Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
Data File : BM011418.D
Acq On : 02 Sep 2017 16:42
Operator : SJ/JU
Sample : I5074-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9-10-COMP

Quant Time: Sep 04 03:01:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	437826	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1875465	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1036827	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2351958	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2849502	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2770416	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3108952	119.53	ng	0.00
7) Phenol-d6	7.13	99	3747453	103.90	ng	0.00
23) Nitrobenzene-d5	9.15	82	2360538	82.94	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1339050	111.63	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5593975	77.77	ng	-0.01
78) Terphenyl-d14	19.96	244	8383864	73.00	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.00	122	1141	6.589	ng	93

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

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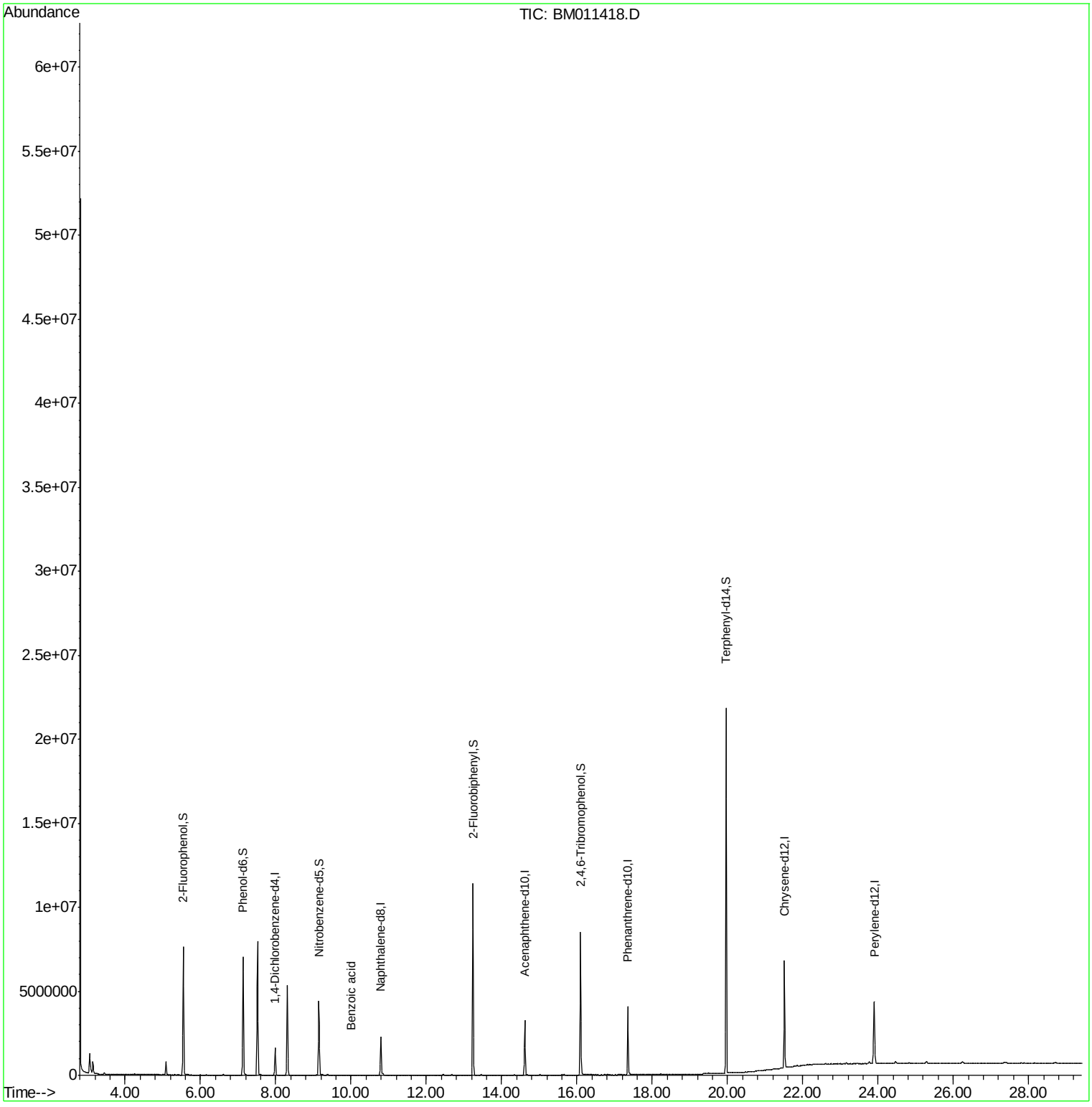
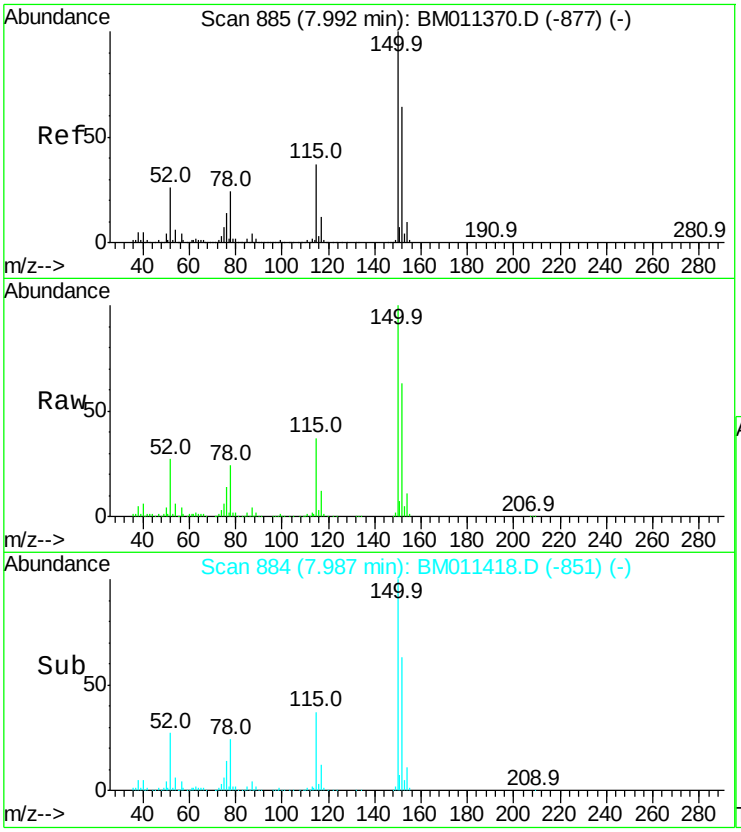


