Quantitation Report (LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
Data File : BF077356.D
Acq On : 18 Feb 2015 17:09
Operator : TP/IZ
Sample : G1233-05
Misc : S
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA4(9.5-10)

Quant Time: Feb 19 03:00:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	55399	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	225005	20.00	ng		-0.02
38) Acenaphthene-d10	11.13	164	114140m	20.00	ng		-0.01
63) Phenanthrene-d10	12.99	188	207574m	20.00	ng		0.01
75) Chrysene-d12	16.39	240	69163	20.00	ng		0.11
86) Perylene-d12	18.20	264	97111	20.00	ng		0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	310299	95.72	ng		-0.02
7) Phenol-d6	6.90	99	409273	96.65	ng		-0.02
23) Nitrobenzene-d5	8.04	82	236879	72.90	ng		-0.02
41) 2,4,6-Tribromophenol	12.12	330	113982m	107.43	ng		0.01
44) 2-Fluorobiphenyl	10.28	172	526233	69.50	ng		-0.02
78) Terphenyl-d14	15.03	244	282579m	92.89	ng		0.05
Target Compounds							Qvalue
10) Phenol	6.91	94	11555	2.35	ng		93
49) Dimethylphthalate	10.79	163	43833	5.58	ng	#	93

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

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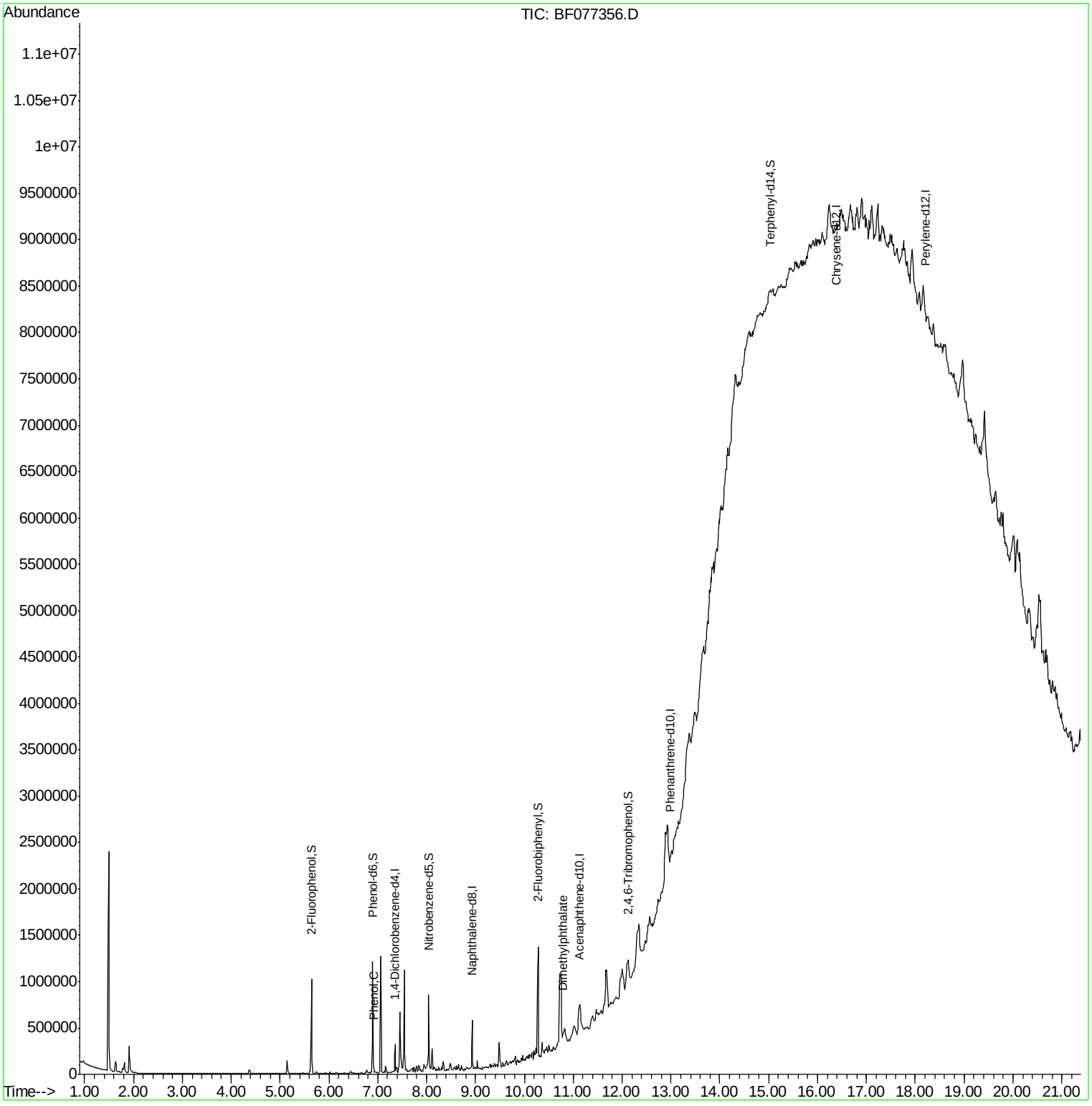
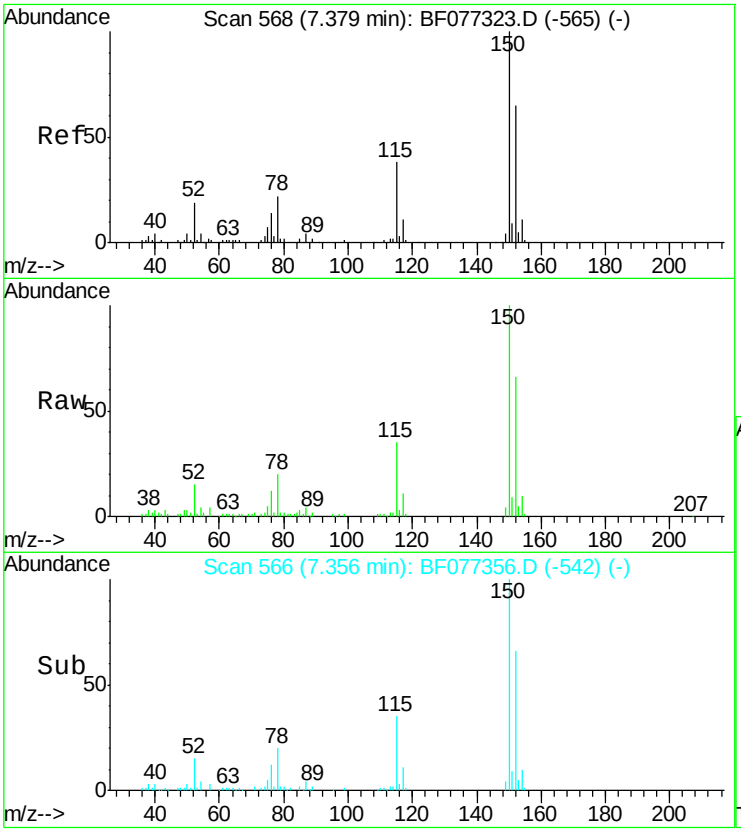


