Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
Data File : BF088222.D
Acq On : 21 Jun 2016 19:46
Operator : UM/SJ
Sample : H3656-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DAY5

Quant Time: Jun 22 00:50:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	89039	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	349632	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	164429	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	312217	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	259295	20.00	ng		-0.01
86) Perylene-d12	15.17	264	191842	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	339428	65.17	ng		-0.01
7) Phenol-d6	6.30	99	264721	41.94	ng		-0.03
23) Nitrobenzene-d5	7.22	82	479356	80.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	192517	110.88	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	877891	83.79	ng		-0.02
78) Terphenyl-d14	12.75	244	829350	72.78	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	11840	2.68	ng	#	75
10) Phenol	6.32	94	801	Below Cal		#	1
18) Hexachloroethane	7.22	117	20384	8.62	ng	#	3
19) n-Nitroso-di-n-propylamine	7.22	70	62948	15.59	ng	#	70
25) Isophorone	7.22	82	375712	33.88	ng	#	65
37) 2-Methylnaphthalene	8.74	142	58105	5.10	ng	#	91
45) 1,1'-Biphenyl	9.02	154	1800	Below Cal		#	1
57) Fluorene	10.24	166	11321	Below Cal			96
64) 4,6-Dinitro-2-methylphenol	10.48	198	262	2.29	ng	#	1
66) 4-Bromophenyl-phenylether	10.48	248	12886	3.85	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Jun 2016 19:46
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DAY5

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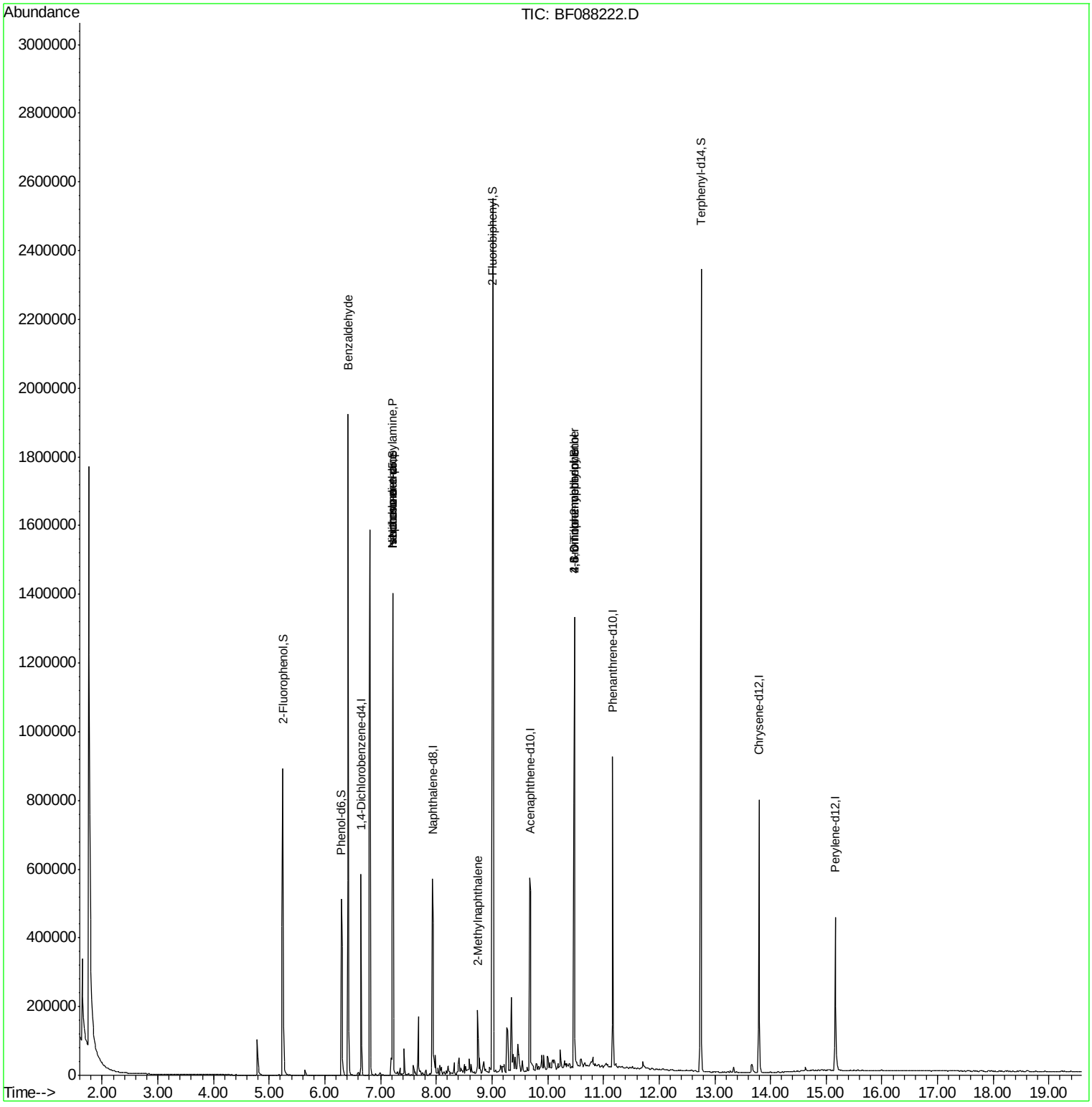
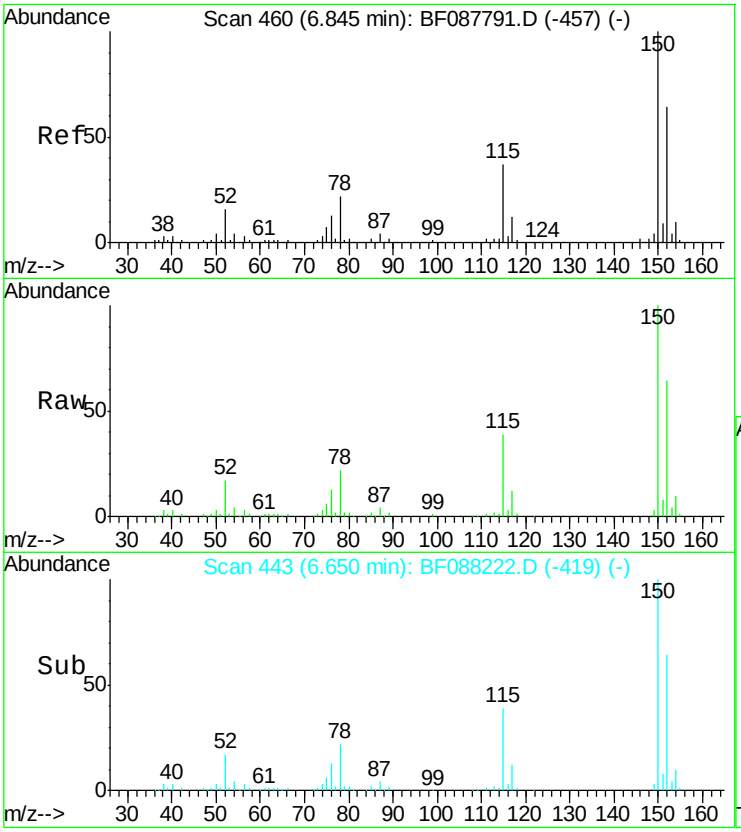


