Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090717\
Data File : BM011464.D
Acq On : 07 Sep 2017 20:53
Operator : SJ/JU
Sample : I5133-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VNJ-204

Quant Time: Sep 08 07:50:22 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	7.98	152	518227	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2148411	20.00	ng		-0.02
38) Acenaphthene-d10	14.61	164	1127361	20.00	ng		-0.02
63) Phenanthrene-d10	17.34	188	2400528	20.00	ng		-0.02
75) Chrysene-d12	21.51	240	2582519	20.00	ng		-0.02
86) Perylene-d12	23.89	264	2182643	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	4287957	139.28	ng		0.00
7) Phenol-d6	7.13	99	4834121	113.24	ng		0.00
23) Nitrobenzene-d5	9.15	82	3540060	108.58	ng		-0.01
41) 2,4,6-Tribromophenol	16.09	330	1884378	144.47	ng		-0.02
44) 2-Fluorobiphenyl	13.23	172	8105618	103.64	ng		-0.02
78) Terphenyl-d14	19.96	244	10011339	96.19	ng		-0.02
Target Compounds							Qvalue
32) Benzoic acid	9.99	122	13717	7.053	ng		100
47) 2-Nitroaniline	13.66	65	112	5.442	ng	#	1
56) 2,4-Dinitrotoluene	14.93	165	247	5.148	ng	#	11
76) Benzidine	19.58	184	453716	8.902	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090717\
Data File : BM011464.D
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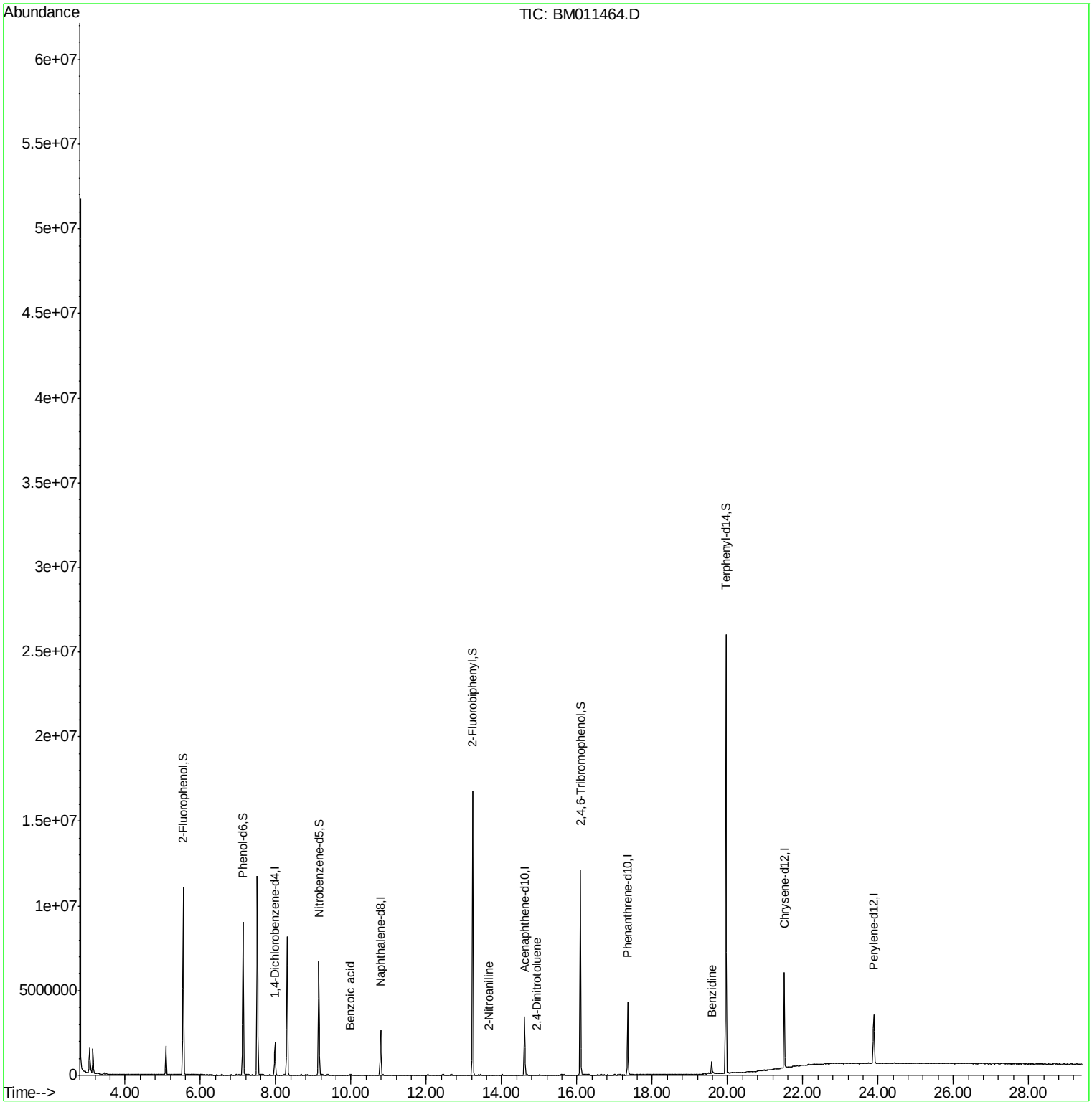
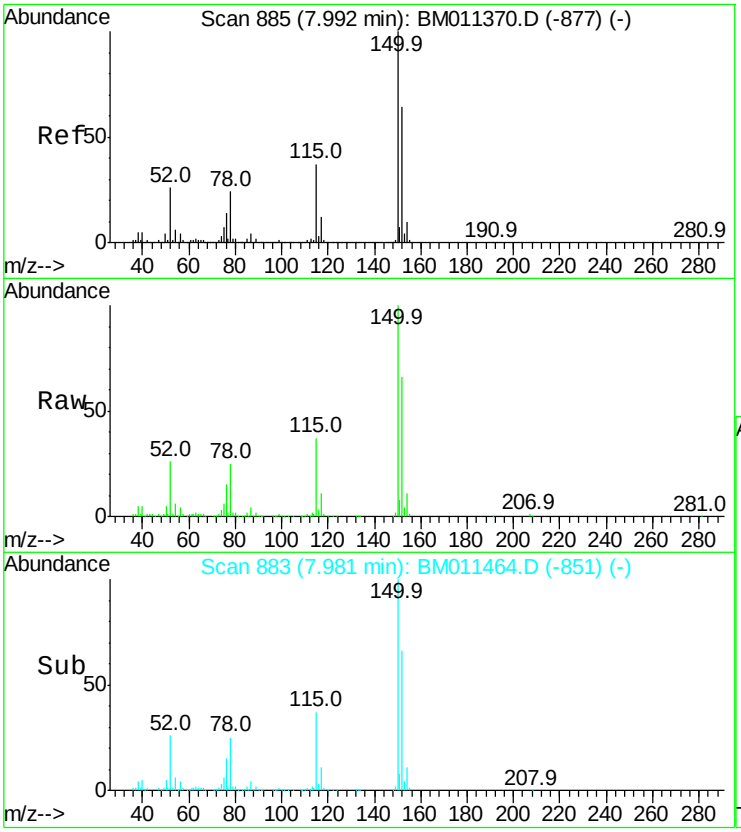


