Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
Data File : BF088871.D
Acq On : 9 Jul 2016 15:11
Operator : UM/SJ
Sample : H3813-03 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL002-01

Quant Time: Jul 11 04:34:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70360	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	269225	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130526	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	267026	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	216500	20.00	ng	-0.02
86) Perylene-d12	15.22	264	149271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2370	0.50	ng	0.00
7) Phenol-d6	6.39	99	3852	0.63	ng	0.01
23) Nitrobenzene-d5	7.28	82	2077	0.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	311	0.26	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	4038	0.49	ng	-0.02
78) Terphenyl-d14	12.81	244	4430	0.46	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.75	165	16422	7.97	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	16422	6.09	ng	# 36

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

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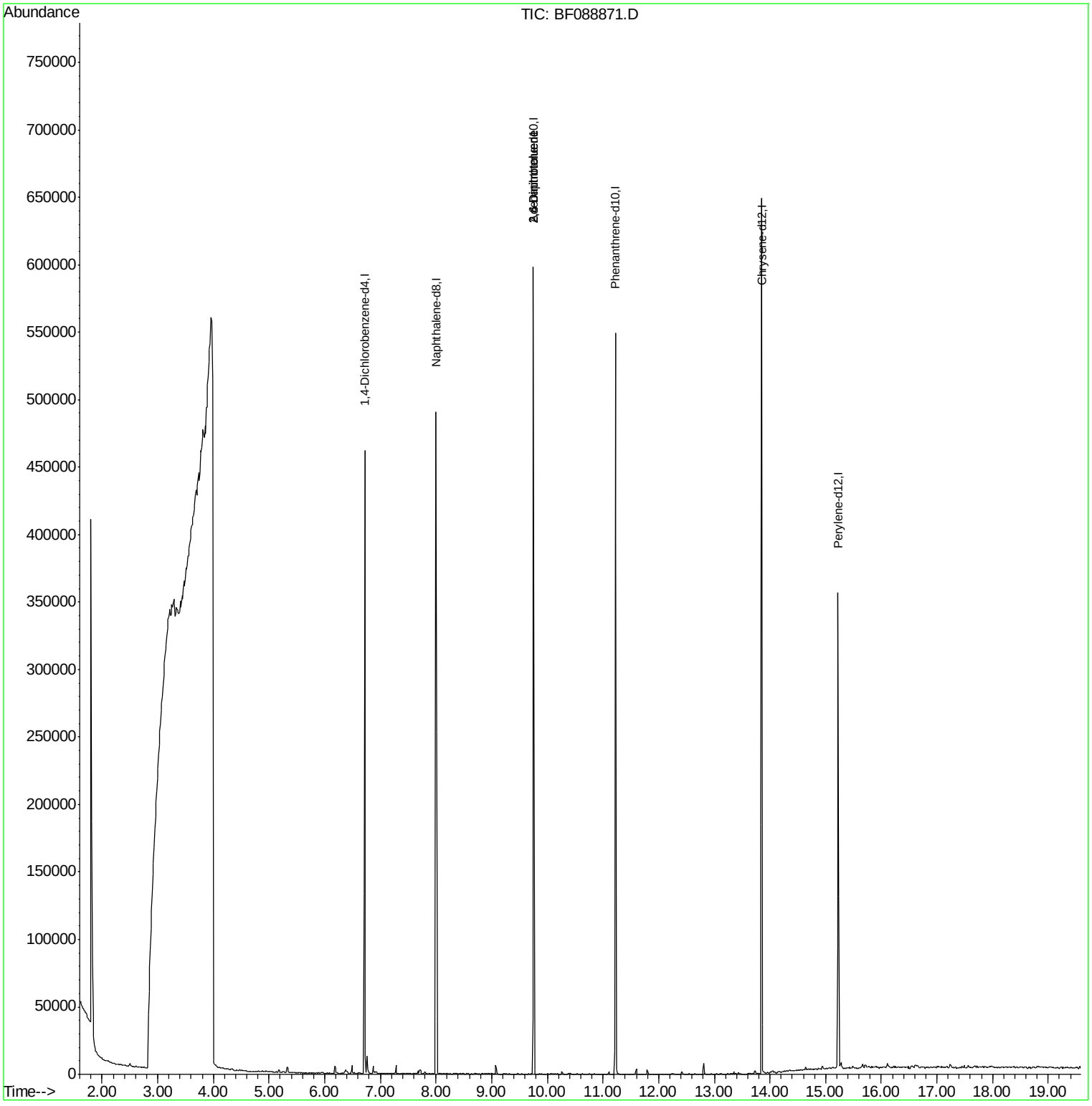
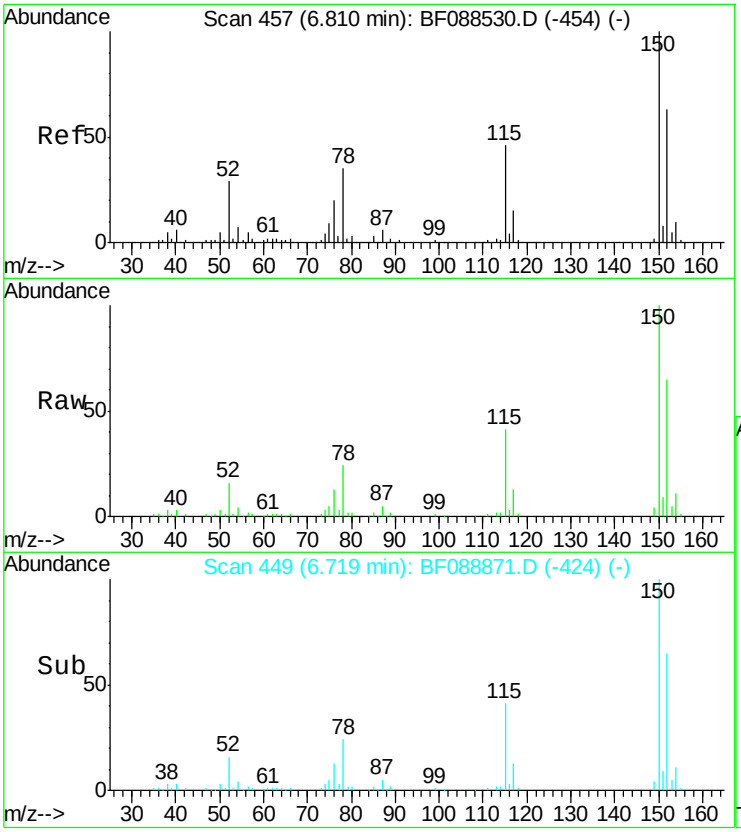


