Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020232.D
Acq On : 10 May 2019 07:48
Operator : JU/SJ
Sample : K2727-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OWS-2

Quant Time: May 10 08:53:01 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	7.77	152	107512	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	378211	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	231588	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	555857	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	596811	20.00	ng	-0.02
87) Perylene-d12	23.64	264	700714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	967080	147.03	ng	-0.01
7) Phenol-d6	6.95	99	1170670	130.28	ng	0.00
23) Nitrobenzene-d5	8.94	82	996679	104.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	651417	181.22	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	2007767	106.67	ng	-0.02
79) Terphenyl-d14	19.79	244	3078817	89.98	ng	-0.02
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.54	107	193724	23.408	ng	89
32) Benzoic acid	9.85	122	43634m	17.203	ng	
50) Dimethylphthalate	13.87	163	58977	2.996	ng	99

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

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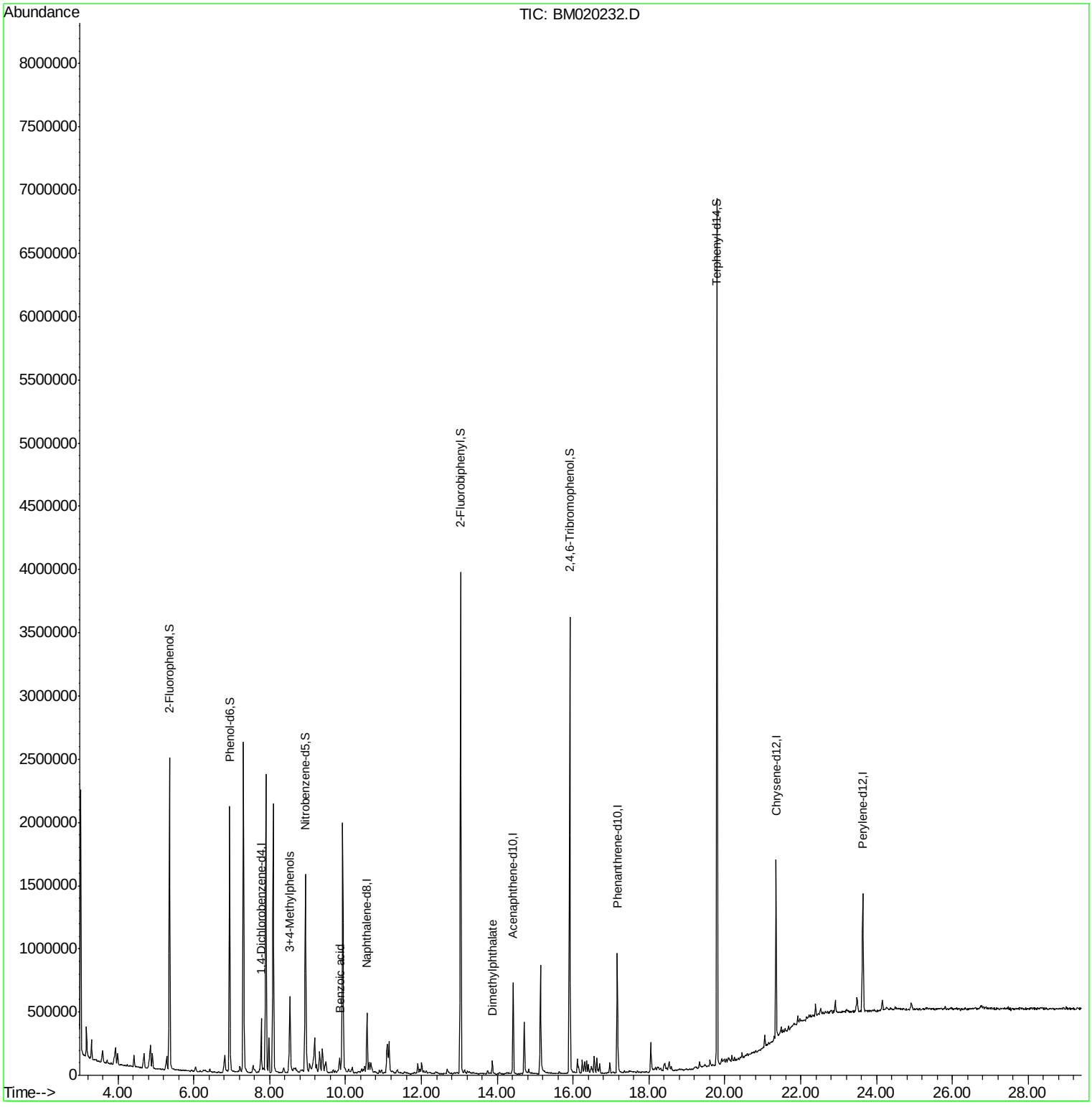
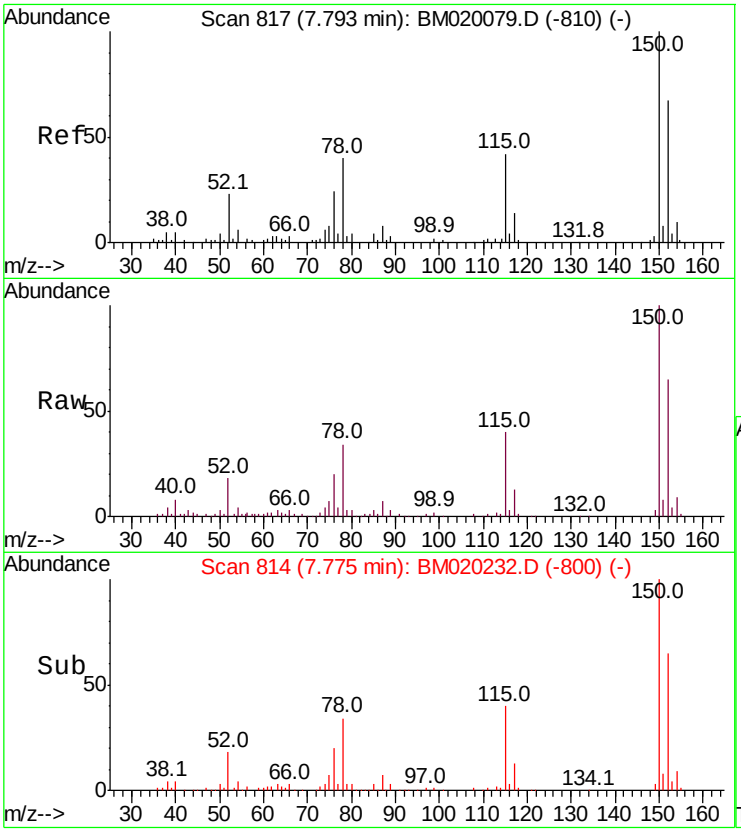


