Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089484.D
Acq On : 31 Jul 2016 21:48
Operator : UM/SJ
Sample : H4251-09 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 01 01:17:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	32363	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	110571	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	47197	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	88448	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	96568	20.00	ng	-0.06
86) Perylene-d12	14.94	264	72710	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	6282	3.10	ng	-0.03
7) Phenol-d6	6.17	99	9793	3.66	ng	-0.03
23) Nitrobenzene-d5	7.07	82	5969	3.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.31	330	1279	3.27	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	11715	3.64	ng	-0.06
78) Terphenyl-d14	12.57	244	11869	2.88	ng	-0.06
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.52	165	5890	7.98	ng	# 24
56) 2,4-Dinitrotoluene	9.52	165	5890	6.06	ng	# 7

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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Acq On : 31 Jul 2016 21:48
Operator : UM/SJ
Sample : H4251-09 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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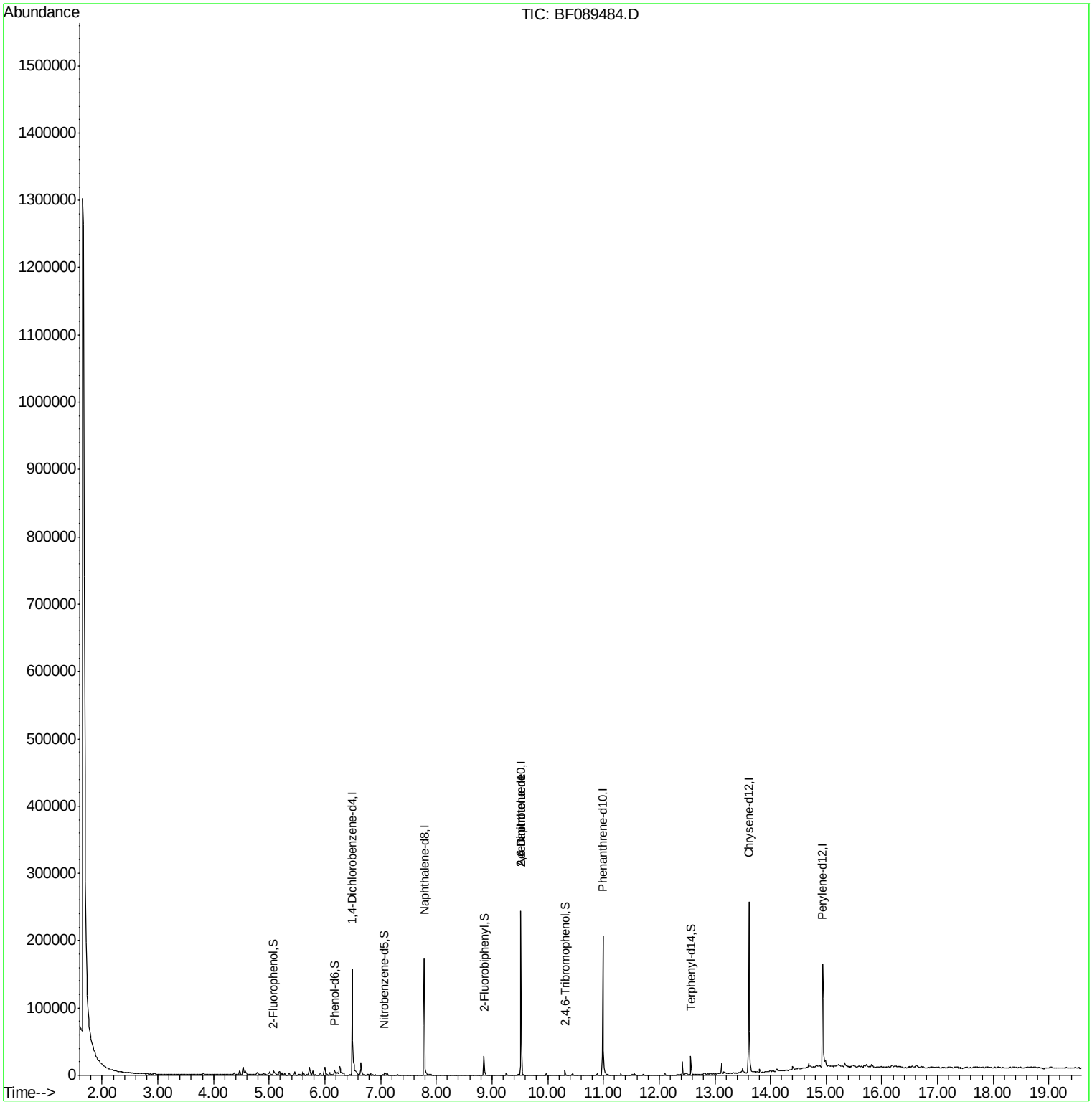
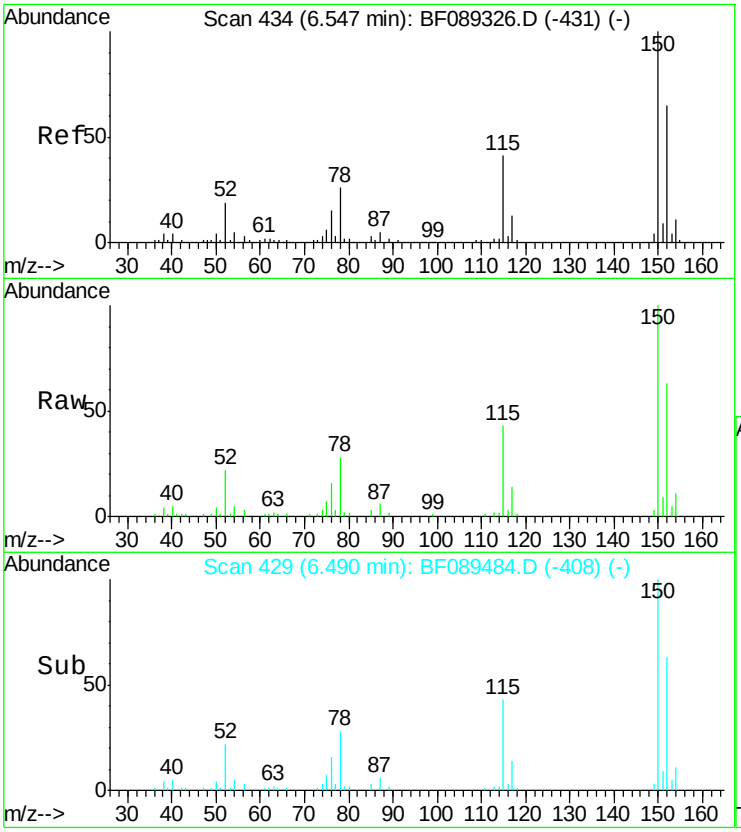


