Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019965.D
Acq On : 18 Apr 2019 22:09
Operator : JU/SJ
Sample : K2461-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 19 00:43:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	94837	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	350806	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	198835	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	434320	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	413609	20.00	ng	-0.02
87) Perylene-d12	23.34	264	509793	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	365995	62.54	ng	-0.02
7) Phenol-d6	6.71	99	292574	33.22	ng	-0.02
23) Nitrobenzene-d5	8.69	82	681100	86.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	408927	127.76	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1384129	86.75	ng	-0.02
79) Terphenyl-d14	19.59	244	2037236	86.88	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	1641	Below Cal		# 7

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

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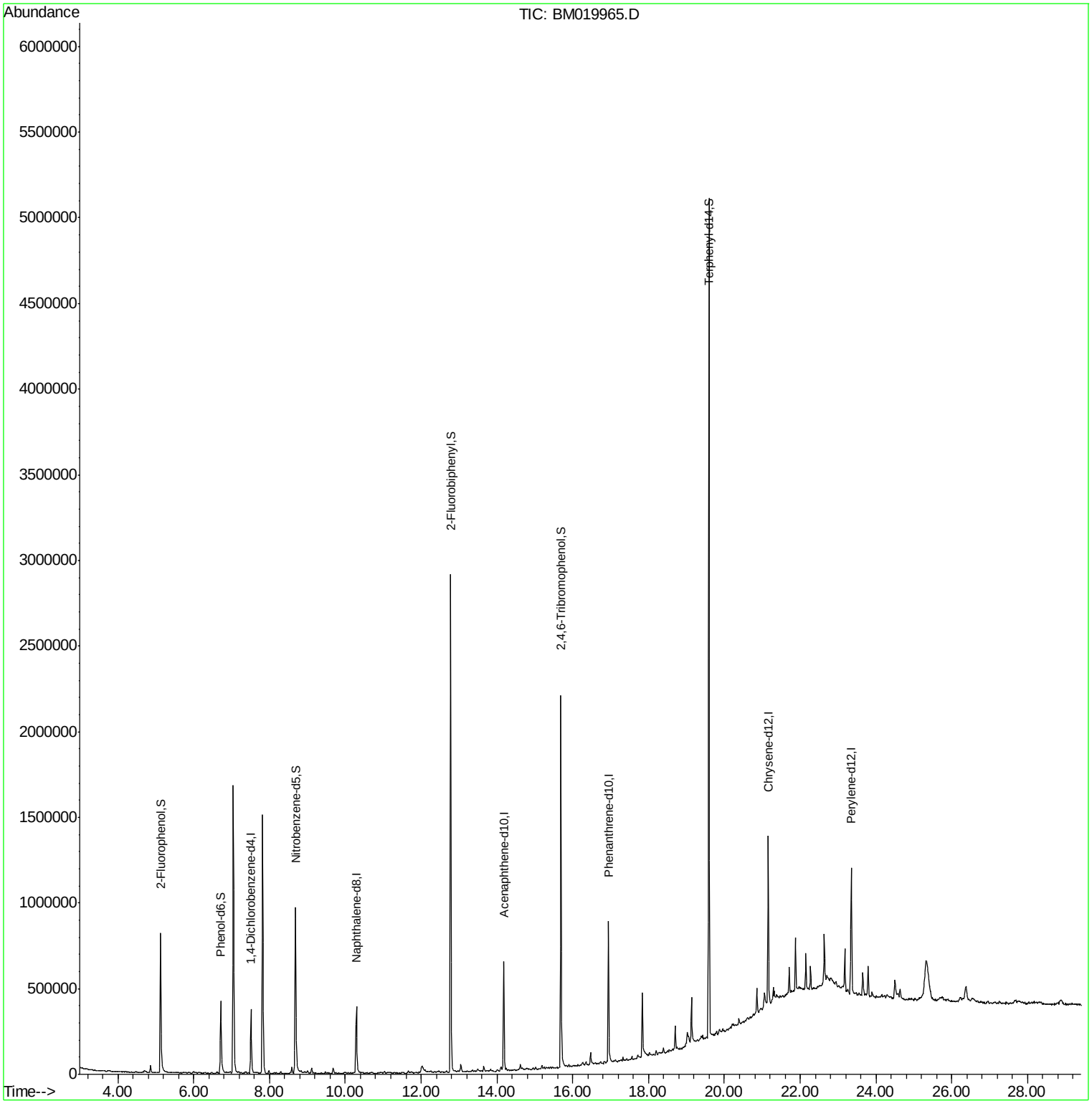
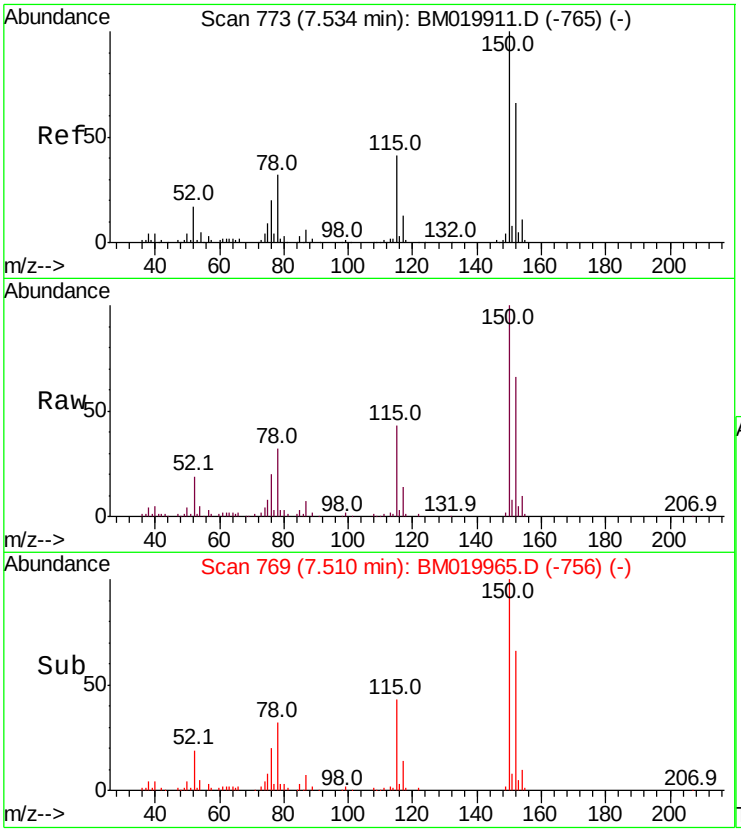