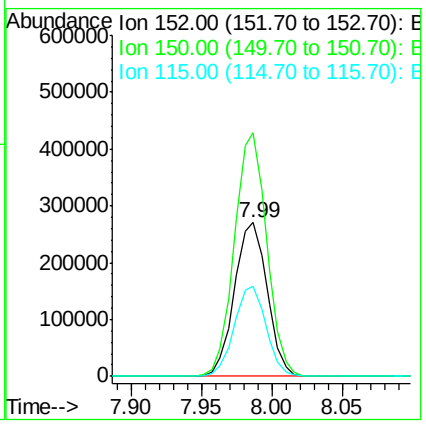


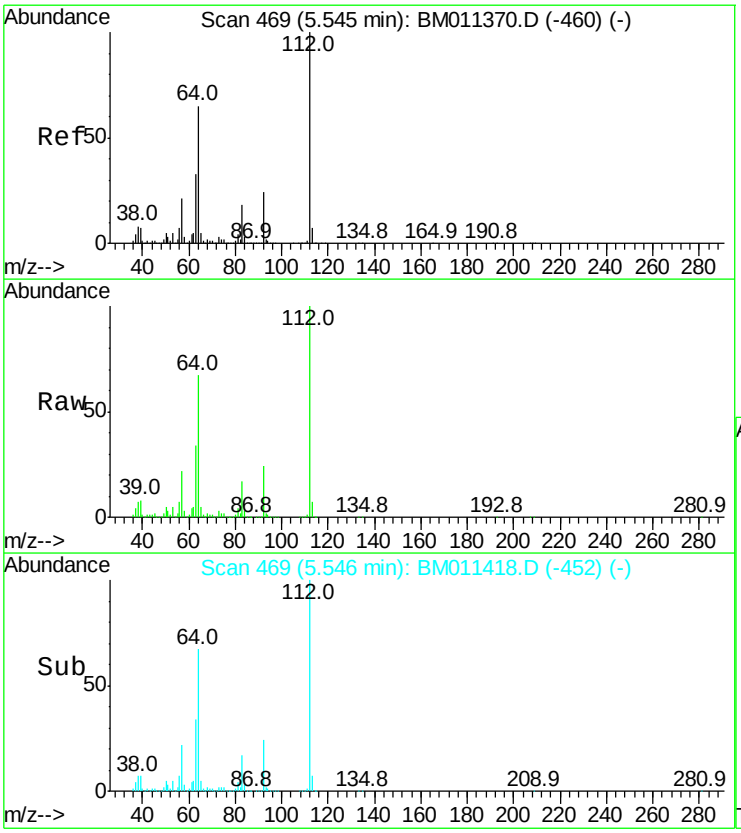
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion:152 Resp: 437826

