Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM020001.D
Acq On : 20 Apr 2019 10:19
Operator : JU/SJ
Sample : K2487-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-X

Quant Time: Apr 21 22:48:19 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	7.50	152	74876	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	286704	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	179404	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	438837	20.00	ng	0.00
76) Chrysene-d12	21.16	240	516805	20.00	ng	0.00
87) Perylene-d12	23.34	264	681636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	297086	64.30	ng	0.00
7) Phenol-d6	6.70	99	245023	35.24	ng	0.00
23) Nitrobenzene-d5	8.68	82	596218	93.00	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	438163	151.72	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1347698	93.62	ng	-0.01
79) Terphenyl-d14	19.59	244	2694000	91.94	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.66	163	33005	2.086	ng	98

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

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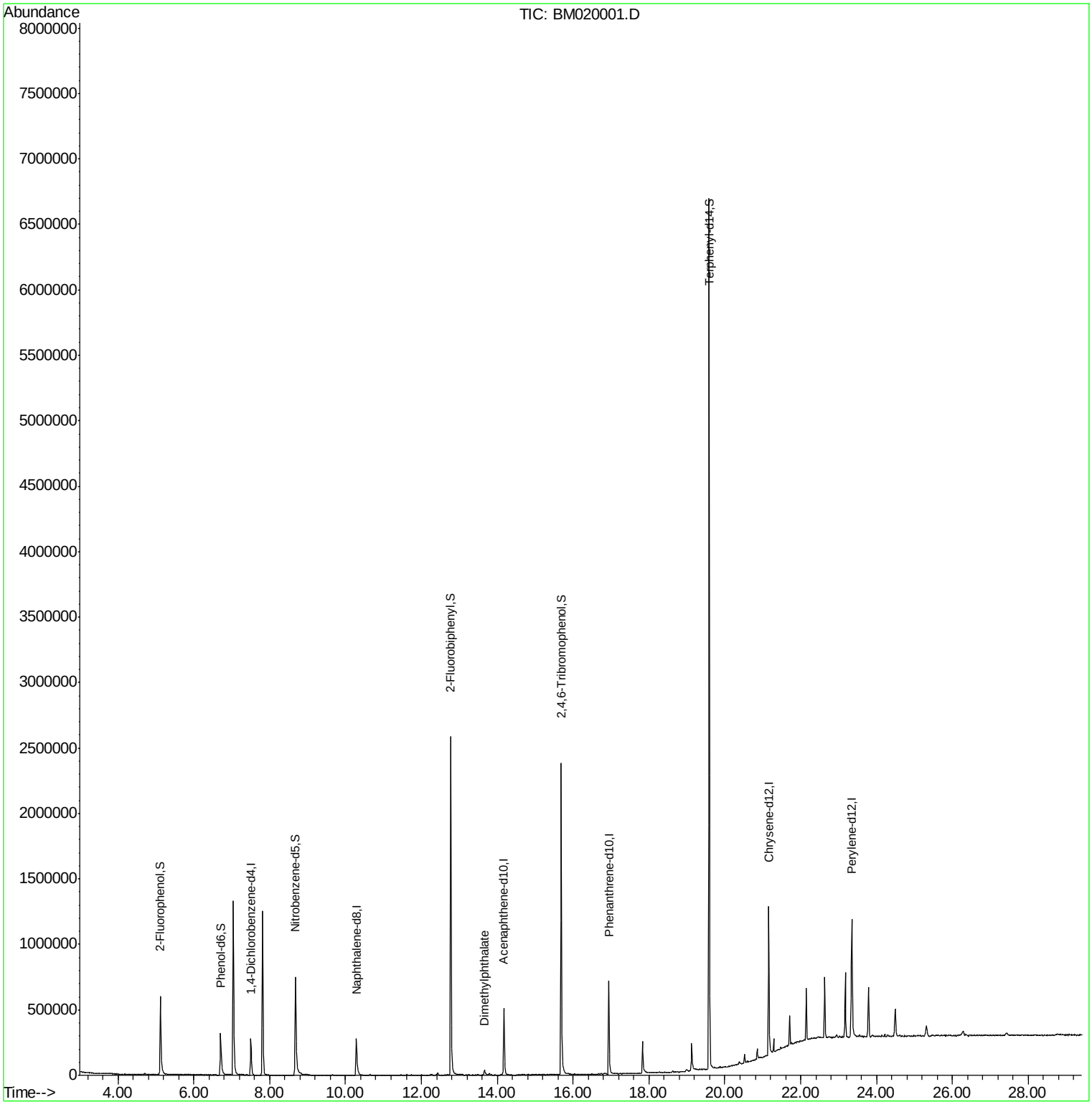
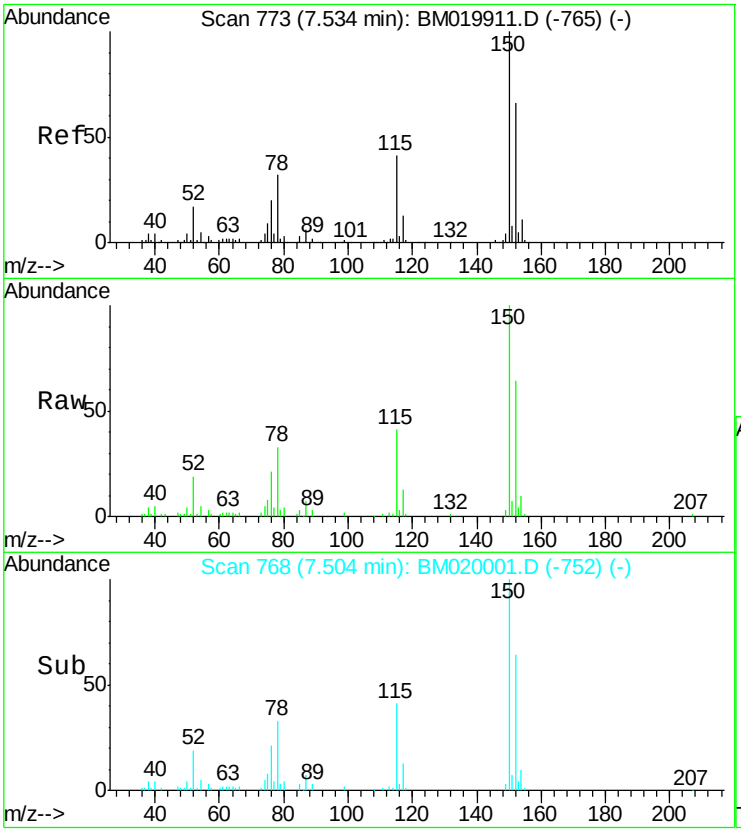


