Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010258.D
Acq On : 26 May 2017 15:47
Operator : SJ/MA
Sample : I3345-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUCT-BANK

Quant Time: May 27 00:38:01 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	7.94	152	112772	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	370170	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	228121	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	546800	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	820157	20.00	ng	-0.03
86) Perylene-d12	23.83	264	702424	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	884022	141.56	ng	-0.03
7) Phenol-d6	7.13	99	969323	120.63	ng	-0.04
23) Nitrobenzene-d5	9.13	82	784323	114.31	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	537903	155.25	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1981361	111.66	ng	-0.04
78) Terphenyl-d14	19.92	244	3294531	91.34	ng	-0.03
Target Compounds						Qvalue

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

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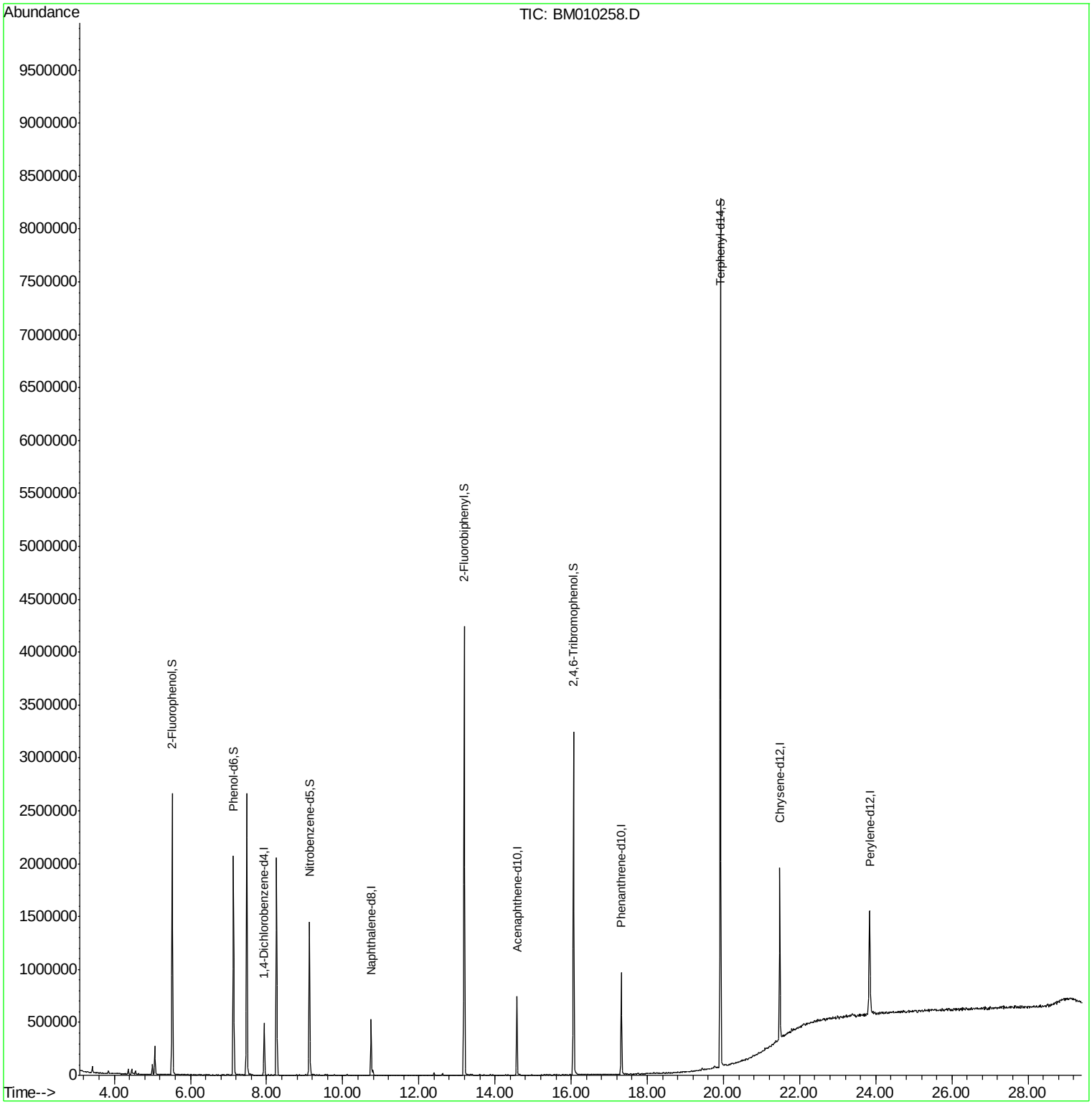
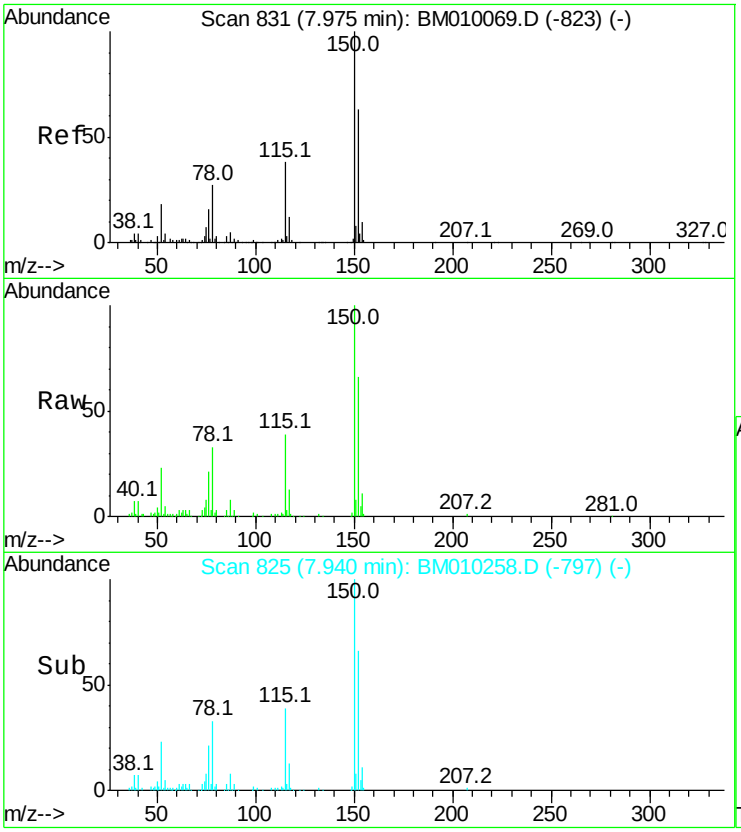


