Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083631.D
Acq On : 9 Dec 2015 9:39
Operator : UM/IZ
Sample : G4647-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-10(0-2)

Quant Time: Dec 09 10:33:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	133982	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	463046	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	198796	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	327075	20.00	ng	0.00
75) Chrysene-d12	17.00	240	271017	20.00	ng	0.01
86) Perylene-d12	18.64	264	169885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	829710	93.93	ng	0.01
7) Phenol-d6	5.28	99	1141395	96.70	ng	0.00
23) Nitrobenzene-d5	6.53	82	659622	66.47	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	163390	92.25	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	815224	57.72	ng	0.00
78) Terphenyl-d14	15.41	244	594673	51.63	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	6.33	105	26903	2.07	ng	# 98
49) Dimethylphthalate	10.03	163	211621	13.37	ng	98

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

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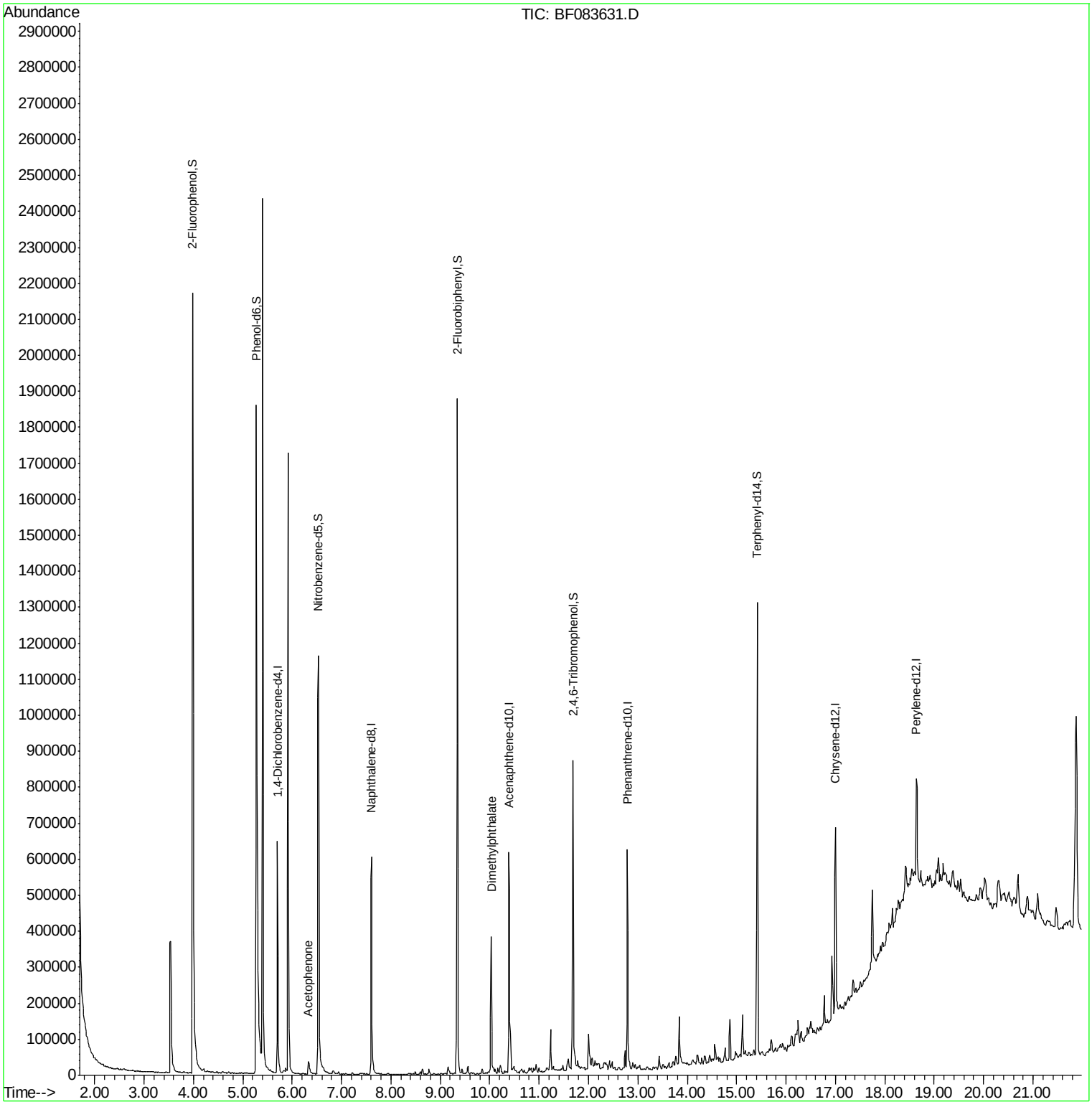
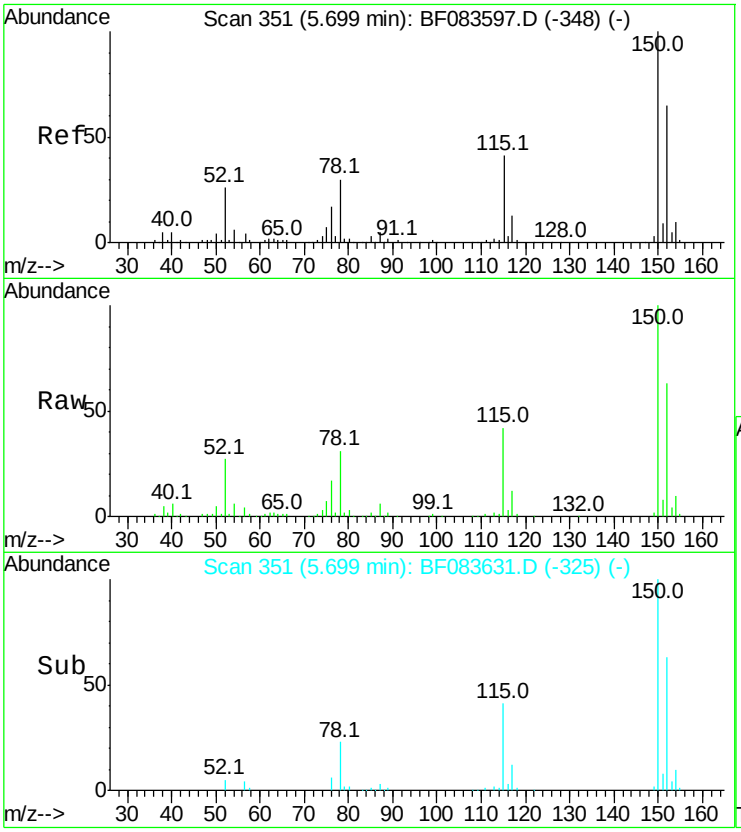


