Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010214.D
Acq On : 25 May 2017 13:20
Operator : SJ/MA
Sample : PB99246BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99246BL

Quant Time: May 26 05:42:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	118744	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	388063	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	232835	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	560314	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	863630	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1033442	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	994909	151.30	ng	-0.03
7) Phenol-d6	7.13	99	1164282	137.60	ng	-0.04
23) Nitrobenzene-d5	9.13	82	781839	108.70	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	491363	138.95	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	1913639	105.66	ng	-0.04
78) Terphenyl-d14	19.93	244	3091706	81.40	ng	-0.02

Target Compounds	Qvalue

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

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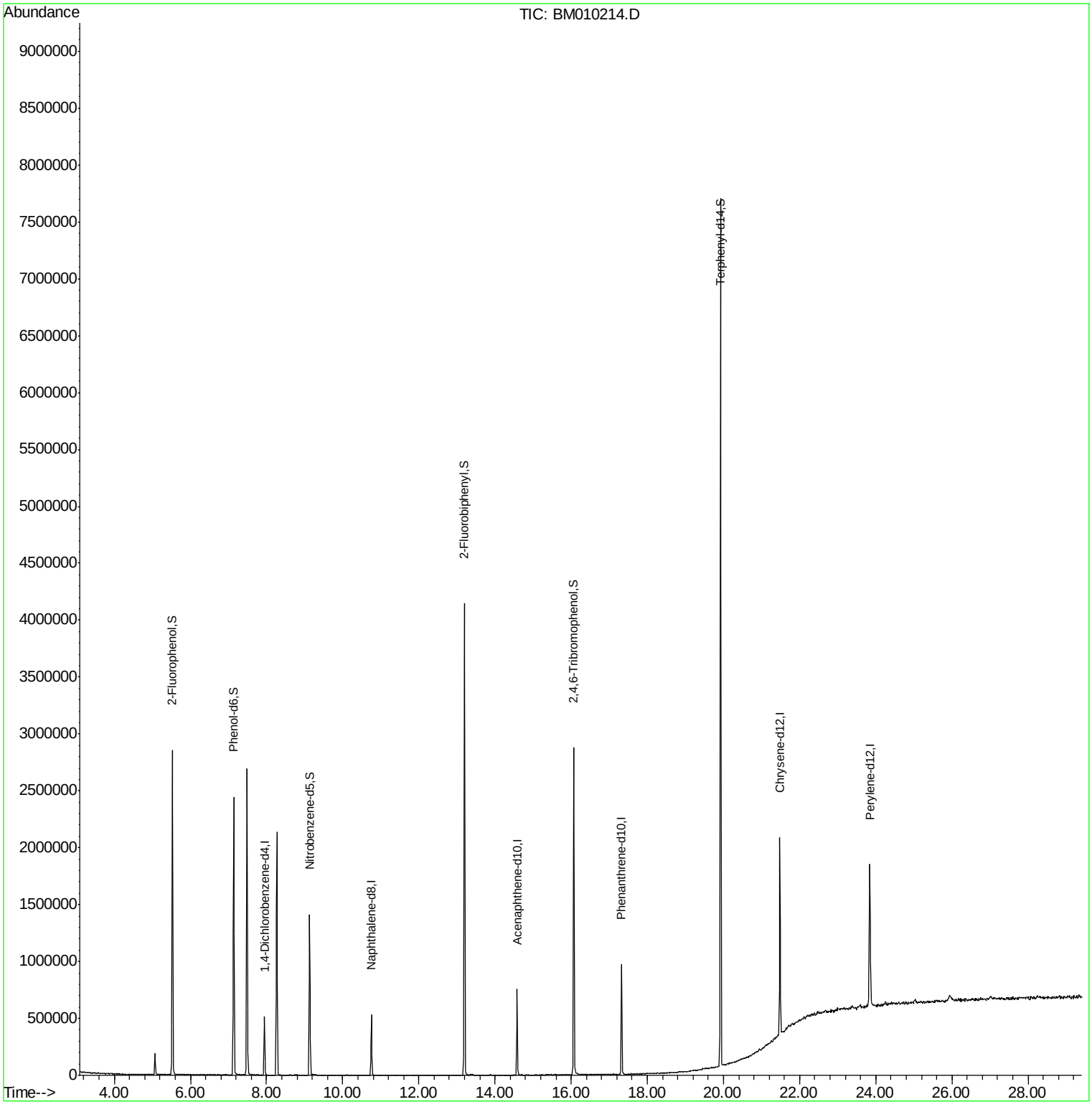
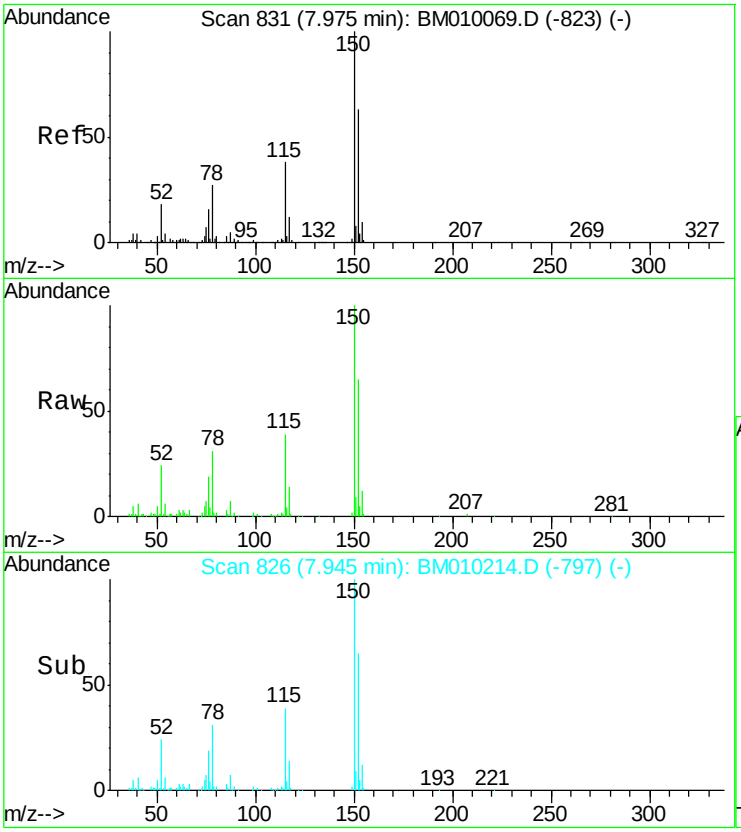