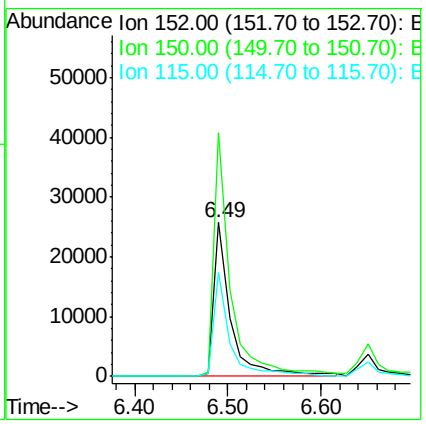


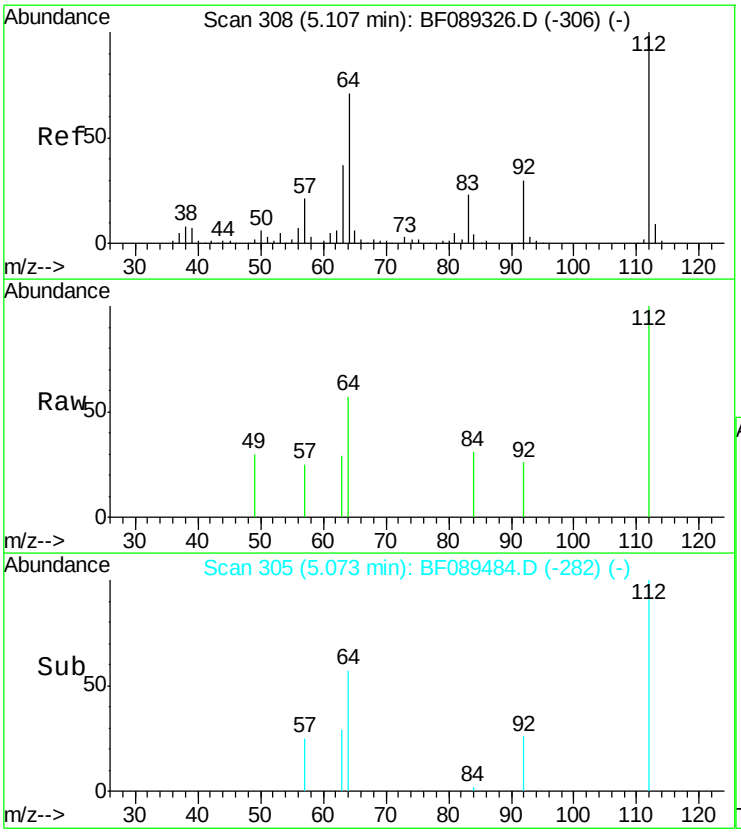
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32363