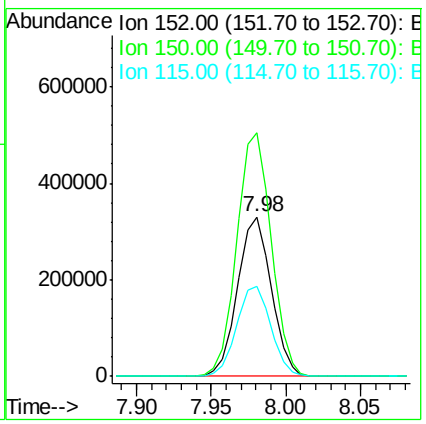


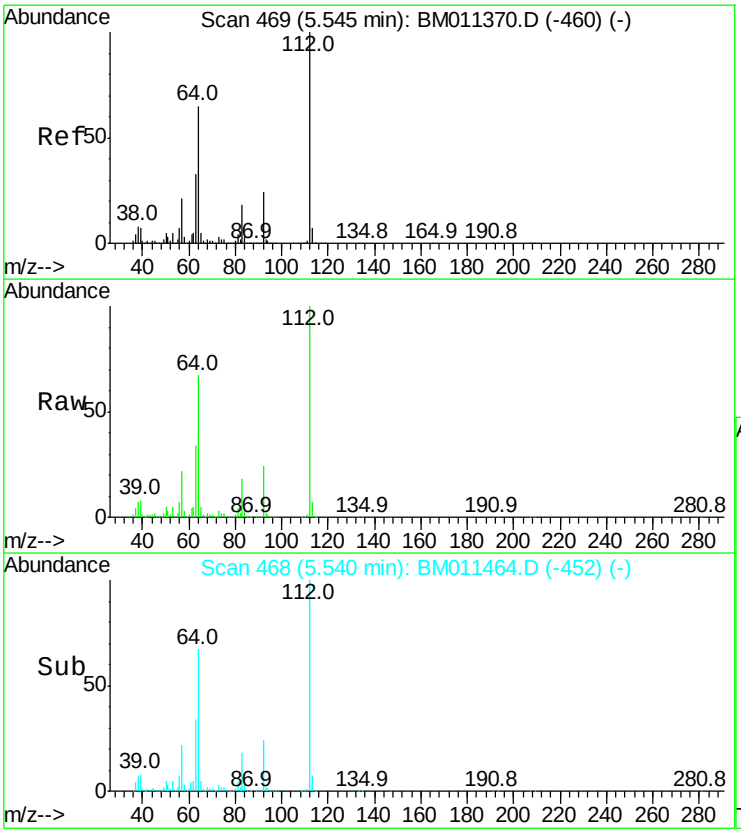
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:152 Resp: 518227

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	56.2	43.0	64.4

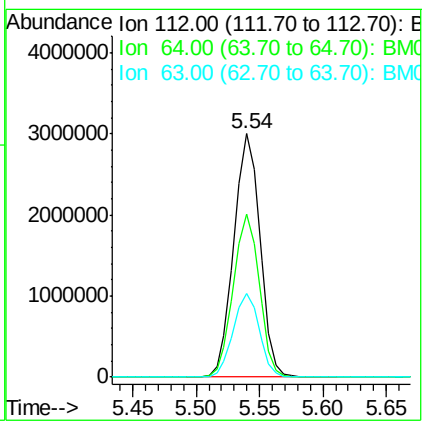


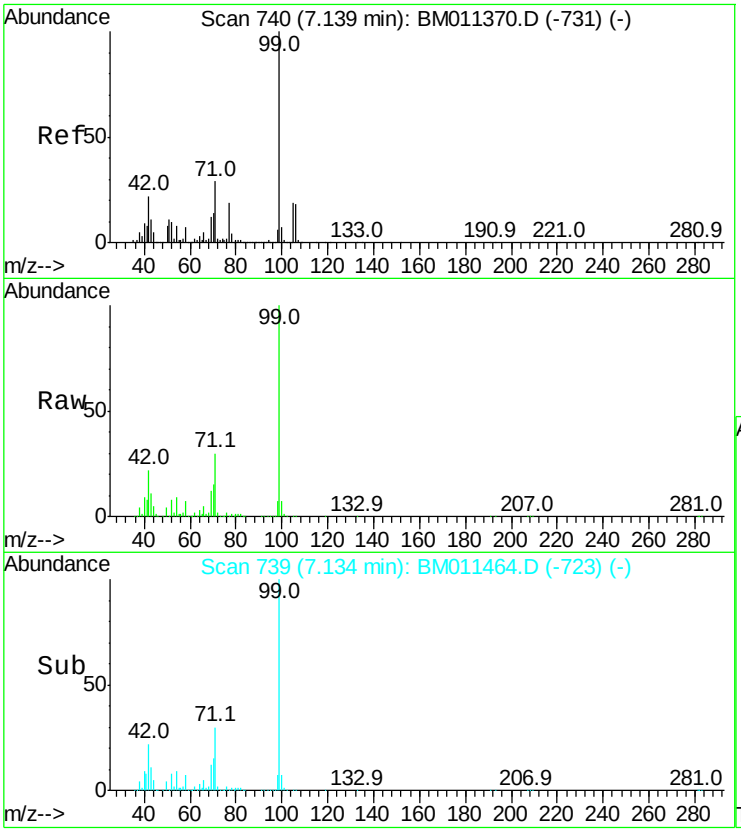


#5
2-Fluorophenol
Concen: 139.279 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:112 Resp: 4287957