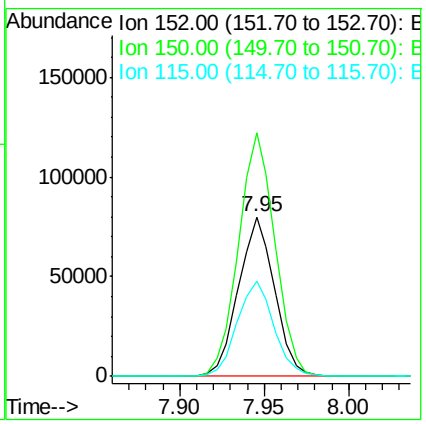


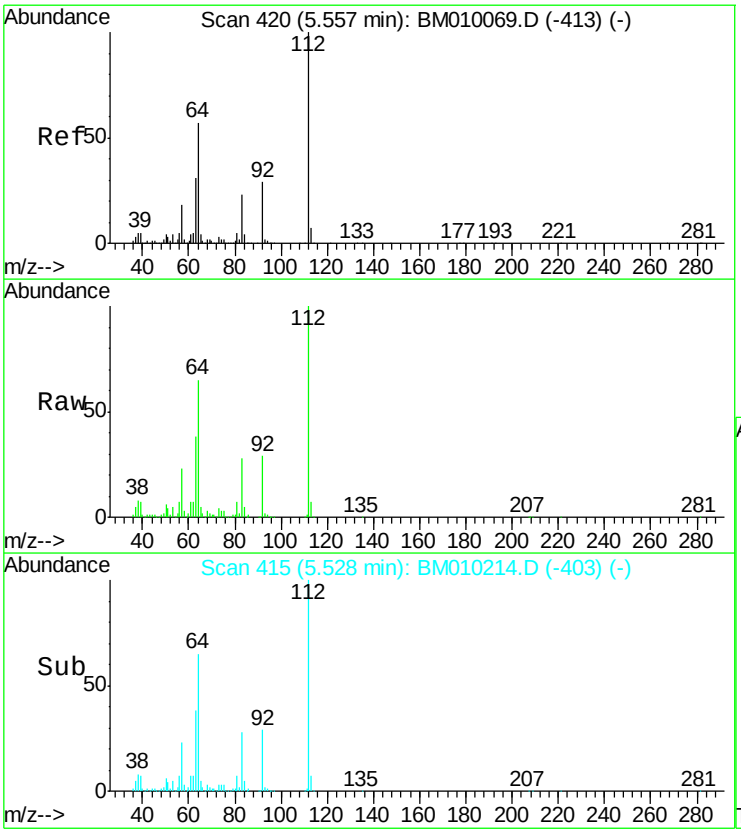
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 826
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion:152 Resp: 118744

