Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083870.D
Acq On : 17 Dec 2015 6:20
Operator : UM/SJ
Sample : G4775-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-B-20150873

Quant Time: Dec 17 08:21:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105887	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	485246	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	219992	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	419399	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	273779	20.00	ng	-0.03
86) Perylene-d12	15.49	264	232882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	593822	90.47	ng	-0.01
7) Phenol-d6	6.53	99	719351	86.54	ng	-0.01
23) Nitrobenzene-d5	7.46	82	509160	58.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	203080	90.59	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	902243	54.21	ng	-0.03
78) Terphenyl-d14	13.00	244	950858	74.71	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.20	128	195909	7.74	ng	98
51) Acenaphthene	9.96	154	30581	2.09	ng	97

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

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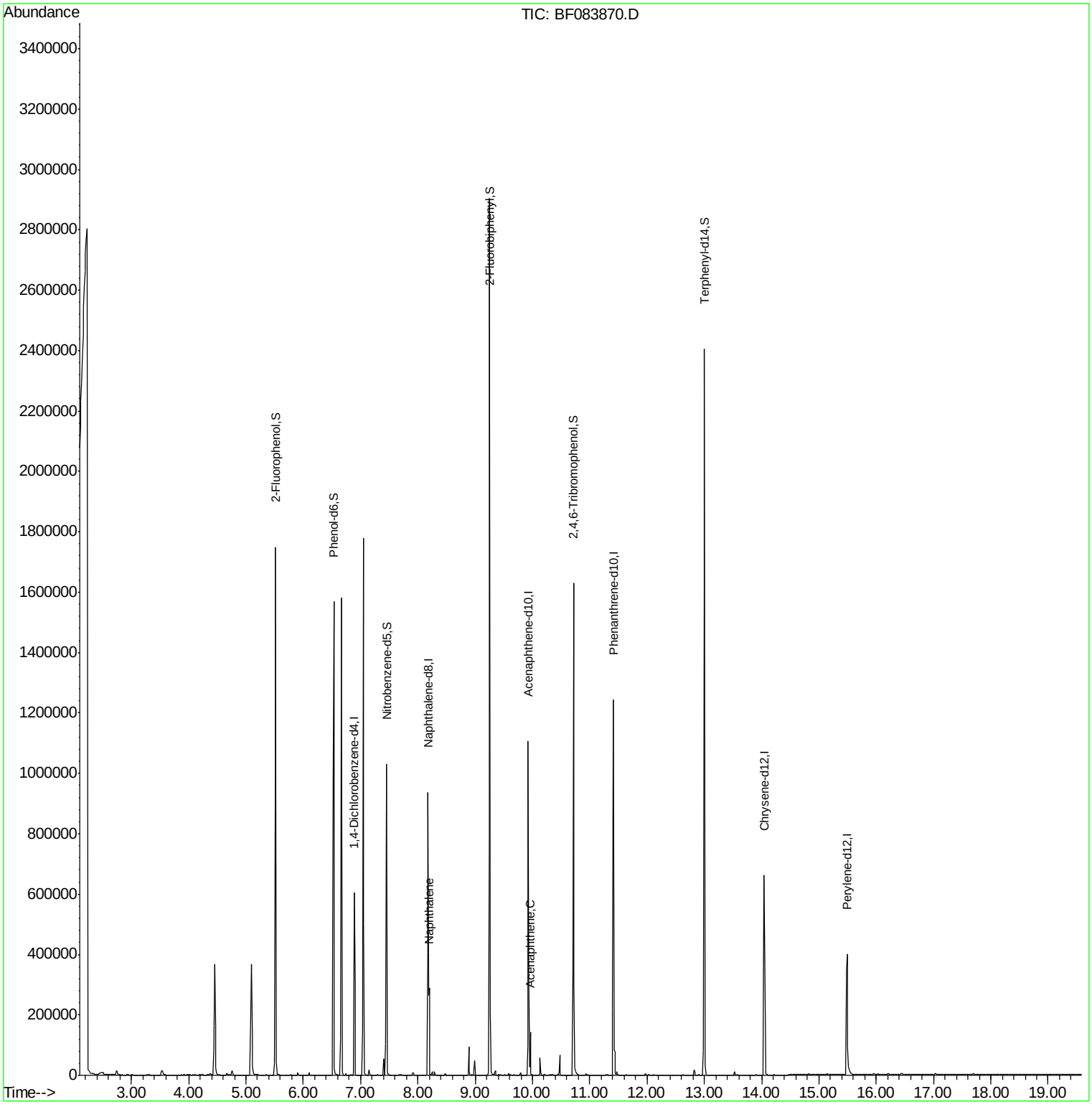
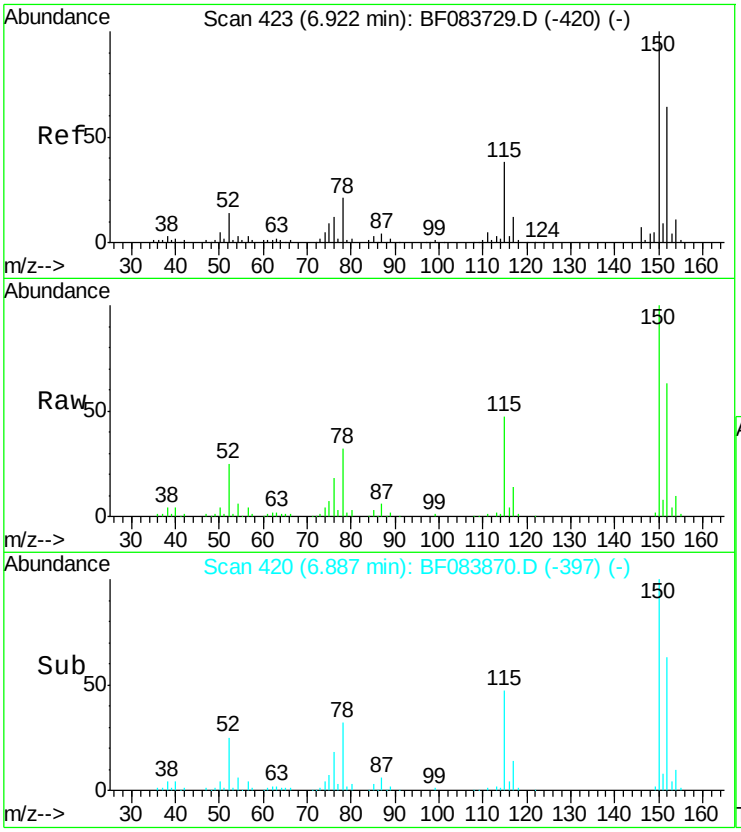