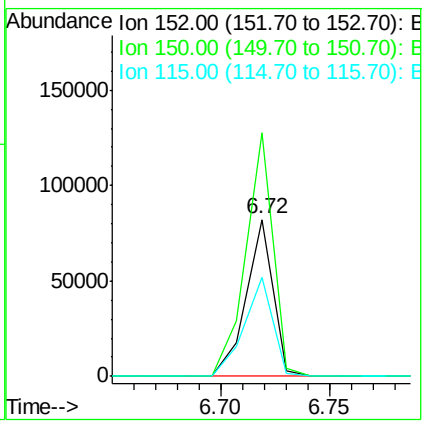


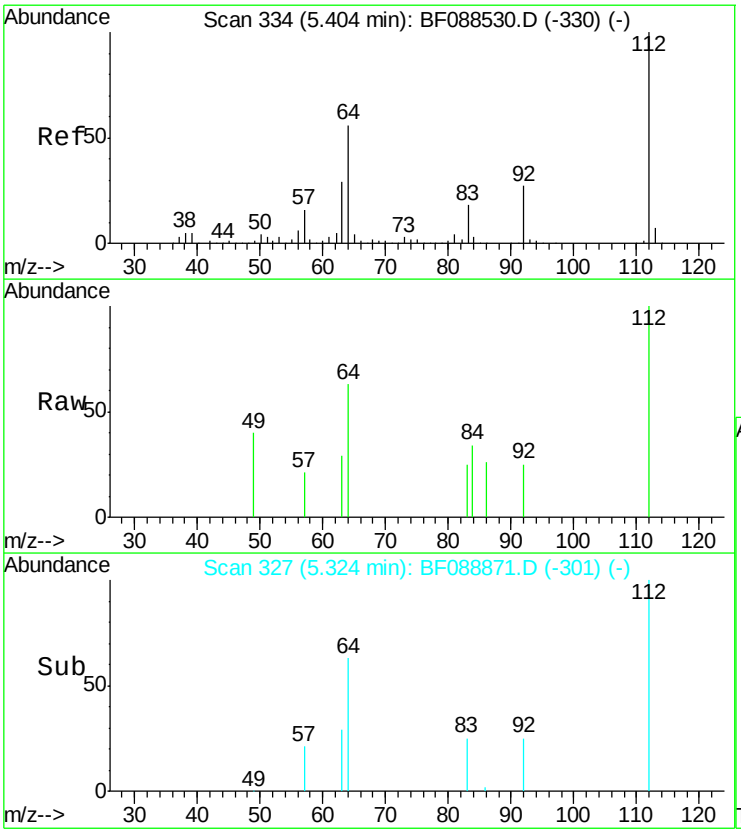
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:152 Resp: 70360