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	60.0	43.0	64.4

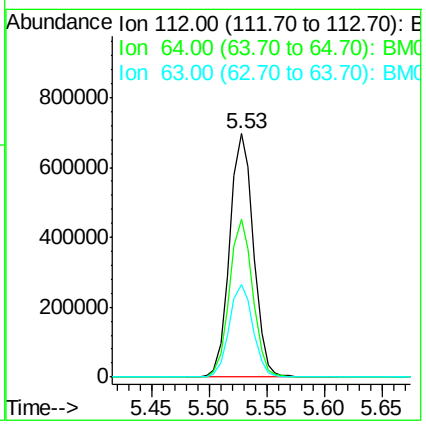


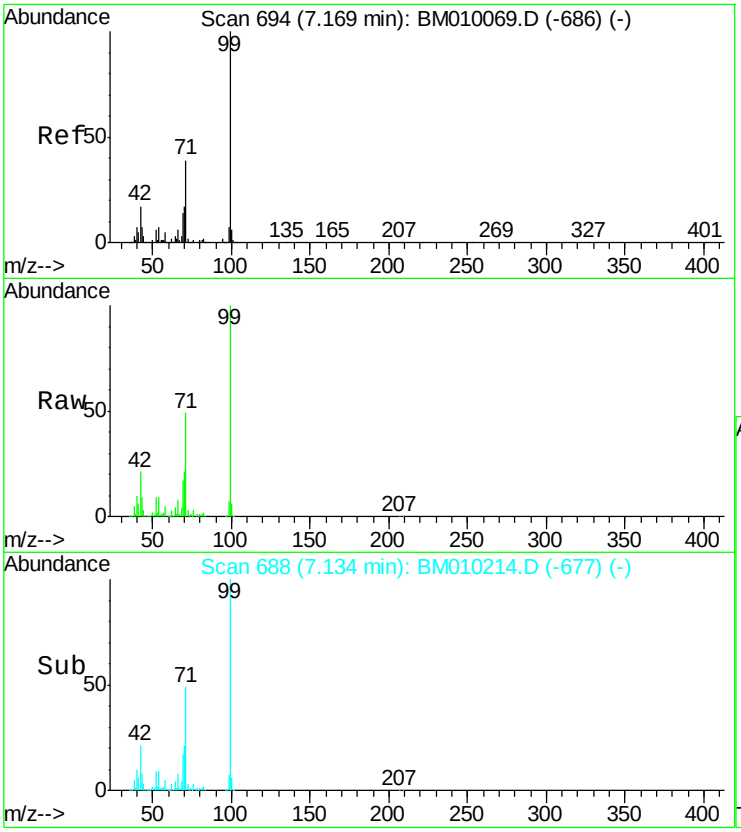


#5
2-Fluorophenol
Concen: 151.30 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:112 Resp: 994909

Ion	Ratio	Lower	Upper
112	100		
64	64.8	38.6	57.8#
63	38.2	19.3	28.9#



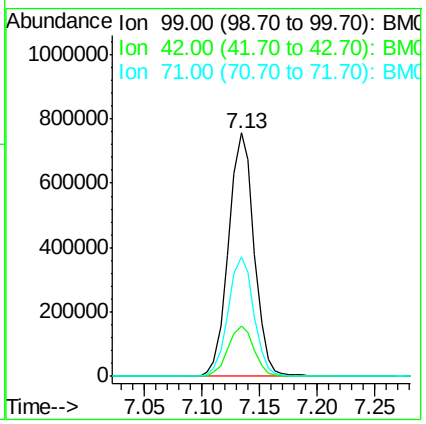


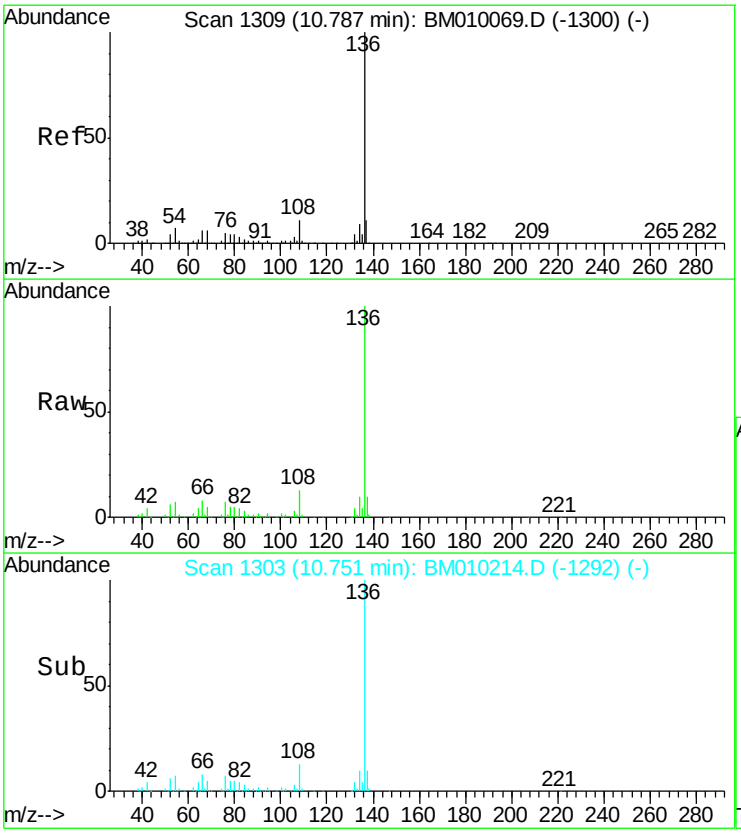
#7
Phenol-d6
Concen: 137.60 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.04 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion: 99 Resp: 1164282