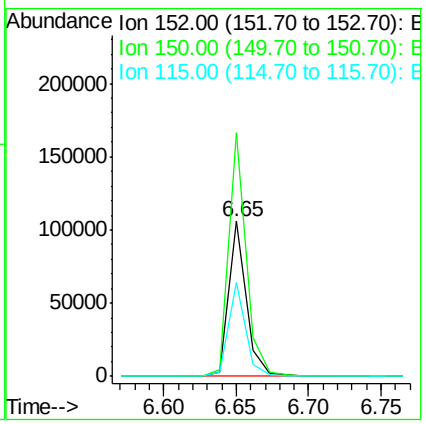


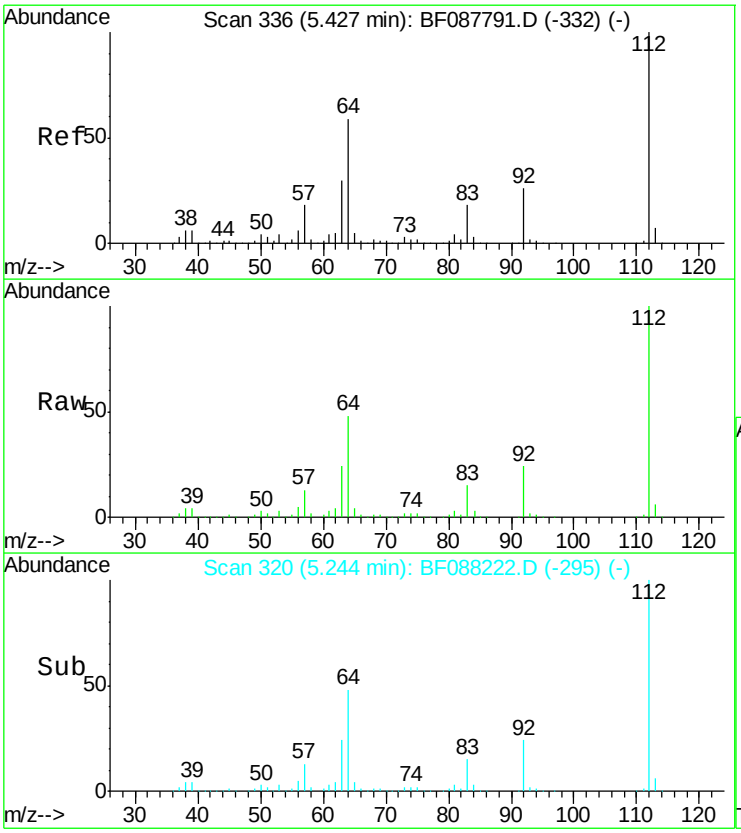
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:152 Resp: 89039

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	60.7	39.6	59.4#

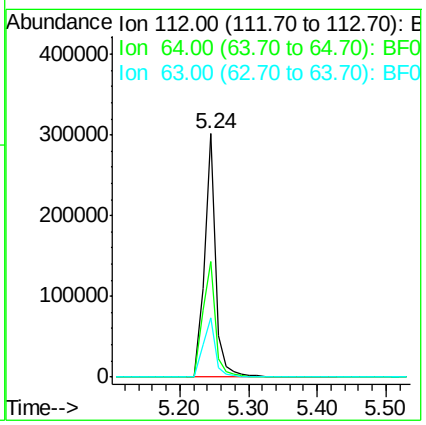


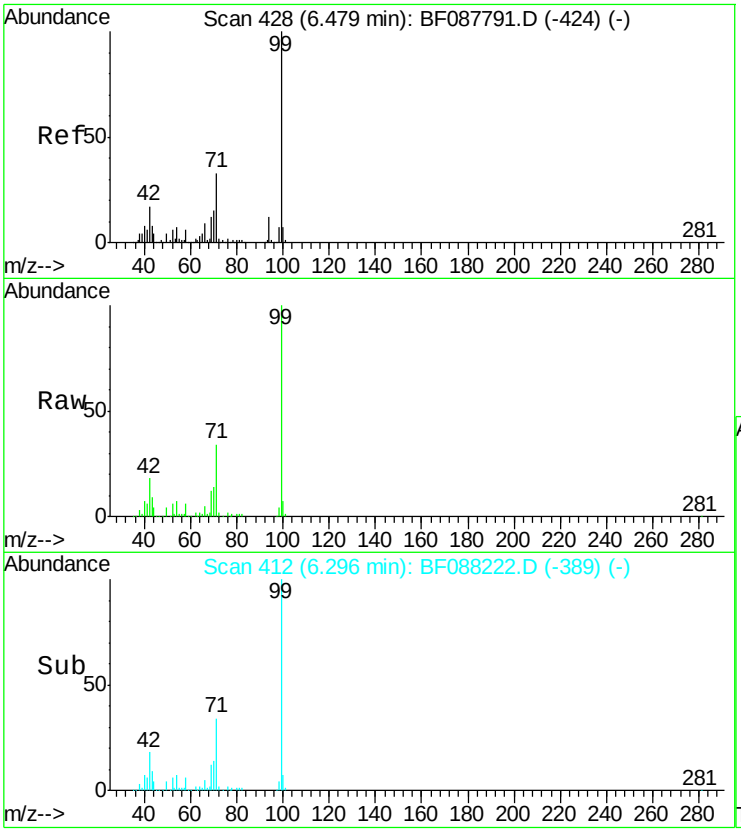


#5
2-Fluorophenol
Concen: 65.17 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:112 Resp: 339428

Ion	Ratio	Lower	Upper
112	100		
64	47.6	42.2	63.2
63	24.2	21.8	32.8



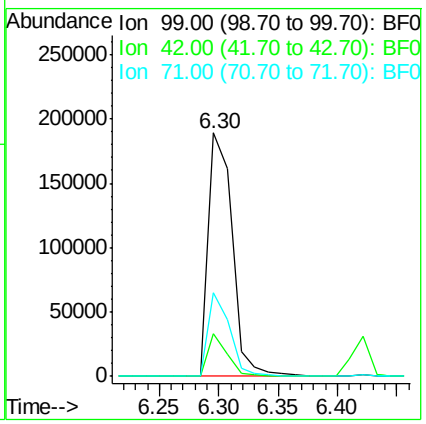


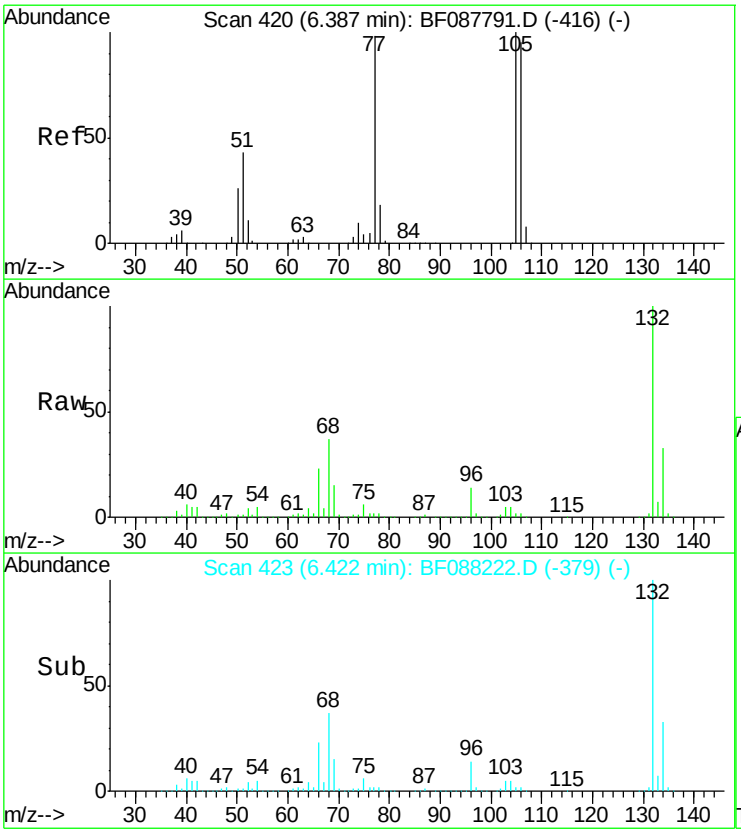
#7
Phenol-d6
Concen: 41.94 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion: 99 Resp: 264721