Ion	Ratio	Lower	Upper
152	100		
150	158.6	129.5	194.3
115	67.4	51.4	77.2

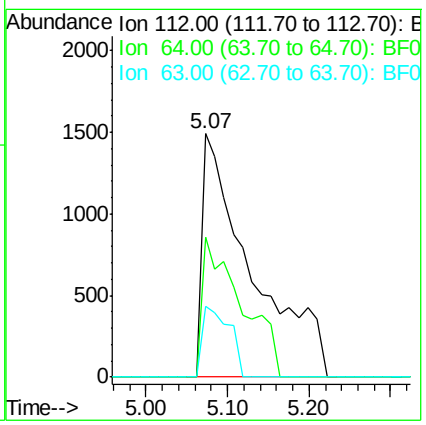


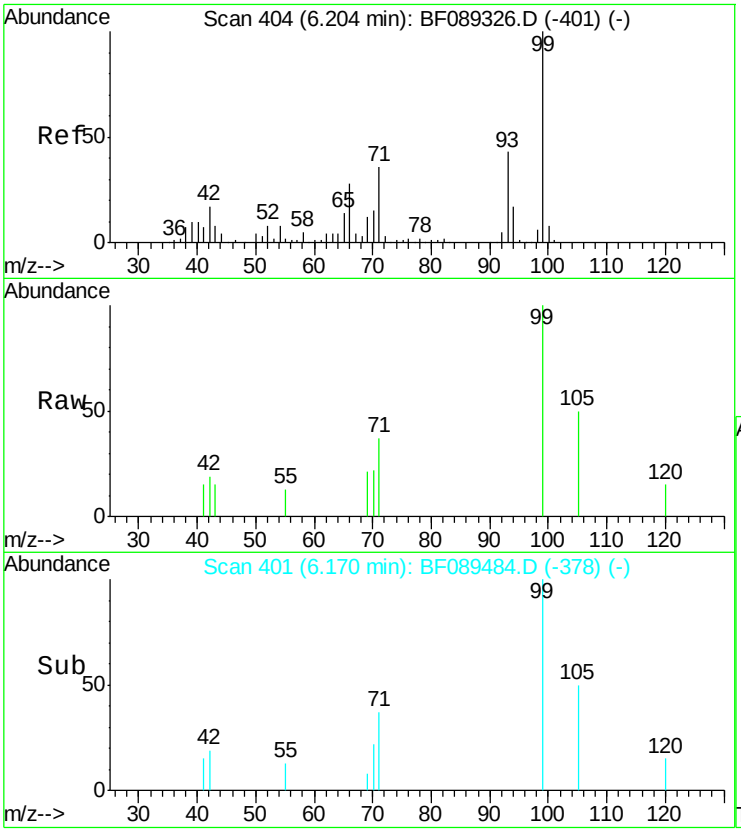


#5
2-Fluorophenol
Concen: 3.10 ng
RT: 5.07 min Scan# 305
Delta R.T. -0.03 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:112 Resp: 6282

Ion	Ratio	Lower	Upper
112	100		
64	57.5	55.0	82.6
63	29.2	29.4	44.2#



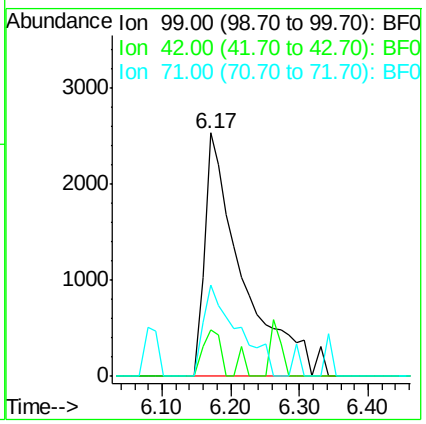


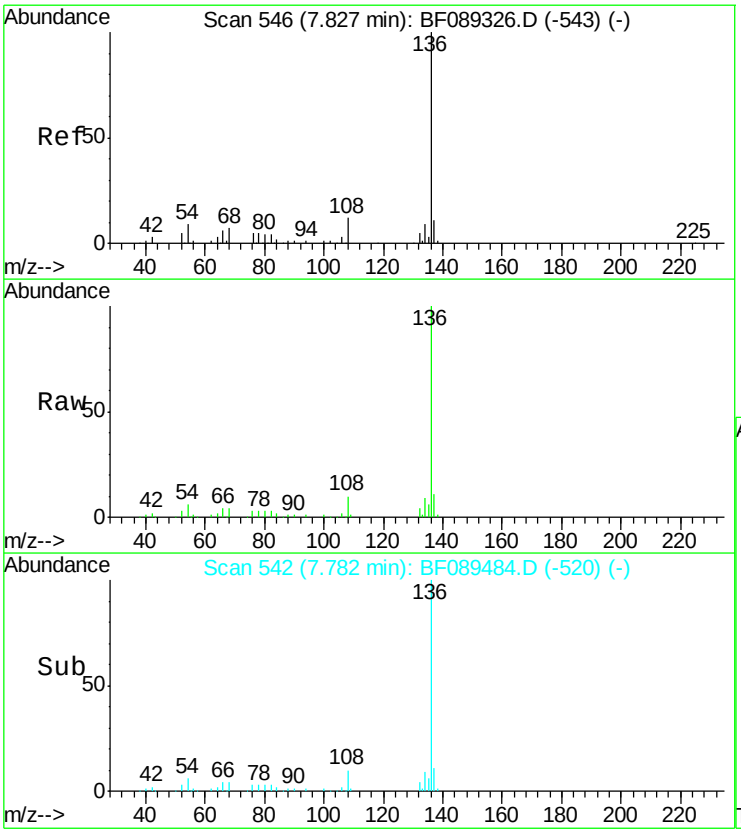
#7
Phenol-d6
Concen: 3.66 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 9793

