Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019969.D
Acq On : 19 Apr 2019 00:35
Operator : JU/SJ
Sample : K2461-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-11

Quant Time: Apr 19 01:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93754	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	347825	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	191807	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	417994	20.00	ng	0.00
76) Chrysene-d12	21.16	240	415799	20.00	ng	0.00
87) Perylene-d12	23.34	264	518756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	332264	57.44	ng	0.00
7) Phenol-d6	6.72	99	269873	31.00	ng	0.00
23) Nitrobenzene-d5	8.69	82	627540	80.69	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	361253	117.00	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1255498	81.57	ng	0.00
79) Terphenyl-d14	19.59	244	2013221	85.40	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.34	128	172376	9.240	ng	97
50) Dimethylphthalate	13.66	163	88593	5.236	ng	99

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

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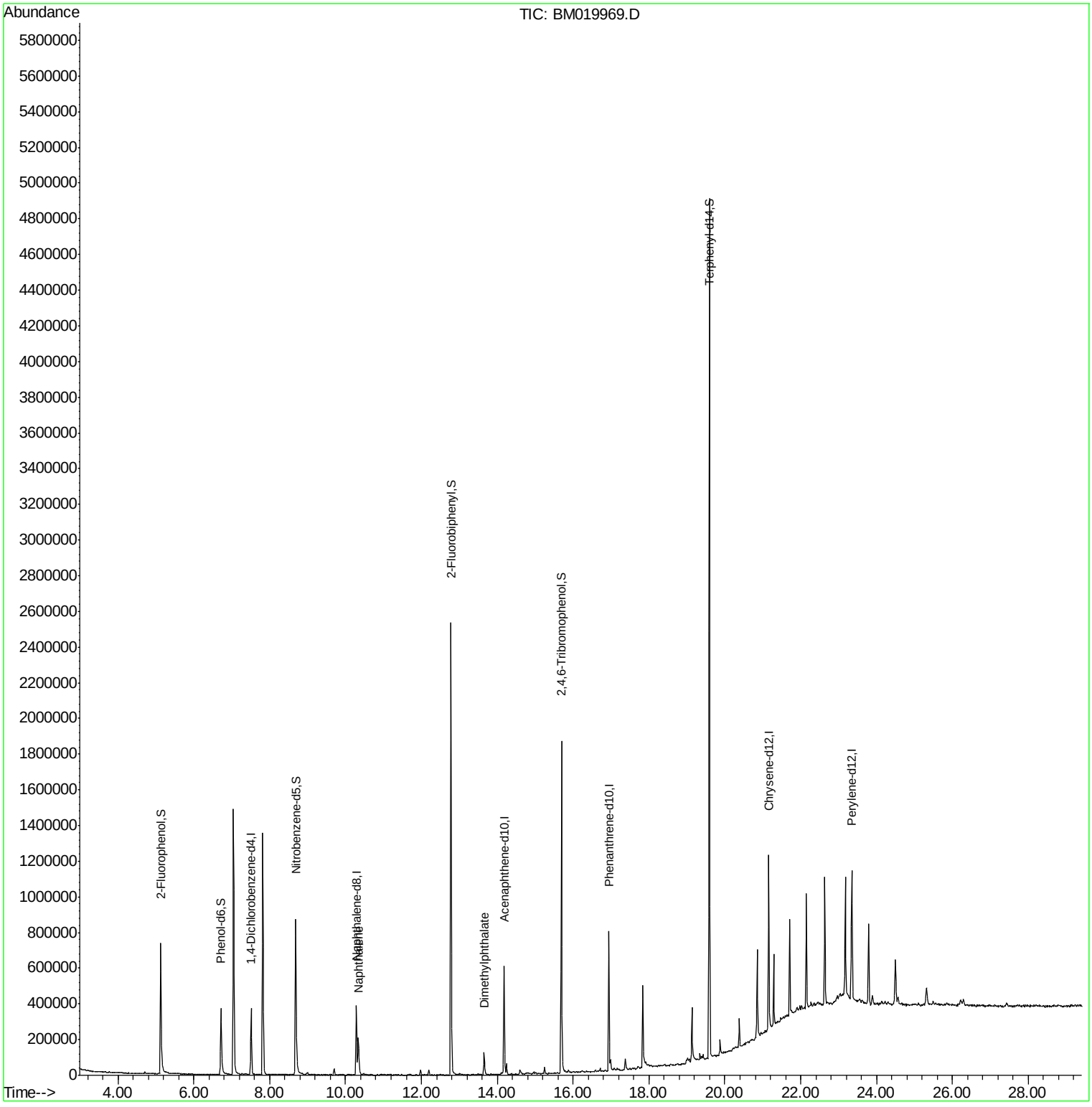
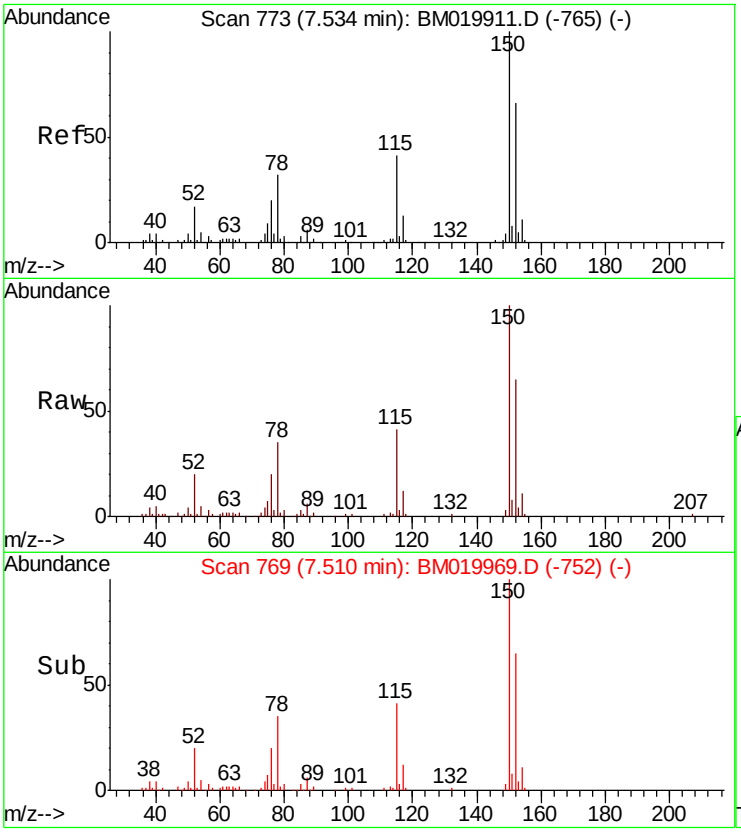