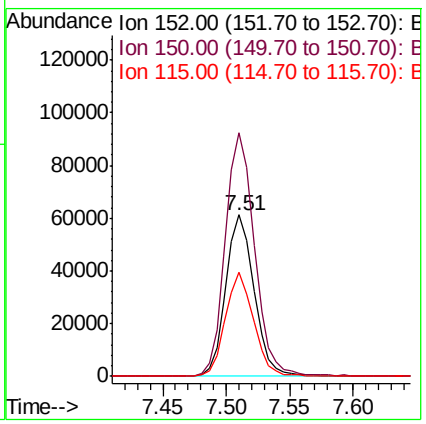


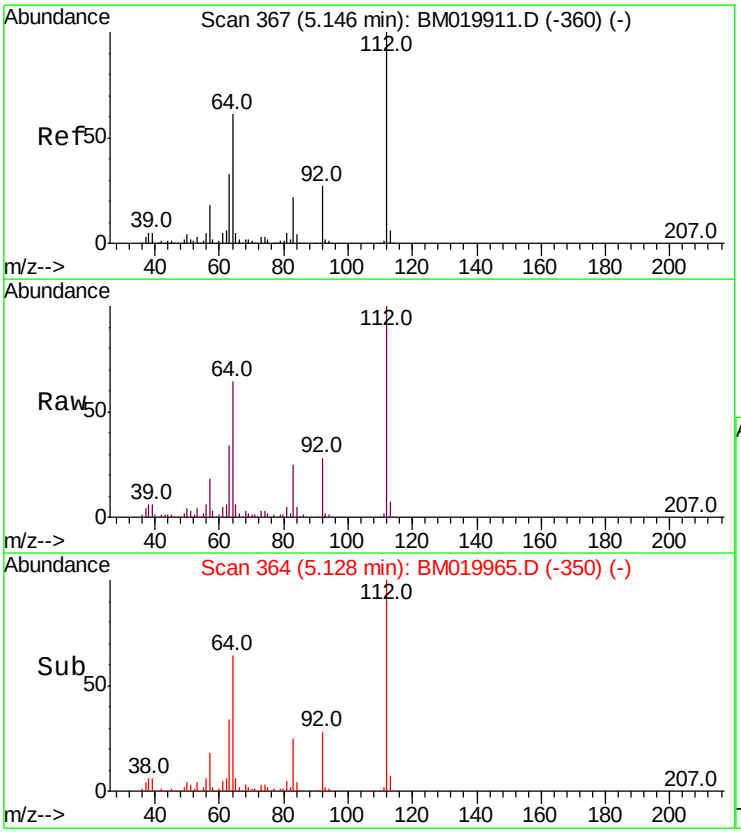
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 94837

Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.1	183.1
115	64.6	50.0	75.0

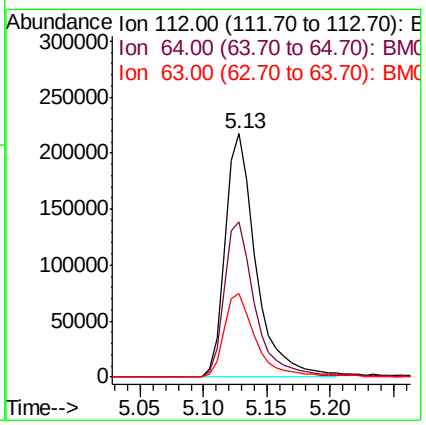


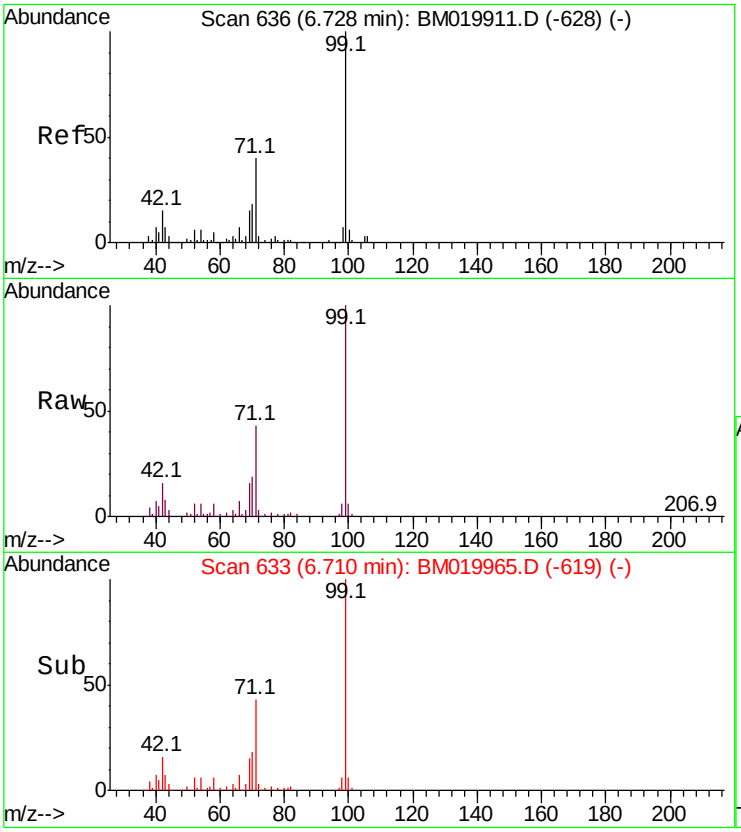


#5
2-Fluorophenol
Concen: 62.544 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:112 Resp: 365995

Ion	Ratio	Lower	Upper
112	100		
64	63.8	49.1	73.7
63	34.4	26.5	39.7



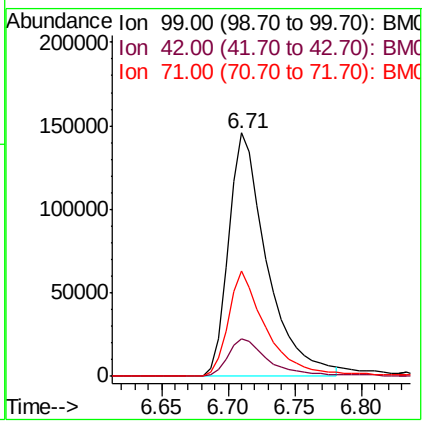


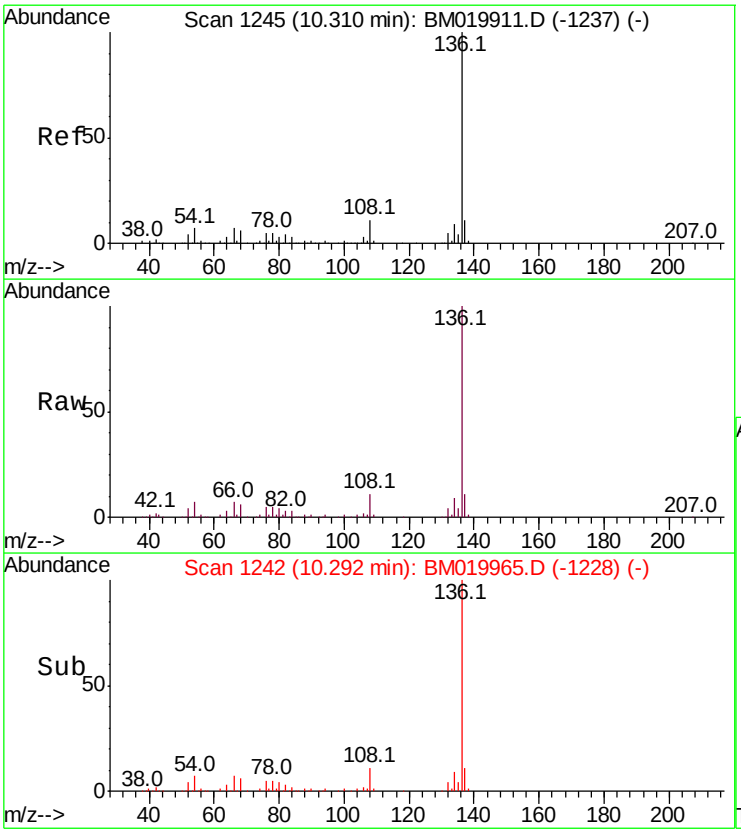
#7
Phenol-d6
Concen: 33.221 ng
RT: 6.71 min Scan# 633
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 292574

