Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010260.D
Acq On : 26 May 2017 16:59
Operator : SJ/MA
Sample : I3348-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VNJ-225/289/330/139/15532/VNJ-23

Quant Time: May 27 00:43:43 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	108889	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	329759	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	70467	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	232836	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	60506	20.00	ng	-0.03
86) Perylene-d12	23.83	264	4454	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	782896	129.84	ng	-0.04
7) Phenol-d6	7.13	99	378900	48.83	ng	-0.04
23) Nitrobenzene-d5	9.13	82	741679	121.35	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	487717	455.70	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1844962	336.59	ng	-0.04
78) Terphenyl-d14	19.92	244	1108116	416.43	ng	-0.03
Target Compounds						Qvalue

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

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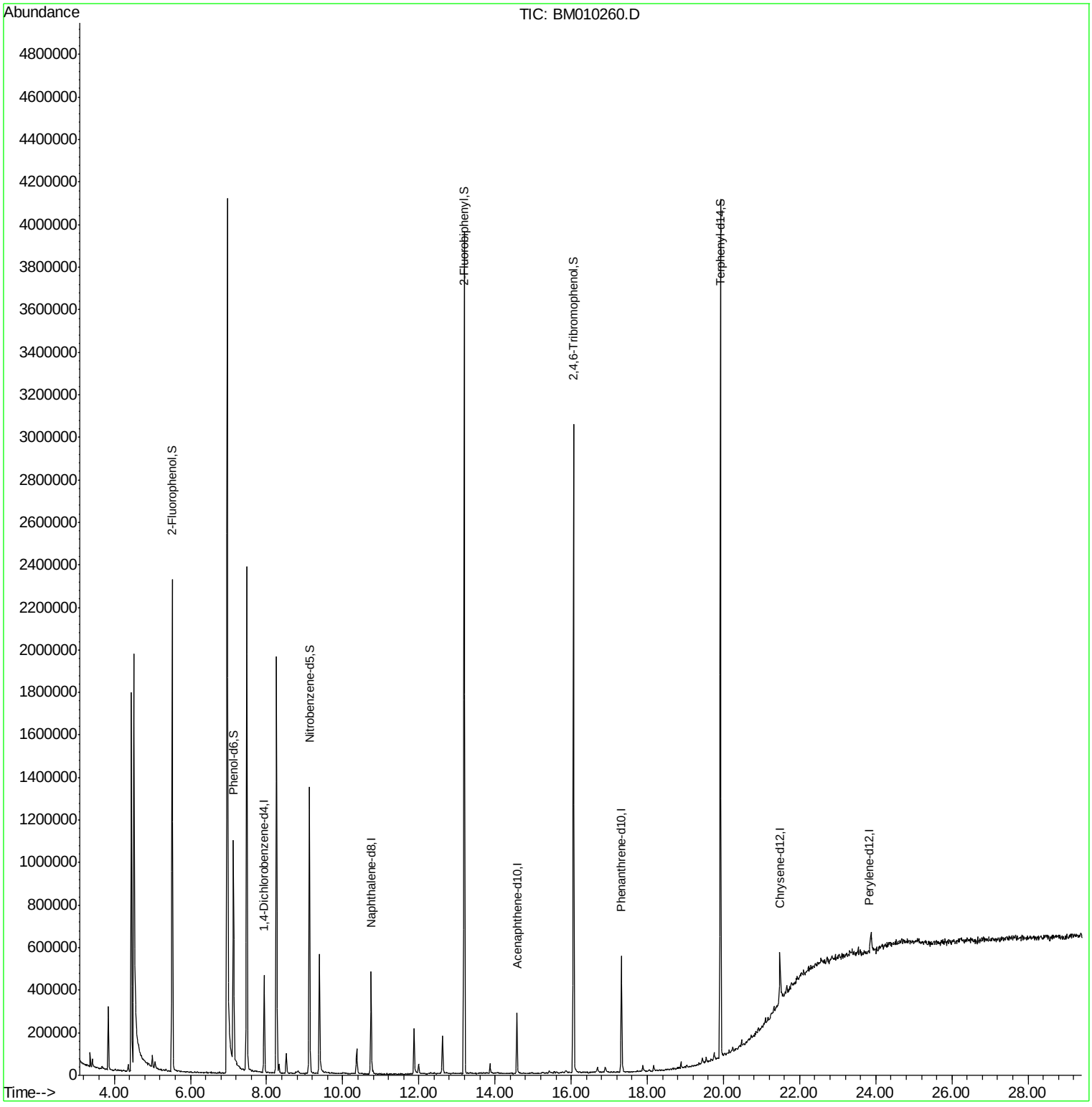
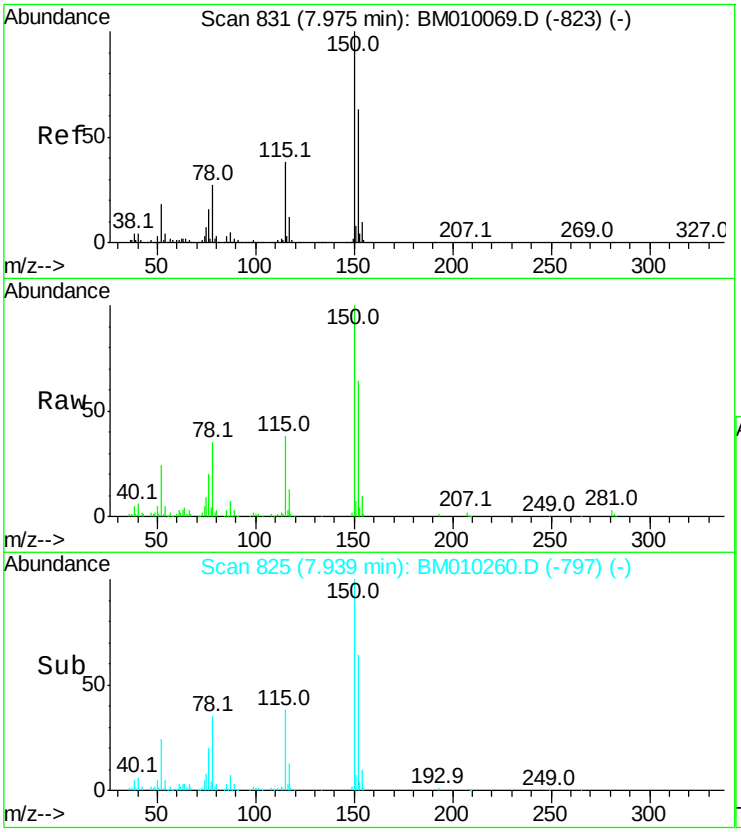