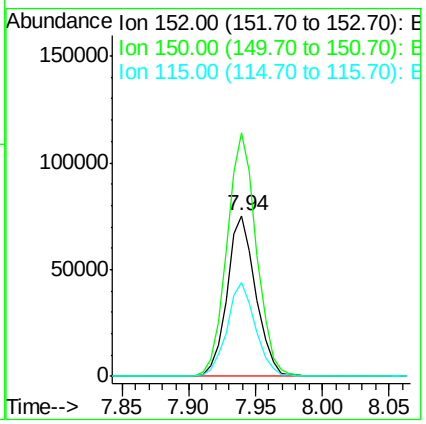


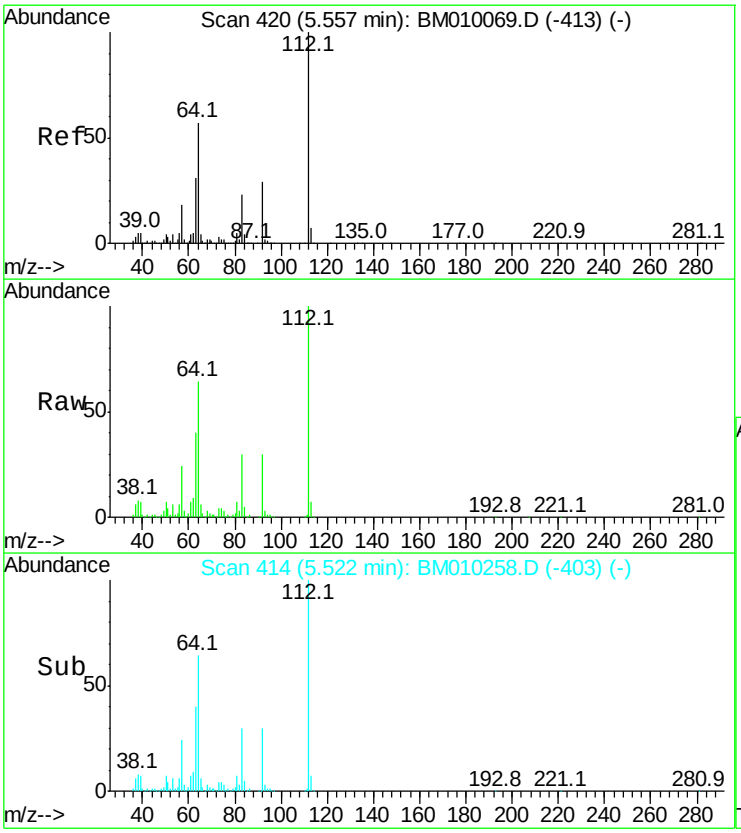
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion:152 Resp: 112772

Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	58.8	43.0	64.4

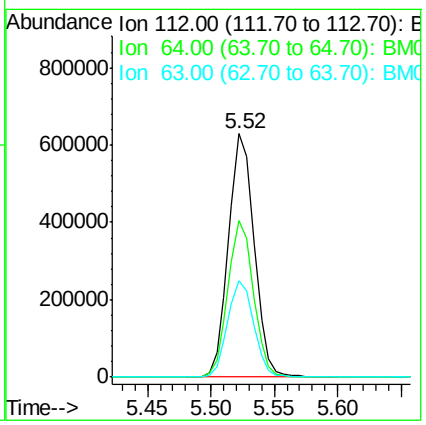


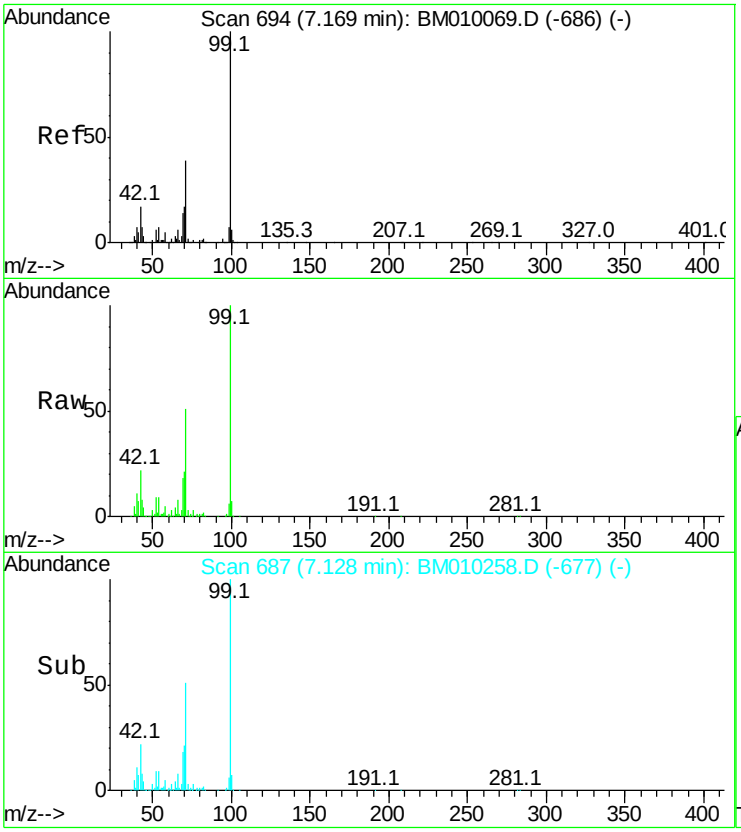


#5
2-Fluorophenol
Concen: 141.56 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:112 Resp: 884022

Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	39.6	19.3	28.9#



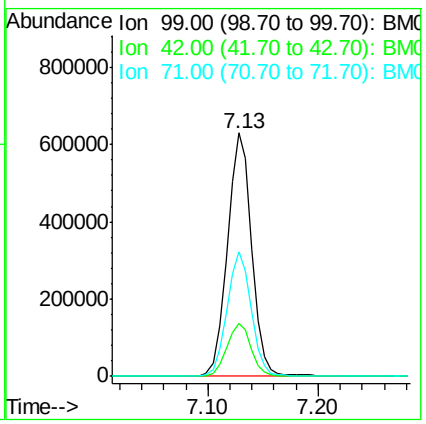


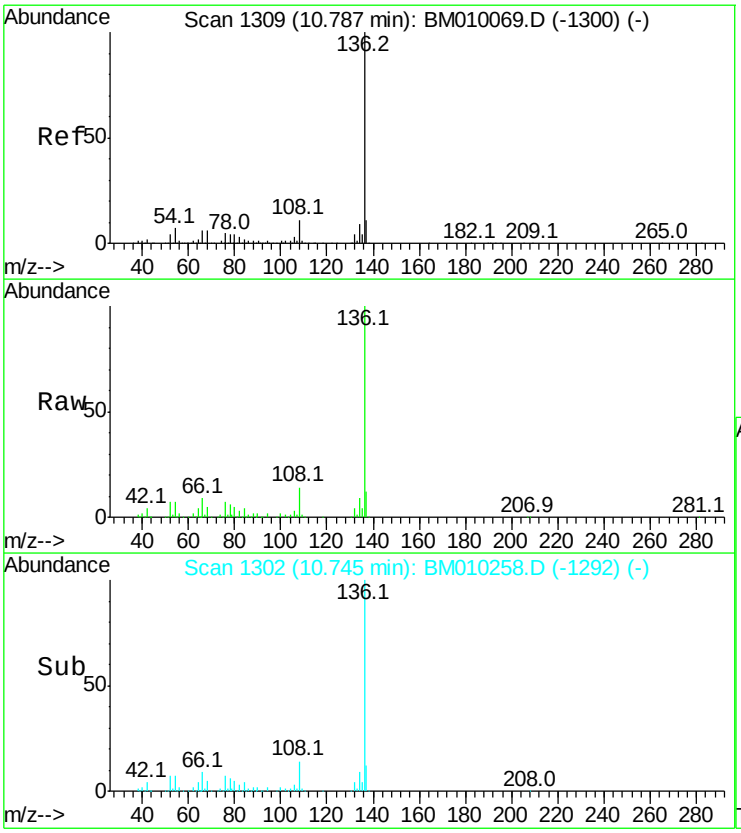
#7
Phenol-d6
Concen: 120.63 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion: 99 Resp: 969323