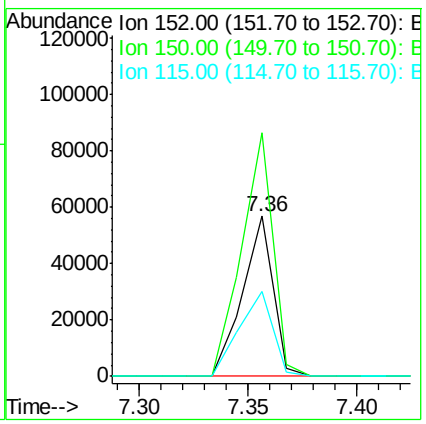


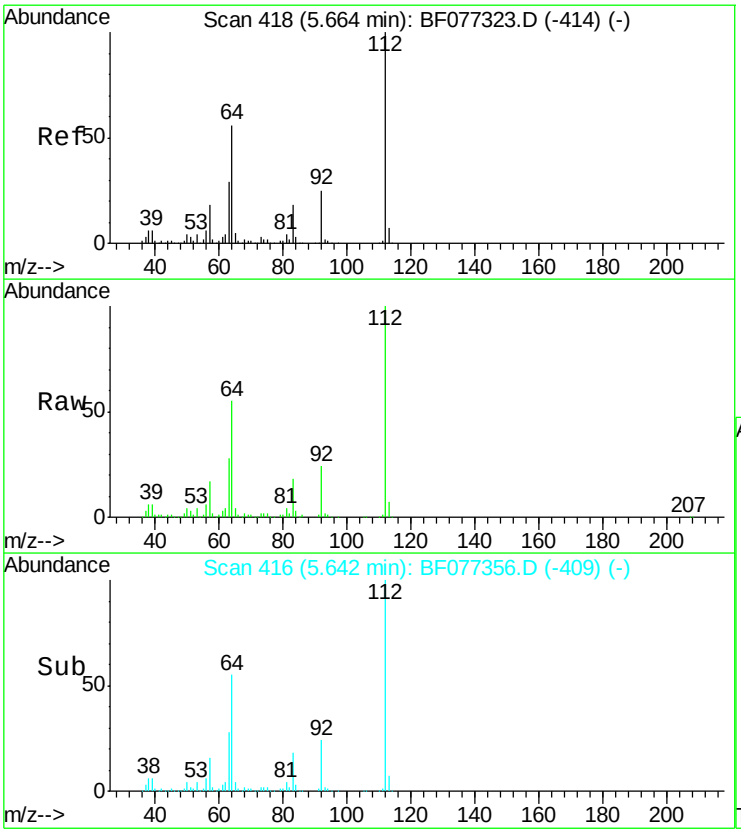
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:152 Resp: 55399