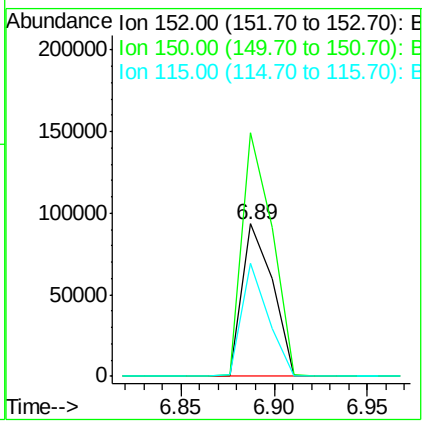


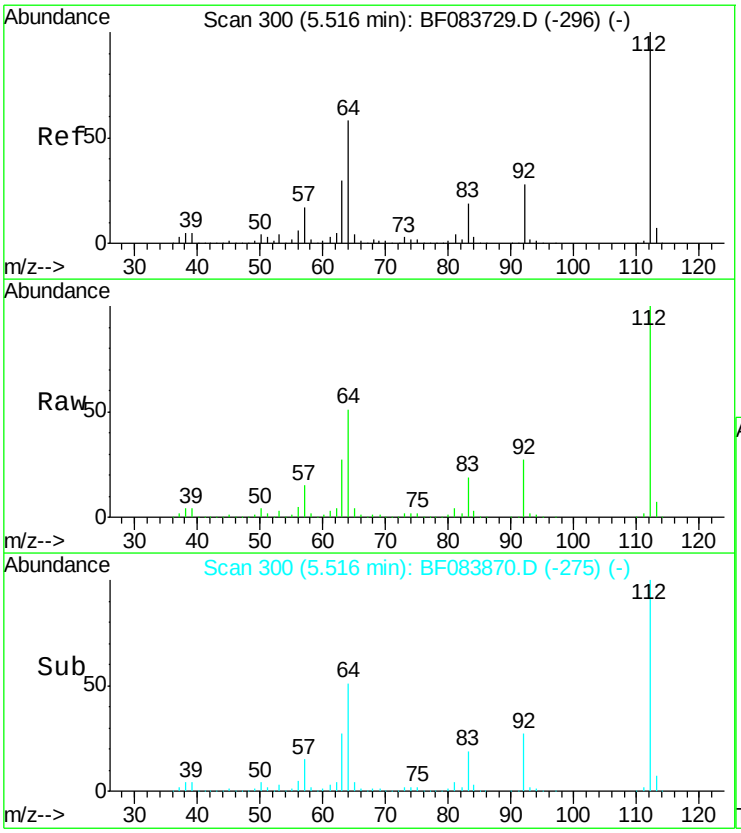
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:152 Resp: 105887