Ion	Ratio	Lower	Upper
99	100		
42	21.5	11.0	16.4#
71	51.2	23.4	35.2#

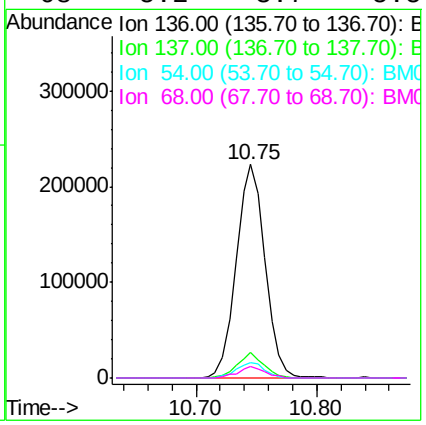


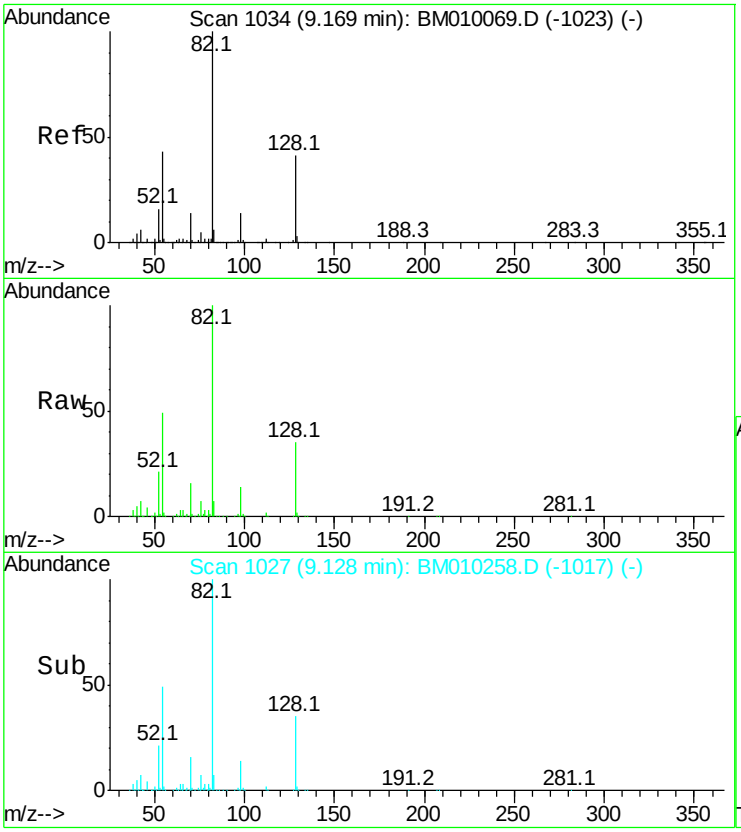


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:136 Resp: 370170

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	7.3	4.6	6.8#
68	5.2	3.7	5.5