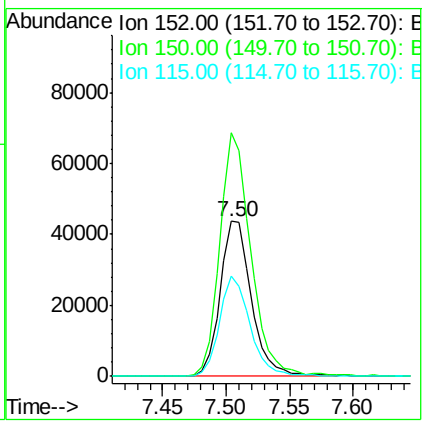


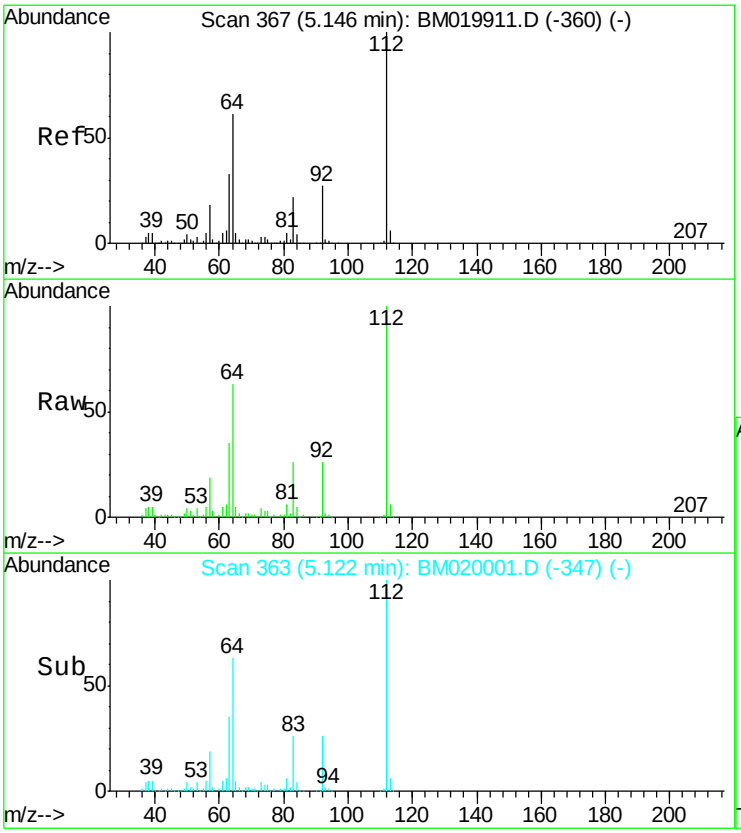
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion:152 Resp: 74876