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	63.3	39.6	59.4#

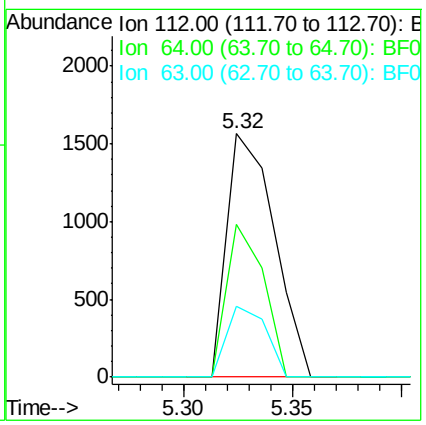


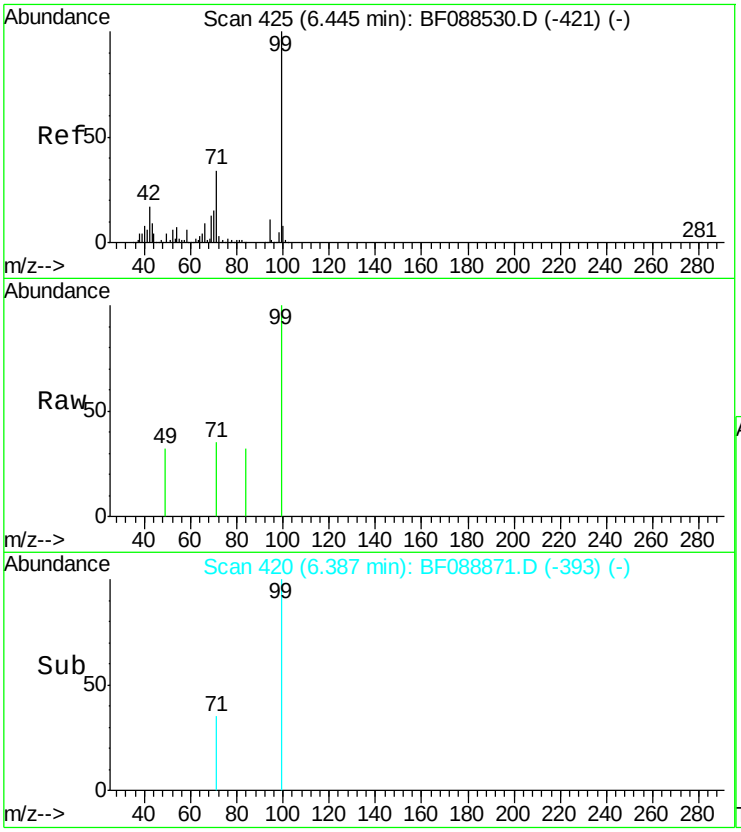


#5
2-Fluorophenol
Concen: 0.50 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:112 Resp: 2370

Ion	Ratio	Lower	Upper
112	100		
64	62.6	42.2	63.2
63	29.0	21.8	32.8



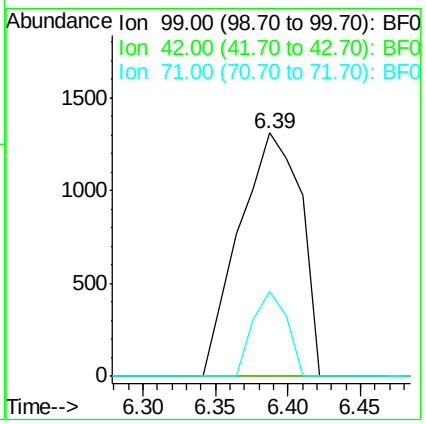


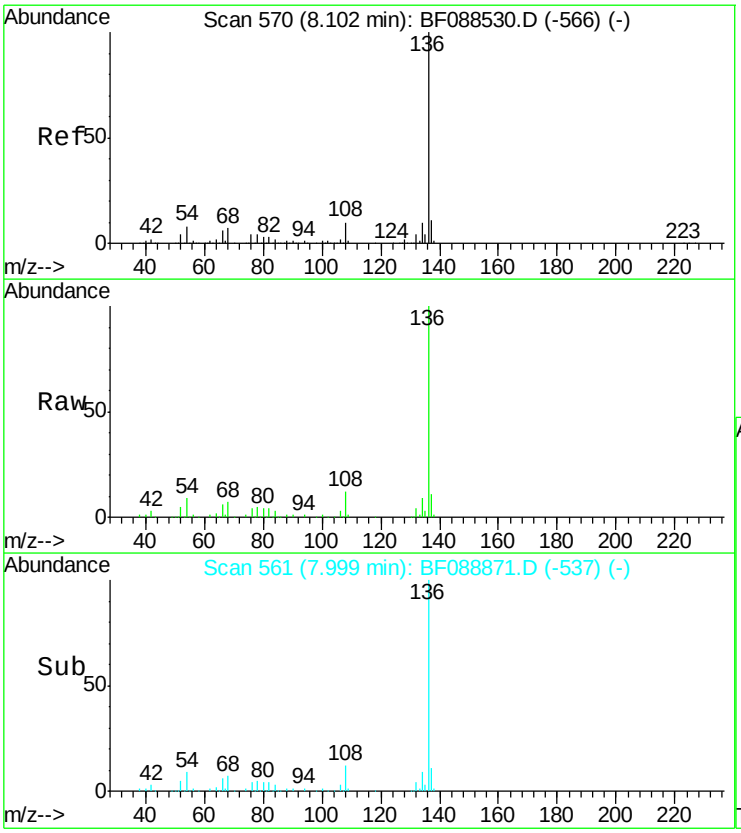
#7
Phenol-d6
Concen: 0.63 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion: 99 Resp: 3852