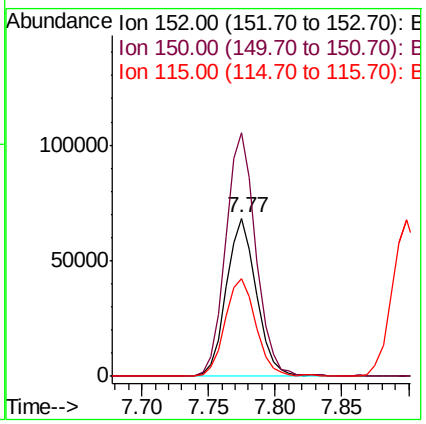


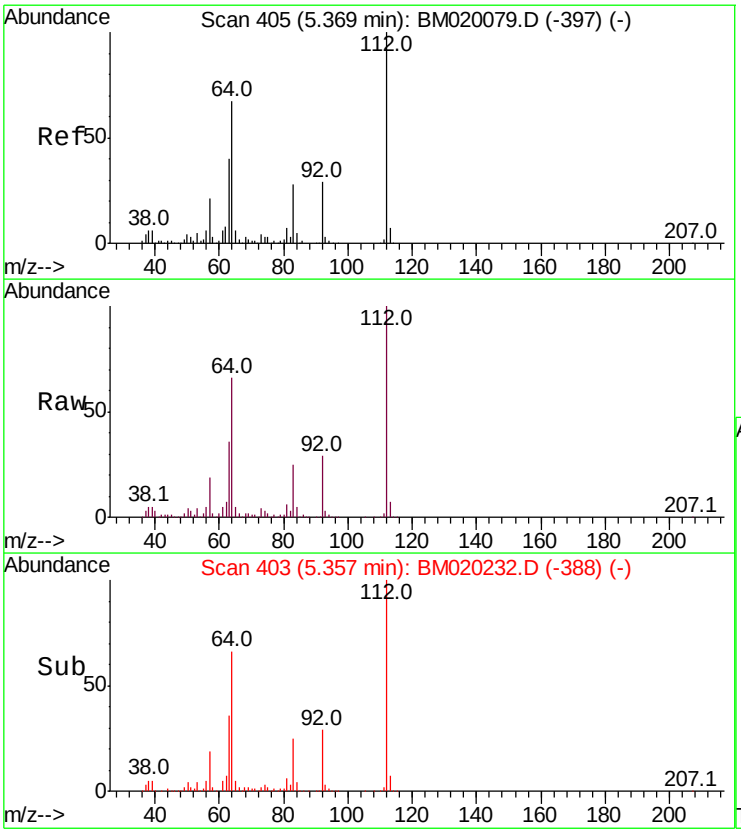
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:152 Resp: 107512

Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.8	179.8
115	61.5	50.8	76.2

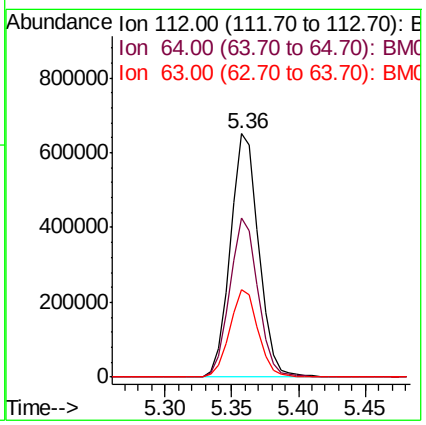


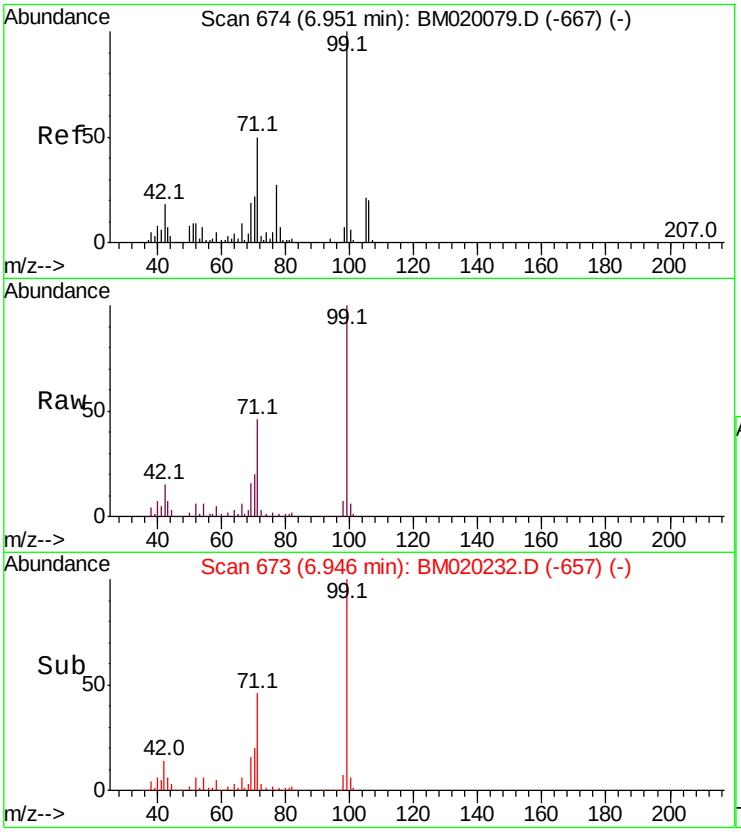


#5
2-Fluorophenol
Concen: 147.033 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:112 Resp: 967080

Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.8	80.6
63	35.9	32.3	48.5



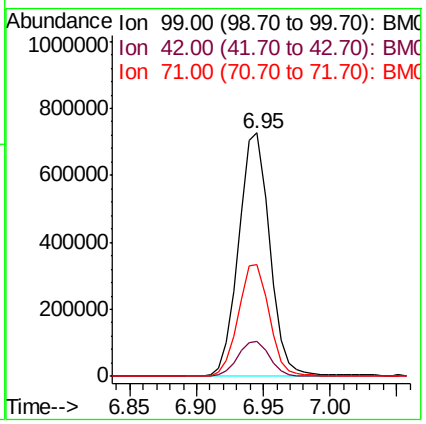


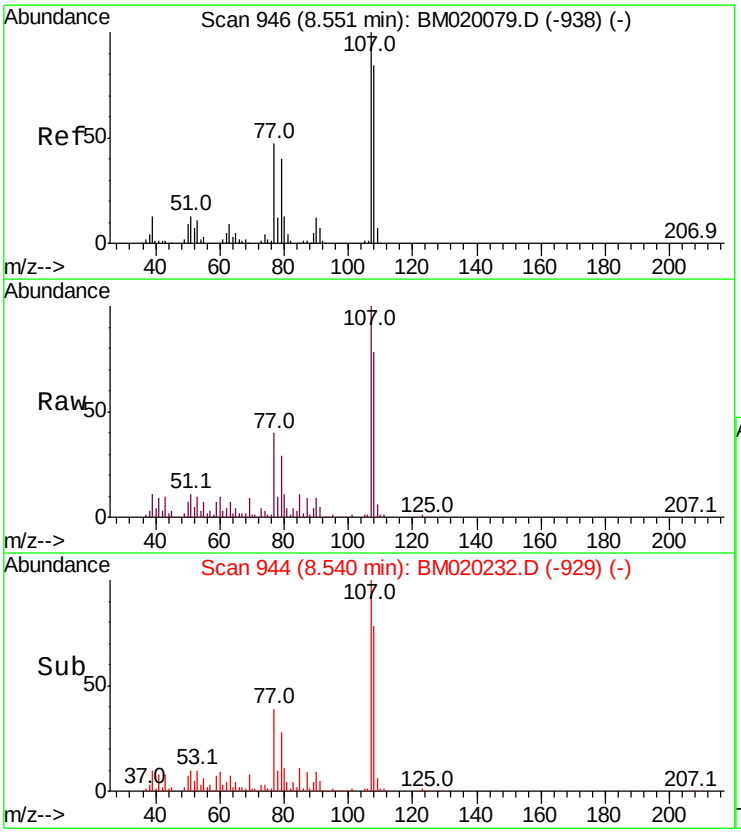
#7
Phenol-d6
Concen: 130.284 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion: 99 Resp: 1170670

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.2
71	45.8	40.3	60.5

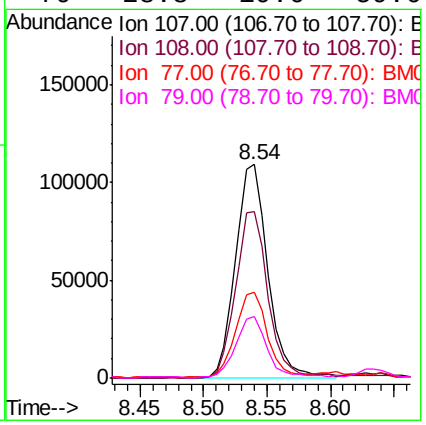


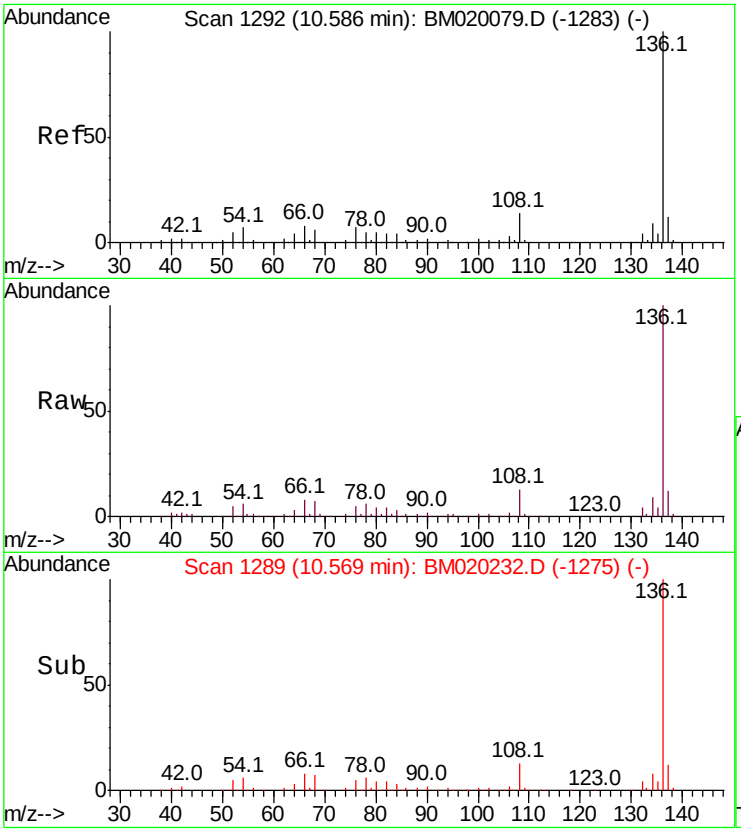


#20
3+4-Methylphenols
Concen: 23.408 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:107 Resp: 193724