Ion	Ratio	Lower	Upper
112	100		
64	66.7	38.6	57.8#
63	34.3	19.3	28.9#



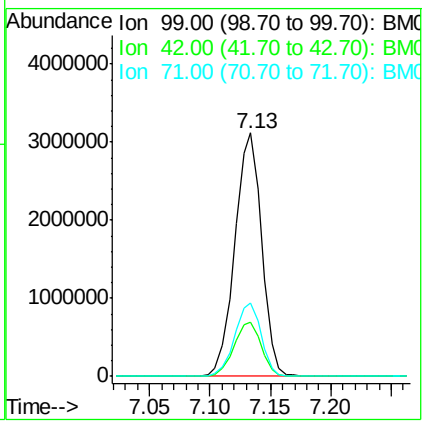


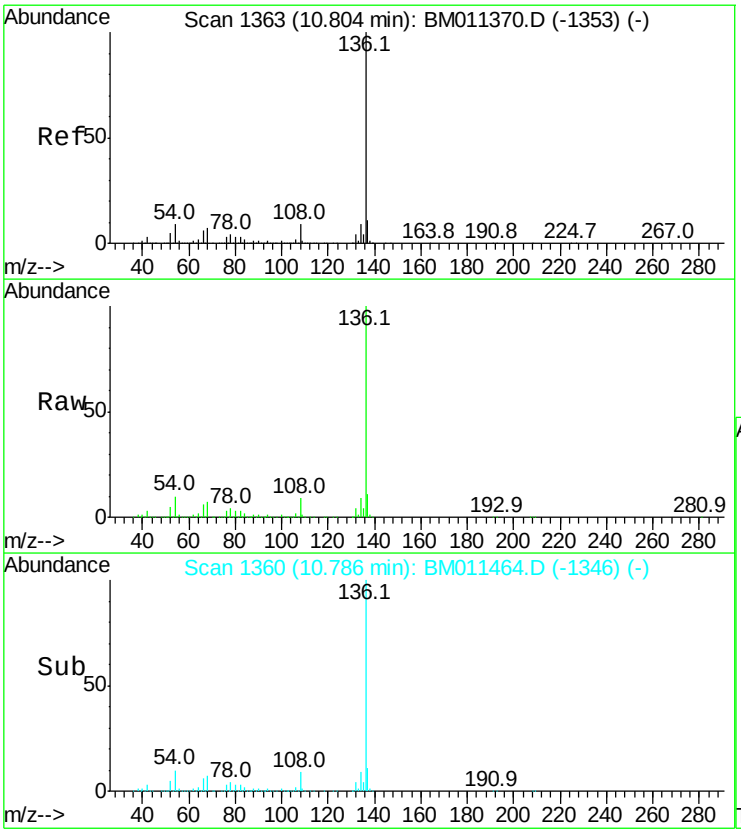
#7
Phenol-d6
Concen: 113.239 ng
RT: 7.13 min Scan# 739
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion: 99 Resp: 4834121