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	34.8	23.4	35.0

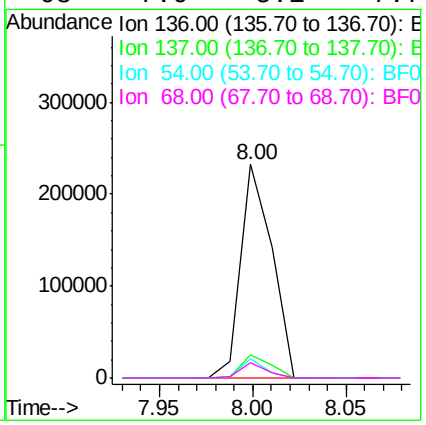


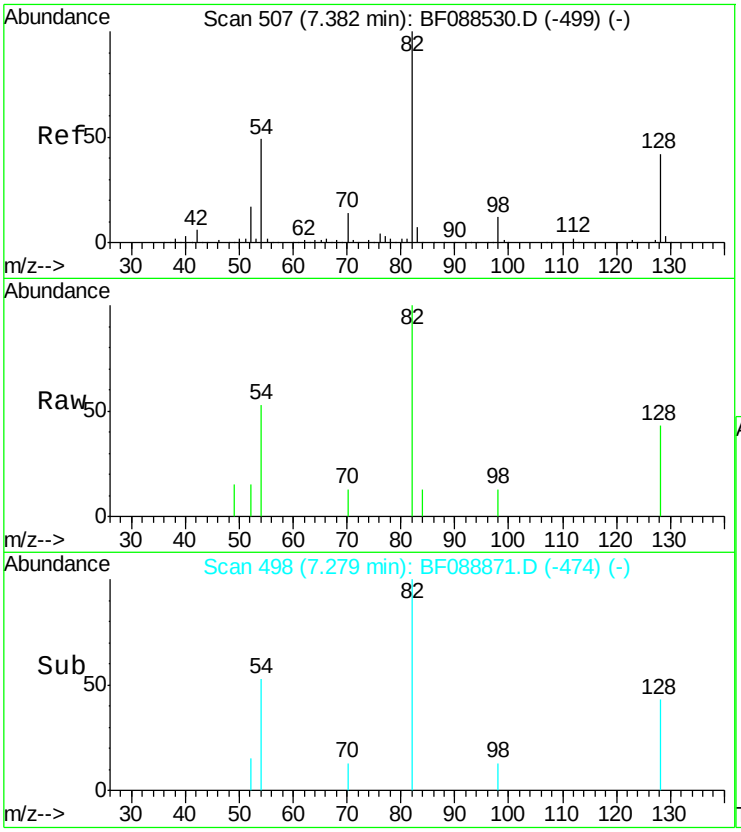


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:136 Resp: 269225

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.9	6.6	10.0
68	7.0	5.1	7.7



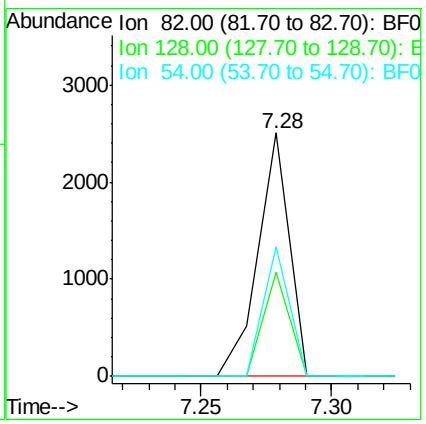


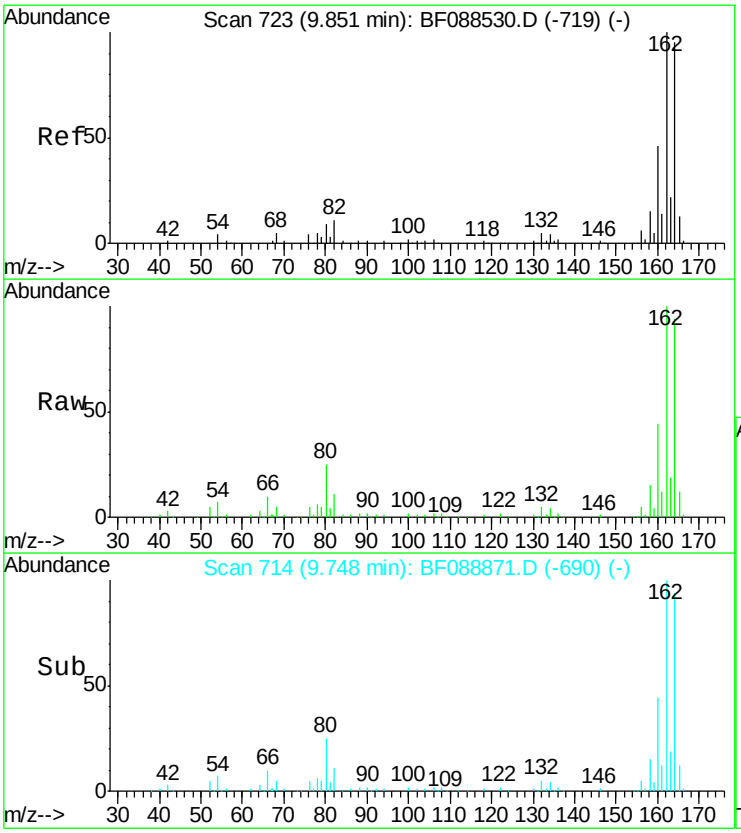
#23
Nitrobenzene-d5
Concen: 0.40 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion: 82 Resp: 2077

