Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019981.D
Acq On : 19 Apr 2019 18:50
Operator : JU/SJ
Sample : K2487-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GMW-7

Quant Time: Apr 20 00:57:48 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	126438	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	503408	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	294749	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	661946	20.00	ng	0.00
76) Chrysene-d12	21.16	240	647051	20.00	ng	0.00
87) Perylene-d12	23.35	264	690052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	585077	74.99	ng	0.00
7) Phenol-d6	6.71	99	523832	44.61	ng	0.00
23) Nitrobenzene-d5	8.69	82	1053211	93.56	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	690999	145.64	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2244757	94.91	ng	0.00
79) Terphenyl-d14	19.59	244	3948993	107.65	ng	0.00
Target Compounds						Qvalue

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

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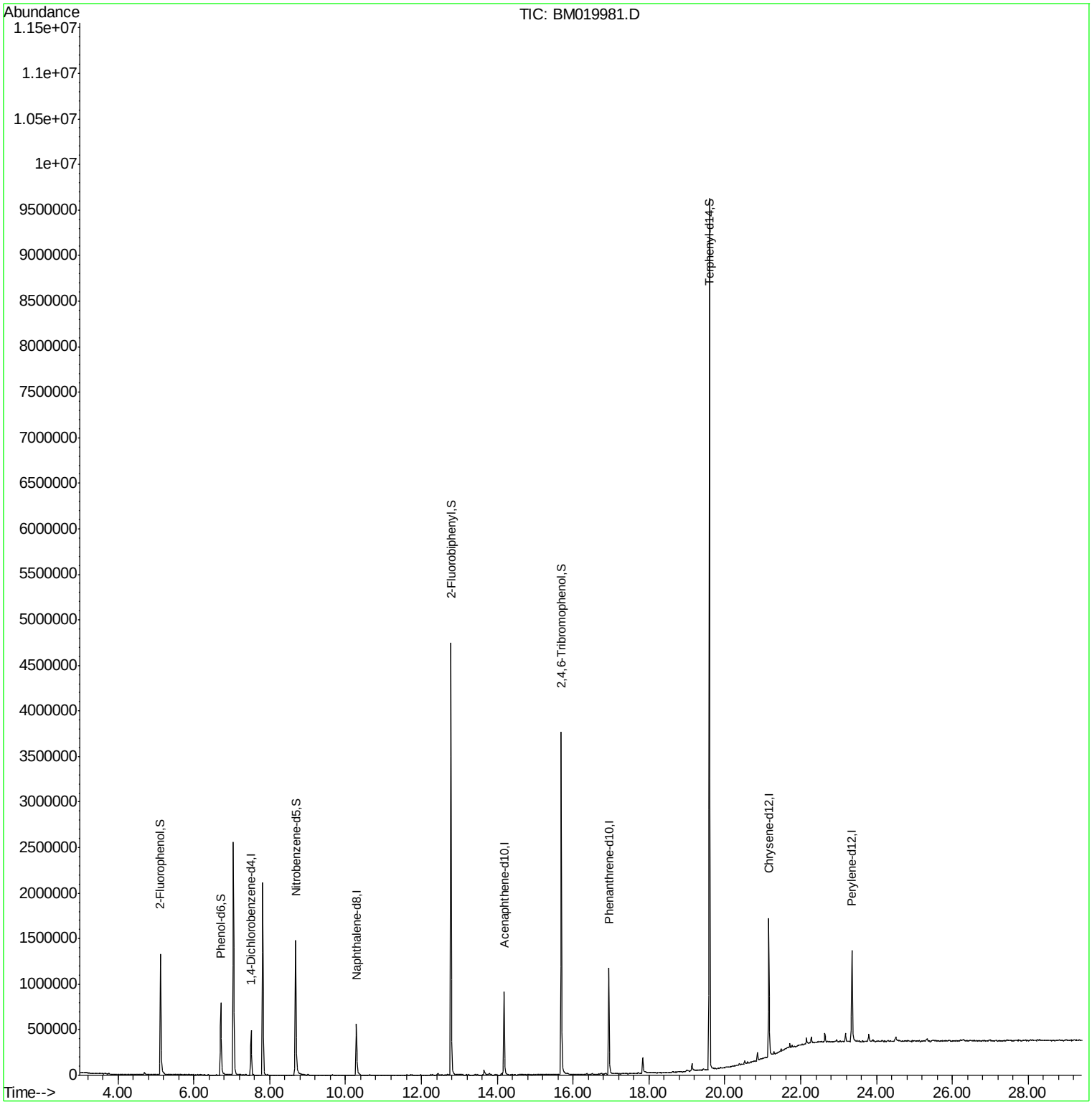
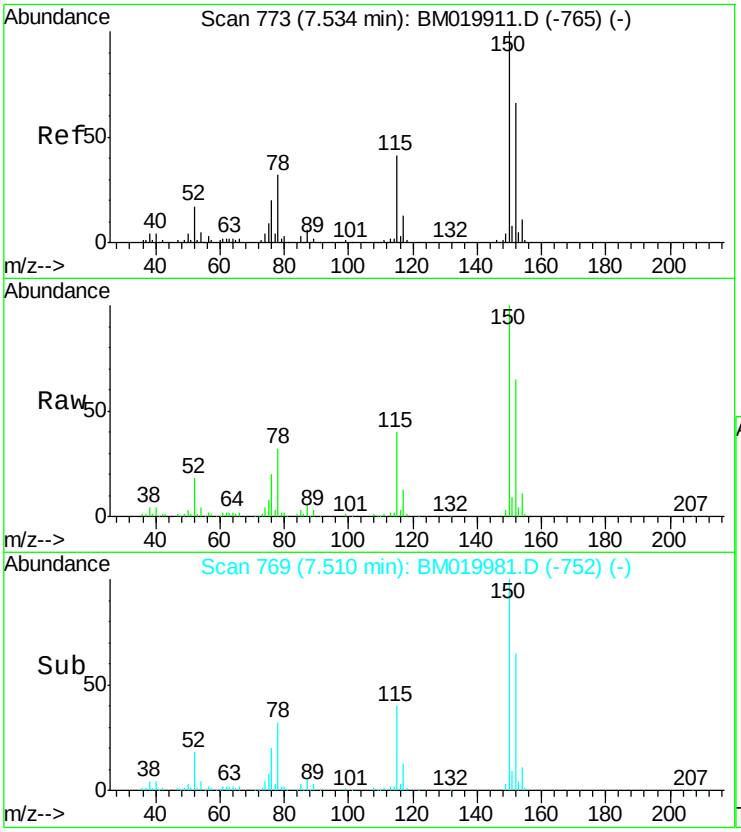


