Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
Data File : BF082129.D
Acq On : 8 Oct 2015 16:03
Operator : UM/IZ
Sample : G3956-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TBTA-QMT-WASTE-RAGS

Quant Time: Oct 09 05:46:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 05:03:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85990	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	352745	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	177573	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	337773	20.00	ng		0.00
75) Chrysene-d12	14.04	240	319434	20.00	ng		-0.01
86) Perylene-d12	15.48	264	221250	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	611049	129.00	ng		0.02
7) Phenol-d6	6.50	99	706725	118.57	ng		0.01
23) Nitrobenzene-d5	7.43	82	518425	97.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	253916	141.19	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1112533	111.48	ng		0.00
78) Terphenyl-d14	12.98	244	1040269	117.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	280365	41.93	ng		75
59) Diethylphthalate	10.32	149	28670	2.50	ng		95
61) 4-Nitroaniline	10.49	138	15029	4.87	ng	#	60

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

Quantitation Report (QT Reviewed)

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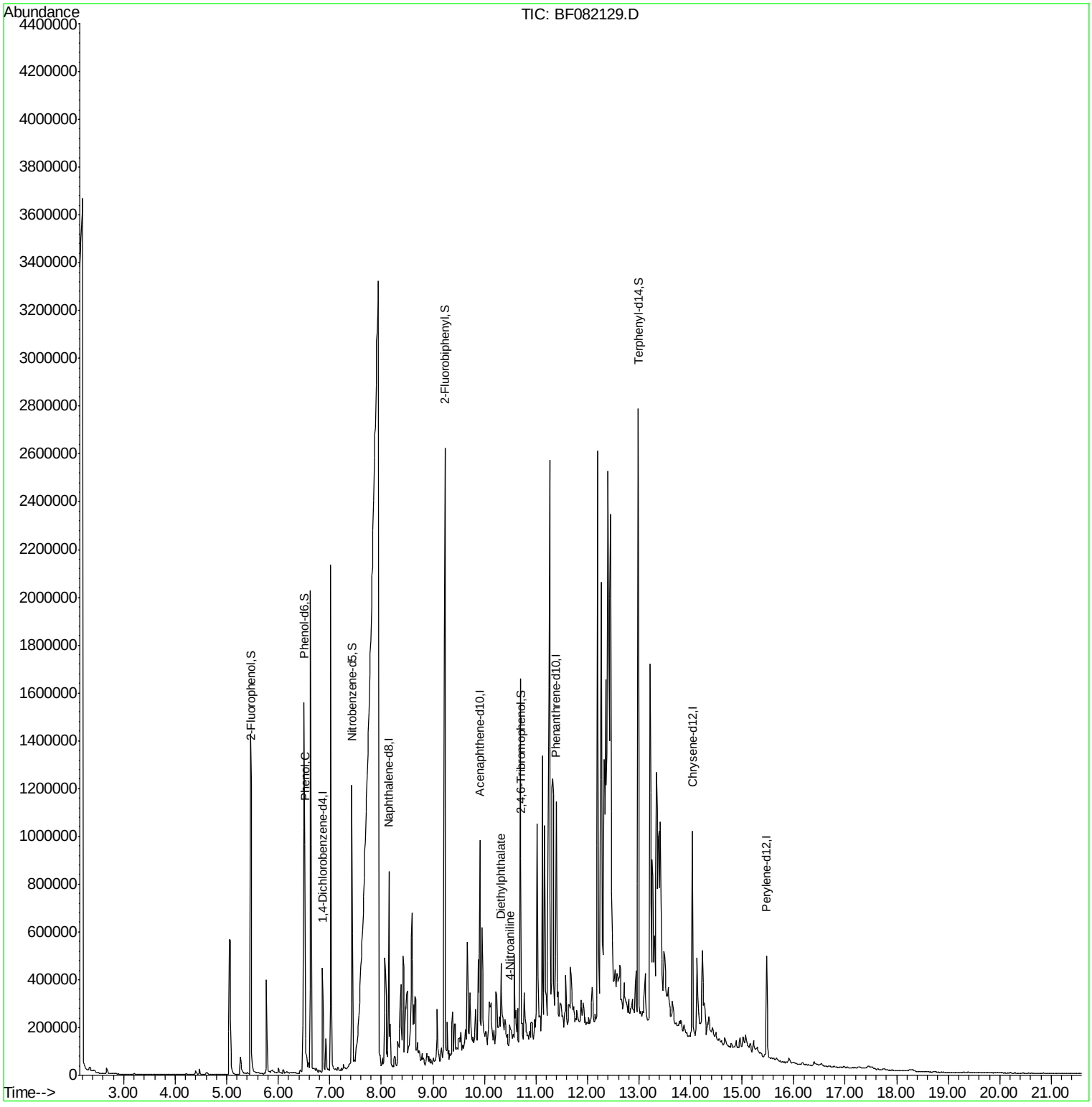
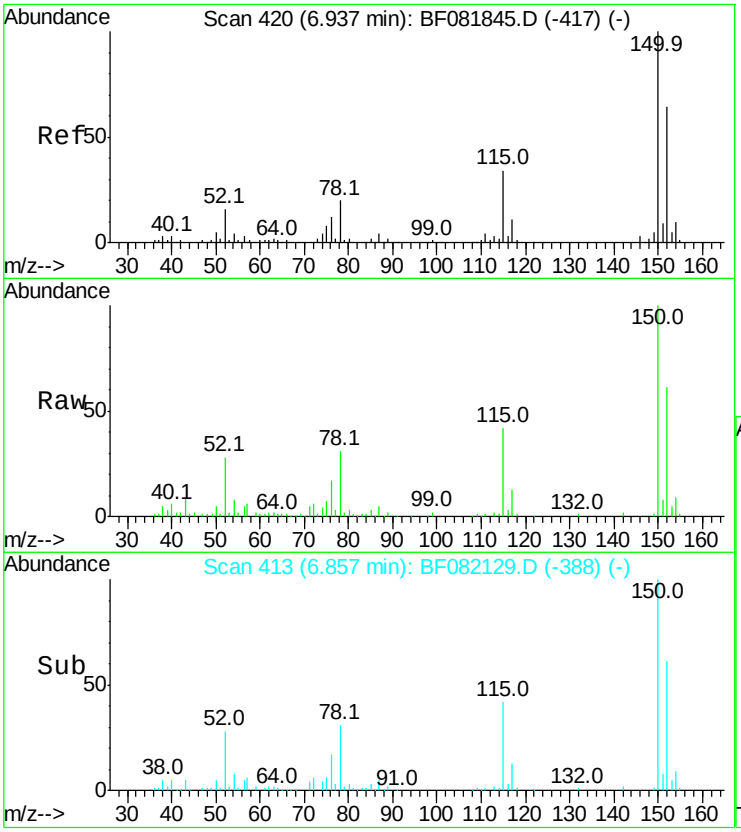


