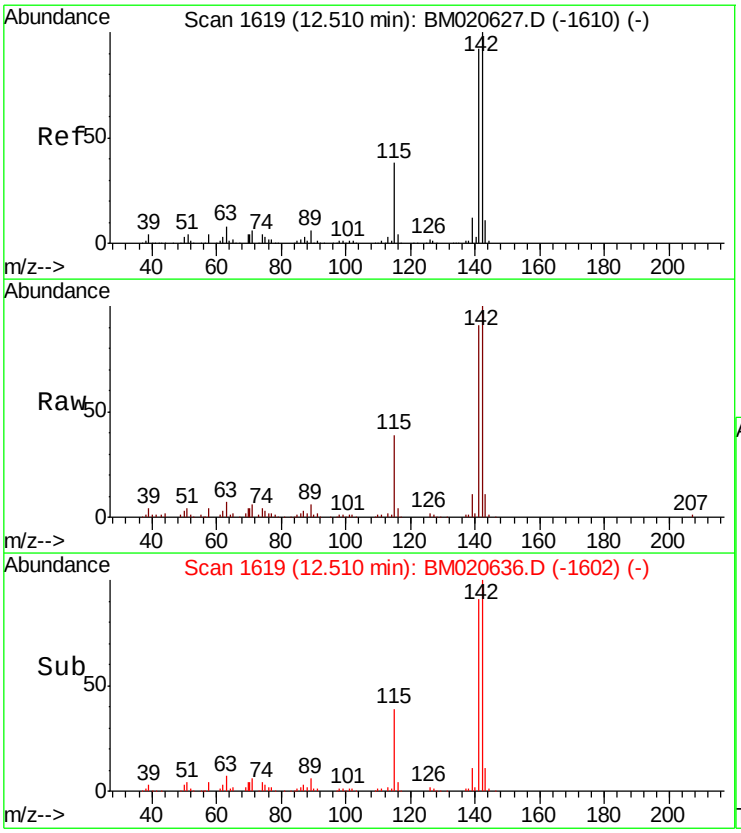
#37
2-Methylnaphthalene
Concen: 6.995 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:142 Resp: 402154

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	37.7	29.6	44.4

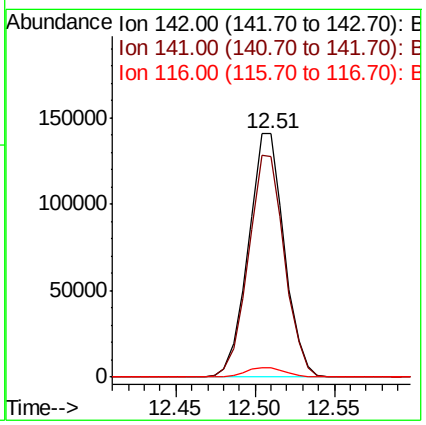


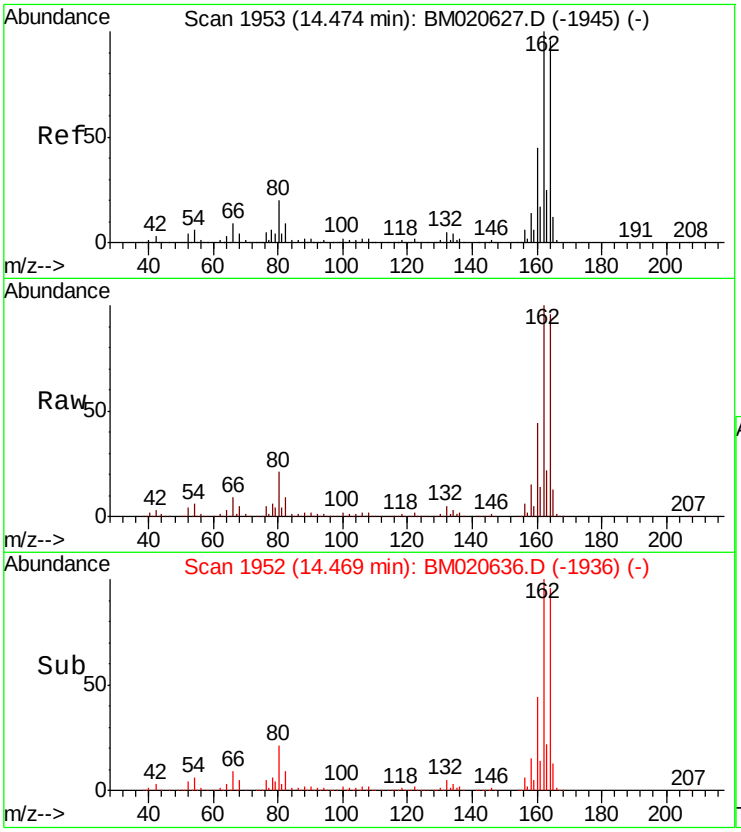


#38
1-Methylnaphthalene
Concen: 4.050 ng
RT: 12.51 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:142 Resp: 221671

