Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087055.D
Acq On : 15 May 2016 8:15
Operator : UM/SJ
Sample : H3052-11
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Time: May 16 07:07:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	148333	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	545495	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	196782	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	434848	20.00	ng	0.01
75) Chrysene-d12	13.76	240	313049	20.00	ng	0.00
86) Perylene-d12	15.11	264	330143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	473995	54.12	ng	0.02
7) Phenol-d6	6.33	99	411871	35.18	ng	0.05
23) Nitrobenzene-d5	7.19	82	834429	76.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	271499	130.32	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	1067107	91.14	ng	0.01
78) Terphenyl-d14	12.72	244	836313	56.68	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.34	94	42854	3.08	ng	# 52
20) 3+4-Methylphenols	7.10	107	247200	22.50	ng	# 56

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

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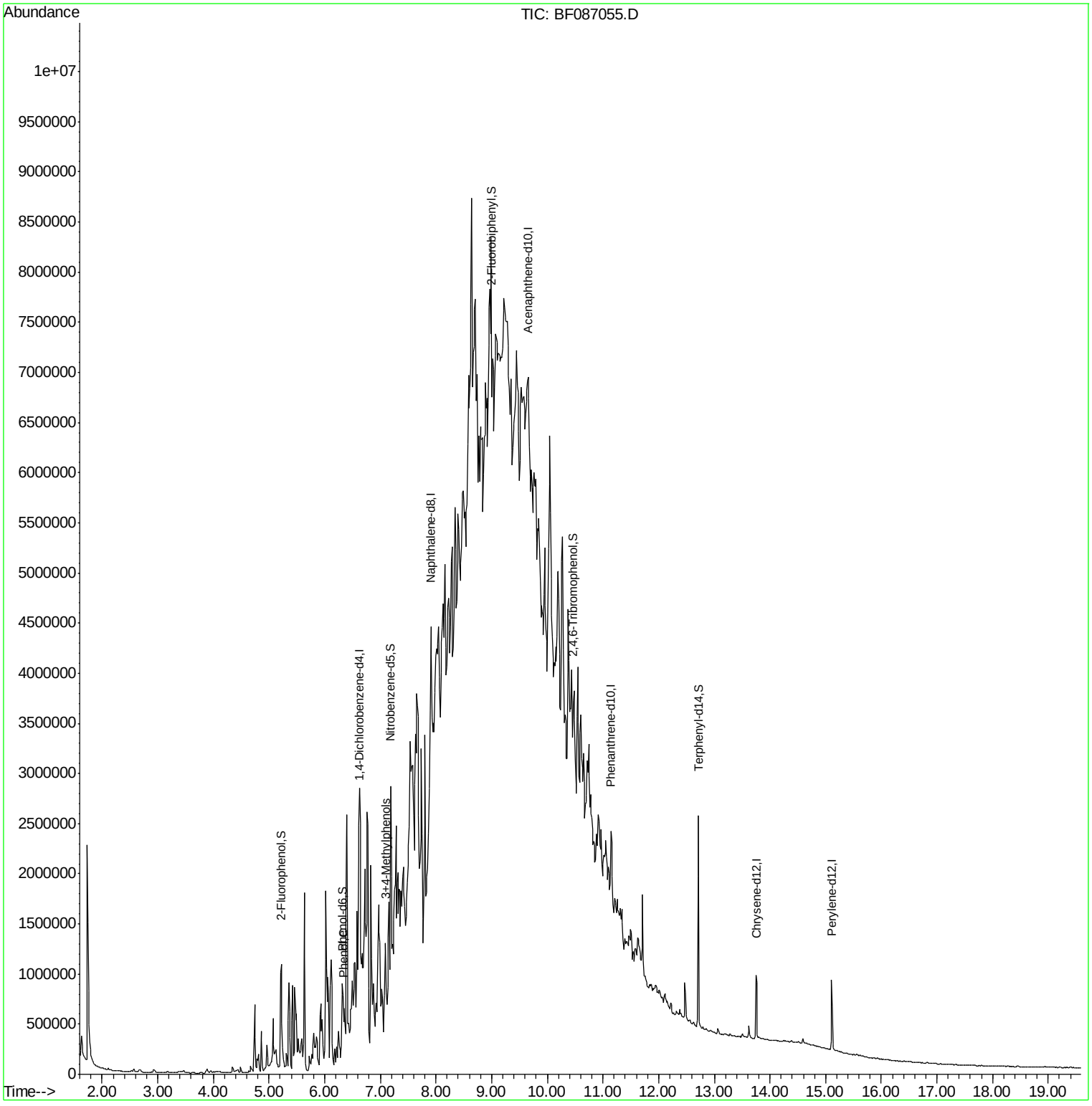
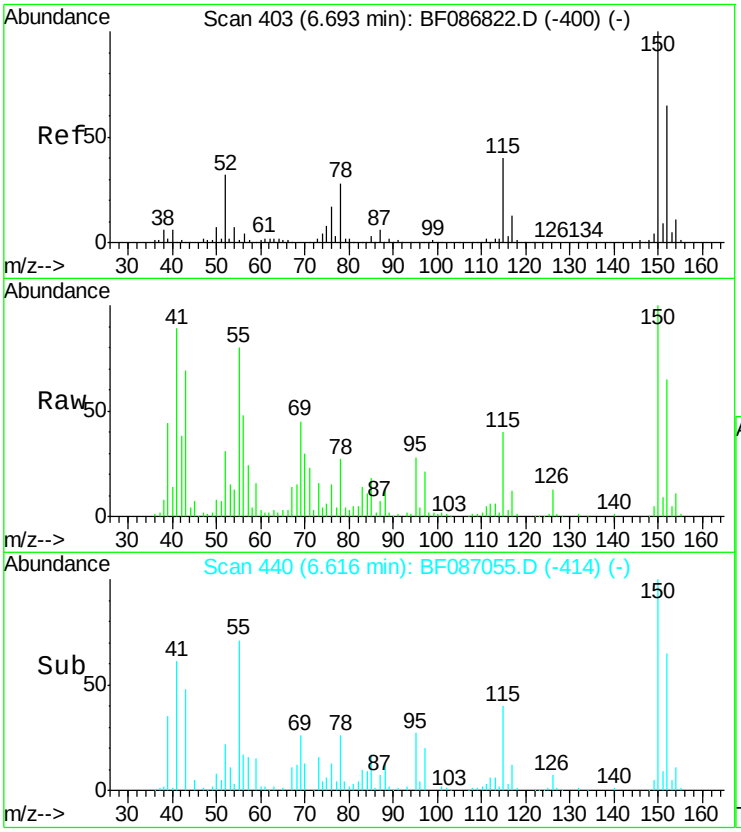