Ion	Ratio	Lower	Upper
152	100		
150	151.8	123.1	184.7
115	52.6	46.2	69.4

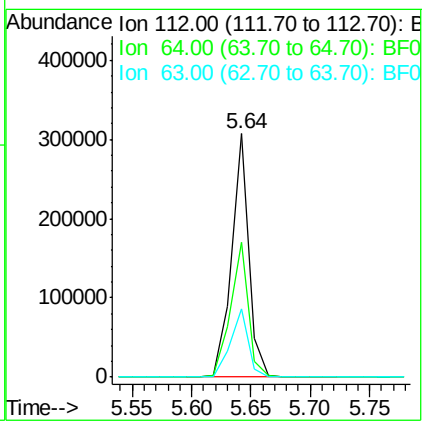


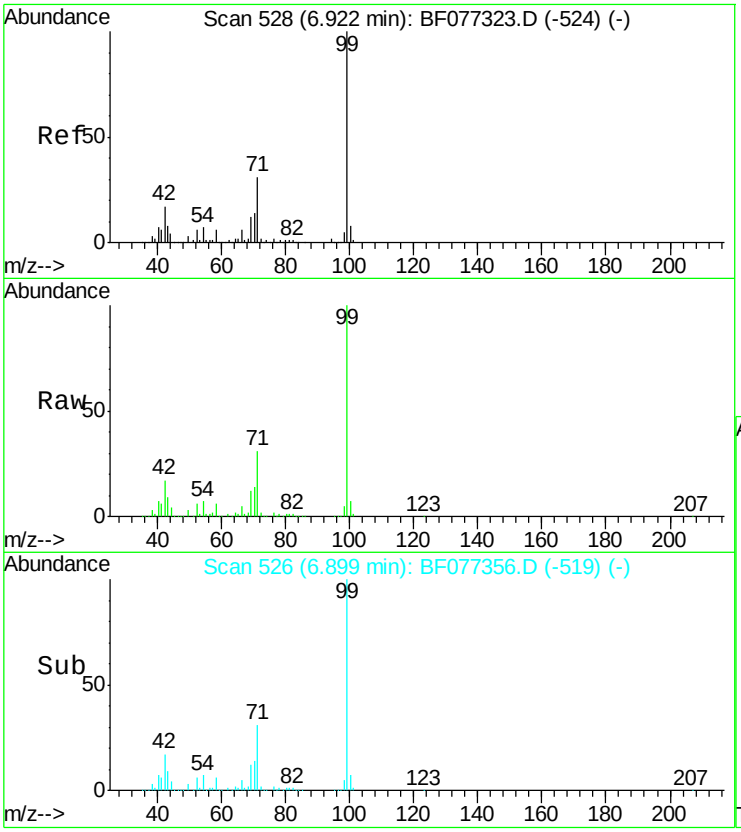


#5
2-Fluorophenol
Concen: 95.72 ng
RT: 5.64 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:112 Resp: 310299

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.7	67.1
63	28.2	23.3	34.9



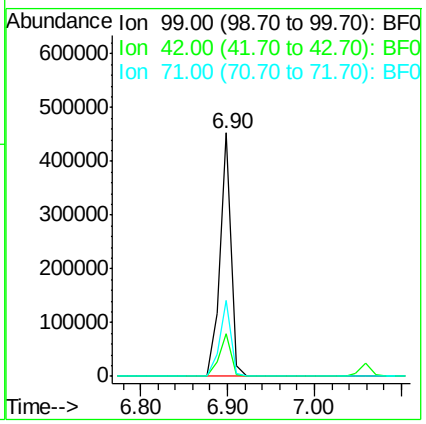


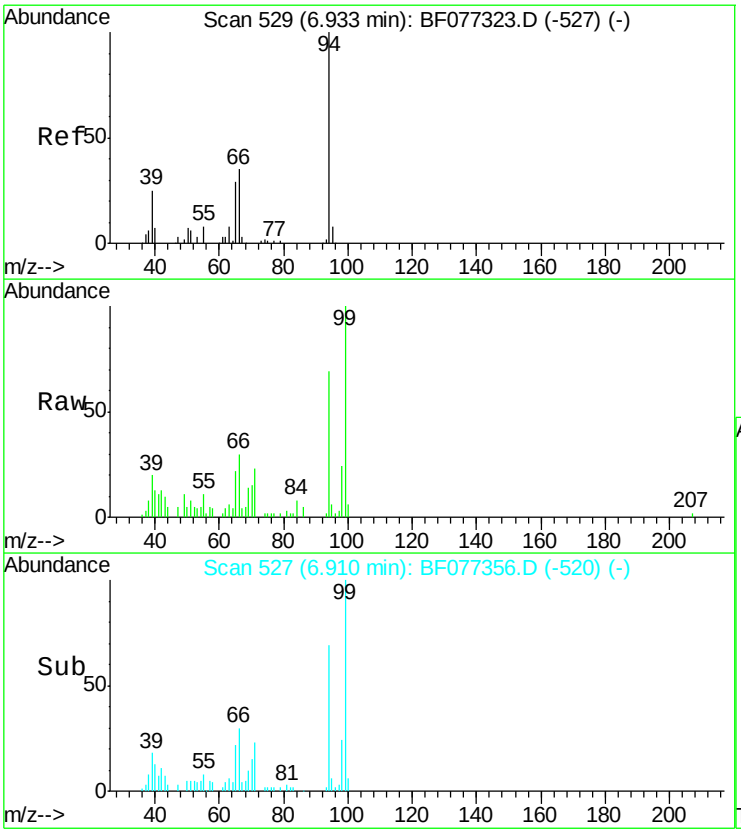
#7
Phenol-d6
Concen: 96.65 ng
RT: 6.90 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion: 99 Resp: 409273

