Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009512.D
Acq On : 03 Apr 2017 22:17
Operator : SJ/MA
Sample : I2508-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC-B53-B57-001

Quant Time: Apr 04 10:57:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	103837	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	407760	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	172599	20.00	ng		-0.02
63) Phenanthrene-d10	17.24	188	541356	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	654571	20.00	ng		-0.01
86) Perylene-d12	23.73	264	144790	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	958137	153.80	ng		-0.01
7) Phenol-d6	7.00	99	1131477	133.19	ng		-0.02
23) Nitrobenzene-d5	9.01	82	1012845	93.13	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	467716	218.13	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	1772023	123.71	ng		-0.02
78) Terphenyl-d14	19.86	244	3039128	97.02	ng		-0.01
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	7.73	146	17941	2.37	ng	#	82
13) 1,4-Dichlorobenzene	7.88	146	77908	9.97	ng		92
14) 1,2-Dichlorobenzene	8.20	146	679717	89.58	ng	#	94
31) Naphthalene	10.69	128	822807	38.02	ng		100
37) 2-Methylnaphthalene	12.30	142	237970	15.93	ng	#	95

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

Quantitation Report (QT Reviewed)

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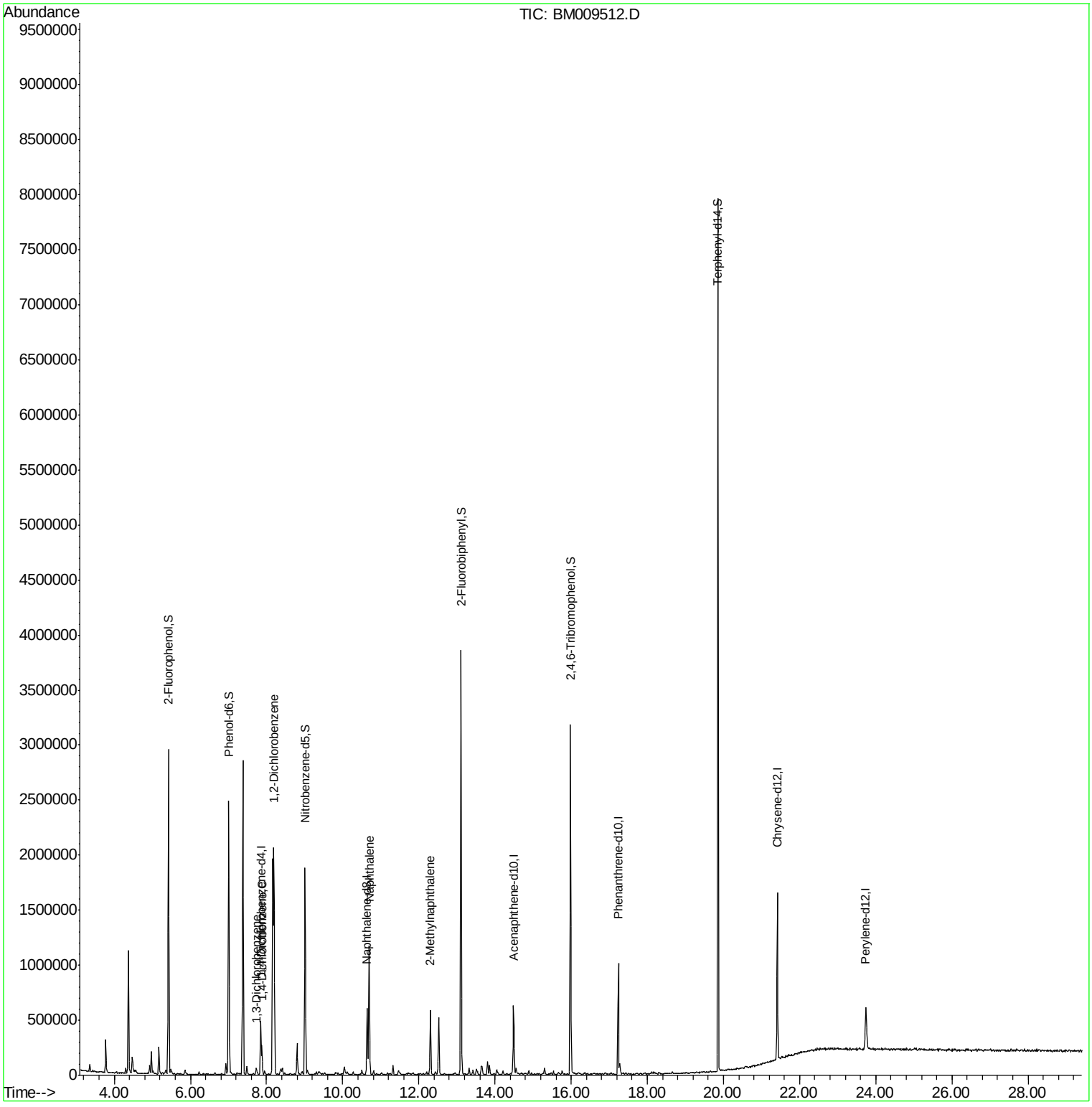
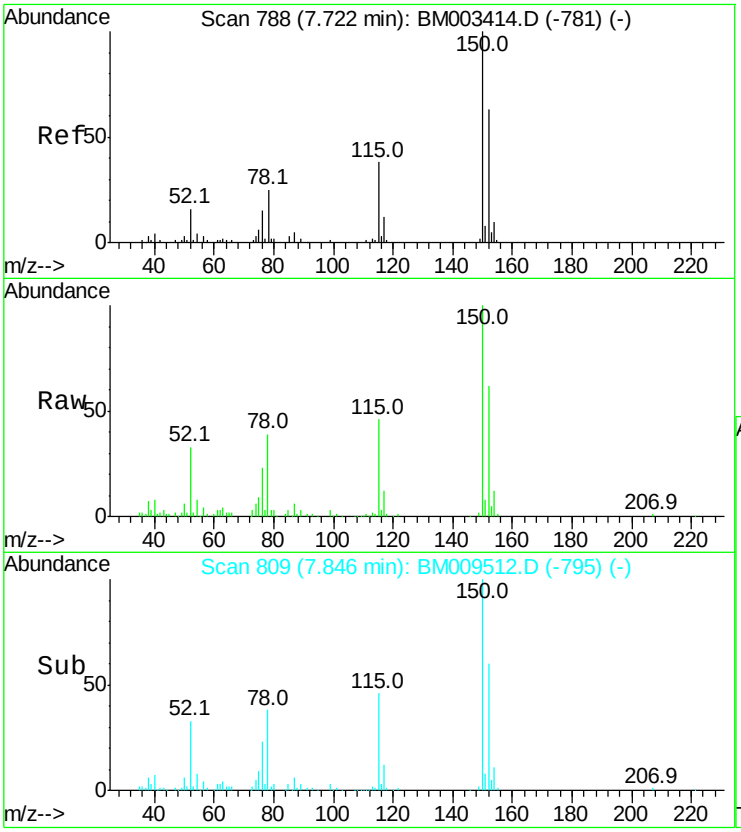