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.9	110.9
116	3.7	3.2	4.8



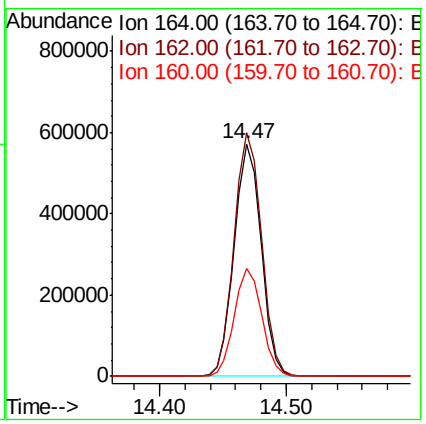


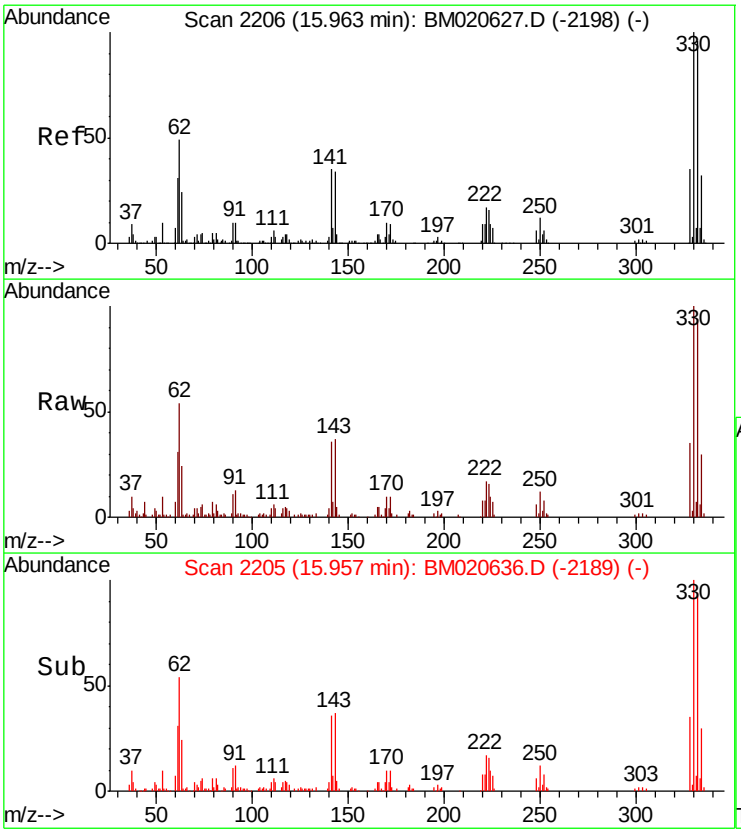
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:164 Resp: 840512

