Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Time: May 19 12:31:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	117266	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	477091	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	223665	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	372732	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	298707	20.00	ng	-0.05
86) Perylene-d12	15.06	264	284551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	478265	68.55	ng	-0.03
7) Phenol-d6	6.24	99	391234	41.81	ng	-0.05
23) Nitrobenzene-d5	7.15	82	930076	97.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	346194	140.07	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1474255	109.16	ng	-0.03
78) Terphenyl-d14	12.67	244	1194446	90.45	ng	-0.03
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.55	122	107695	14.58	ng	94
49) Dimethylphthalate	9.35	163	72526	4.25	ng	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087170.D
Acq On : 19 May 2016 4:48
Operator : UM/SJ
Sample : H3105-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-05

Quant Time: May 19 12:31:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
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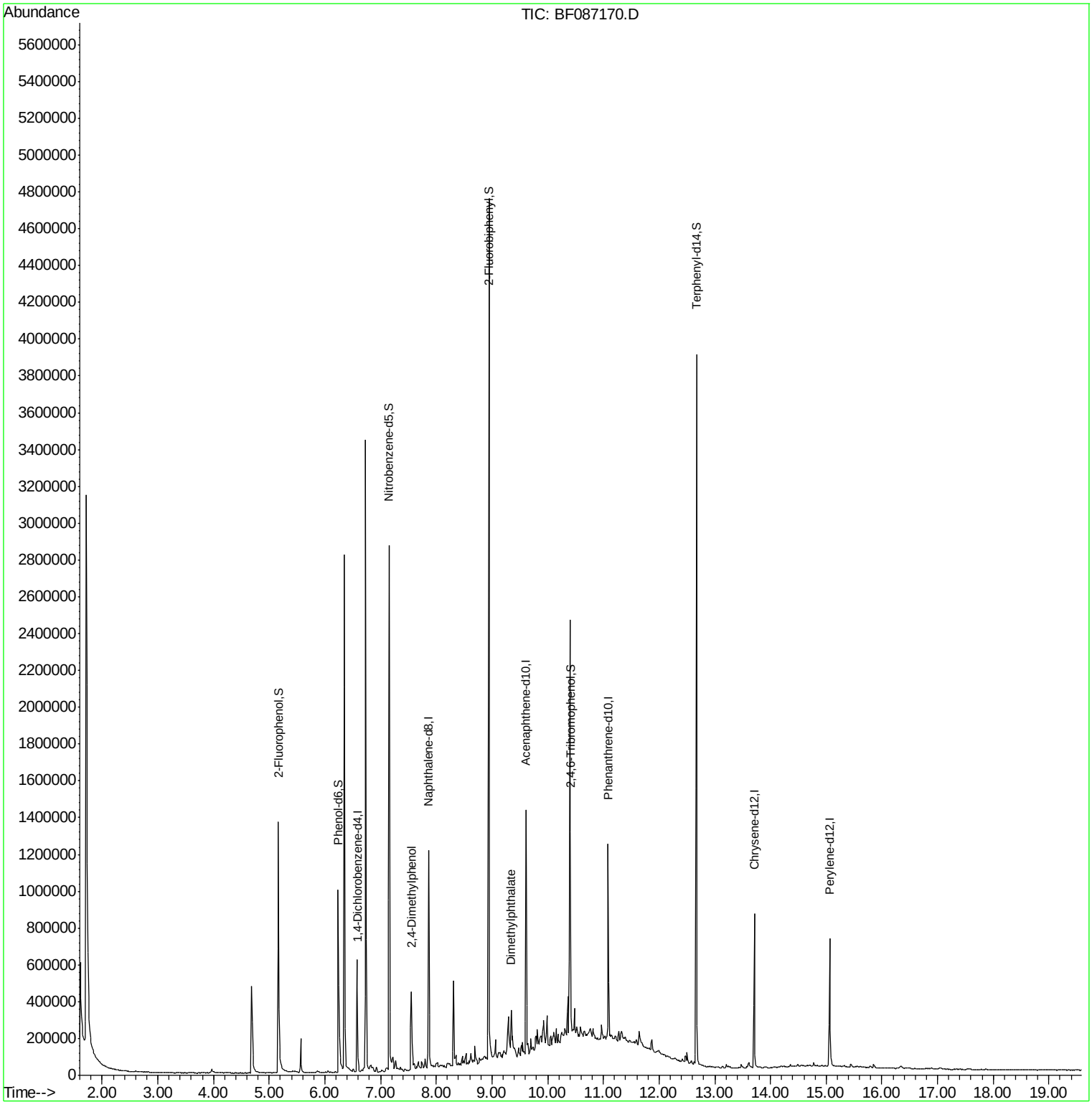
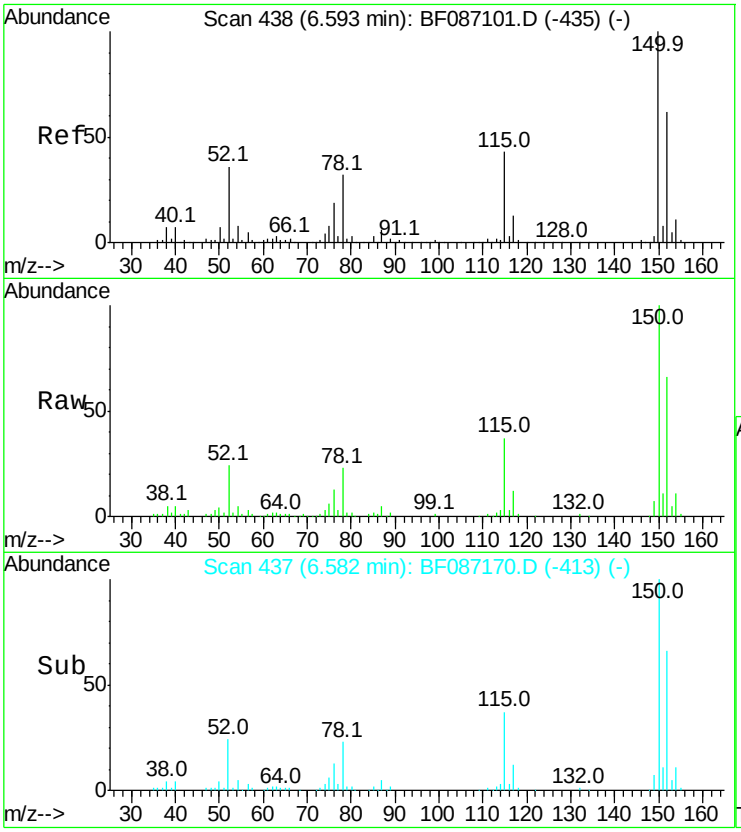