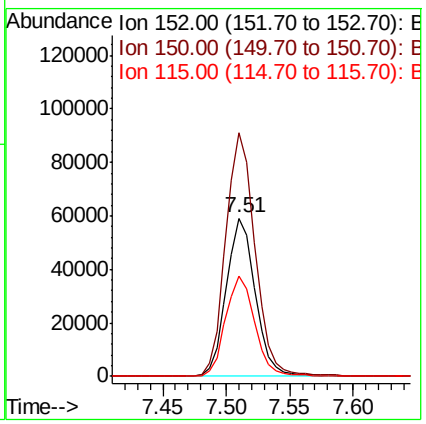


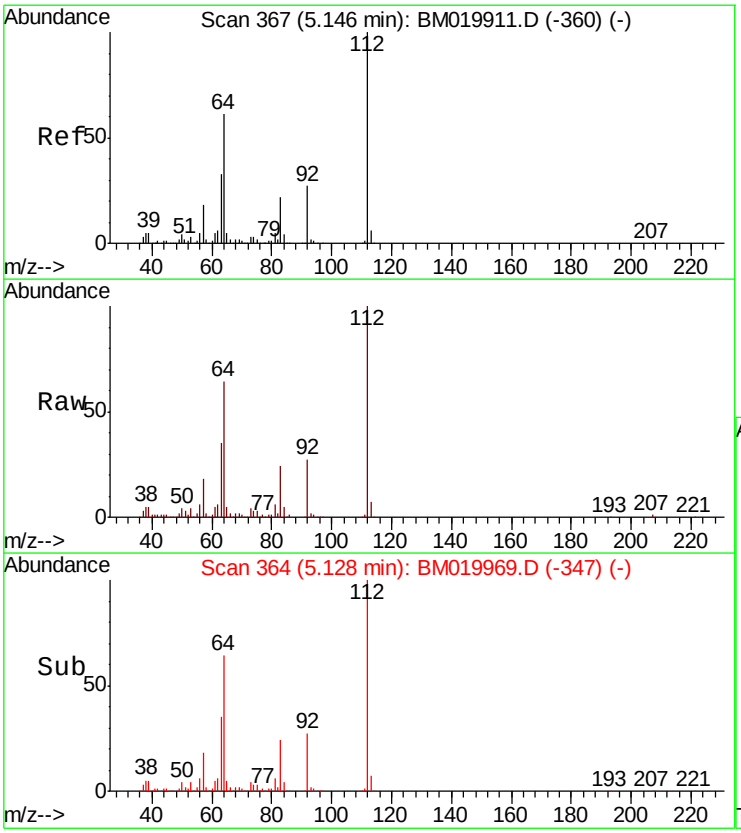
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion:152 Resp: 93754

Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.1	183.1
115	63.6	50.0	75.0

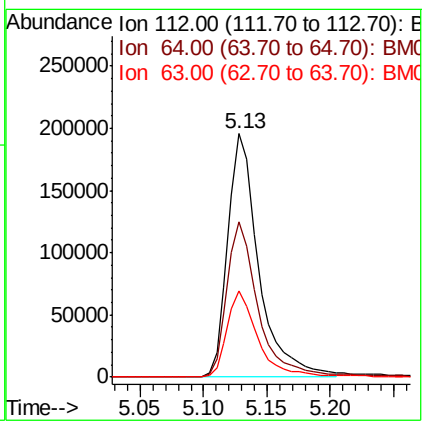


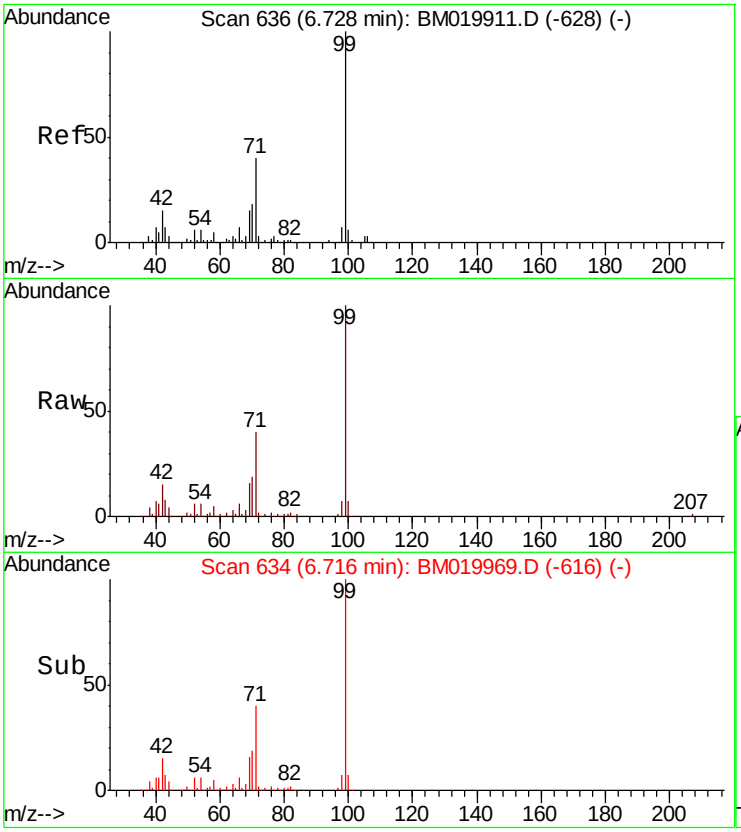


#5
2-Fluorophenol
Concen: 57.436 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:112 Resp: 332264

Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.1	73.7
63	35.3	26.5	39.7



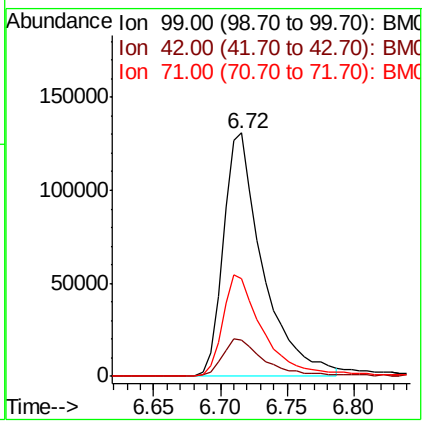


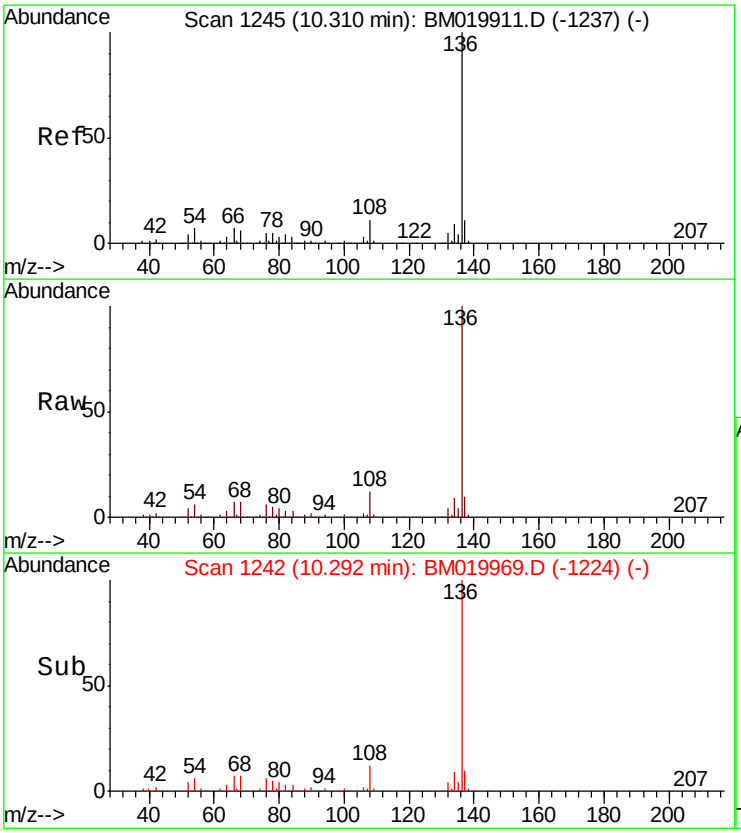
#7
Phenol-d6
Concen: 30.997 ng
RT: 6.72 min Scan# 634
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion: 99 Resp: 269873