Ion	Ratio	Lower	Upper
152	100		
150	158.3	119.5	179.3
115	58.2	43.0	64.4

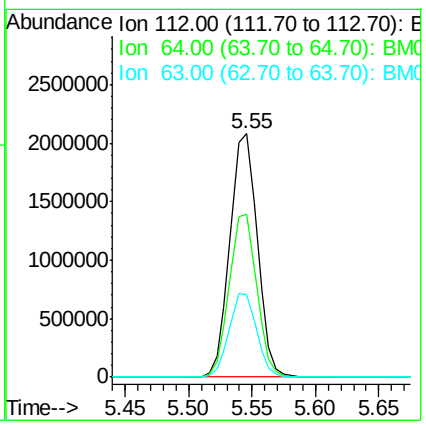


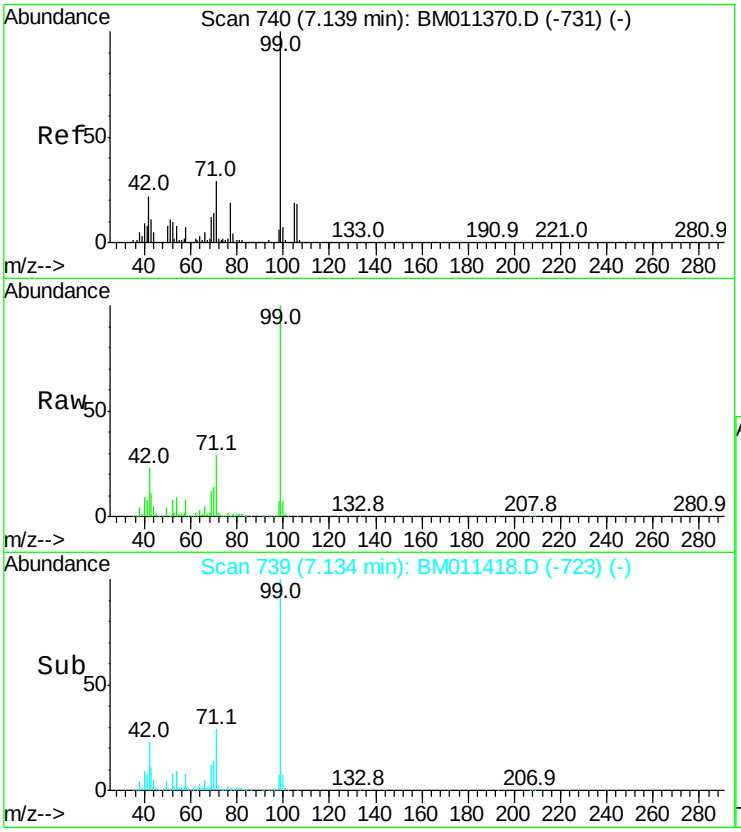


#5
2-Fluorophenol
Concen: 119.527 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:112 Resp: 3108952

Ion	Ratio	Lower	Upper
112	100		
64	66.9	38.6	57.8#
63	34.1	19.3	28.9#



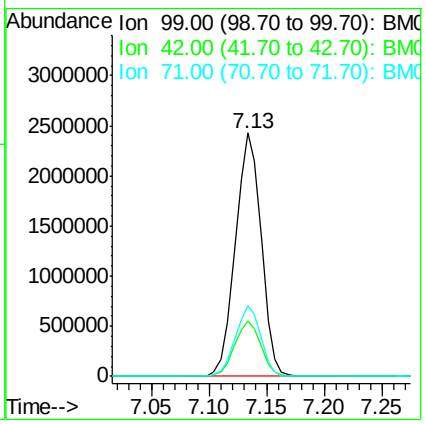


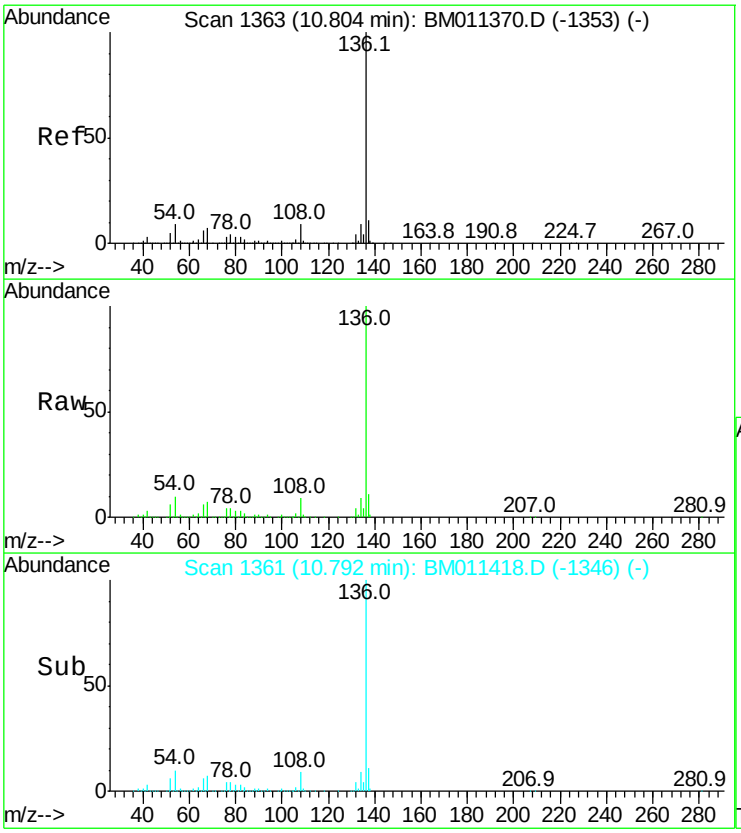
#7
Phenol-d6
Concen: 103.904 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion: 99 Resp: 3747453

