Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015889.D
Acq On : 11 Jul 2018 15:16
Operator : SJ/JU
Sample : J3888-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FB-20180705

Quant Time: Jul 11 19:02:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	77045	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	299962	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	163309	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	340478	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	330063	20.00	ng	-0.02
86) Perylene-d12	24.14	264	332081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	245486	54.64	ng	-0.02
7) Phenol-d6	7.45	99	179163	29.13	ng	-0.02
23) Nitrobenzene-d5	9.48	82	568387	92.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	272326	127.62	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1132199	86.07	ng	-0.02
78) Terphenyl-d14	20.20	244	1616353	90.83	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.36	163	46617	3.237	ng	# 96

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

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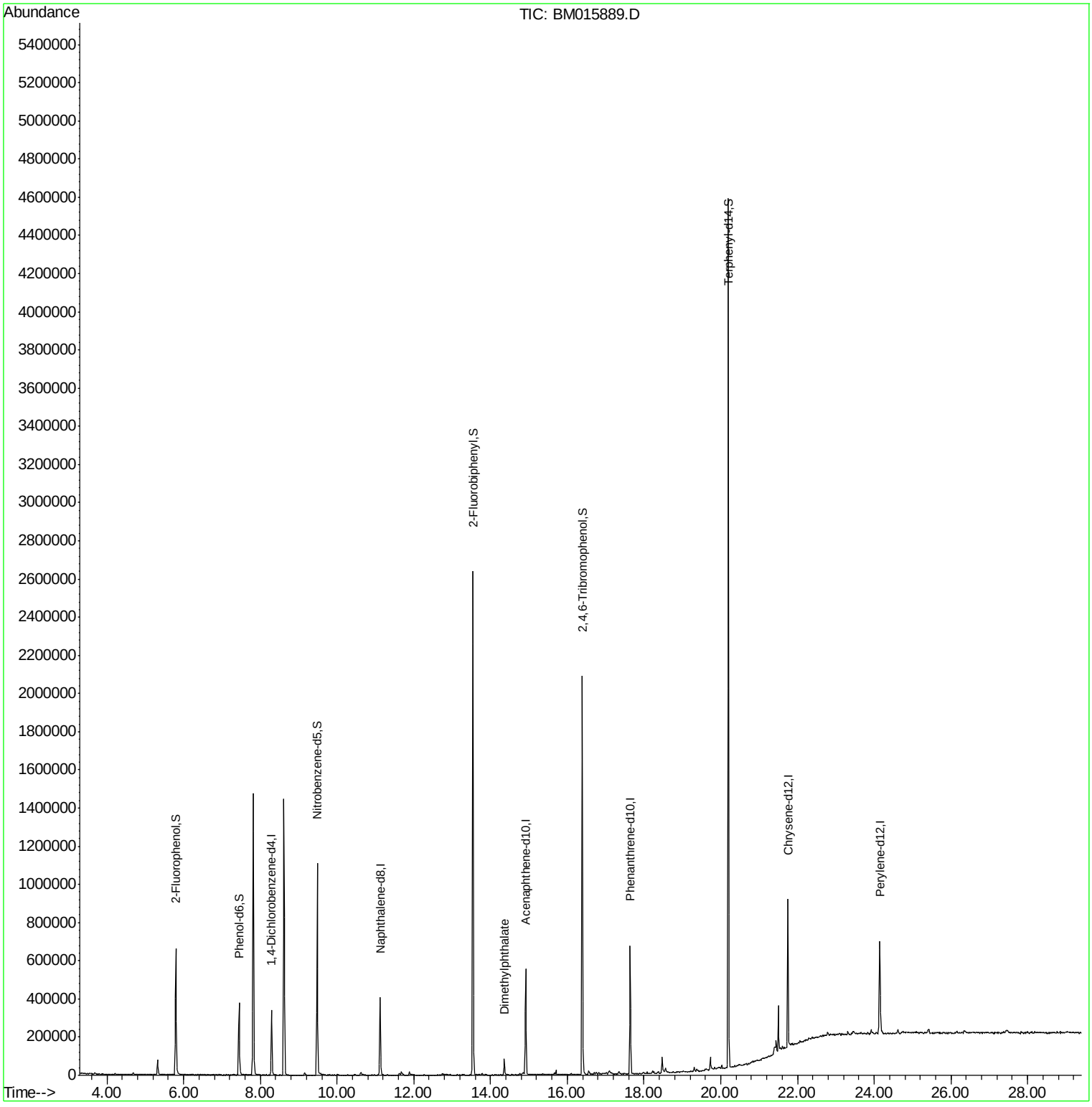
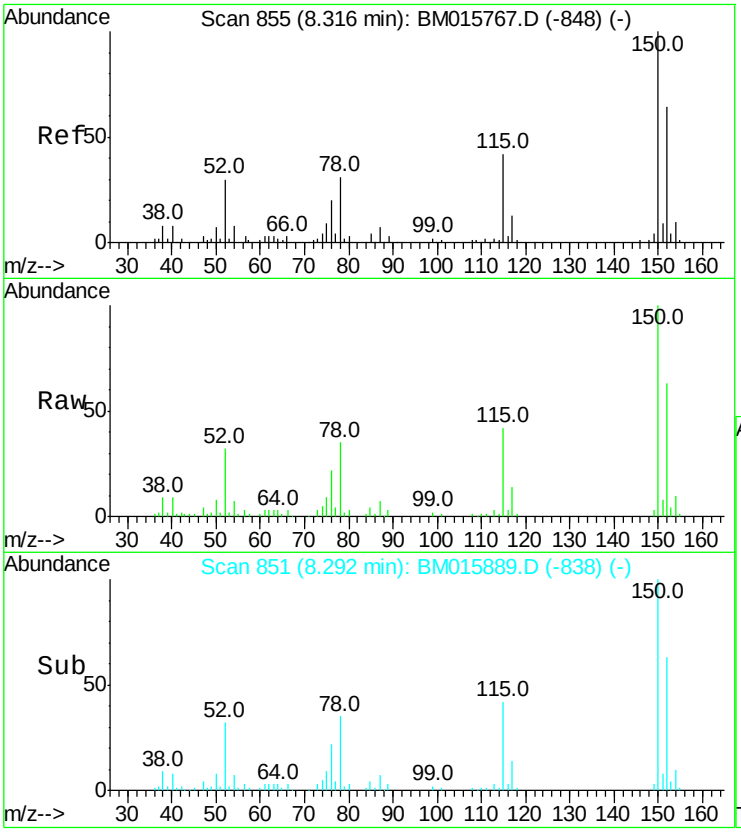