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.6	20.4
71	37.5	29.4	44.2

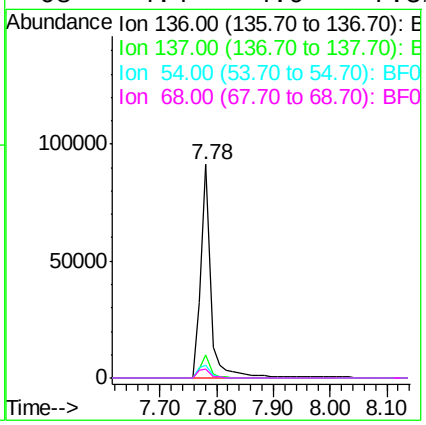


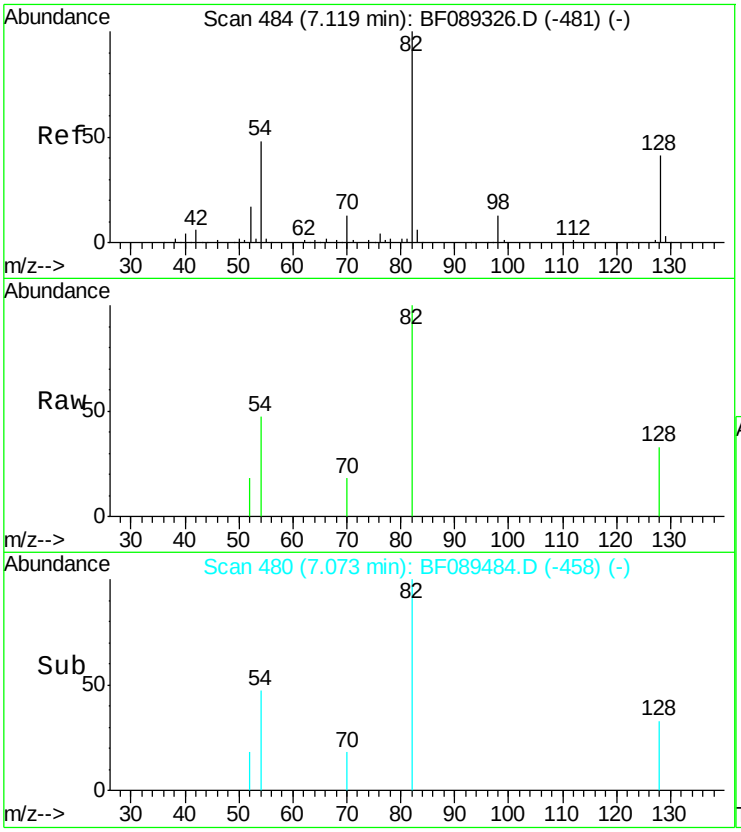


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:136 Resp: 110571

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.0	7.0	10.4#
68	4.4	4.9	7.3#



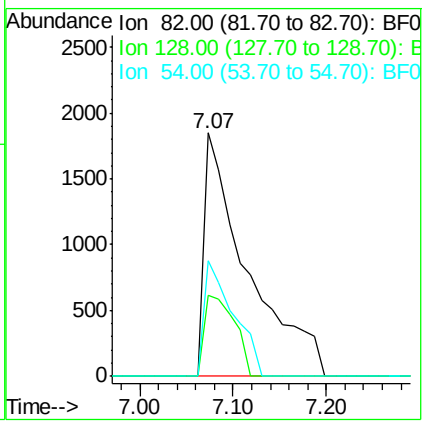


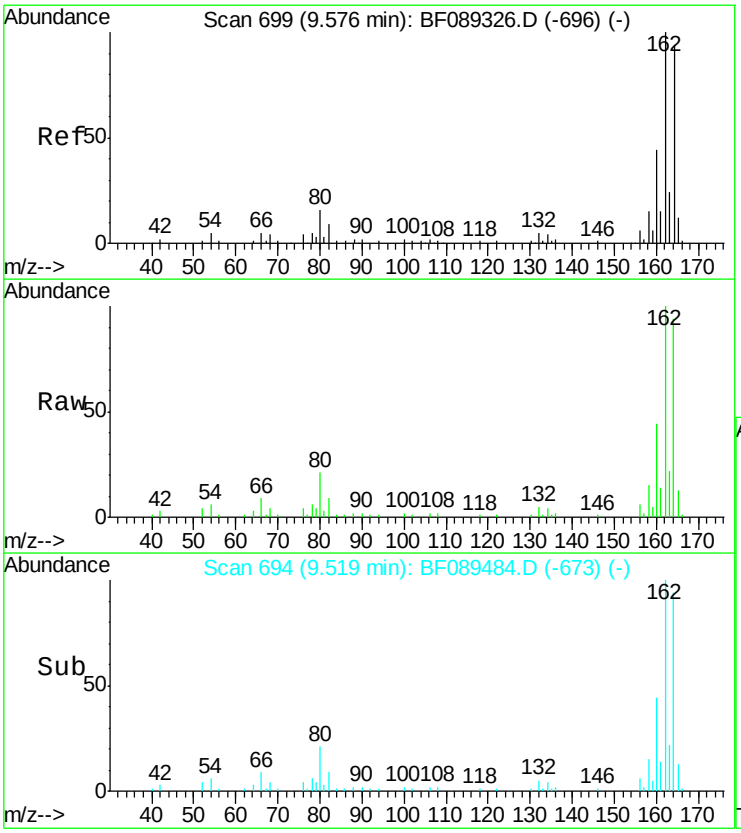
#23
Nitrobenzene-d5
Concen: 3.19 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 5969