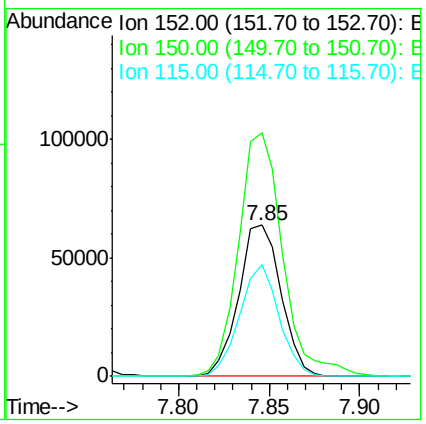


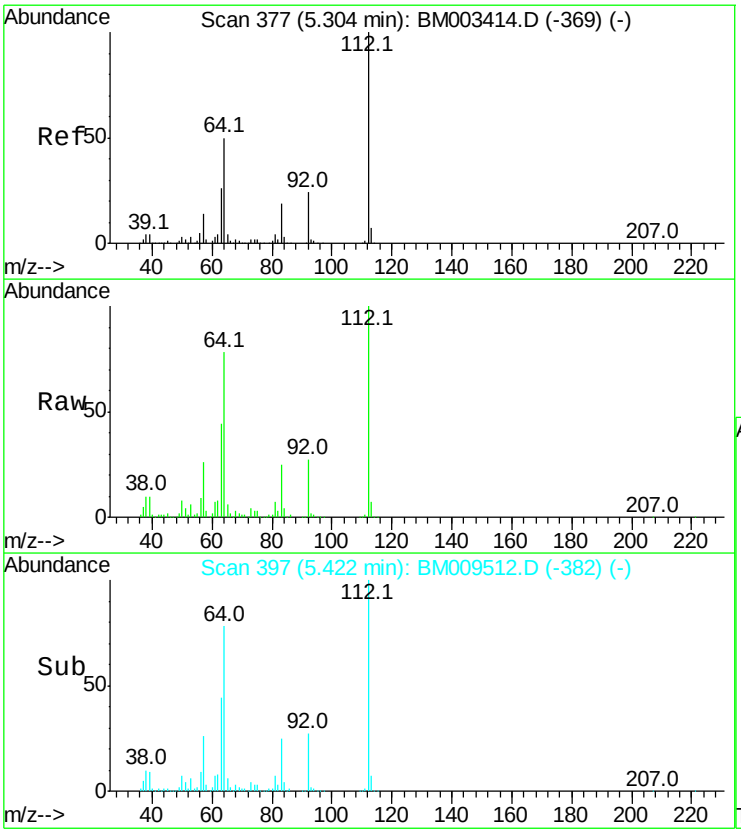
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:152 Resp: 103837

Ion	Ratio	Lower	Upper
152	100		
150	161.1	119.5	179.3
115	74.1	43.0	64.4#

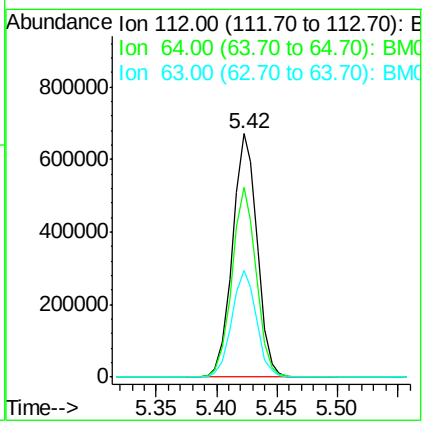


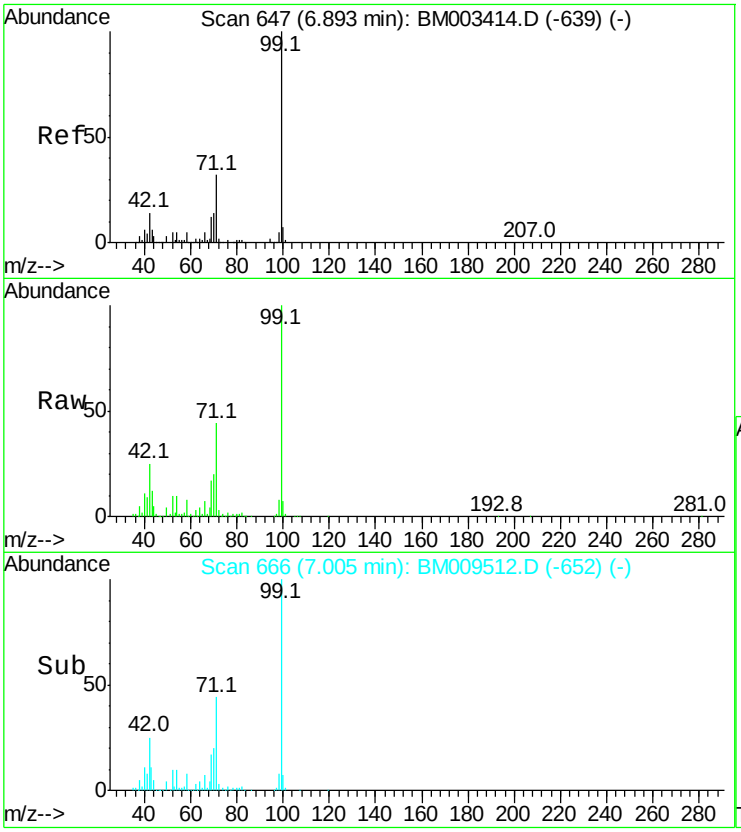


#5
2-Fluorophenol
Concen: 153.80 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:112 Resp: 958137