Ion	Ratio	Lower	Upper
99	100		
42	22.4	11.0	16.4#
71	30.2	23.4	35.2

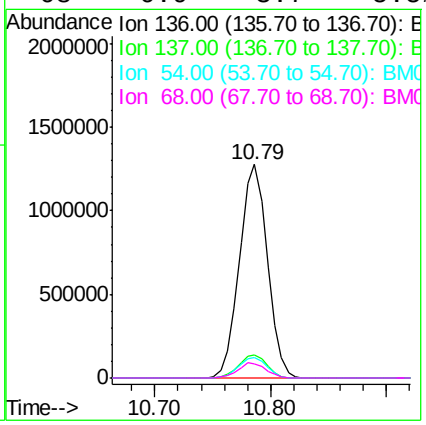


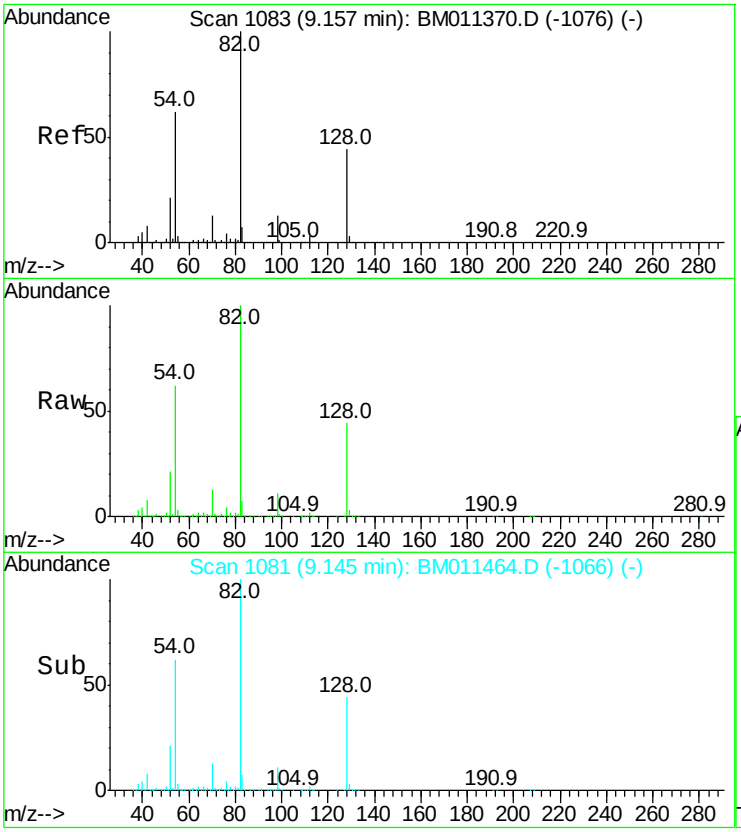


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:136 Resp: 2148411

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.6	4.6	6.8#
68	6.9	3.7	5.5#



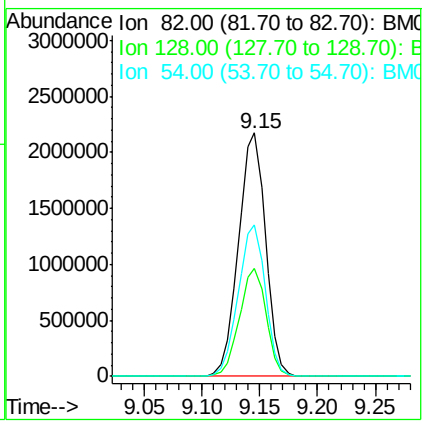


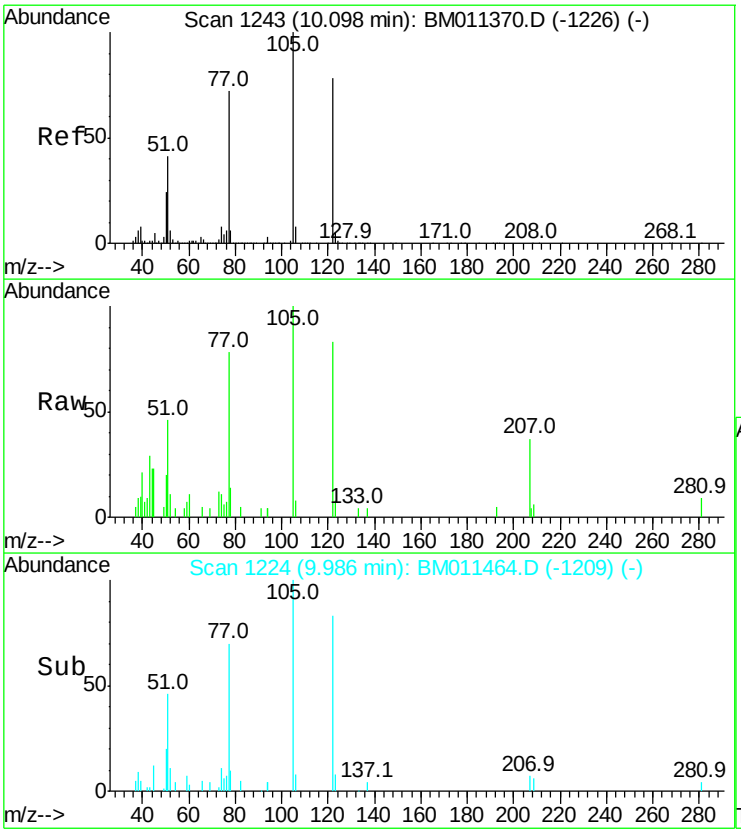
#23
Nitrobenzene-d5
Concen: 108.584 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion: 82 Resp: 3540060

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.8	49.2
54	62.2	40.6	60.8#

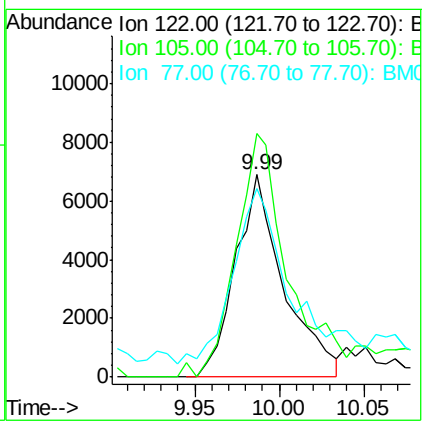


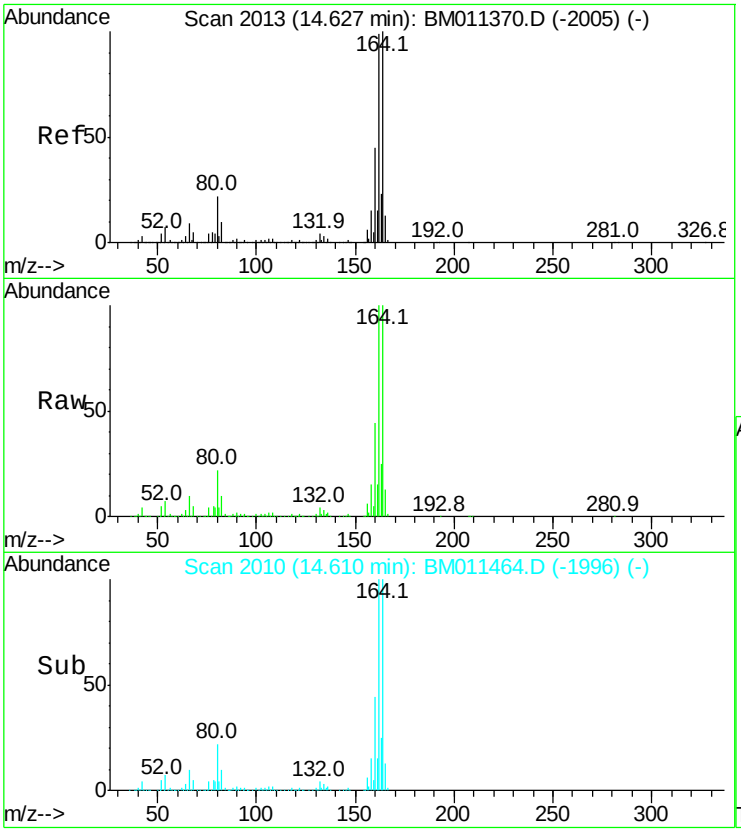


#32
Benzoic acid
Concen: 7.053 ng
RT: 9.99 min Scan# 1224
Delta R.T. -0.11 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:122 Resp: 13717