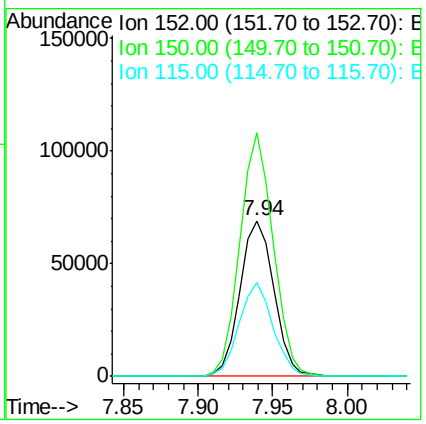


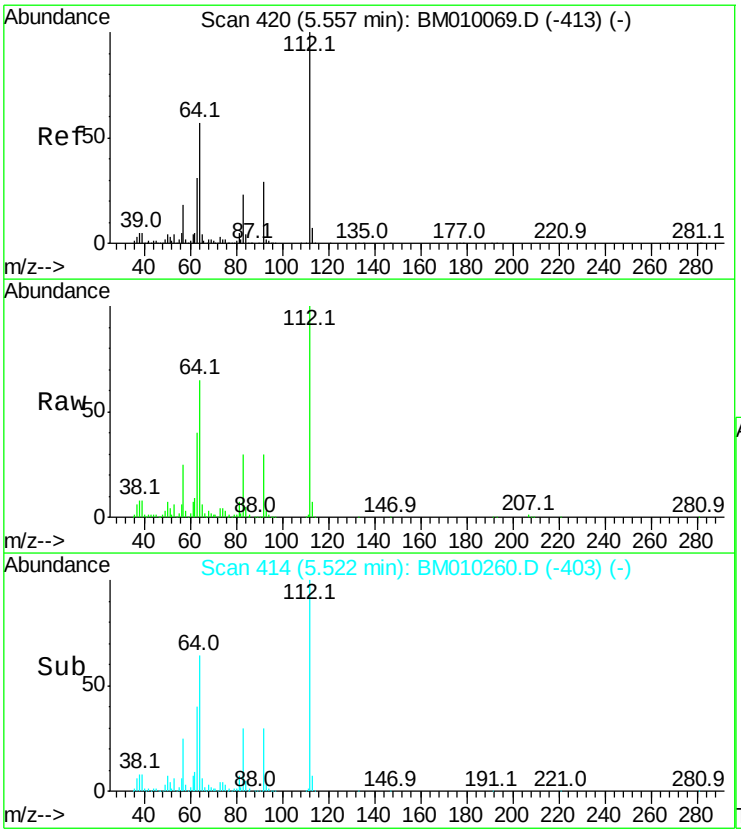
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion:152 Resp: 108889