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.8	17.8
71	39.9	32.0	48.0

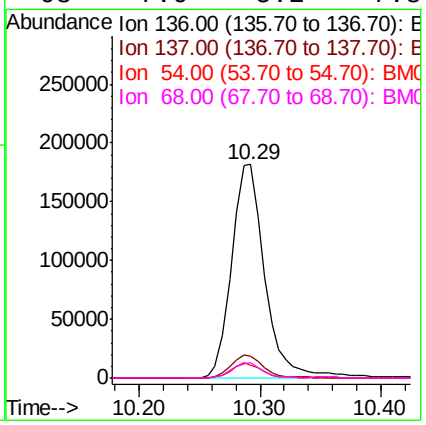


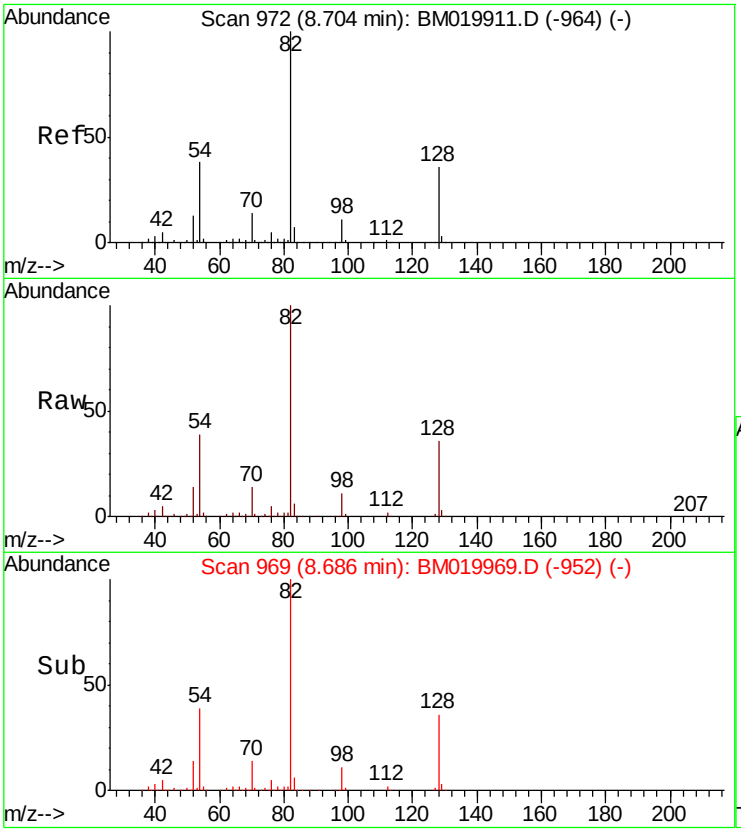


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:136 Resp: 347825

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.6
54	6.1	5.3	7.9
68	7.0	5.2	7.8



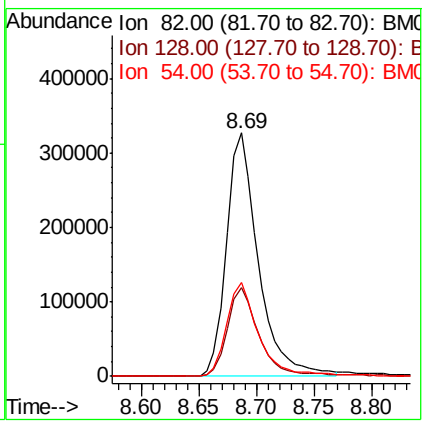


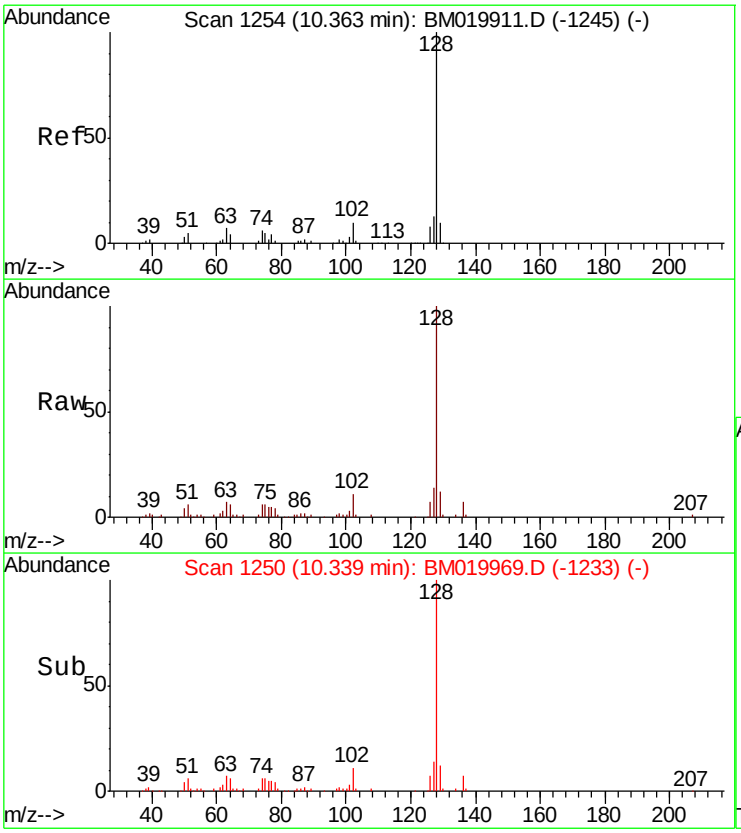
#23
Nitrobenzene-d5
Concen: 80.685 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion: 82 Resp: 627540