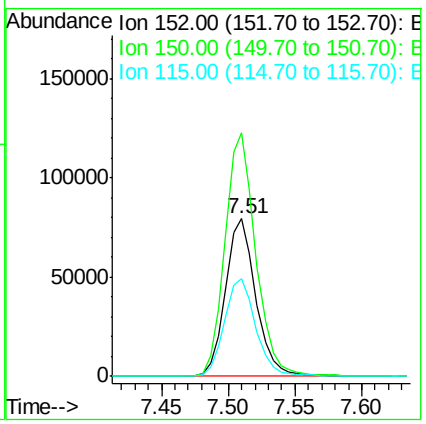


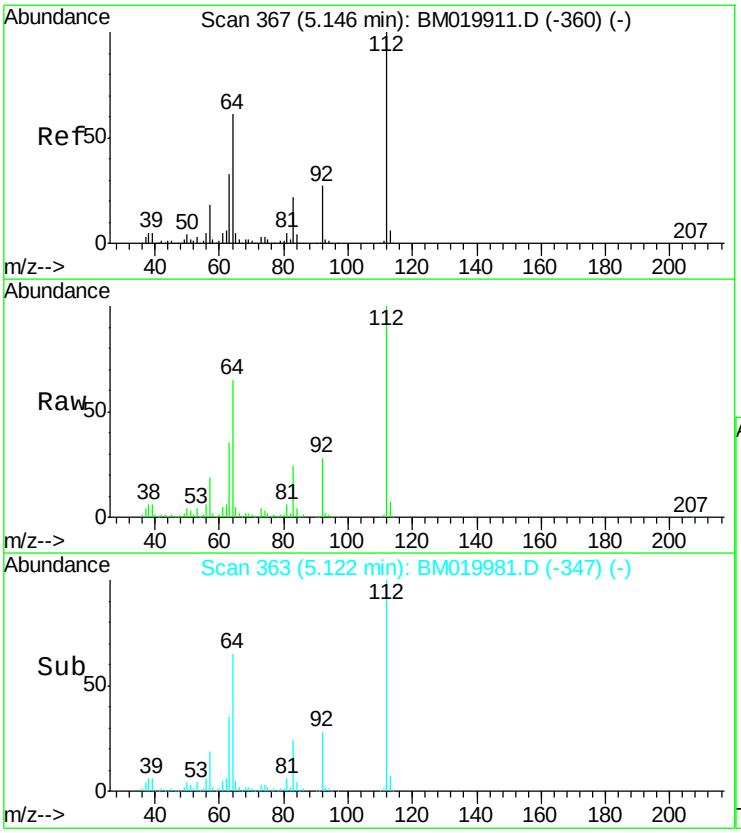
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:152 Resp: 126438