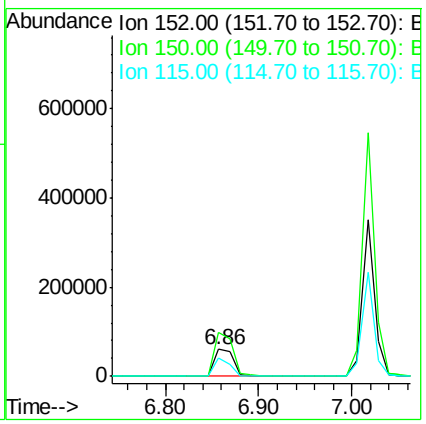


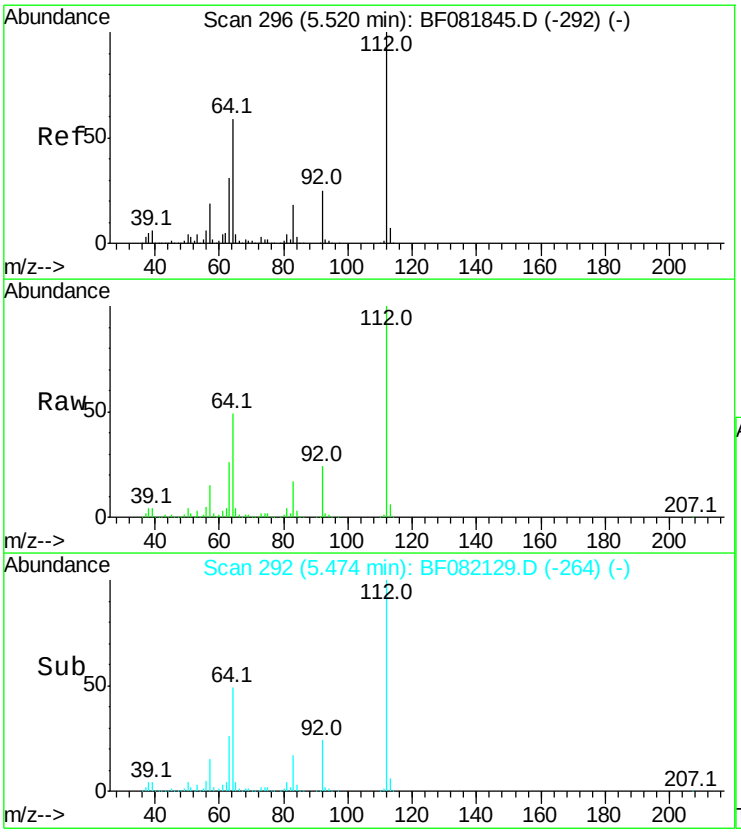
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:152 Resp: 85990

Ion	Ratio	Lower	Upper
152	100		
150	164.4	124.7	187.1
115	69.0	39.0	58.4#

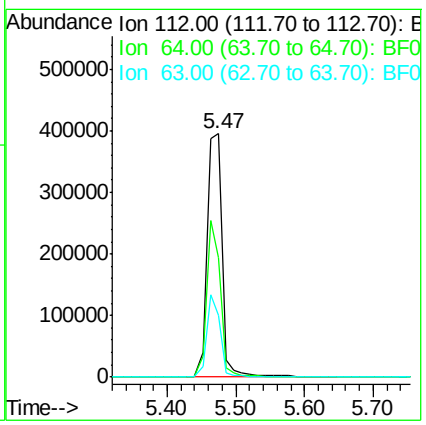


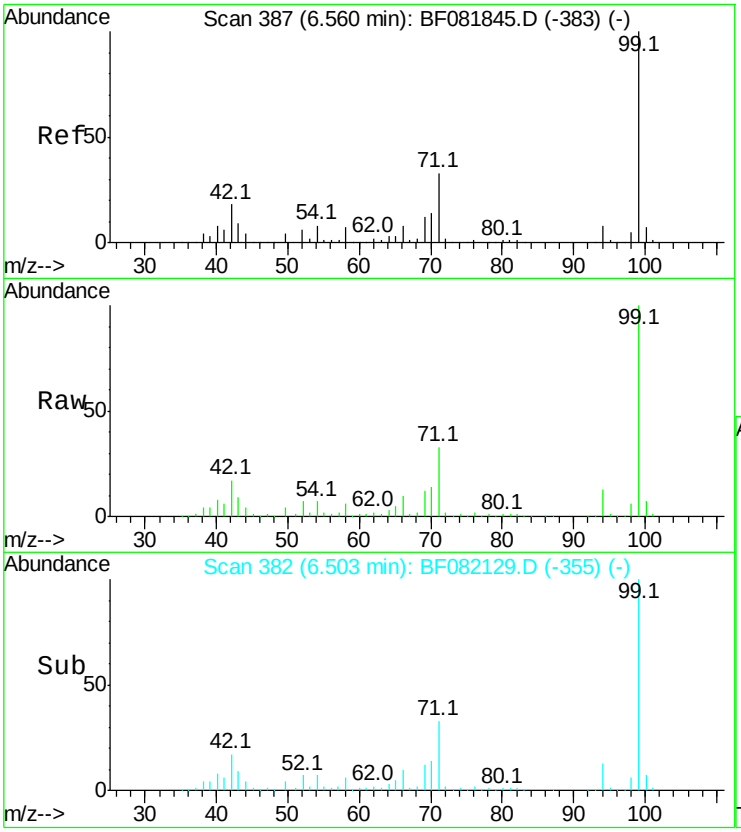


#5
2-Fluorophenol
Concen: 129.00 ng
RT: 5.47 min Scan# 292
Delta R.T. 0.02 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:112 Resp: 611049