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.8
71	43.2	32.0	48.0

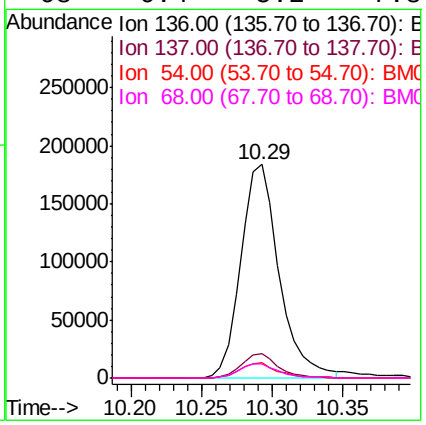


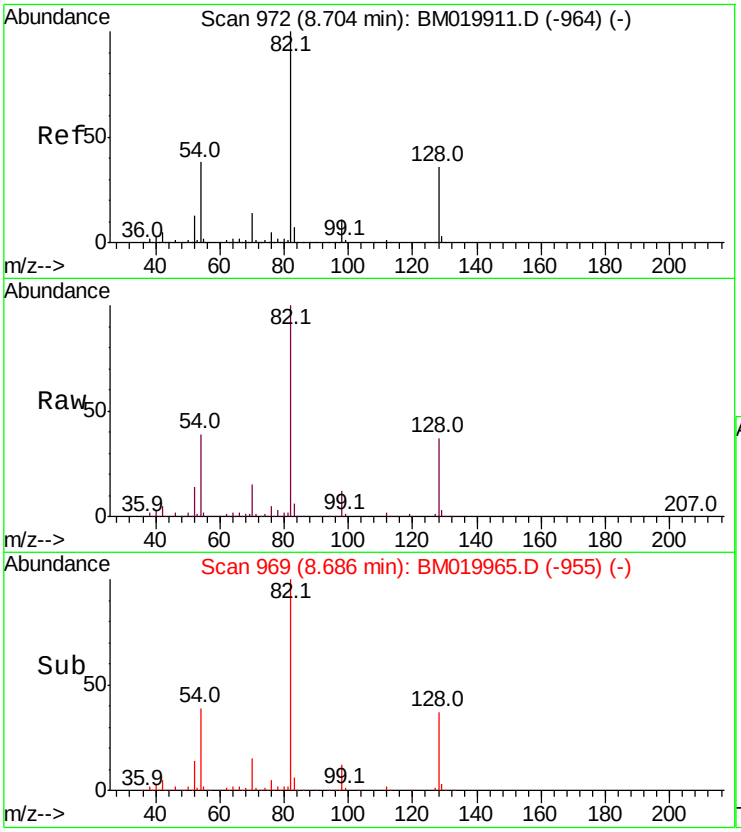


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:136 Resp: 350806

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.4	5.3	7.9
68	6.4	5.2	7.8



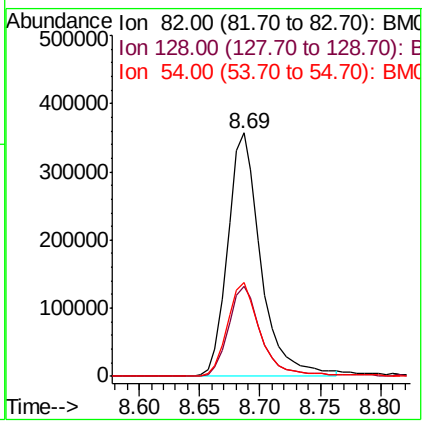


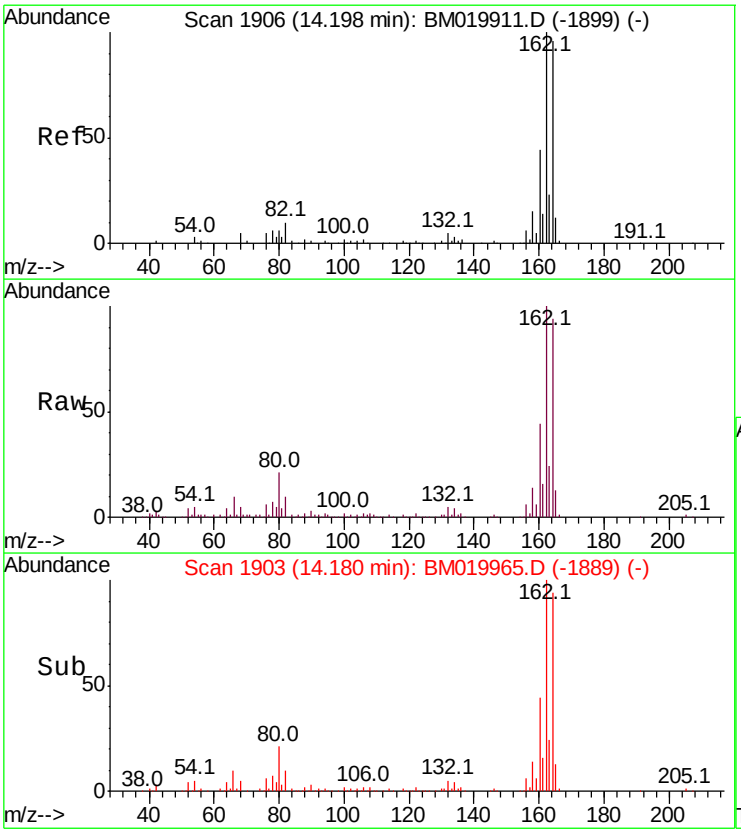
#23
Nitrobenzene-d5
Concen: 86.827 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 681100