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	46.3	37.5	56.3

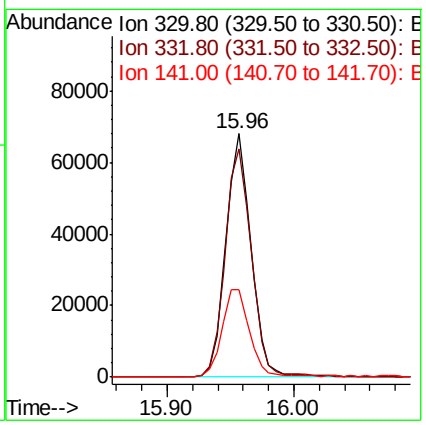


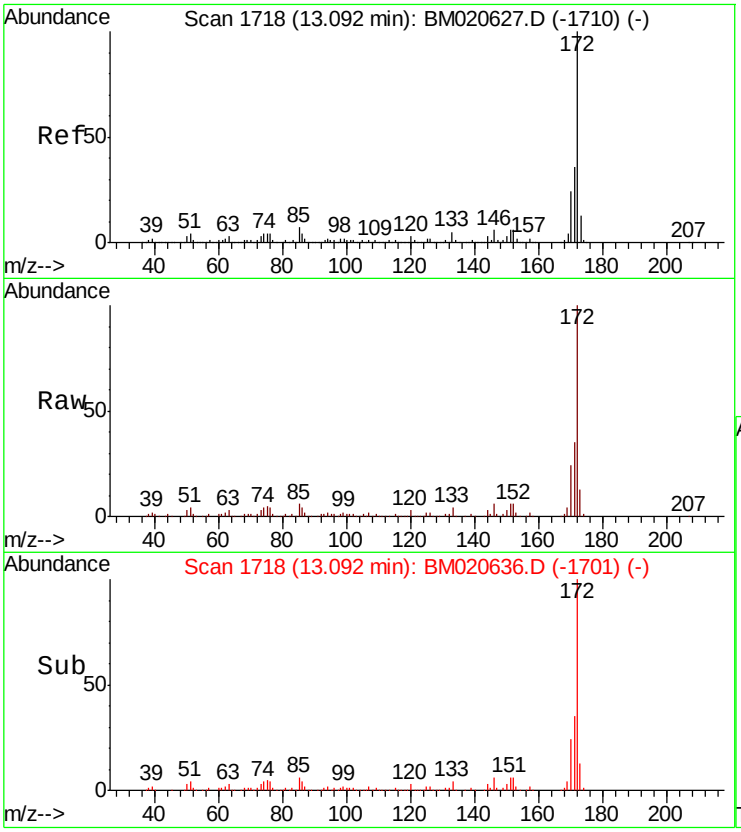


#42
2,4,6-Tribromophenol
Concen: 9.029 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:330 Resp: 94026

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	39.1	30.4	45.6



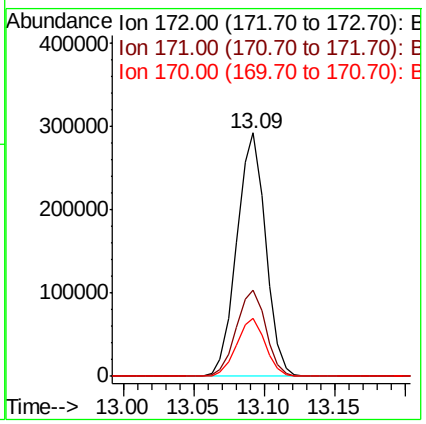


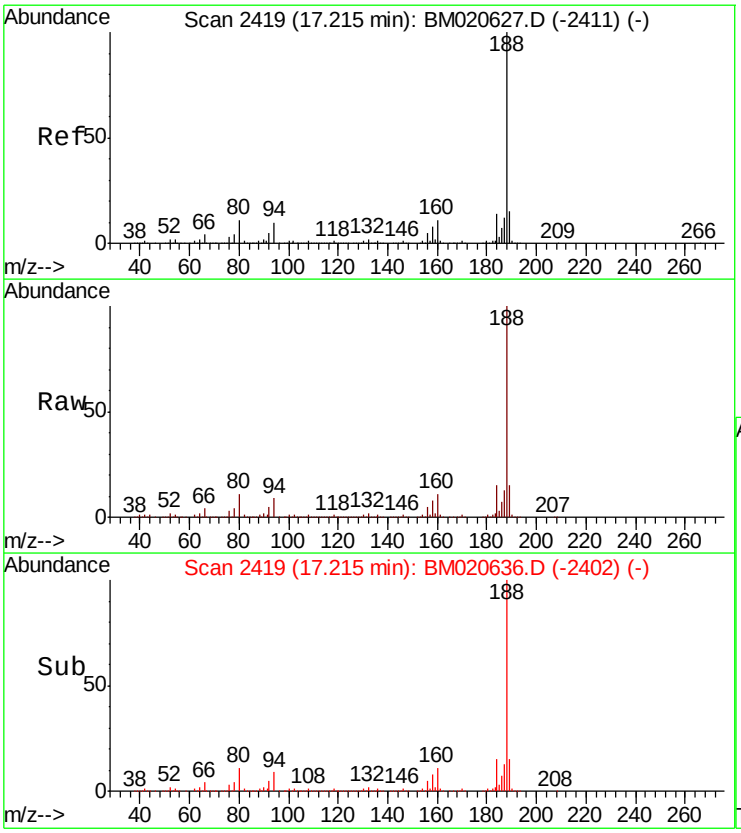
#45
2-Fluorobiphenyl
Concen: 6.602 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:172 Resp: 417420