Ion	Ratio	Lower	Upper
82	100		
128	33.0	32.5	48.7
54	47.3	38.8	58.2

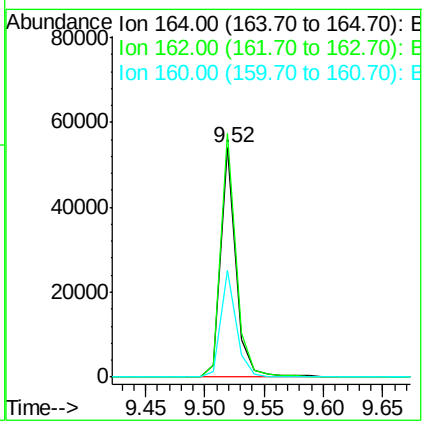


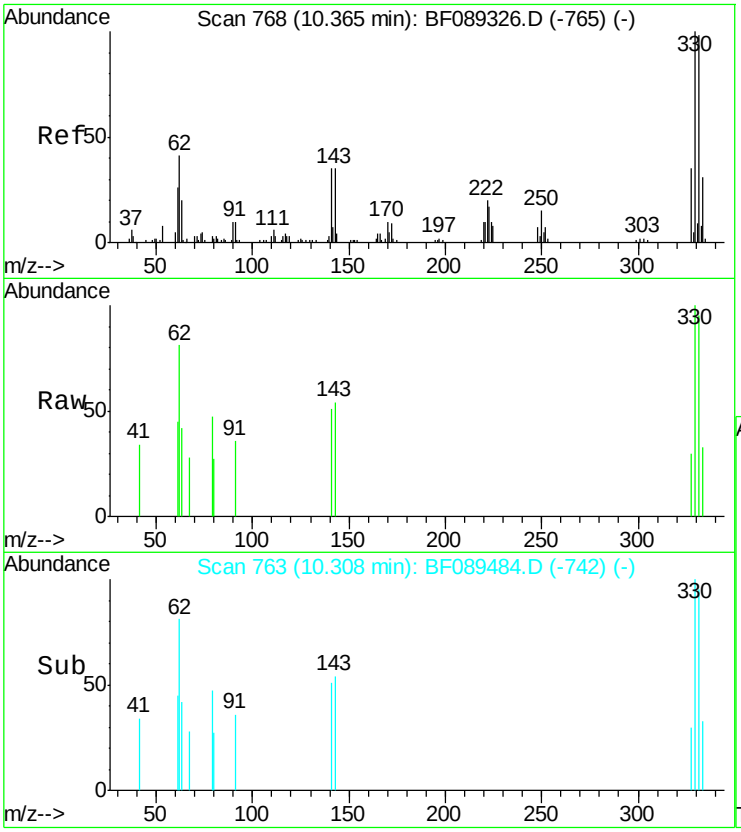


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:164 Resp: 47197

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.7	125.5
160	46.8	37.8	56.6



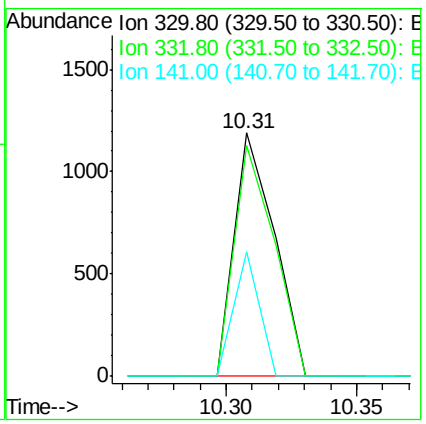


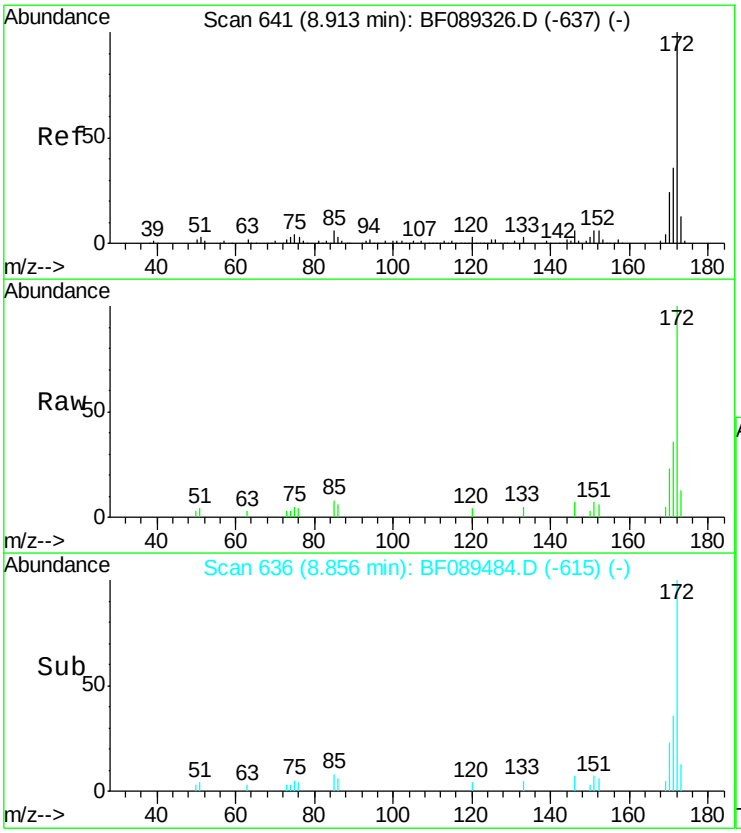
#41
2,4,6-Tribromophenol
Concen: 3.27 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1279

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.8	115.2
141	32.7	37.3	55.9#