Ion	Ratio	Lower	Upper
112	100		
64	49.1	39.7	59.5
63	25.6	17.4	26.0



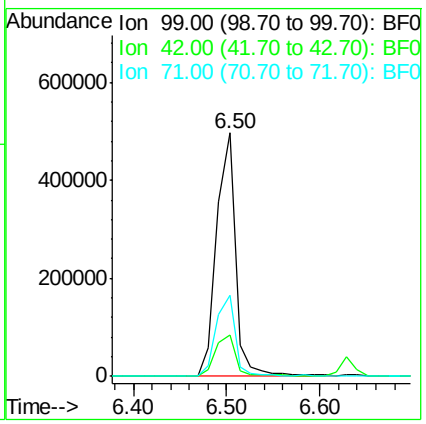


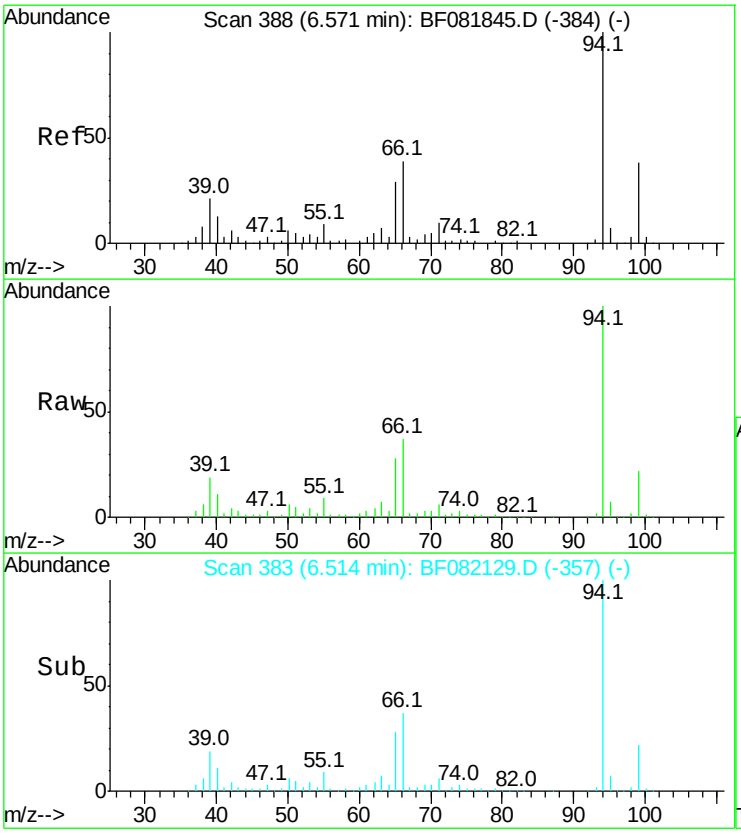
#7
Phenol-d6
Concen: 118.57 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion: 99 Resp: 706725

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	33.2	14.2	21.2#

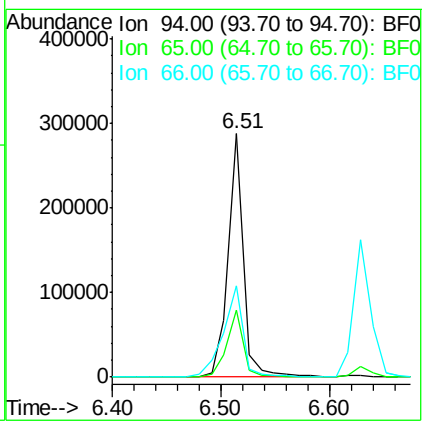


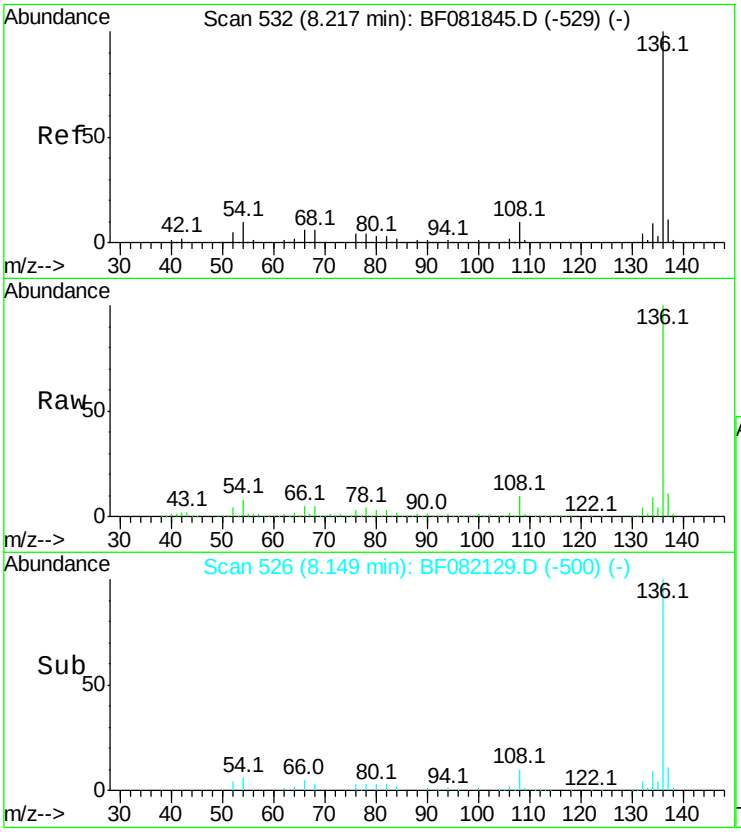


#10
Phenol
Concen: 41.93 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion: 94 Resp: 280365