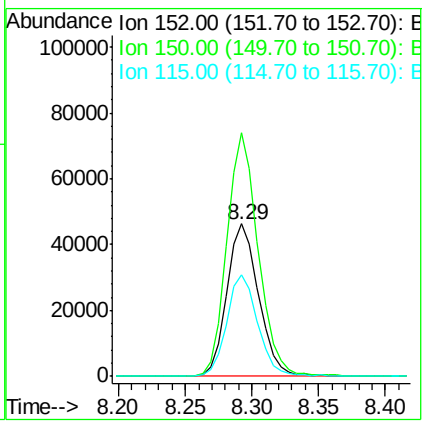


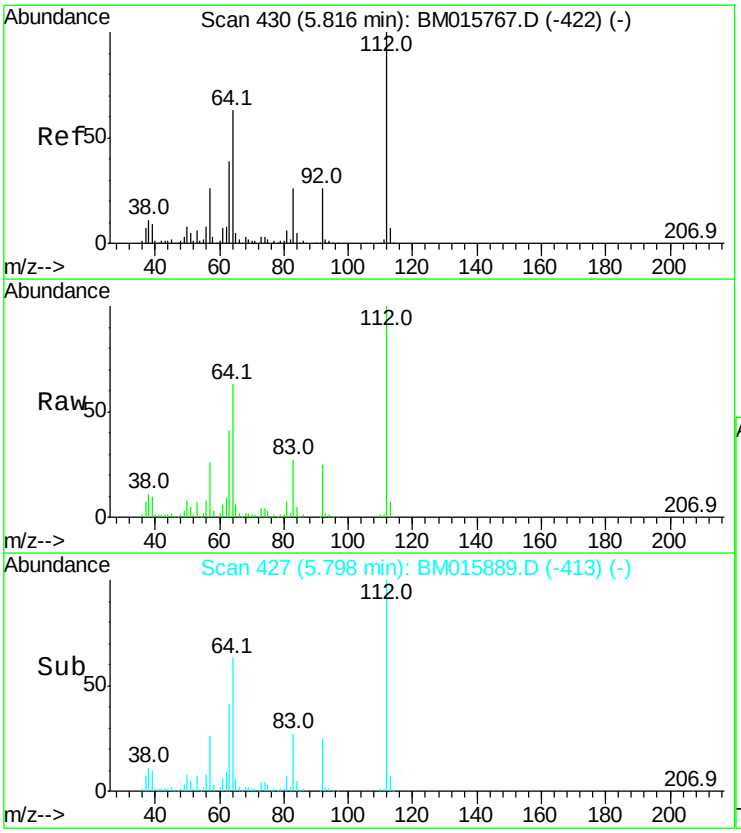
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion:152 Resp: 77045