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	31.2	24.6	37.0

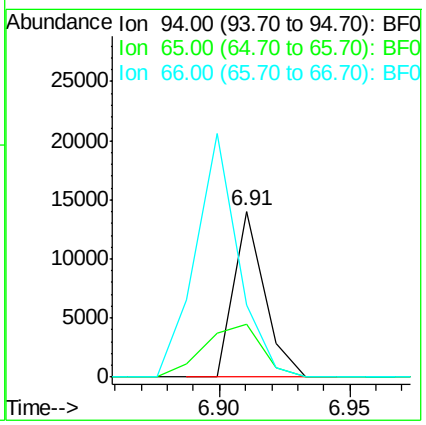


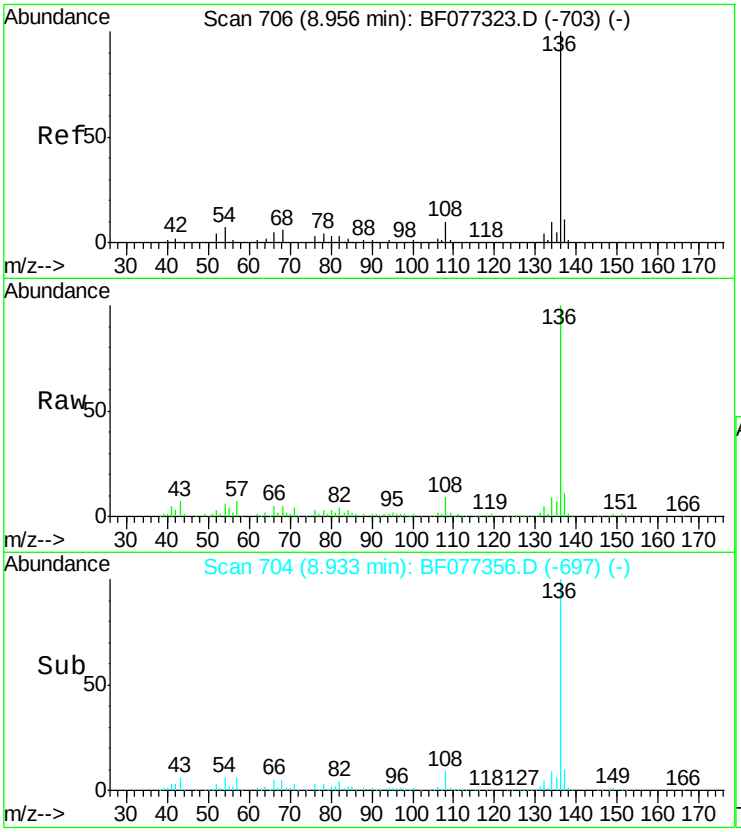


#10
Phenol
Concen: 2.35 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion: 94 Resp: 11555

Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.3	49.3
66	43.8	18.3	58.3



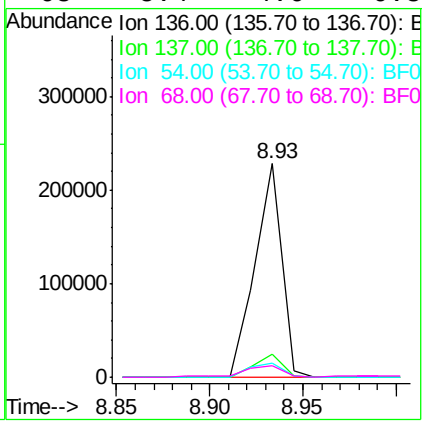


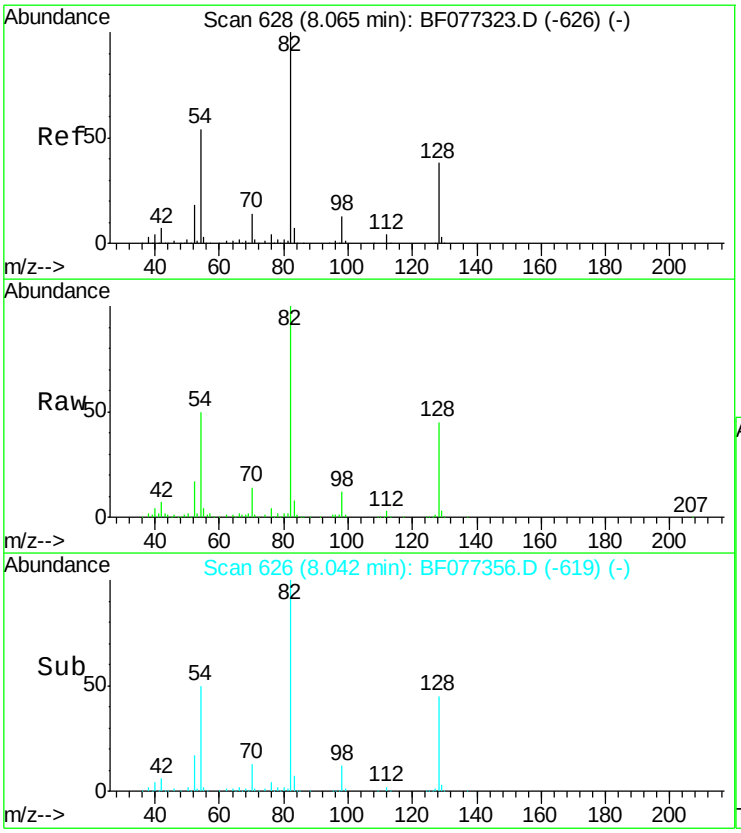
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:136 Resp: 225005