Ion	Ratio	Lower	Upper
122	100		
105	120.4	99.9	139.9
77	93.4	73.7	113.7



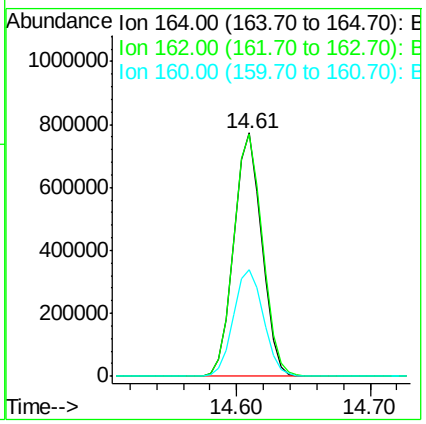


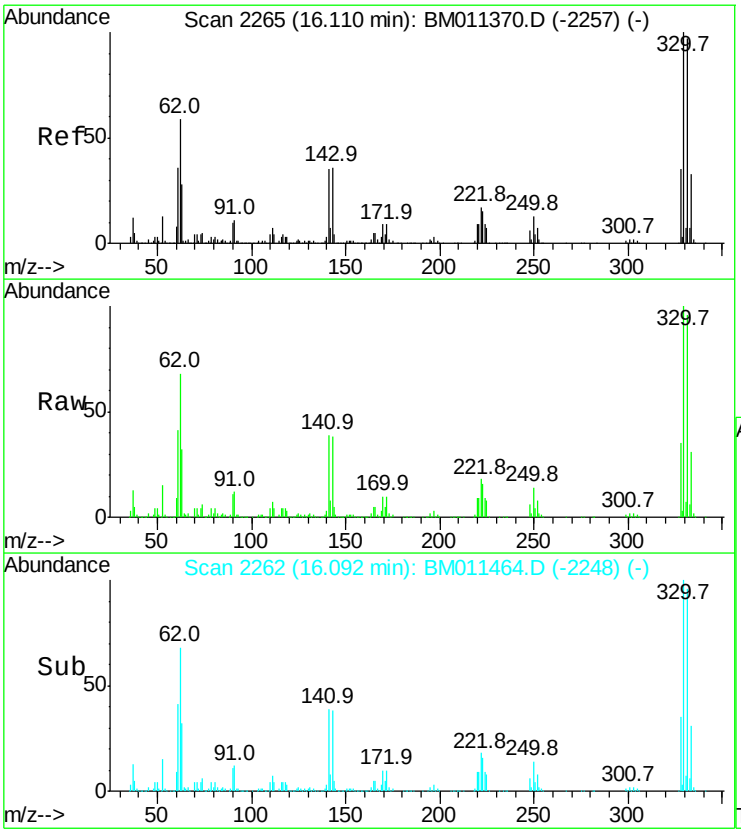
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:164 Resp: 1127361

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.4	123.6
160	43.7	35.8	53.6

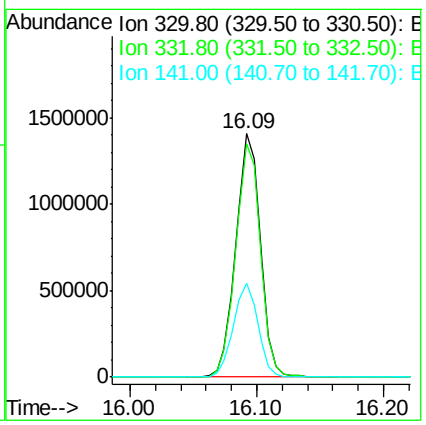


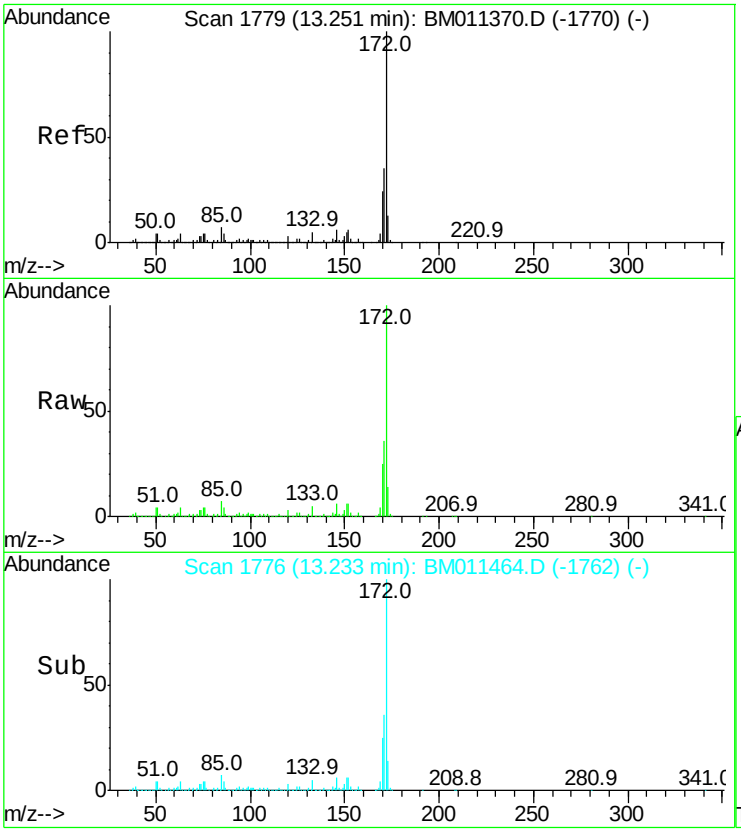


#41
2,4,6-Tribromophenol
Concen: 144.473 ng
RT: 16.09 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:330 Resp: 1884378