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.1	183.1
115	62.0	50.0	75.0

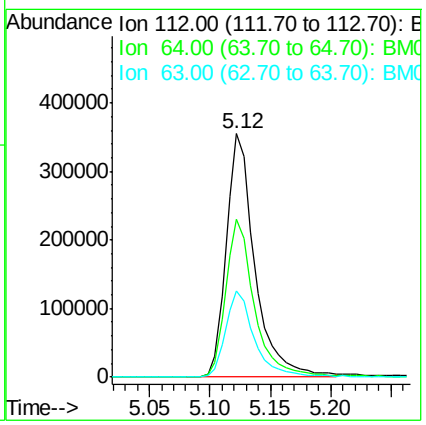


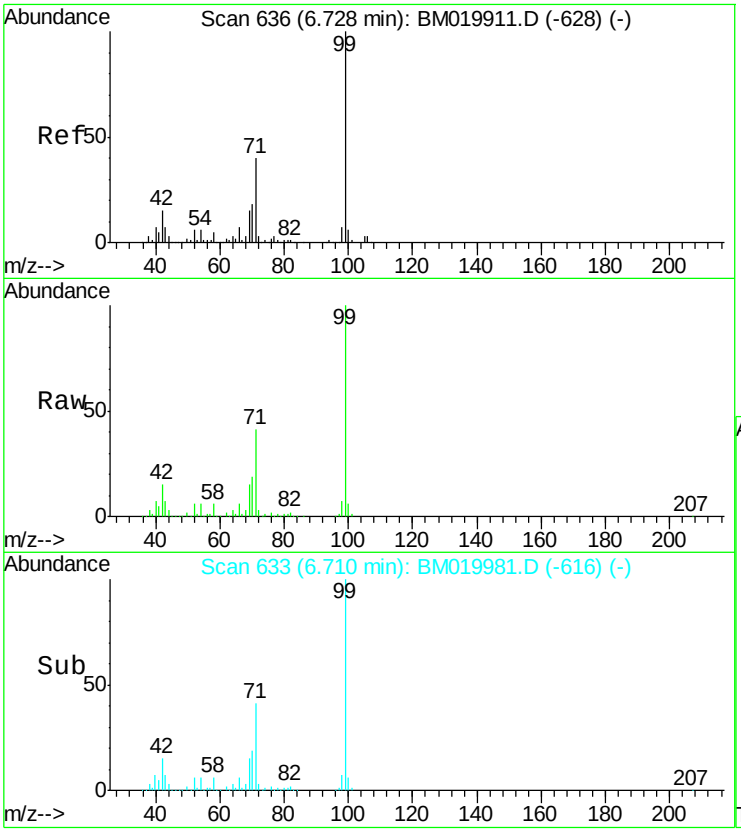


#5
2-Fluorophenol
Concen: 74.994 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:112 Resp: 585077

Ion	Ratio	Lower	Upper
112	100		
64	65.0	49.1	73.7
63	35.3	26.5	39.7



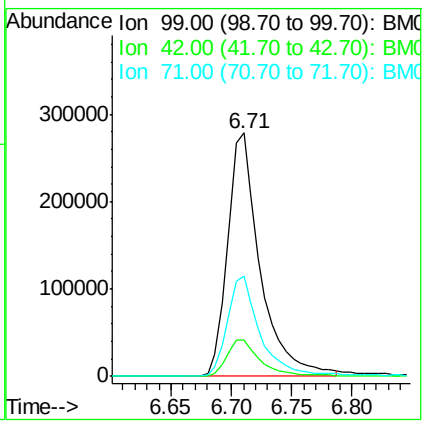


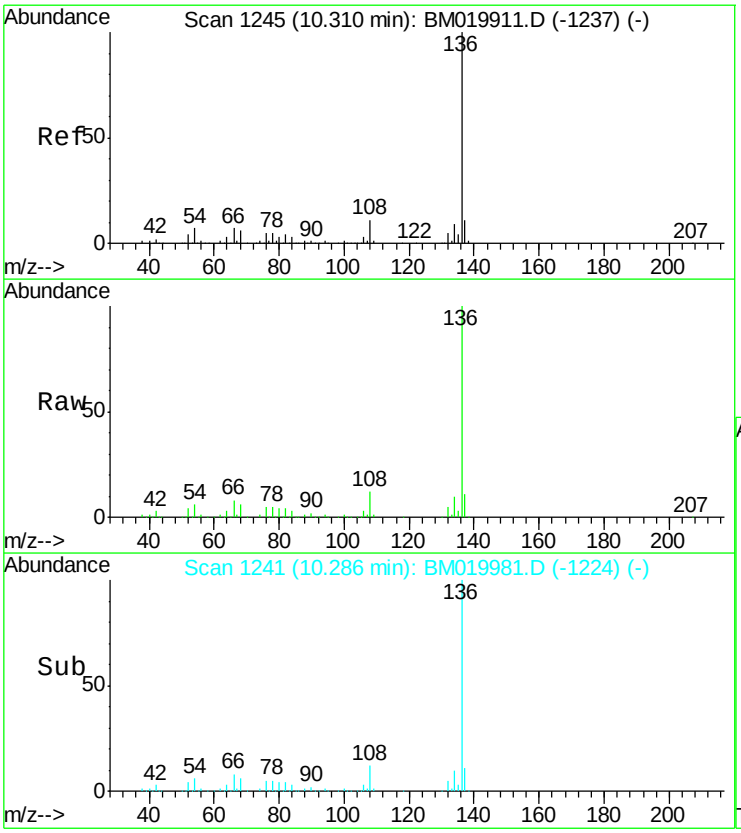
#7
Phenol-d6
Concen: 44.614 ng
RT: 6.71 min Scan# 633
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion: 99 Resp: 523832