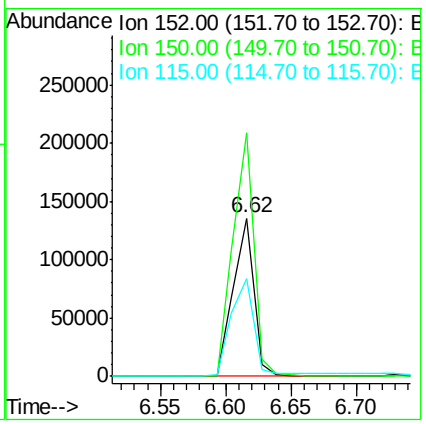


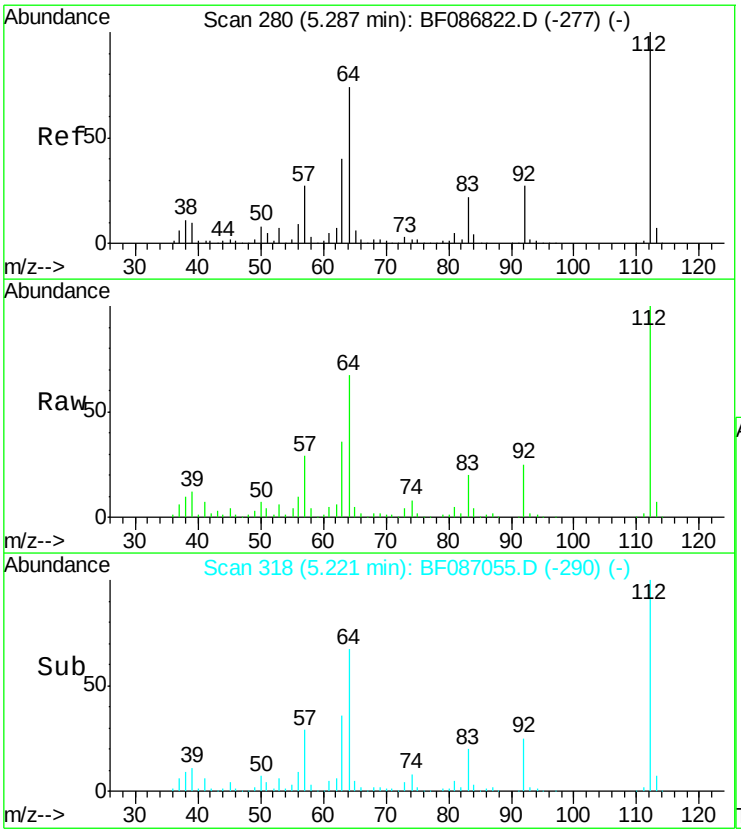
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 148333