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.9	53.9
54	53.5	40.9	61.3

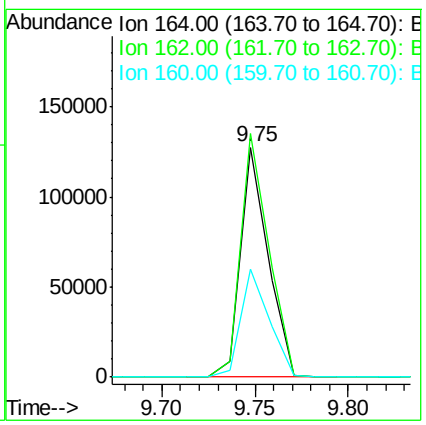


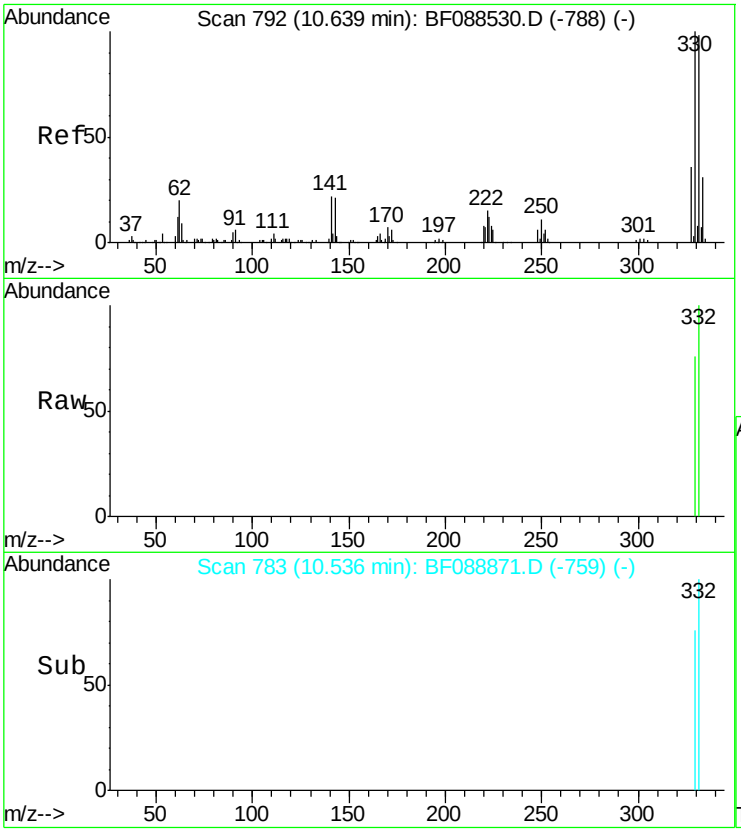


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:164 Resp: 130526

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	47.1	39.5	59.3



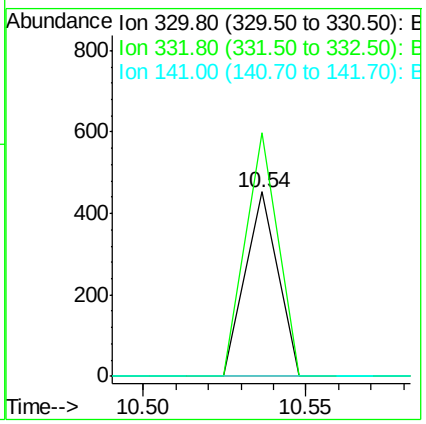


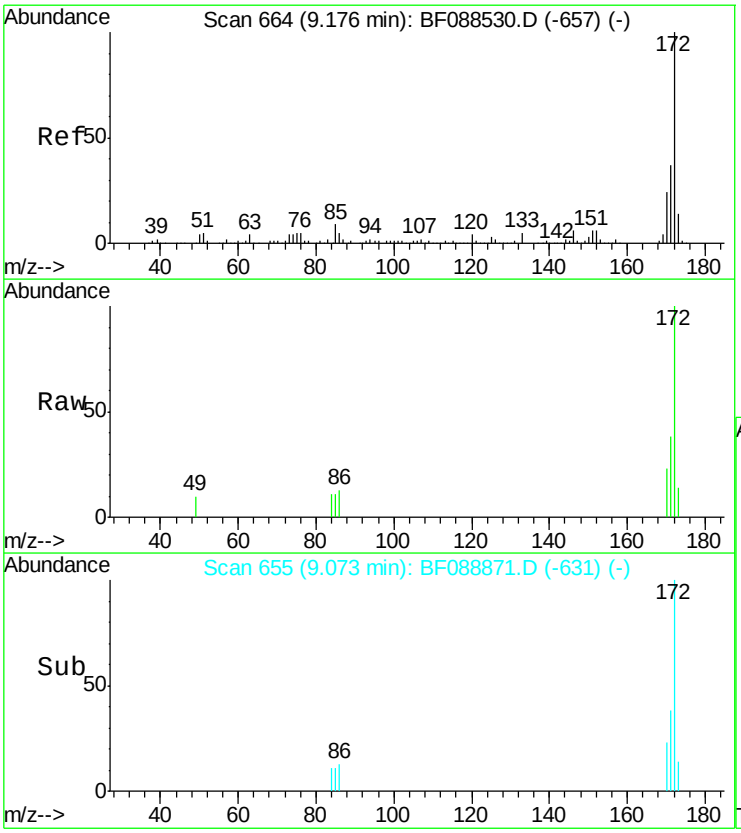
#41
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:330 Resp: 311