Ion	Ratio	Lower	Upper
99	100		
42	20.8	11.0	16.4#
71	49.3	23.4	35.2#

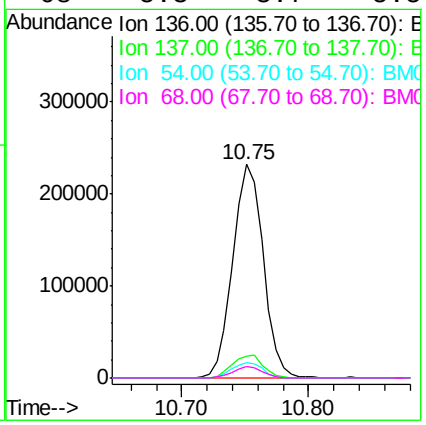


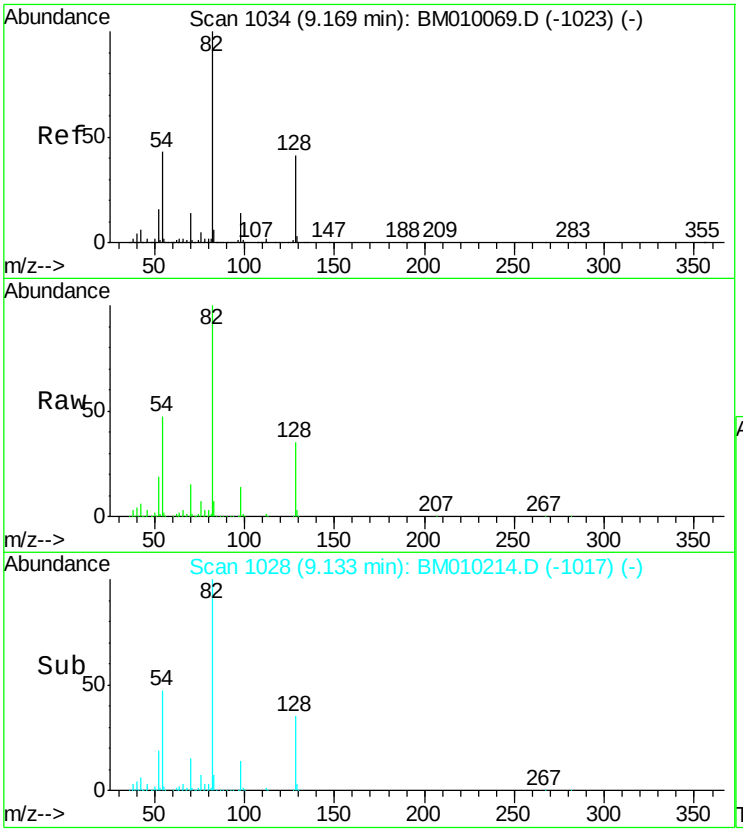


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:136 Resp: 388063

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	7.0	4.6	6.8#
68	5.3	3.7	5.5