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	28.9	23.4	35.2

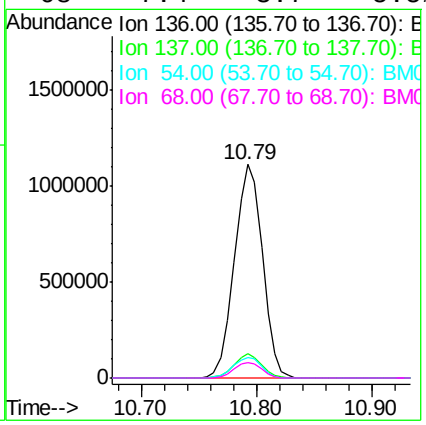


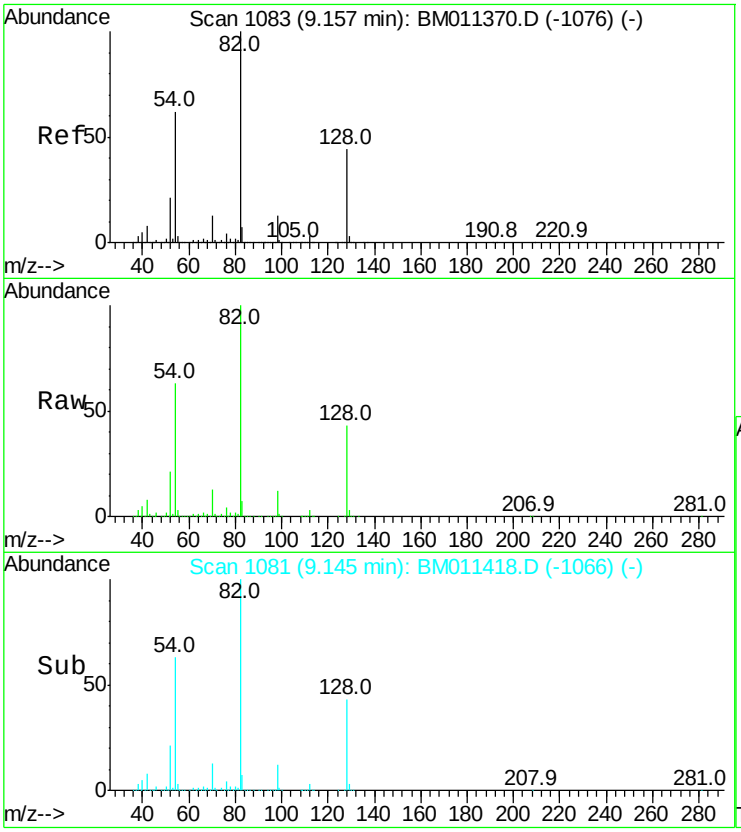


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:136 Resp: 1875465

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.8	4.6	6.8#
68	7.4	3.7	5.5#



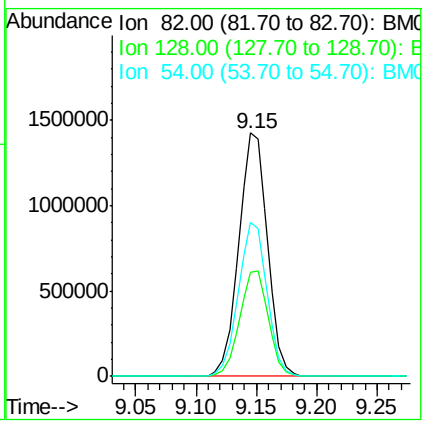


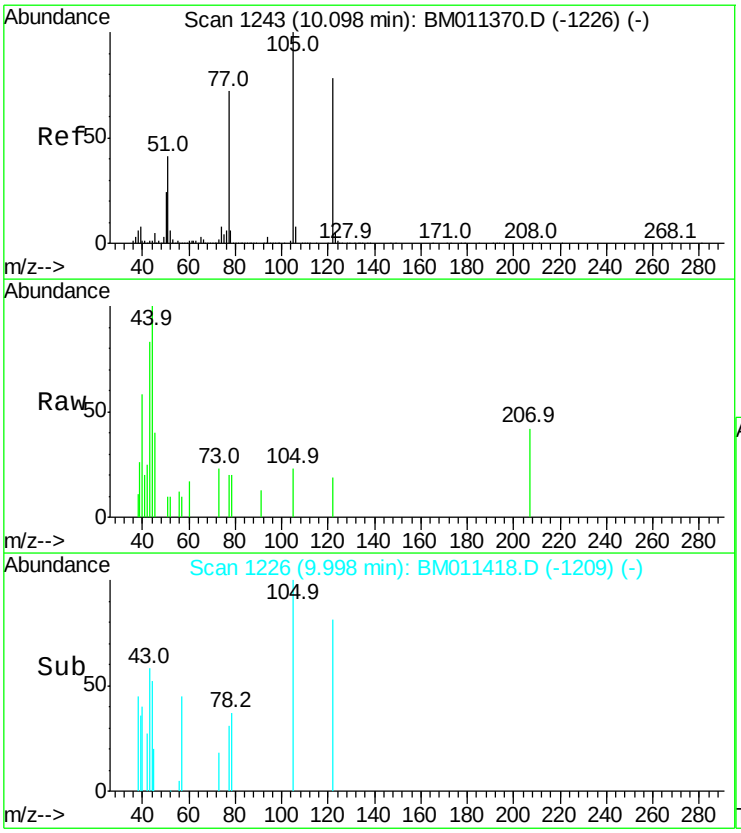
#23
Nitrobenzene-d5
Concen: 82.942 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion: 82 Resp: 2360538