Ion	Ratio	Lower	Upper
94	100		
65	27.7	0.7	40.7
66	37.4	0.8	40.8



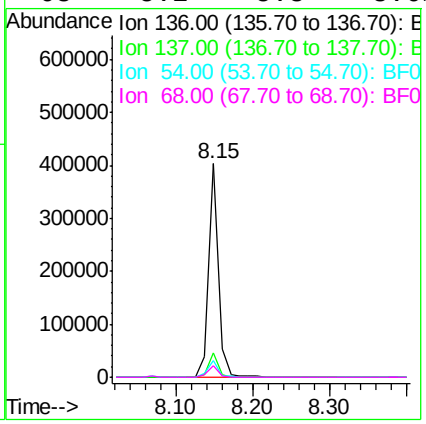


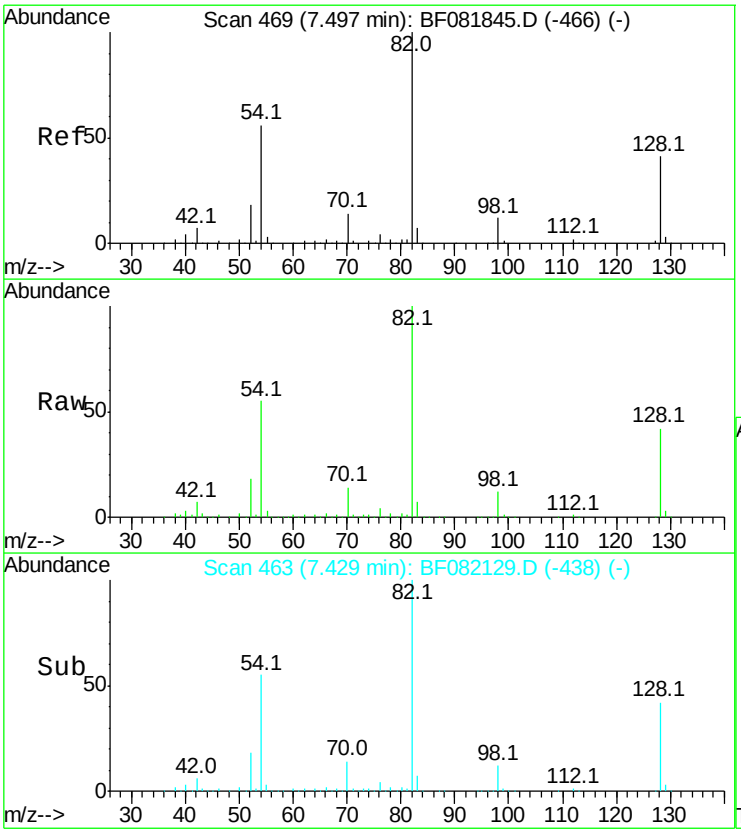
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:136 Resp: 352745

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	8.2	12.2#
68	5.2	5.8	8.6#

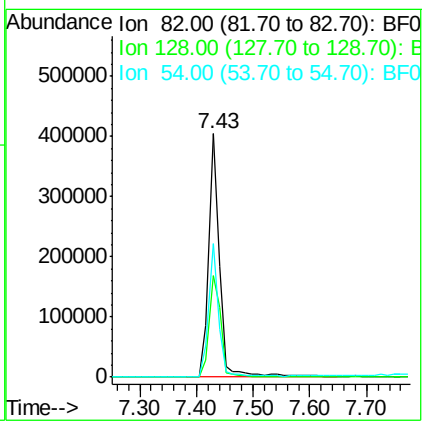


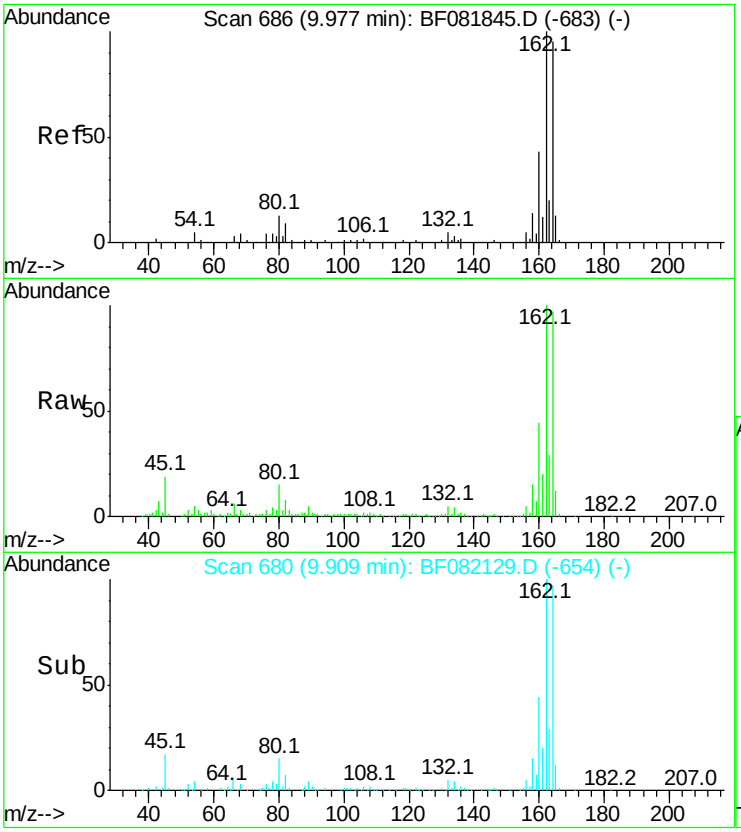


#23
Nitrobenzene-d5
Concen: 97.97 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion: 82 Resp: 518425