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	60.2	43.0	64.4

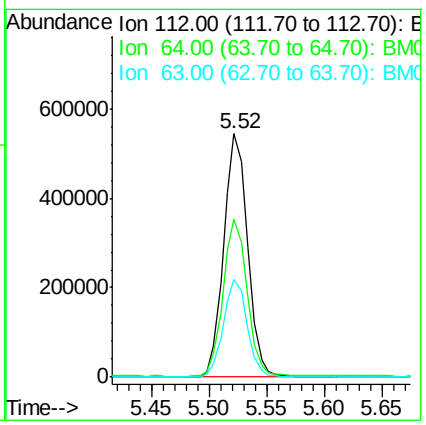


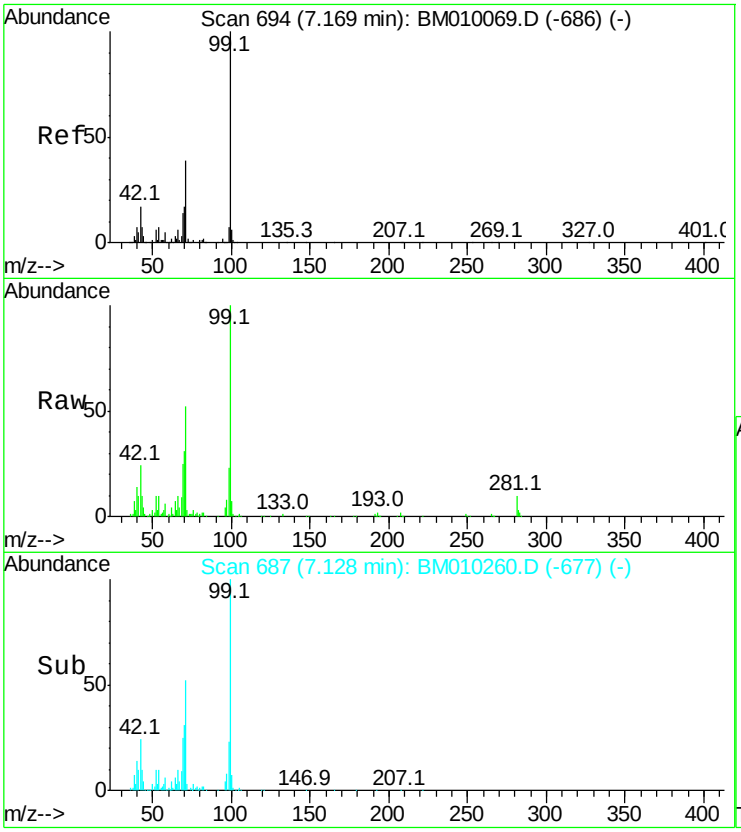


#5
2-Fluorophenol
Concen: 129.84 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:112 Resp: 782896

Ion	Ratio	Lower	Upper
112	100		
64	64.6	38.6	57.8#
63	40.2	19.3	28.9#



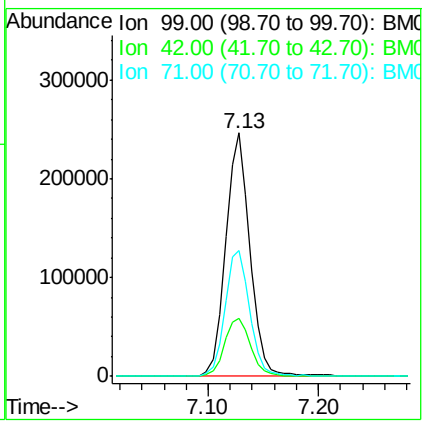


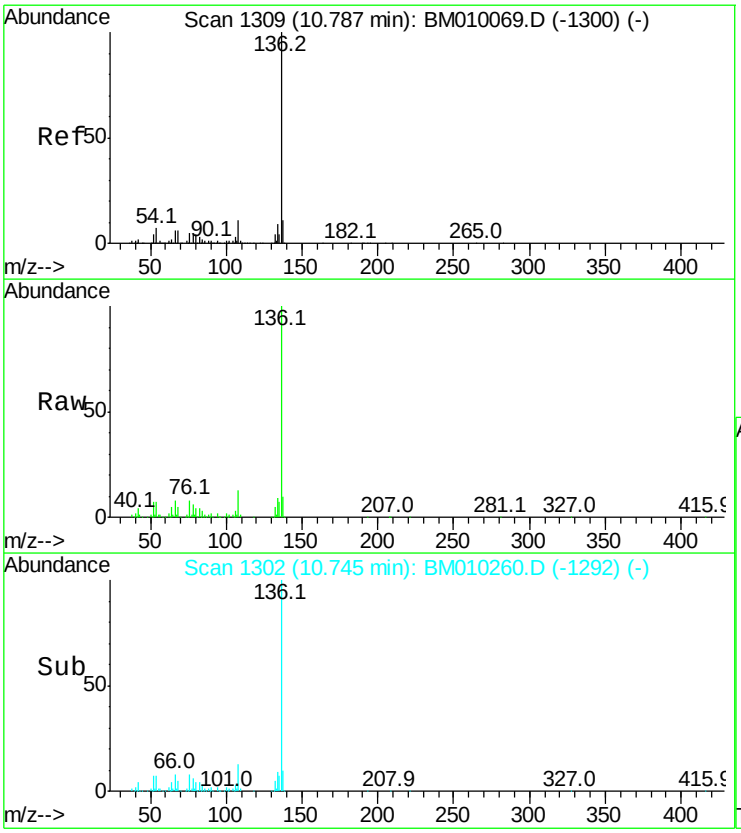
#7
Phenol-d6
Concen: 48.83 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion: 99 Resp: 378900