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.8	49.2
54	63.4	40.6	60.8#

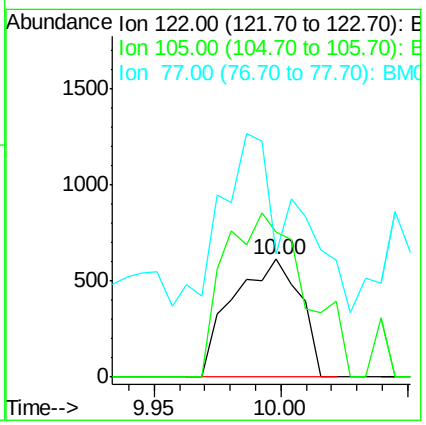


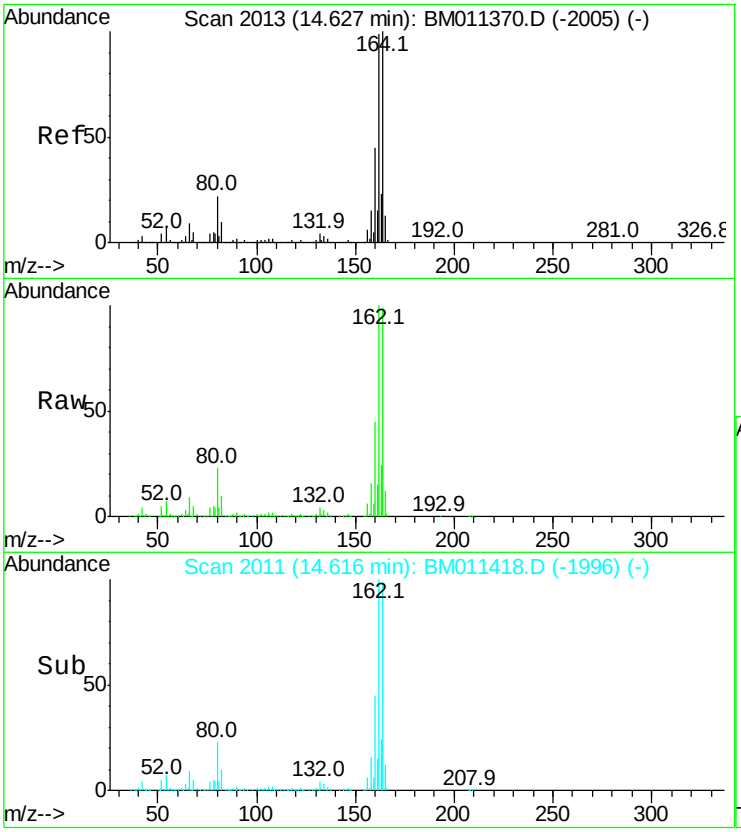


#32
Benzoic acid
Concen: 6.589 ng
RT: 10.00 min Scan# 1226
Delta R.T. -0.10 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:122 Resp: 1141

Ion	Ratio	Lower	Upper
122	100		
105	123.0	99.9	139.9
77	105.2	73.7	113.7



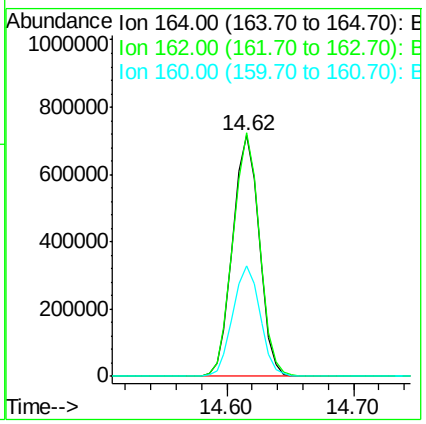


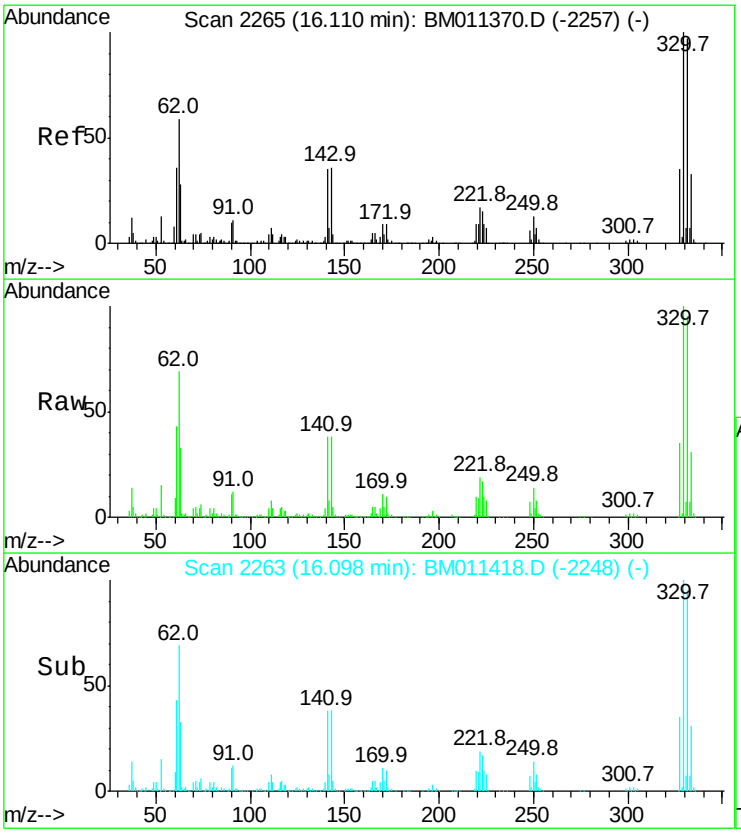
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion:164 Resp: 1036827