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.1	183.1
115	65.1	50.0	75.0

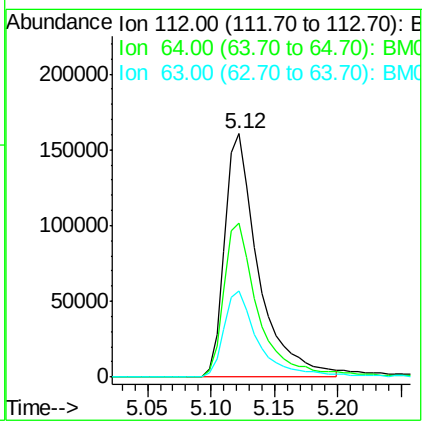


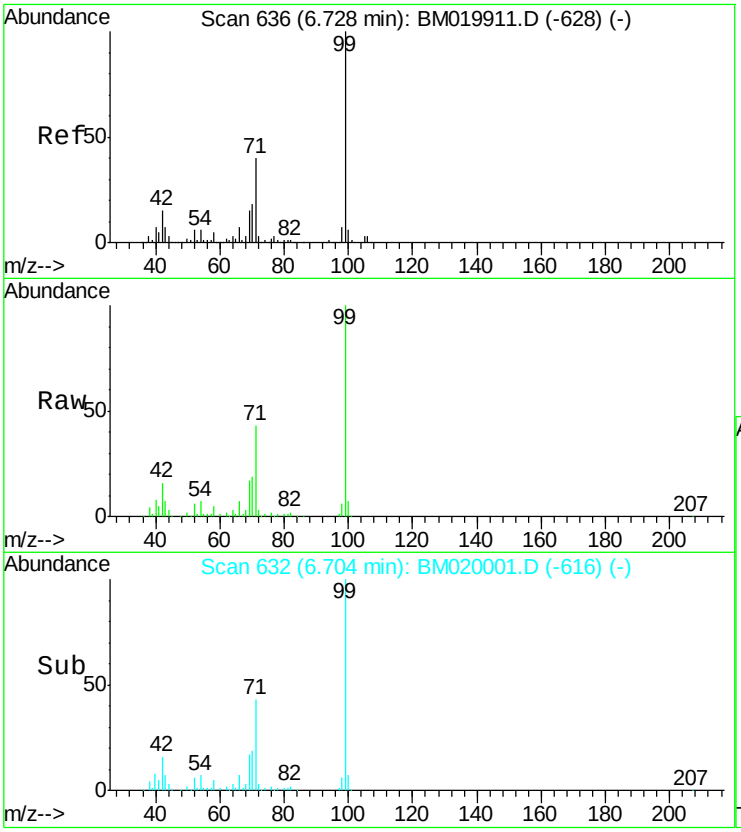


#5
2-Fluorophenol
Concen: 64.303 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:112 Resp: 297086

Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.1	73.7
63	35.5	26.5	39.7



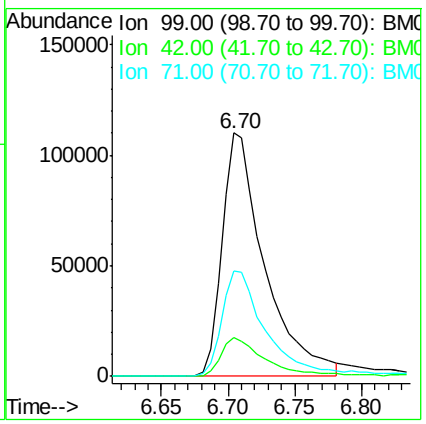


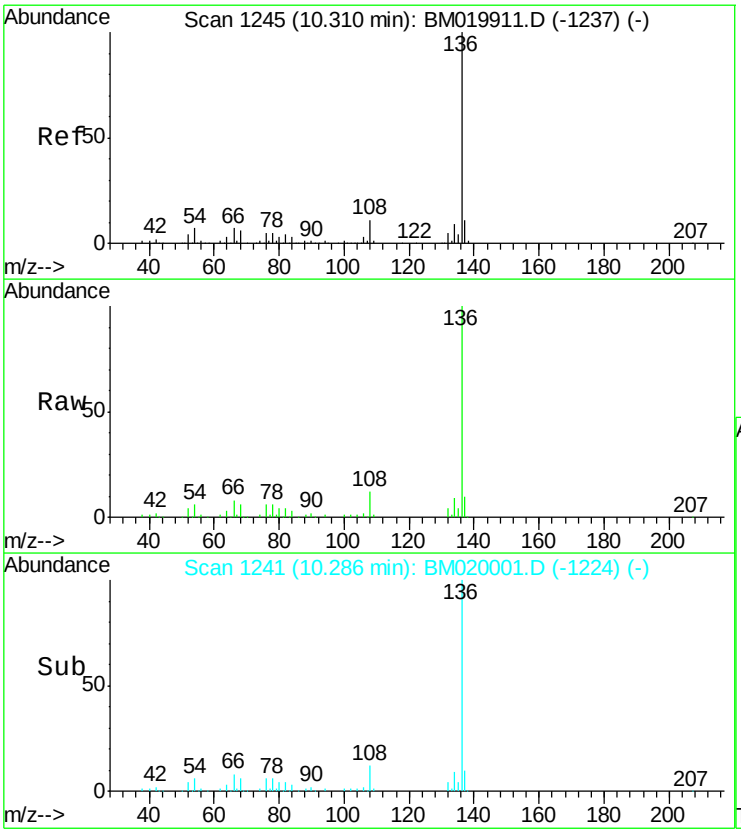
#7
Phenol-d6
Concen: 35.239 ng
RT: 6.70 min Scan# 632
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion: 99 Resp: 245023