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.4	5.8	8.6
68	5.4	4.6	6.8

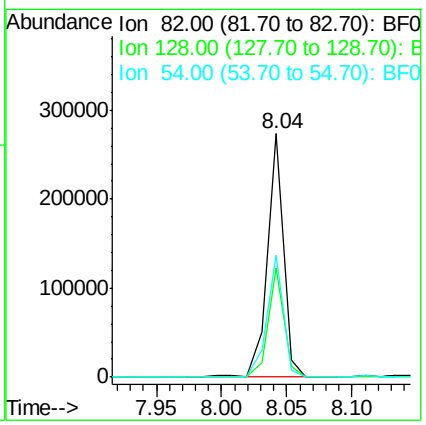


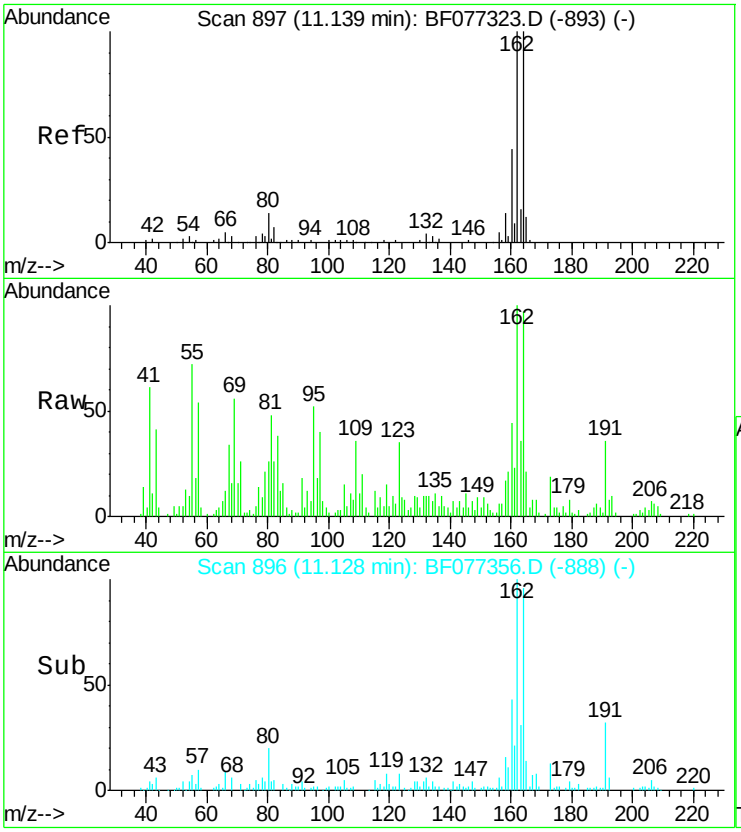


#23
Nitrobenzene-d5
Concen: 72.90 ng
RT: 8.04 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion: 82 Resp: 236879

Ion	Ratio	Lower	Upper
82	100		
128	44.9	30.7	46.1
54	50.1	43.1	64.7



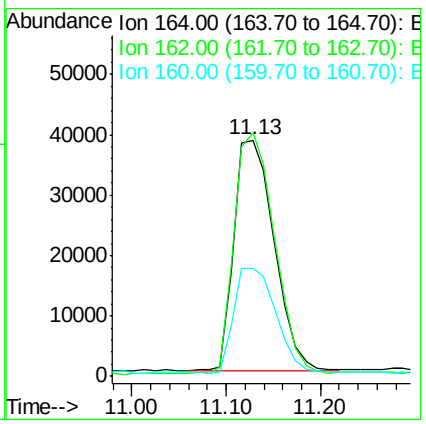


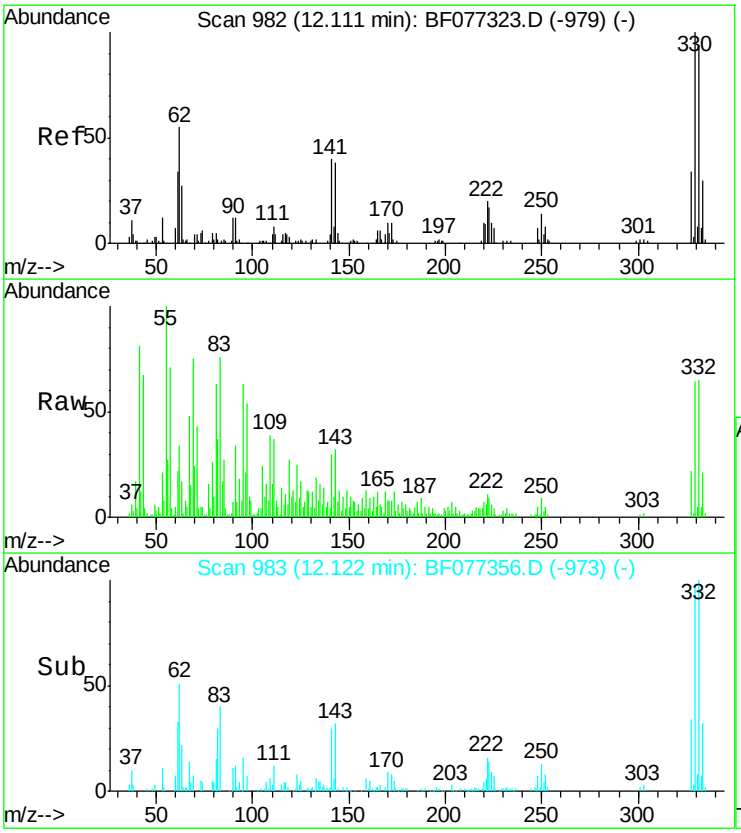
#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 11.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:164 Resp: 114140