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.2	18.2
71	34.1	23.4	35.0

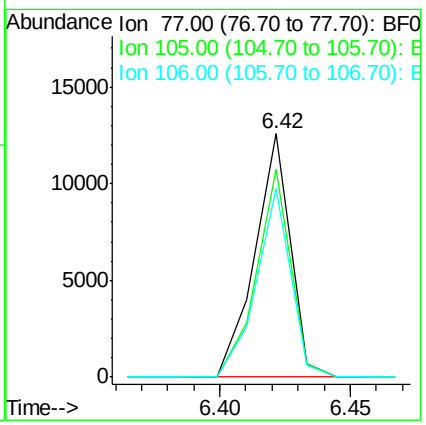


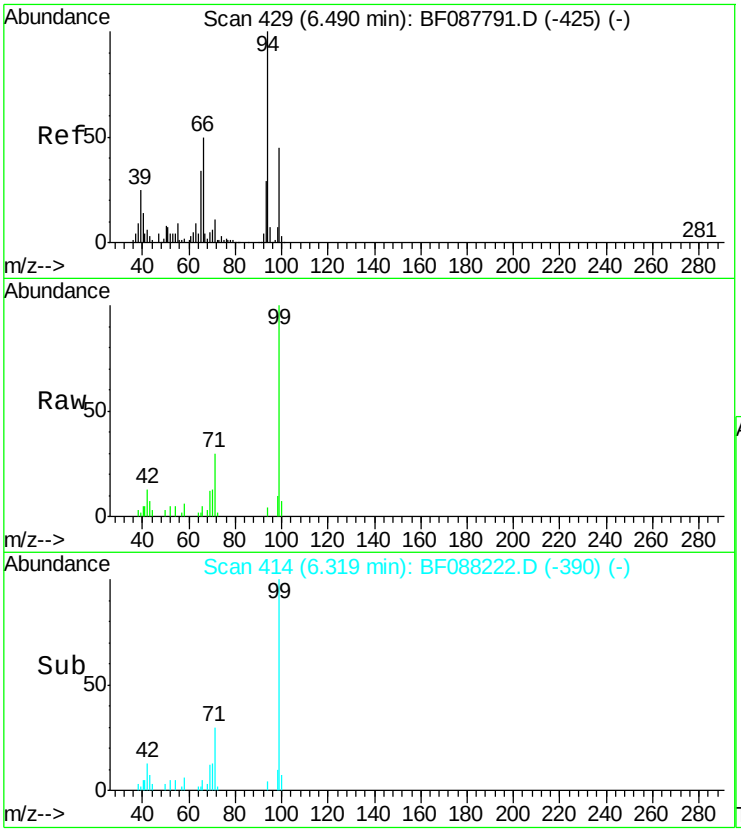


#9
Benzaldehyde
Concen: 2.68 ng
RT: 6.42 min Scan# 423
Delta R.T. 0.21 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion: 77 Resp: 11840

Ion	Ratio	Lower	Upper
77	100		
105	85.2	90.6	130.6#
106	77.6	85.3	125.3#



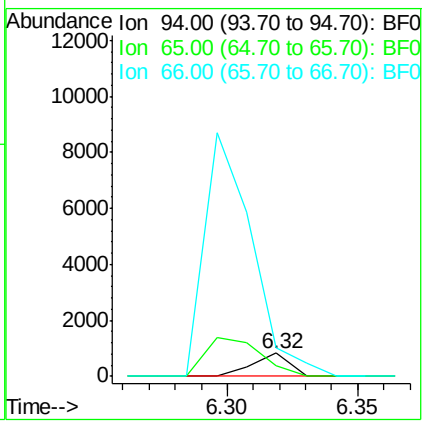


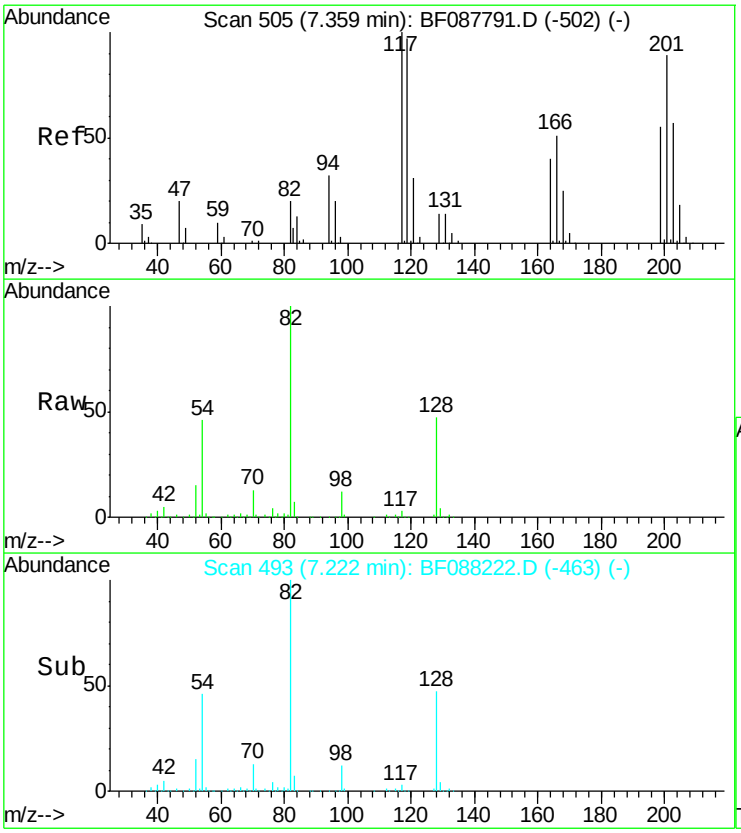
#10
Phenol
Concen: Below Cal
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion: 94 Resp: 801

Ion	Ratio	Lower	Upper
94	100		
65	45.9	5.9	45.9#
66	126.0	14.0	54.0#

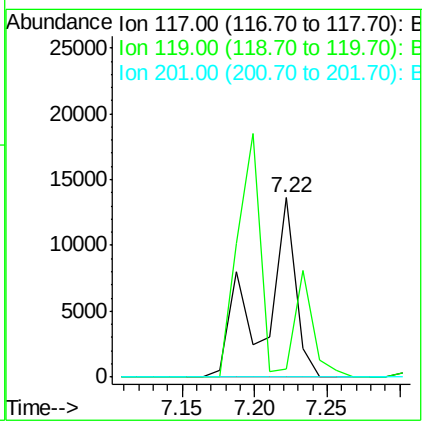


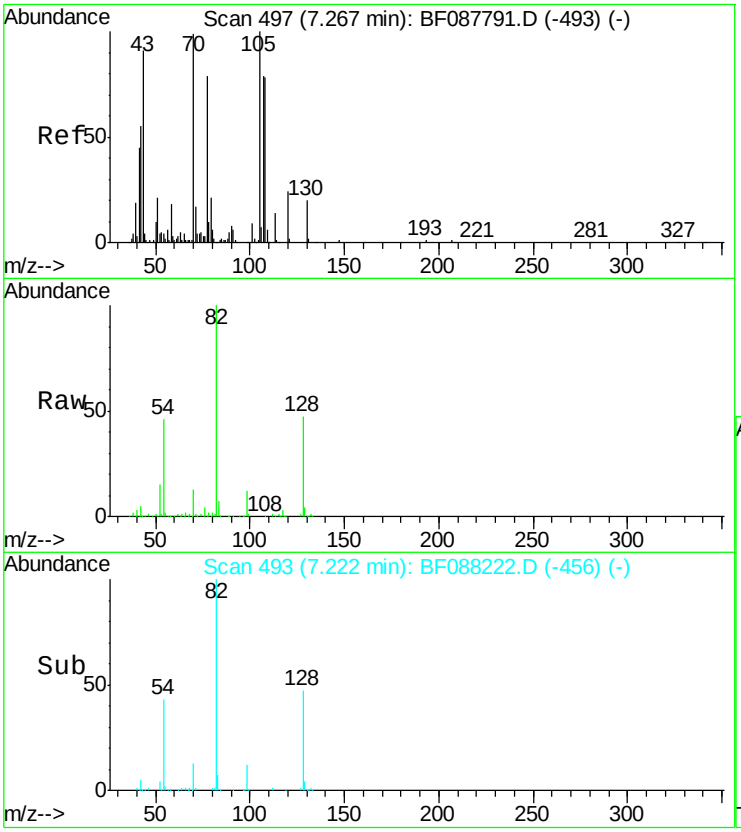


#18
Hexachloroethane
Concen: 8.62 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.05 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:117 Resp: 20384

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.4	116.2#
201	0.0	80.4	120.6#