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.8	17.8
71	43.4	32.0	48.0

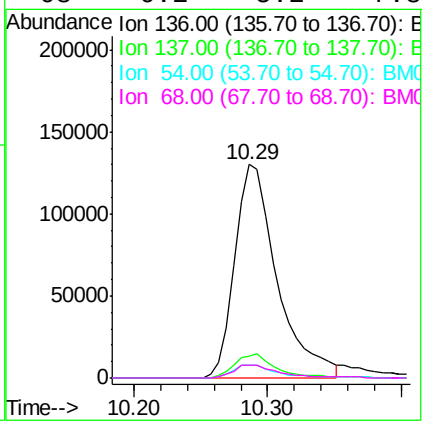


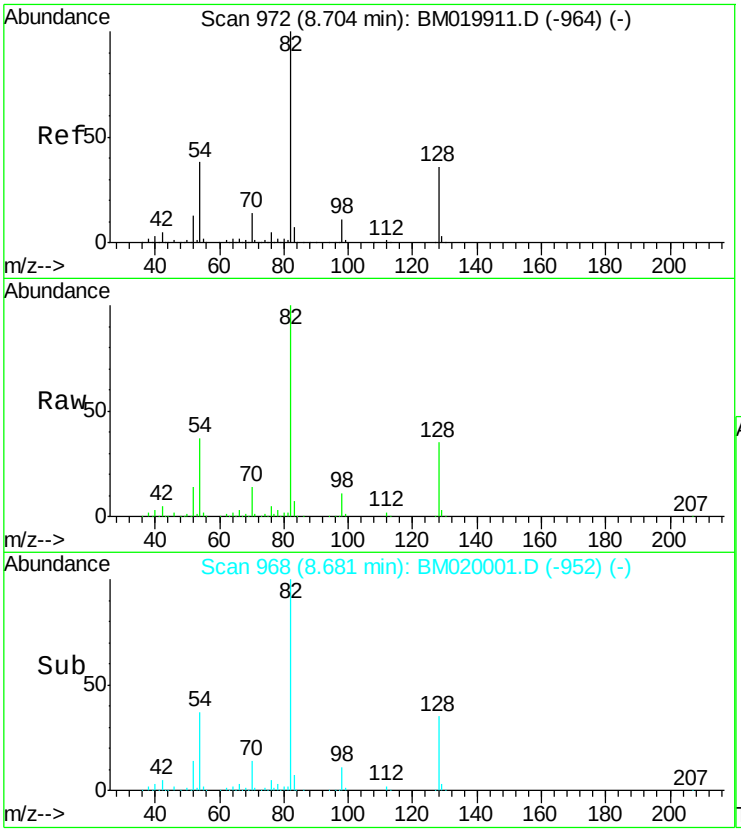


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:136 Resp: 286704

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.6
54	6.1	5.3	7.9
68	6.2	5.2	7.8



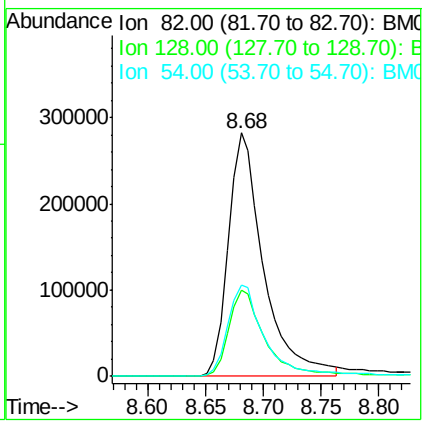


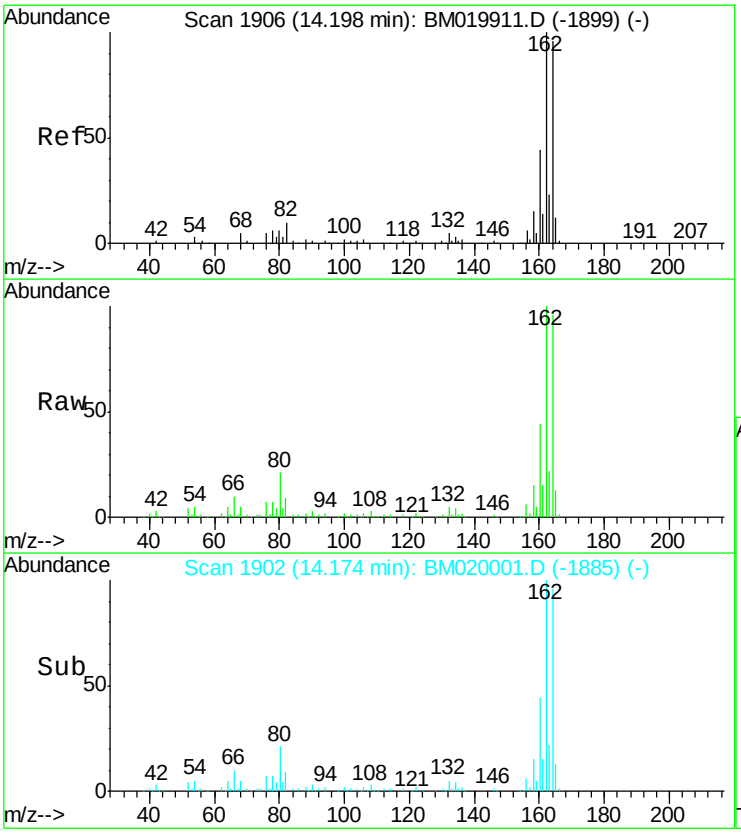
#23
Nitrobenzene-d5
Concen: 93.000 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion: 82 Resp: 596218