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.4	120.6
160	45.6	35.3	52.9

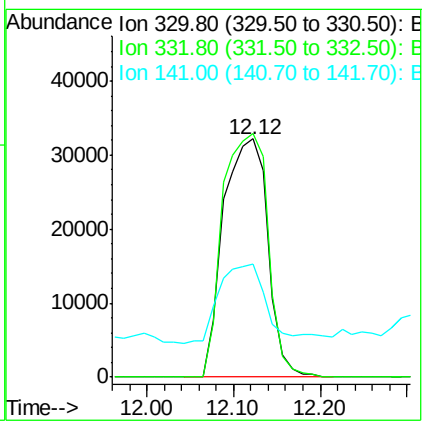


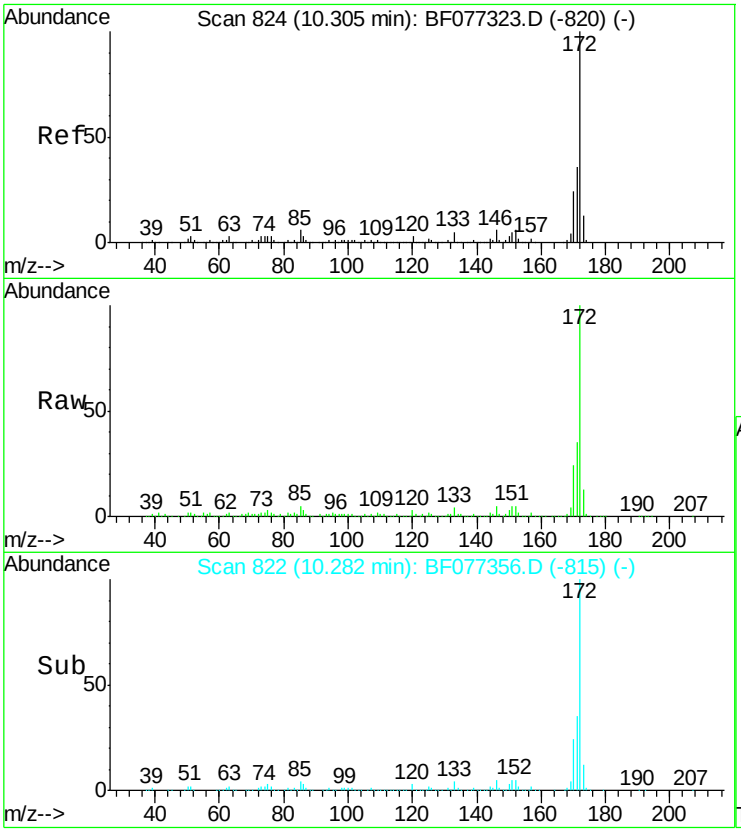


#41
2,4,6-Tribromophenol
Concen: 107.43 ng m
RT: 12.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:330 Resp: 113982

Ion	Ratio	Lower	Upper
330	100		
332	103.7	76.1	114.1
141	34.4	28.5	42.7



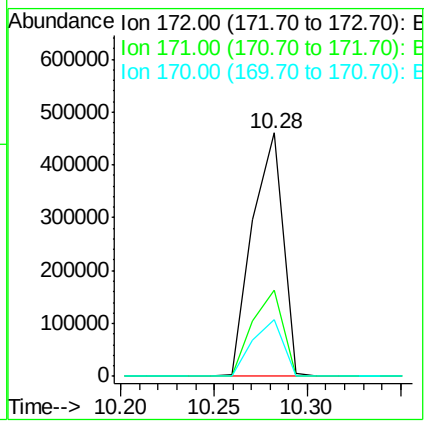


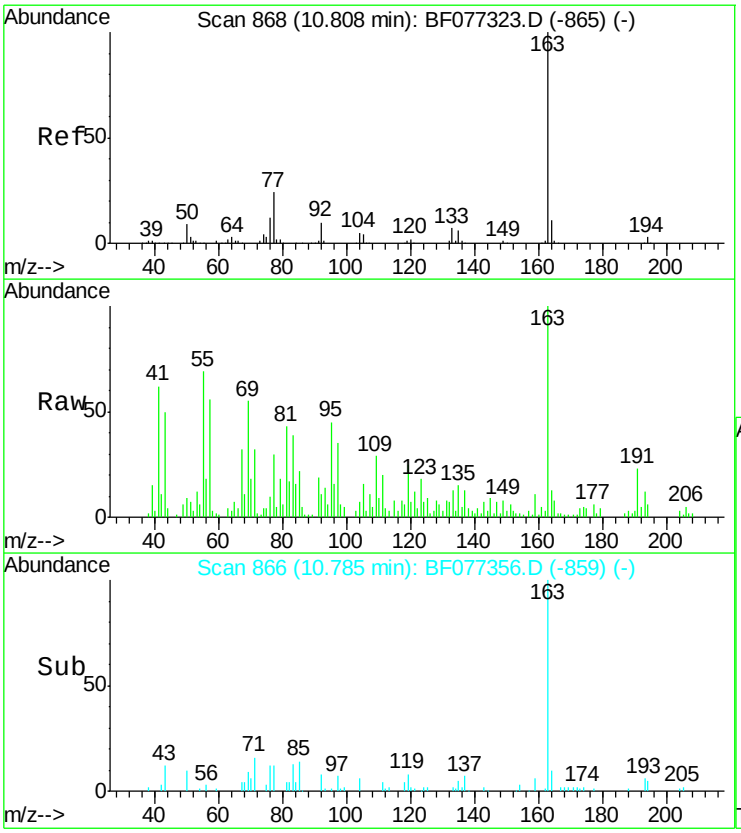
#44
2-Fluorobiphenyl
Concen: 69.50 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:172 Resp: 526233