Ion	Ratio	Lower	Upper
330	100		
332	131.8	0.0	0.0#
141	0.0	0.0	0.0

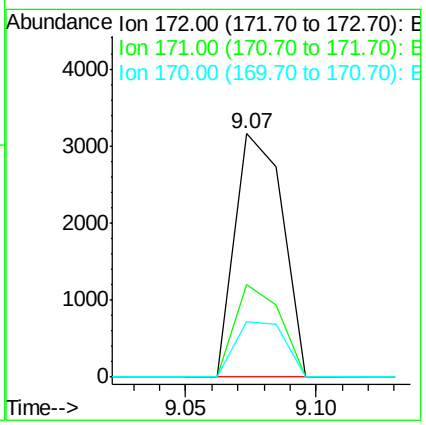


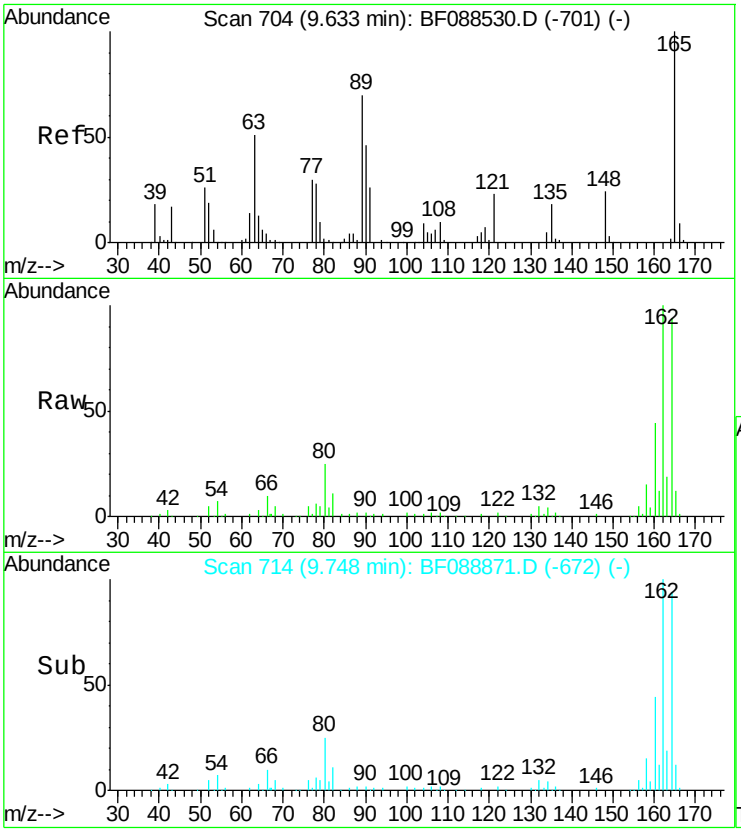


#44
2-Fluorobiphenyl
Concen: 0.49 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:172 Resp: 4038

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.6	43.0
170	22.6	19.2	28.8



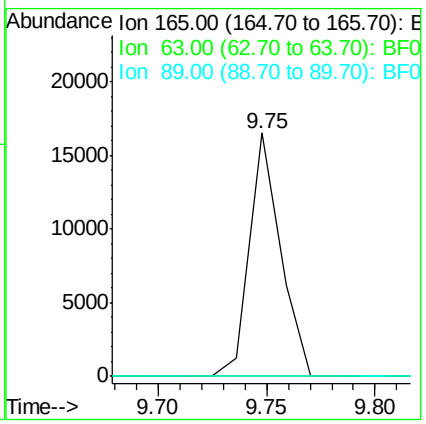


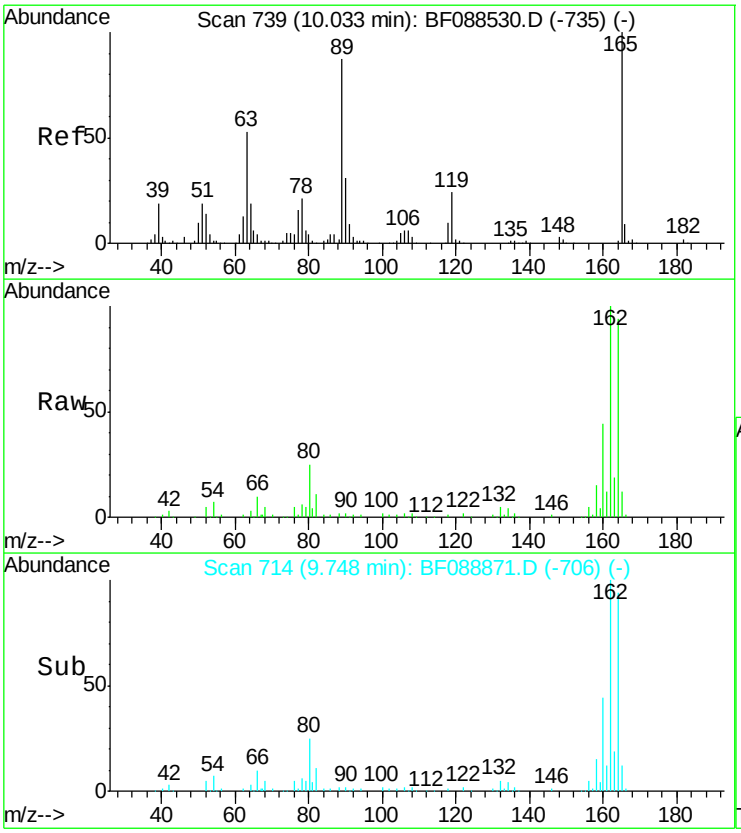
#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.18 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:165 Resp: 16422