Ion	Ratio	Lower	Upper
112	100		
64	77.9	38.6	57.8#
63	43.6	19.3	28.9#



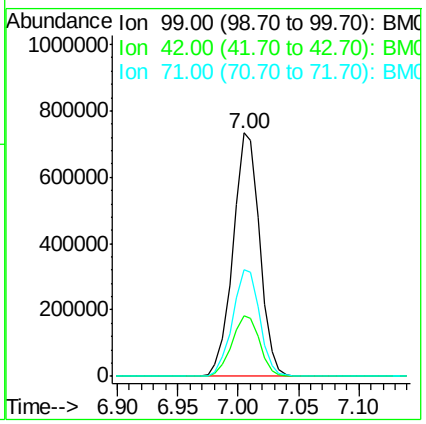


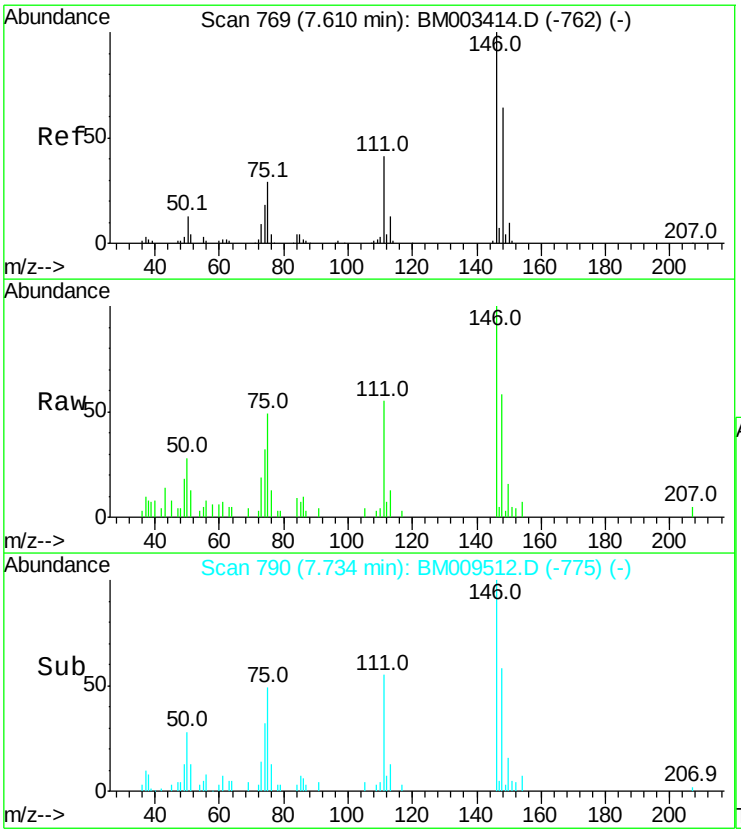
#7
Phenol-d6
Concen: 133.19 ng
RT: 7.00 min Scan# 666
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion: 99 Resp: 1131477

Ion	Ratio	Lower	Upper
99	100		
42	24.9	11.0	16.4#
71	44.0	23.4	35.2#

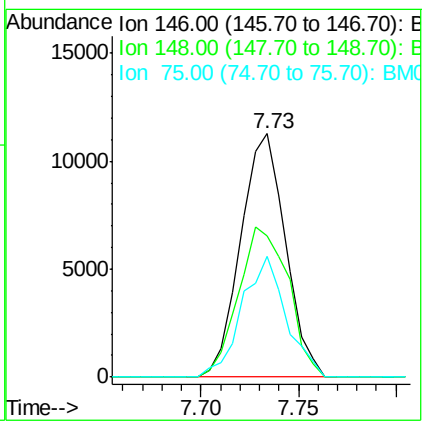


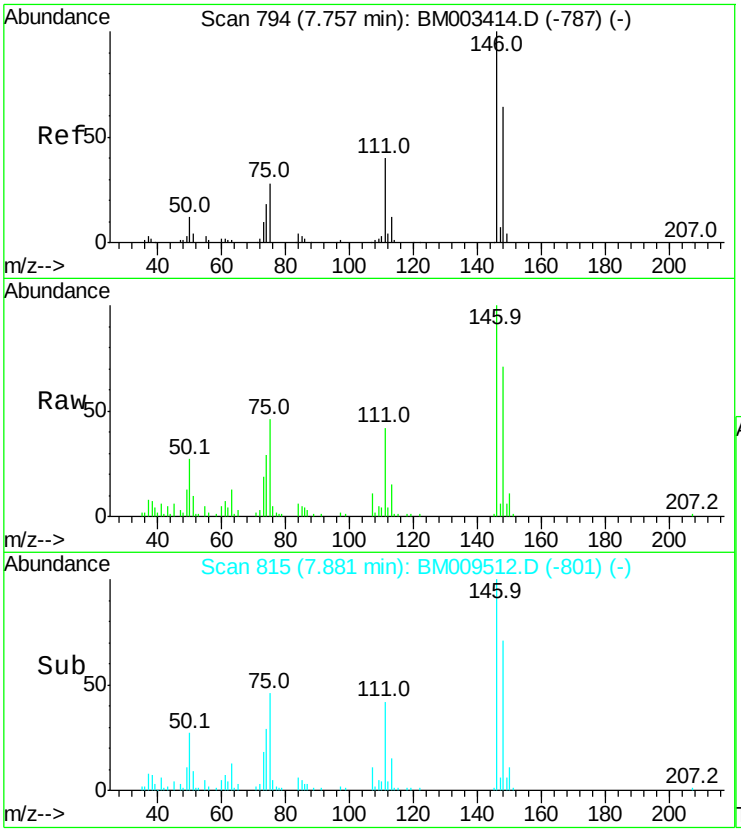


#12
1,3-Dichlorobenzene
Concen: 2.37 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:146 Resp: 17941