Ion	Ratio	Lower	Upper
99	100		
42	24.0	11.0	16.4#
71	51.9	23.4	35.2#

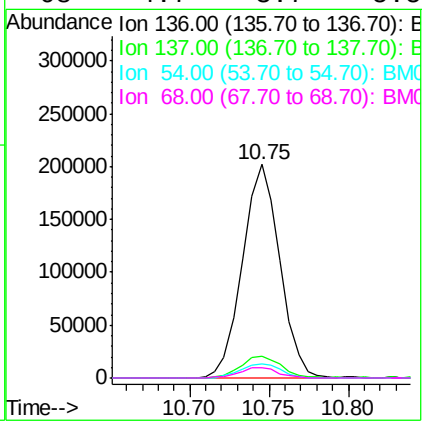


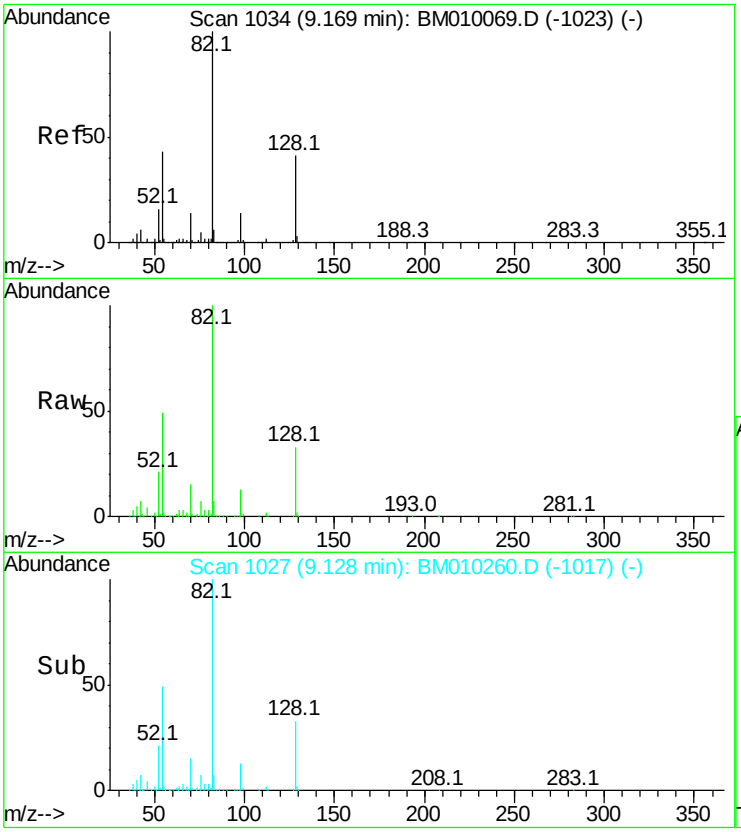


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:136 Resp: 329759

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	6.9	4.6	6.8#
68	4.7	3.7	5.5