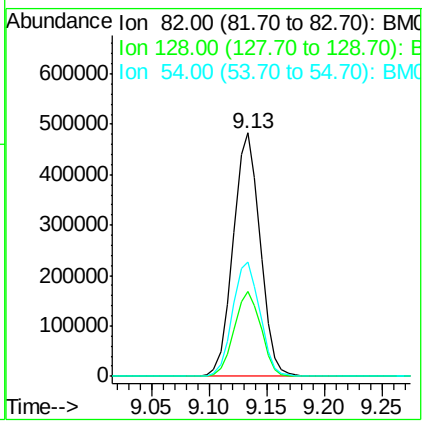


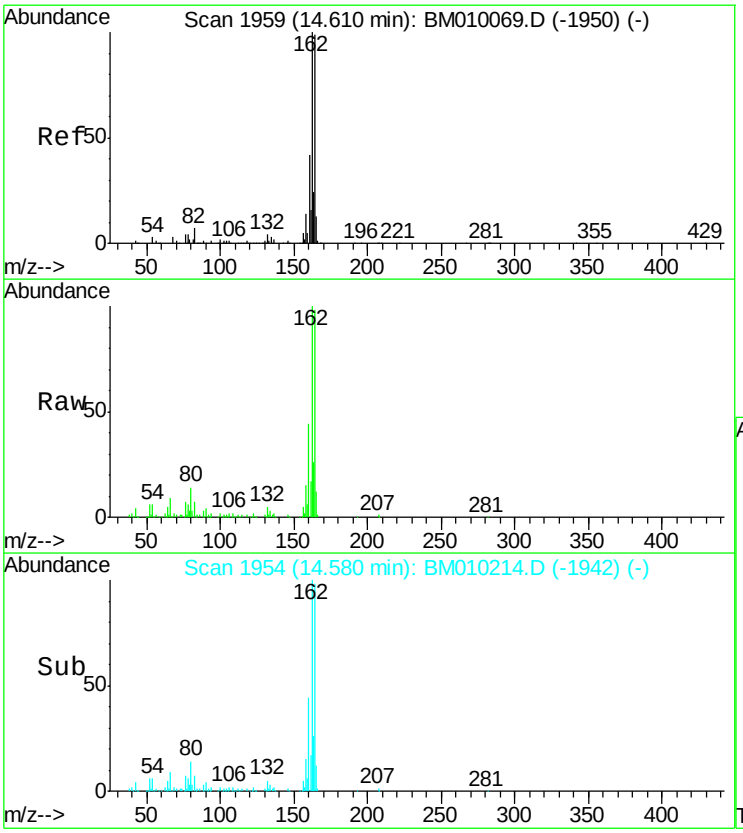
#23
Nitrobenzene-d5
Concen: 108.70 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion: 82 Resp: 781839

Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.8	49.2
54	47.1	40.6	60.8

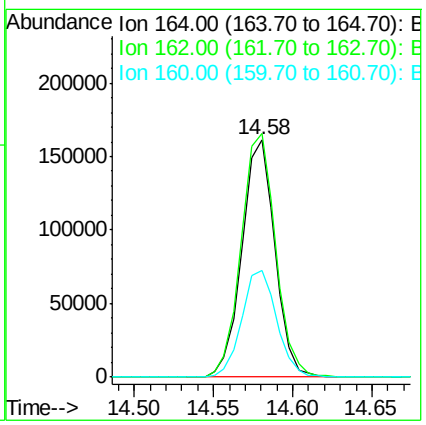


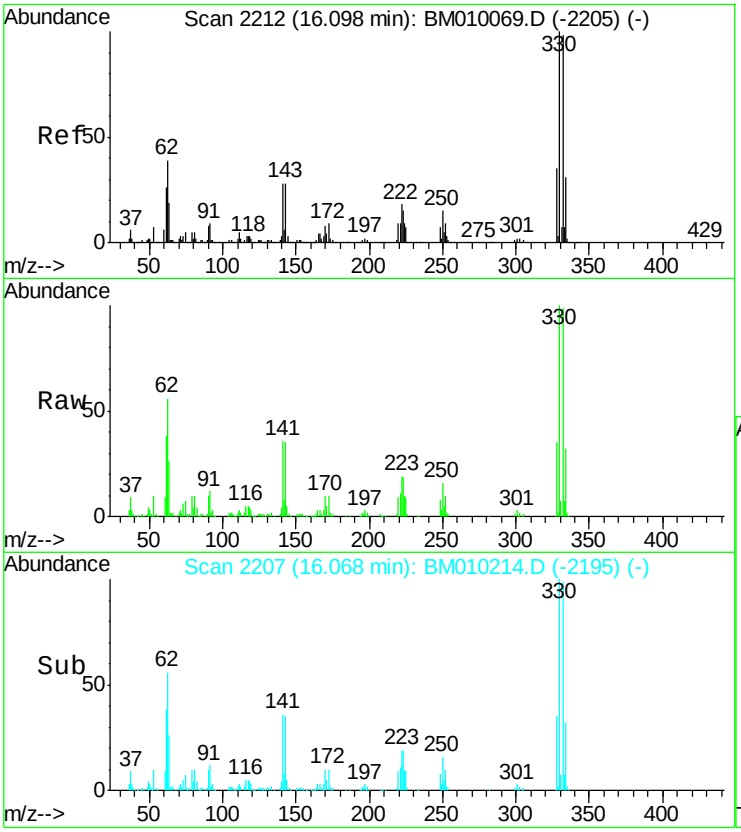


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:164 Resp: 232835

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	44.6	35.8	53.6



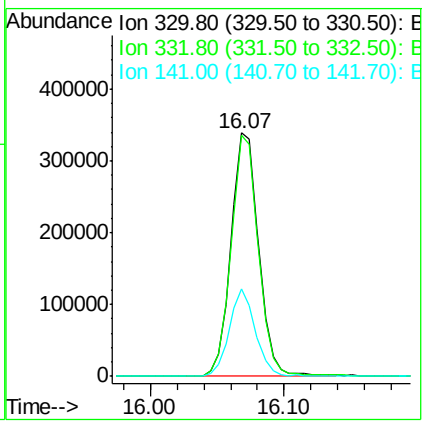


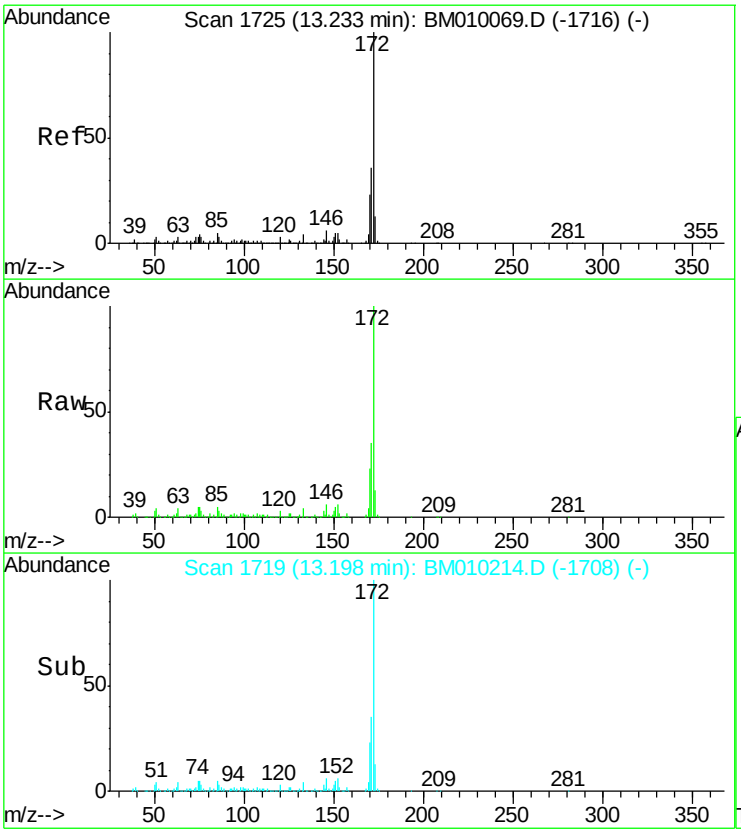
#41
2,4,6-Tribromophenol
Concen: 138.95 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion:330 Resp: 491363