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.0	43.4
54	38.7	30.2	45.4

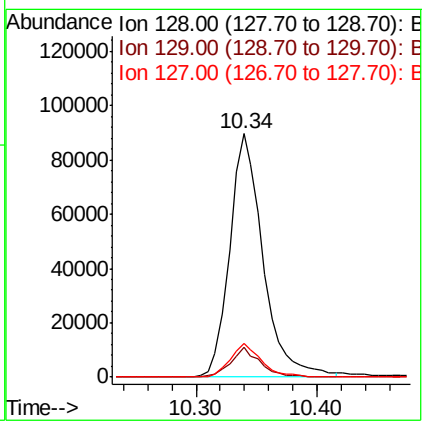


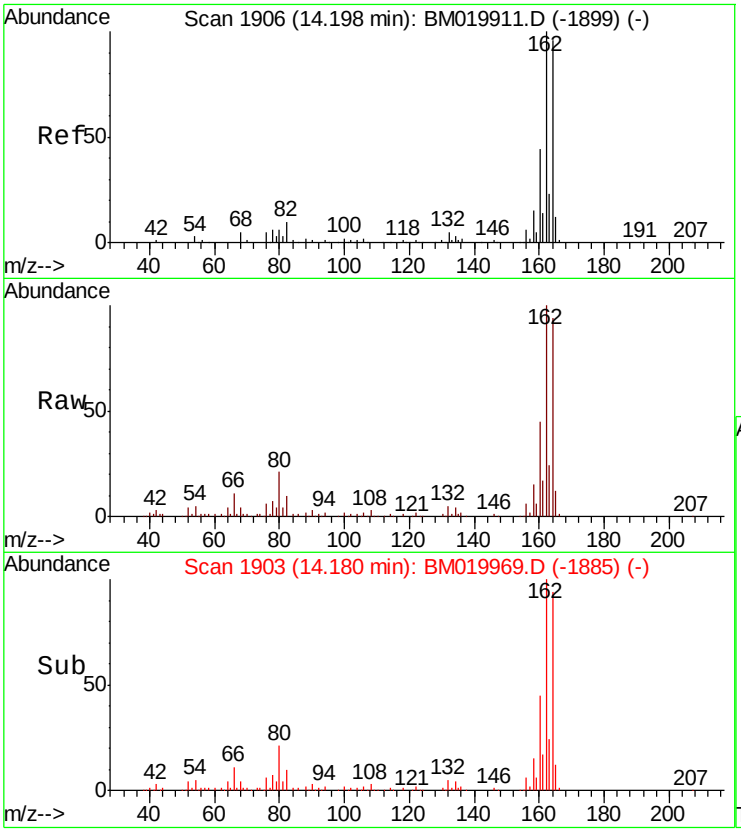


#31
Naphthalene
Concen: 9.240 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:128 Resp: 172376

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.3	12.5
127	14.0	10.4	15.6



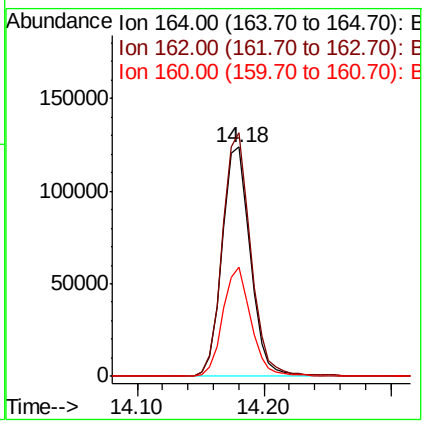


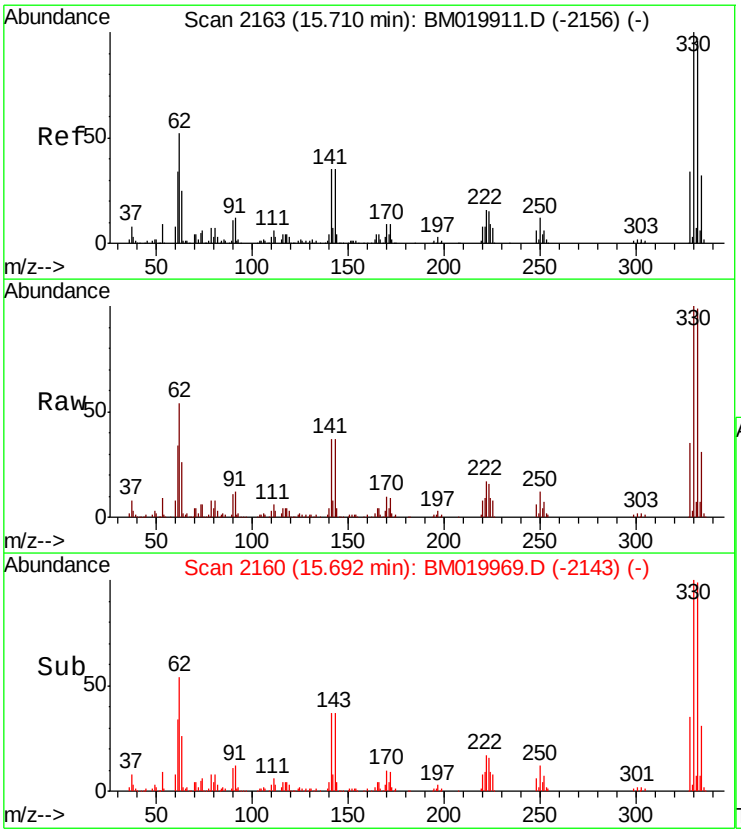
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion:164 Resp: 191807