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.7	0.0	0.0#



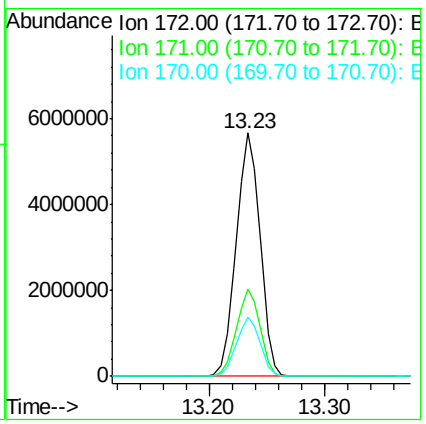


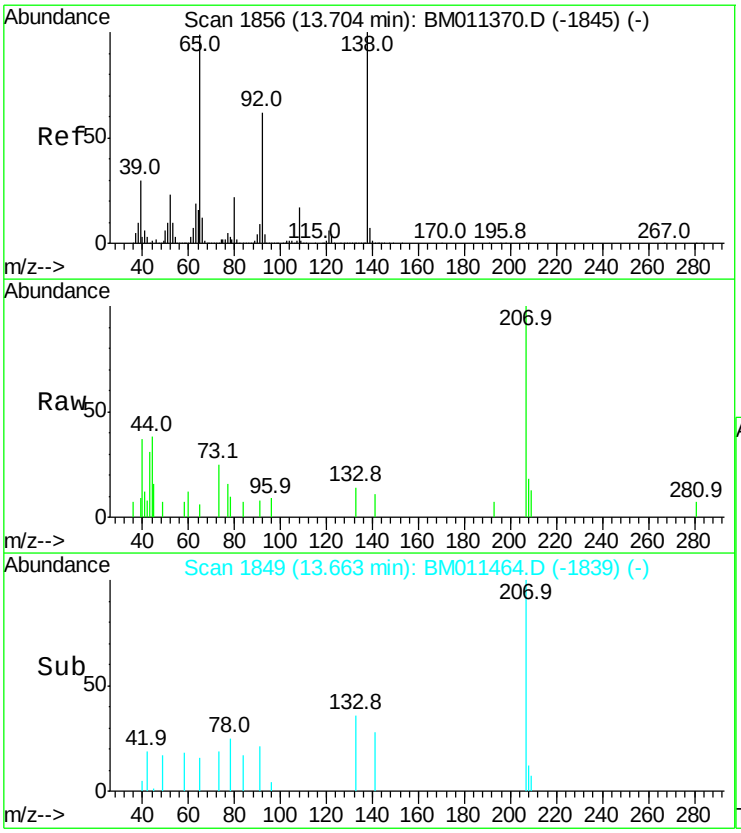
#44
2-Fluorobiphenyl
Concen: 103.641 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:172 Resp: 8105618

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.6	18.8	28.2

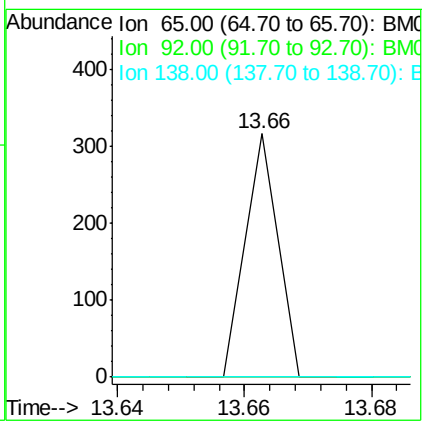


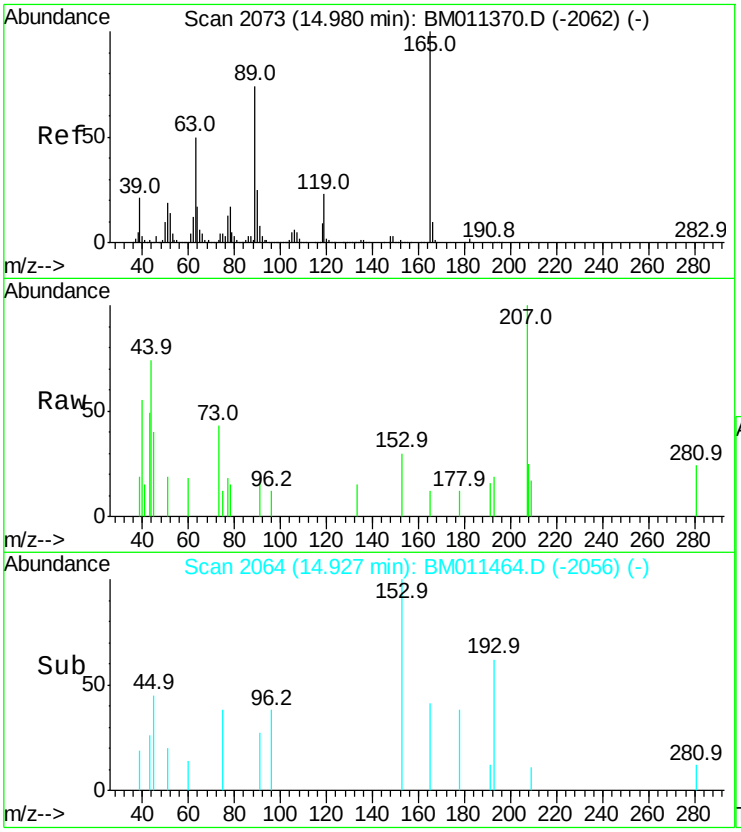


#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.66 min Scan# 1849
Delta R.T. -0.04 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion: 65 Resp: 112