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	38.6	30.2	45.4

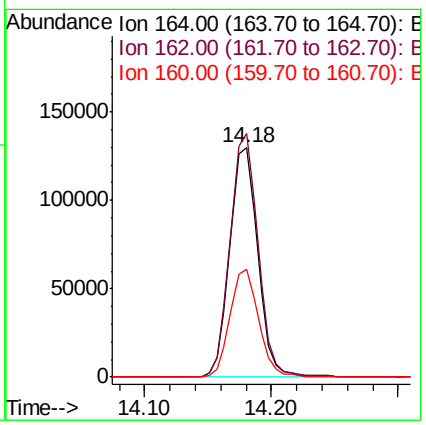


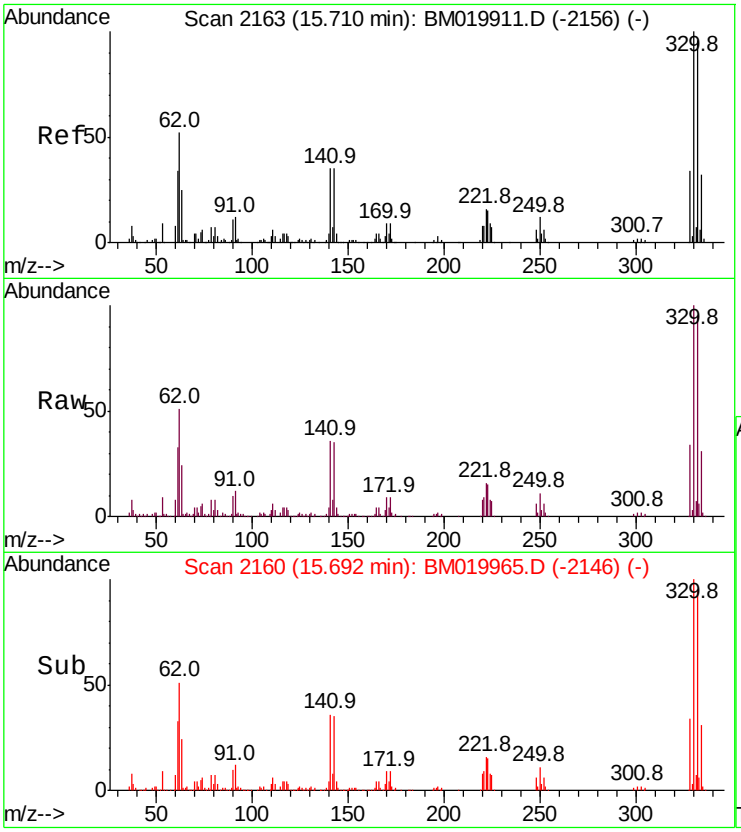


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:164 Resp: 198835

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.4
160	47.1	36.6	55.0



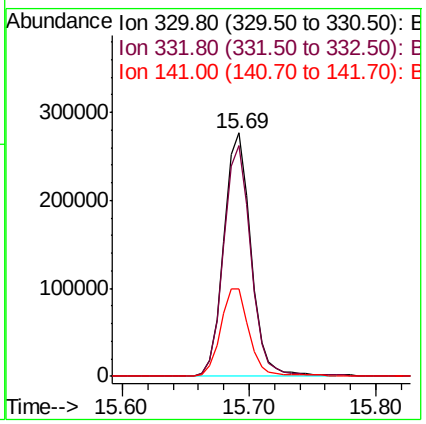


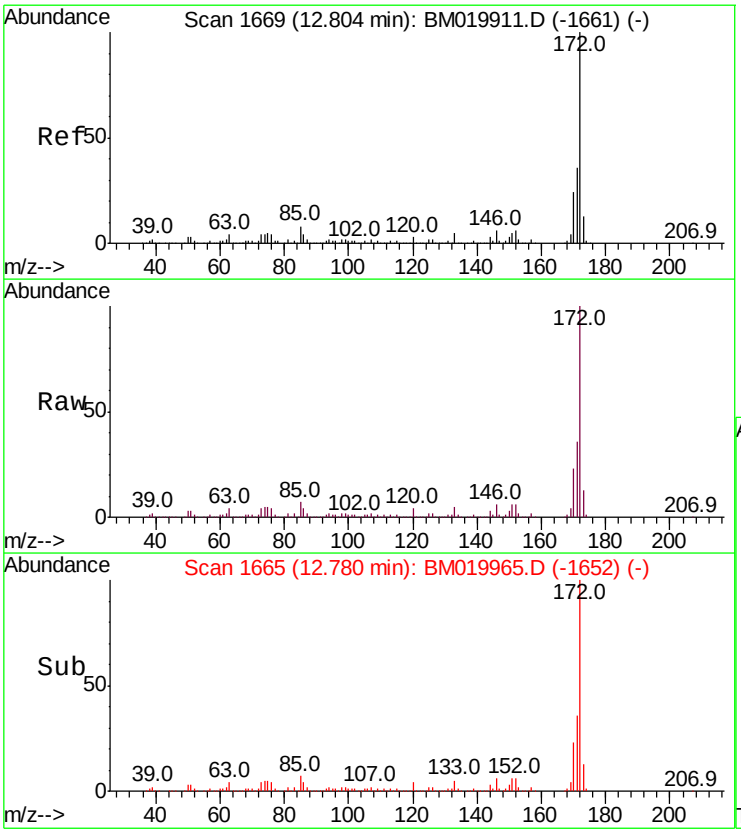
#42
2,4,6-Tribromophenol
Concen: 127.762 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 408927