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.4
160	47.7	36.6	55.0

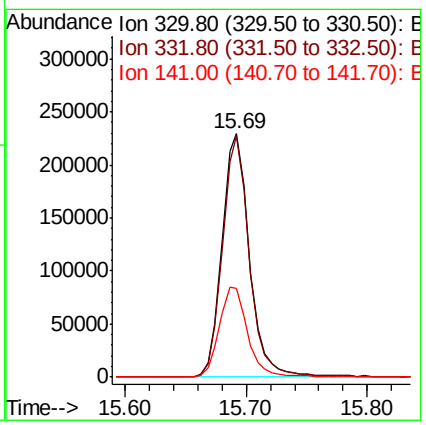


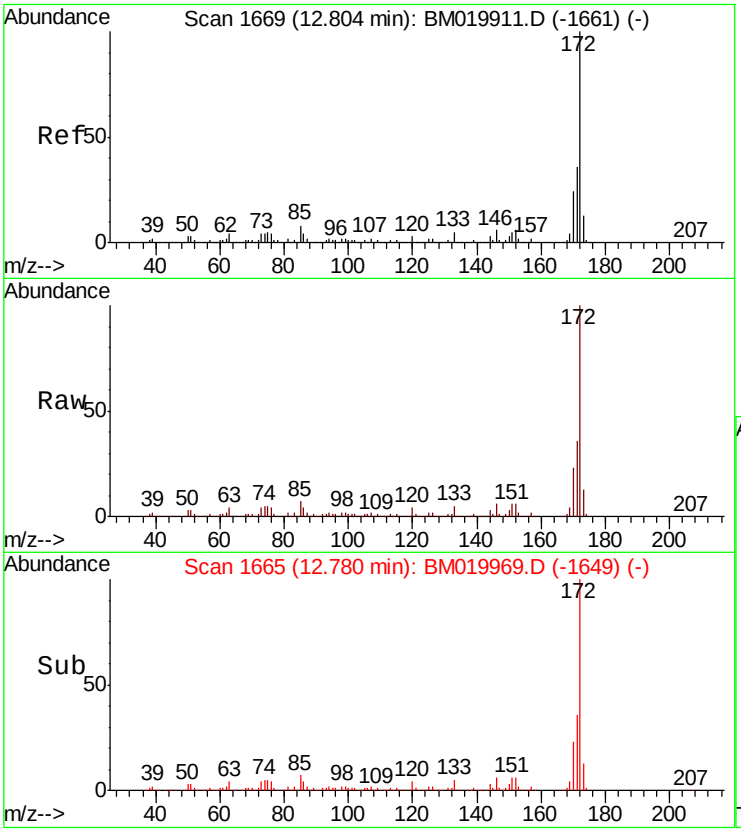


#42
2,4,6-Tribromophenol
Concen: 117.003 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:330 Resp: 361253

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.3	29.0	43.4



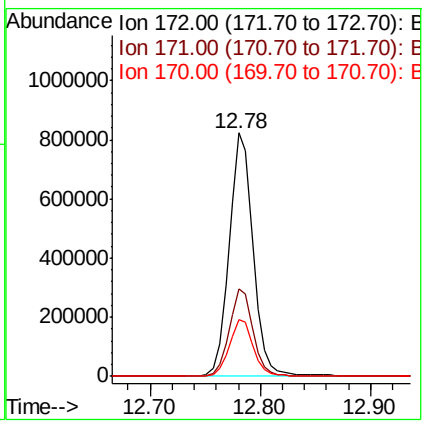


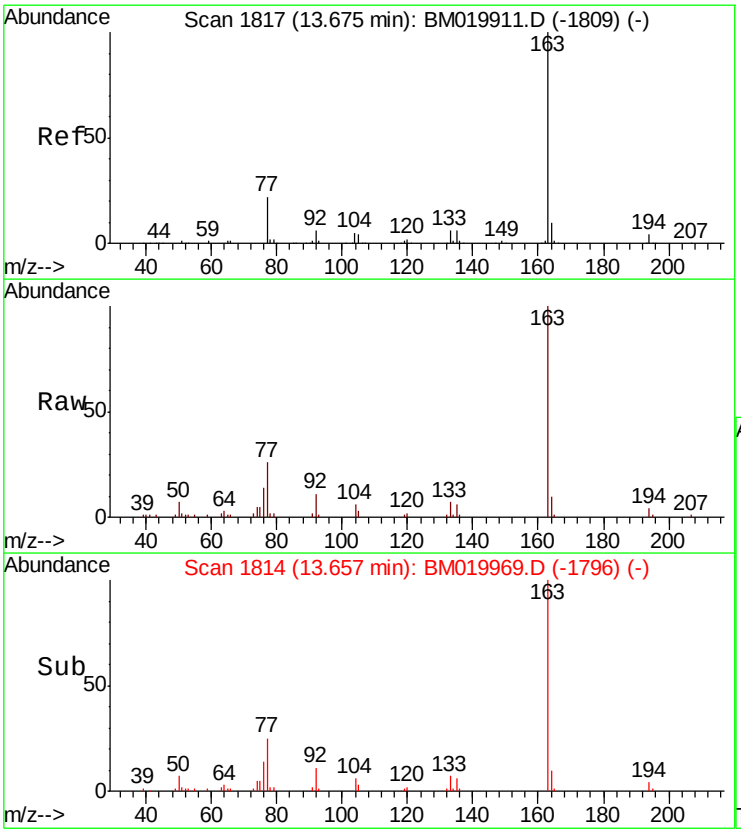
#45
2-Fluorobiphenyl
Concen: 81.574 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion:172 Resp: 1255498