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	34.1	0.0	0.0#

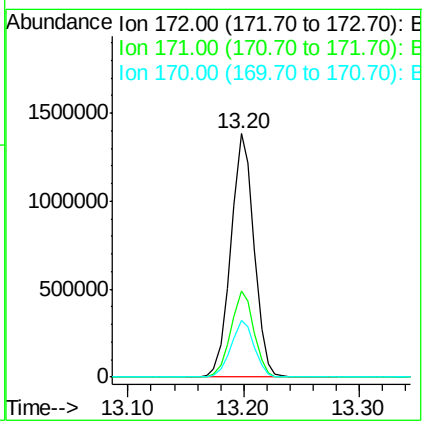


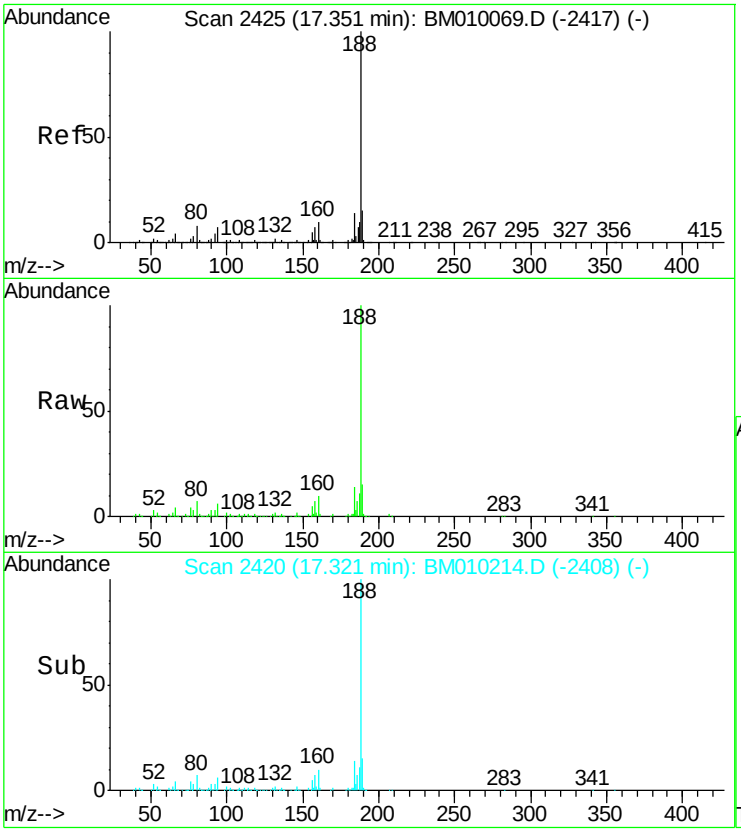


#44
2-Fluorobiphenyl
Concen: 105.66 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:172 Resp: 1913639

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.4	18.8	28.2



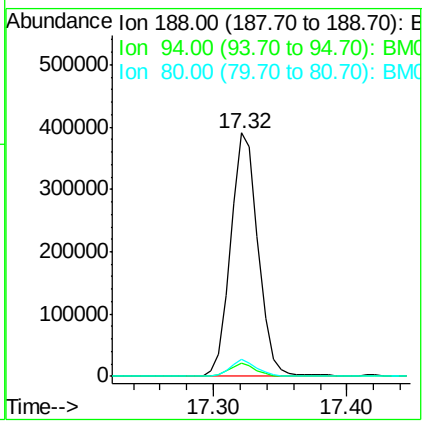


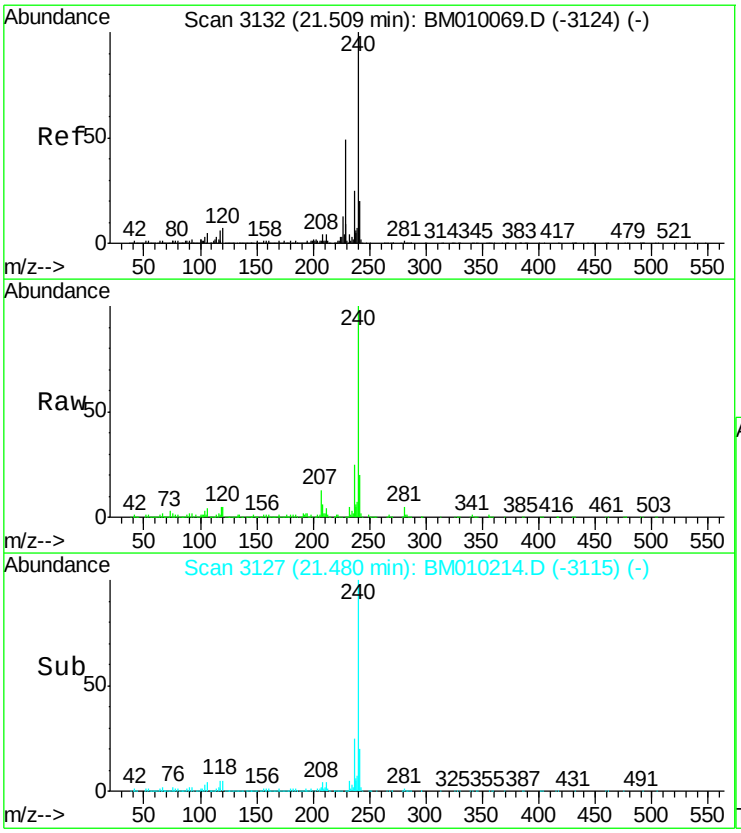
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion:188 Resp: 560314