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.5	189.7
115	74.5	52.3	78.5

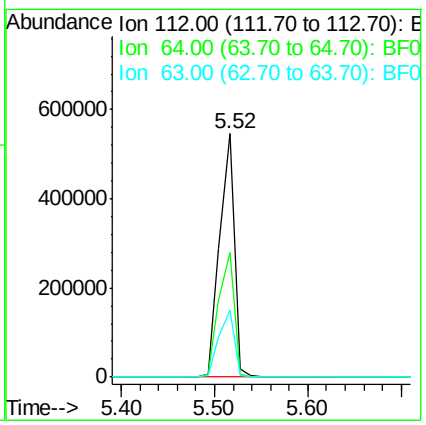


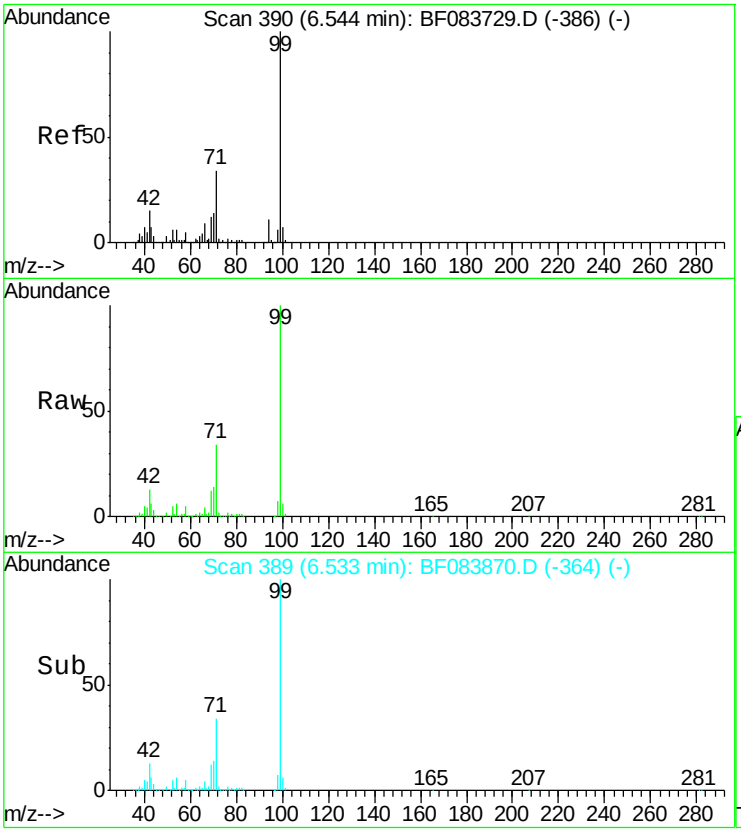


#5
2-Fluorophenol
Concen: 90.47 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:112 Resp: 593822

Ion	Ratio	Lower	Upper
112	100		
64	51.0	50.5	75.7
63	27.4	25.8	38.6



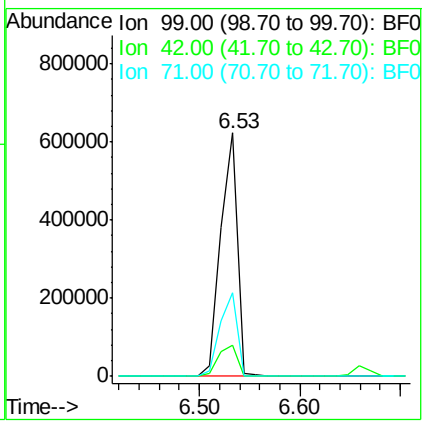


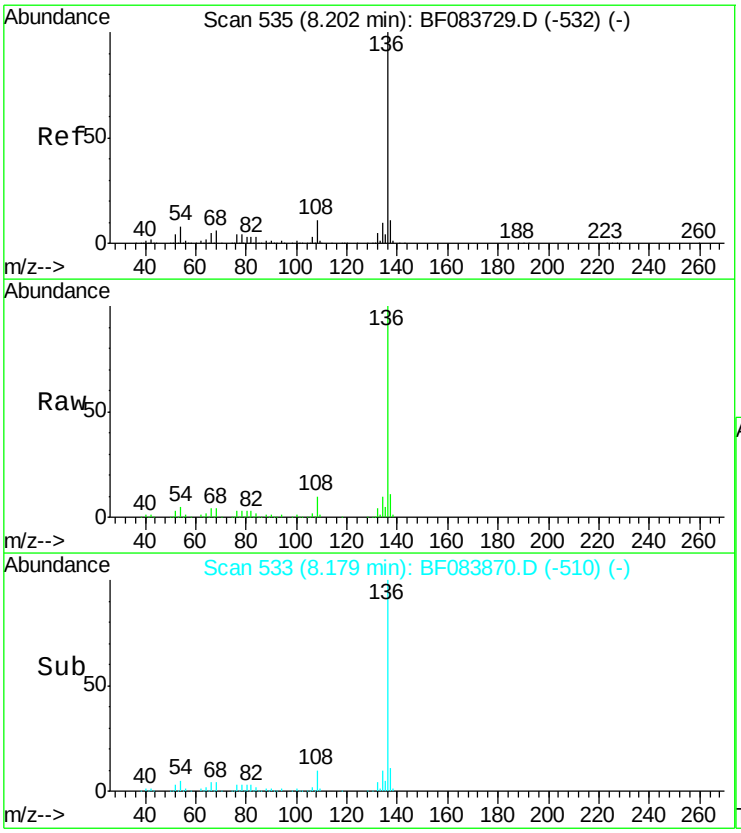
#7
Phenol-d6
Concen: 86.54 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion: 99 Resp: 719351