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.0	28.4

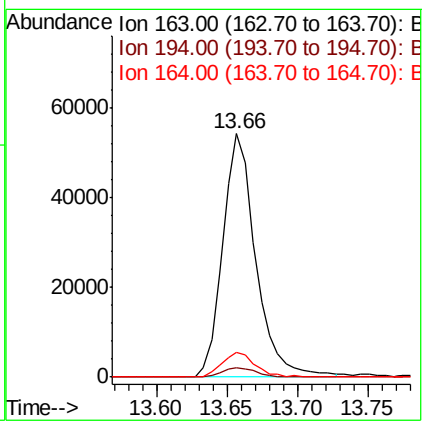


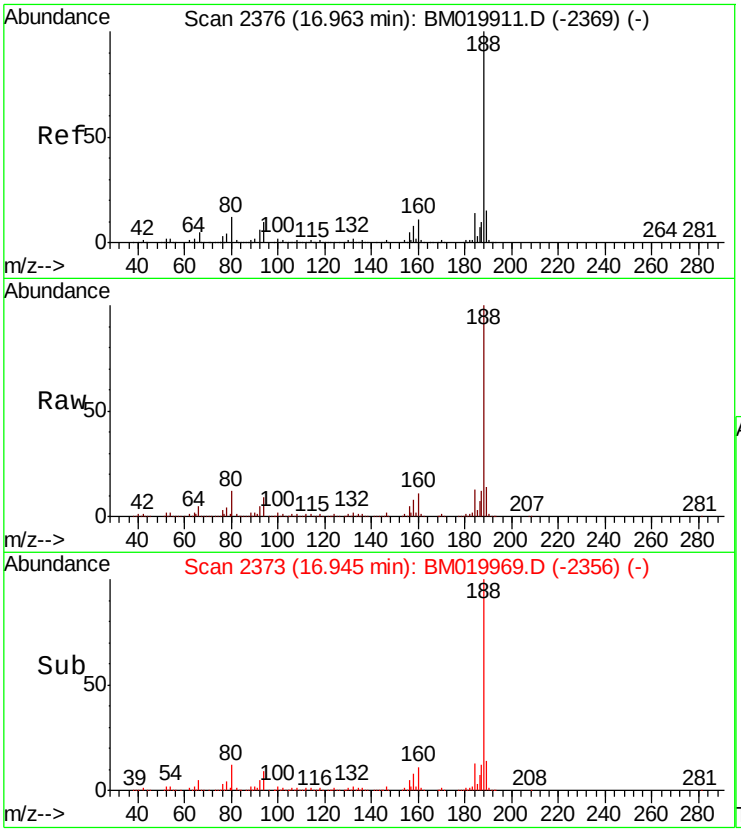


#50
Dimethylphthalate
Concen: 5.236 ng
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:163 Resp: 88593

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	7.9	11.9



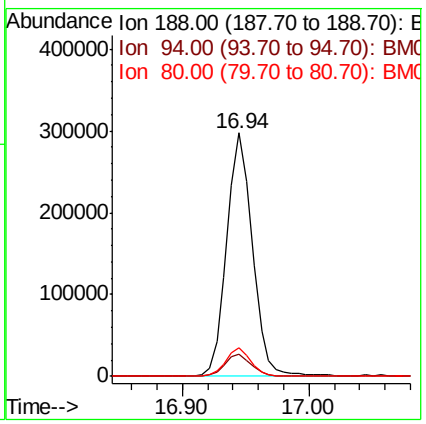


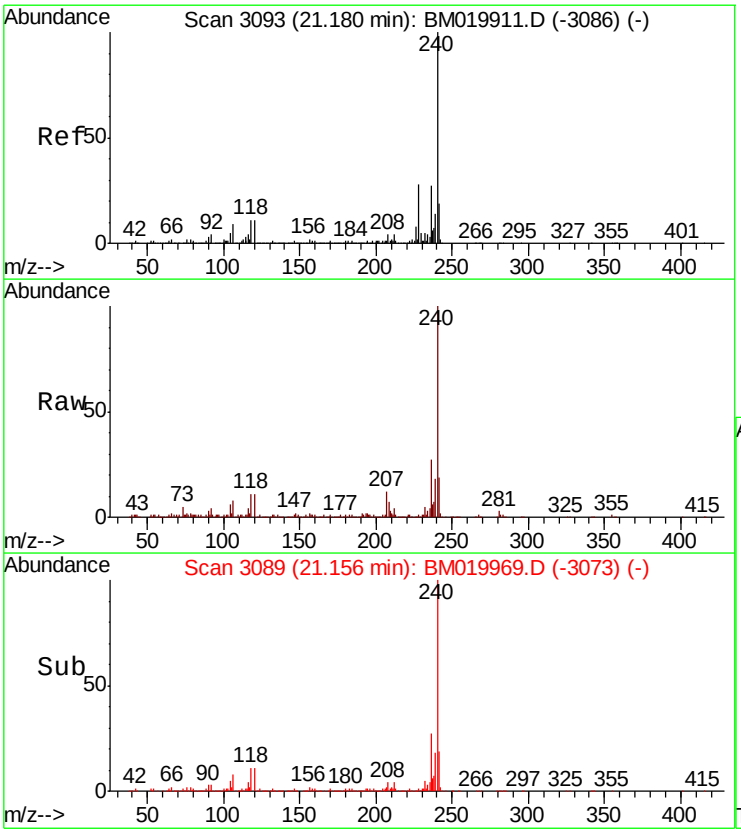
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion:188 Resp: 417994