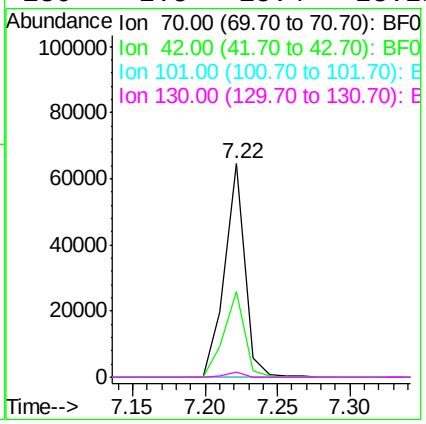


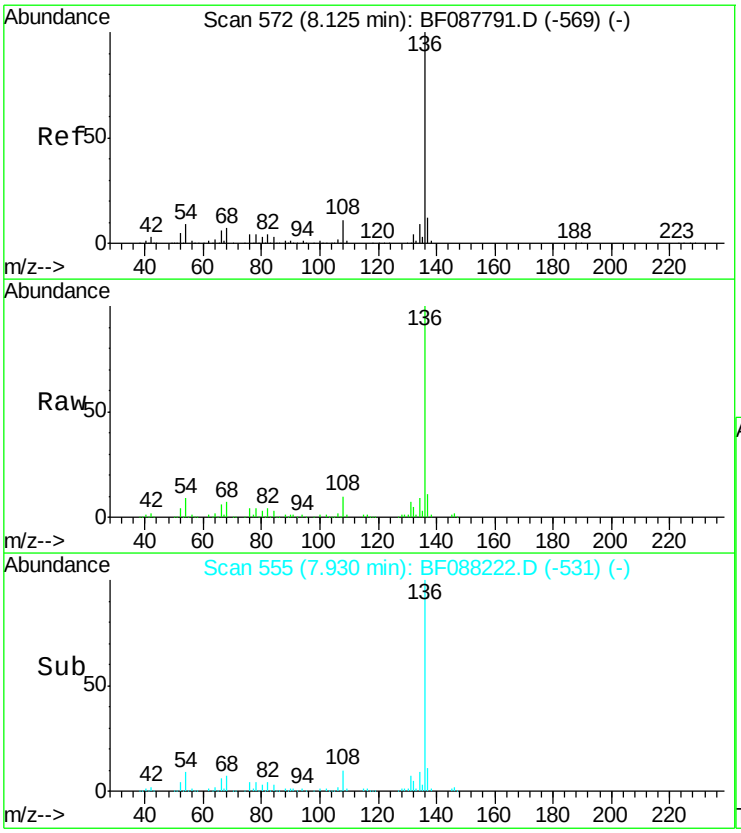
#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.13 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion: 70 Resp: 62948

Ion	Ratio	Lower	Upper
70	100		
42	40.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

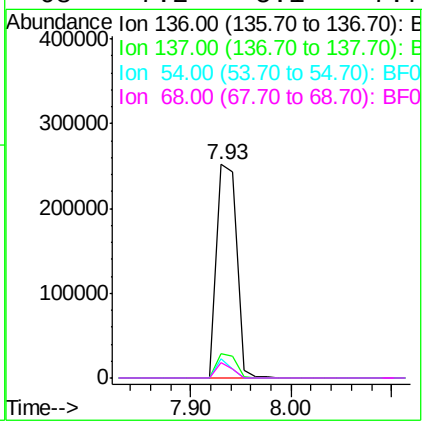


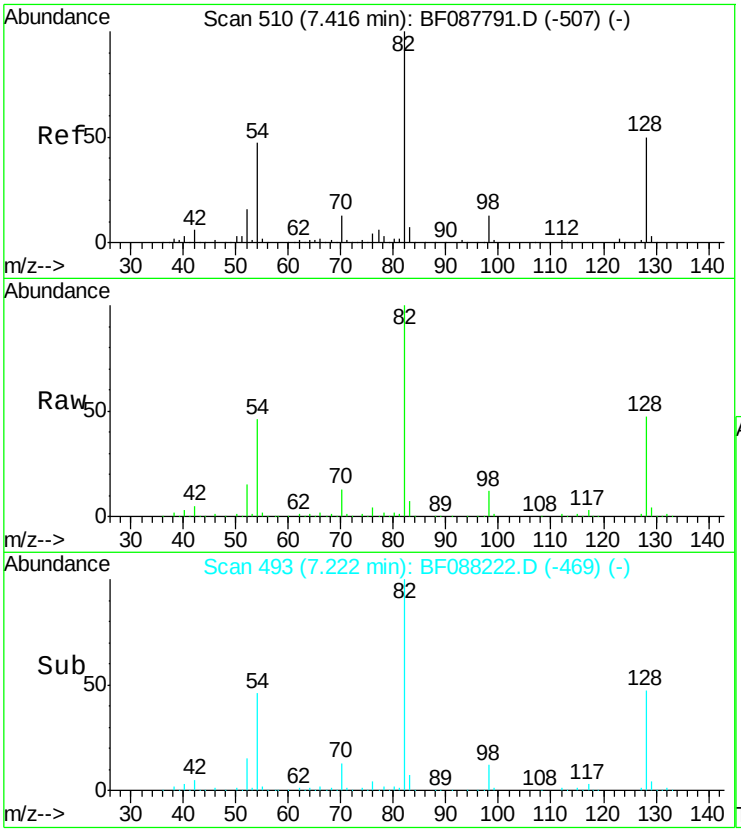


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:136 Resp: 349632

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	6.6	10.0
68	7.2	5.1	7.7



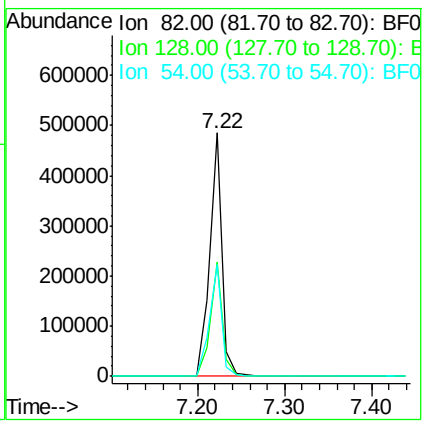


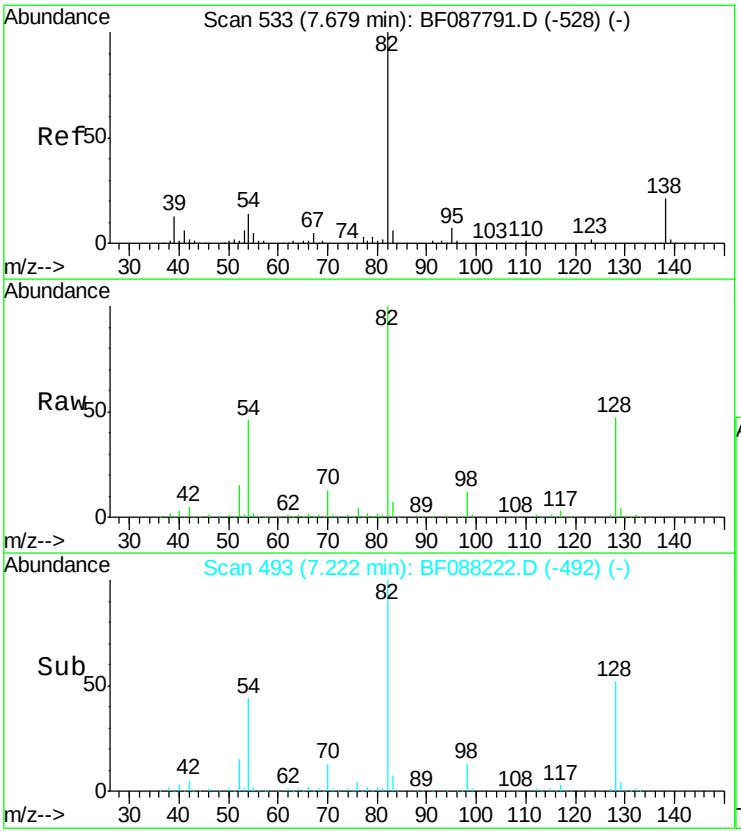
#23
Nitrobenzene-d5
Concen: 80.06 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion: 82 Resp: 479356