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.8	17.8
71	41.3	32.0	48.0

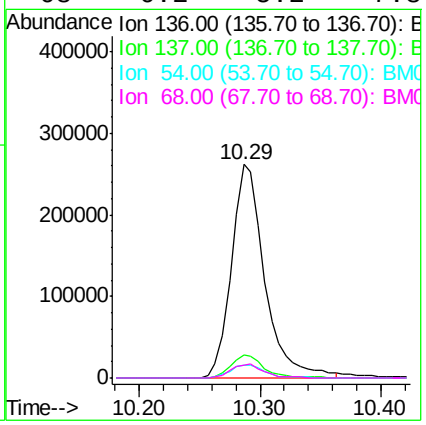


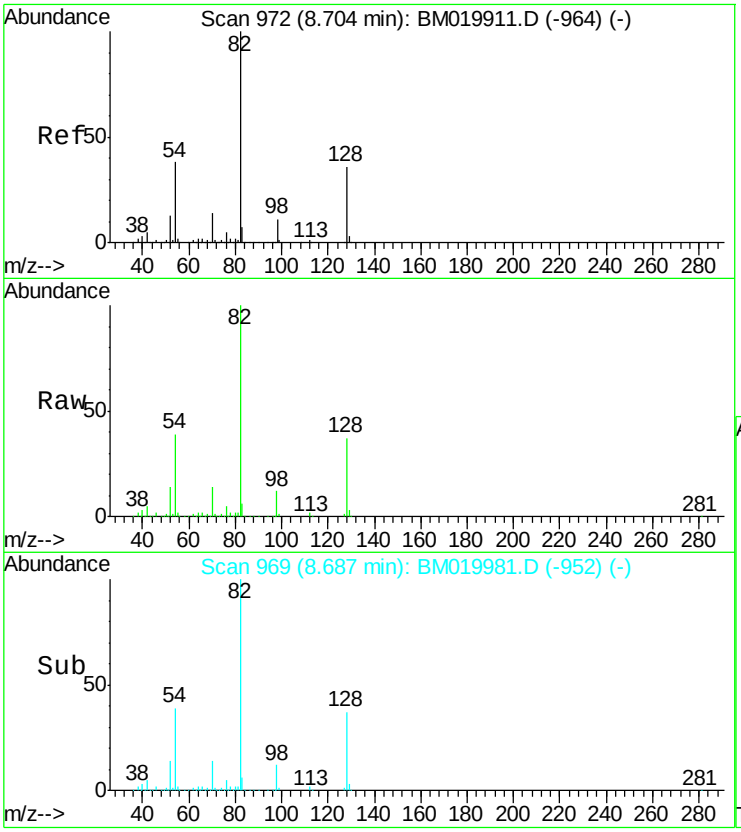


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:136 Resp: 503408

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.3	5.3	7.9
68	6.2	5.2	7.8



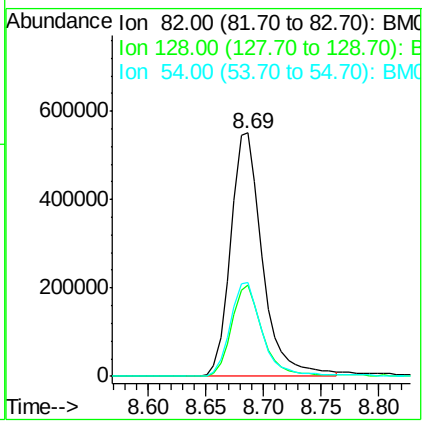


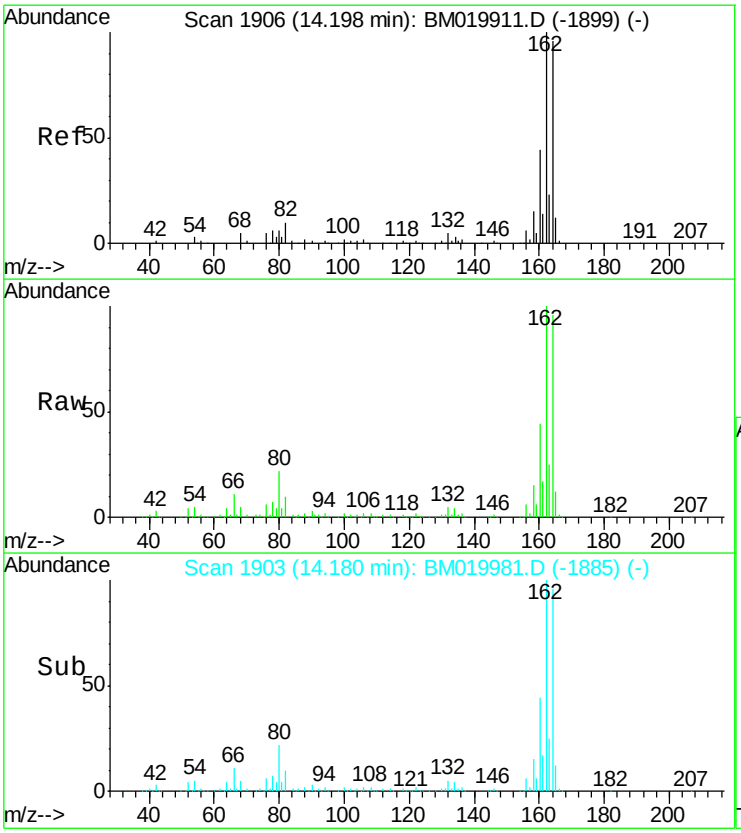