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	37.9	29.0	43.4

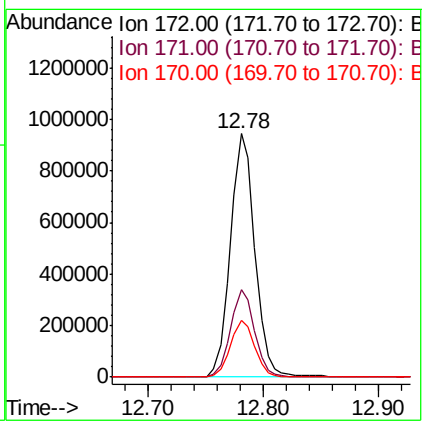


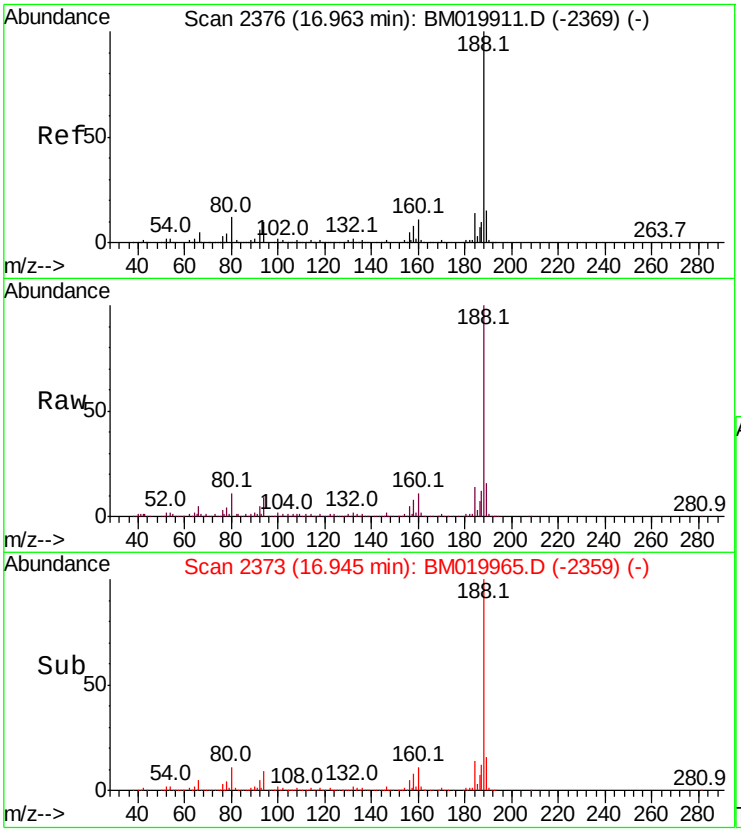


#45
2-Fluorobiphenyl
Concen: 86.753 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:172 Resp: 1384129

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



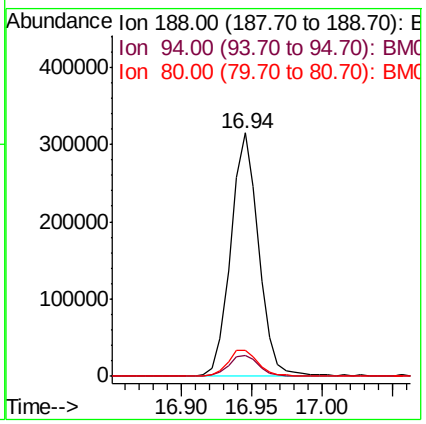


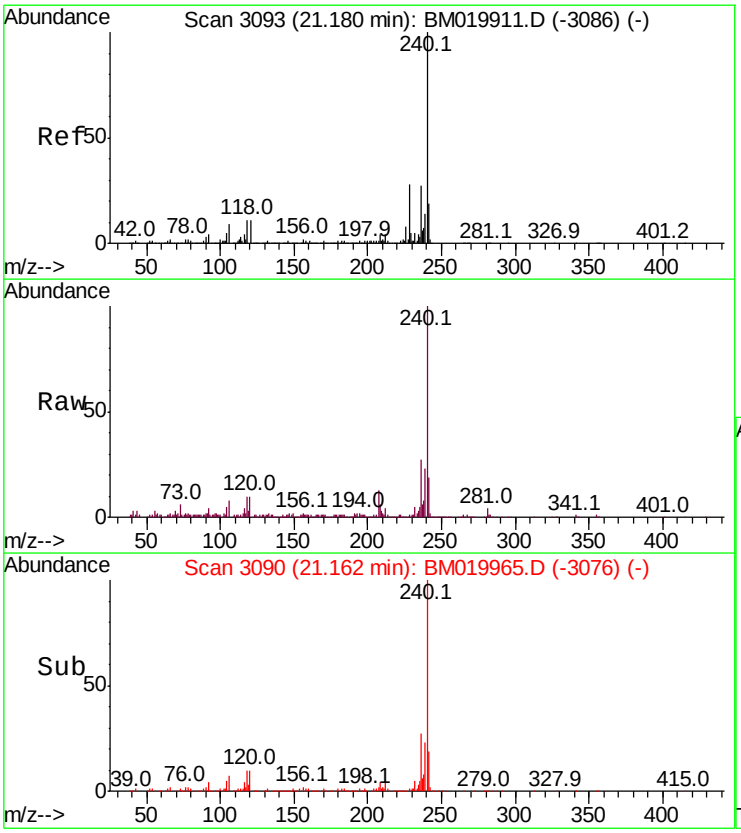
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 434320