Ion	Ratio	Lower	Upper
146	100		
148	58.1	50.9	76.3
75	49.3	21.4	32.2#



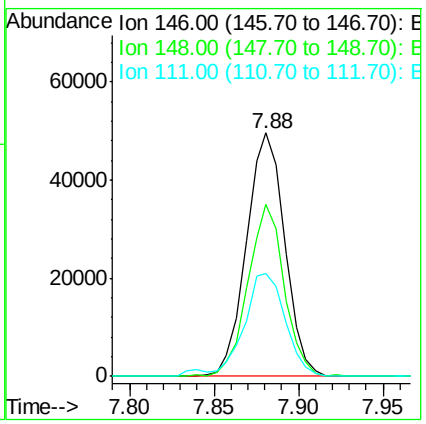


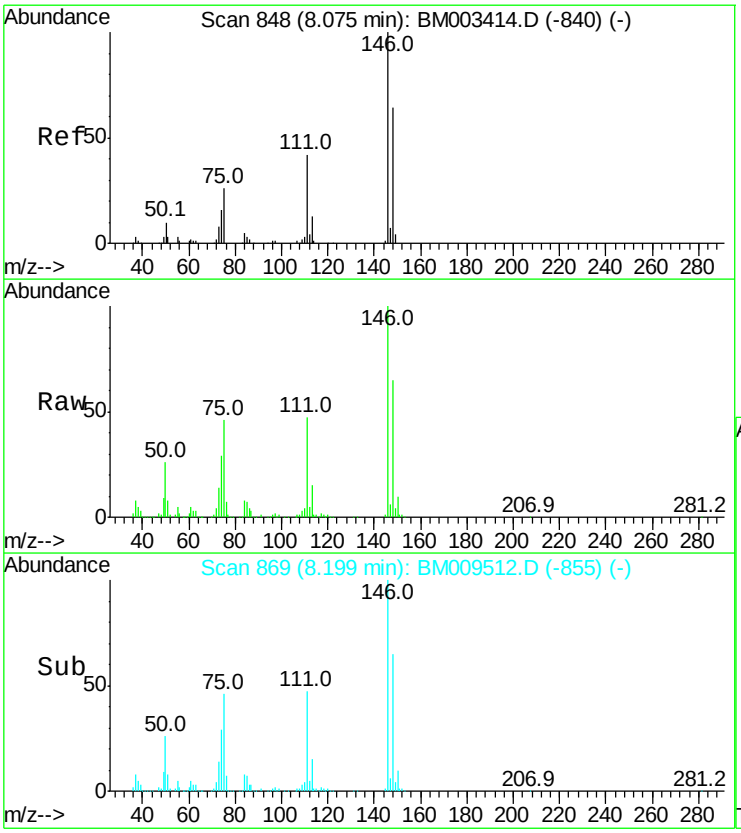
#13
1,4-Dichlorobenzene
Concen: 9.97 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:146 Resp: 77908

Ion	Ratio	Lower	Upper
146	100		
148	70.6	51.9	77.9
111	42.3	29.2	43.8

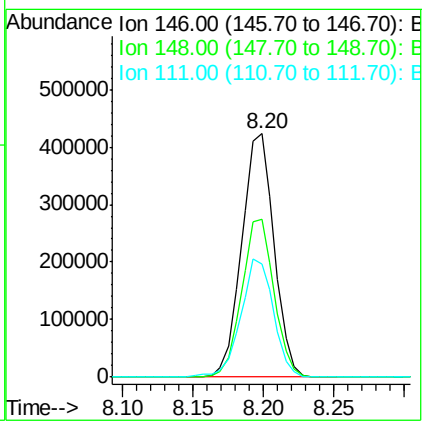


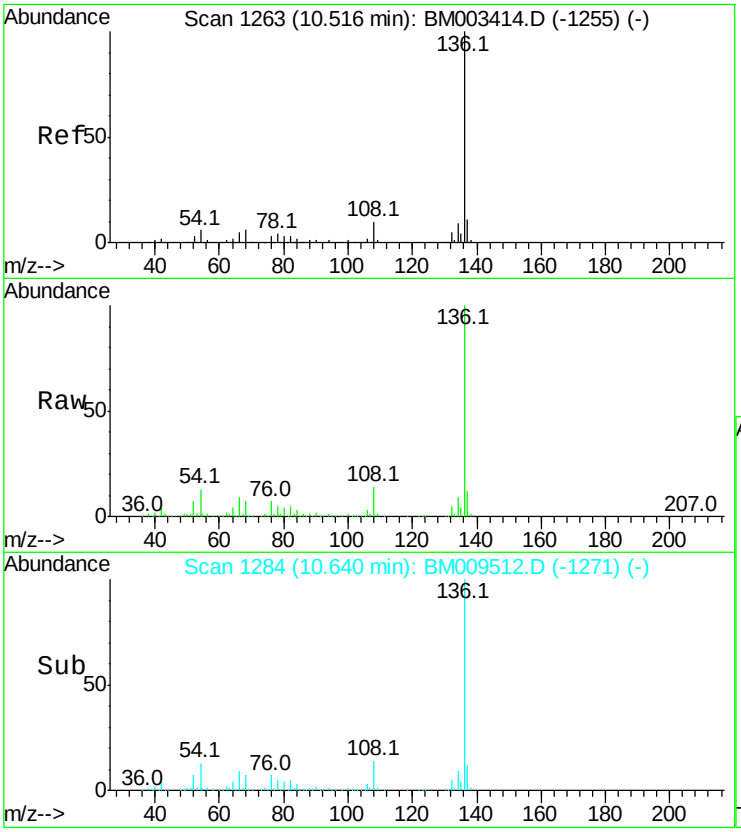


#14
1,2-Dichlorobenzene
Concen: 89.58 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:146 Resp: 679717

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	46.5	30.6	45.8#



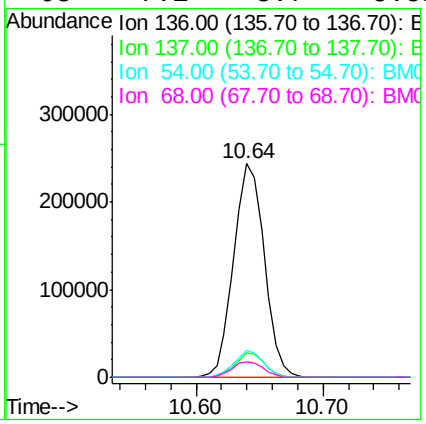


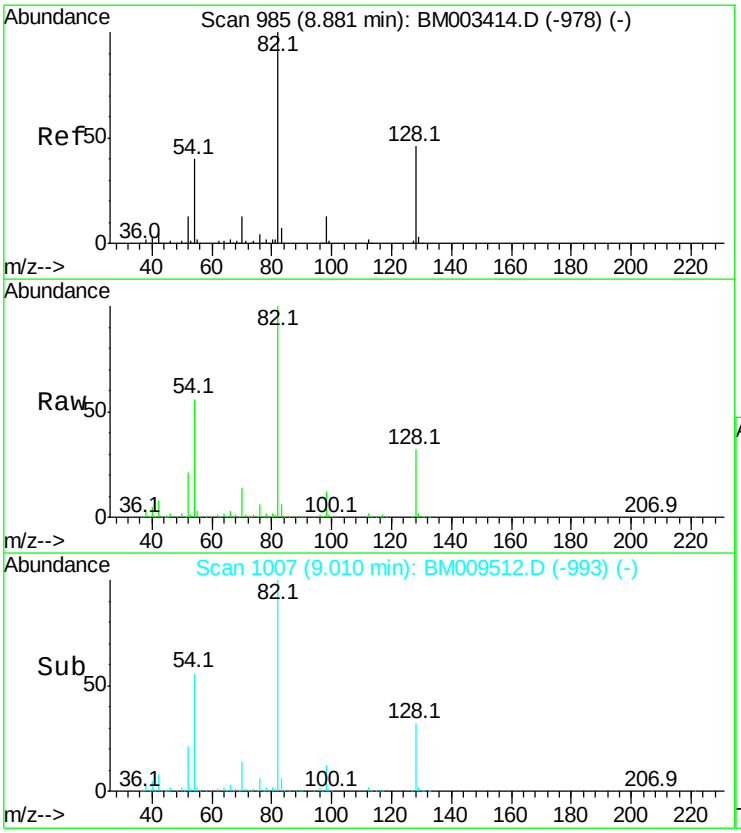
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:136 Resp: 407760