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

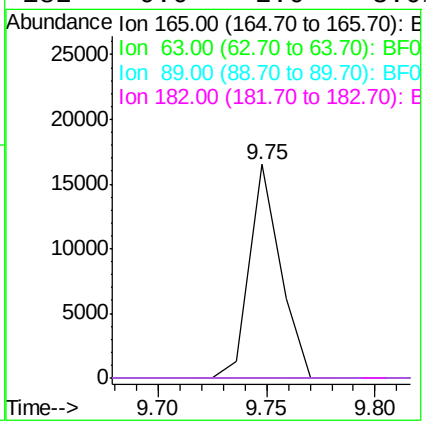


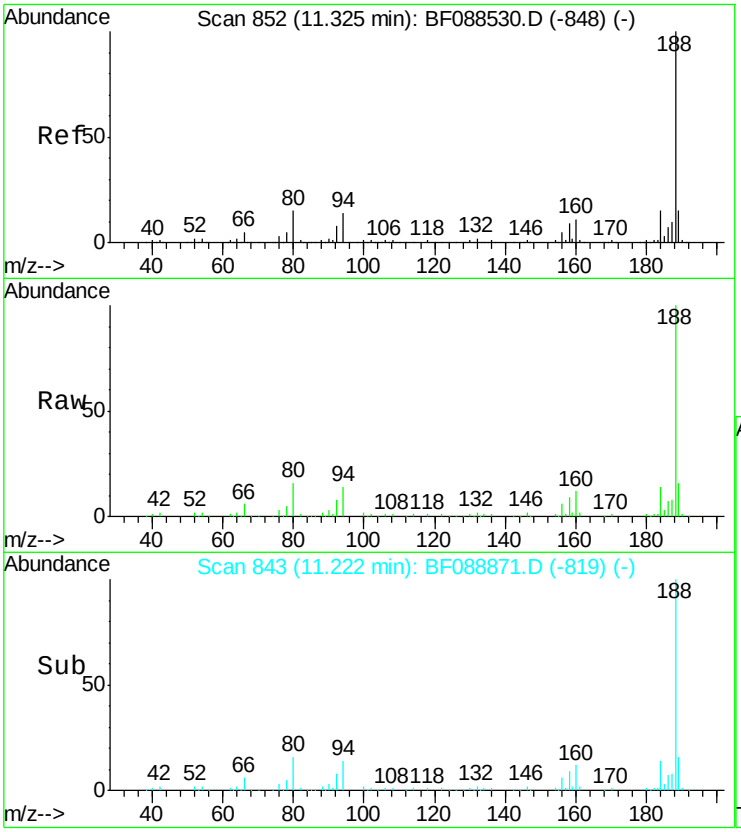


#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:165 Resp: 16422

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



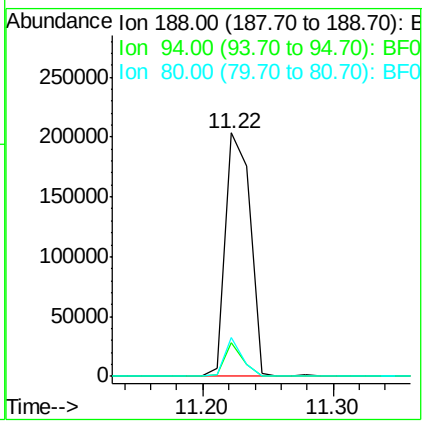


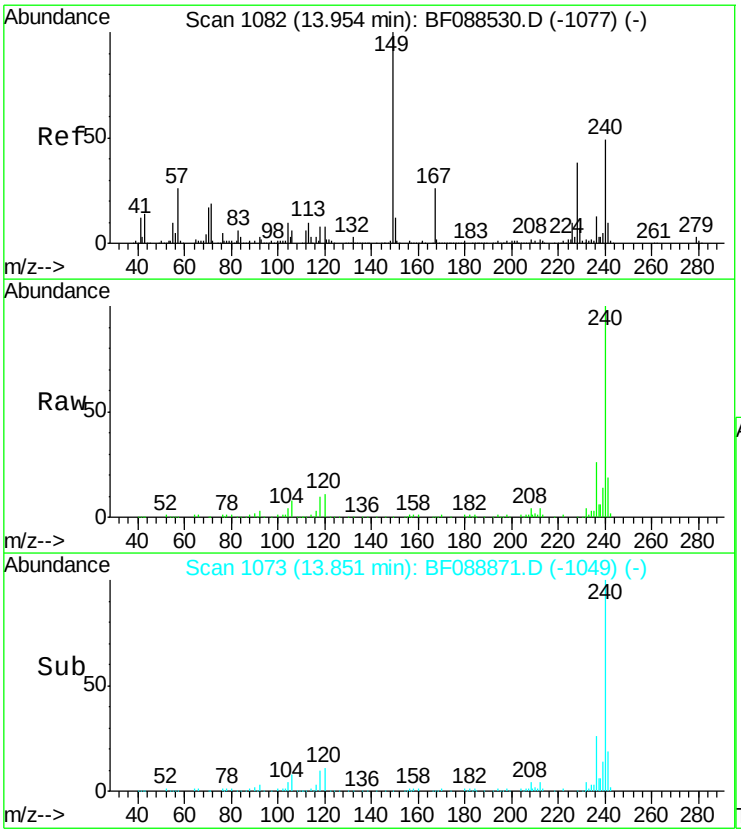
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:188 Resp: 267026