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.0	43.4
54	37.4	30.2	45.4

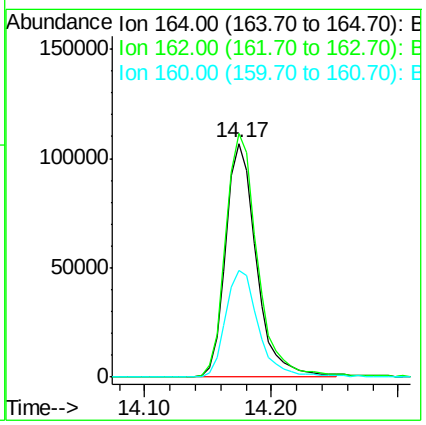


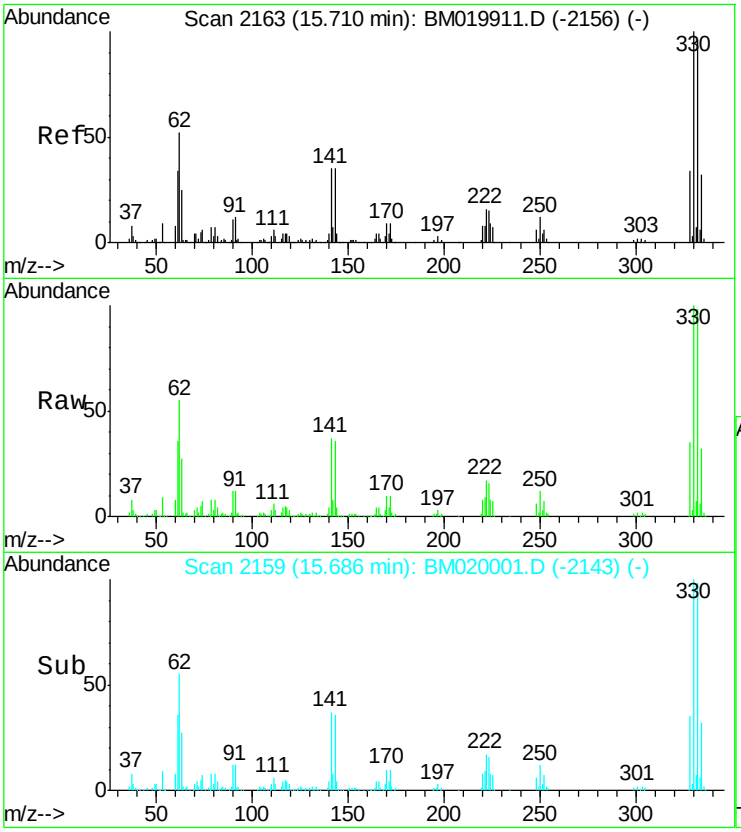


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:164 Resp: 179404

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	45.9	36.6	55.0



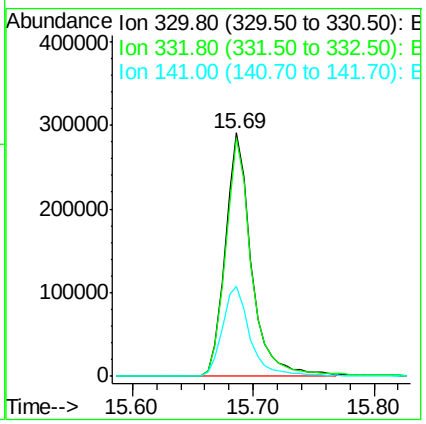


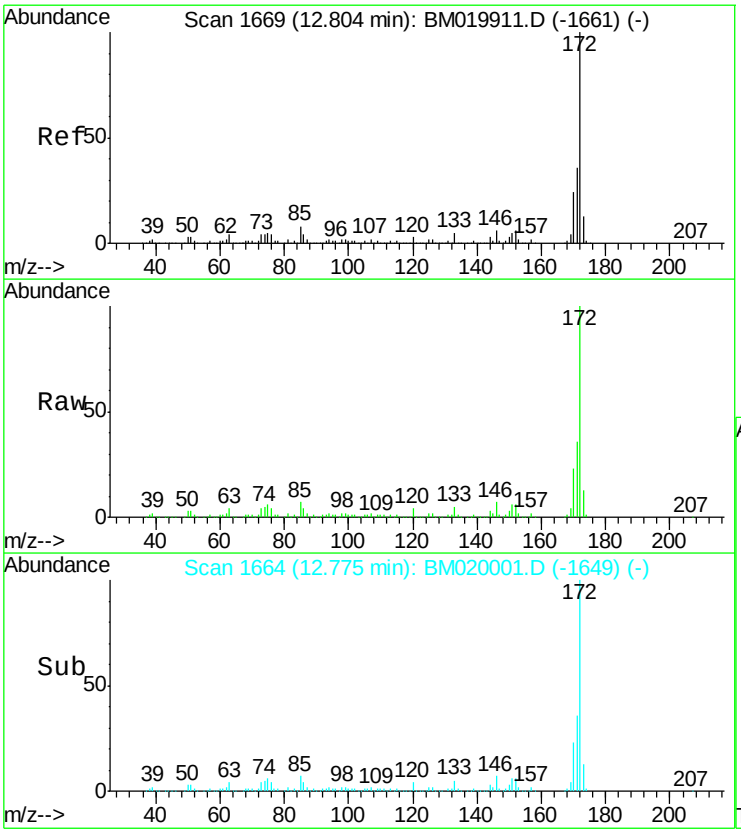
#42
2,4,6-Tribromophenol
Concen: 151.723 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion:330 Resp: 438163