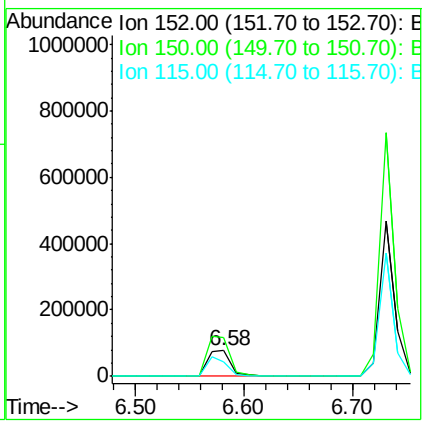


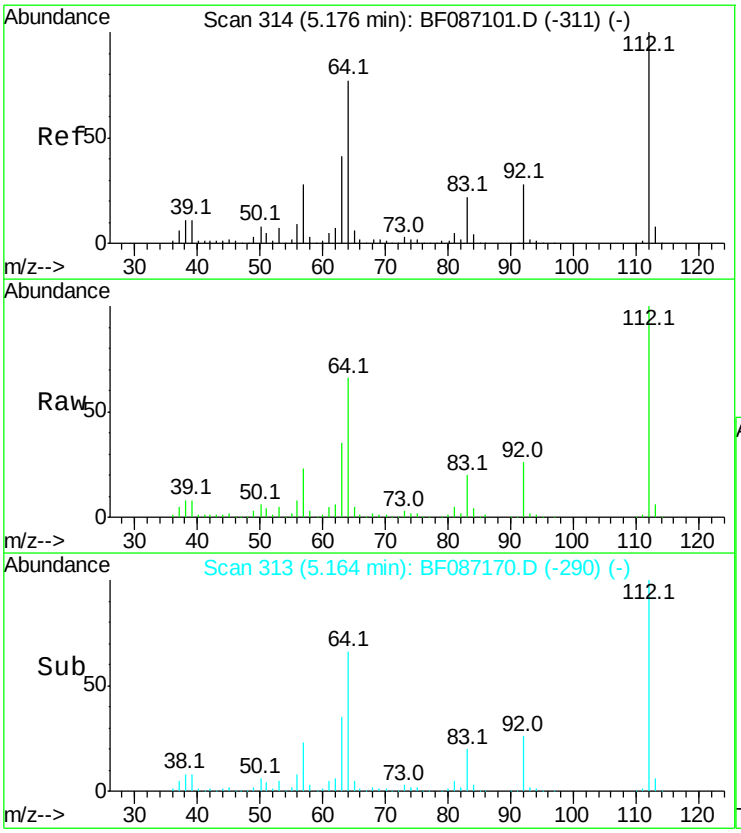
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:152 Resp: 117266

Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.8	188.6
115	55.5	51.5	77.3

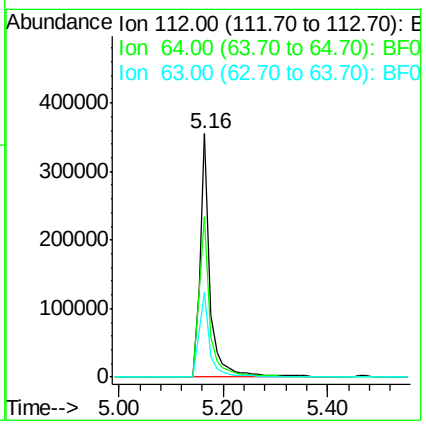


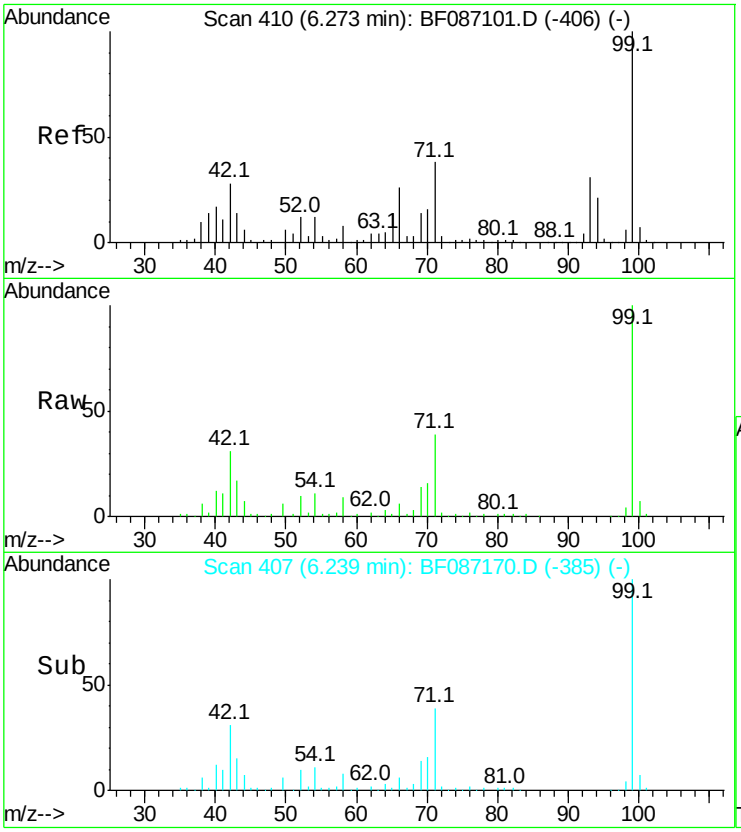


#5
2-Fluorophenol
Concen: 68.55 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:112 Resp: 478265

Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.1	78.1
63	35.1	25.7	38.5



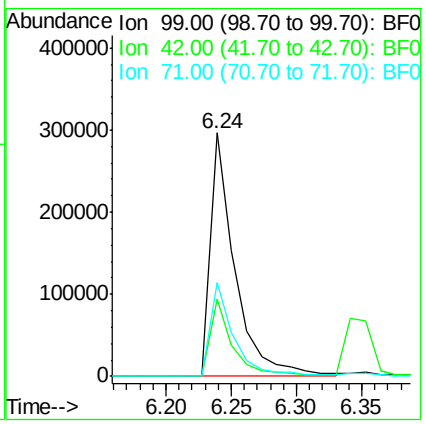


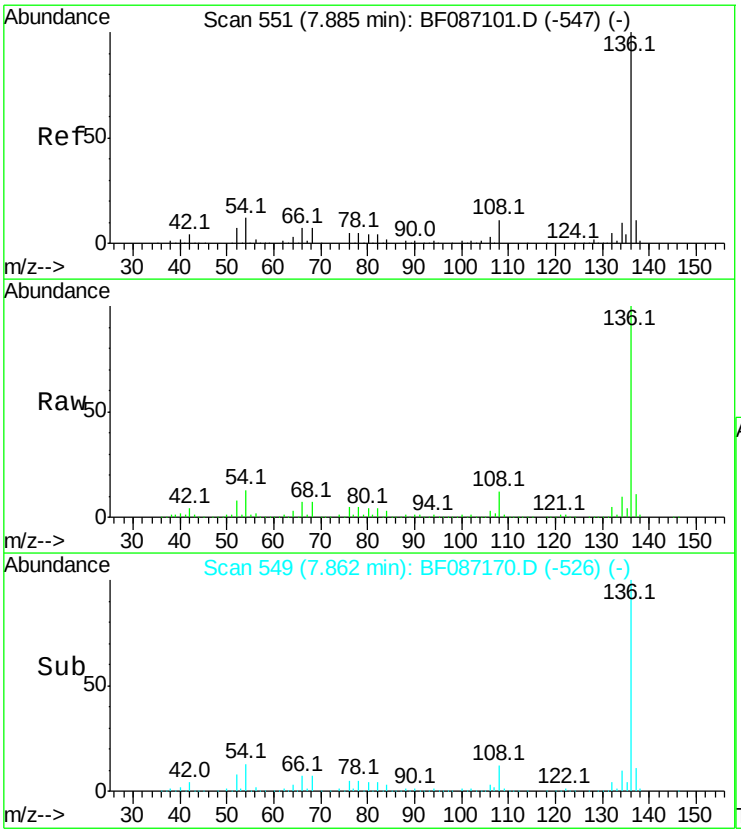
#7
Phenol-d6
Concen: 41.81 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion: 99 Resp: 391234