Ion	Ratio	Lower	Upper
82	100		
128	41.6	51.0	76.6#
54	54.8	47.5	71.3



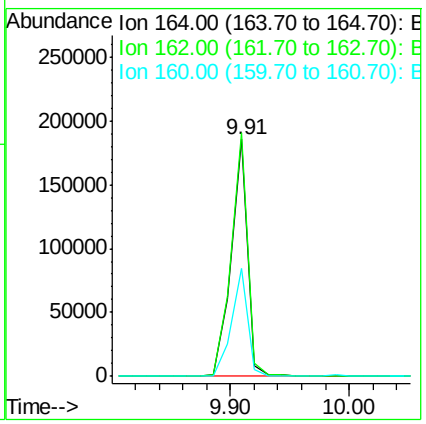


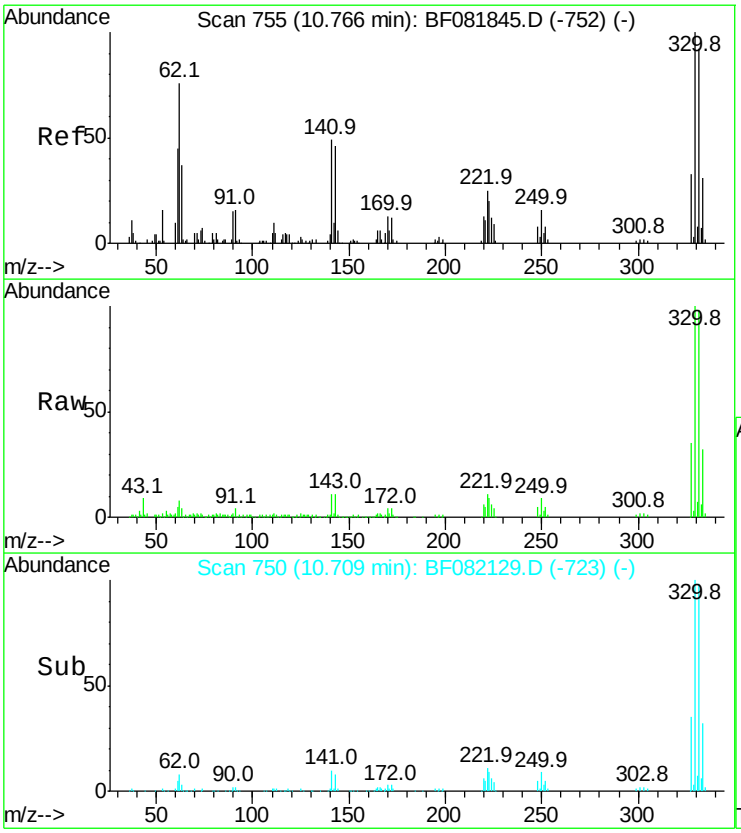
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:164 Resp: 177573

Ion	Ratio	Lower	Upper
164	100		
162	102.8	75.2	112.8
160	45.7	31.5	47.3

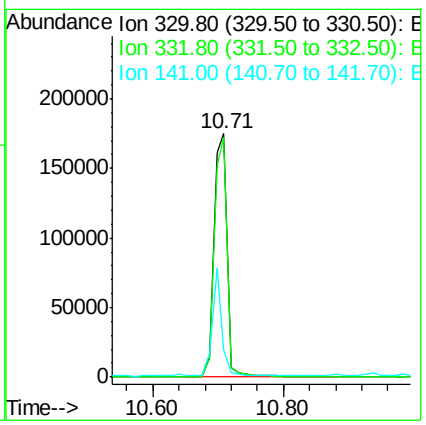


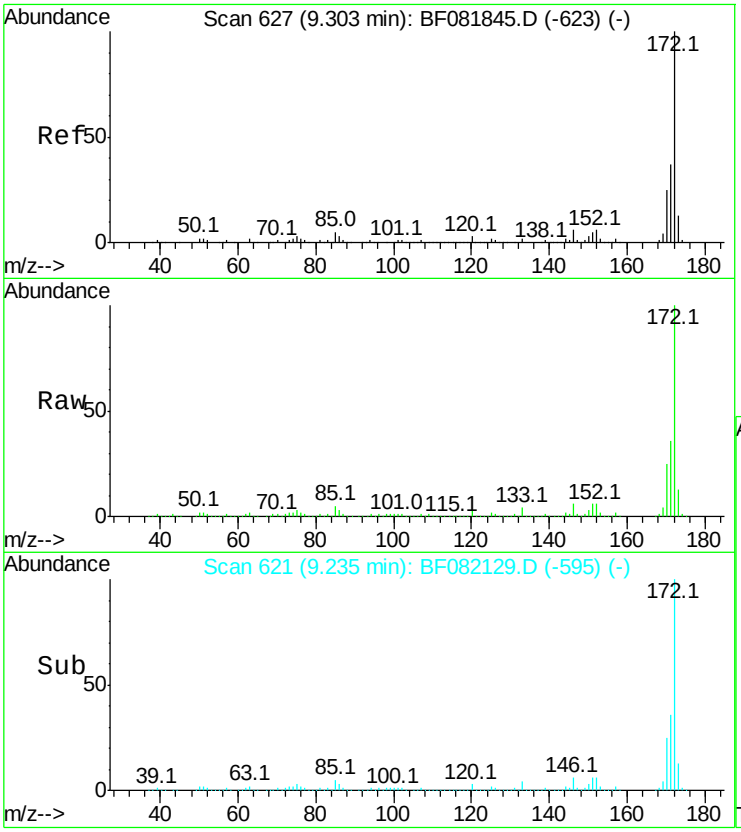


#41
2,4,6-Tribromophenol
Concen: 141.19 ng
RT: 10.71 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:330 Resp: 253916