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.5	19.4	29.2

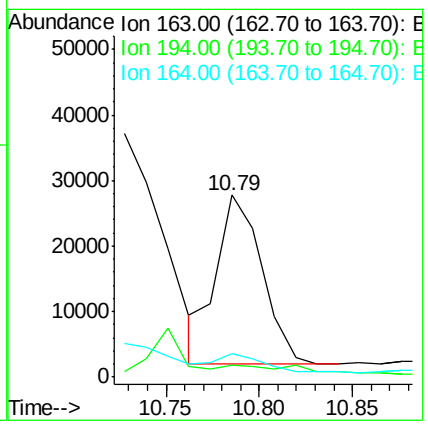


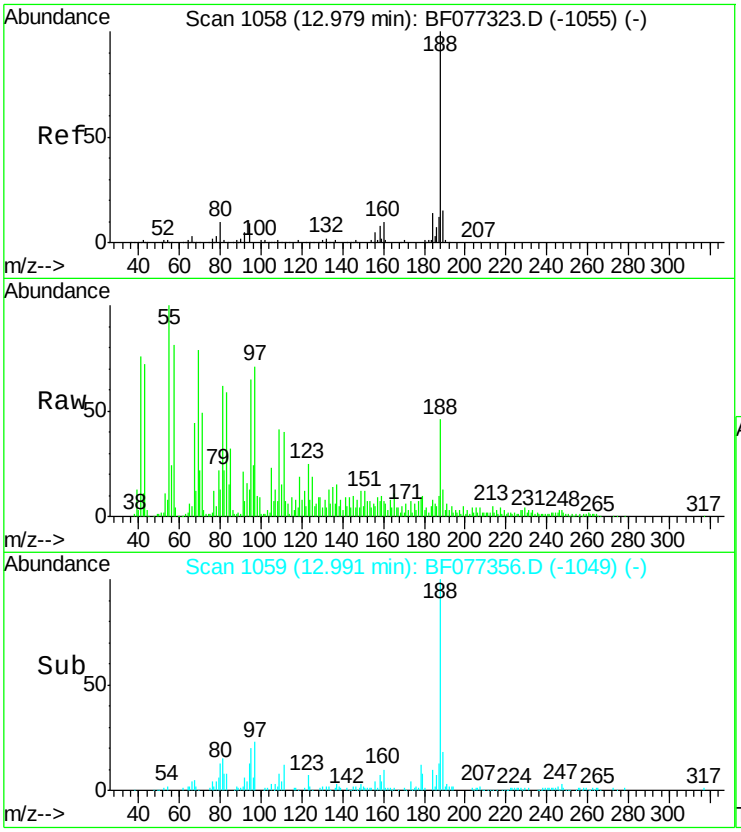


#49
Dimethylphthalate
Concen: 5.58 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:163 Resp: 43833

Ion	Ratio	Lower	Upper
163	100		
194	6.4	2.6	3.8#
164	12.7	8.4	12.6#



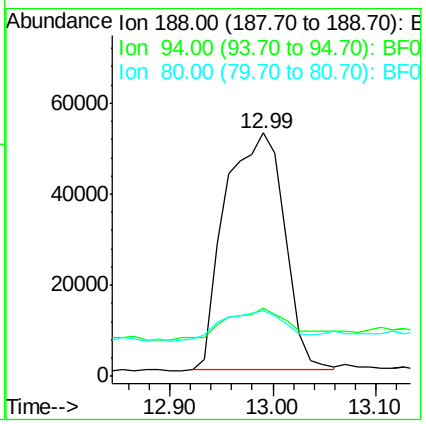


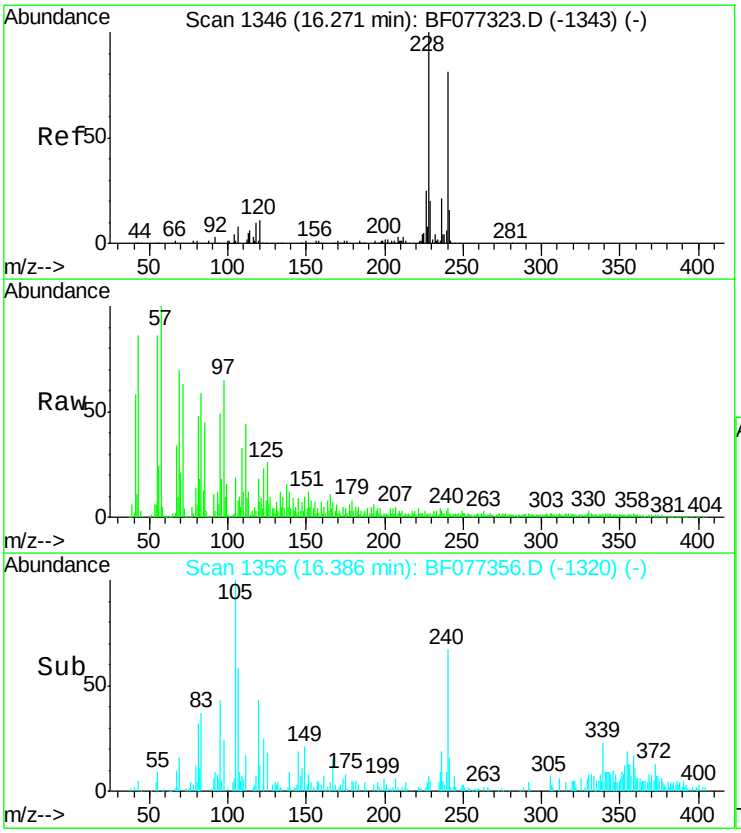
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 12.99 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:188 Resp: 207574