Ion	Ratio	Lower	Upper
152	100		
150	159.8	119.5	179.3
115	66.3	43.0	64.4#

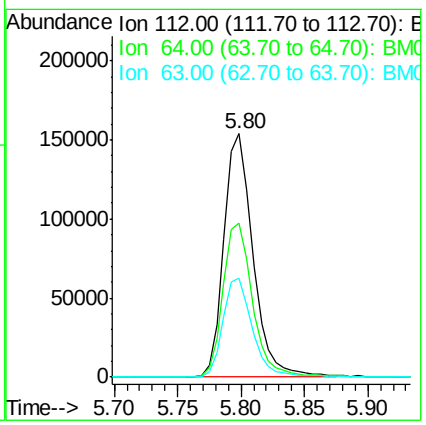


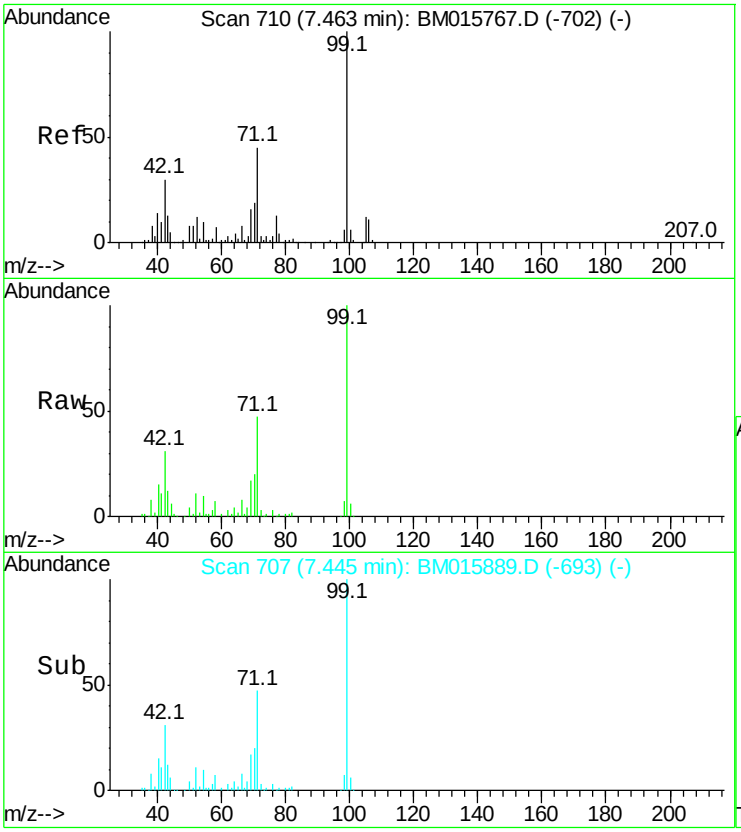


#5
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:112 Resp: 245486

Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	40.9	19.3	28.9#



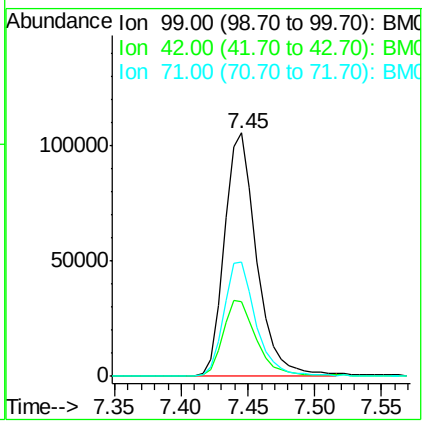


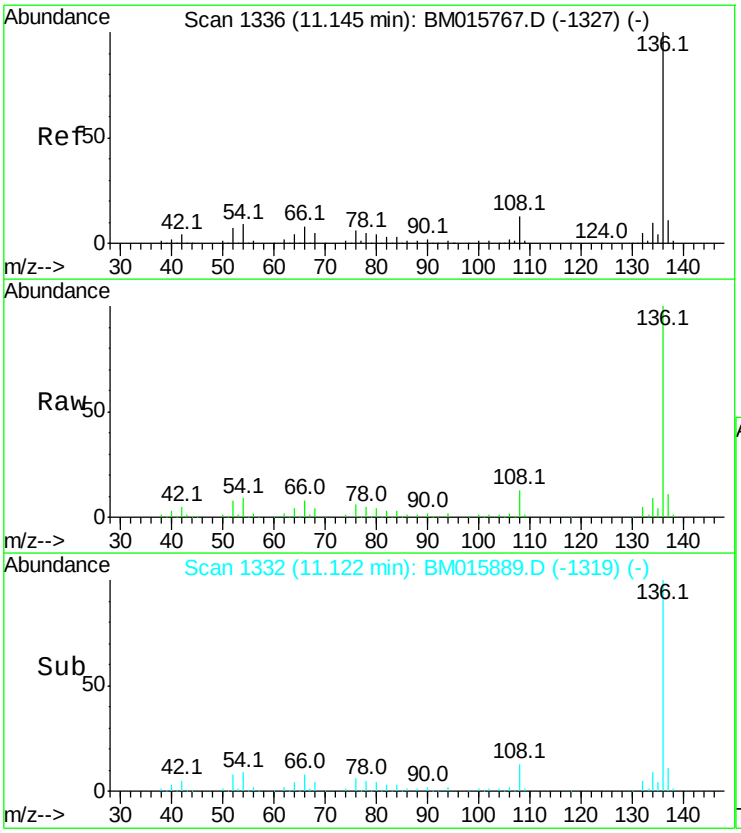
#7
Phenol-d6
Concen: N.D. ng
RT: 7.45 min Scan# 707
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion: 99 Resp: 179163