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.0	13.6#
80	15.9	10.0	15.0#

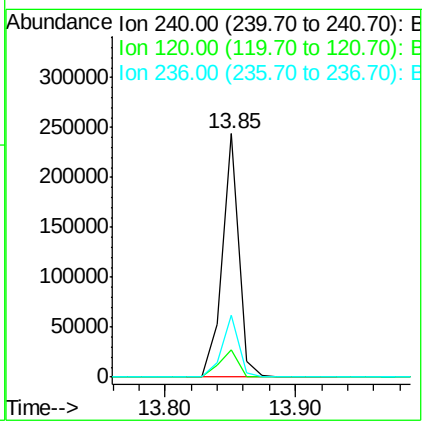


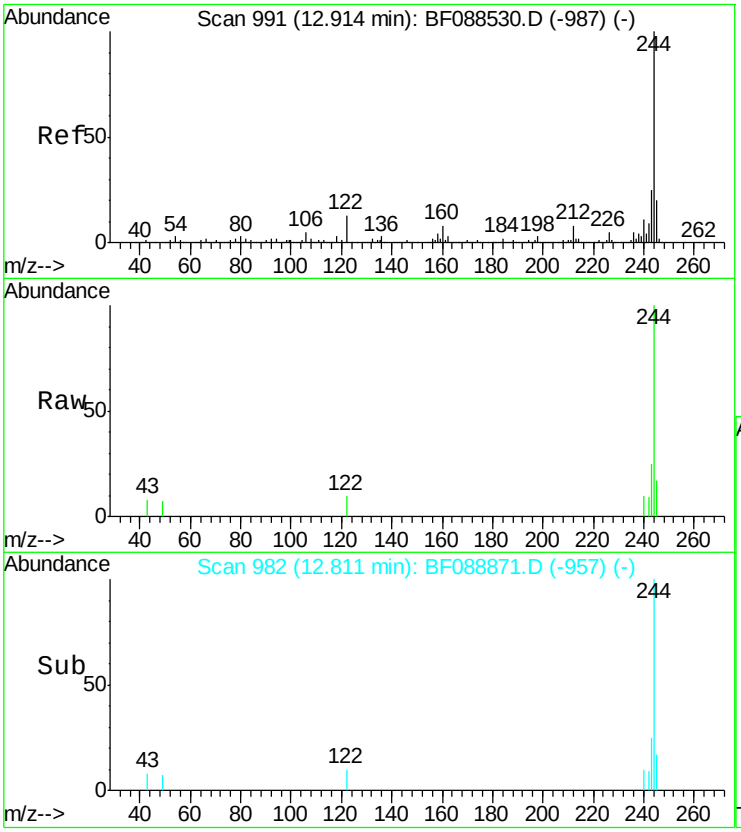


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:240 Resp: 216500

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	25.7	20.2	30.2



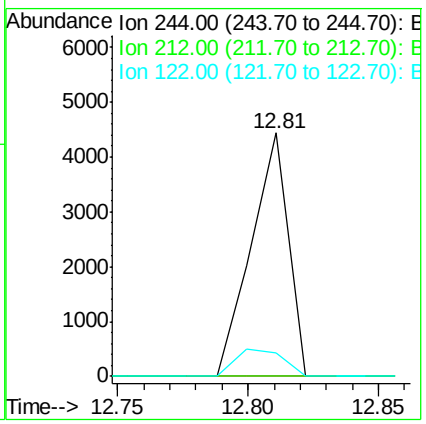


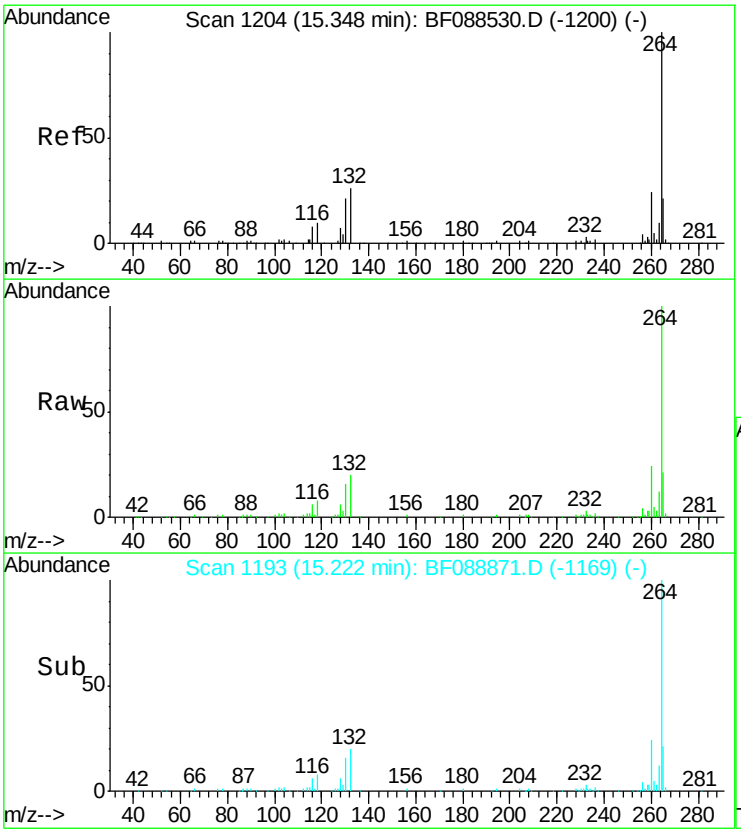
#78
Terphenyl-d14
Concen: 0.46 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:244 Resp: 4430

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	9.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:264 Resp: 149271

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	16.9	25.3