Ion	Ratio	Lower	Upper
99	100		
42	13.0	17.3	25.9#
71	34.4	26.6	40.0

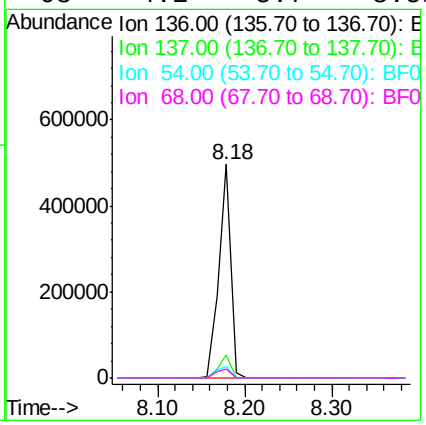


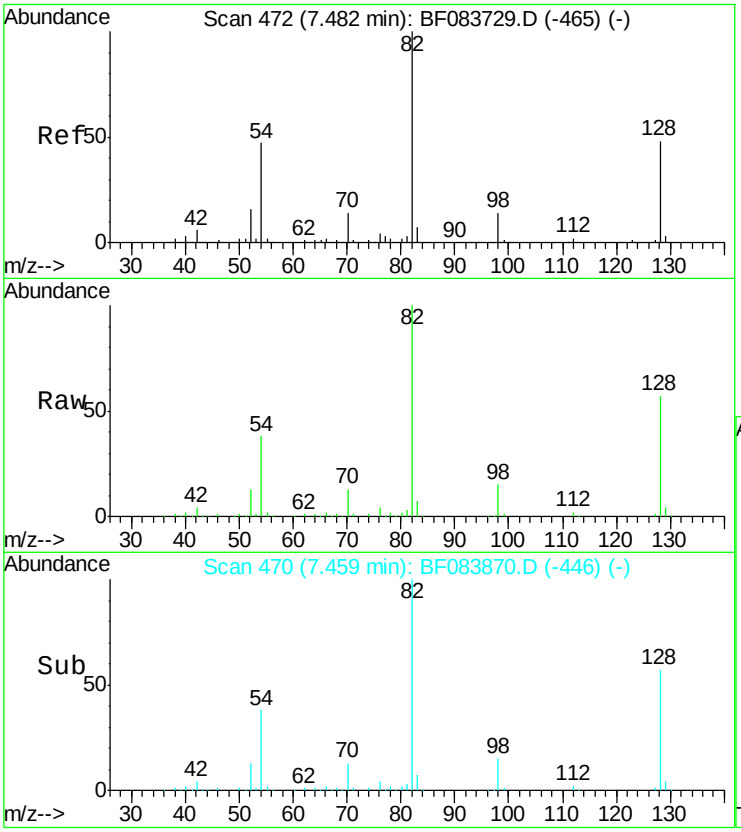


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:136 Resp: 485246

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.4	7.8	11.6#
68	4.2	5.7	8.5#



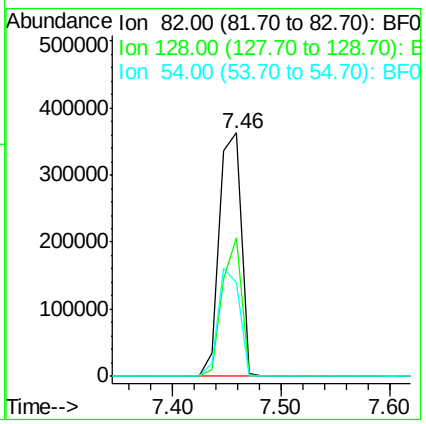


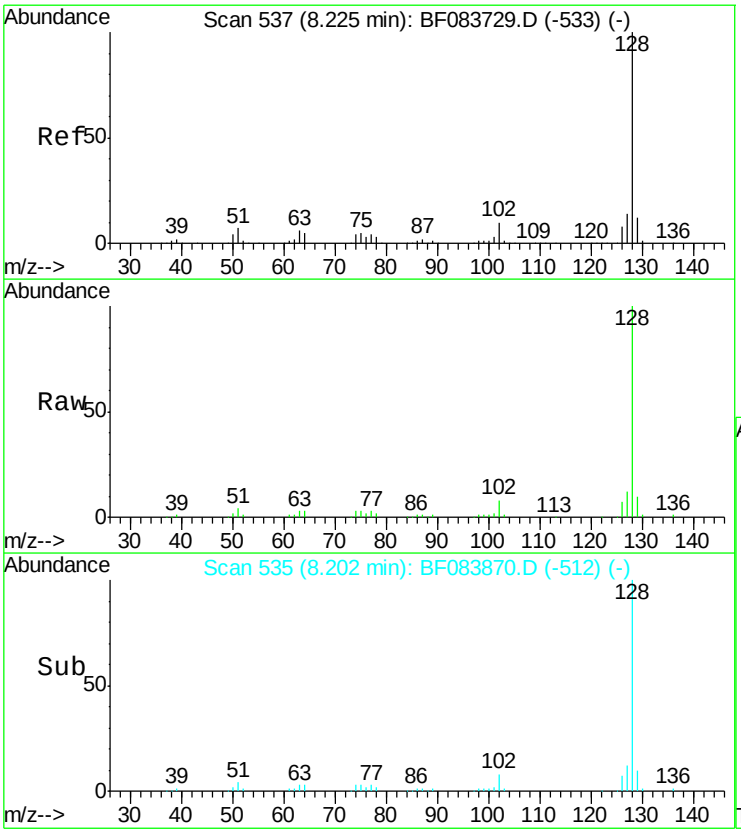
#23
Nitrobenzene-d5
Concen: 58.70 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion: 82 Resp: 509160