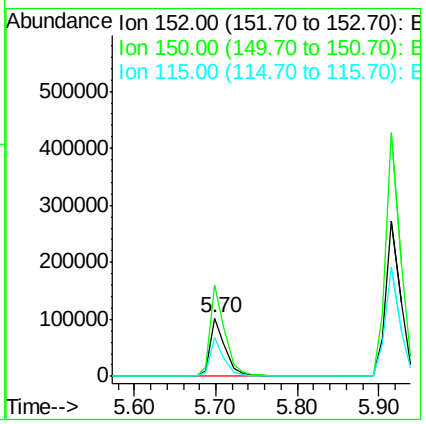


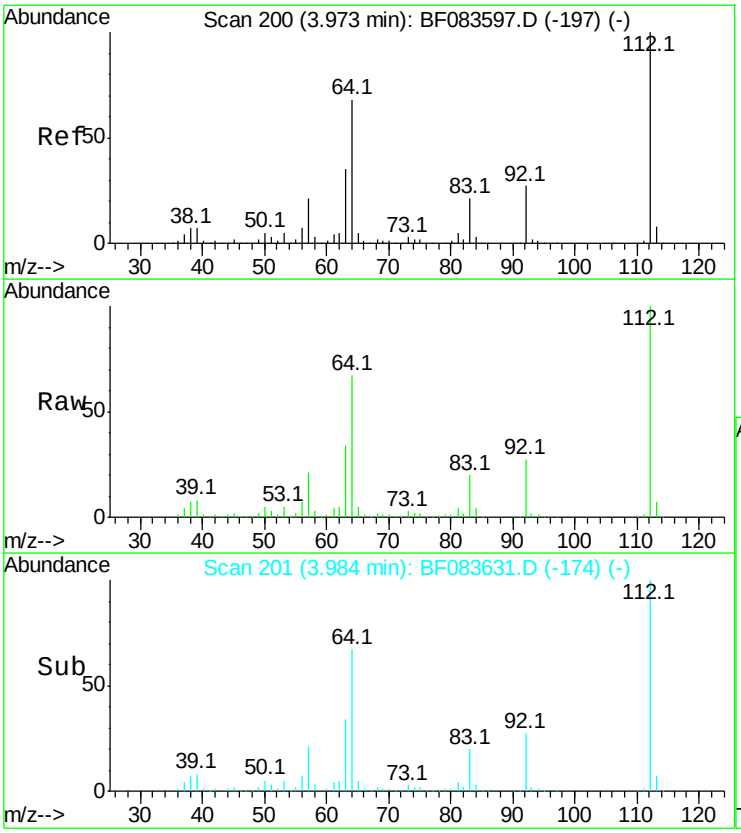
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:152 Resp: 133982