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	30.8	29.7	44.5



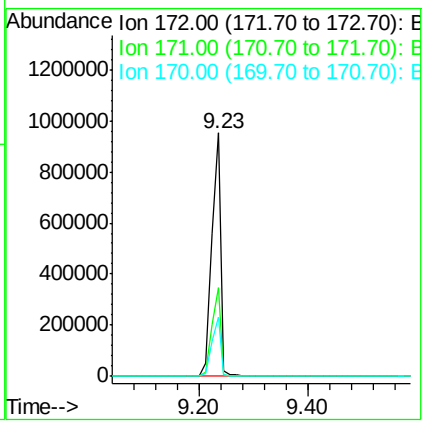


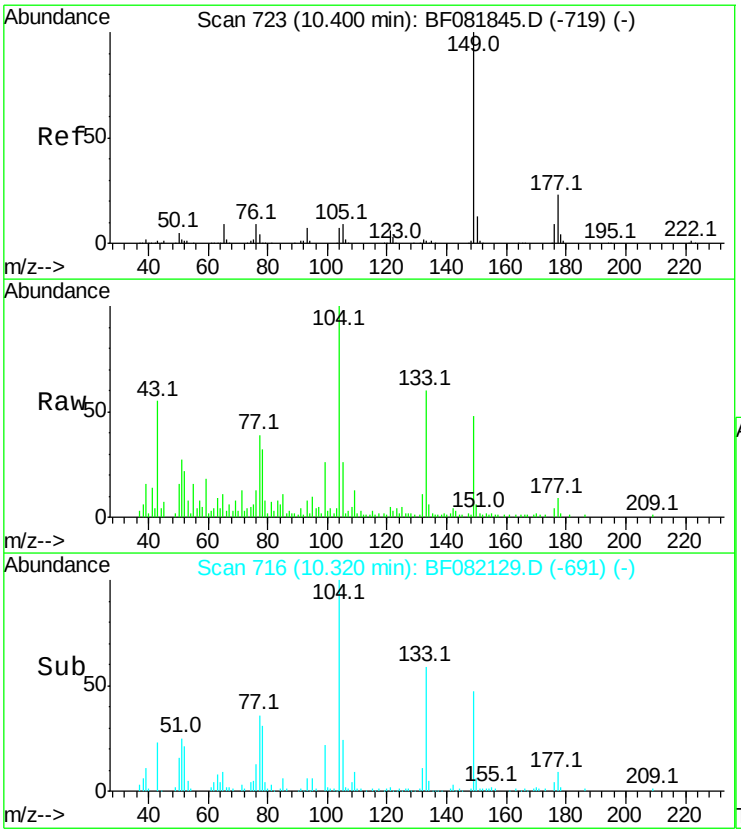
#44
2-Fluorobiphenyl
Concen: 111.48 ng
RT: 9.23 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:172 Resp: 1112533

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.5	17.4	26.2

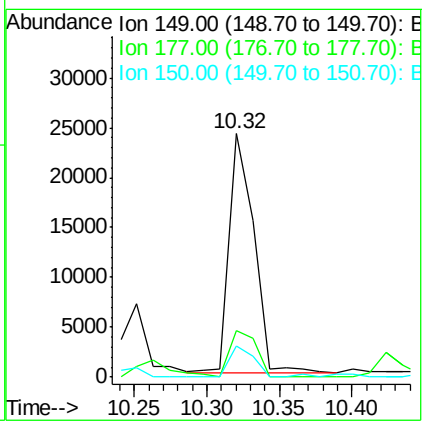


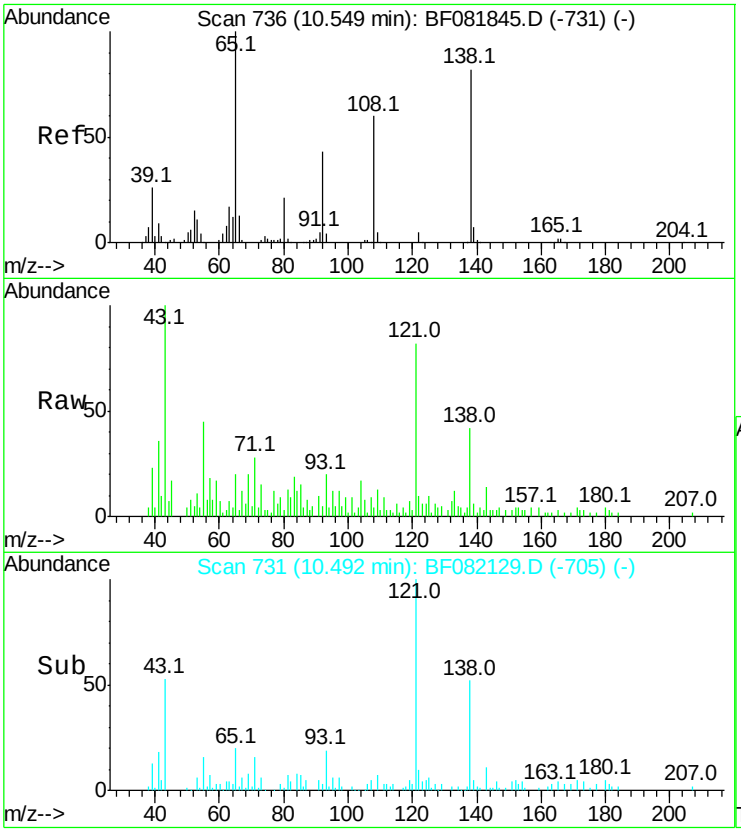


#59
Diethylphthalate
Concen: 2.50 ng
RT: 10.32 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:149 Resp: 28670