#23
Nitrobenzene-d5
Concen: 93.564 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion: 82 Resp: 1053211

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.0	43.4
54	38.6	30.2	45.4

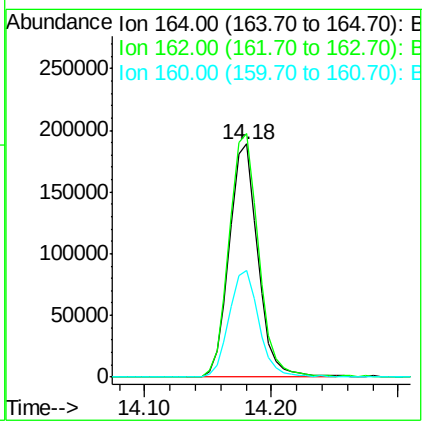


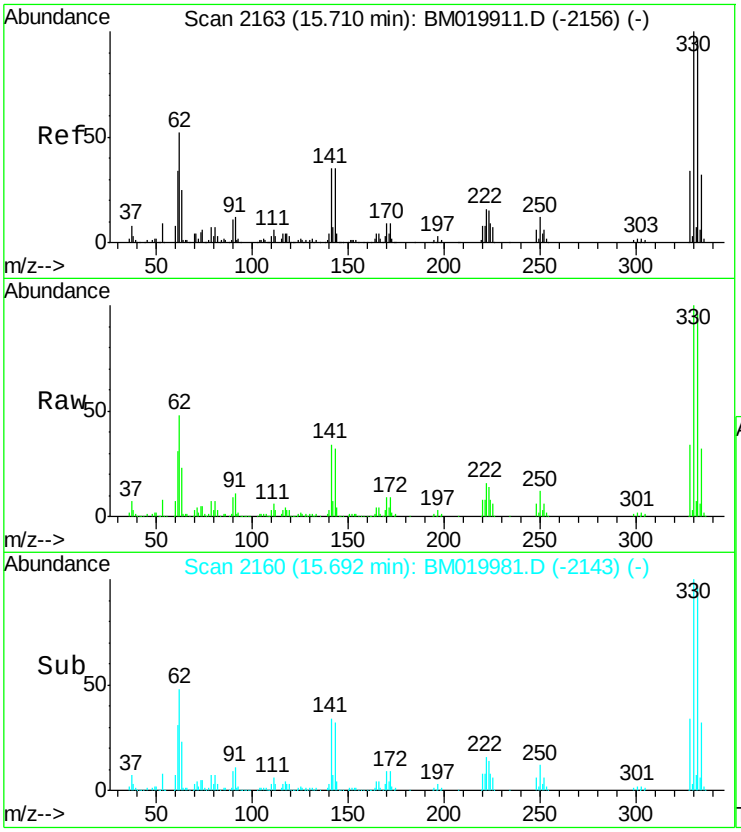


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.01 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:164 Resp: 294749