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.8	188.6
115	61.8	51.5	77.3

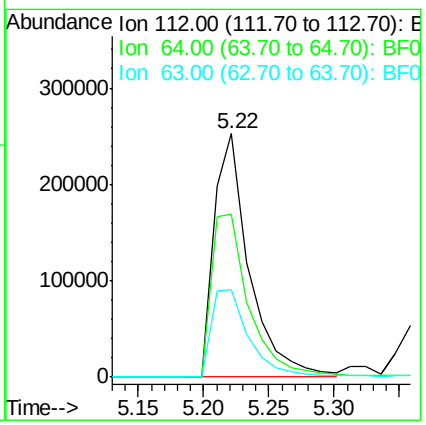


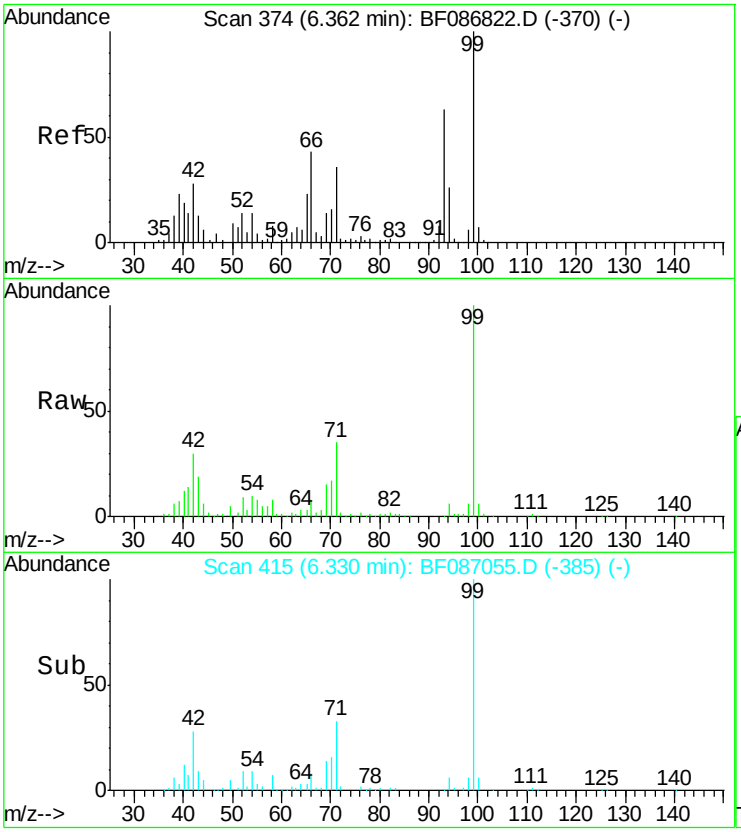


#5
2-Fluorophenol
Concen: 54.12 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:112 Resp: 473995

Ion	Ratio	Lower	Upper
112	100		
64	66.9	52.1	78.1
63	35.9	25.7	38.5



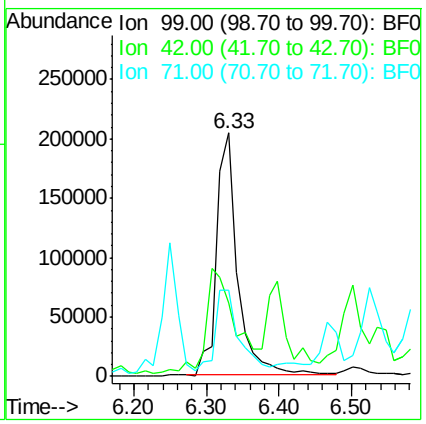


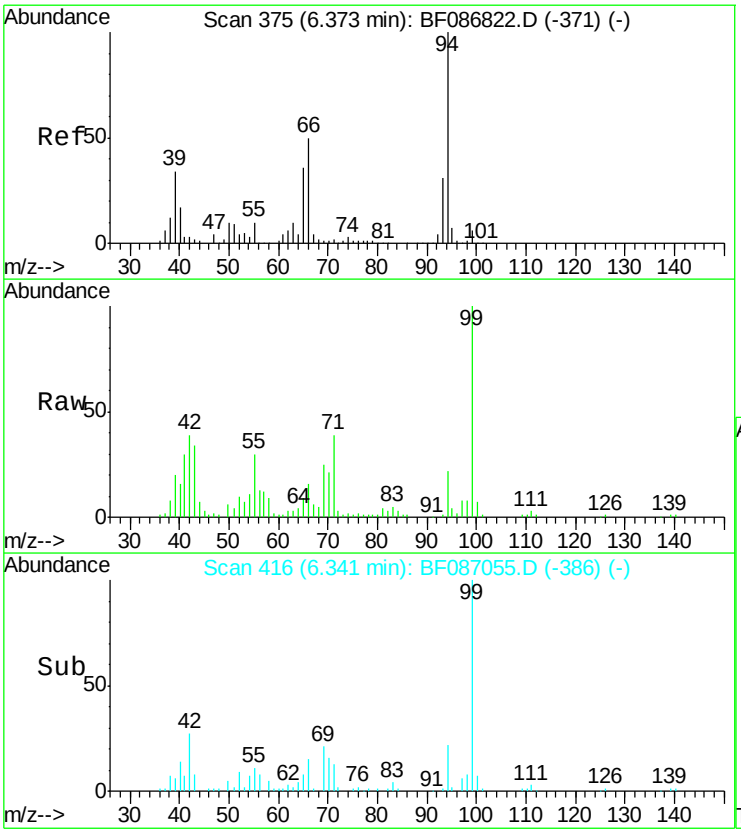
#7
Phenol-d6
Concen: 35.18 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 411871