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.9	29.0	43.4

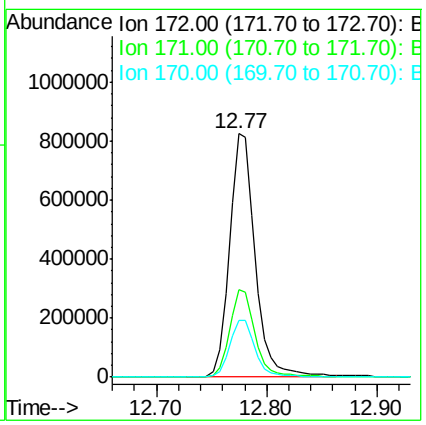


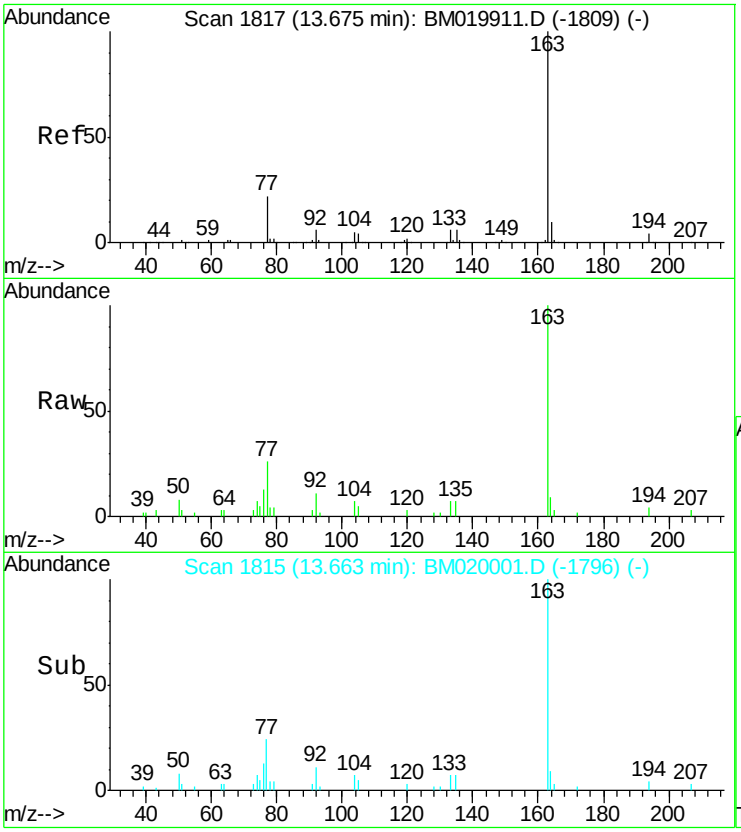


#45
2-Fluorobiphenyl
Concen: 93.618 ng
RT: 12.77 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:172 Resp: 1347698