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.5	189.7
115	65.8	52.3	78.5

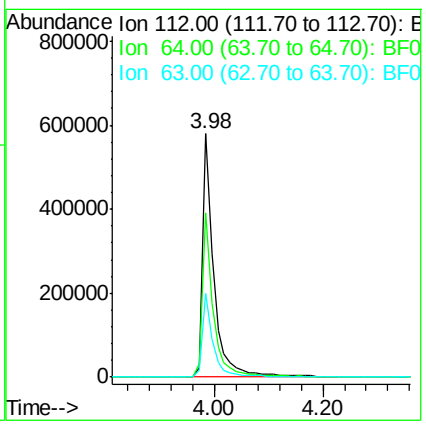


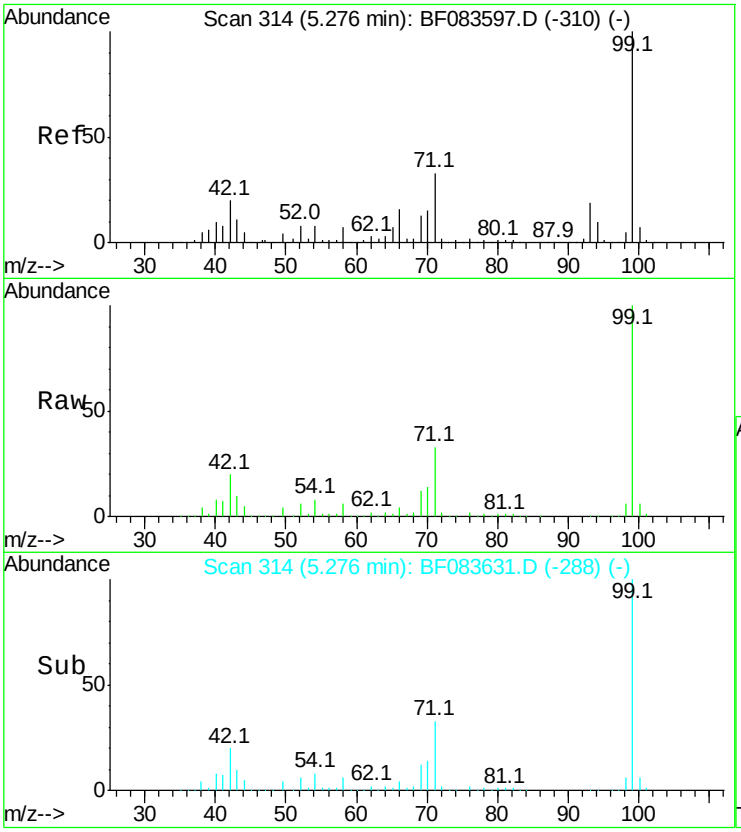


#5
2-Fluorophenol
Concen: 93.93 ng
RT: 3.98 min Scan# 201
Delta R.T. 0.01 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:112 Resp: 829710

Ion	Ratio	Lower	Upper
112	100		
64	67.5	50.5	75.7
63	34.4	25.8	38.6



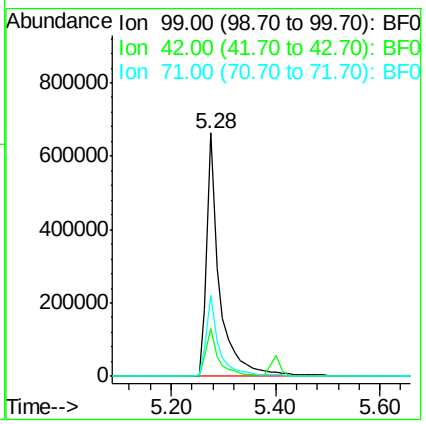


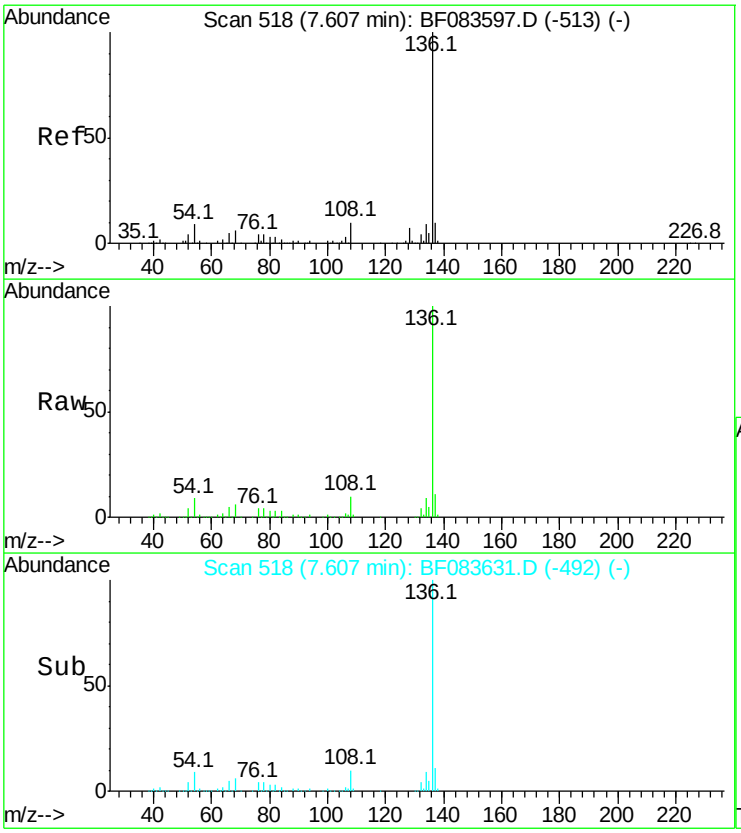
#7
Phenol-d6
Concen: 96.70 ng
RT: 5.28 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion: 99 Resp: 1141395