Ion	Ratio	Lower	Upper
99	100		
42	30.0	13.6	20.4#
71	35.2	24.6	36.8

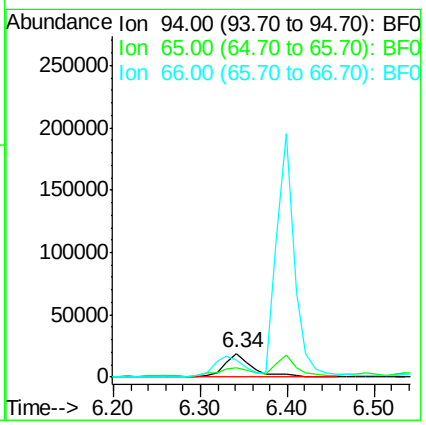


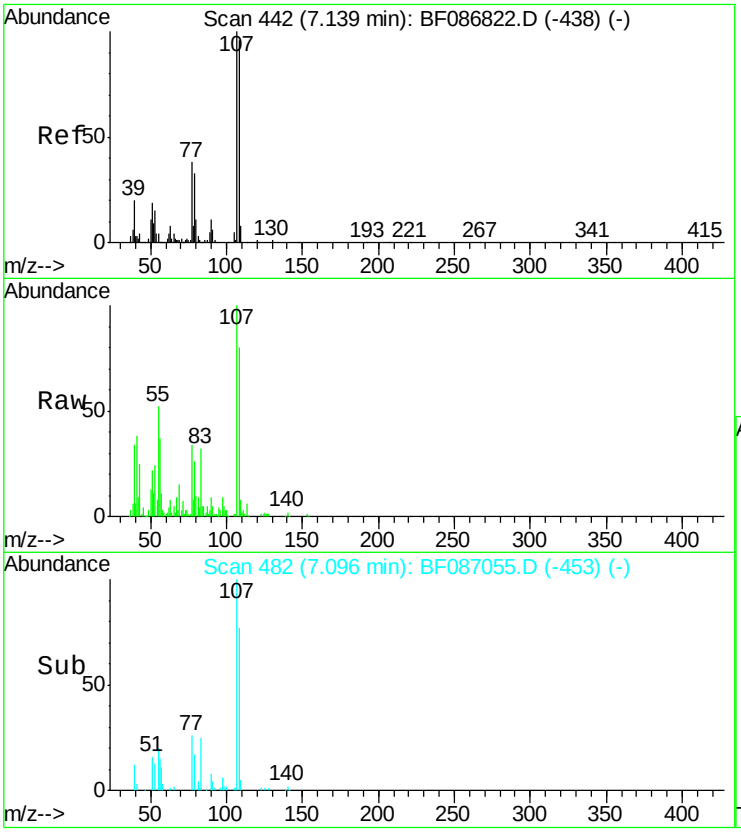


#10
Phenol
Concen: 3.08 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.05 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion: 94 Resp: 42854

Ion	Ratio	Lower	Upper
94	100		
65	41.2	7.2	47.2
66	71.9	14.9	54.9#



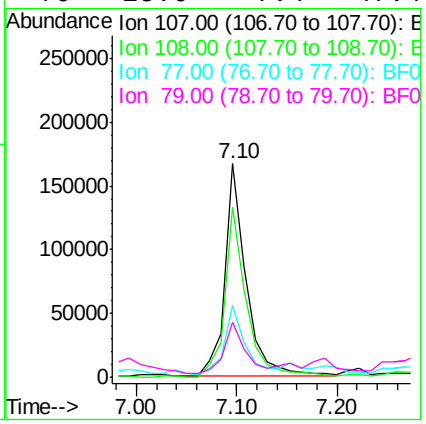


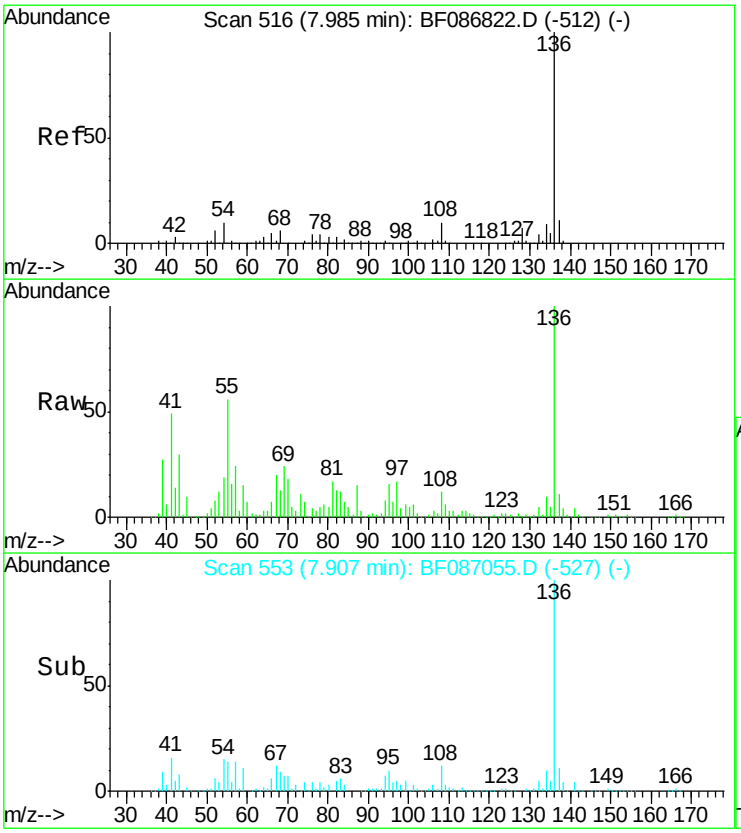
#20
3+4-Methylphenols
Concen: 22.50 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.03 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:107 Resp: 247200

Ion	Ratio	Lower	Upper
107	100		
108	79.7	68.5	108.5
77	33.7	101.6	141.6#
79	25.6	7.4	47.4