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	12.7	4.6	6.8#
68	7.1	3.7	5.5#

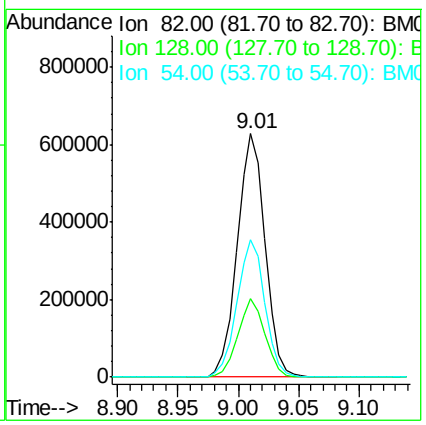


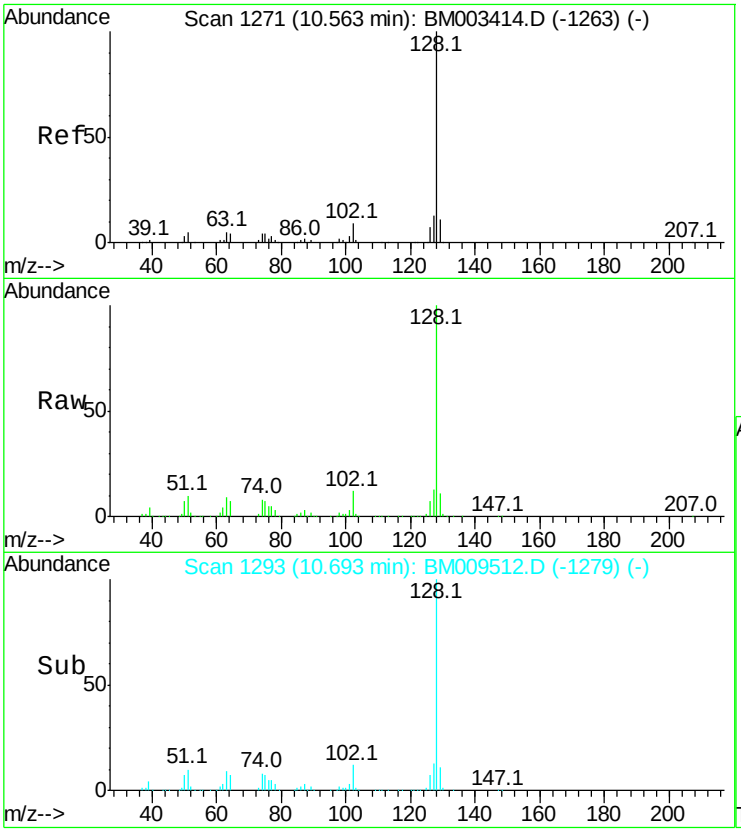


#23
Nitrobenzene-d5
Concen: 93.13 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion: 82 Resp: 1012845

Ion	Ratio	Lower	Upper
82	100		
128	32.2	32.8	49.2#
54	56.3	40.6	60.8



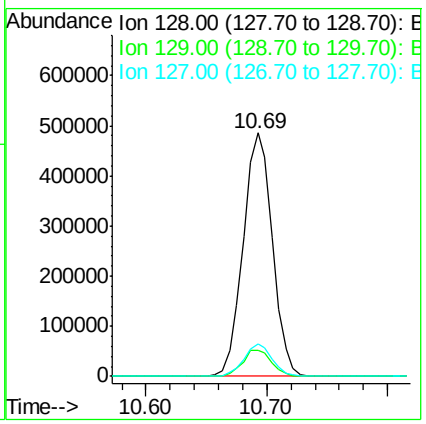


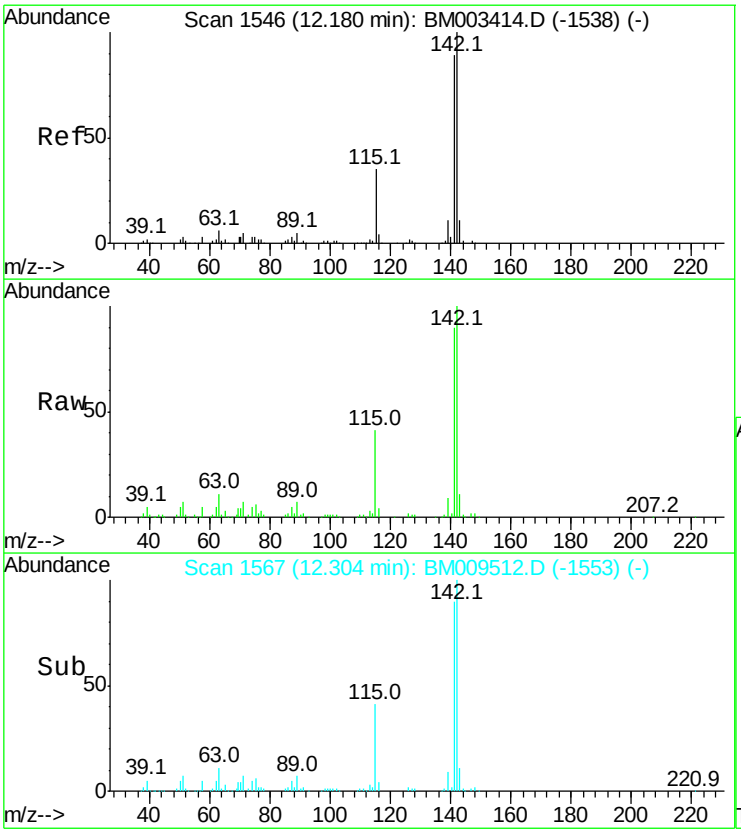
#31
Naphthalene
Concen: 38.02 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:128 Resp: 822807