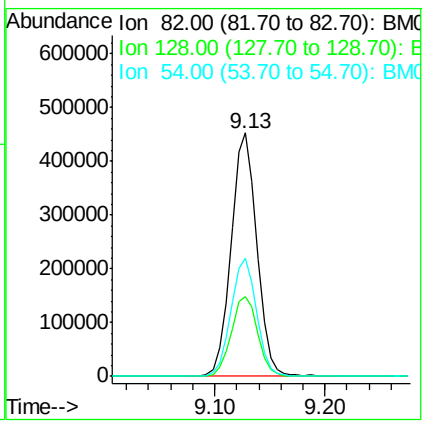


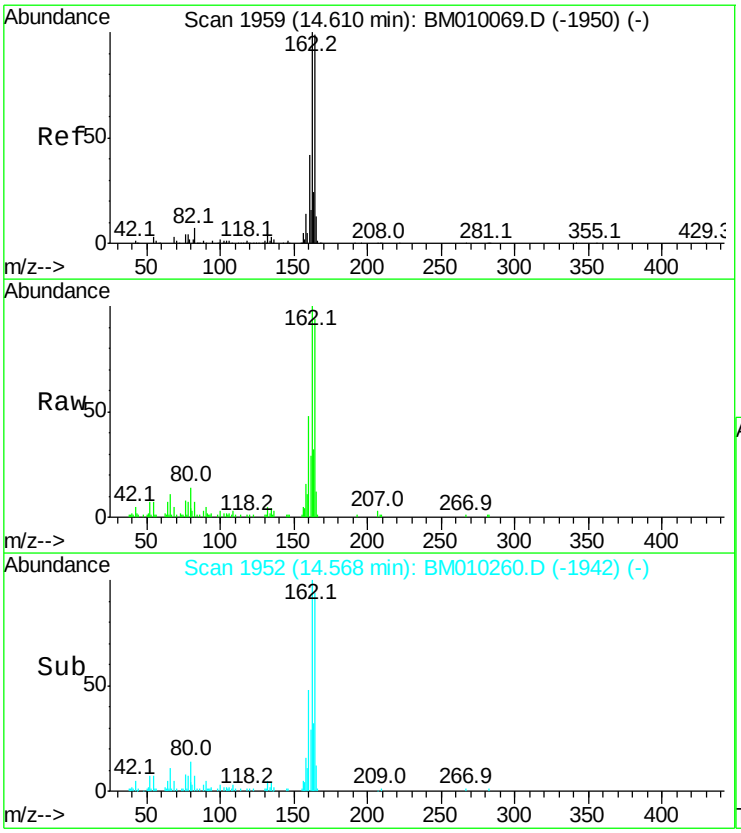
#23
Nitrobenzene-d5
Concen: 121.35 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion: 82 Resp: 741679