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.9	53.9
54	46.1	40.9	61.3

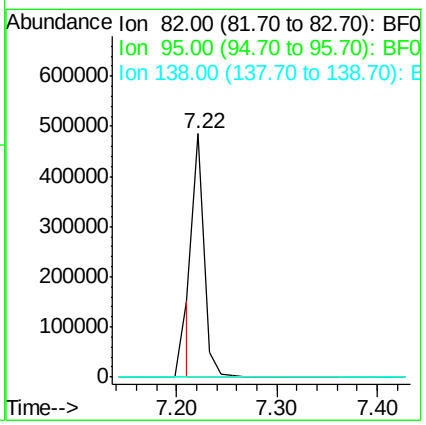


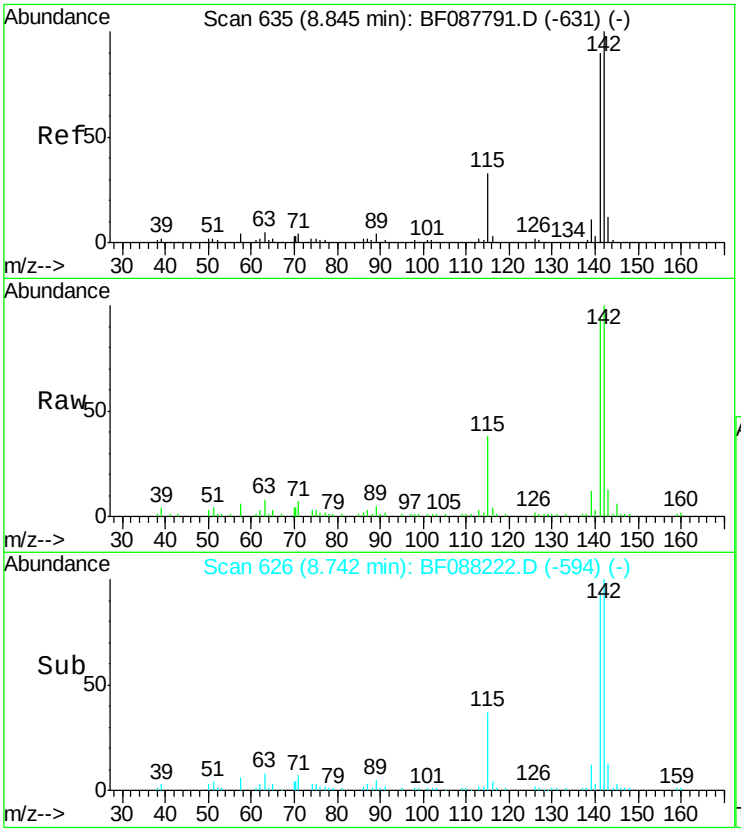


#25
Isophorone
Concen: 33.88 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.29 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion: 82 Resp: 375712

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



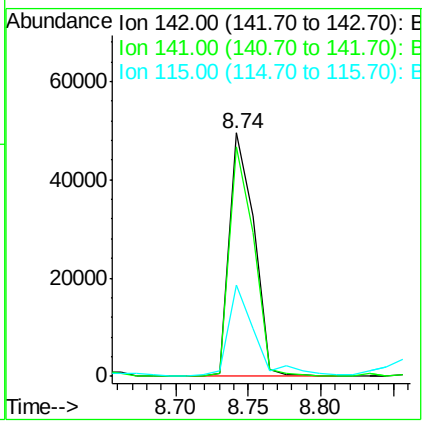


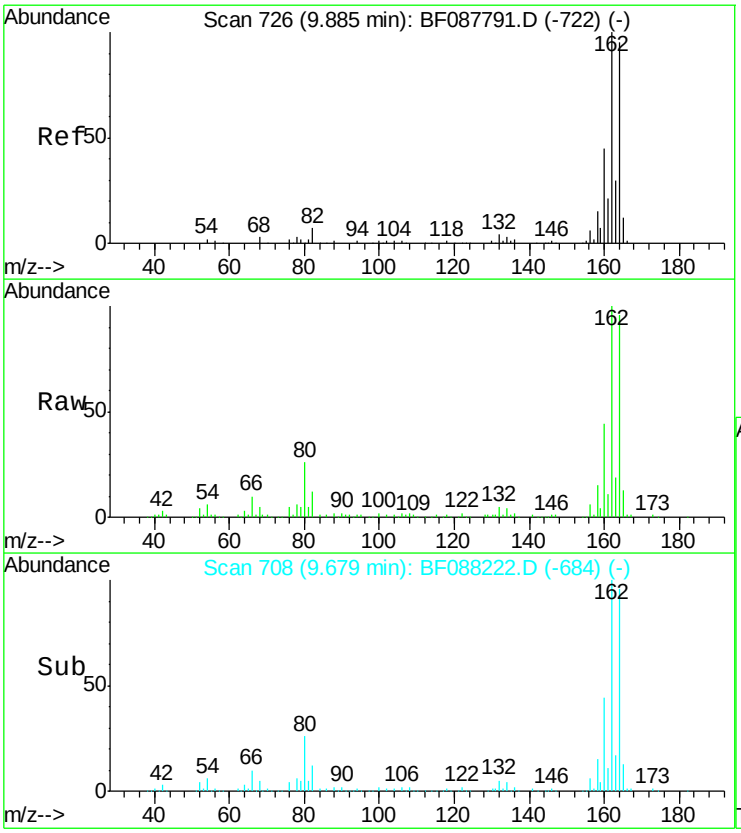
#37
2-Methylnaphthalene
Concen: 5.10 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.07 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:142 Resp: 58105

Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.0	106.6
115	37.5	22.6	33.8#