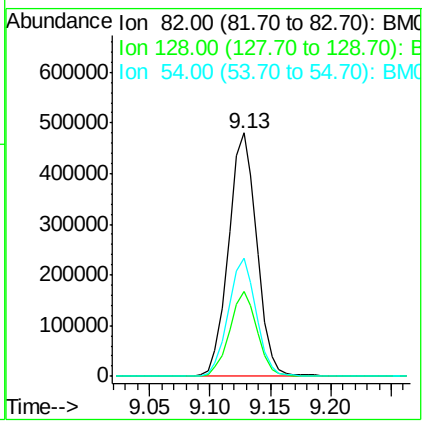


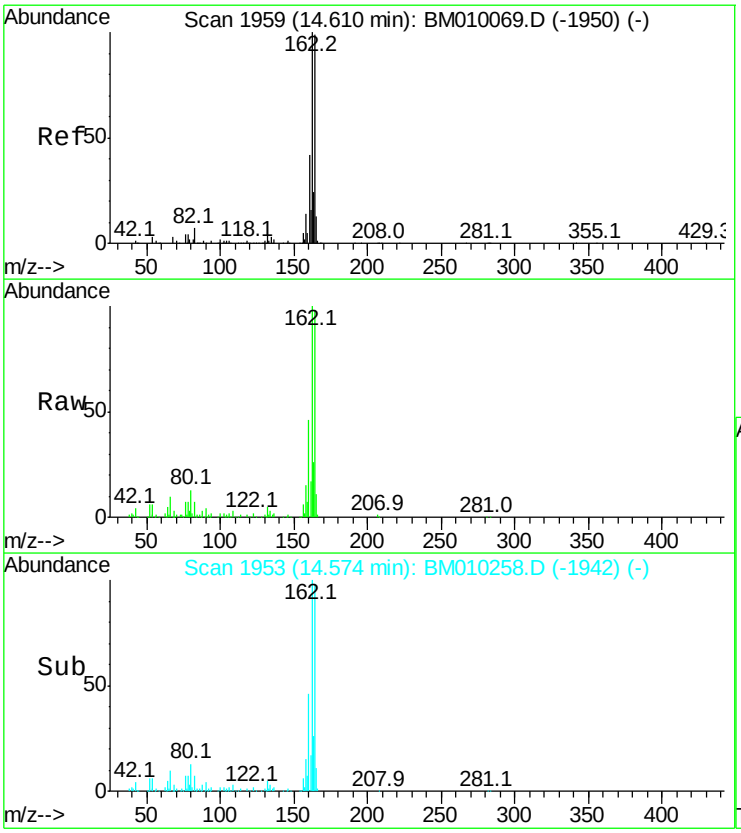
#23
Nitrobenzene-d5
Concen: 114.31 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion: 82 Resp: 784323

Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	48.6	40.6	60.8

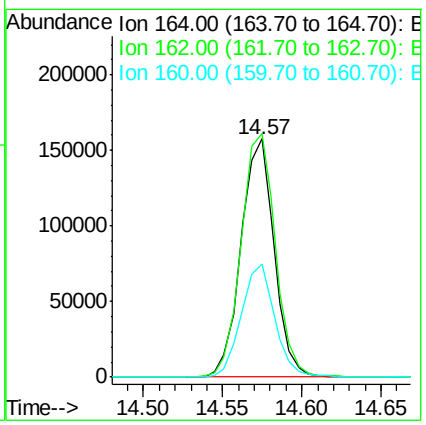


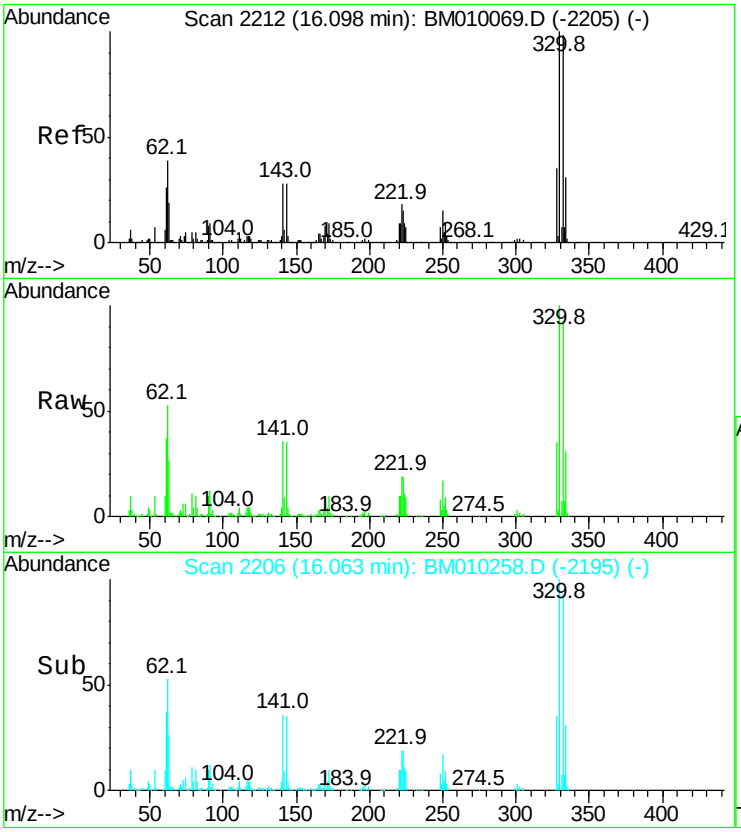


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:164 Resp: 228121

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	47.5	35.8	53.6



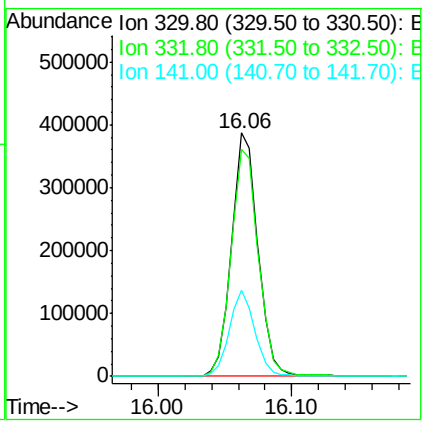


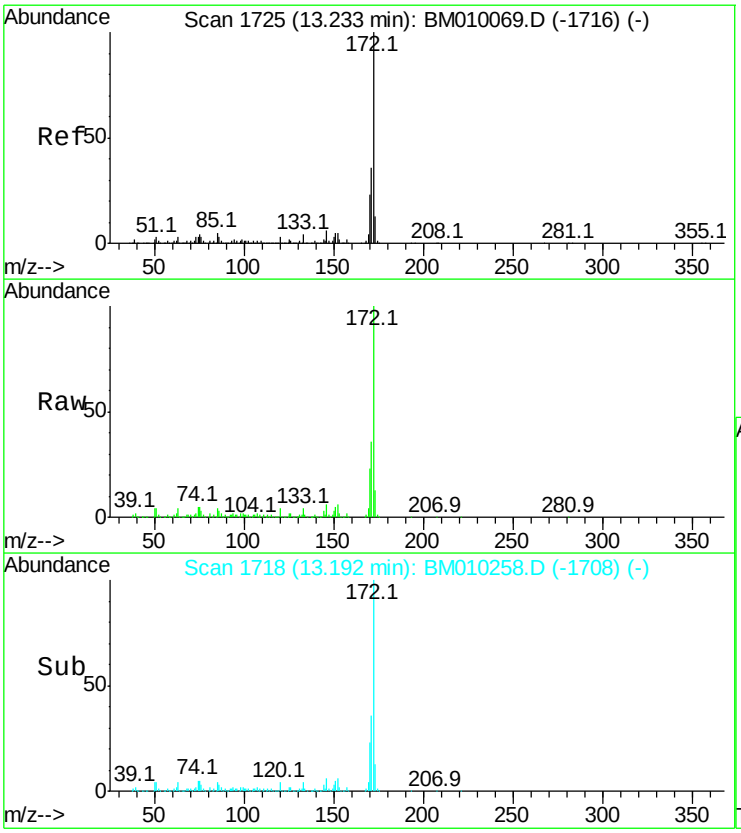
#41
2,4,6-Tribromophenol
Concen: 155.25 ng
RT: 16.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion:330 Resp: 537903