Ion	Ratio	Lower	Upper
99	100		
42	30.7	11.0	16.4#
71	46.8	23.4	35.2#

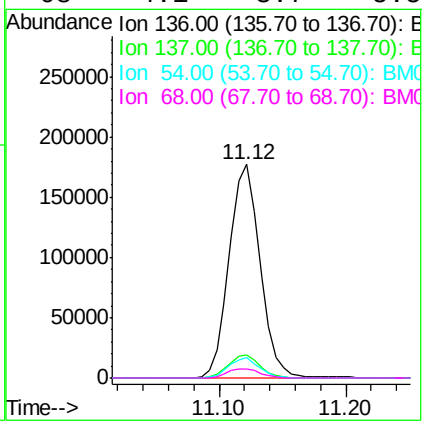


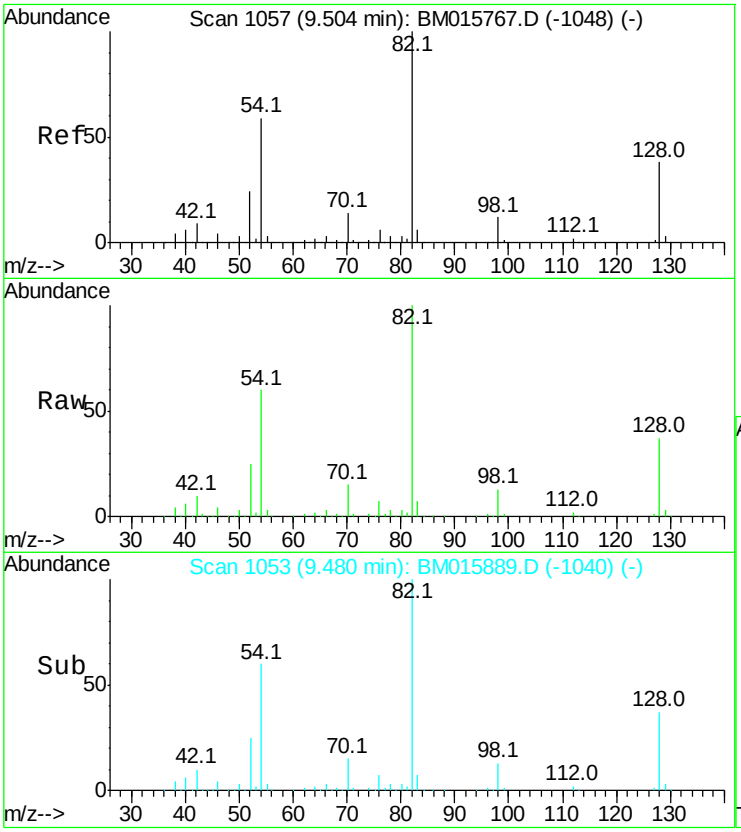


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:136 Resp: 299962

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.4	4.6	6.8#
68	4.1	3.7	5.5



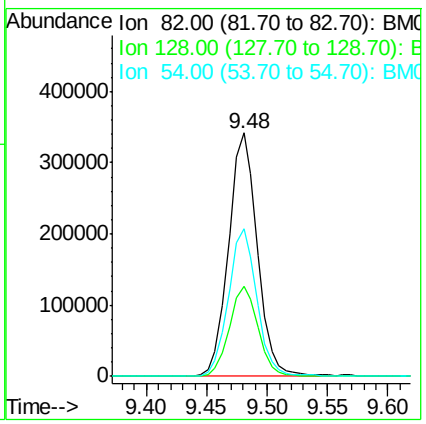


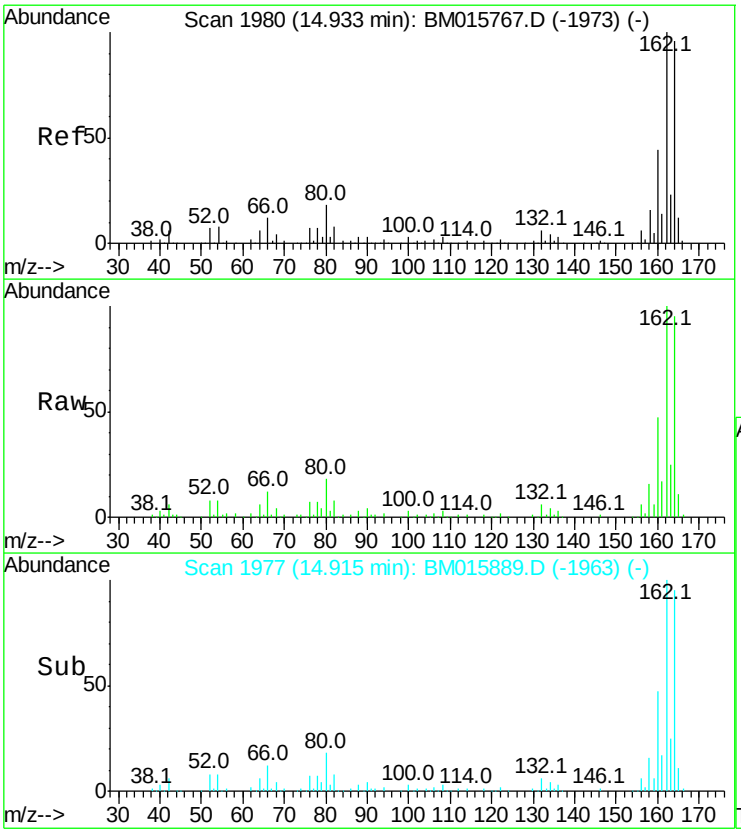
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion: 82 Resp: 568387