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.4
160	45.8	36.6	55.0



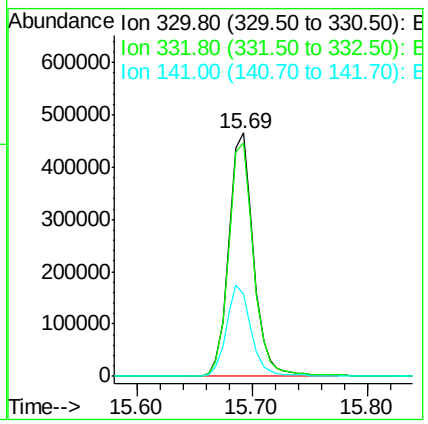


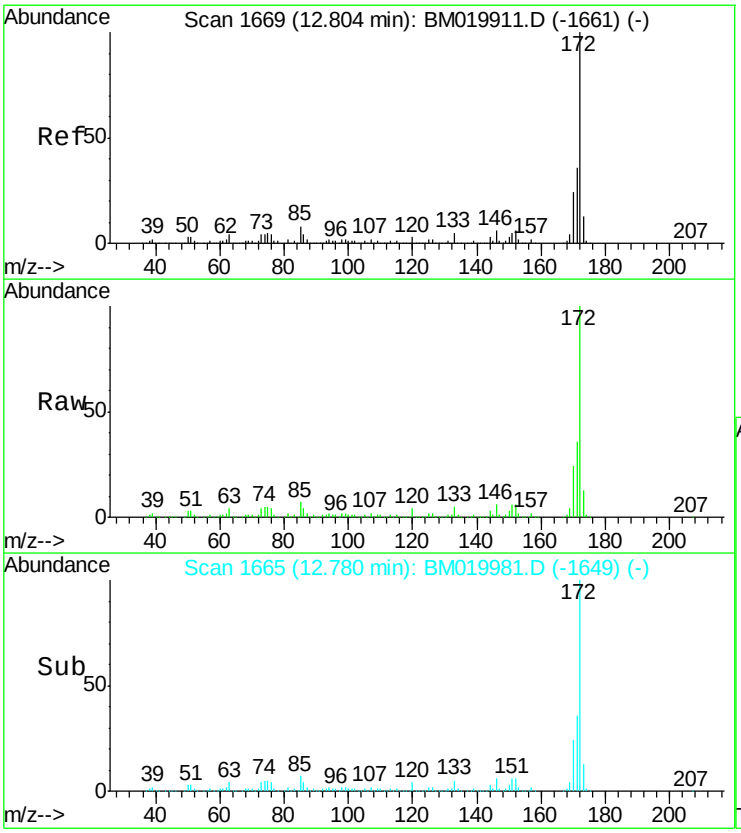
#42
2,4,6-Tribromophenol
Concen: 145.638 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:330 Resp: 690999