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.7	13.1#
80	6.8	9.3	13.9#

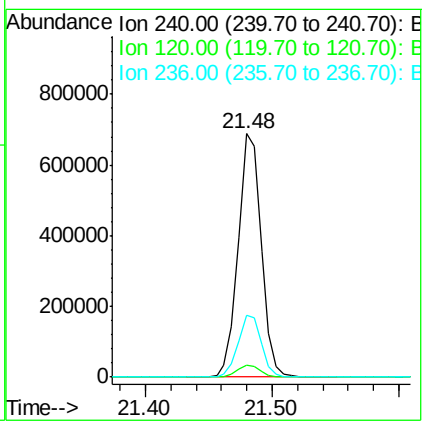


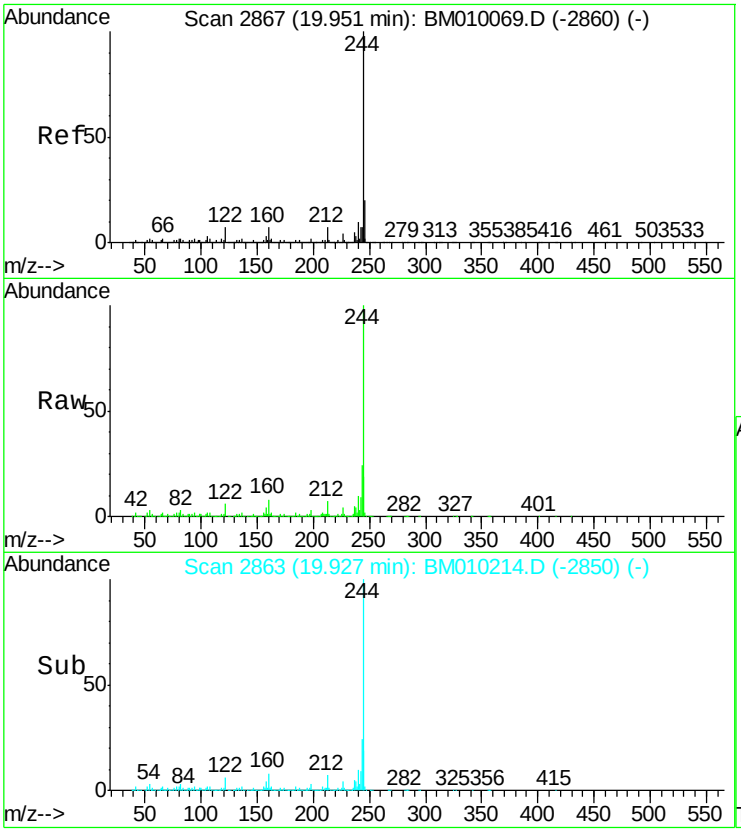


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:240 Resp: 863630

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	25.2	20.0	30.0



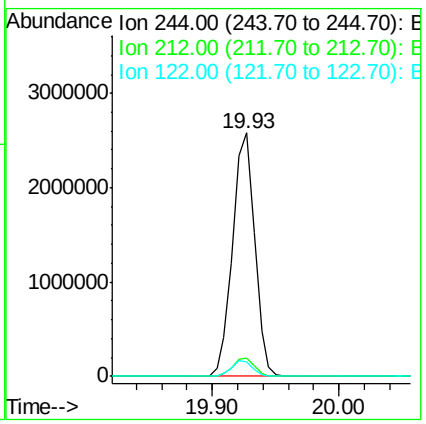


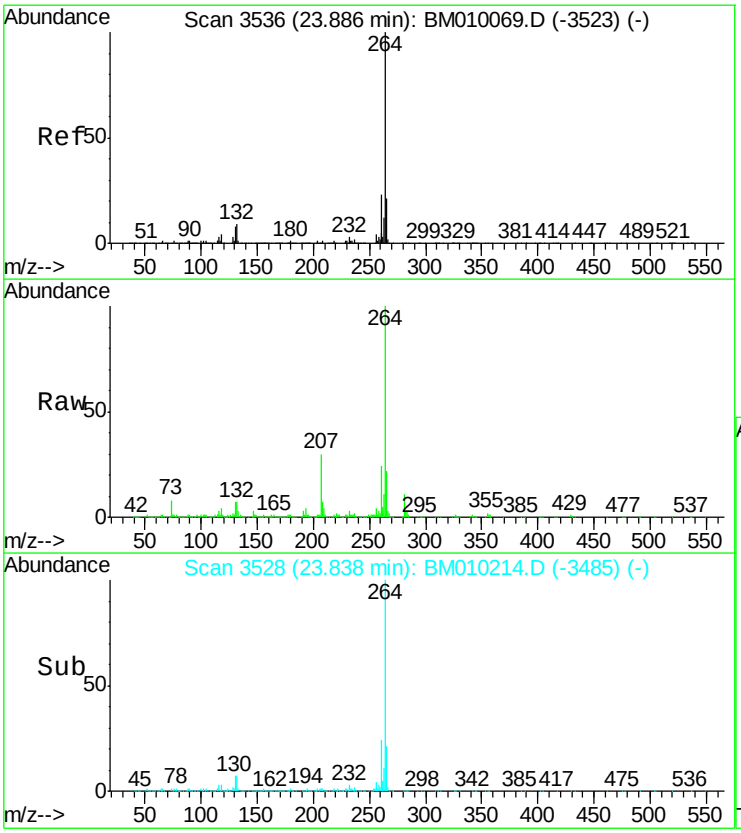
#78
Terphenyl-d14
Concen: 81.40 ng
RT: 19.93 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Instrument :
BNA_M
ClientSampleId :
PB99246BL

Tgt Ion:244 Resp: 3091706

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010214.D
Acq: 25 May 2017 13:20

Tgt Ion:264 Resp: 1033442

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.1	17.3	25.9