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.4	19.0	28.4



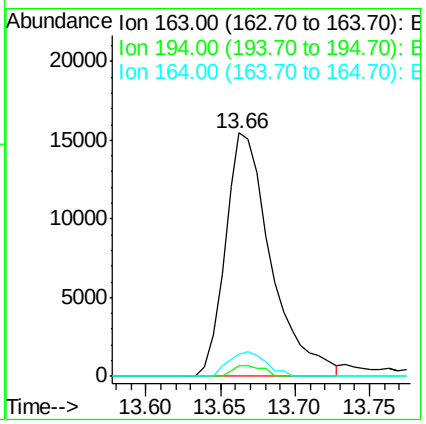


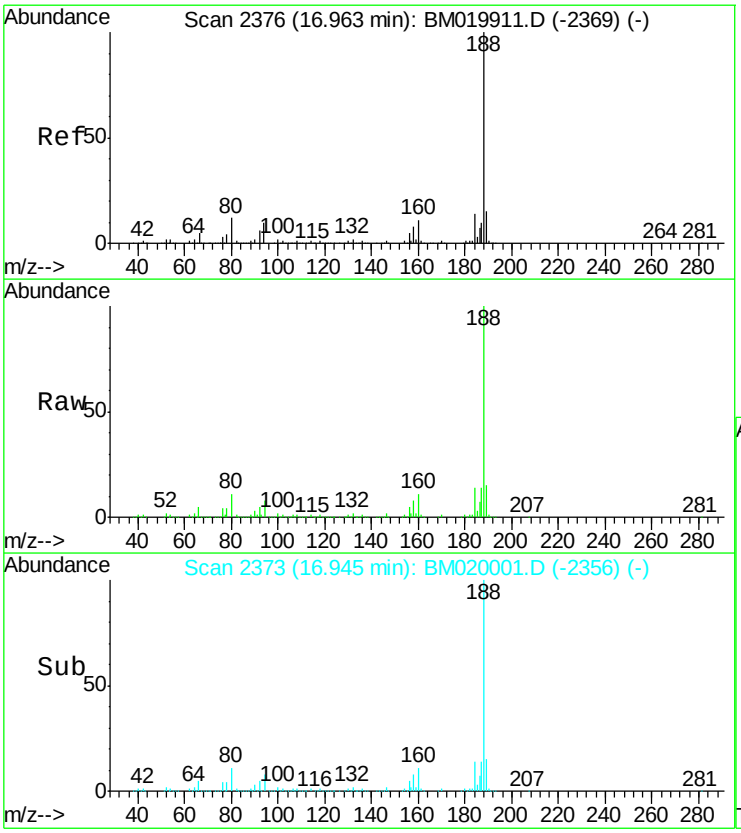
#50
Dimethylphthalate
Concen: 2.086 ng
RT: 13.66 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion:163 Resp: 33005