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.9	18.9	28.3

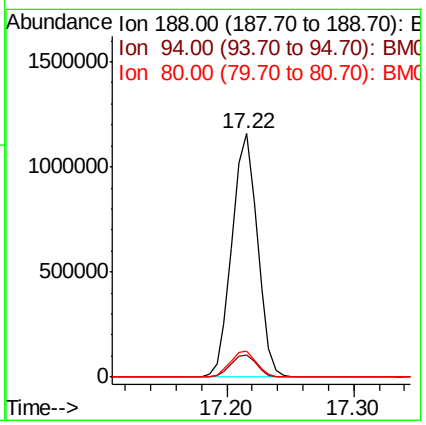


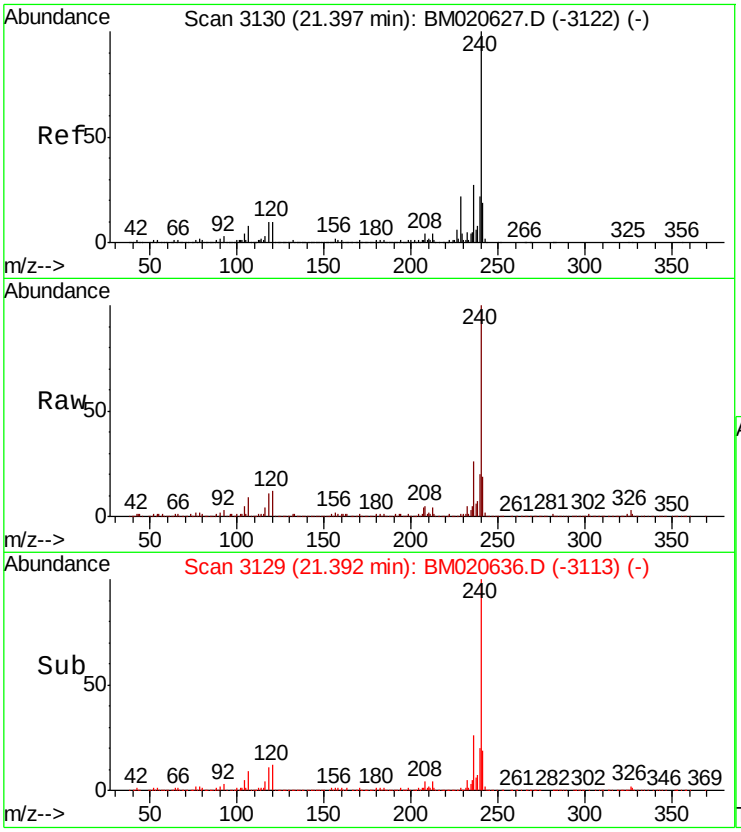


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:188 Resp: 1602881

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	10.8	9.0	13.6



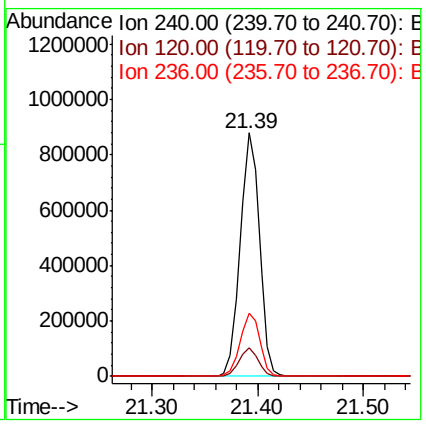


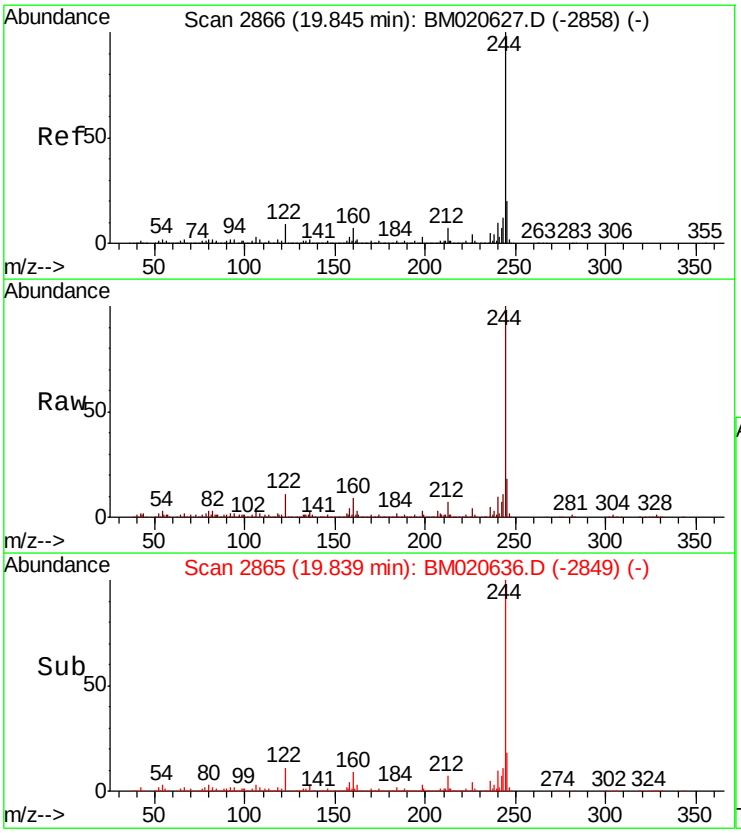
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:240 Resp: 1103955