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.4	123.6
160	45.9	35.8	53.6

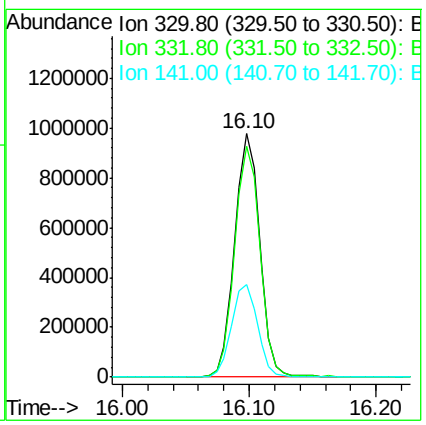


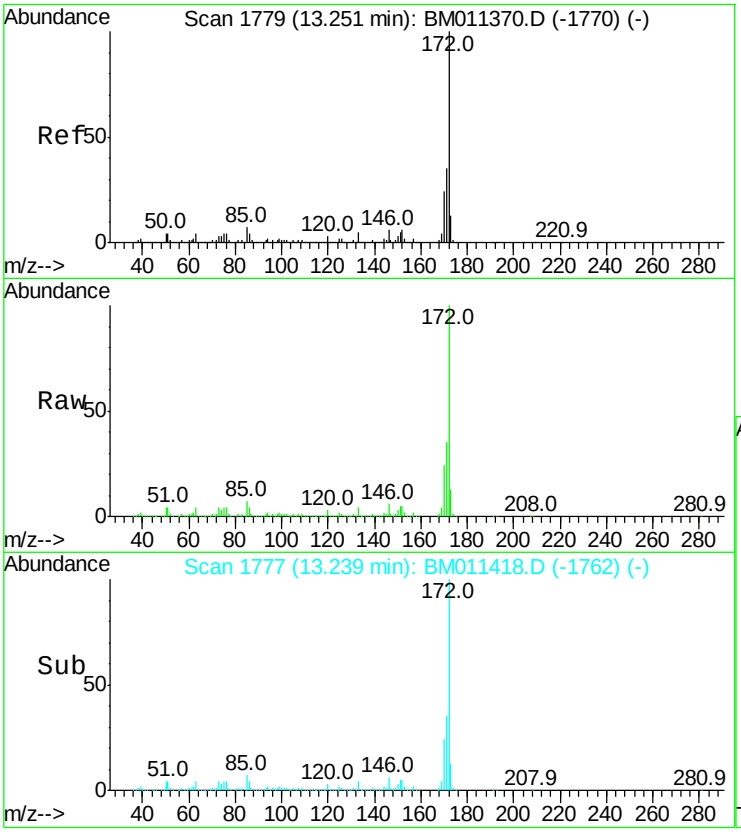


#41
2,4,6-Tribromophenol
Concen: 111.628 ng
RT: 16.10 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:330 Resp: 1339050