Ion	Ratio	Lower	Upper
107	100		
108	77.8	64.4	104.4
77	39.9	27.2	67.2
79	28.8	19.6	59.6



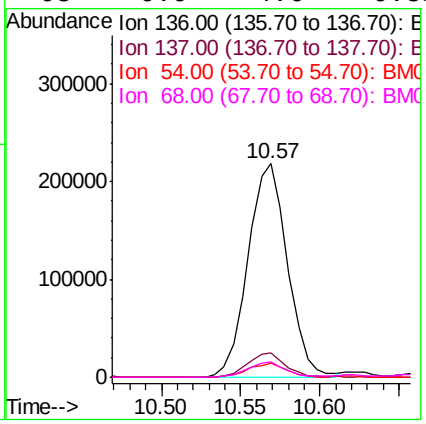


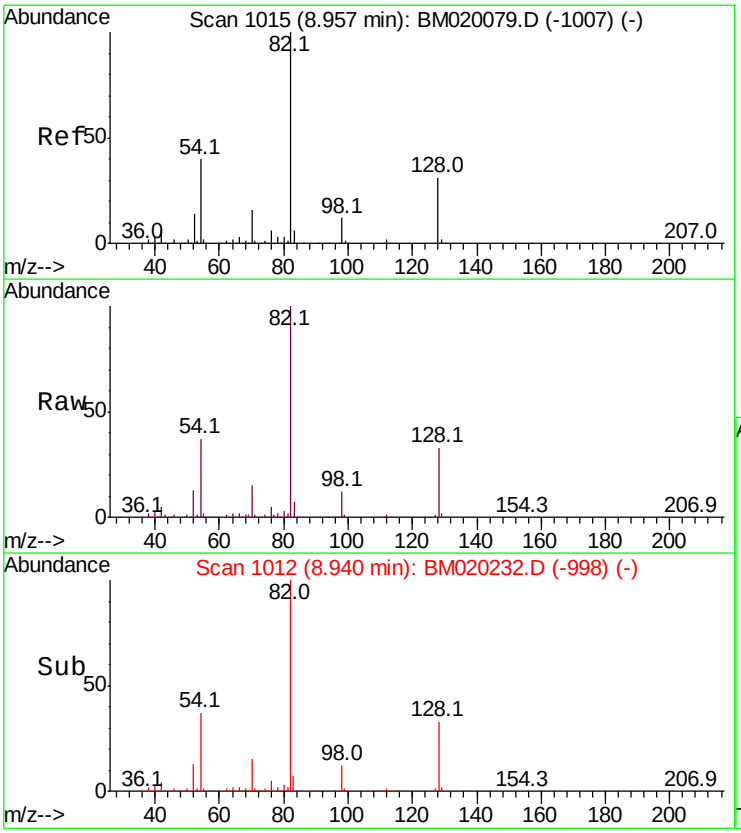
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:136 Resp: 378211

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	6.5	5.5	8.3
68	6.9	4.6	6.8#

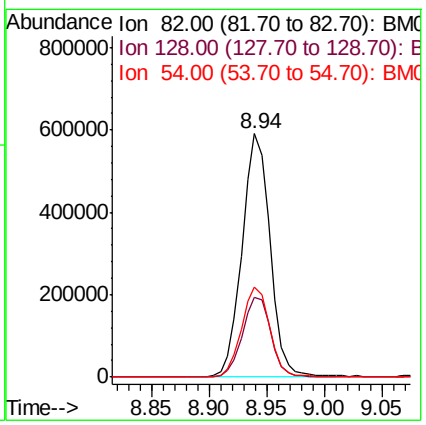


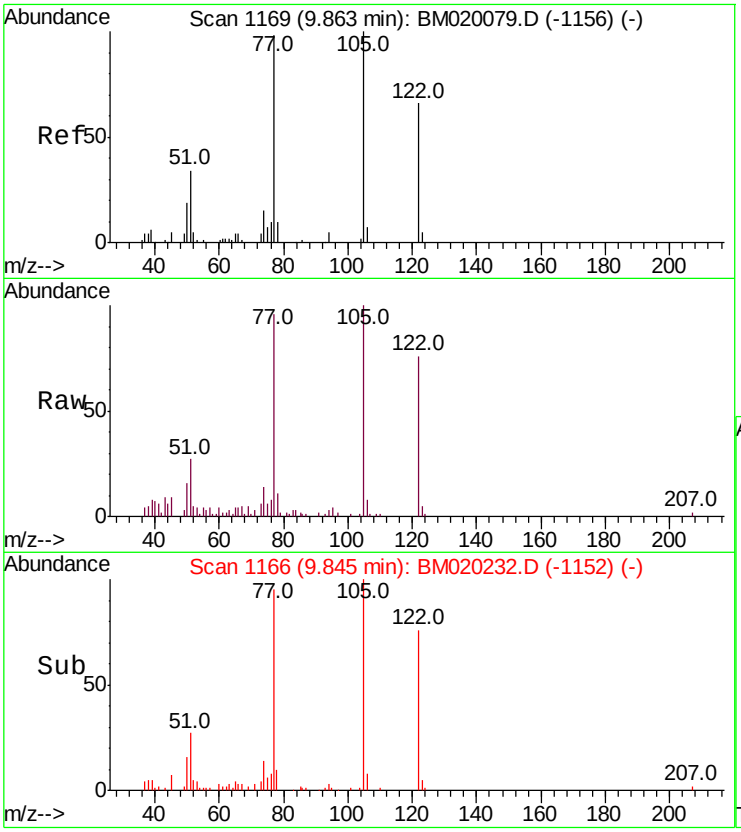


#23
Nitrobenzene-d5
Concen: 104.040 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion: 82 Resp: 996679

Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.2	37.8
54	36.9	31.9	47.9



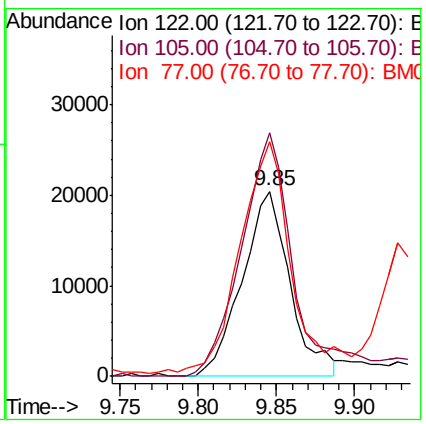


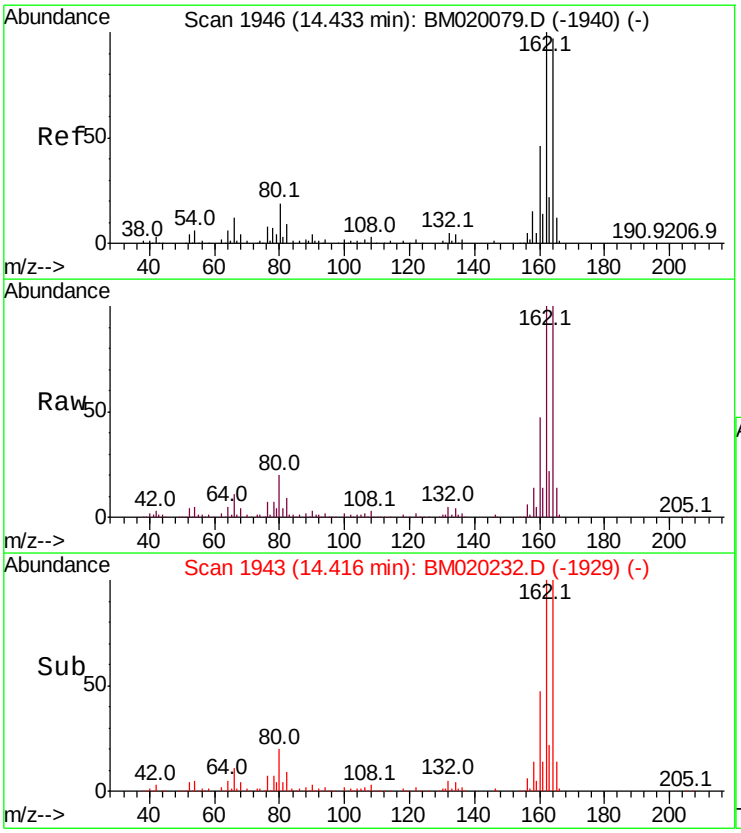
#32
Benzoic acid
Concen: 17.203 ng m
RT: 9.85 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:122 Resp: 43634