Ion	Ratio	Lower	Upper
82	100		
128	57.1	30.7	46.1#
54	38.4	42.5	63.7#

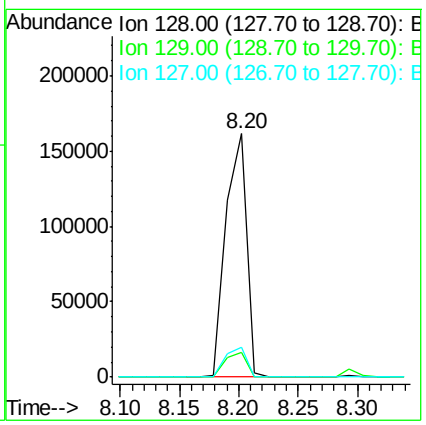


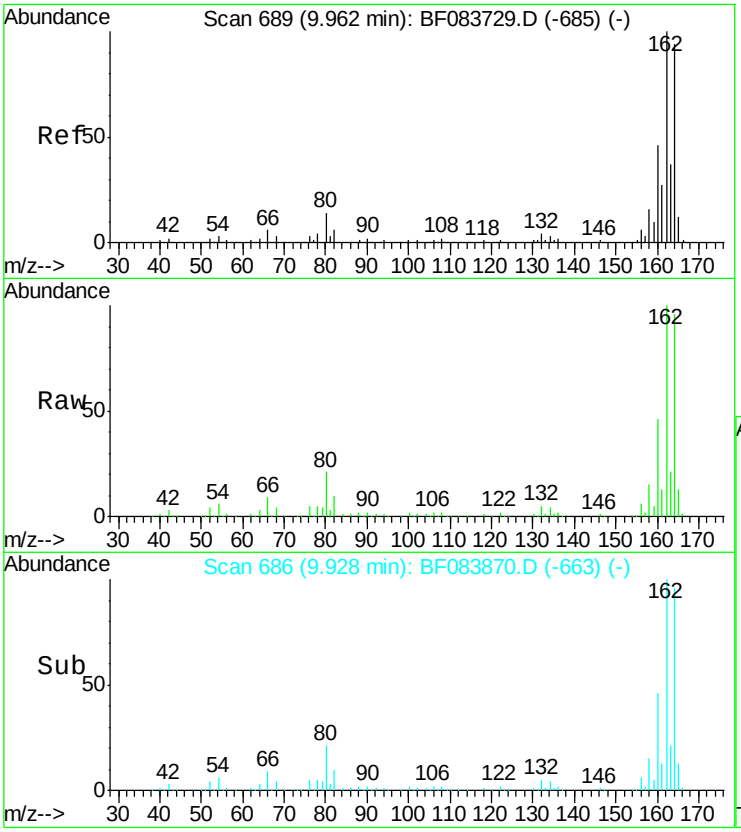


#31
Naphthalene
Concen: 7.74 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:128 Resp: 195909

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.6	13.0
127	12.4	10.6	16.0



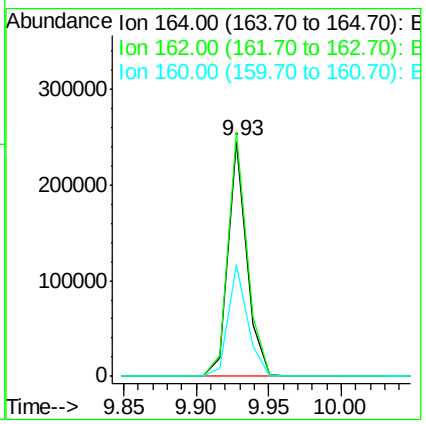


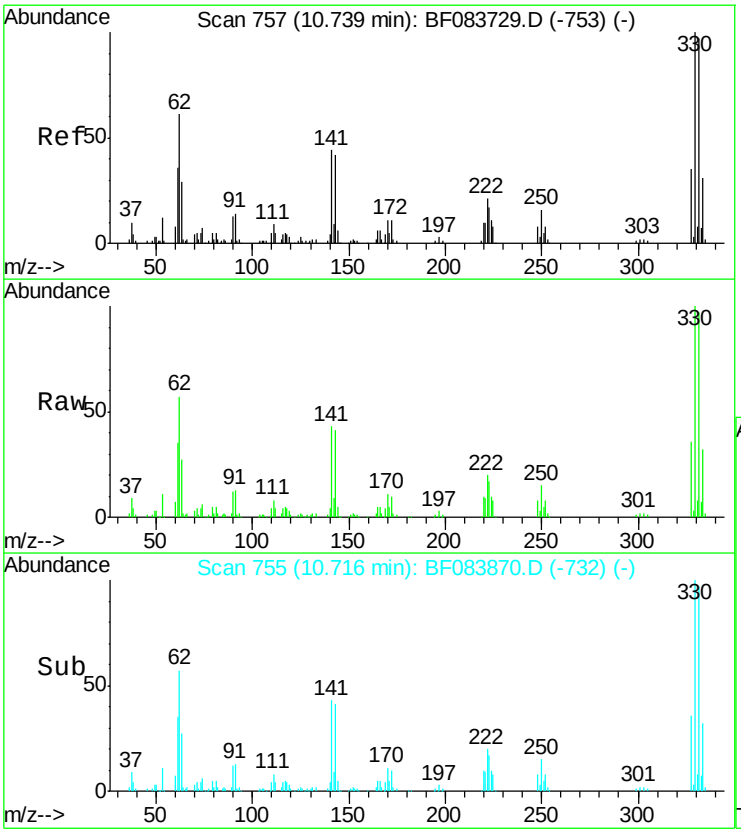
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:164 Resp: 219992

Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	47.4	33.4	50.2

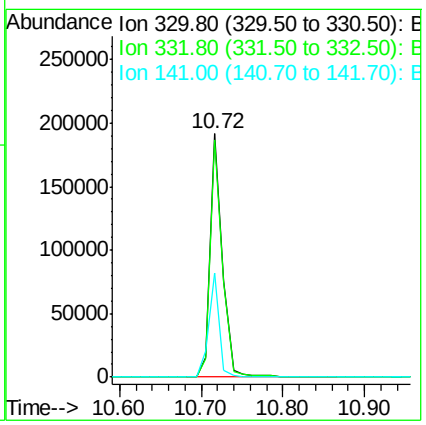


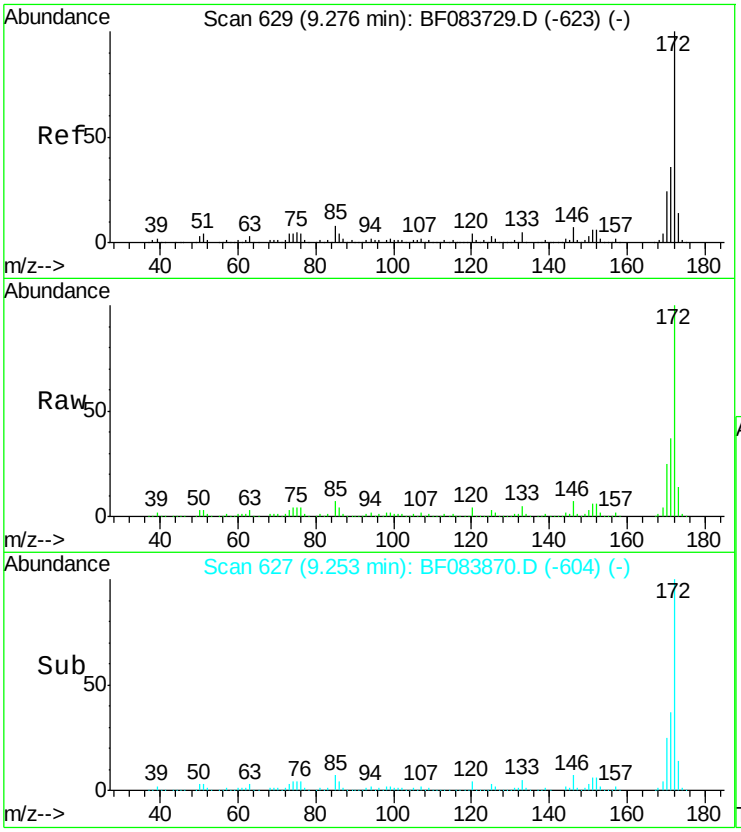


#41
2,4,6-Tribromophenol
Concen: 90.59 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:330 Resp: 203080

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	37.5	0.0	0.0#



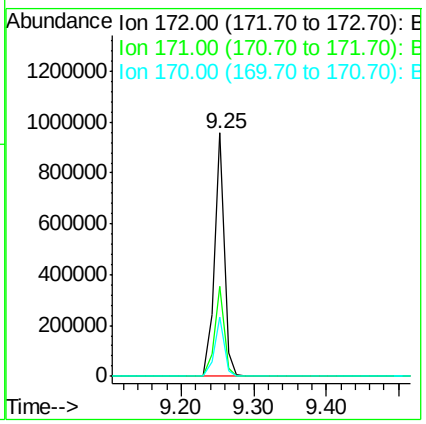


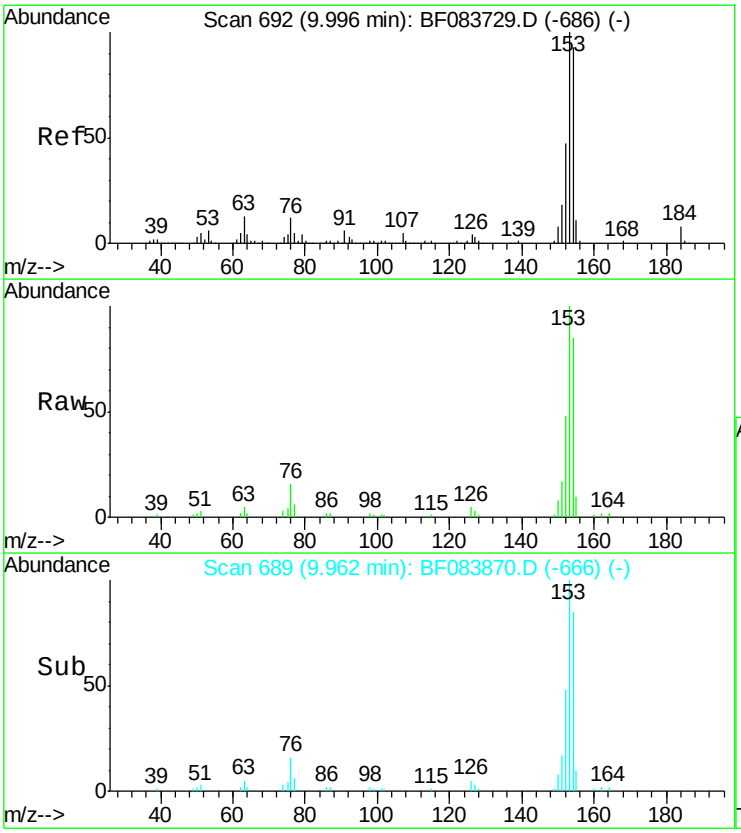
#44
2-Fluorobiphenyl
Concen: 54.21 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:172 Resp: 902243