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	37.7	29.0	43.4

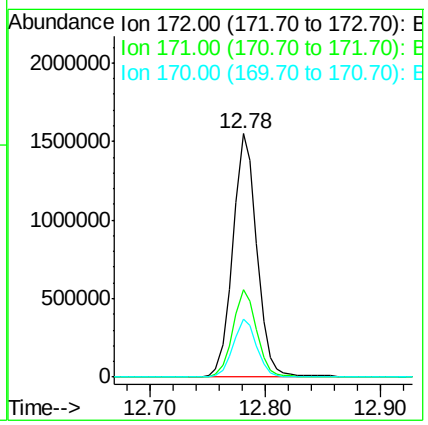


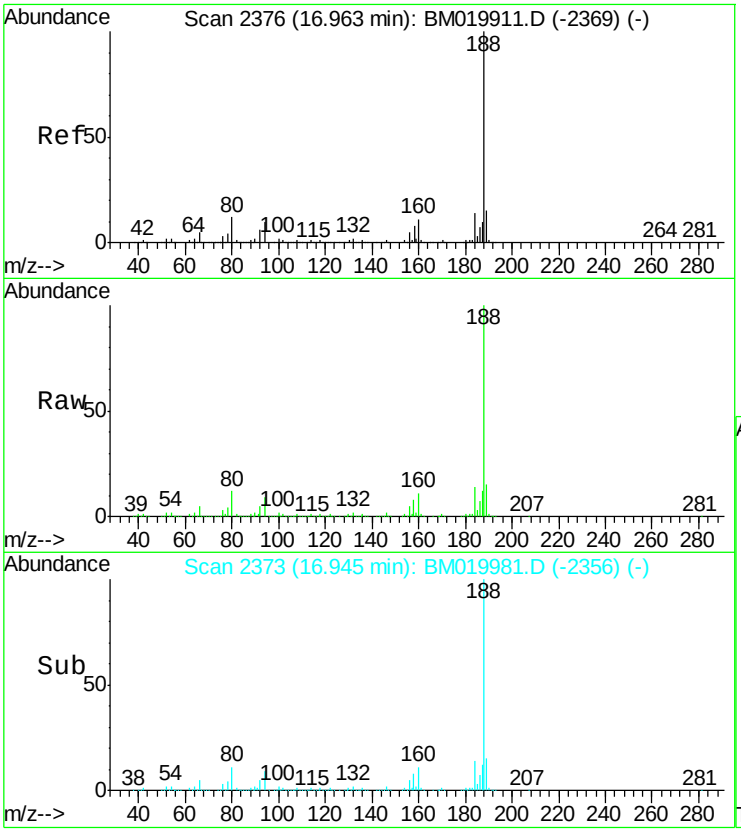


#45
2-Fluorobiphenyl
Concen: 94.911 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:172 Resp: 2244757

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.6	19.0	28.4



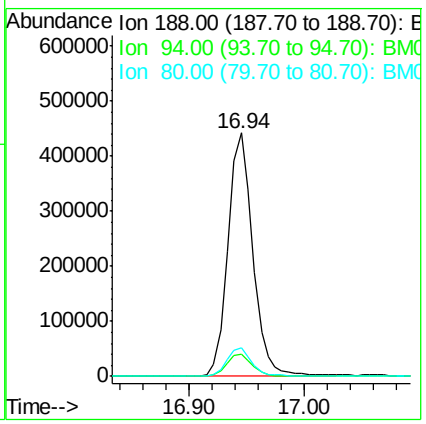


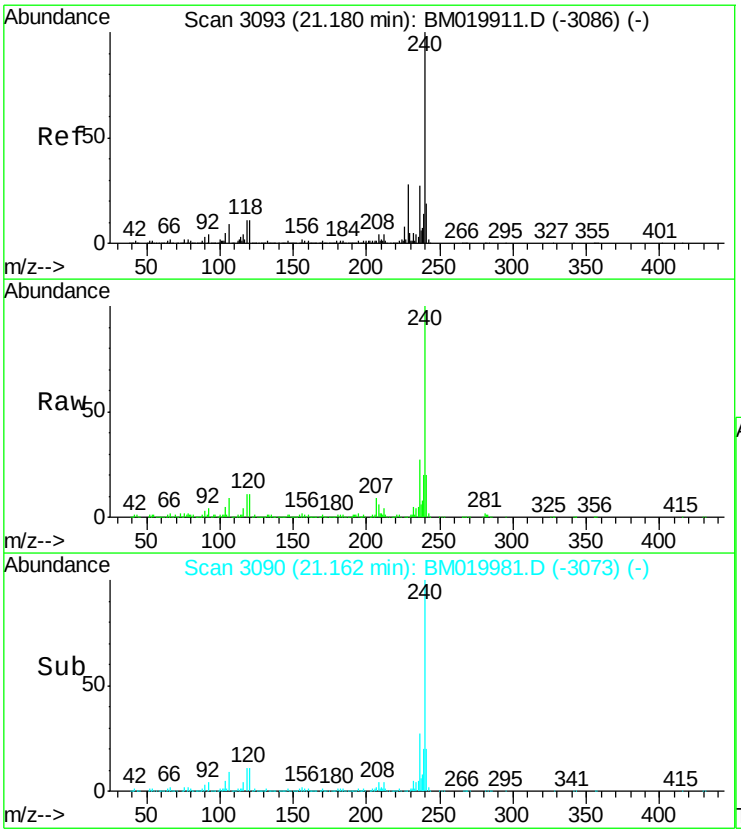
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:188 Resp: 661946