Ion	Ratio	Lower	Upper
122	100		
105	131.4	122.5	162.5
77	126.5	123.3	163.3

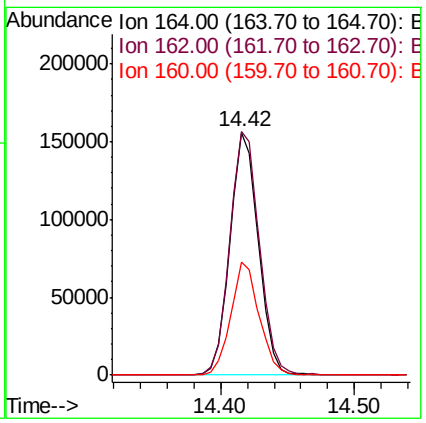


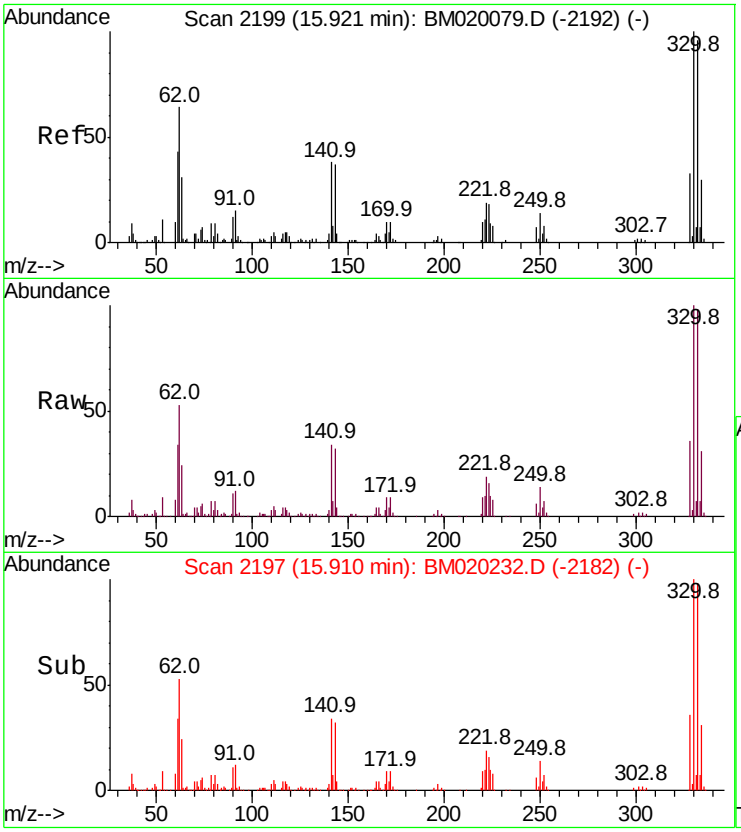


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:164 Resp: 231588

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	46.7	37.6	56.4



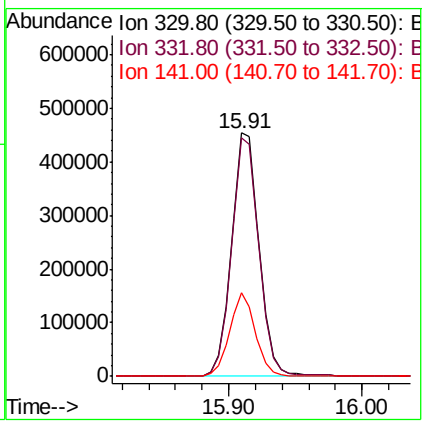


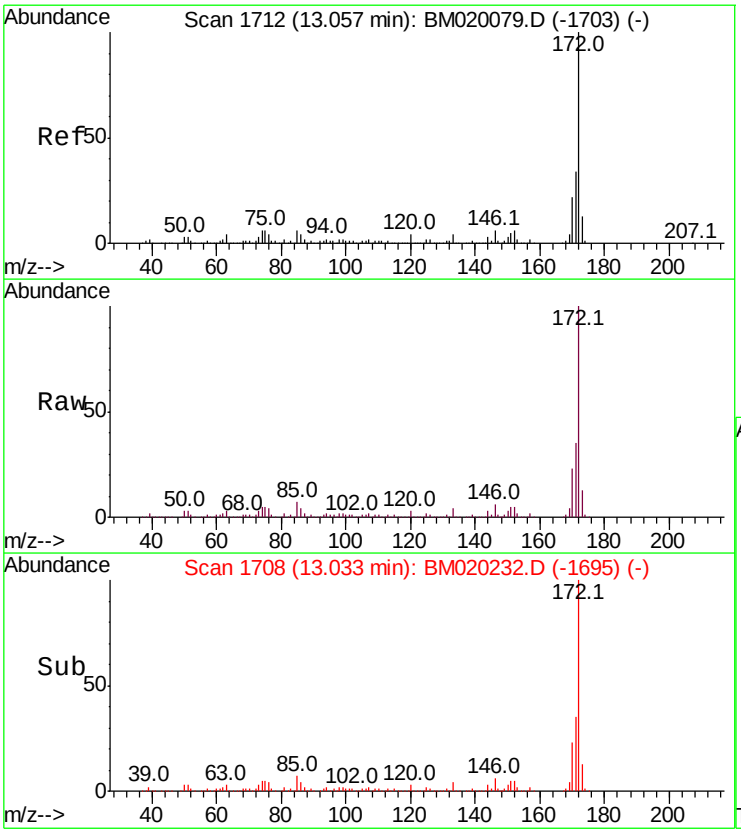
#42
2,4,6-Tribromophenol
Concen: 181.217 ng
RT: 15.91 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:330 Resp: 651417

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	32.5	29.2	43.8

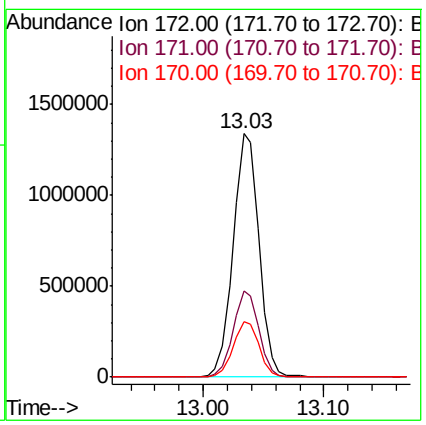


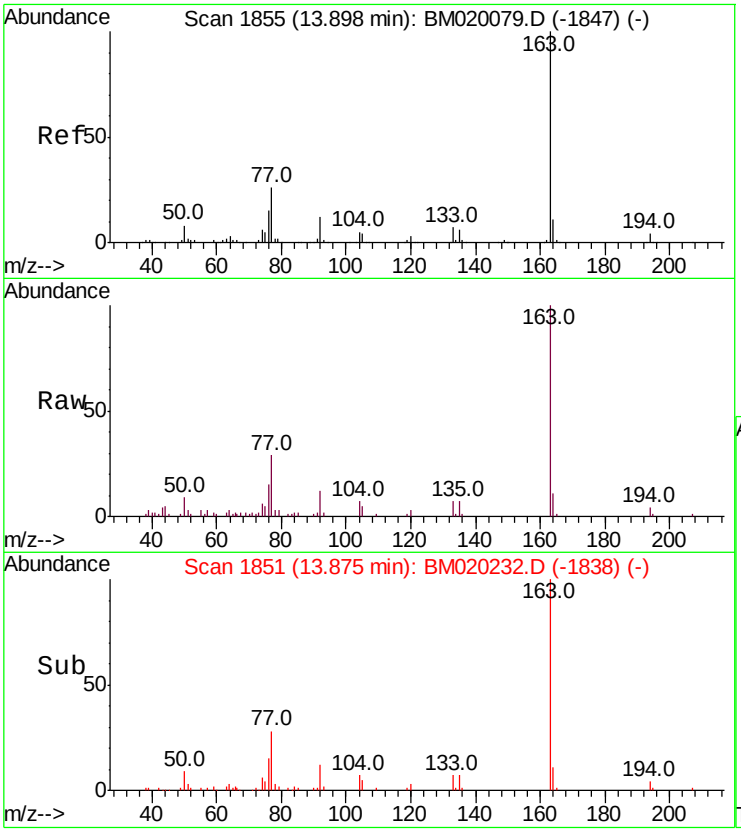


#45
2-Fluorobiphenyl
Concen: 106.667 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:172 Resp: 2007767