Ion	Ratio	Lower	Upper
99	100		
42	31.5	13.6	20.4#
71	38.7	24.6	36.8#

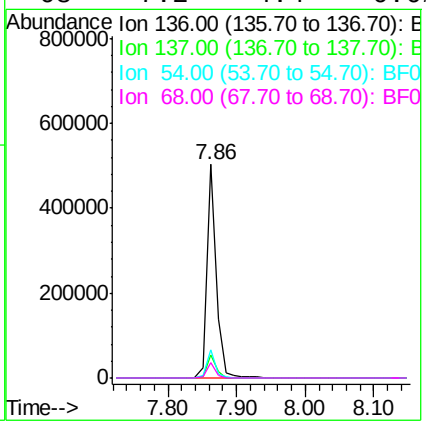


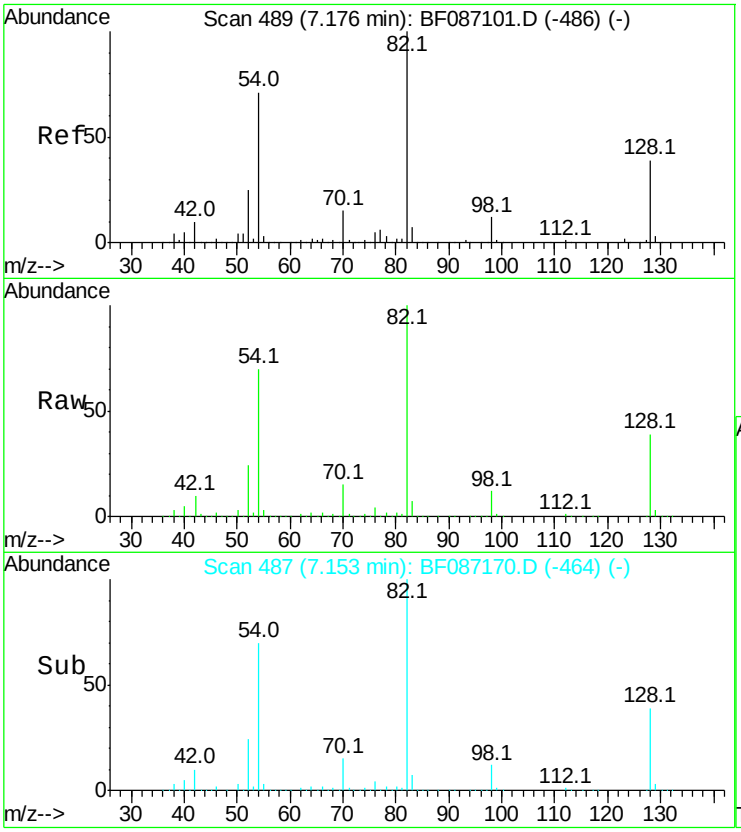


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:136 Resp: 477091

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.2	5.0	7.4#
68	7.2	4.4	6.6#



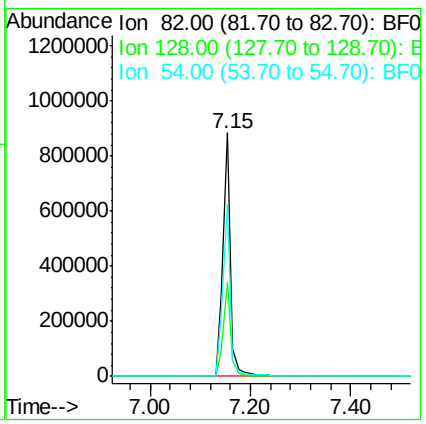


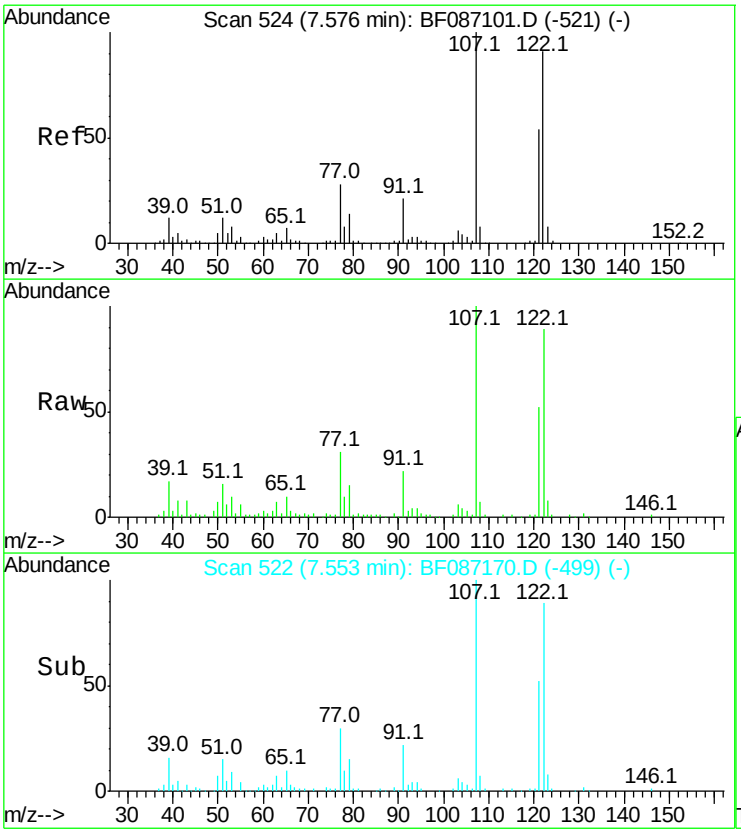
#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion: 82 Resp: 930076

Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	70.4	38.1	57.1#

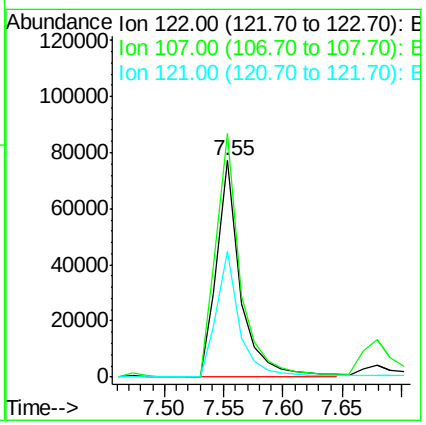


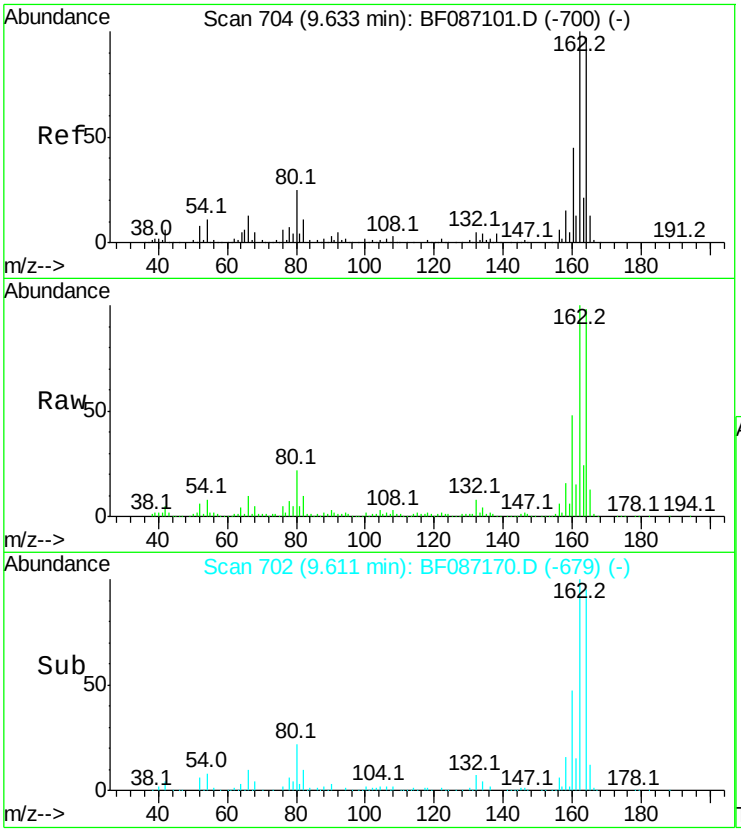


#27
2,4-Dimethylphenol
Concen: 14.58 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:122 Resp: 107695

Ion	Ratio	Lower	Upper
122	100		
107	112.4	82.0	123.0
121	58.0	46.1	69.1



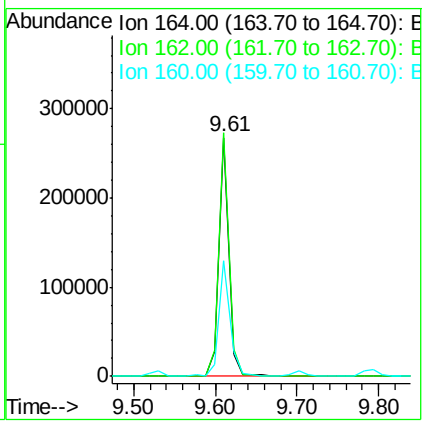


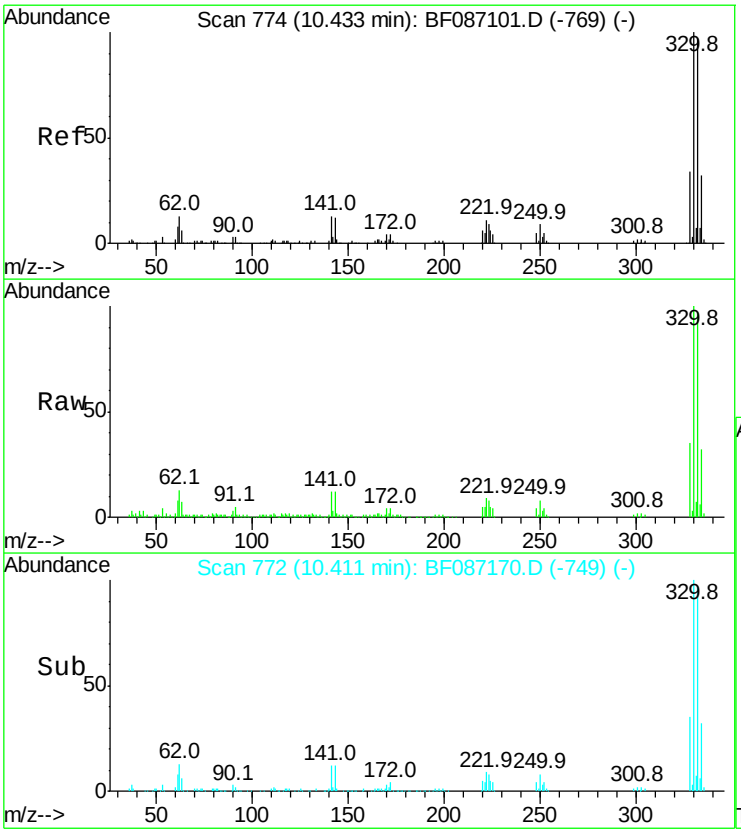
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:164 Resp: 223665