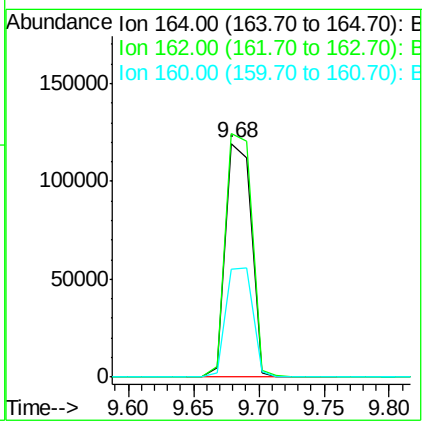


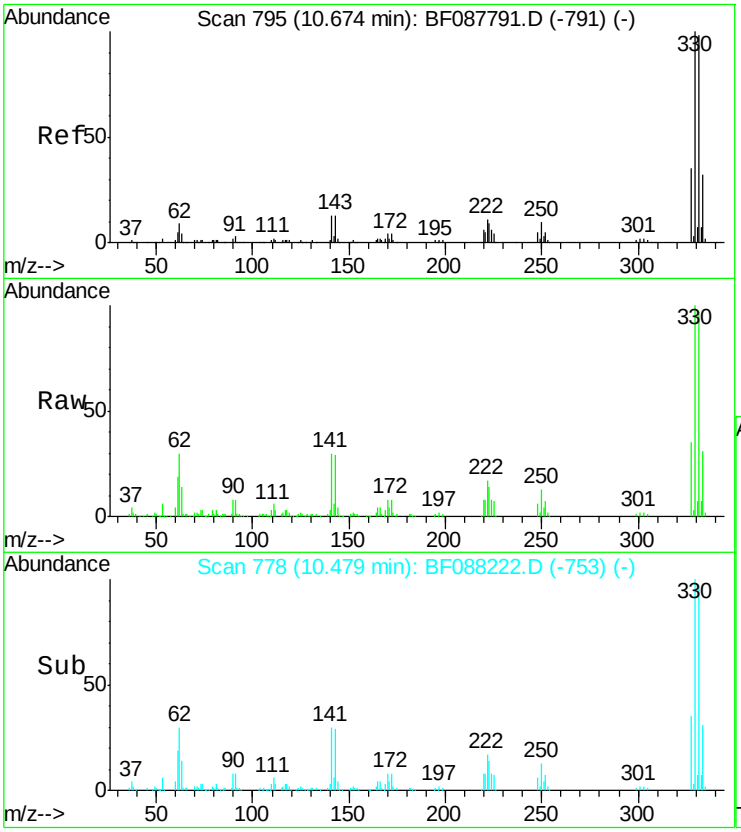


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:164 Resp: 164429

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.1	39.5	59.3



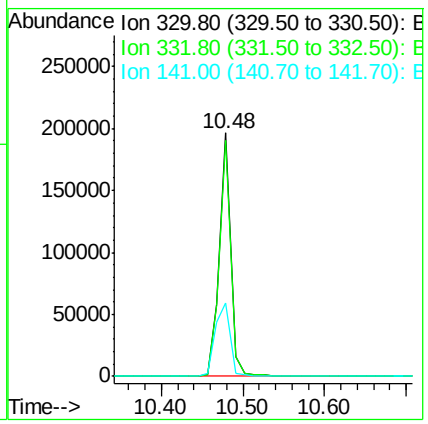


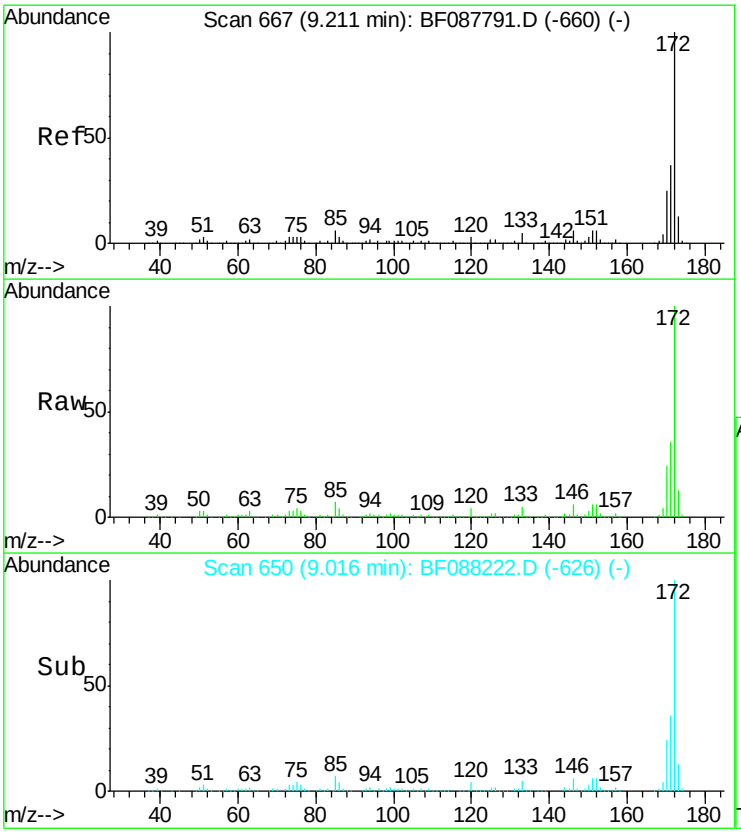
#41
2,4,6-Tribromophenol
Concen: 110.88 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:330 Resp: 192517

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	40.4	0.0	0.0#

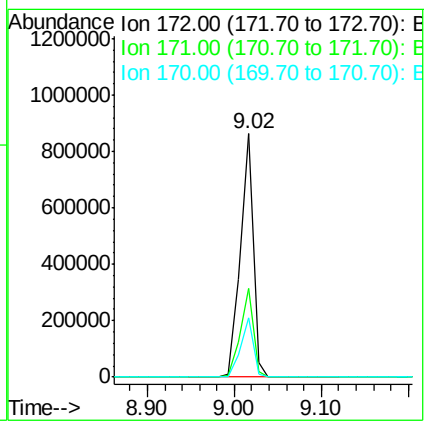


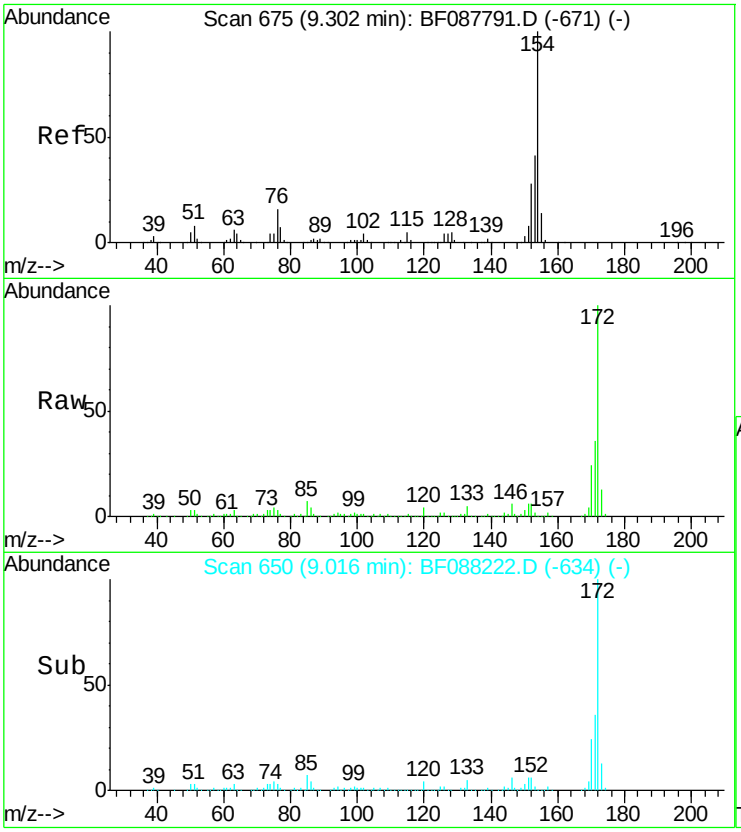


#44
2-Fluorobiphenyl
Concen: 83.79 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:172 Resp: 877891

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.3	19.2	28.8



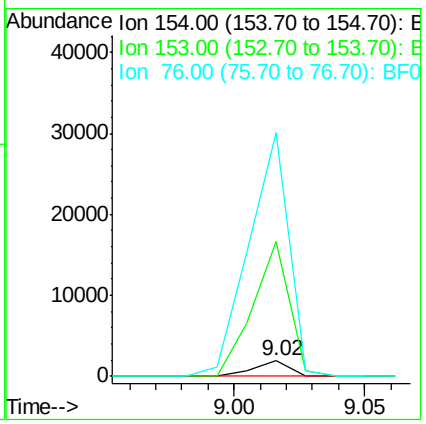


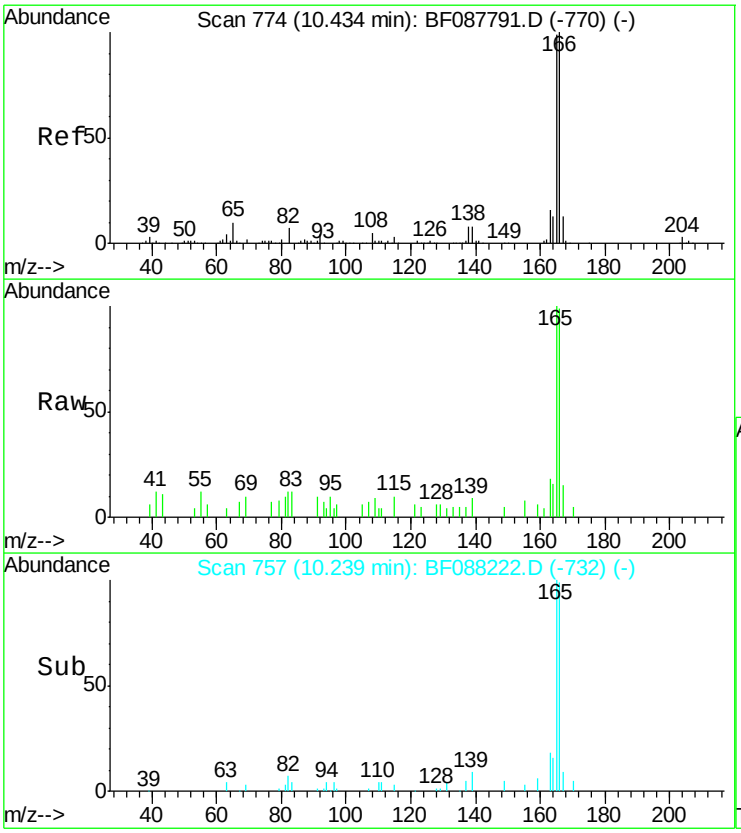
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.11 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:154 Resp: 1800