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	22.8	17.9	26.9



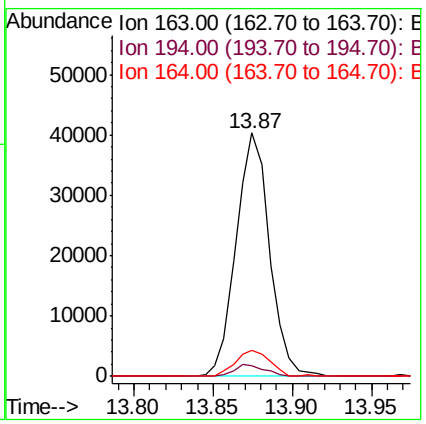


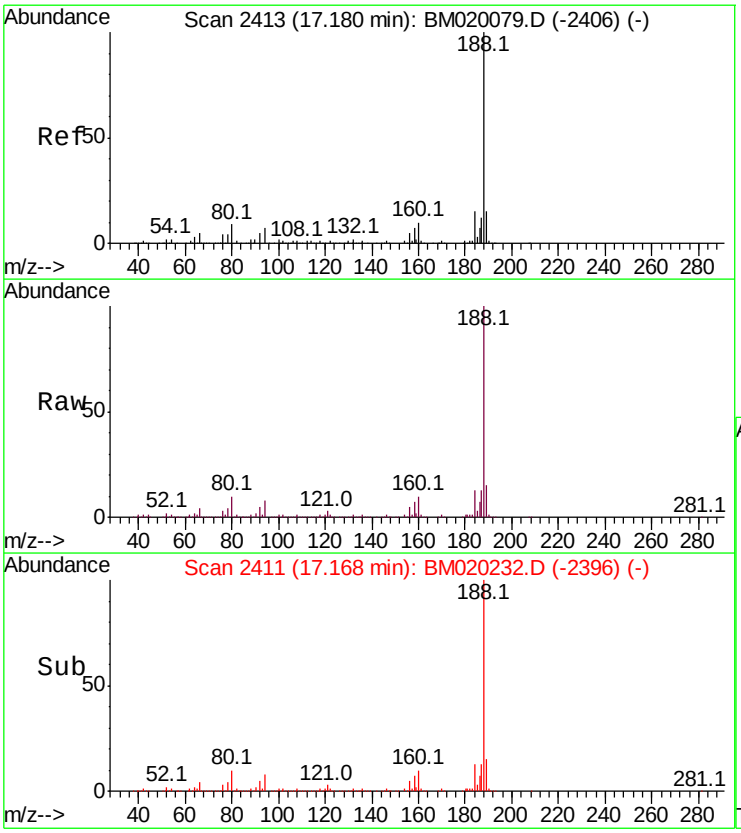
#50
Dimethylphthalate
Concen: 2.996 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:163 Resp: 58977