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	48.4	36.9	55.3

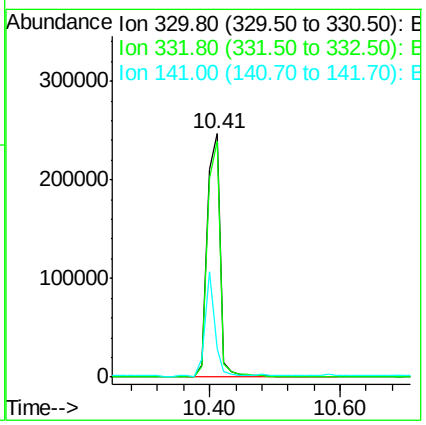


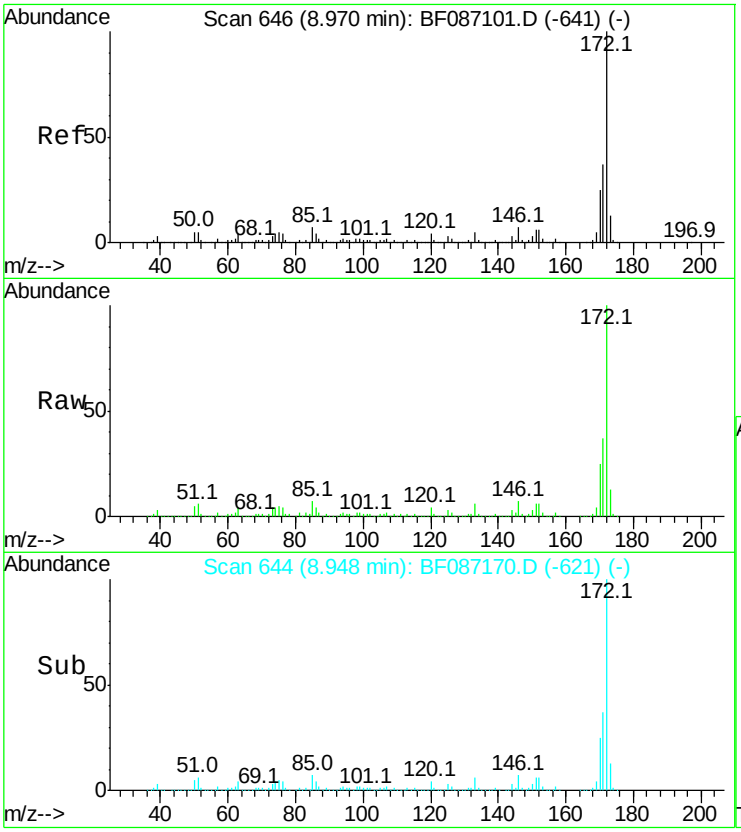


#41
2,4,6-Tribromophenol
Concen: 140.07 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:330 Resp: 346194

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	32.2	31.2	46.8



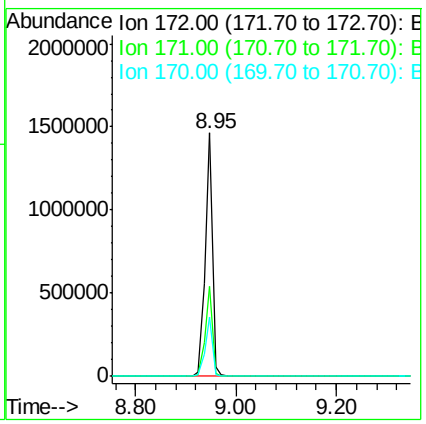


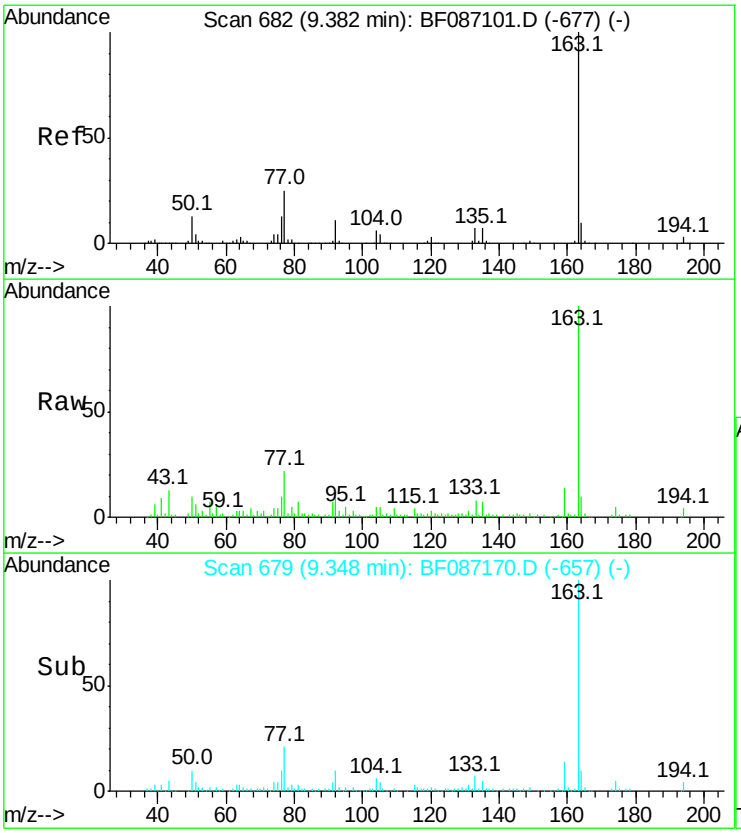
#44
2-Fluorobiphenyl
Concen: 109.16 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:172 Resp: 1474255