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.3	25.9
71	33.2	26.6	40.0

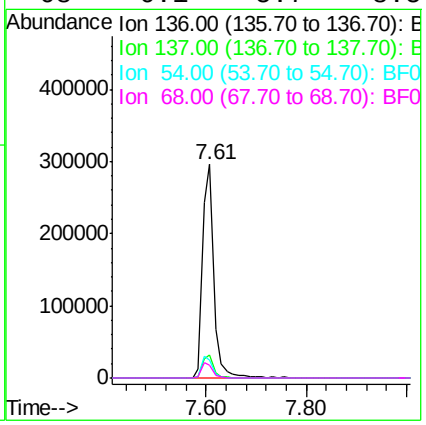


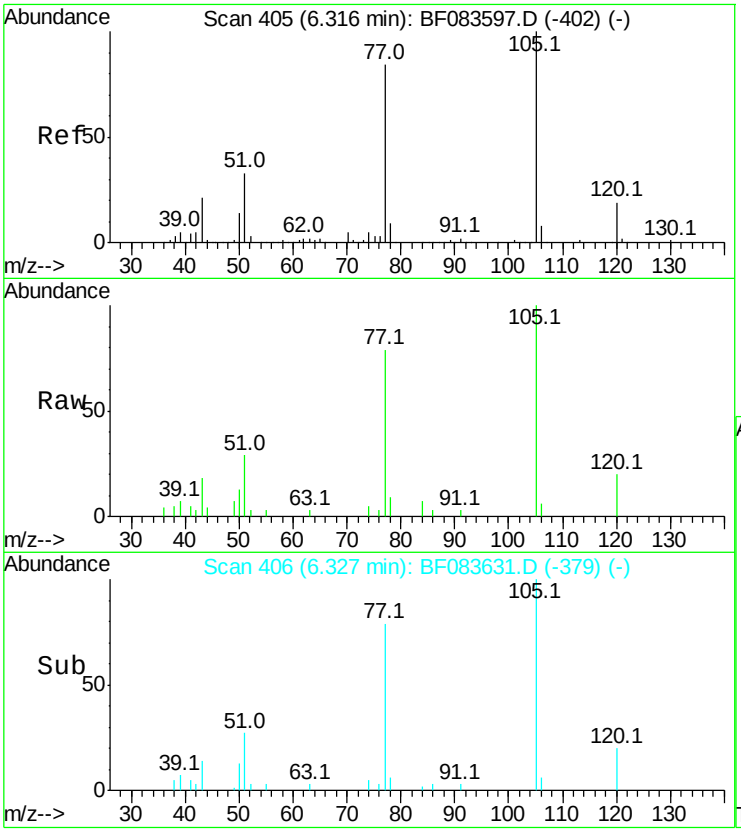


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.61 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:136 Resp: 463046

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.6	7.8	11.6
68	6.1	5.7	8.5



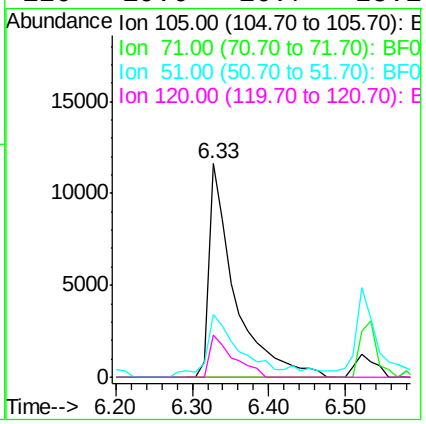


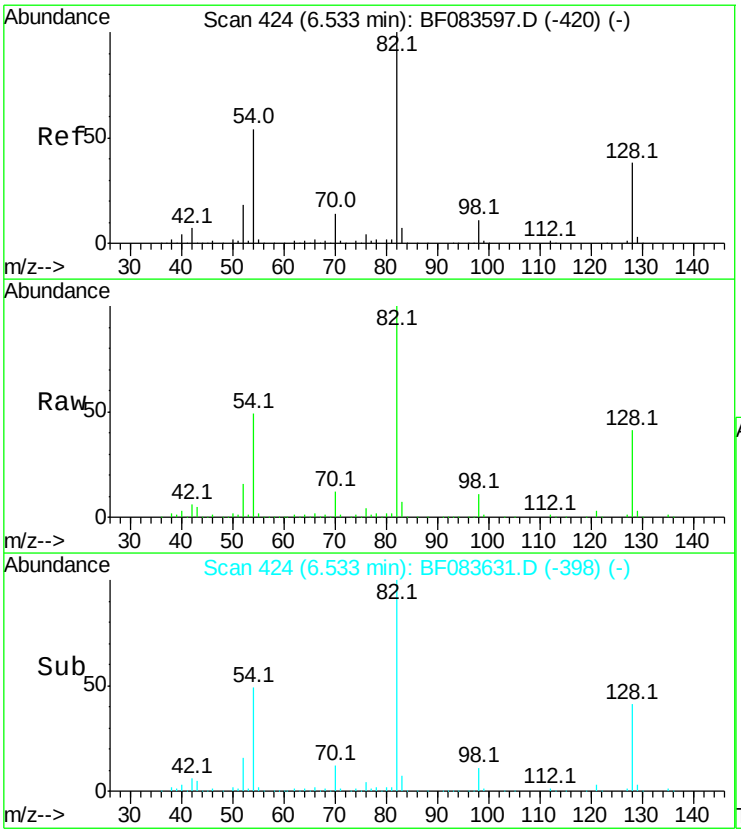
#22
Acetophenone
Concen: 2.07 ng
RT: 6.33 min Scan# 406
Delta R.T. 0.01 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:105 Resp: 26903

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.3	1.9#
51	29.4	23.8	35.8
120	19.6	16.7	25.1