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.1	10.4	15.6

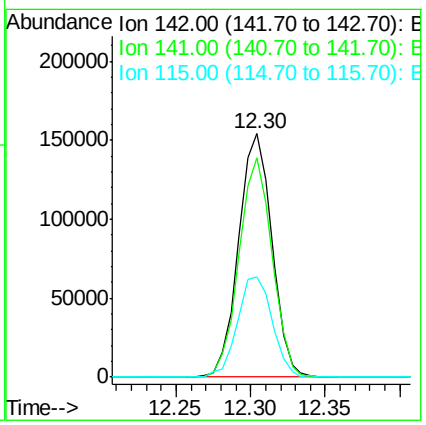


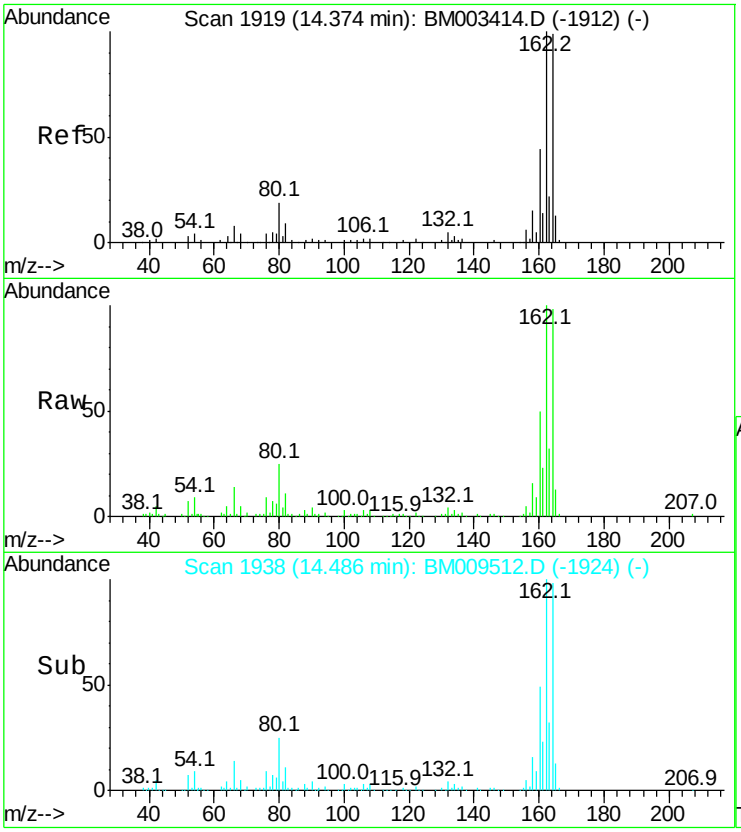


#37
2-Methylnaphthalene
Concen: 15.93 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:142 Resp: 237970

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	41.0	25.4	38.0#



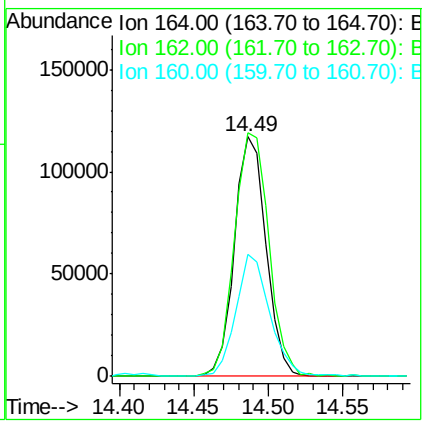


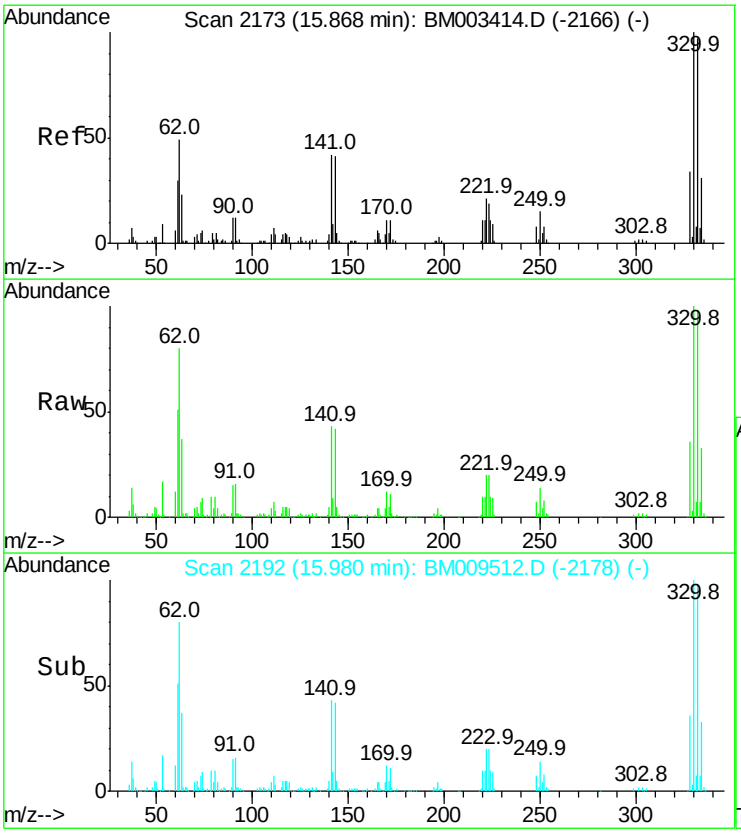
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:164 Resp: 172599