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	34.3	0.0	0.0#

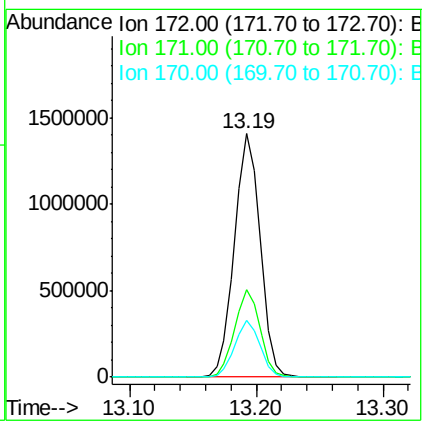


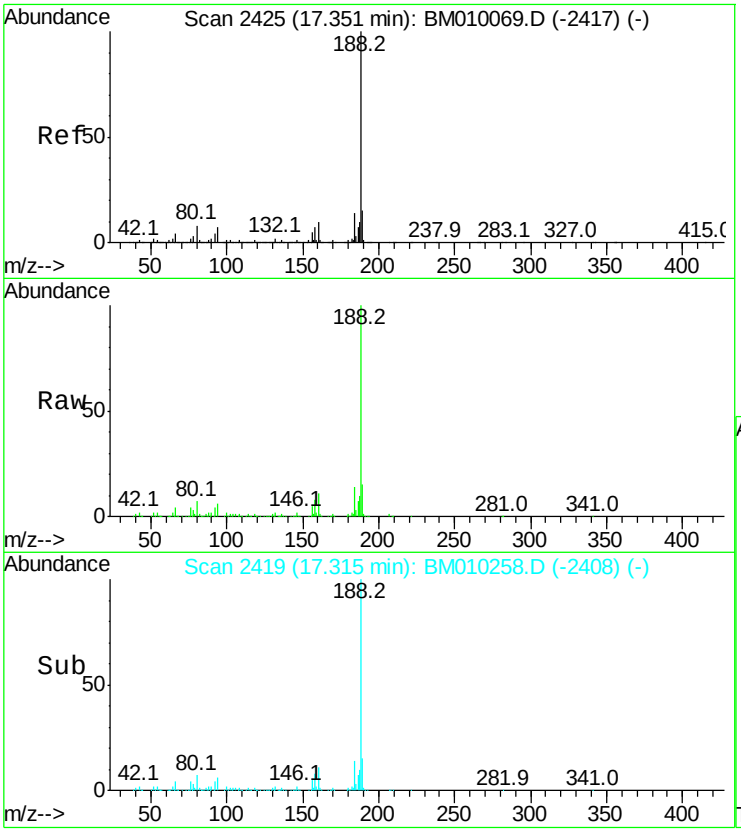


#44
2-Fluorobiphenyl
Concen: 111.66 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:172 Resp: 1981361

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.2	18.8	28.2



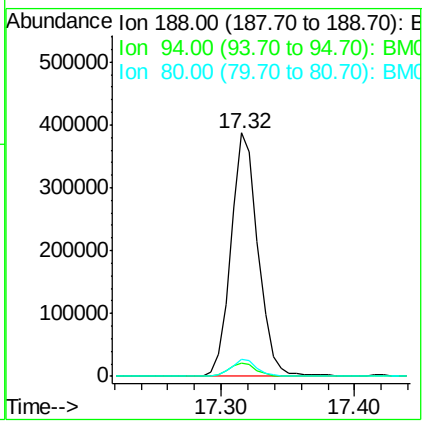


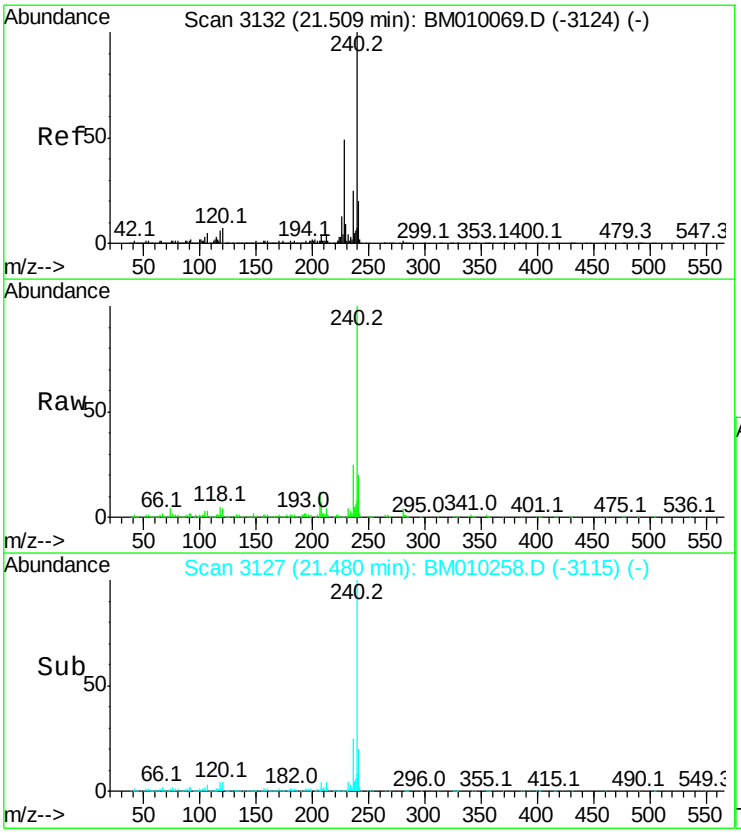
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion:188 Resp: 546800

Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	7.1	9.3	13.9#

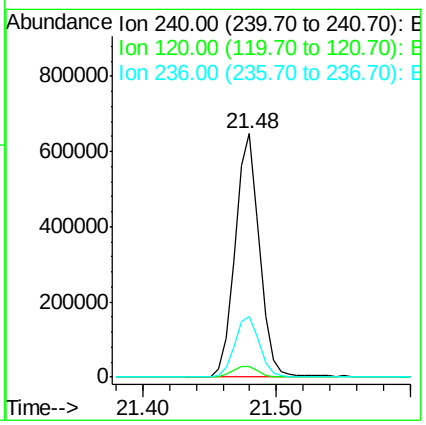


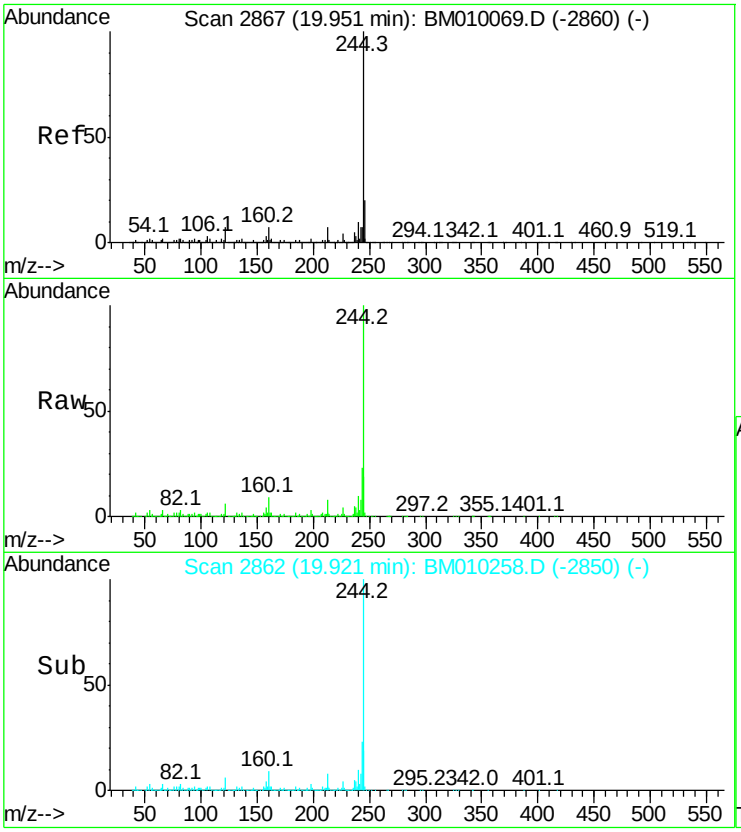


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:240 Resp: 820157

Ion	Ratio	Lower	Upper
240	100		
120	4.4	8.2	12.2#
236	25.0	20.0	30.0



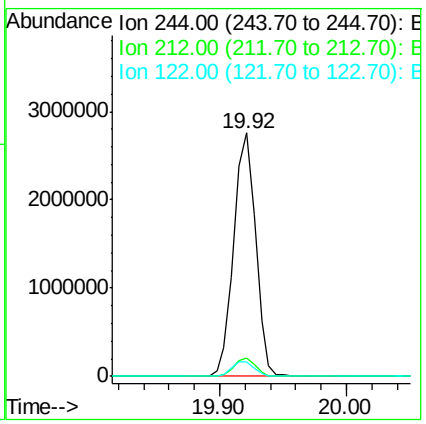


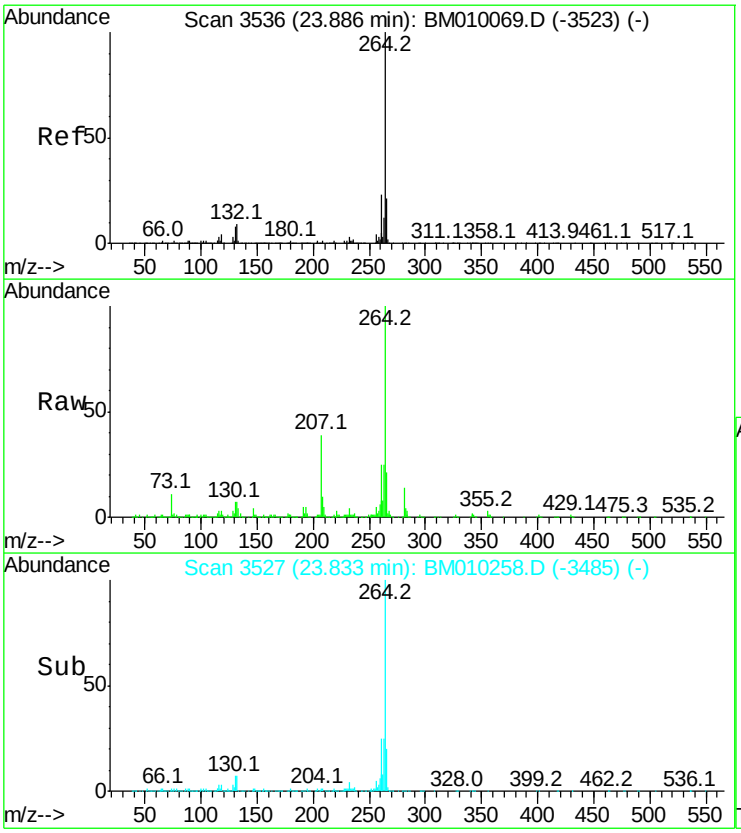
#78
Terphenyl-d14
Concen: 91.34 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Instrument :
BNA_M
ClientSampleId :
DUCT-BANK

Tgt Ion:244 Resp: 3294531

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	6.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010258.D
Acq: 26 May 2017 15:47

Tgt Ion:264 Resp: 702424

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	21.4	17.3	25.9