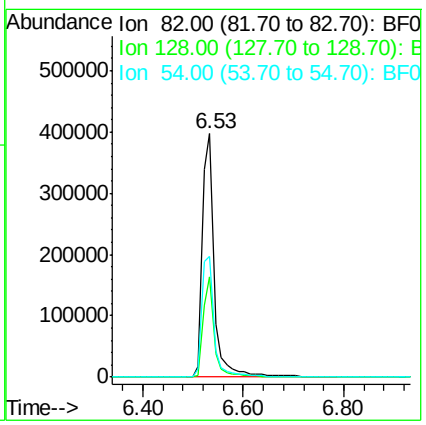


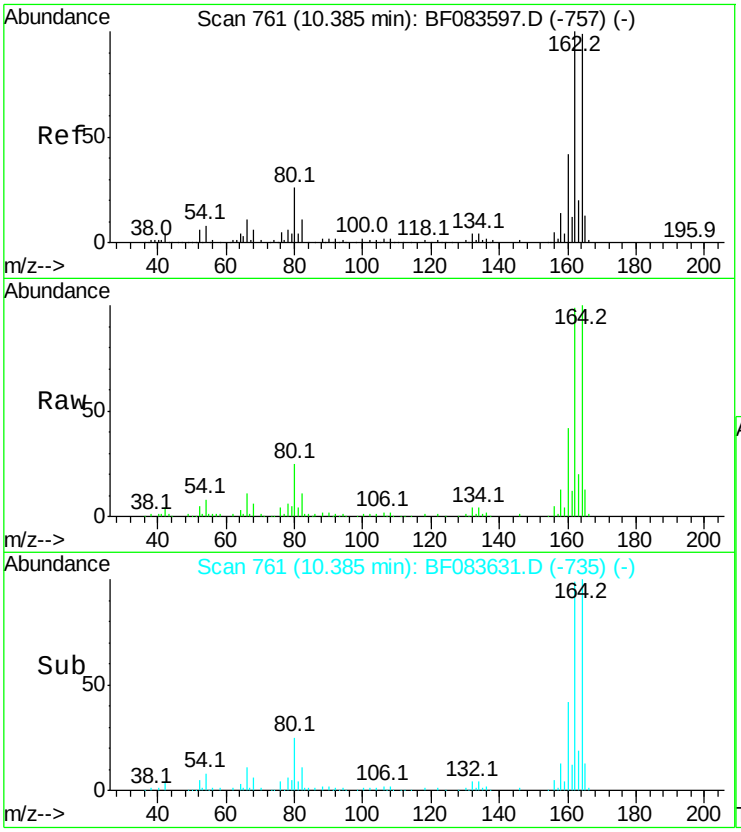


#23
Nitrobenzene-d5
Concen: 66.47 ng
RT: 6.53 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion: 82 Resp: 659622

Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.7	46.1
54	49.4	42.5	63.7



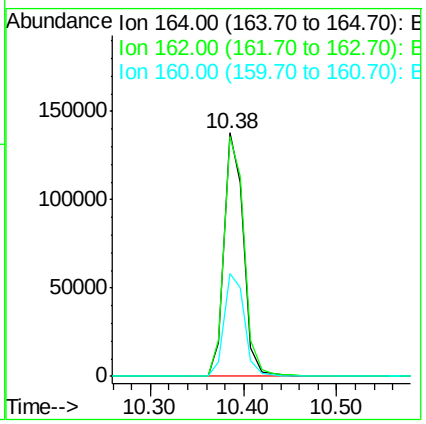


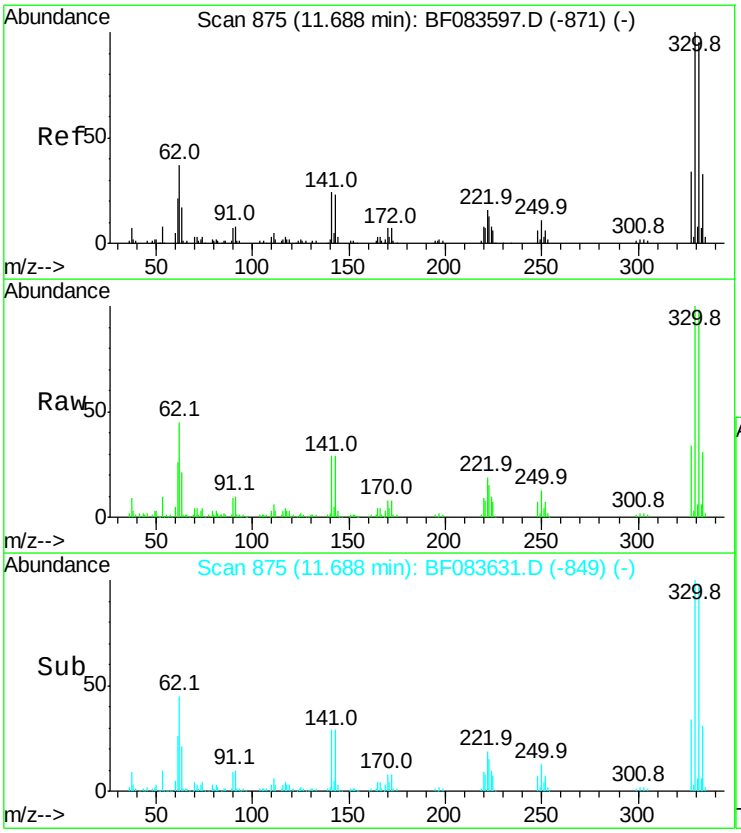
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:164 Resp: 198796