Ion	Ratio	Lower	Upper
188	100		
94	27.9	7.2	10.8#
80	27.2	7.8	11.8#

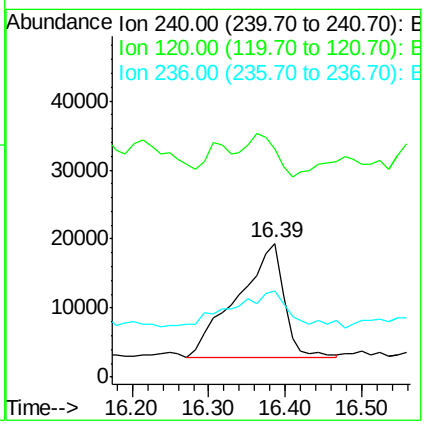


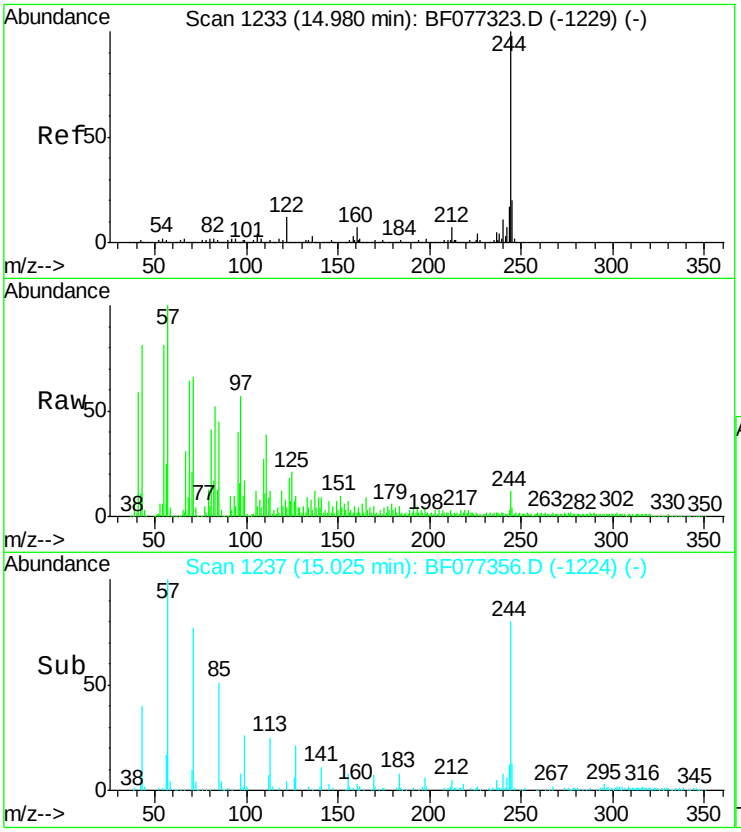


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.39 min Scan# 1356
Delta R.T. 0.11 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:240 Resp: 69163

Ion	Ratio	Lower	Upper
240	100		
120	171.0	11.3	16.9#
236	64.9	20.3	30.5#



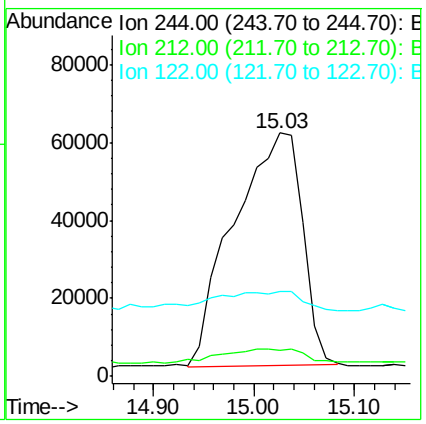


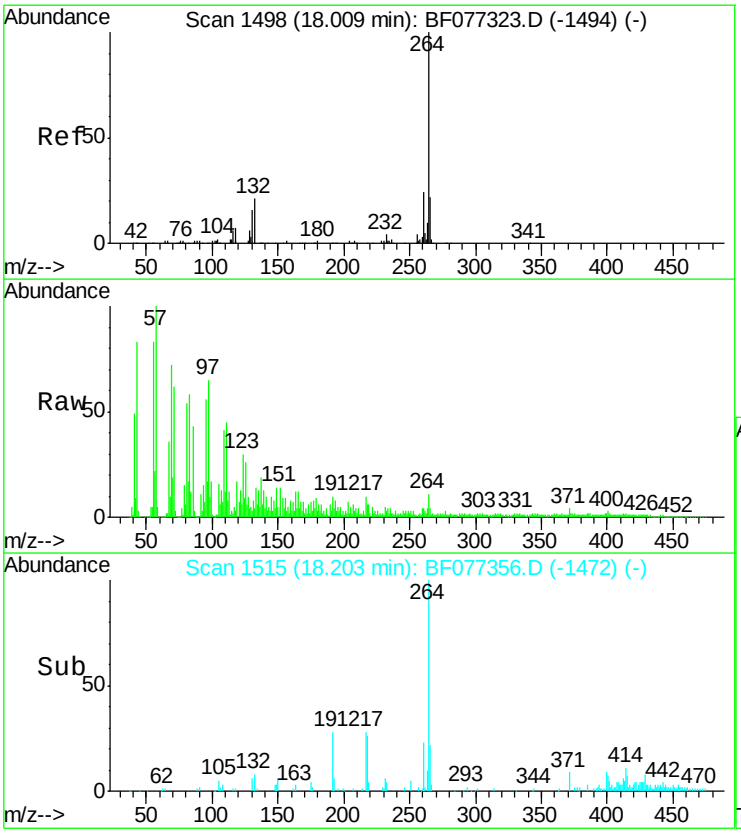
#78
Terphenyl-d14
Concen: 92.89 ng m
RT: 15.03 min Scan# 1237
Delta R.T. 0.05 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)

Tgt Ion:244 Resp: 282579

Ion	Ratio	Lower	Upper
244	100		
212	11.0	5.4	8.0#
122	34.7	9.3	13.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1515
Delta R.T. 0.19 min
Lab File: BF077356.D
Acq: 18 Feb 2015 17:09

Tgt Ion:264 Resp: 97111

Ion	Ratio	Lower	Upper
264	100		
260	34.5	18.9	28.3#
265	35.4	17.7	26.5#