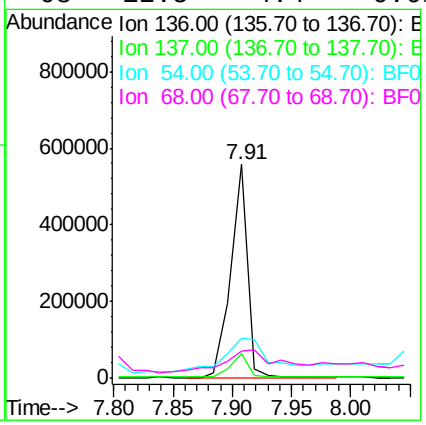


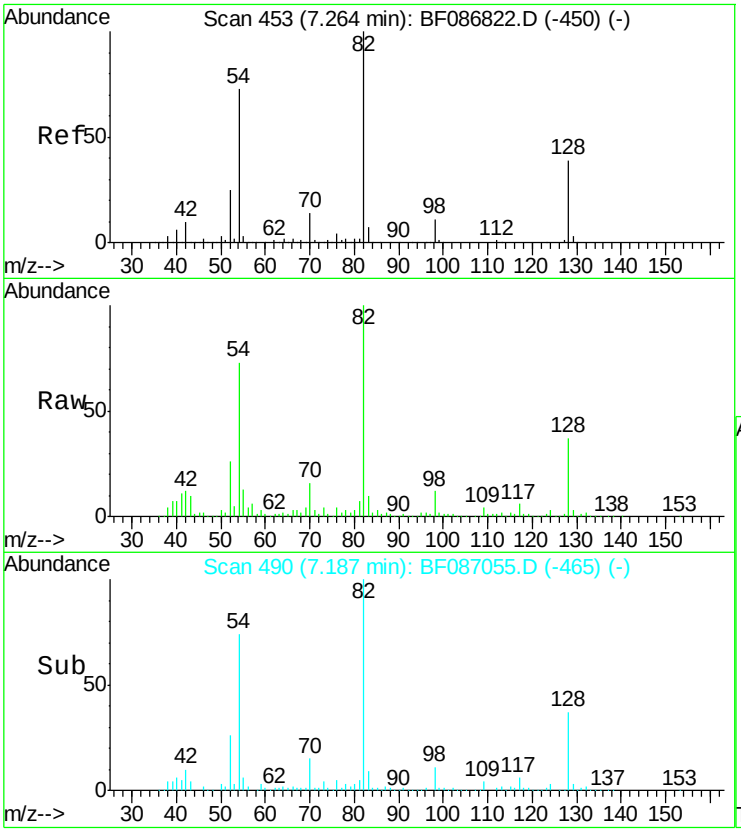


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:136 Resp: 545495

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	18.7	5.0	7.4#
68	12.5	4.4	6.6#



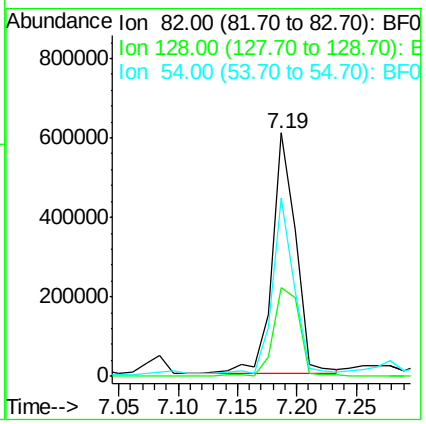


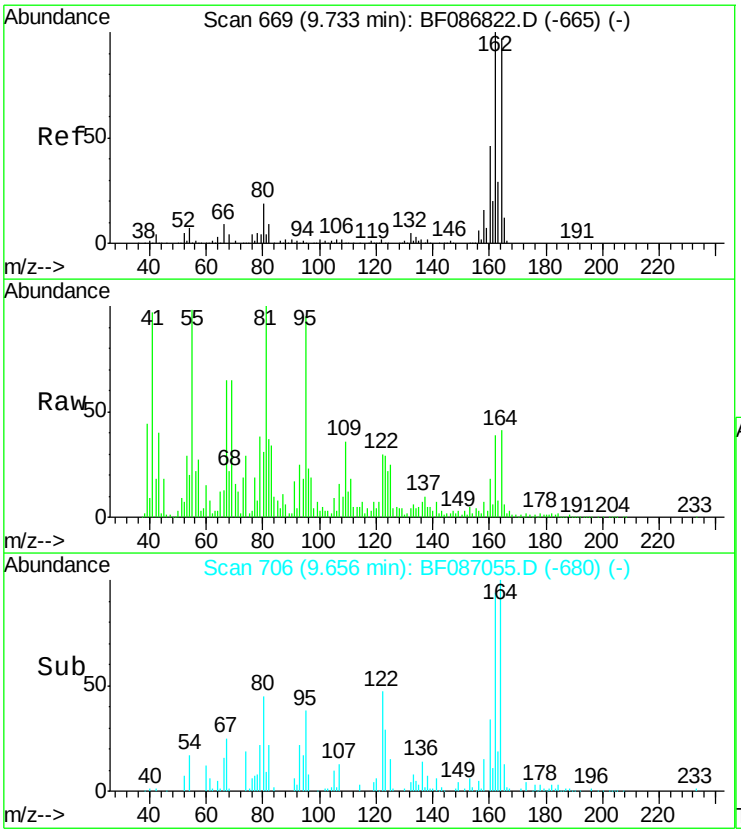
#23
Nitrobenzene-d5
Concen: 76.81 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 834429