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.6	19.4	29.0

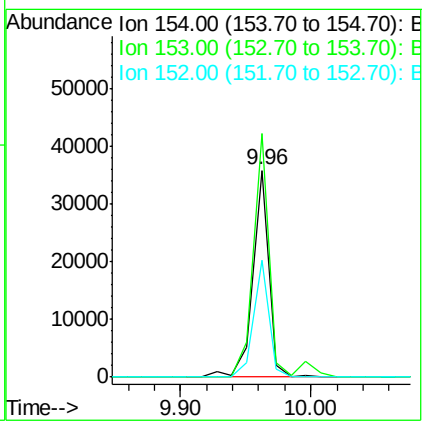


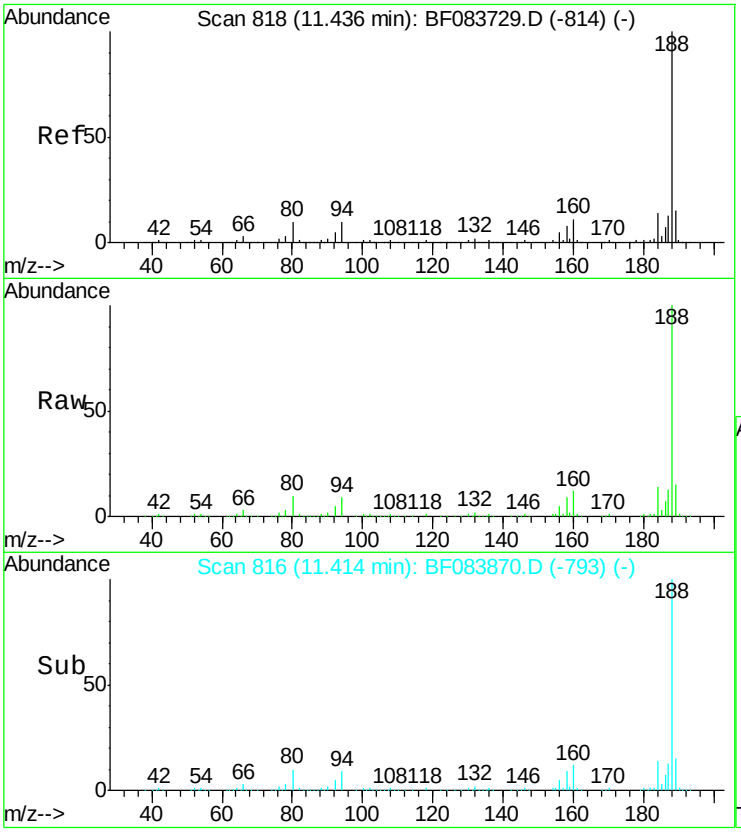


#51
Acenaphthene
Concen: 2.09 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:154 Resp: 30581

Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.4	137.0
152	56.8	43.4	65.2



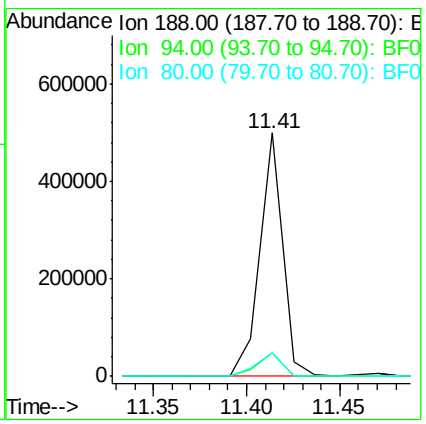


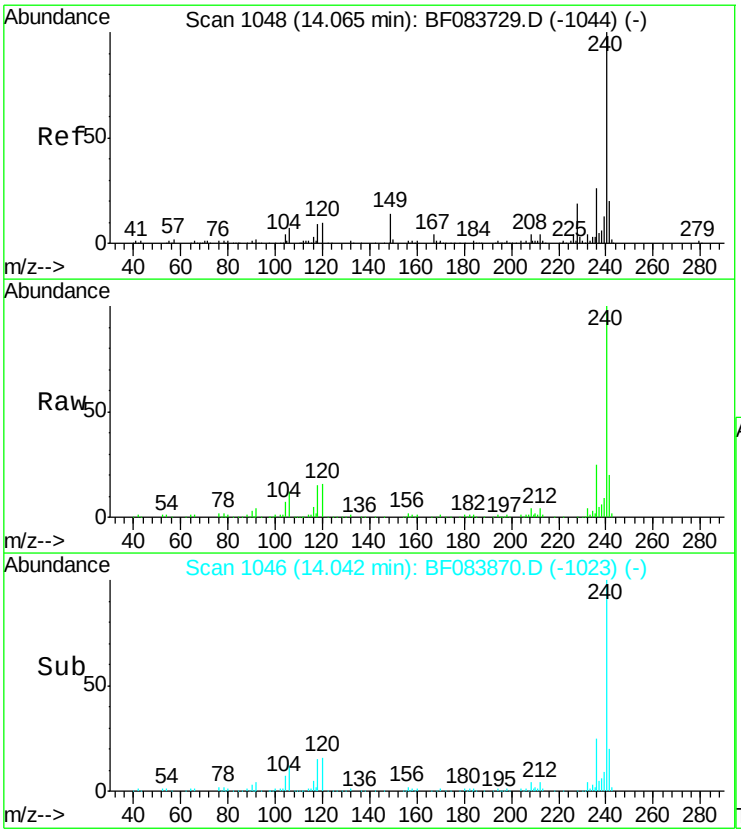
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:188 Resp: 419399