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.9	8.4	12.6

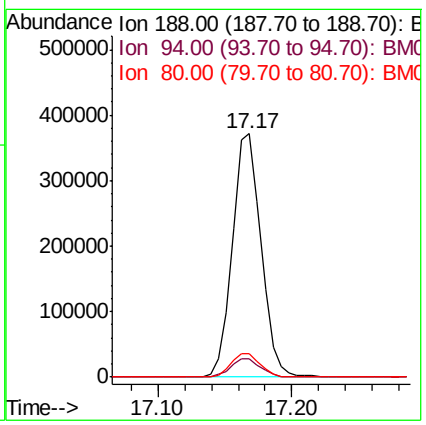


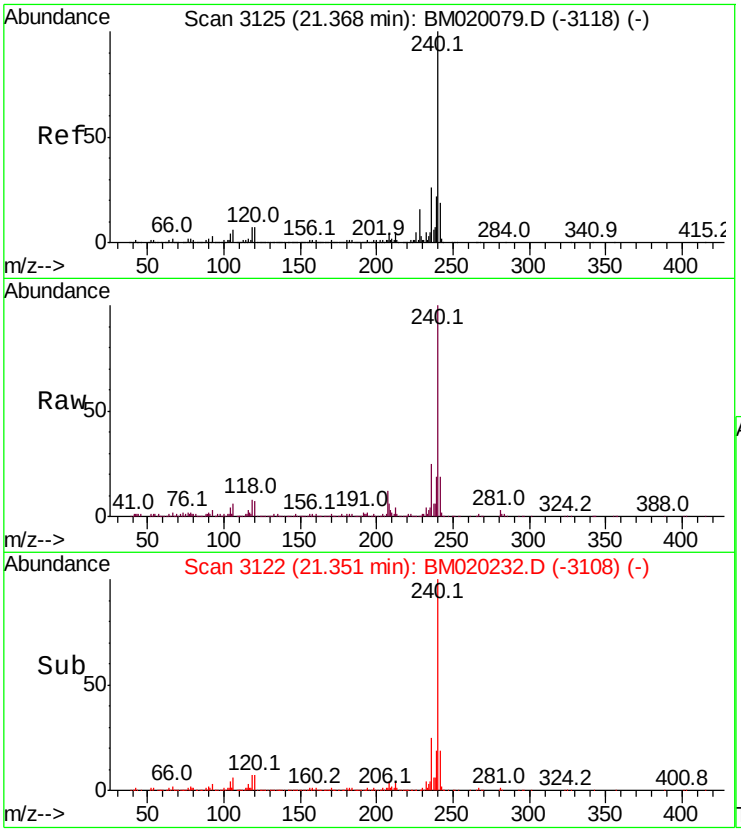


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:188 Resp: 555857

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	9.9	7.4	11.2



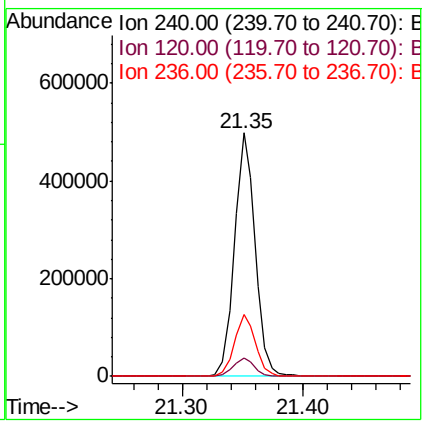


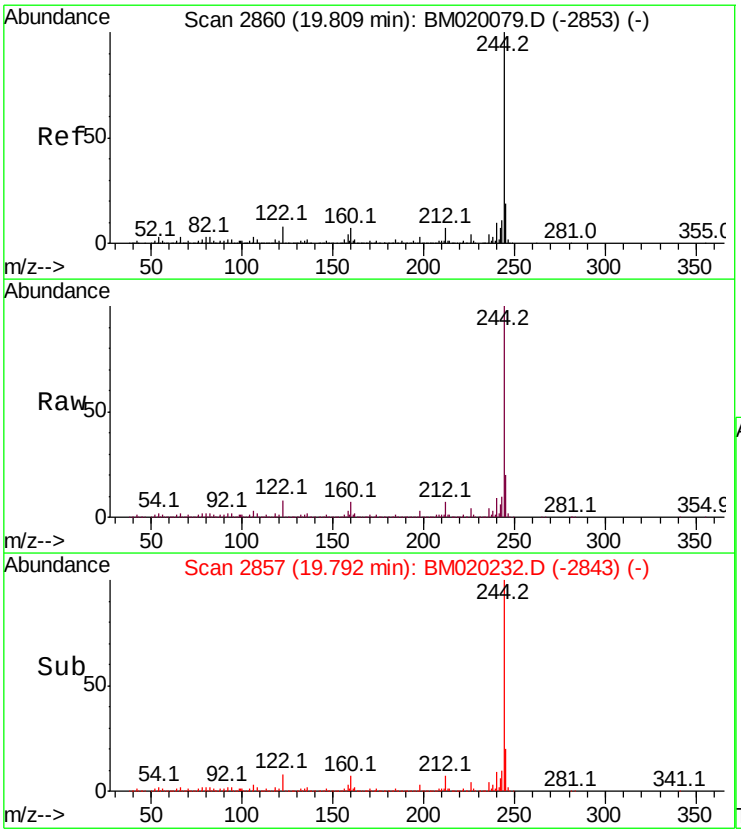
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:240 Resp: 596811

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	25.4	20.9	31.3

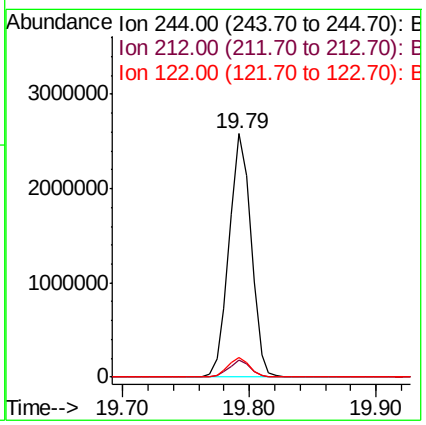


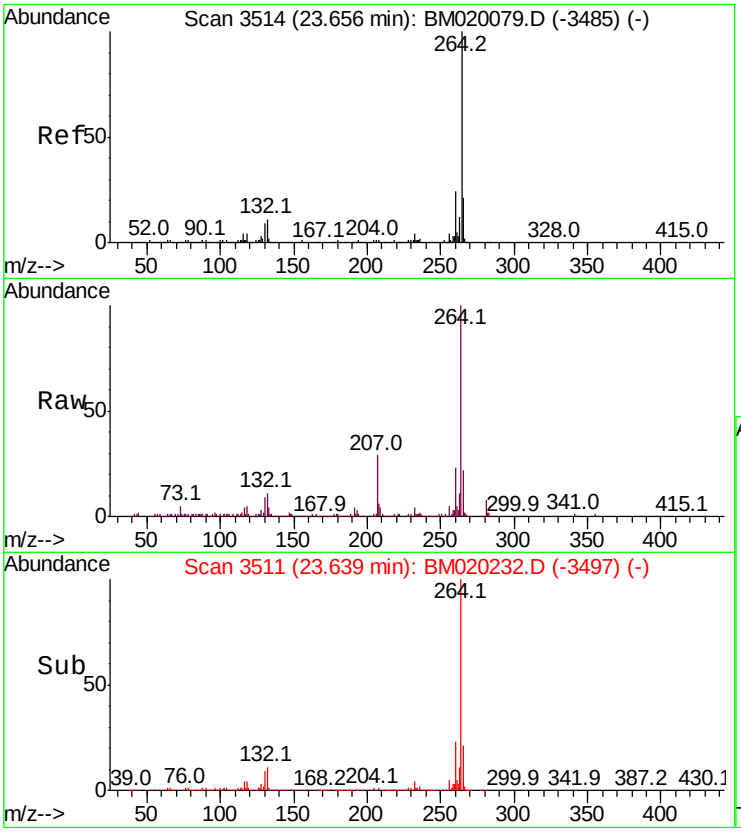


#79
Terphenyl-d14
Concen: 89.980 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion:244 Resp: 3078817

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.9	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tgt Ion:264 Resp: 700714

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.9	16.9	25.3