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	42.1	33.4	50.2

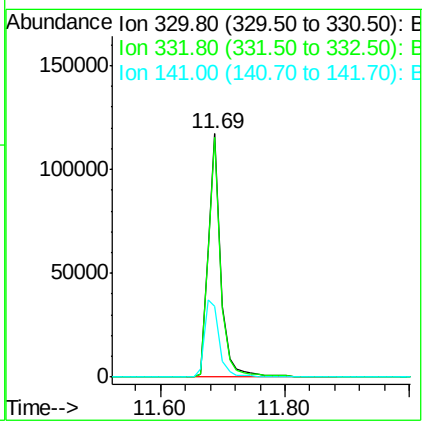


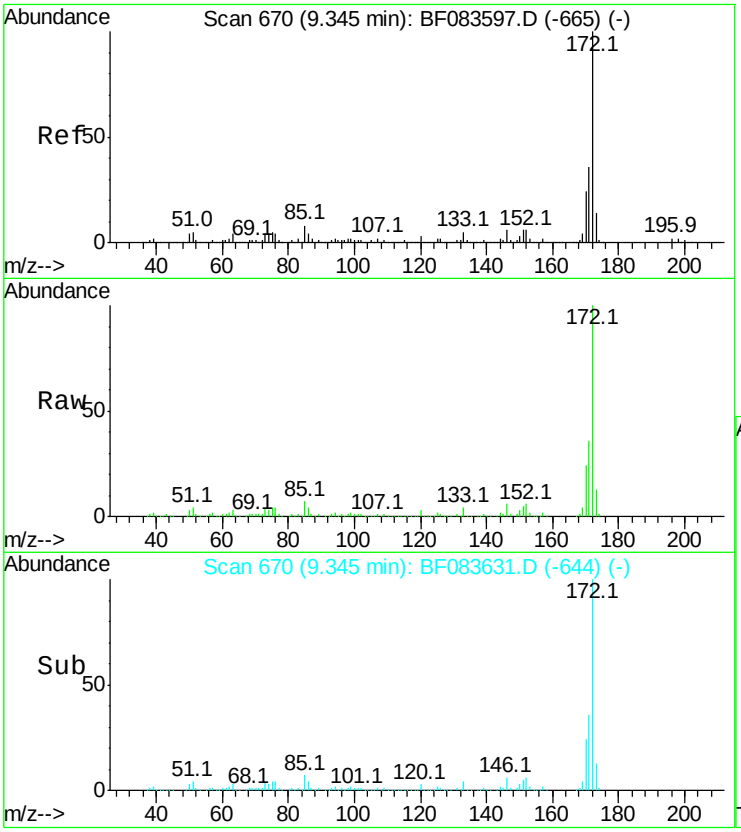


#41
2,4,6-Tribromophenol
Concen: 92.25 ng
RT: 11.69 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:330 Resp: 163390

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.8	0.0	0.0#



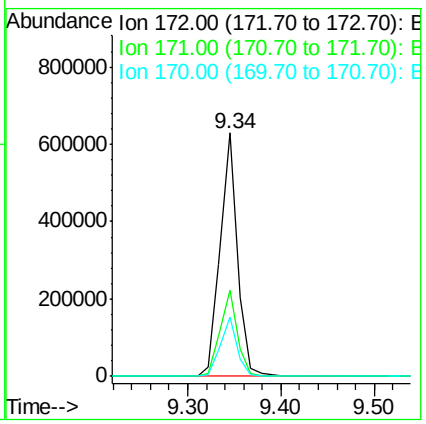


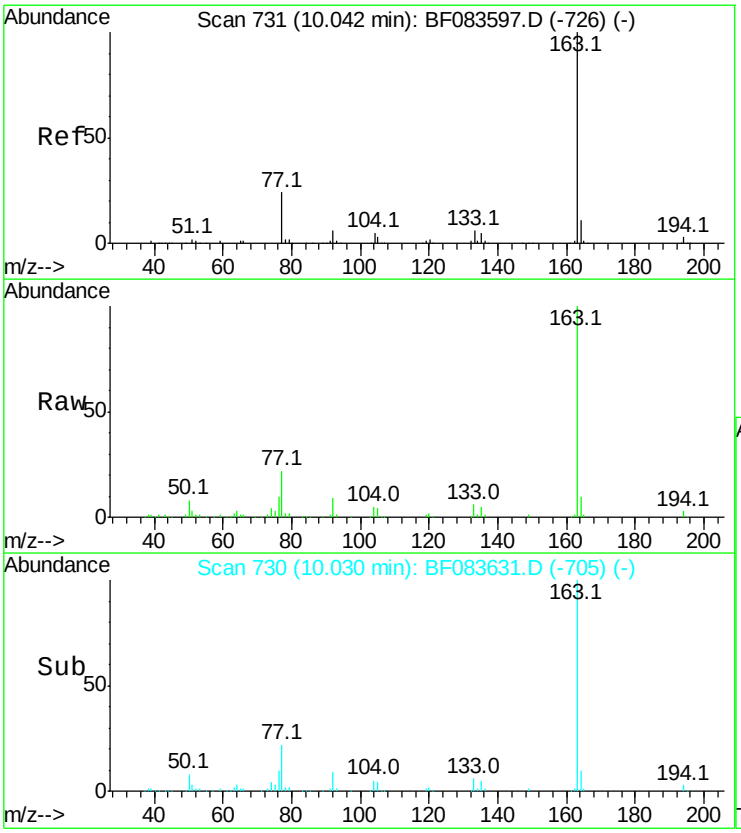
#44
2-Fluorobiphenyl
Concen: 57.72 ng
RT: 9.34 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:172 Resp: 815224