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	9.7	10.6	16.0#

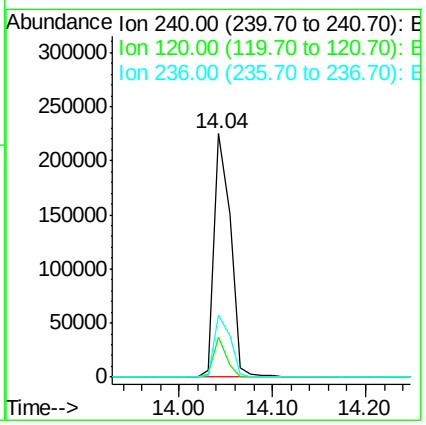


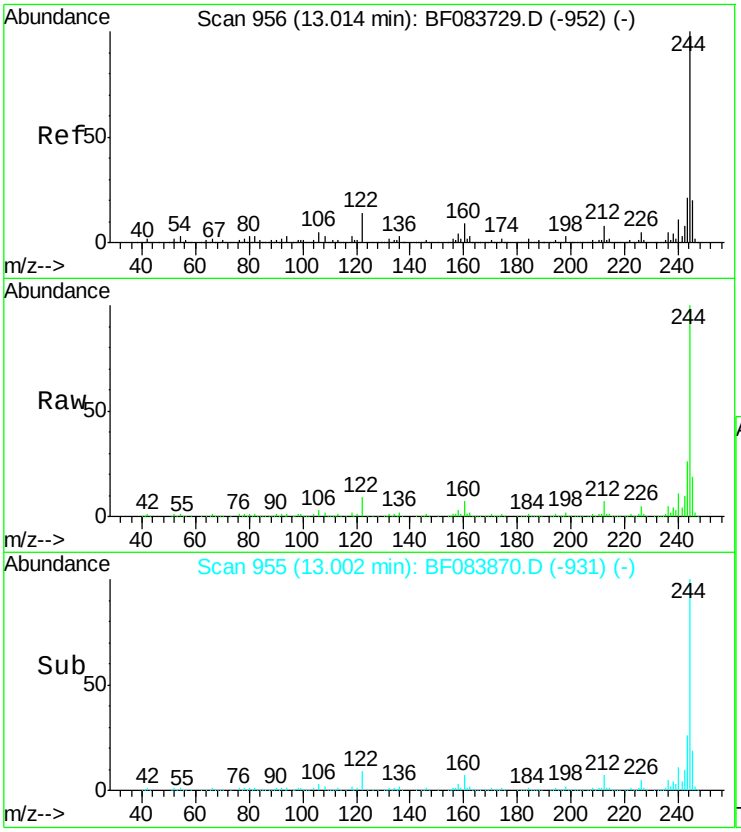


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:240 Resp: 273779

Ion	Ratio	Lower	Upper
240	100		
120	16.5	8.1	12.1#
236	25.3	20.8	31.2



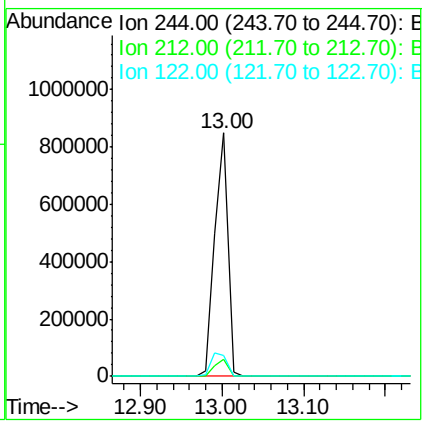


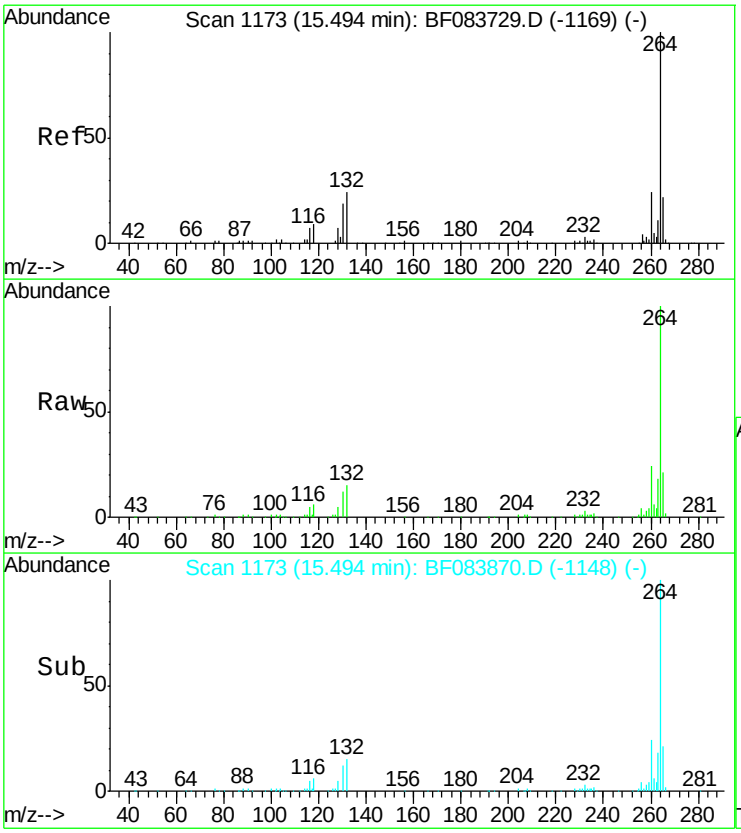
#78
Terphenyl-d14
Concen: 74.71 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-B-20150873

Tgt Ion:244 Resp: 950858

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	8.5	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083870.D
Acq: 17 Dec 2015 6:20

Tgt Ion:264 Resp: 232882

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.8	26.6