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.2	12.2
236	26.0	21.2	31.8

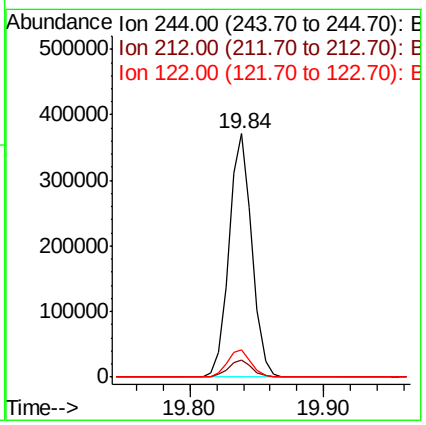


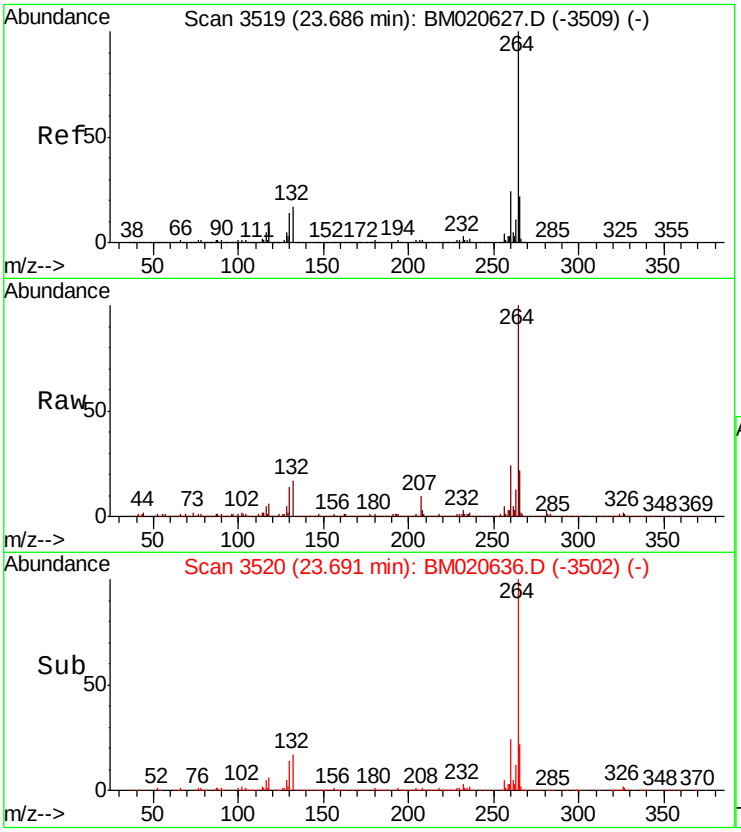


#79
Terphenyl-d14
Concen: 6.740 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:244 Resp: 444848

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.3	7.2	10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:264 Resp: 1253851

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.6	26.4