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.2	19.4	29.0

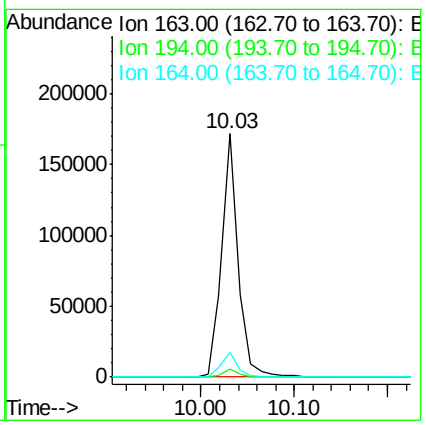


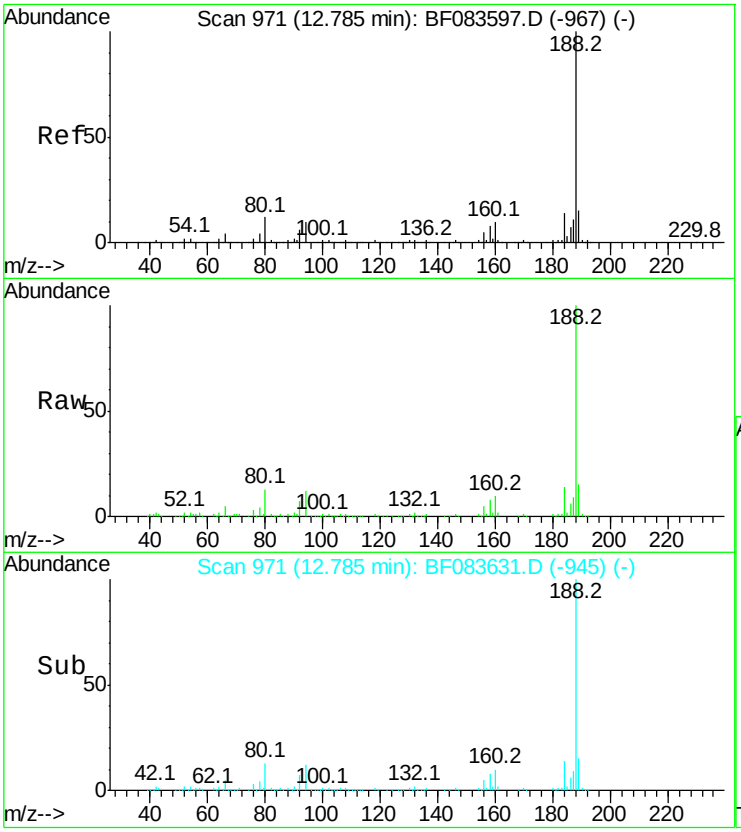


#49
Dimethylphthalate
Concen: 13.37 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:163 Resp: 211621

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.6	13.0



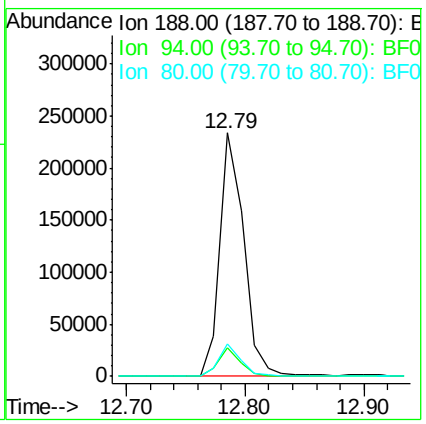


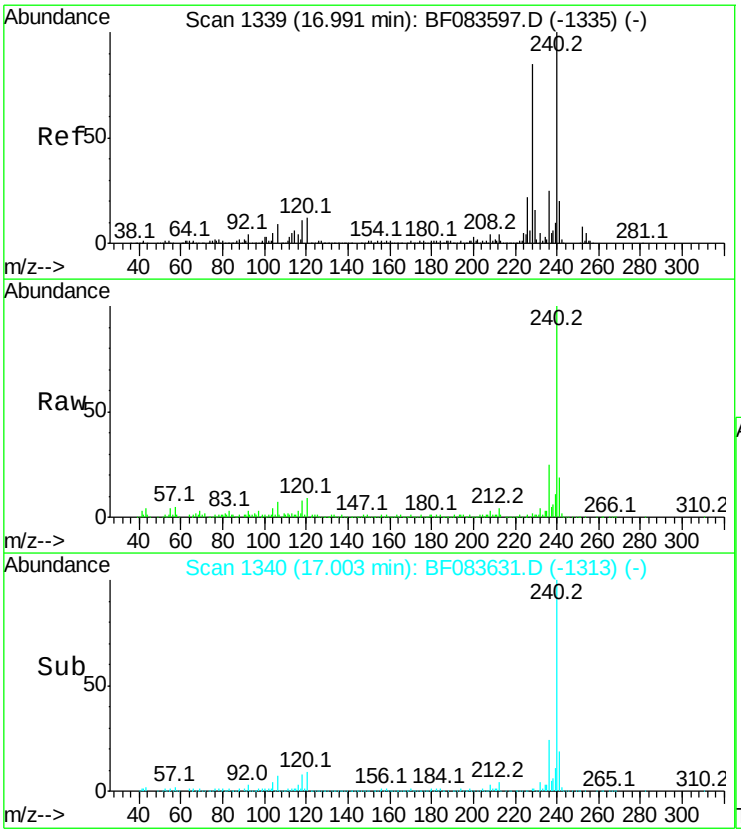
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:188 Resp: 327075