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	50.9	35.8	53.6

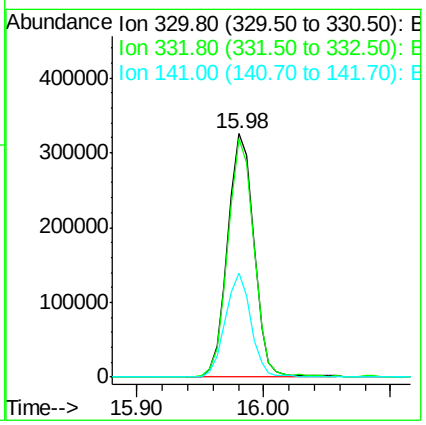


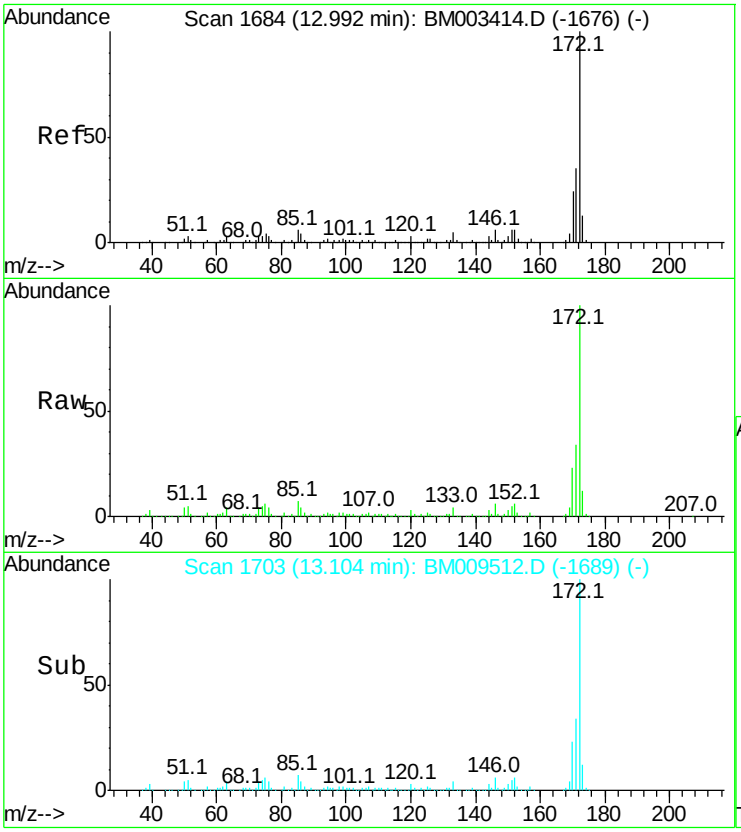


#41
2,4,6-Tribromophenol
Concen: 218.13 ng
RT: 15.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:330 Resp: 467716

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	41.5	0.0	0.0#



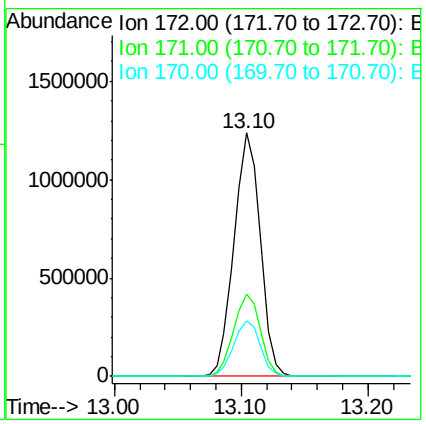


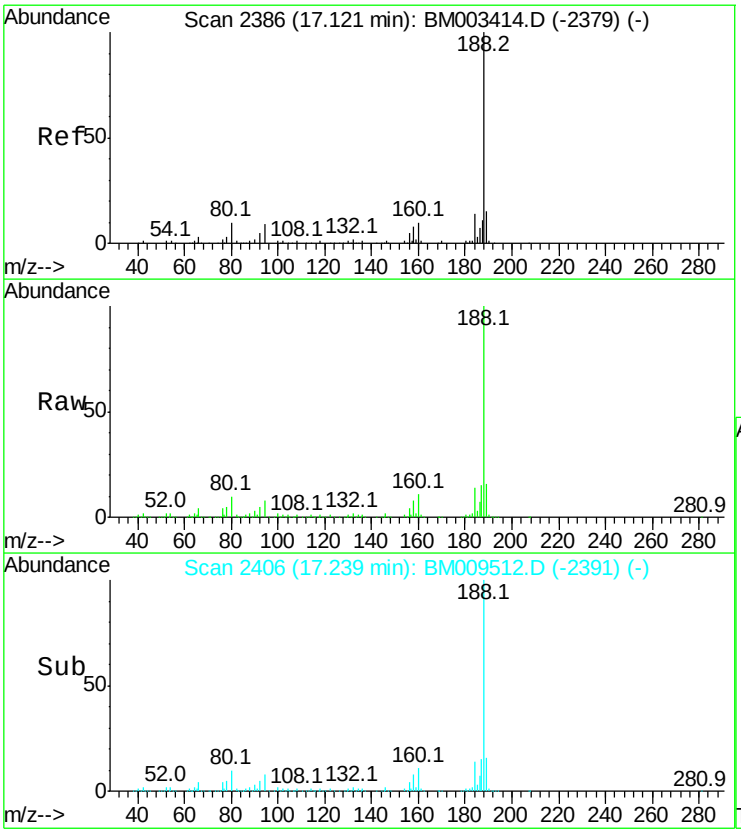
#44
2-Fluorobiphenyl
Concen: 123.71 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:172 Resp: 1772023