Ion	Ratio	Lower	Upper
149	100		
177	18.9	17.5	26.3
150	12.8	9.4	14.2



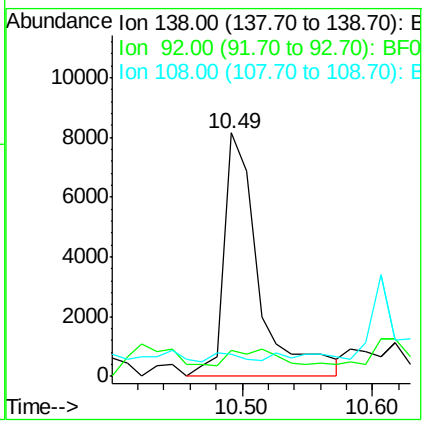


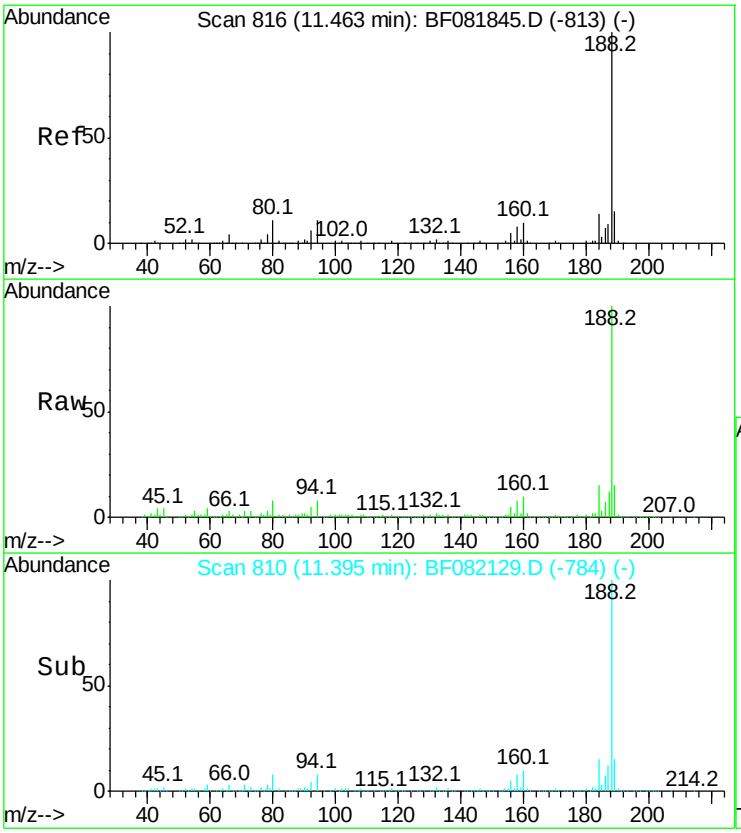
#61
4-Nitroaniline
Concen: 4.87 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:138 Resp: 15029