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.1	7.9	11.9

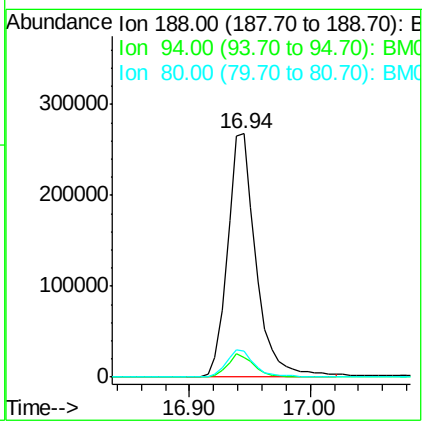


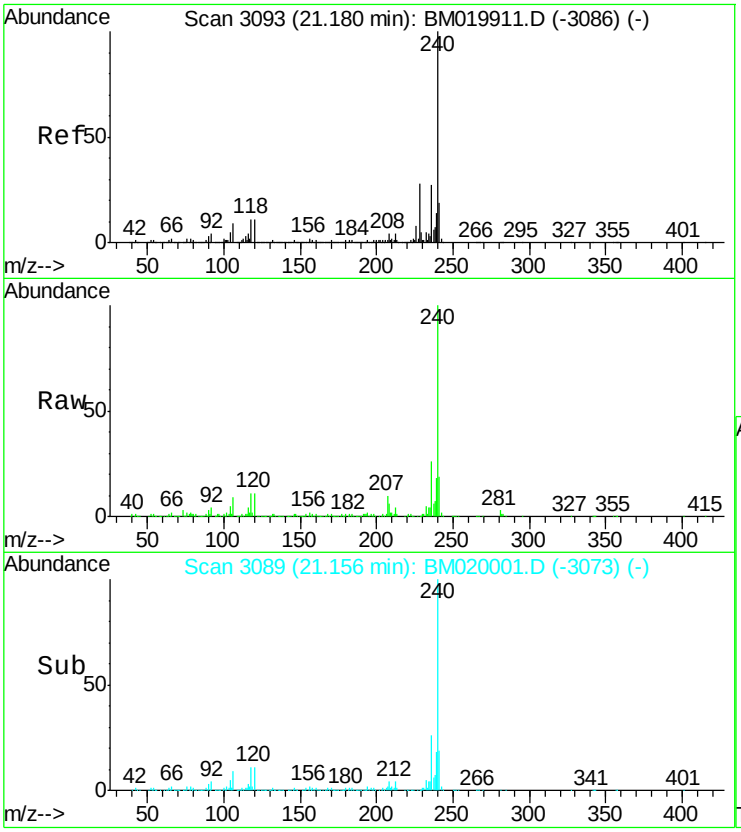


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:188 Resp: 438837

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.6	11.4
80	10.7	9.4	14.0



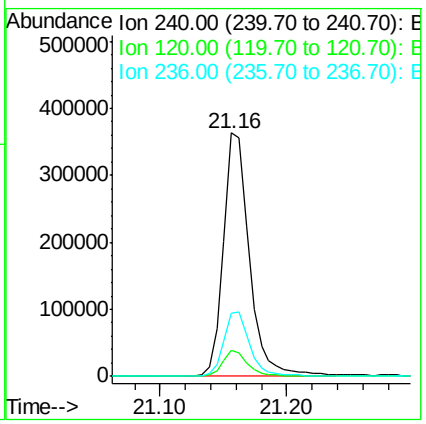


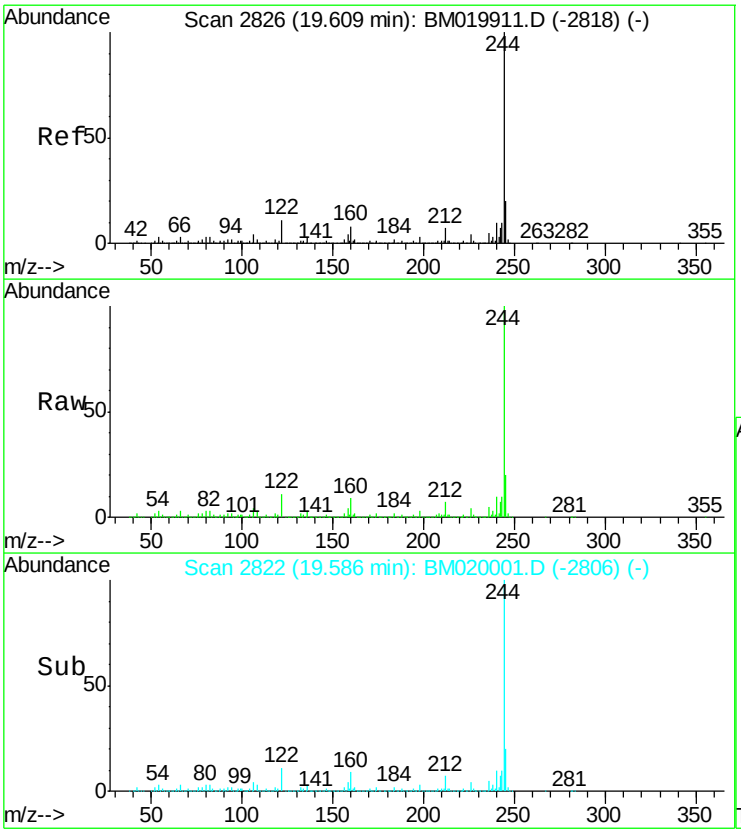
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion:240 Resp: 516805

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	26.0	21.4	32.2

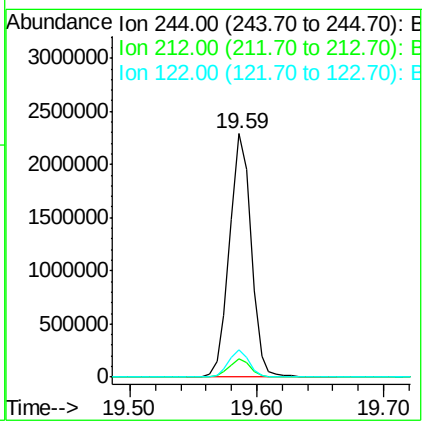


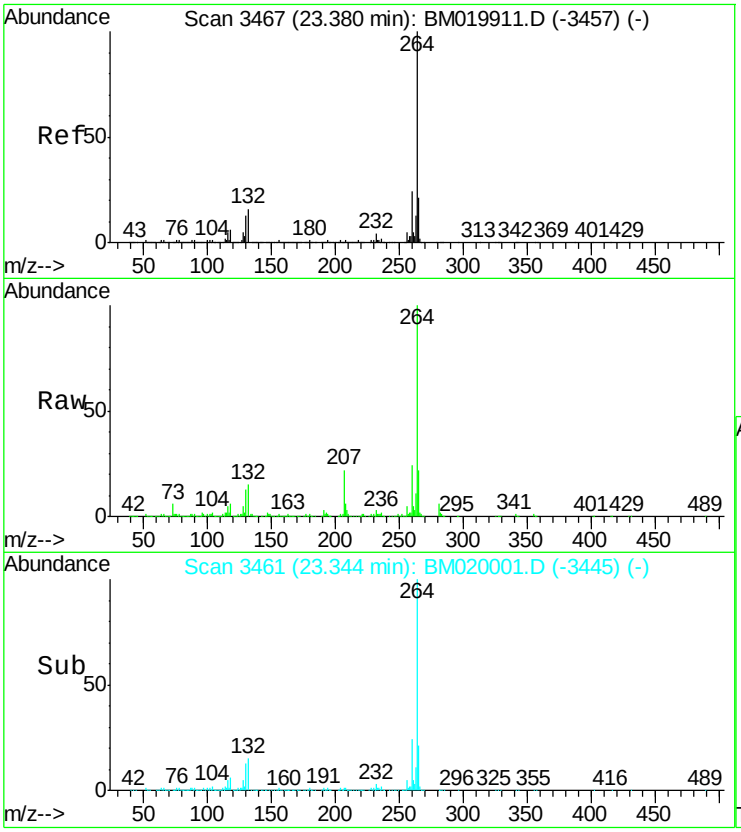


#79
Terphenyl-d14
Concen: 91.945 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM020001.D
Acq: 20 Apr 2019 10:19

Tgt Ion:244 Resp: 2694000

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.0	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: BM020001.D
Acq: 20 Apr 2019 10:19

Instrument :
BNA_M
ClientSampleId :
GMW-X

Tgt Ion:264 Resp: 681636

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.2	25.8