Ion	Ratio	Lower	Upper
82	100		
128	36.5	40.6	61.0#
54	73.3	38.1	57.1#

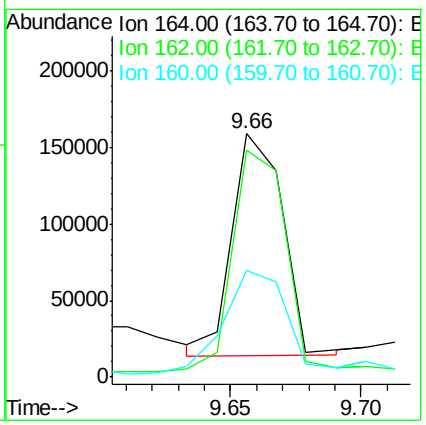


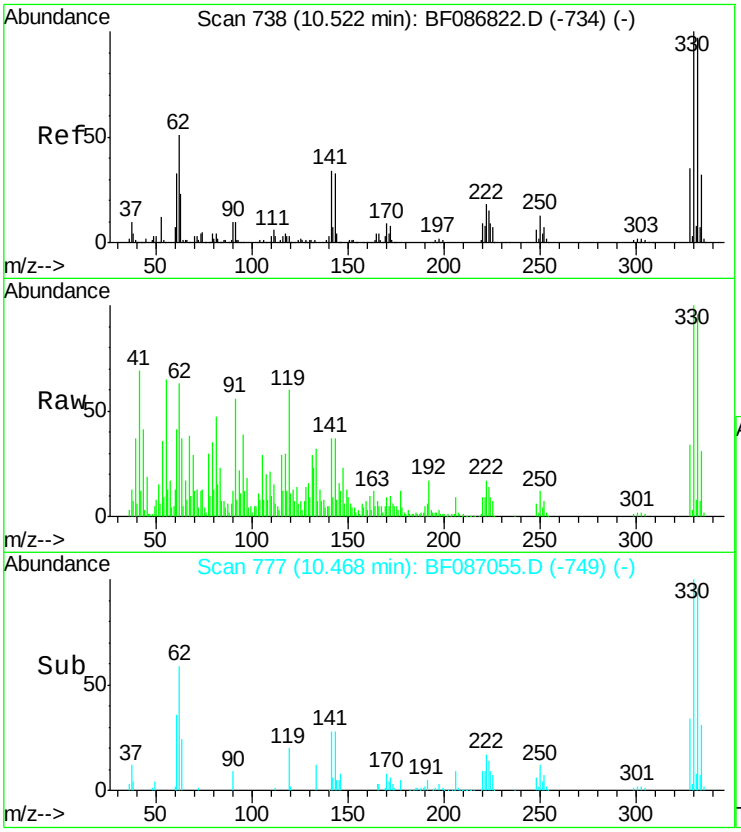


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:164 Resp: 196782

Ion	Ratio	Lower	Upper
164	100		
162	93.2	82.8	124.2
160	43.9	36.9	55.3



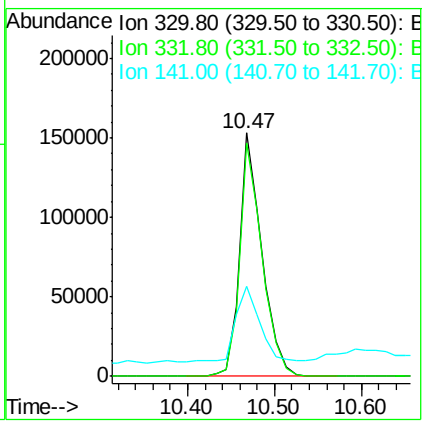


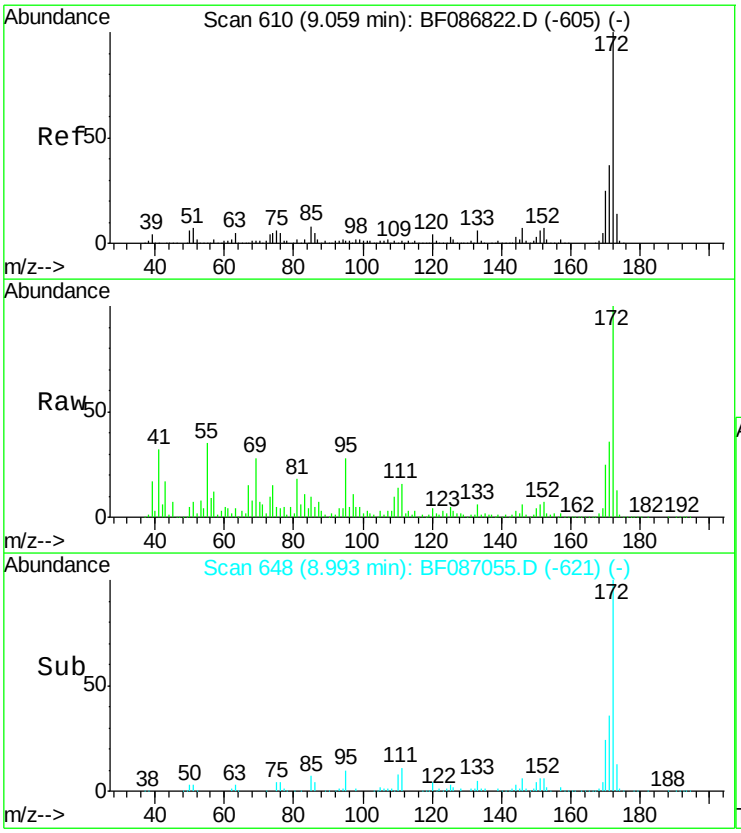
#41
2,4,6-Tribromophenol
Concen: 130.32 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.02 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:330 Resp: 271499