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.8	49.2
54	60.4	40.6	60.8

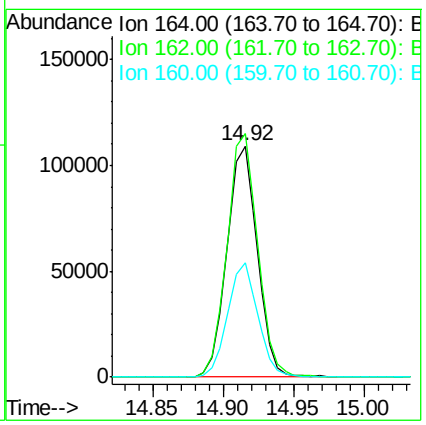


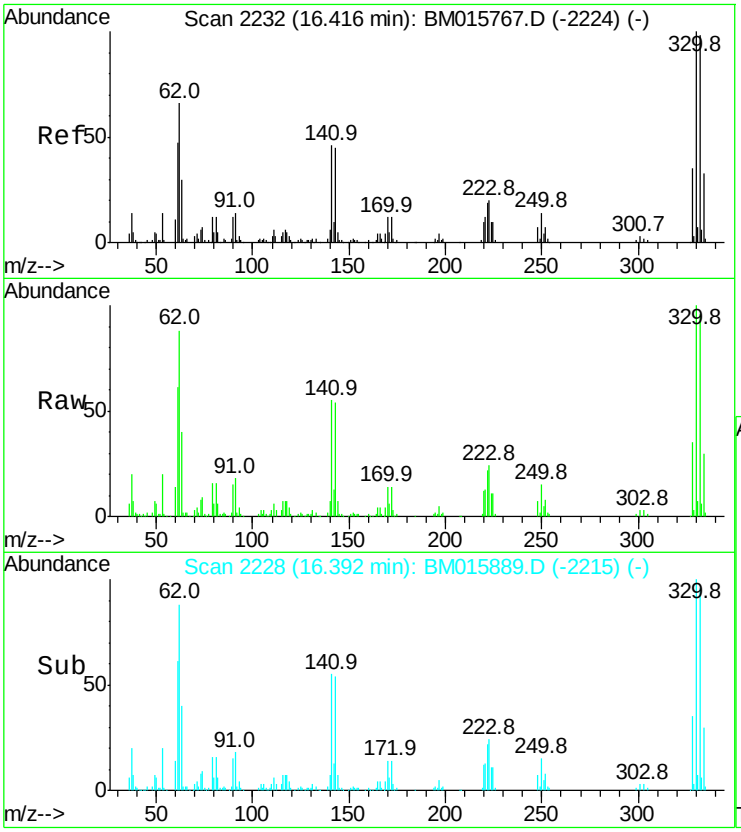


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:164 Resp: 163309

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	49.2	35.8	53.6



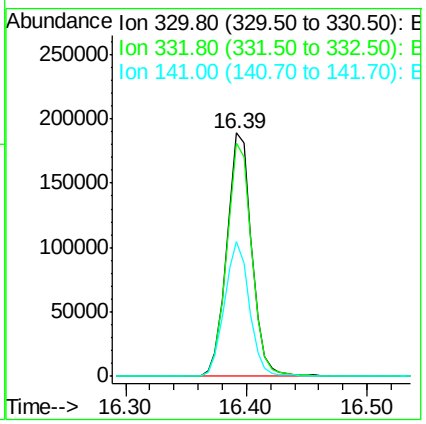


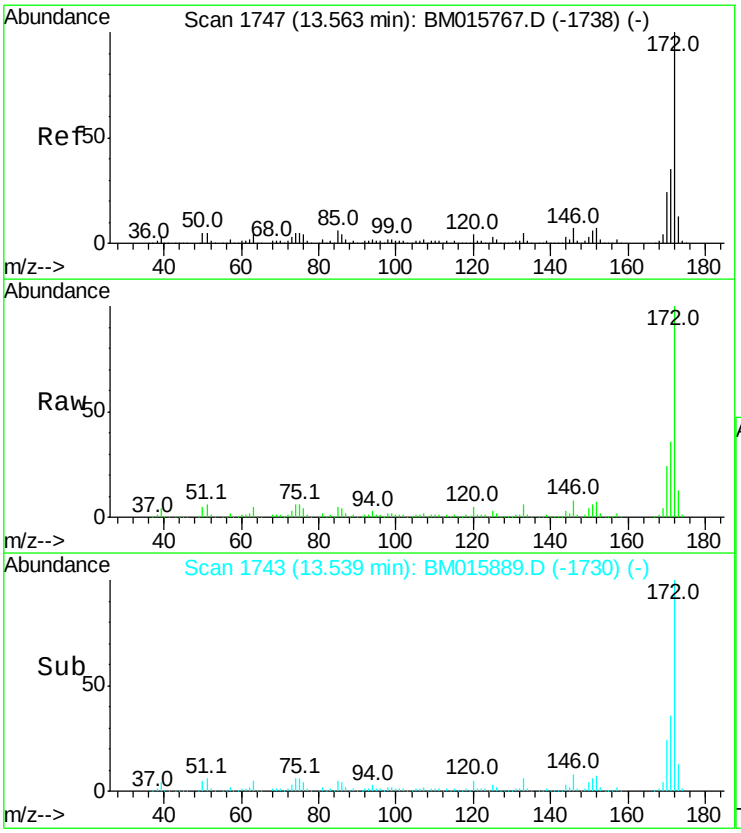
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.39 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion:330 Resp: 272326