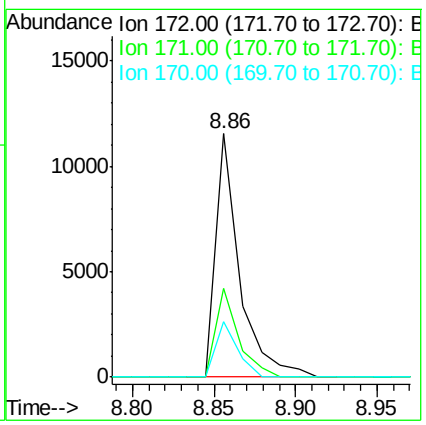


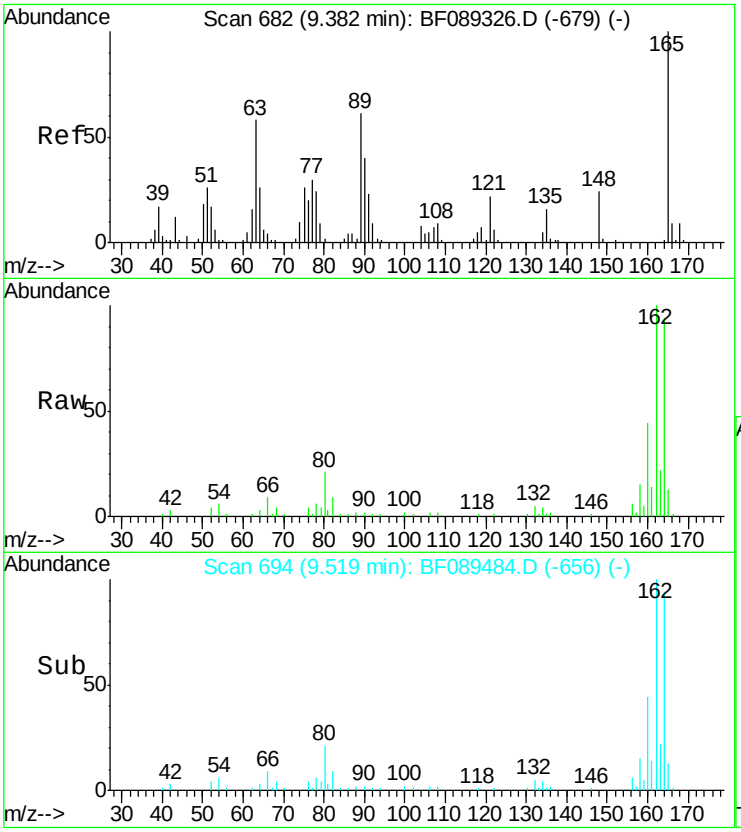


#44
2-Fluorobiphenyl
Concen: 3.64 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:172 Resp: 11715

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	22.8	19.2	28.8



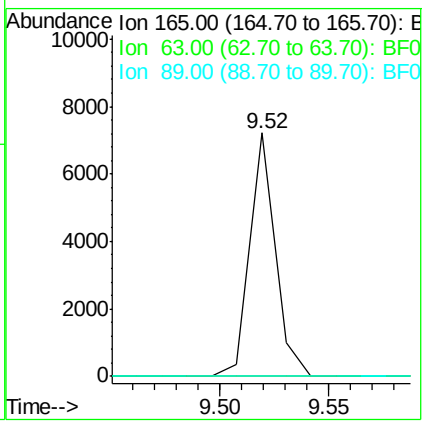


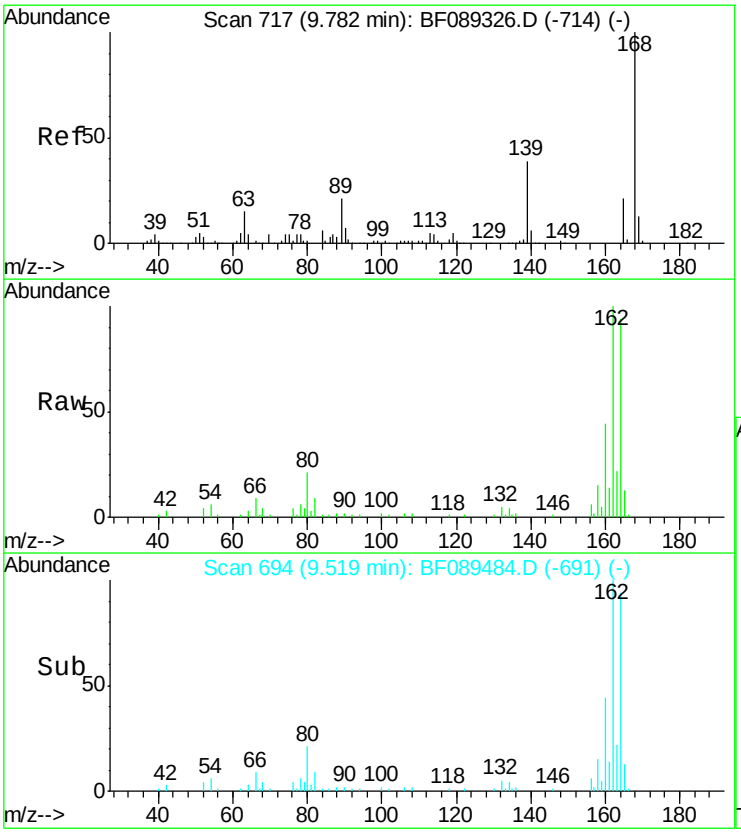
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.14 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5890