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.6	11.4
80	10.8	9.4	14.0

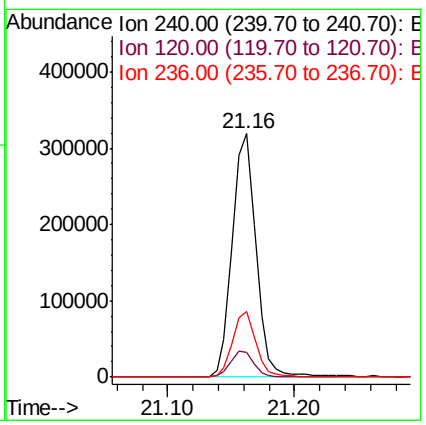


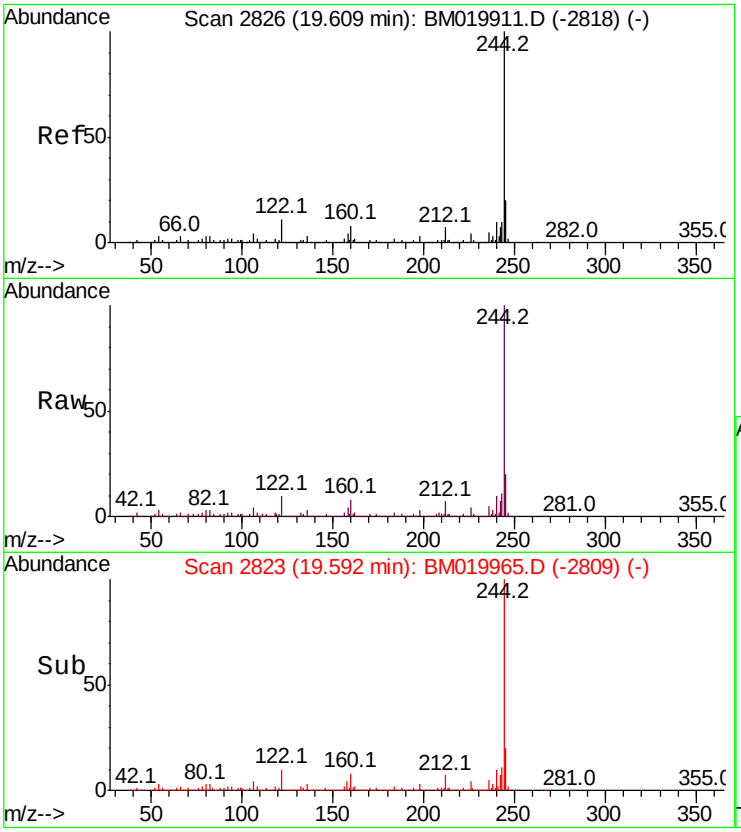


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:240 Resp: 413609

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	26.9	21.4	32.2



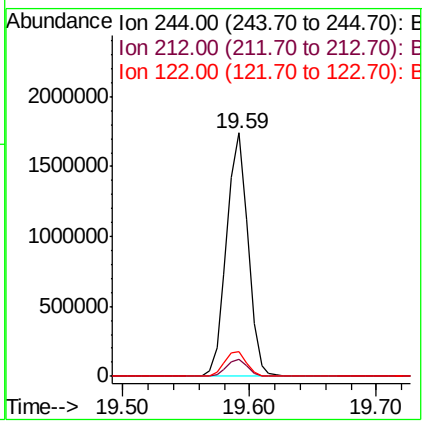


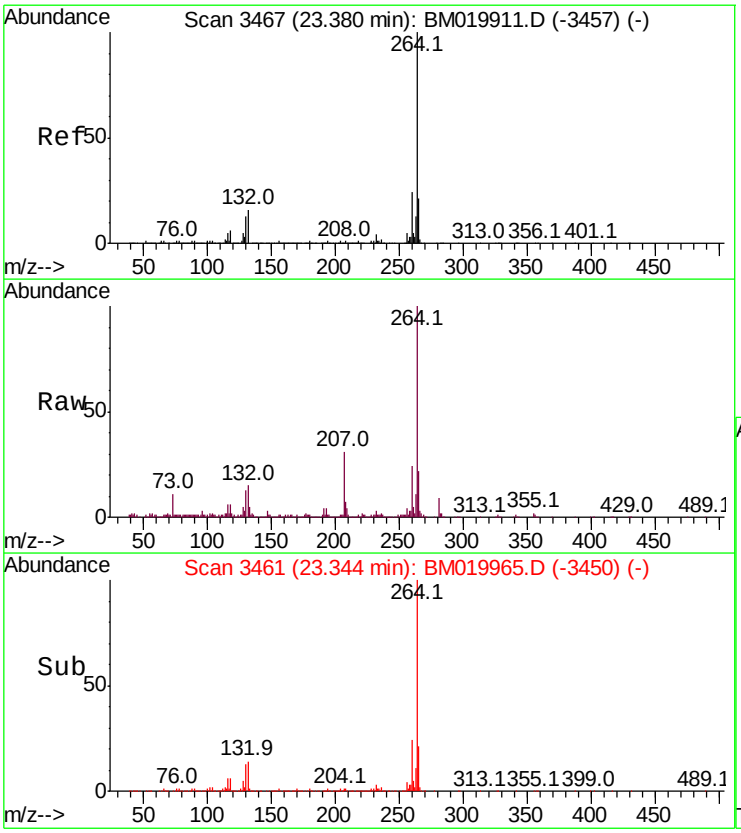
#79
Terphenyl-d14
Concen: 86.877 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 2037236

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.9	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.04 min
Lab File: BM019965.D
Acq: 18 Apr 2019 22:09

Tgt Ion:264 Resp: 509793

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.2	25.8