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	55.1	0.0	0.0#

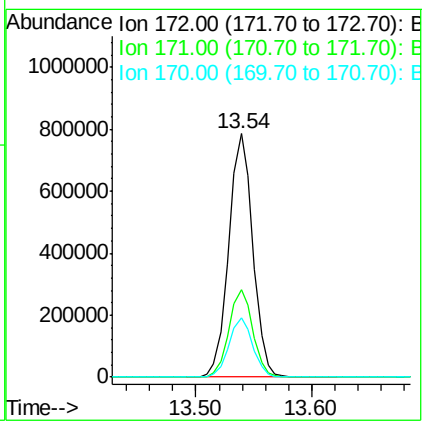


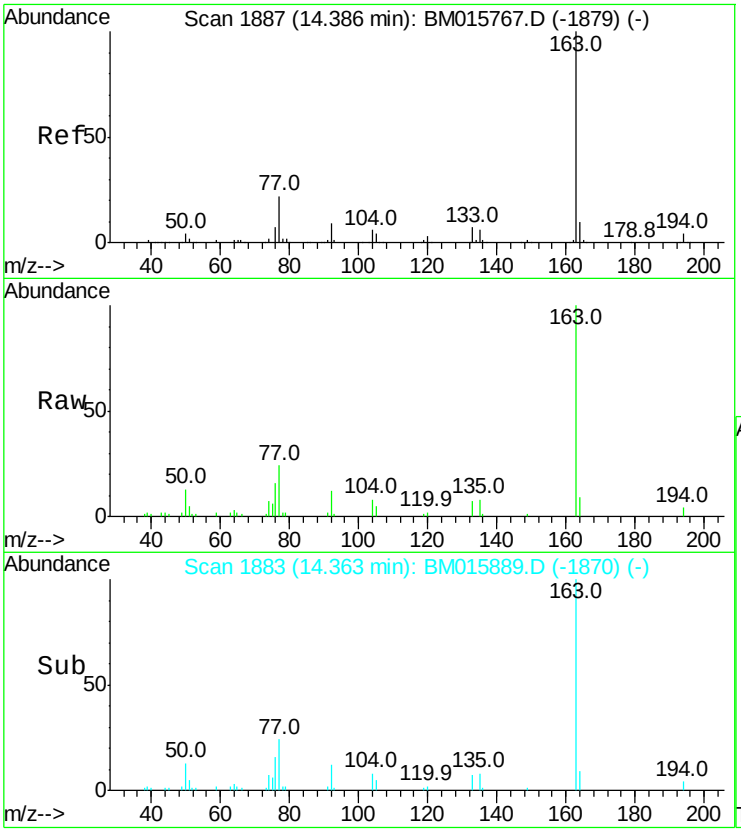


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:172 Resp: 1132199

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.3	18.8	28.2



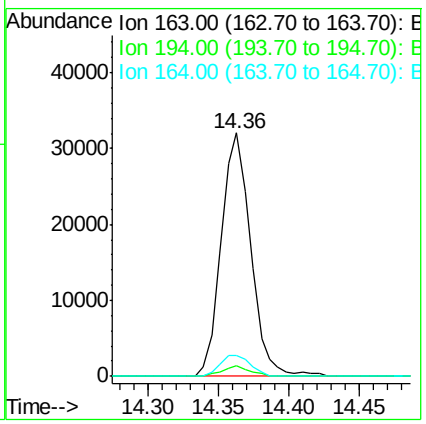


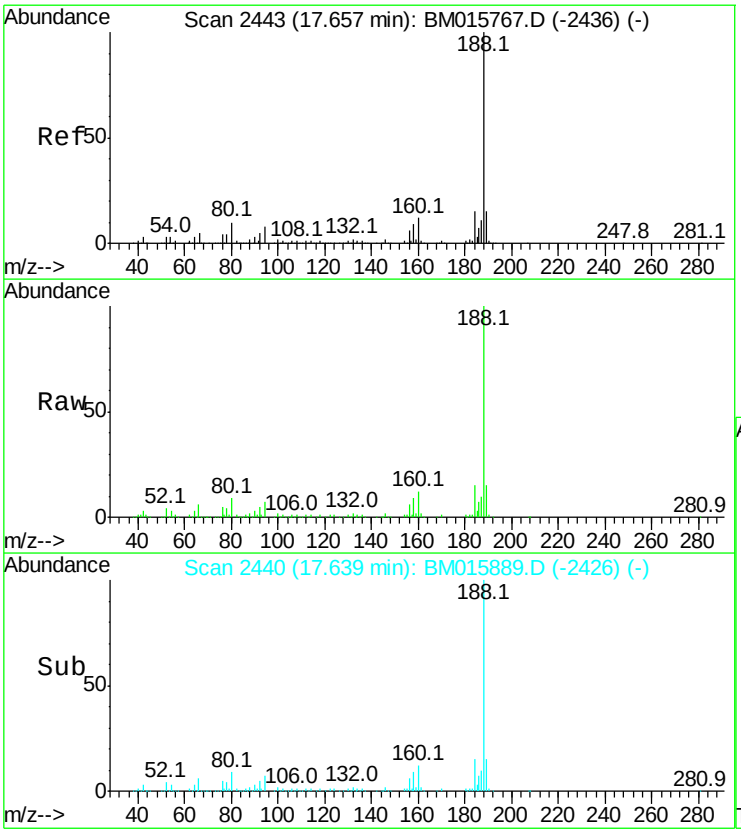
#49
Dimethylphthalate
Concen: 3.237 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion:163 Resp: 46617