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#

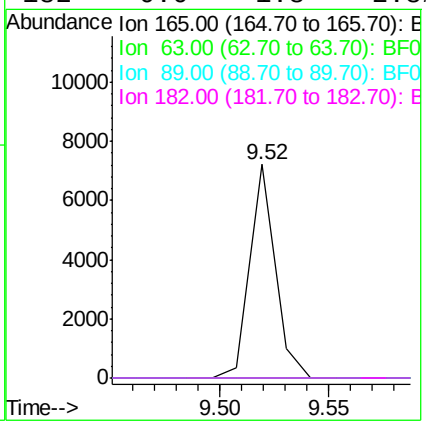


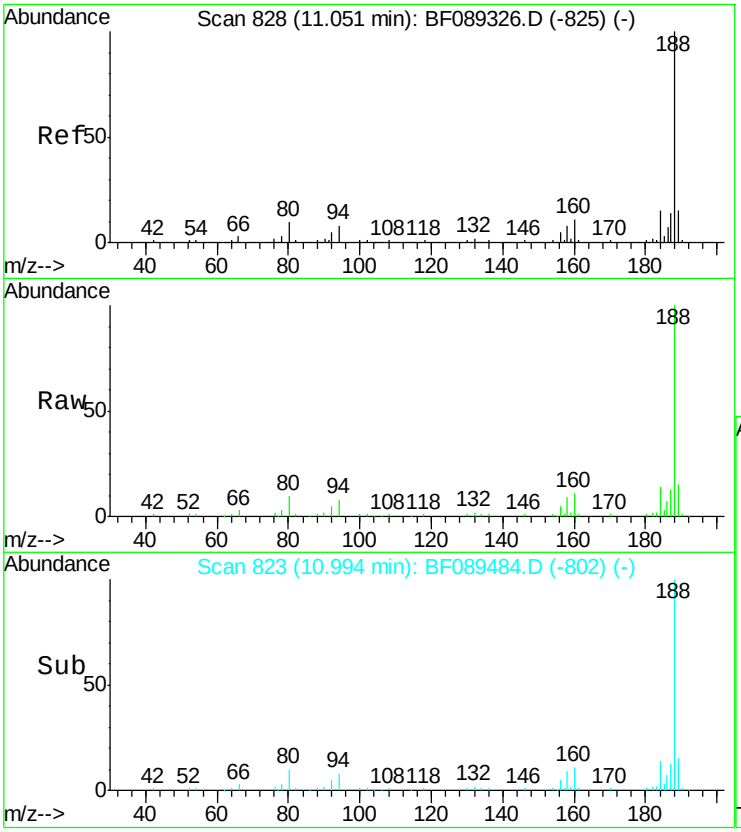


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:165 Resp: 5890

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



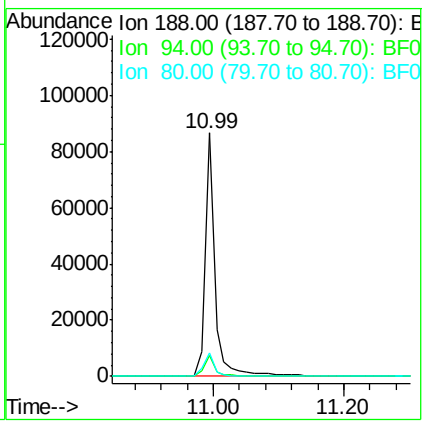


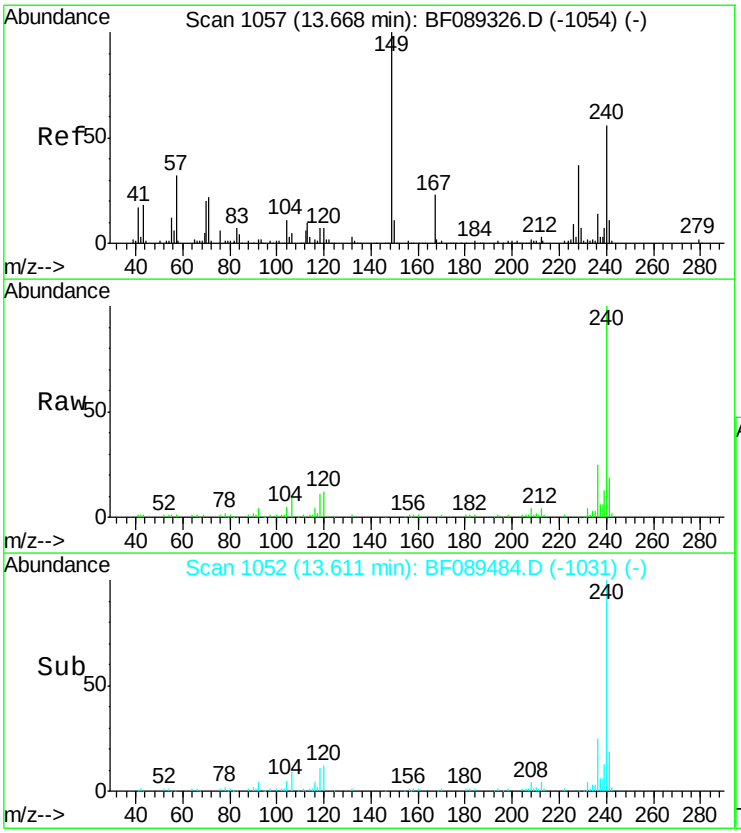
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 88448