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.1	10.6	16.0

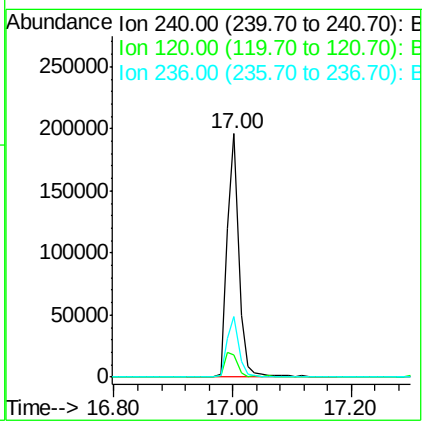


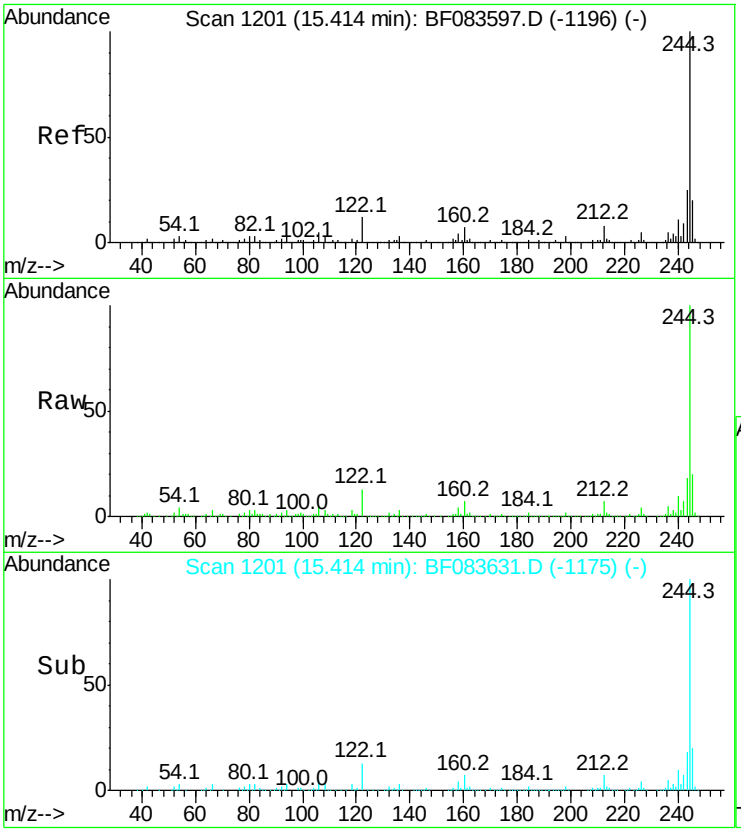


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.00 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:240 Resp: 271017

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.1	12.1
236	24.6	20.8	31.2



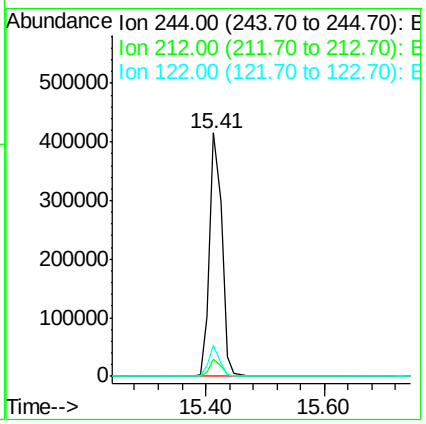


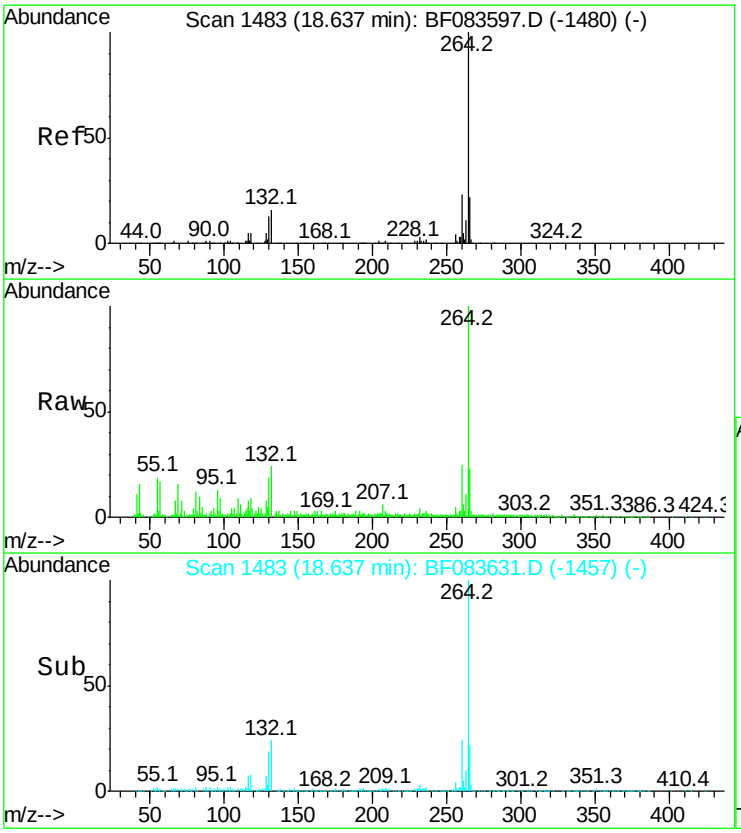
#78
Terphenyl-d14
Concen: 51.63 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion:244 Resp: 594673

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	13.0	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083631.D
Acq: 9 Dec 2015 9:39

Tgt Ion:264 Resp: 169885

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.5	17.8	26.6