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	8.8	8.2	12.2

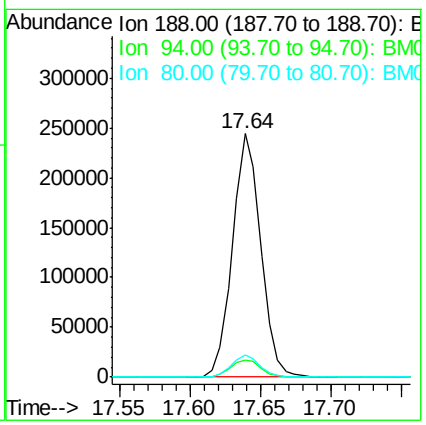


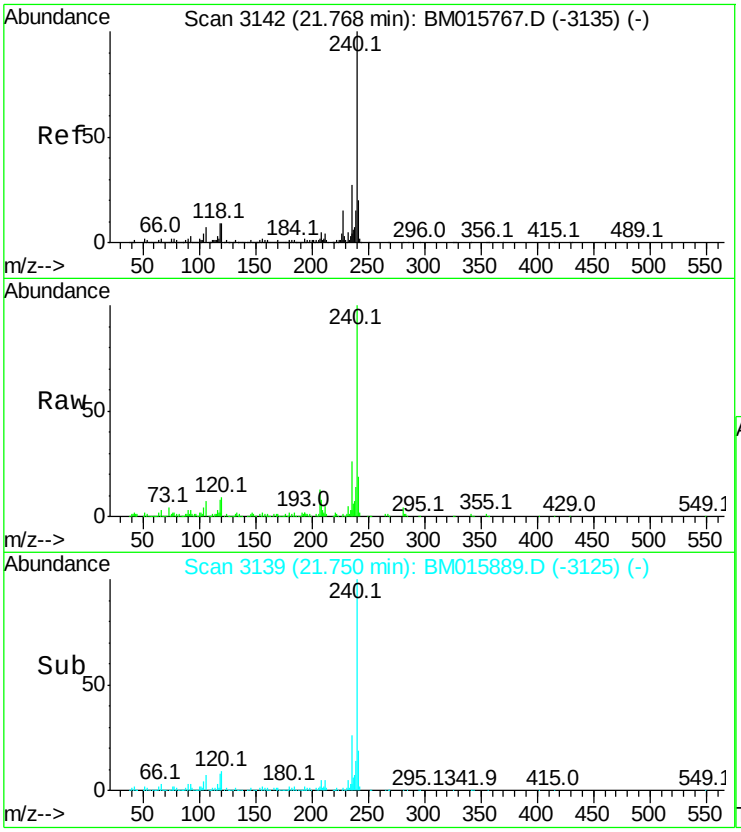


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:188 Resp: 340478

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.7	13.1#
80	8.9	9.3	13.9#



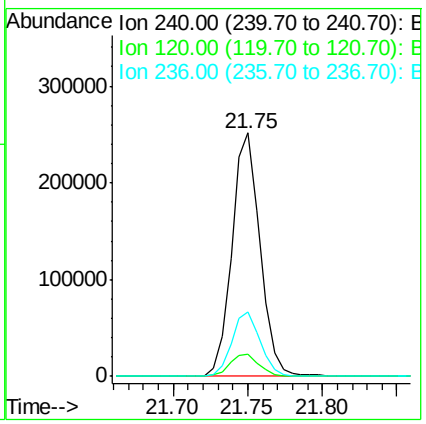


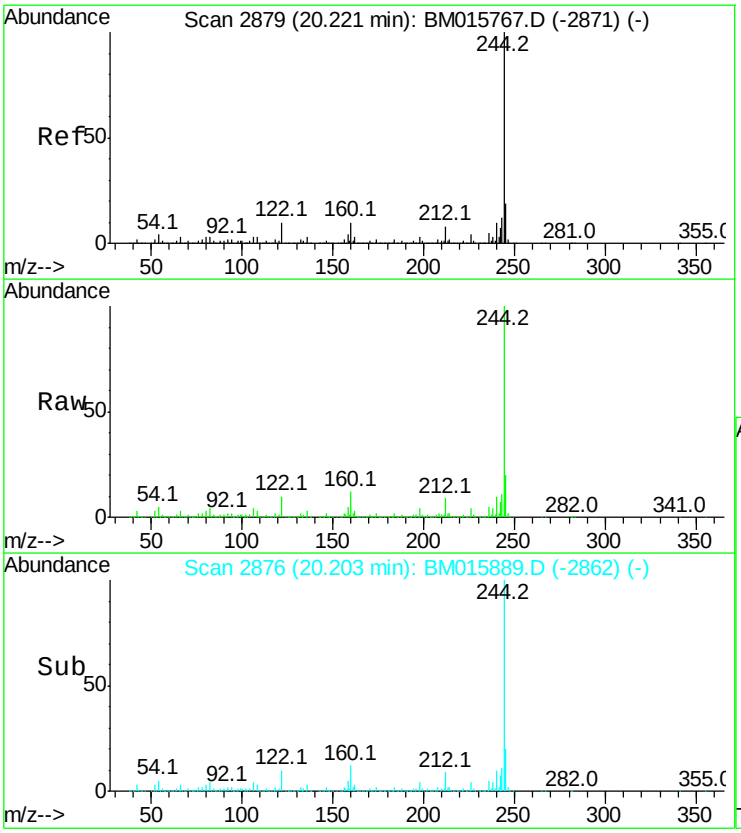
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion:240 Resp: 330063

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	26.4	20.0	30.0