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.7	18.8	28.2

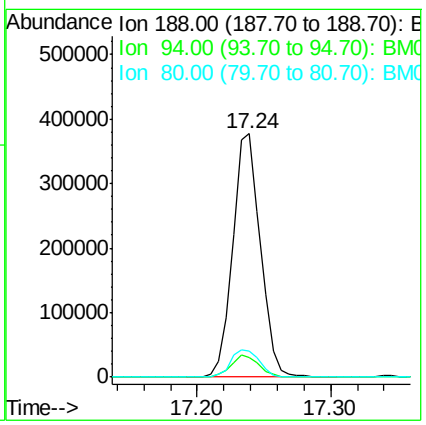


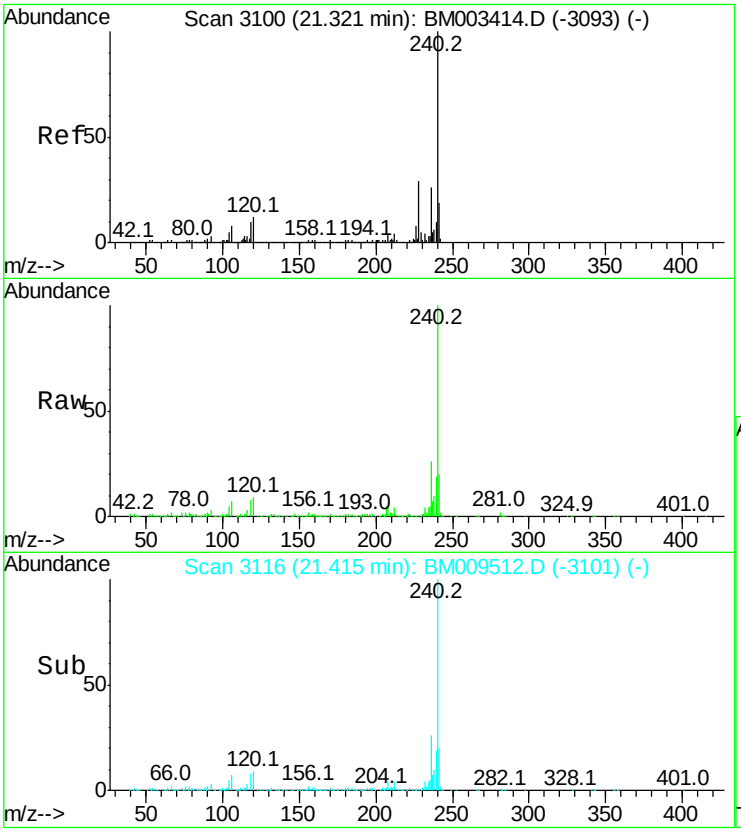


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:188 Resp: 541356

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	10.5	9.3	13.9



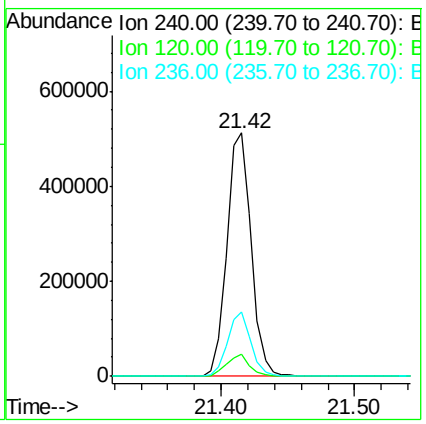


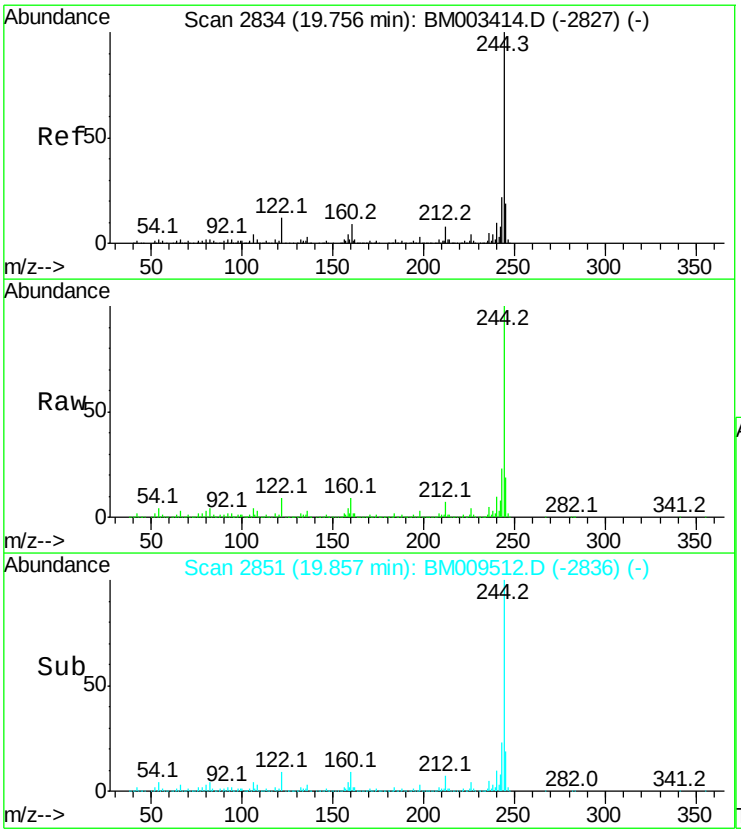
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:240 Resp: 654571

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.2	20.0	30.0

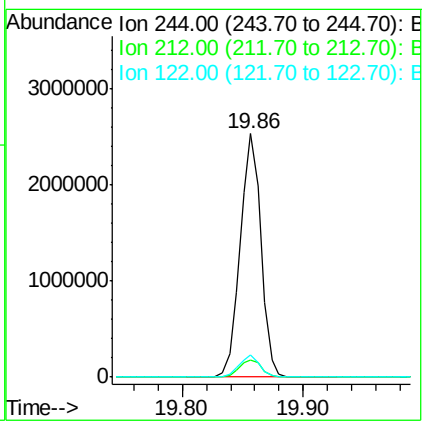


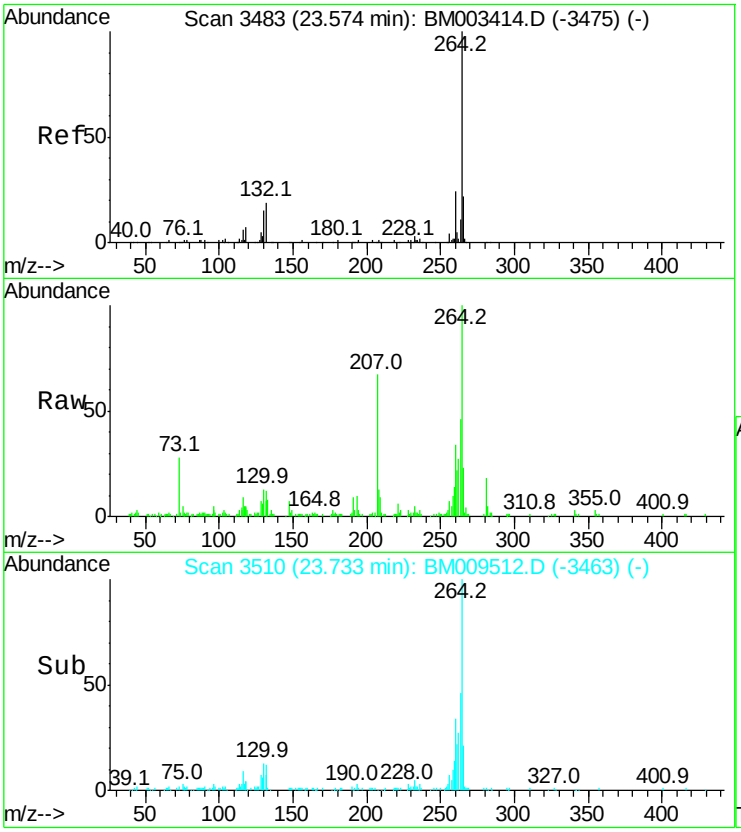


#78
Terphenyl-d14
Concen: 97.02 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Tgt Ion:244 Resp: 3039128

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	9.3	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.73 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM009512.D
Acq: 03 Apr 2017 22:17

Instrument :
BNA_M
ClientSampleId :
WC-B53-B57-001

Tgt Ion:264 Resp: 144790

Ion	Ratio	Lower	Upper
264	100		
260	34.3	18.6	27.8#
265	22.7	17.3	25.9