Ion	Ratio	Lower	Upper
82	100		
128	33.0	32.8	49.2
54	48.7	40.6	60.8

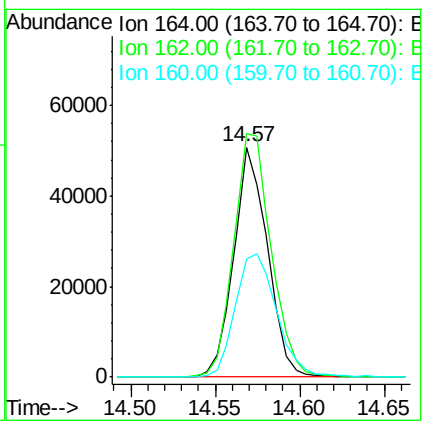


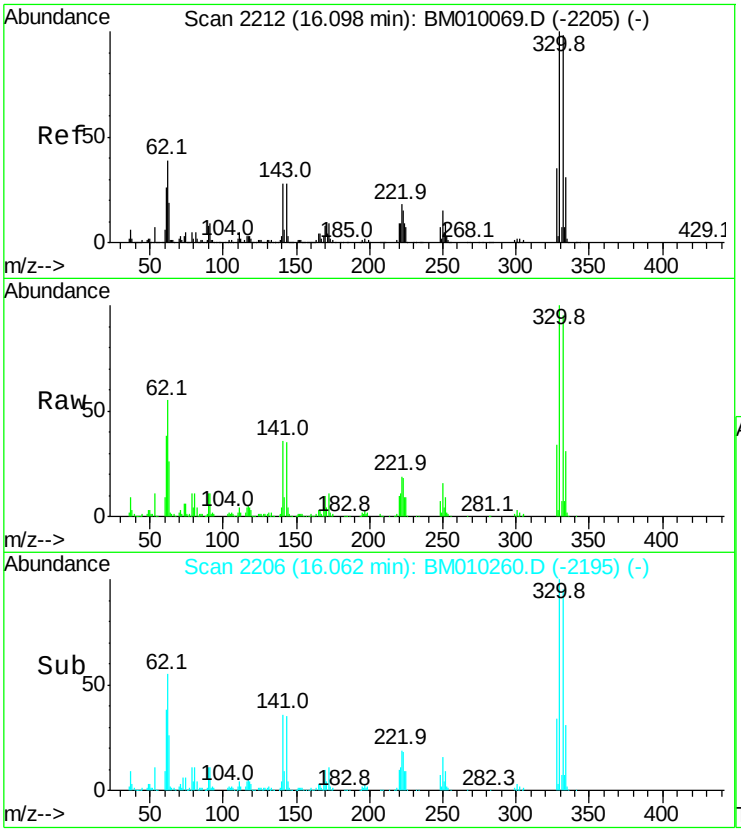


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:164 Resp: 70467

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	51.2	35.8	53.6



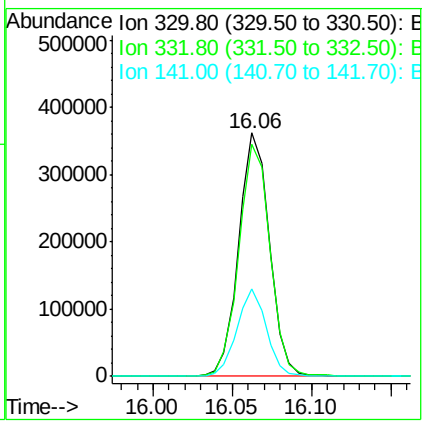


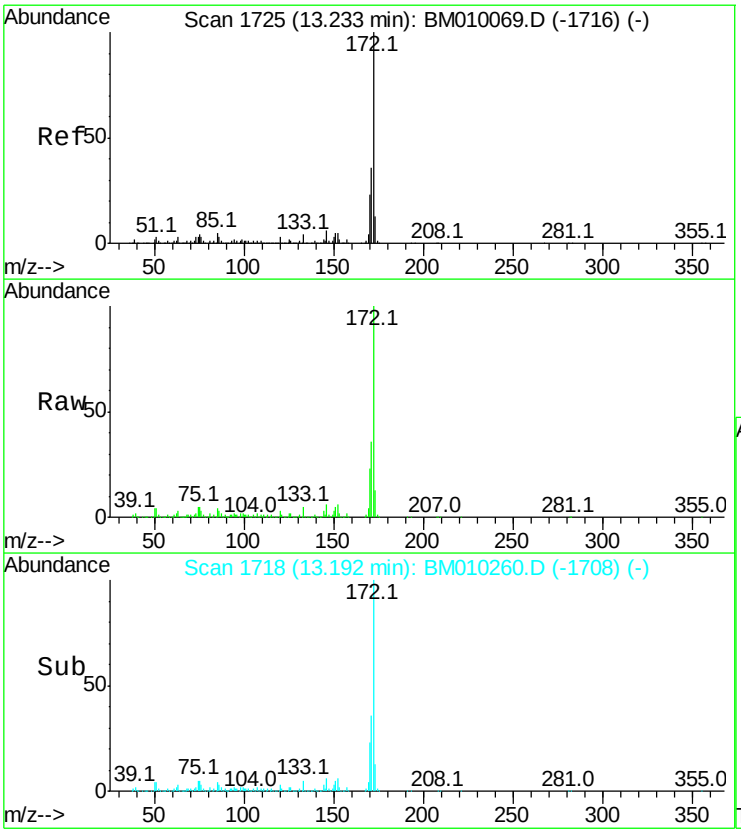
#41
2,4,6-Tribromophenol
Concen: 455.70 ng
RT: 16.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion:330 Resp: 487717

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	34.8	0.0	0.0#

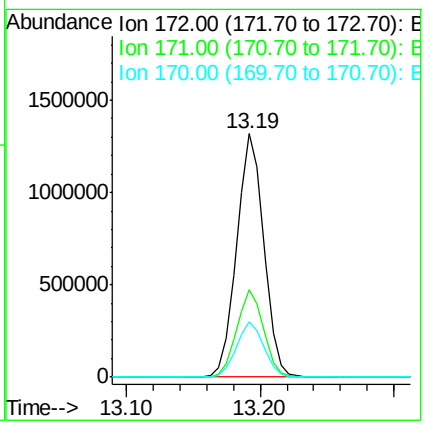


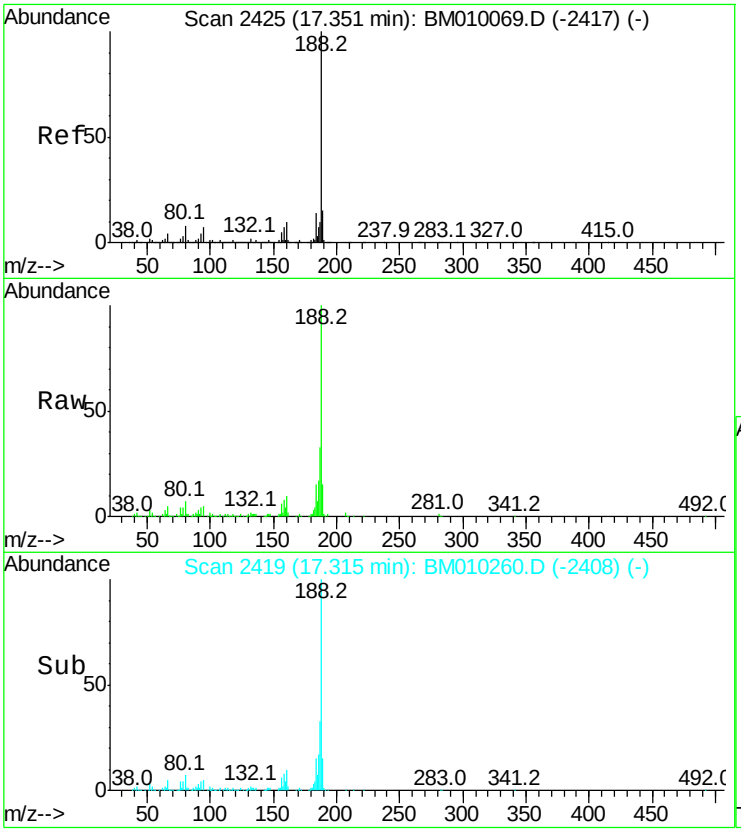


#44
2-Fluorobiphenyl
Concen: 336.59 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:172 Resp: 1844962