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#



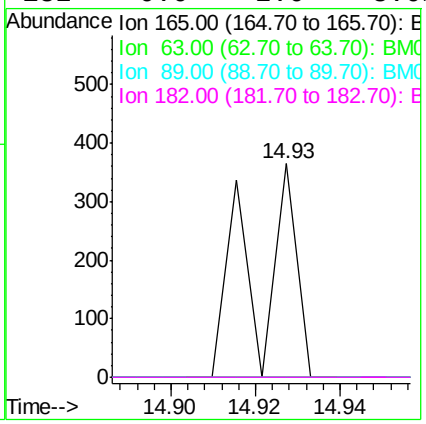


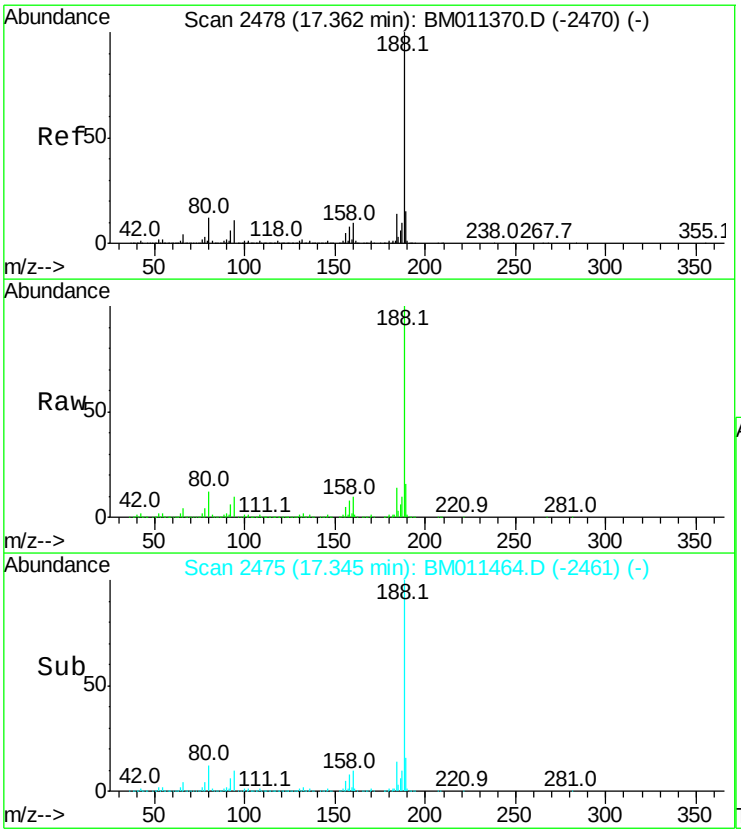
#56
2,4-Dinitrotoluene
Concen: 5.148 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.05 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:165 Resp: 247

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

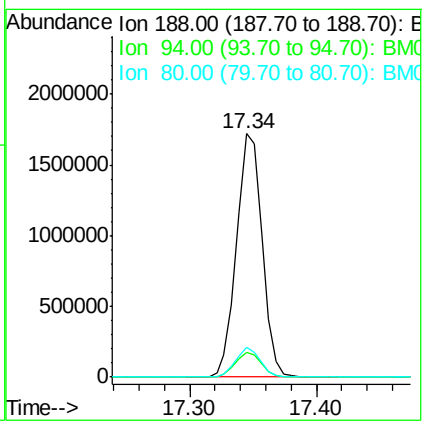


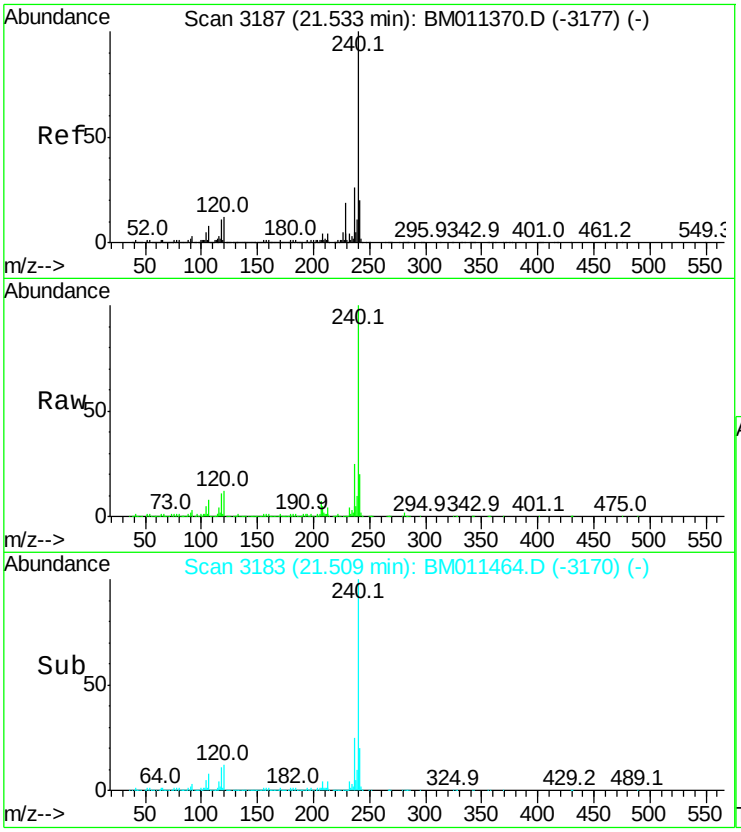


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:188 Resp: 2400528

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.7	13.1
80	12.2	9.3	13.9



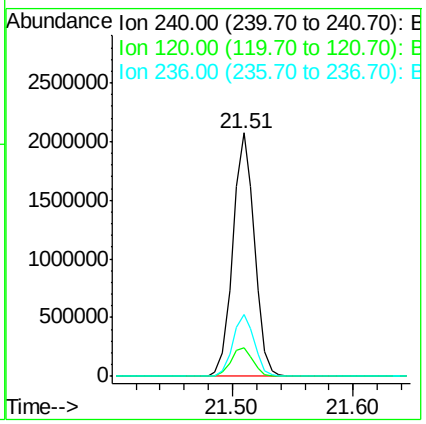


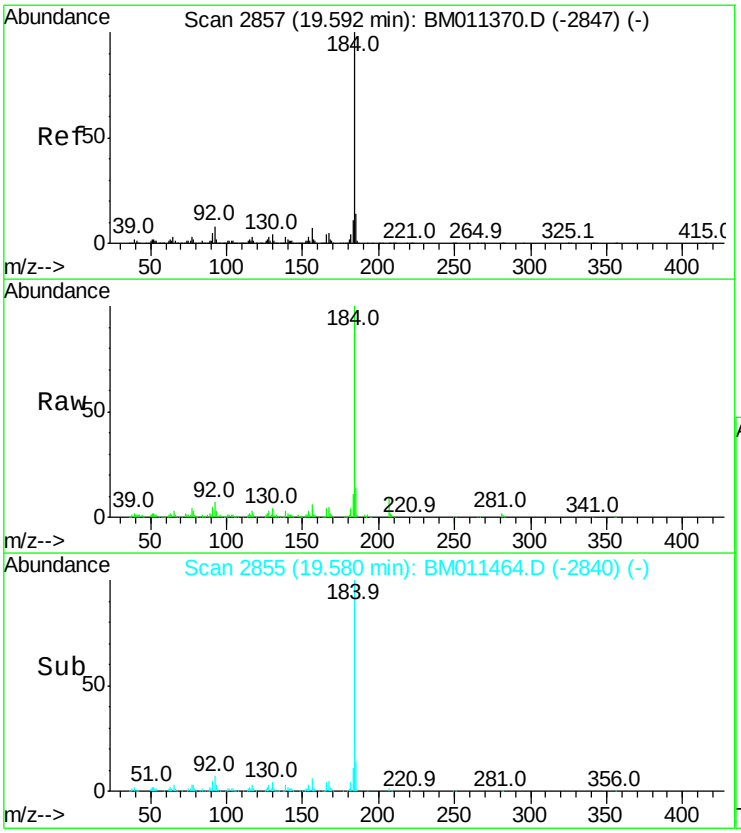
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:240 Resp: 2582519