Ion	Ratio	Lower	Upper
138	100		
92	10.6	12.6	52.6#
108	9.0	12.4	52.4#

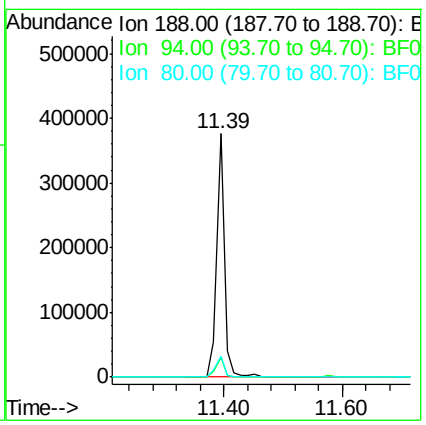


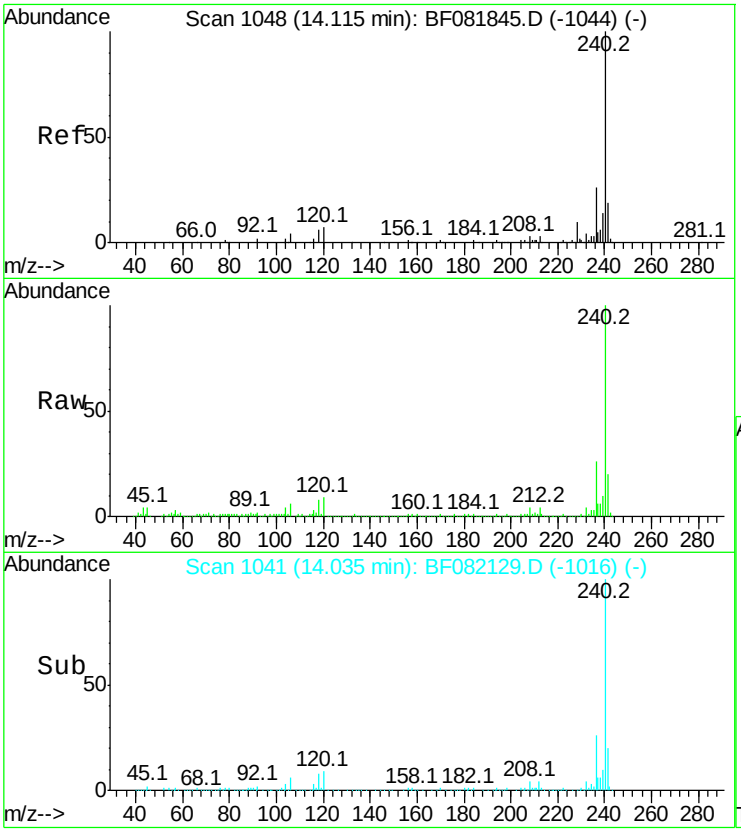


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:188 Resp: 337773

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	8.5	11.0	16.4#



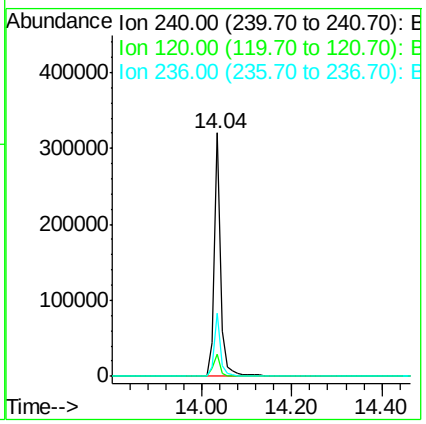


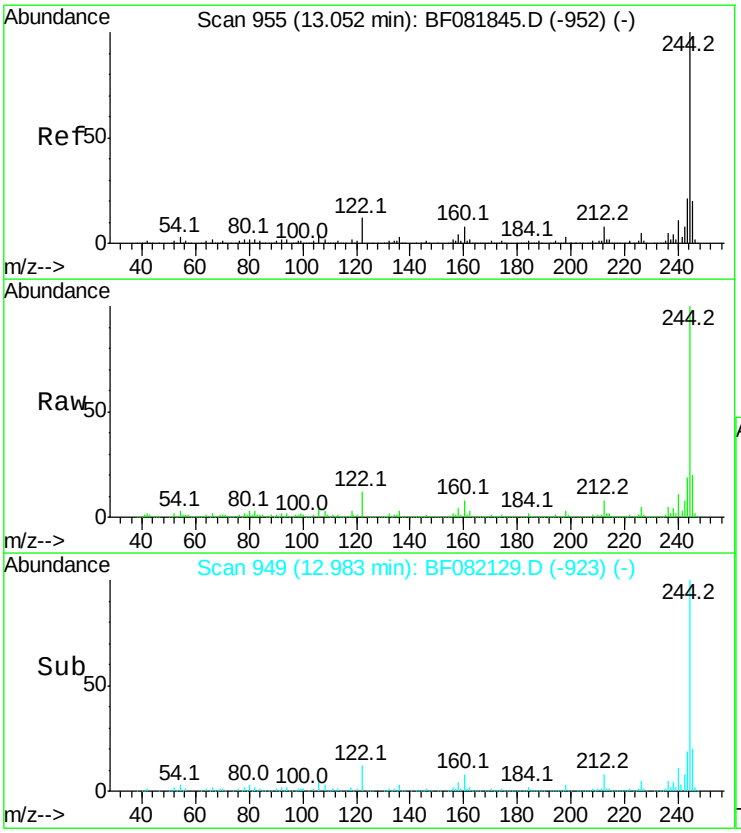
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:240 Resp: 319434

Ion	Ratio	Lower	Upper
240	100		
120	9.3	16.2	24.2#
236	26.1	18.4	27.6

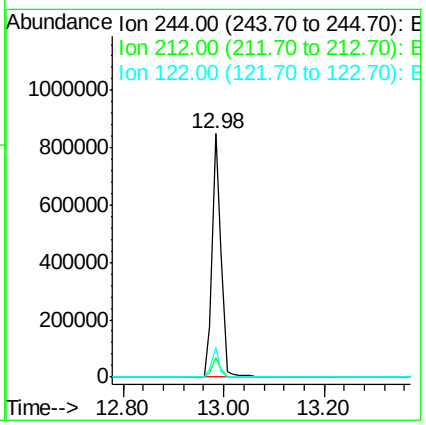


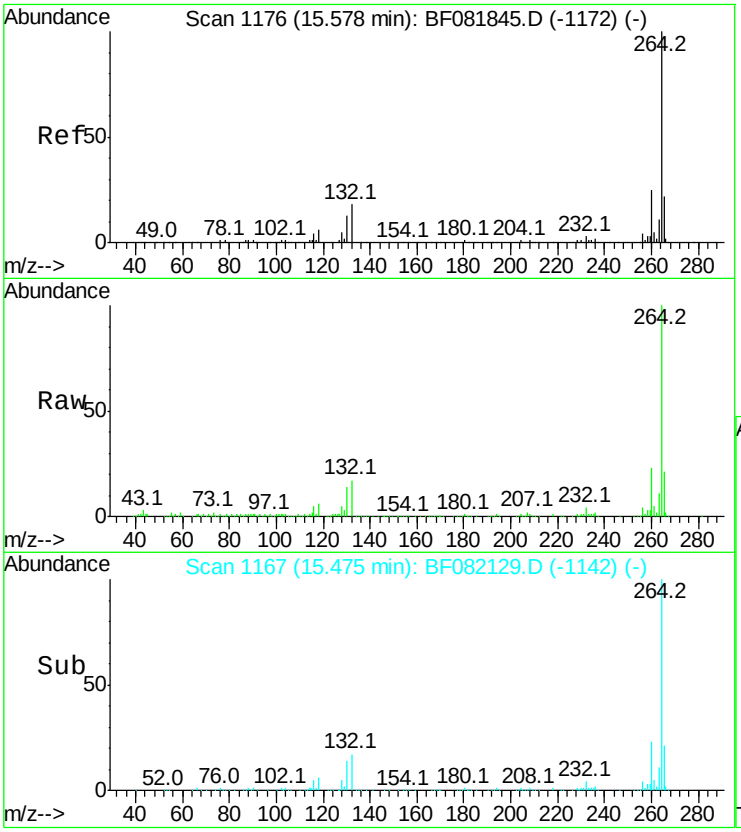


#78
Terphenyl-d14
Concen: 117.07 ng
RT: 12.98 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Tgt Ion:244 Resp: 1040269

Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	12.2	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082129.D
Acq: 8 Oct 2015 16:03

Instrument :
BNA_F
ClientSampleId :
TBTA-QMT-WASTE-RAGS

Tgt Ion:264 Resp: 221250

Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	21.1	17.2	25.8