Ion	Ratio	Lower	Upper
154	100		
153	859.2	20.6	60.6#
76	1554.5	0.0	35.1#

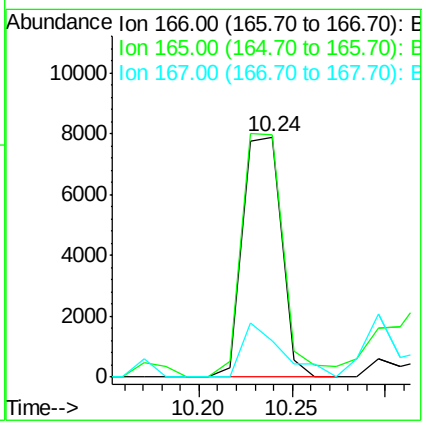


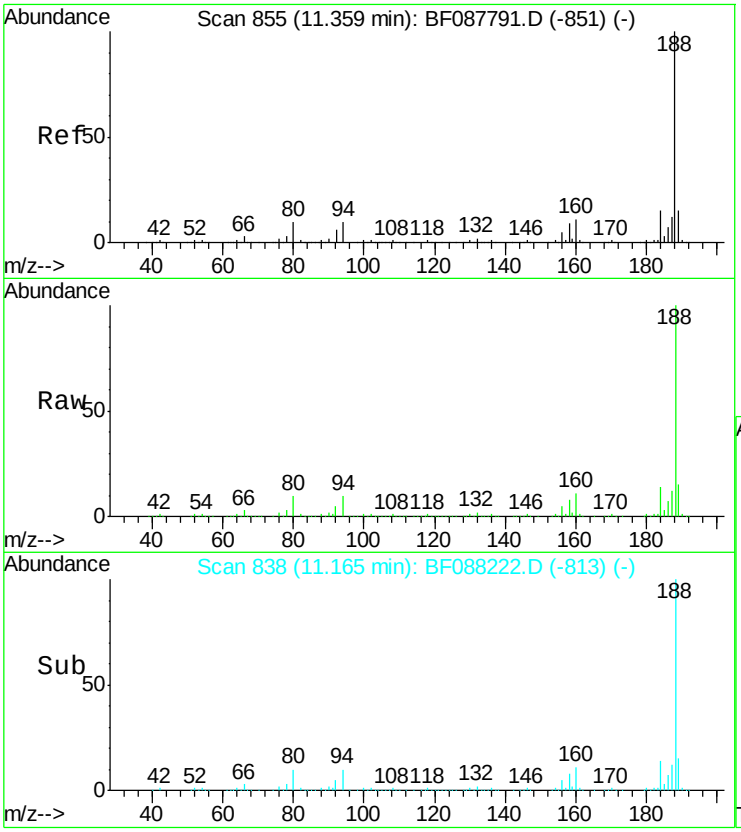


#57
Fluorene
Concen: Below Cal
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:166 Resp: 11321

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.8	116.8
167	15.0	11.2	16.8



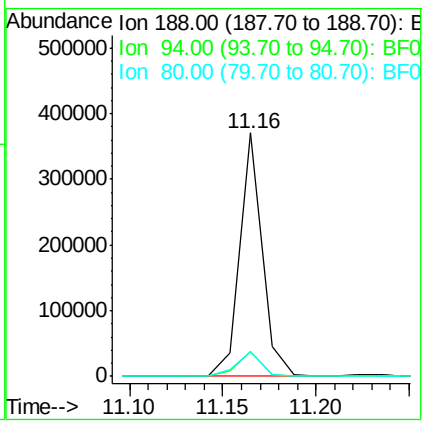


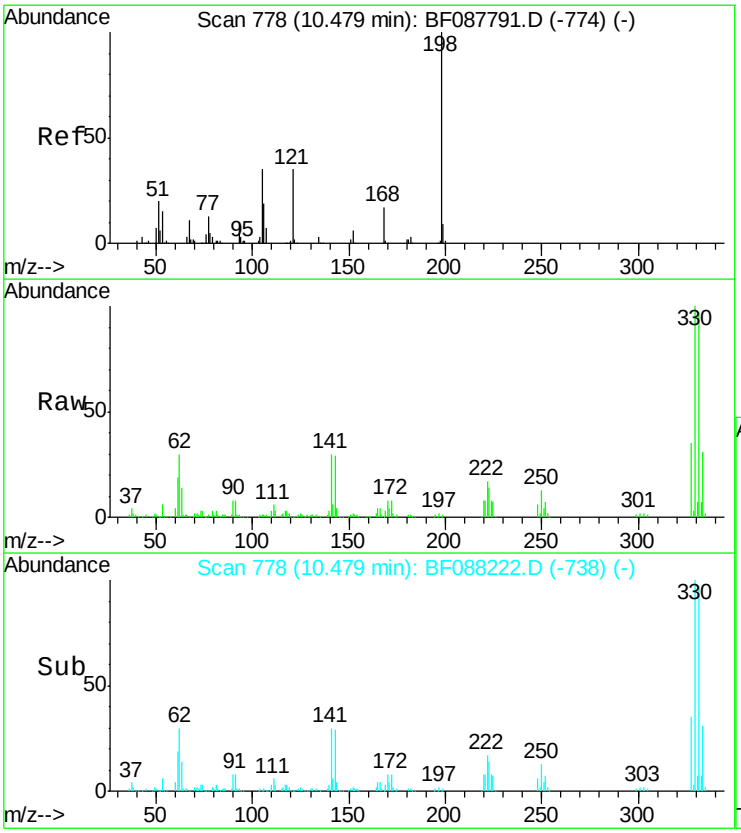
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:188 Resp: 312217

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	9.9	10.0	15.0#

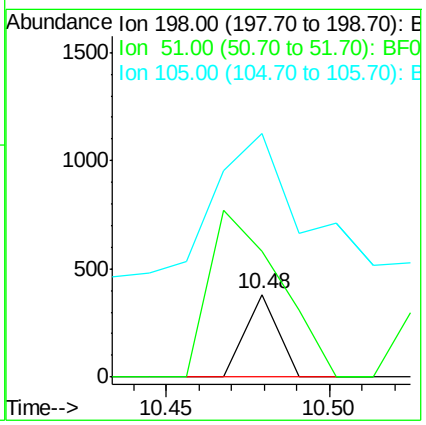


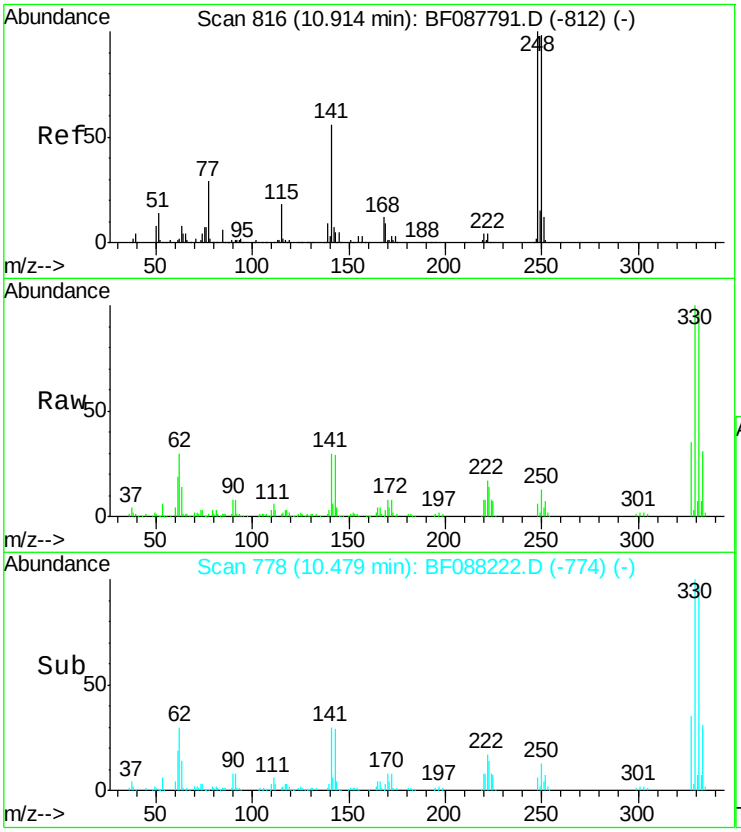


#64
4,6-Dinitro-2-methylphenol
Concen: 2.29 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.16 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:198 Resp: 262