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	39.4	0.0	0.0#



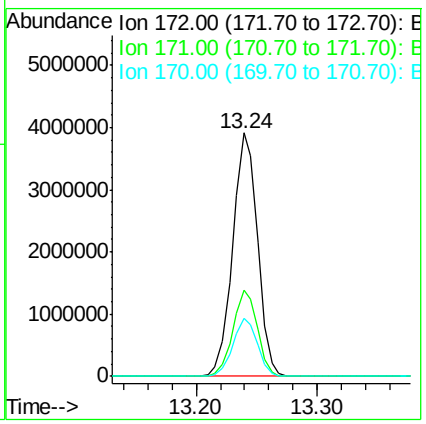


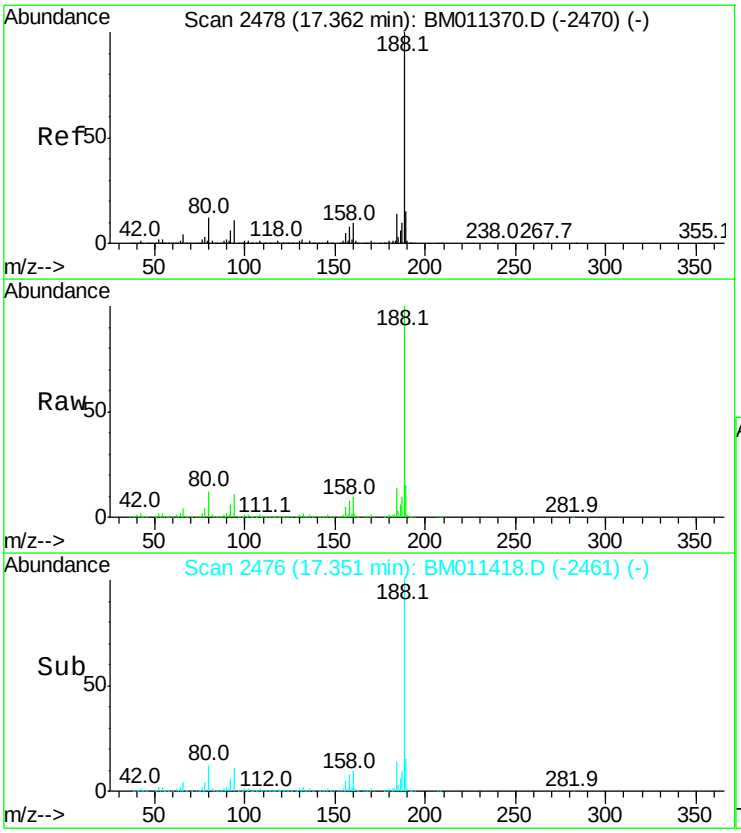
#44
2-Fluorobiphenyl
Concen: 77.772 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion:172 Resp: 5593975