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.5	9.4	14.0

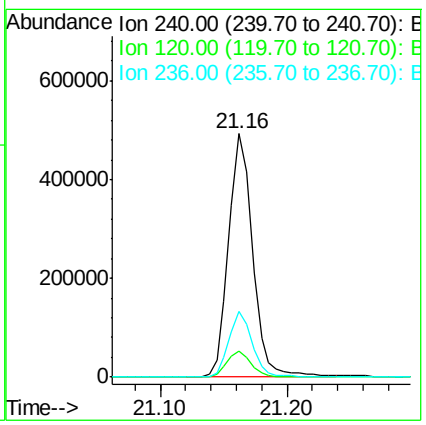


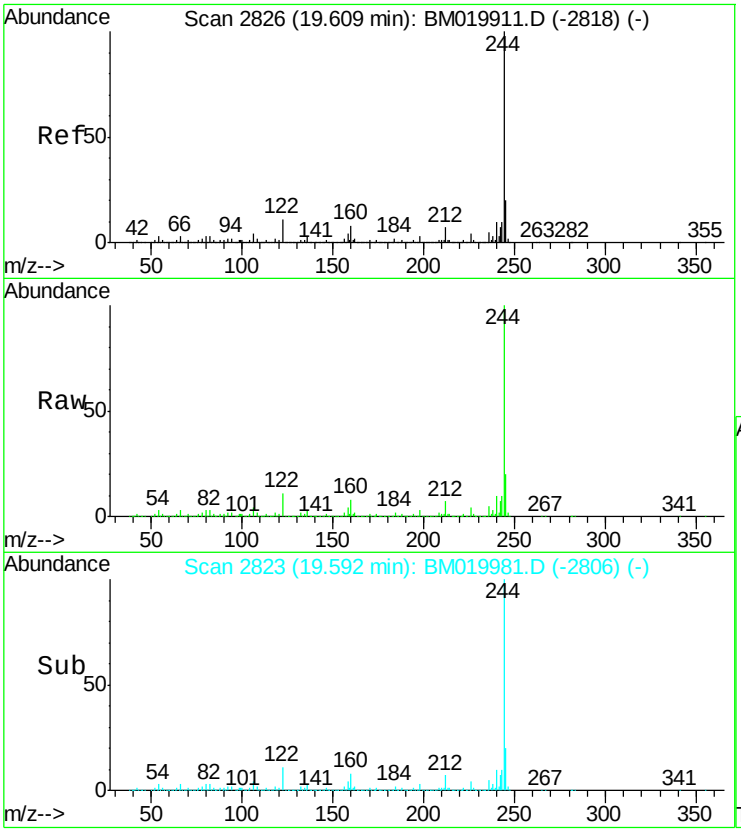


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:240 Resp: 647051

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	27.1	21.4	32.2



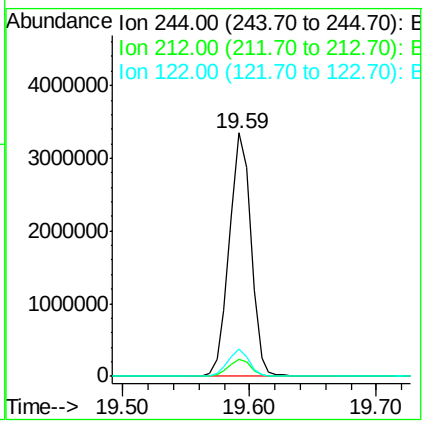


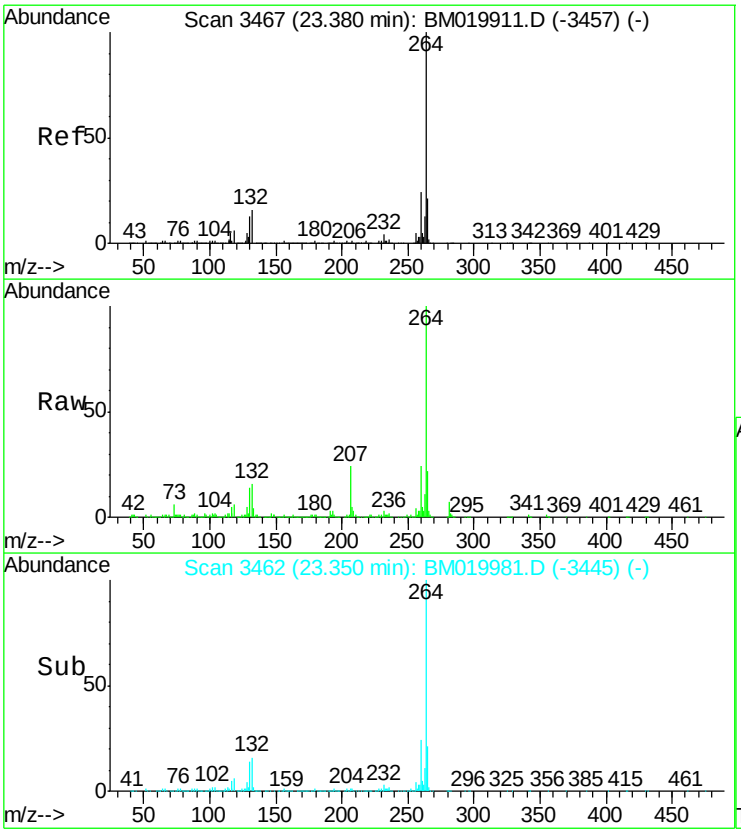
#79
Terphenyl-d14
Concen: 107.647 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Instrument :
BNA_M
ClientSampleId :
GMW-7

Tgt Ion:244 Resp: 3948993

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.3	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM019981.D
Acq: 19 Apr 2019 18:50

Tgt Ion:264 Resp: 690052

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.2	25.8