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.0	18.8	28.2



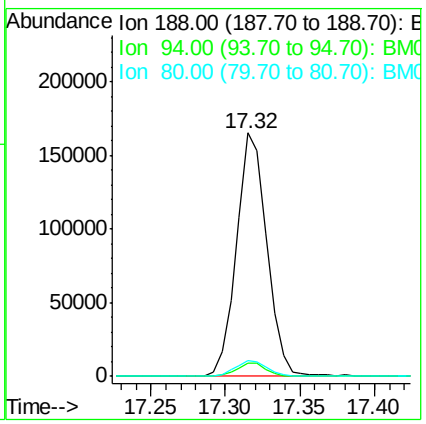


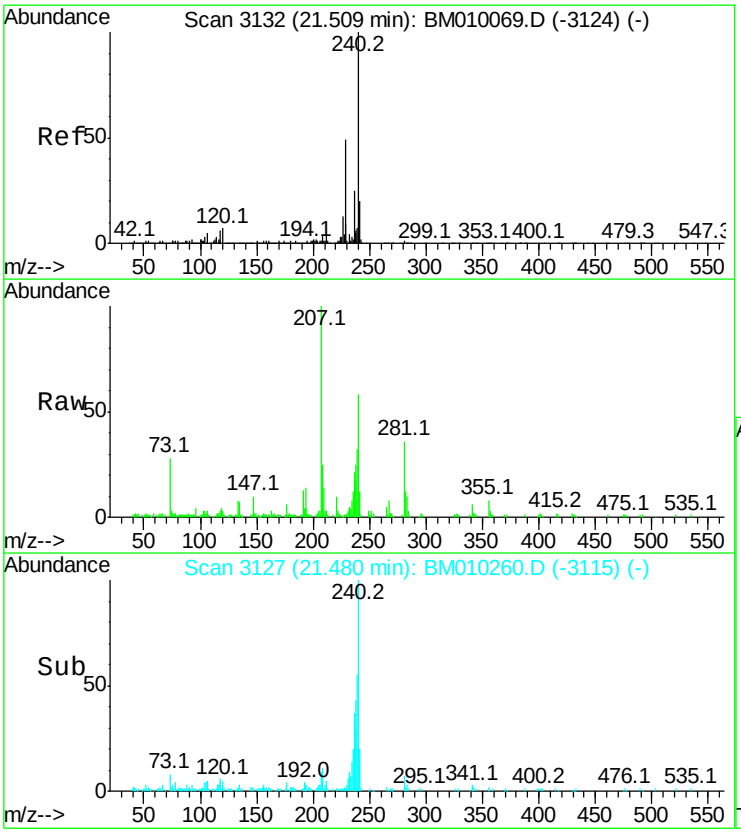
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion:188 Resp: 232836

Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	6.7	9.3	13.9#

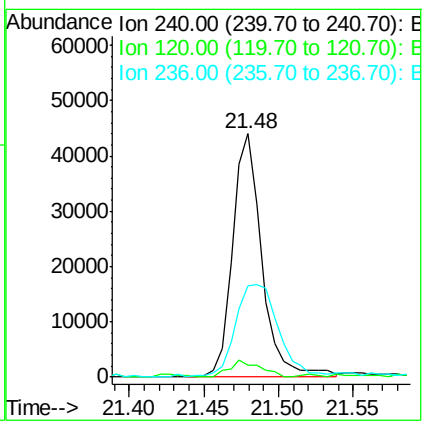


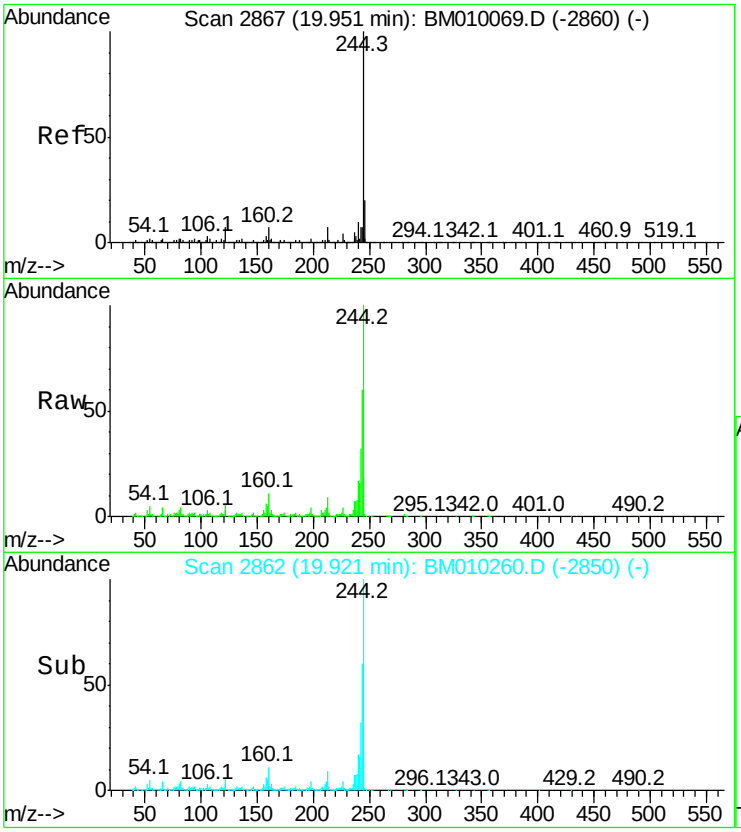


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:240 Resp: 60506

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.2	12.2#
236	37.3	20.0	30.0#



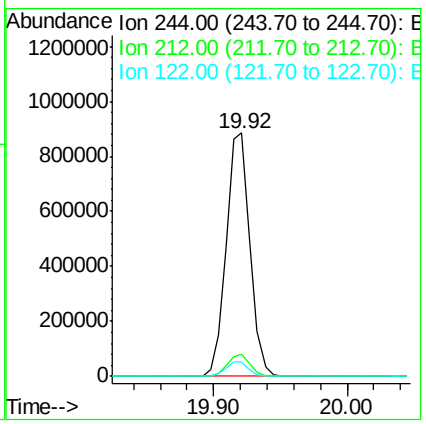


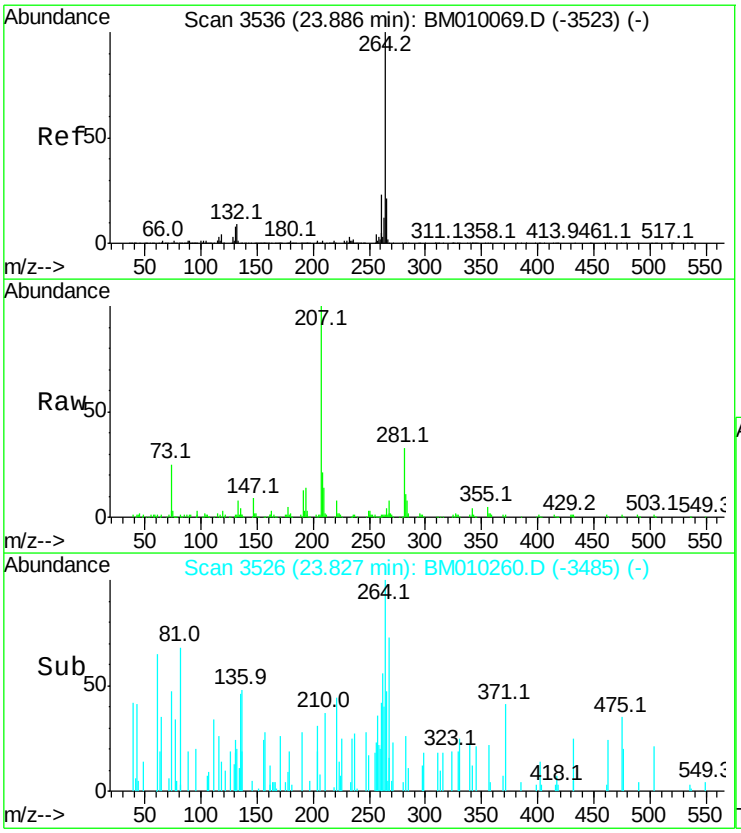
#78
Terphenyl-d14
Concen: 416.43 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Instrument :
BNA_M
ClientSampleId :
VNJ-225/289/330/139/15532/VNJ-23

Tgt Ion:244 Resp: 1108116

Ion	Ratio	Lower	Upper
244	100		
212	8.9	4.9	7.3#
122	5.8	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3526
Delta R.T. -0.06 min
Lab File: BM010260.D
Acq: 26 May 2017 16:59

Tgt Ion:264 Resp: 4454

Ion	Ratio	Lower	Upper
264	100		
260	41.6	18.6	27.8#
265	316.9	17.3	25.9#