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.7	18.8	28.2

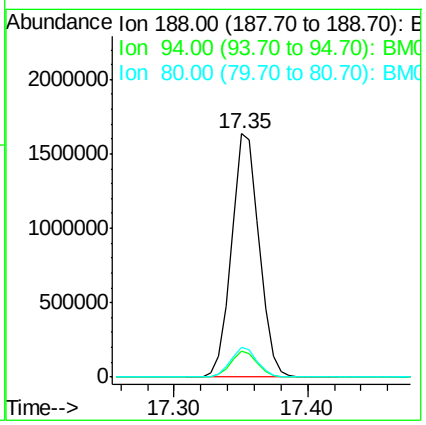


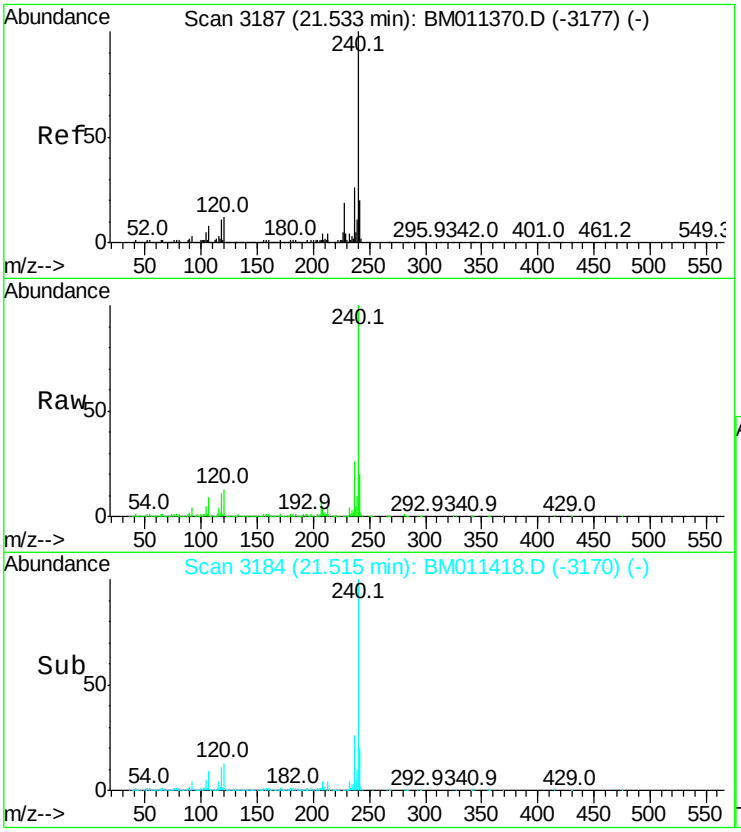


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:188 Resp: 2351958

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.7	13.1
80	12.1	9.3	13.9



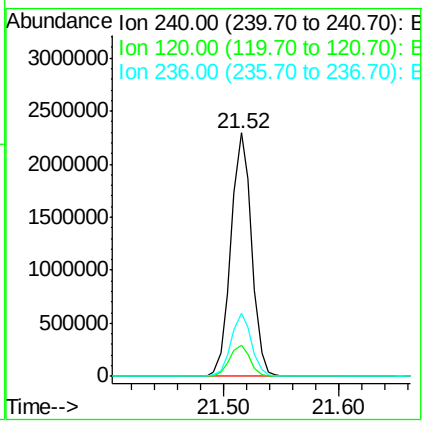


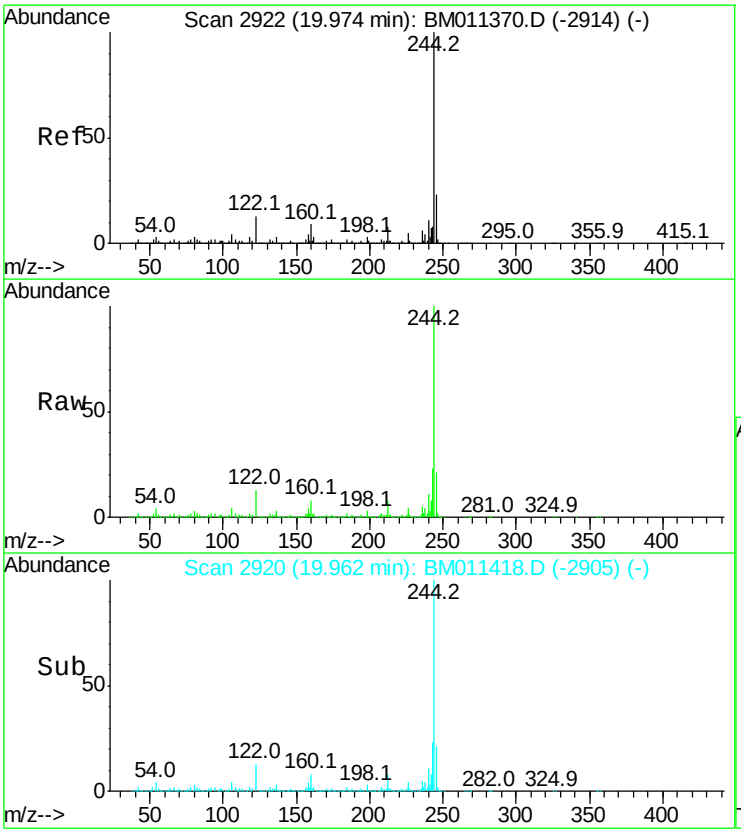
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion:240 Resp: 2849502

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.2	12.2#
236	25.7	20.0	30.0

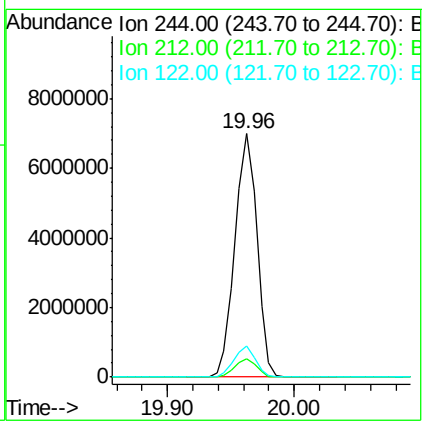


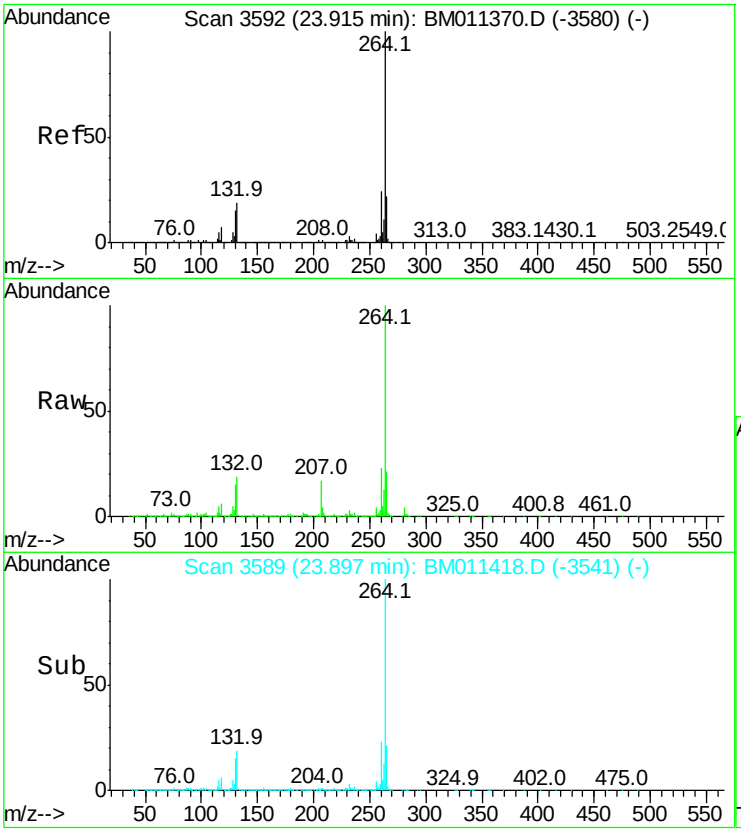


#78
Terphenyl-d14
Concen: 73.003 ng
RT: 19.96 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Tgt Ion:244 Resp: 8383864

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.6	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011418.D
Acq: 02 Sep 2017 16:42

Instrument :
BNA_M
ClientSampleId :
TP-9-10-COMP

Tgt Ion:264 Resp: 2770416

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.1	17.3	25.9