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.6	19.8	29.8

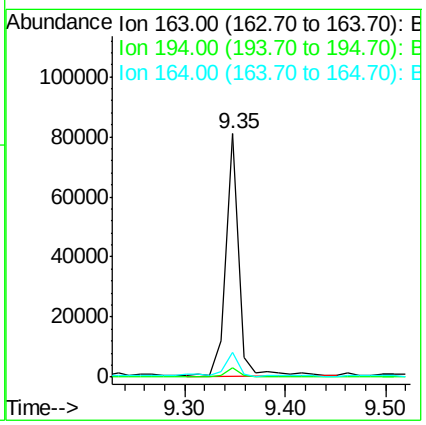


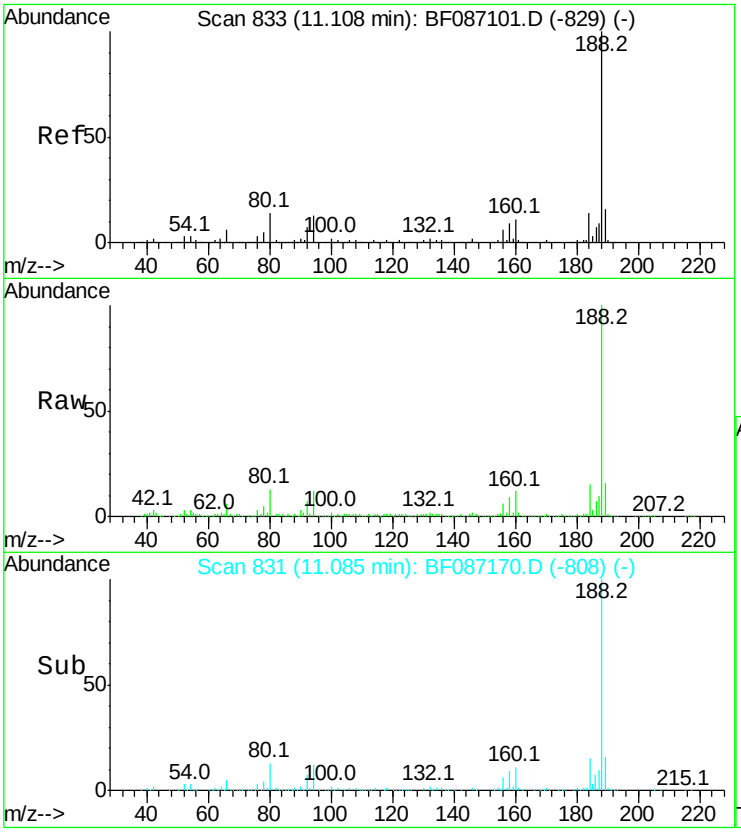


#49
Dimethylphthalate
Concen: 4.25 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:163 Resp: 72526

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.2	12.4



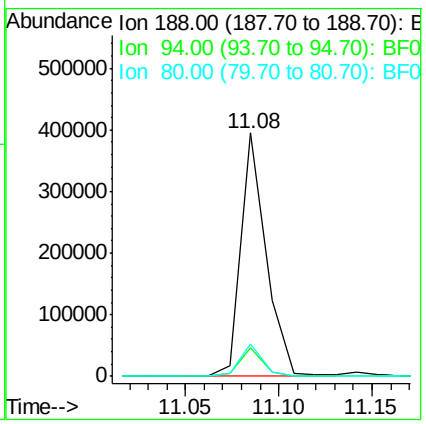


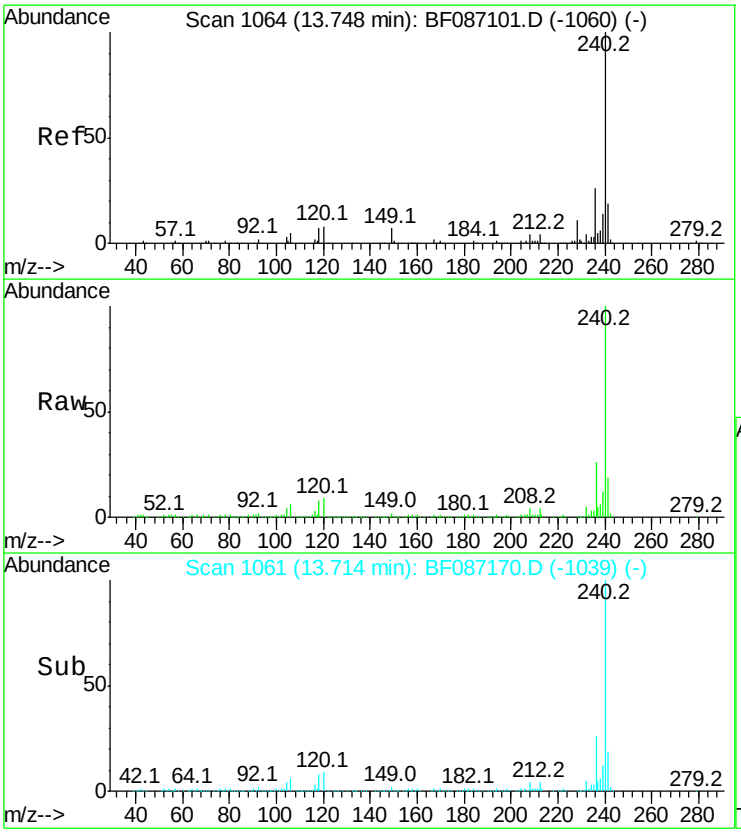
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:188 Resp: 372732