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	34.7	31.2	46.8

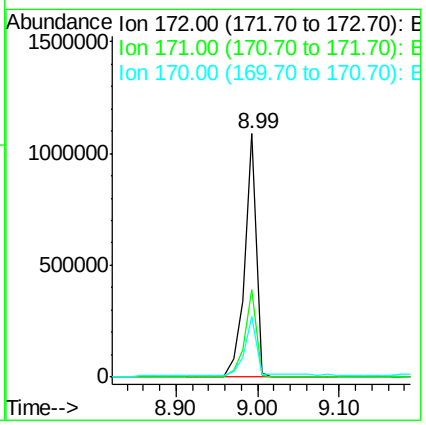


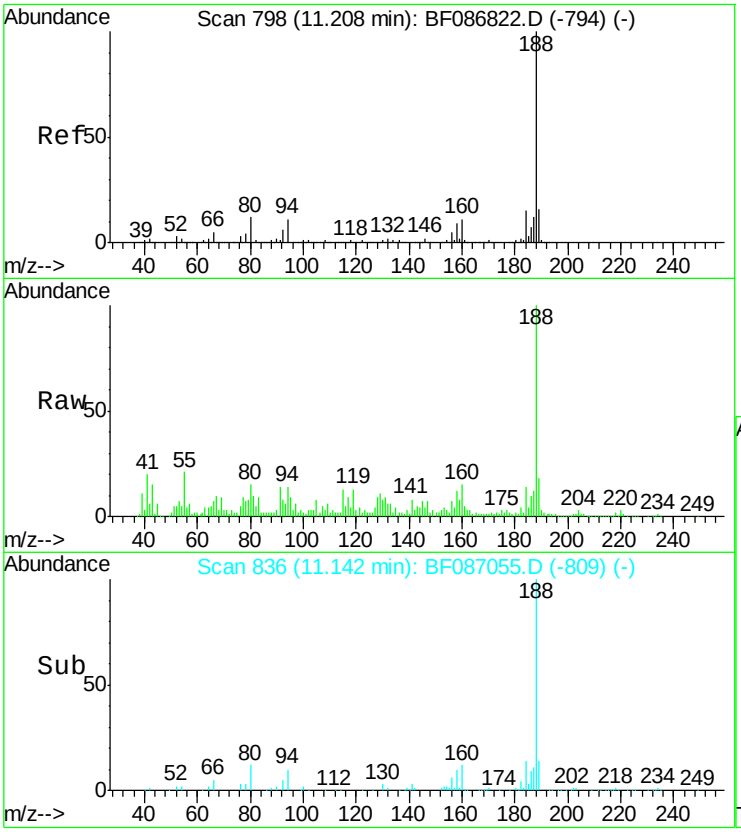


#44
2-Fluorobiphenyl
Concen: 91.14 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:172 Resp: 1067107

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.7	19.8	29.8



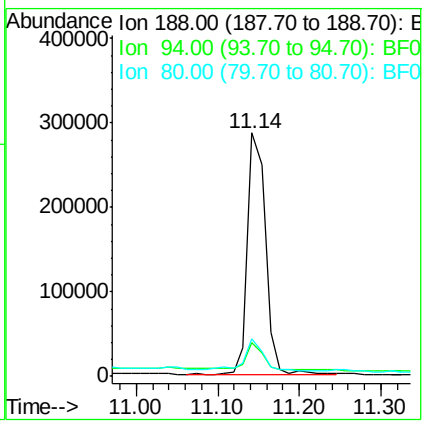


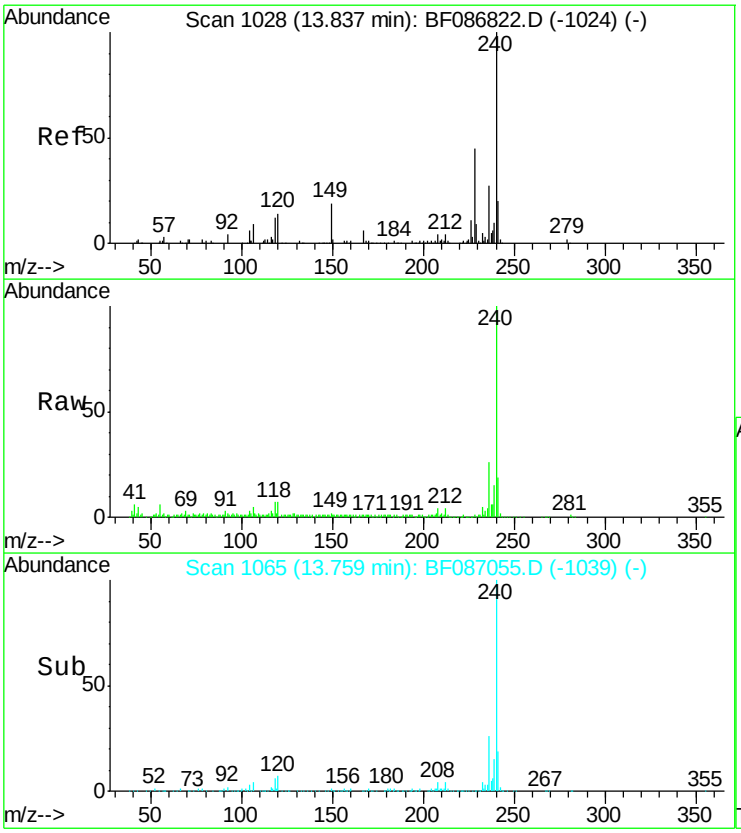
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 434848