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.6	9.4	14.0

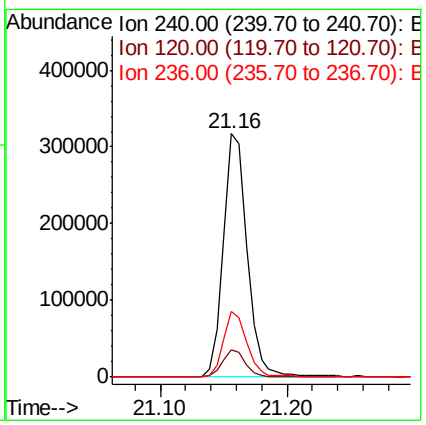


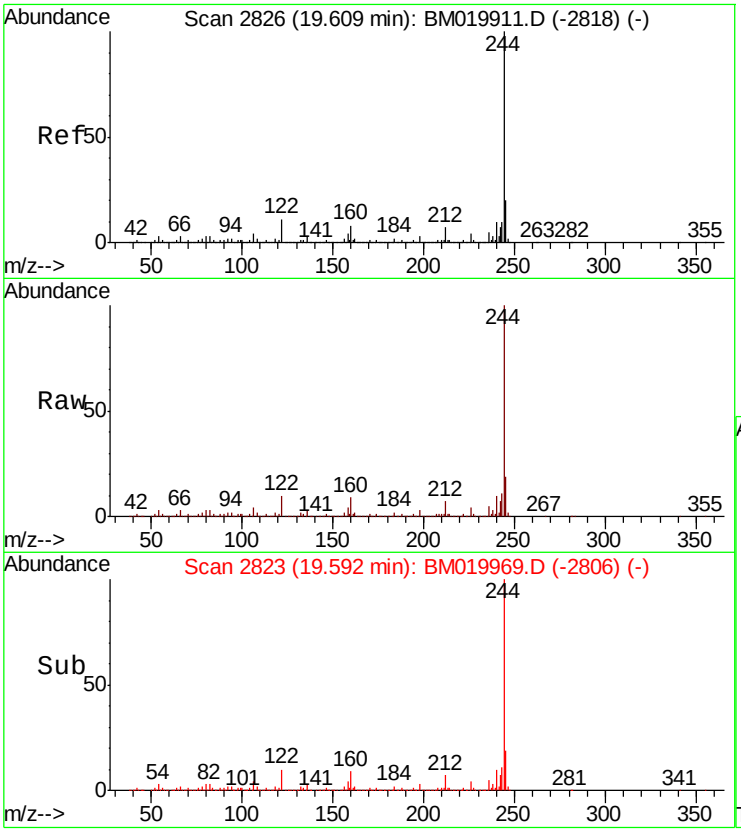


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:240 Resp: 415799

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	26.8	21.4	32.2



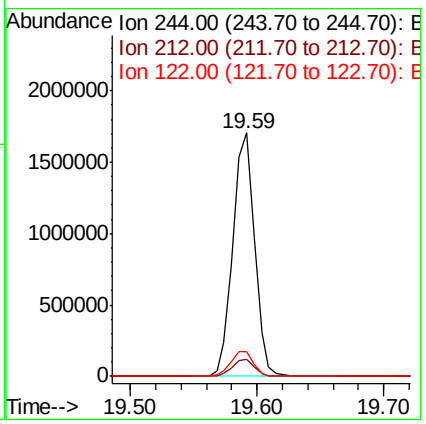


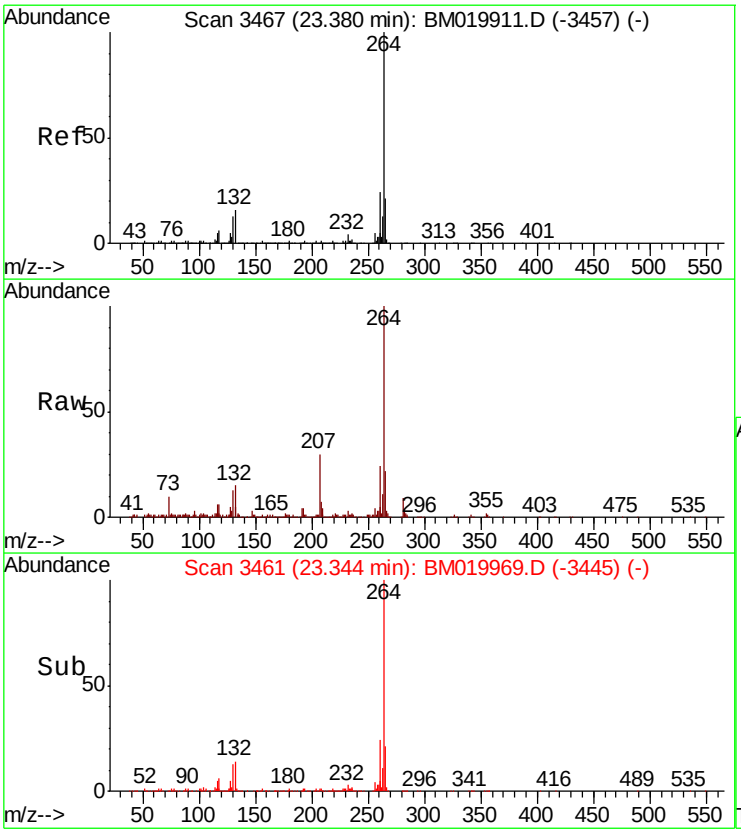
#79
Terphenyl-d14
Concen: 85.401 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Instrument :
BNA_M
ClientSampleId :
GMW-11

Tgt Ion:244 Resp: 2013221

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.0	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM019969.D
Acq: 19 Apr 2019 00:35

Tgt Ion:264 Resp: 518756

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.2	25.8