Ion	Ratio	Lower	Upper
198	100		
51	151.6	39.6	79.6#
105	294.5	36.6	76.6#



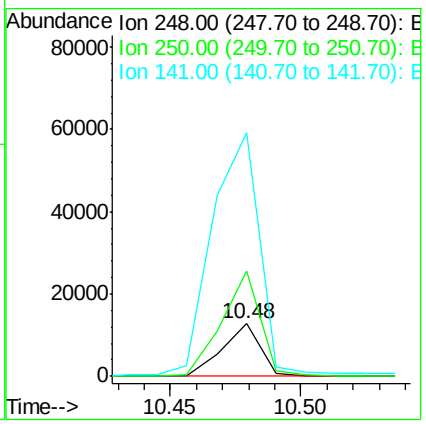


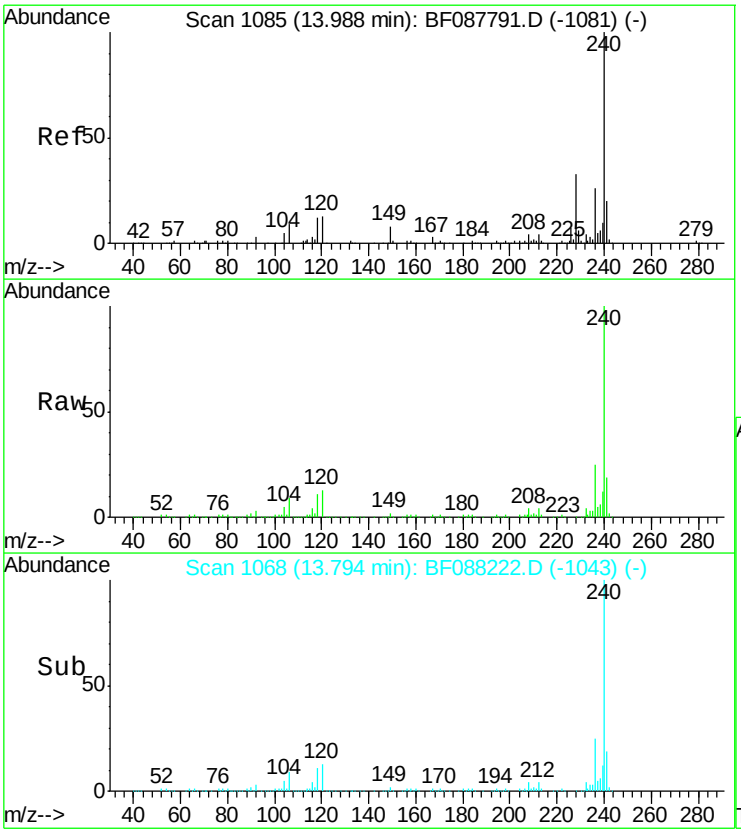
#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.25 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:248 Resp: 12886

Ion	Ratio	Lower	Upper
248	100		
250	200.6	77.1	115.7#
141	463.4	50.6	76.0#

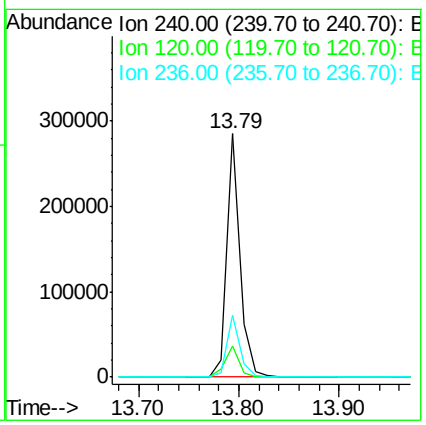


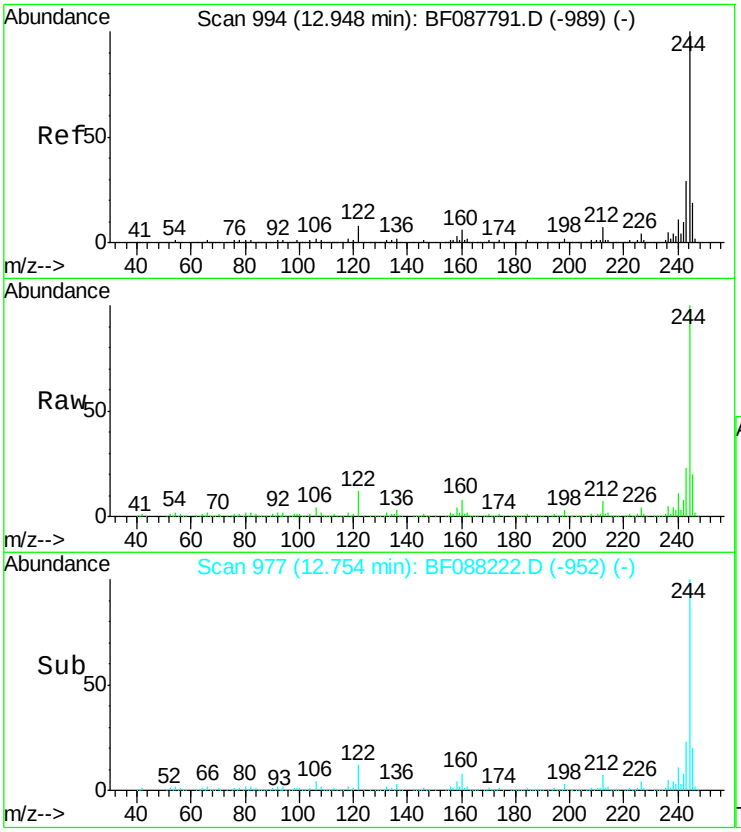


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:240 Resp: 259295

Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	25.4	20.2	30.2



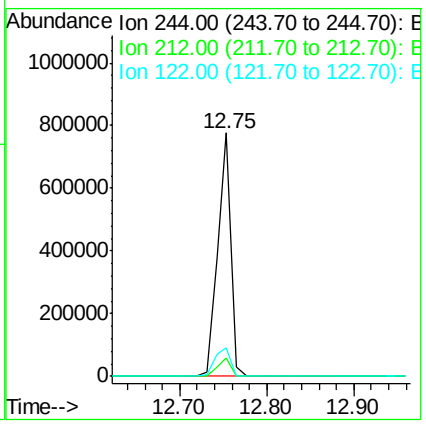


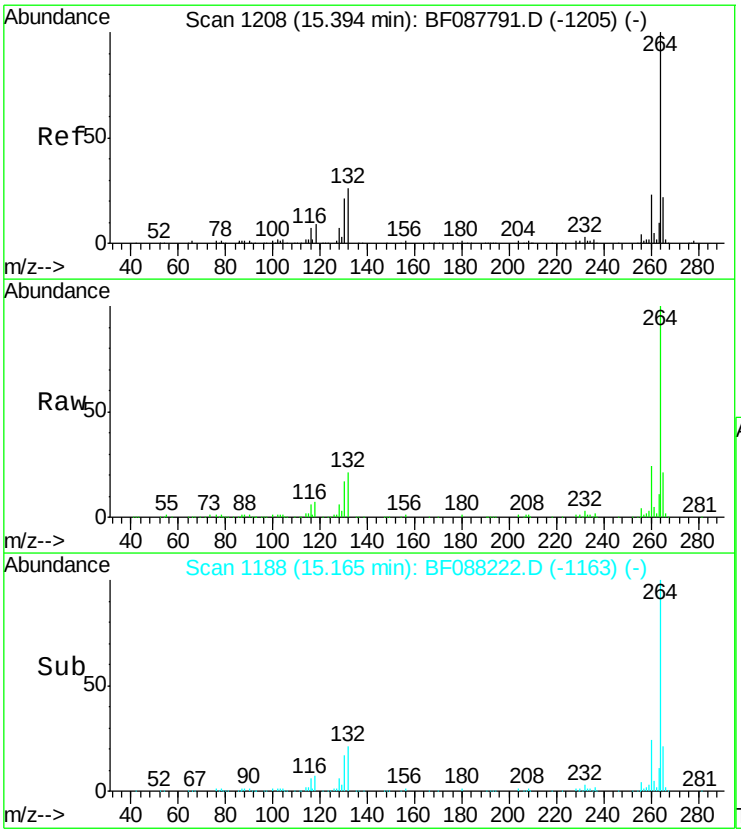
#78
Terphenyl-d14
Concen: 72.78 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Instrument :
BNA_F
ClientSampleId :
DAY5

Tgt Ion:244 Resp: 829350

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.9	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF088222.D
Acq: 21 Jun 2016 19:46

Tgt Ion:264 Resp: 191842

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	16.9	25.3