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.5	9.7
80	9.7	7.2	10.8

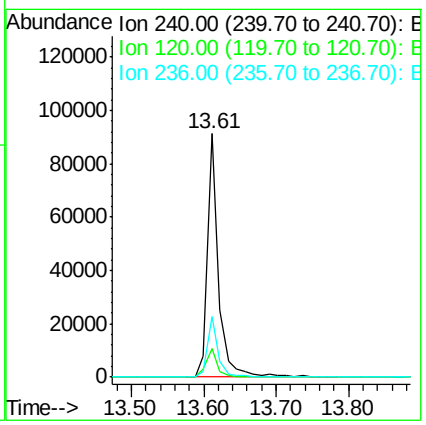


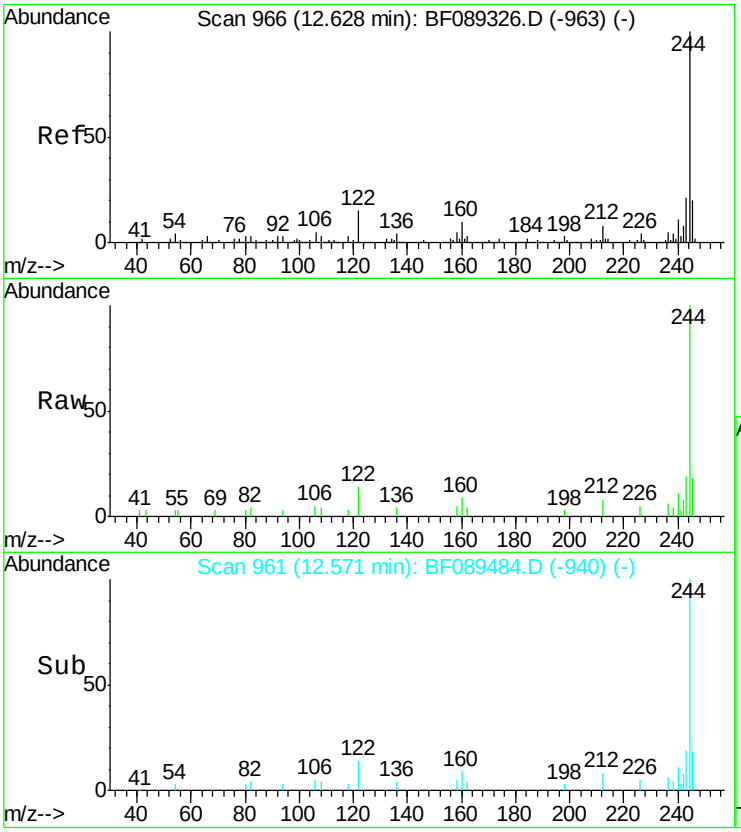


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:240 Resp: 96568

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.1	13.7
236	24.7	20.6	30.8



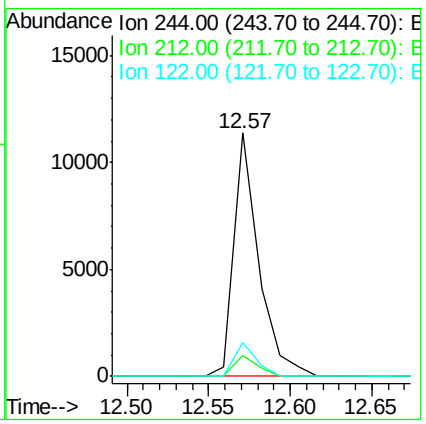


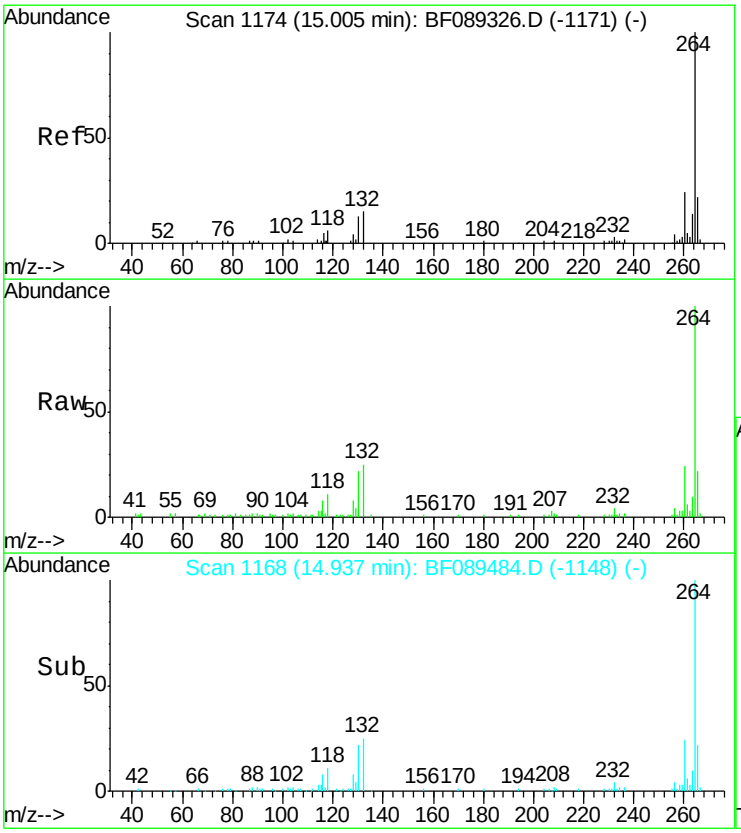
#78
Terphenyl-d14
Concen: 2.88 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 11869

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	13.6	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089484.D
Acq: 31 Jul 2016 21:48

Tgt Ion:264 Resp: 72710

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.8	17.5	26.3