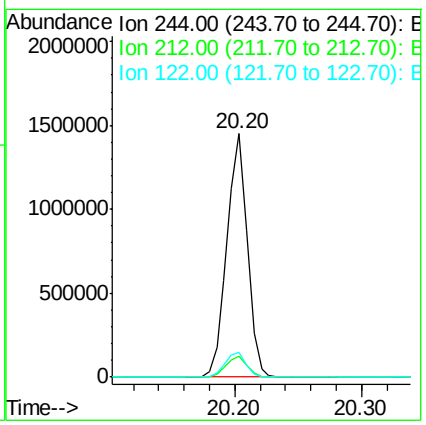


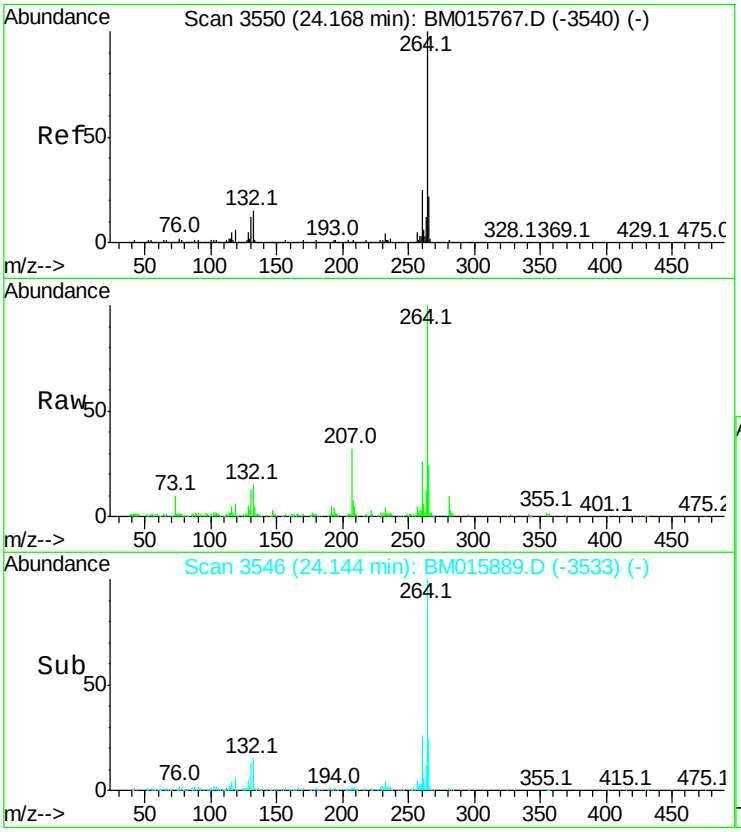


#78
Terphenyl-d14
Concen: Below ng
RT: 20.20 min Scan# 2876
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Tgt Ion:244 Resp: 1616353

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	10.2	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BM015889.D
Acq: 11 Jul 2018 15:16

Instrument :
BNA_M
ClientSampleId :
FB-20180705

Tgt Ion:264 Resp: 332081

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	23.6	17.3	25.9