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.8	10.2#
80	15.2	7.1	10.7#

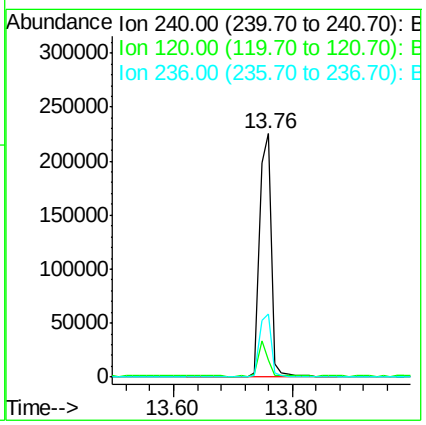


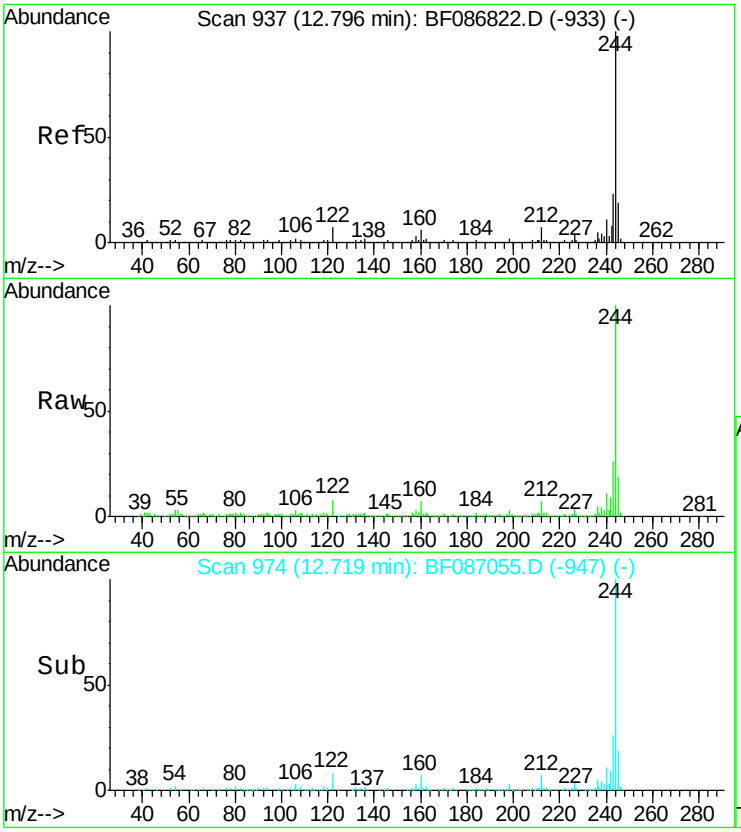


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:240 Resp: 313049

Ion	Ratio	Lower	Upper
240	100		
120	7.2	11.2	16.8#
236	26.0	21.2	31.8



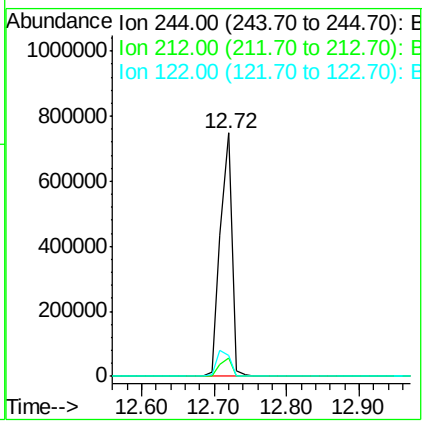


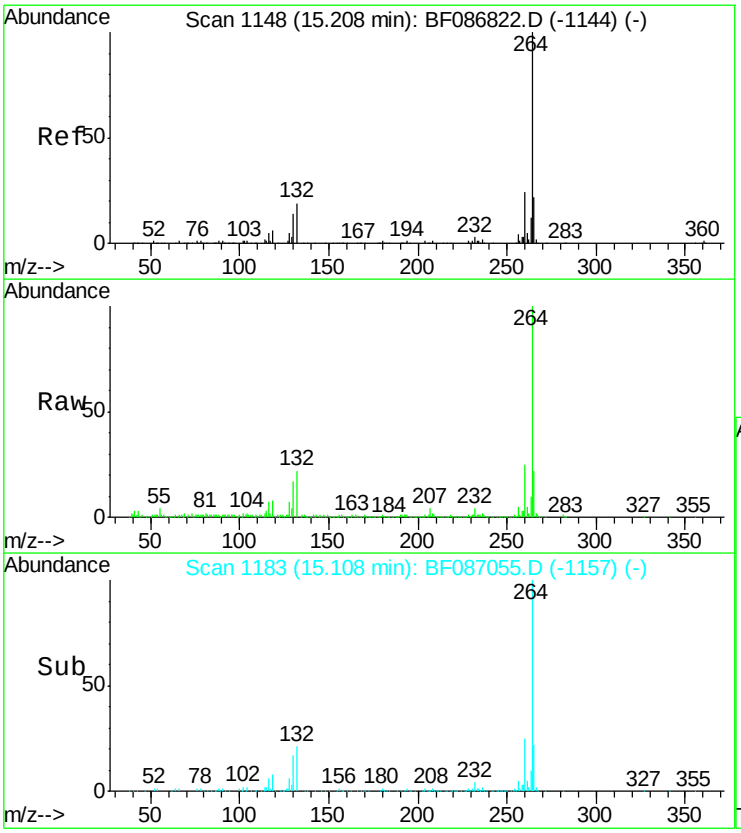
#78
Terphenyl-d14
Concen: 56.68 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:244 Resp: 836313

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.4	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087055.D
Acq: 15 May 2016 8:15

Tgt Ion:264 Resp: 330143

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	17.3	25.9