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	13.4	7.1	10.7#

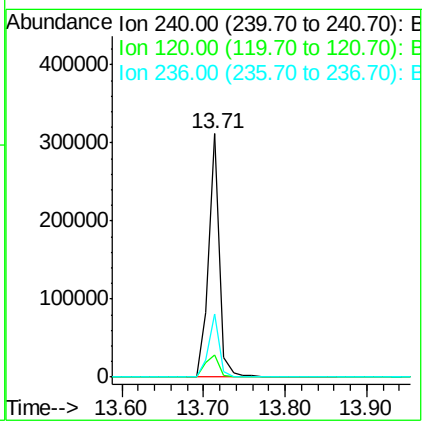


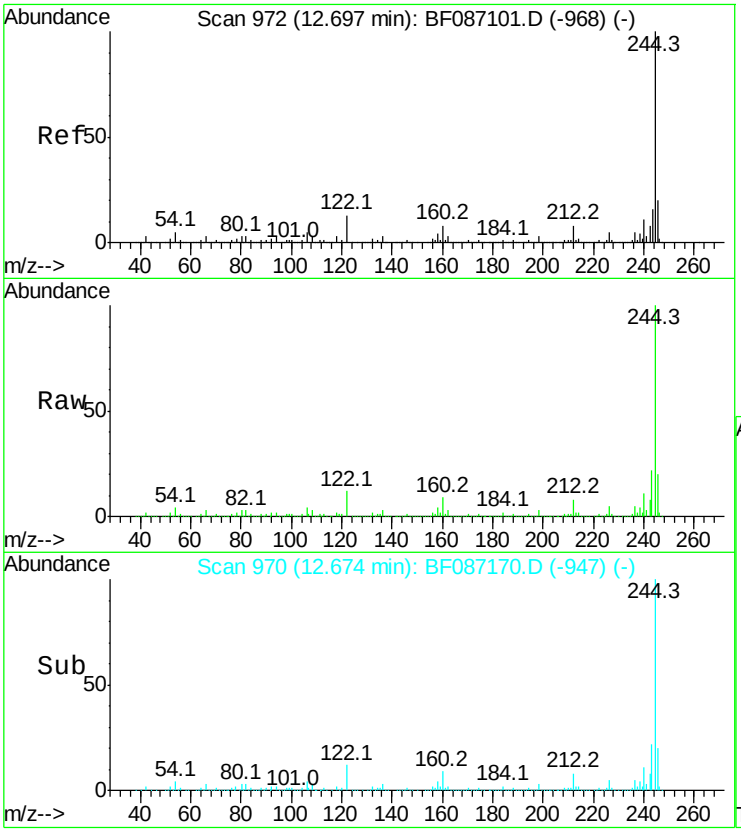


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:240 Resp: 298707

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	26.0	21.2	31.8



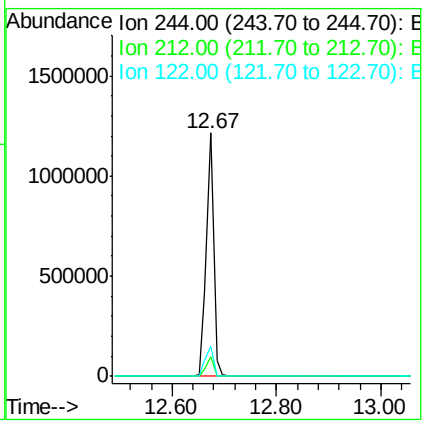


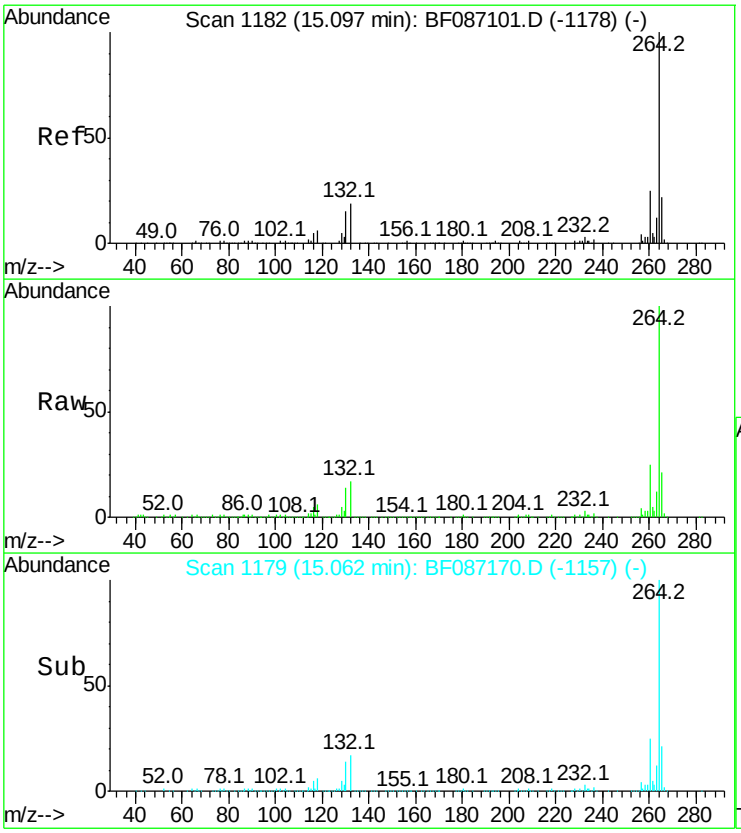
#78
Terphenyl-d14
Concen: 90.45 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:244 Resp: 1194446

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087170.D
Acq: 19 May 2016 4:48

Tgt Ion:264 Resp: 284551

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.2	17.3	25.9