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.2	12.2
236	25.2	20.0	30.0

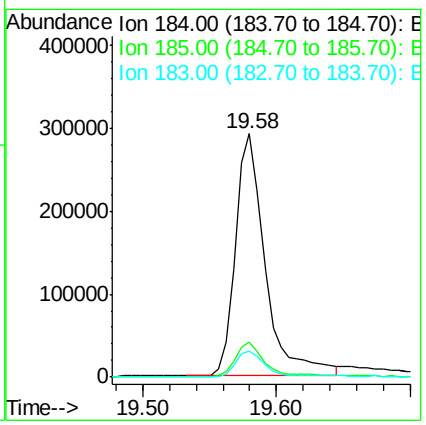


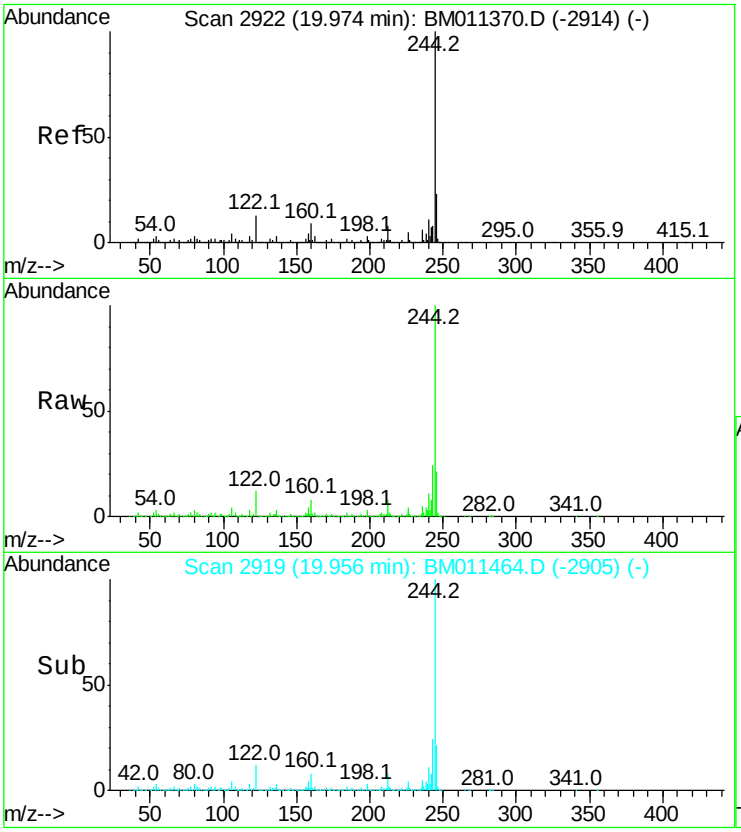


#76
Benzidine
Concen: 8.902 ng
RT: 19.58 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:184 Resp: 453716

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	10.5	8.9	13.3



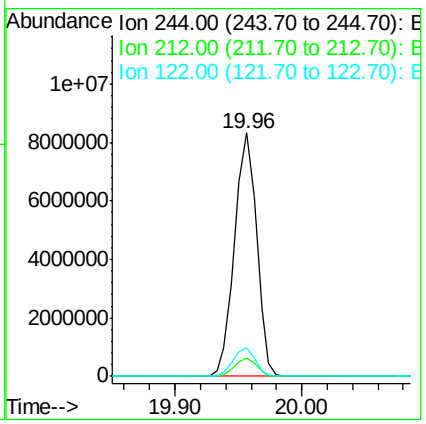


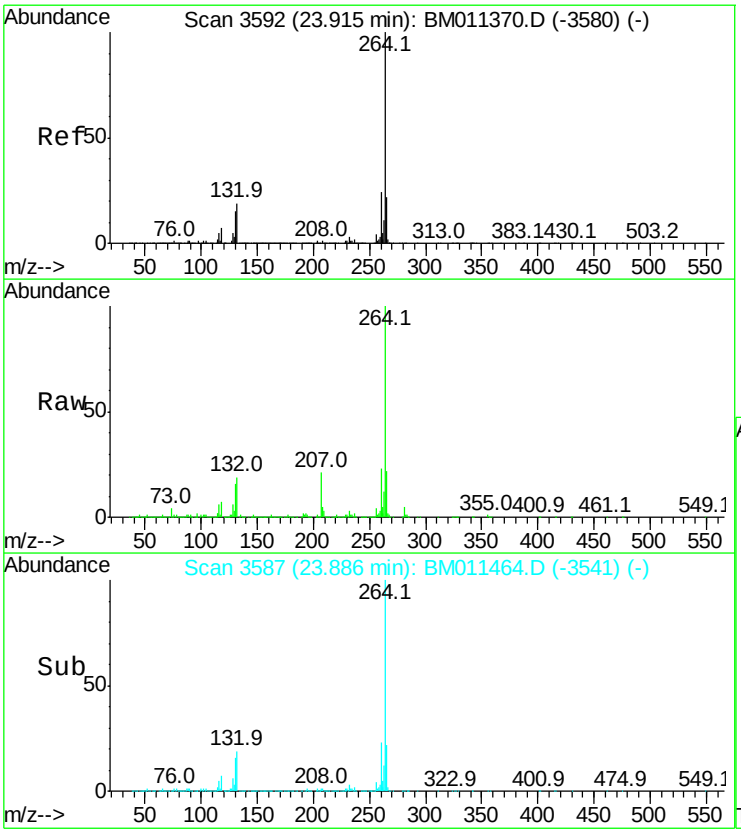
#78
Terphenyl-d14
Concen: 96.186 ng
RT: 19.96 min Scan# 2919
Delta R.T. -0.02 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Tgt Ion:244 Resp:10011339

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BM011464.D
Acq: 07 Sep 2017 20:53

Tgt Ion:264 Resp: 2182643

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.0	17.3	25.9