Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088474.D
Acq On : 28 Jun 2016 2:13
Operator : UM/SJ
Sample : H3630-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1409-TP-DUP01-0616

Quant Time: Jun 28 04:56:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	65218	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	262486	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	109326	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	156526	20.00	ng		-0.01
75) Chrysene-d12	13.69	240	129715	20.00	ng		0.00
86) Perylene-d12	15.05	264	117340	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	518428	135.89	ng		0.00
7) Phenol-d6	6.22	99	693200	149.93	ng		-0.02
23) Nitrobenzene-d5	7.12	82	387289	86.16	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	104377	90.42	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	670210	97.09	ng		-0.01
78) Terphenyl-d14	12.64	244	401780	70.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	50756	27.38	ng	#	87
9) Benzaldehyde	6.32	77	11824	3.43	ng		82
10) Phenol	6.23	94	2882	Below Cal		#	1
45) 1,1'-Biphenyl	8.91	154	1269	Below Cal		#	1
49) Dimethylphthalate	9.31	163	100058	12.63	ng		99
57) Fluorene	10.36	166	4867	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.36	198	211	2.37	ng	#	1
66) 4-Bromophenyl-phenylether	10.36	248	6376	3.80	ng	#	1

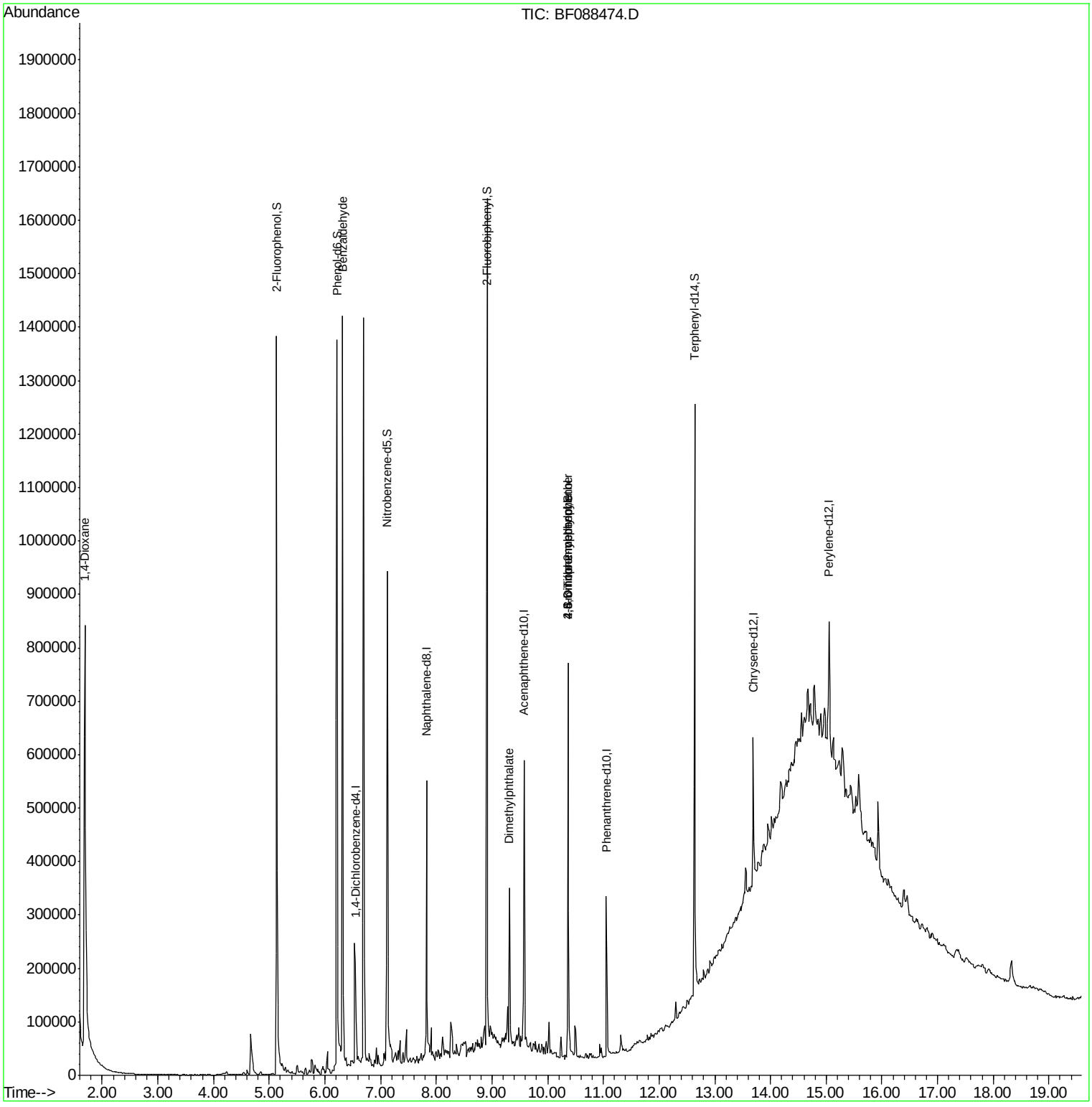
(#) = qualifier out of range (m) = manual integration (+) = signals summed

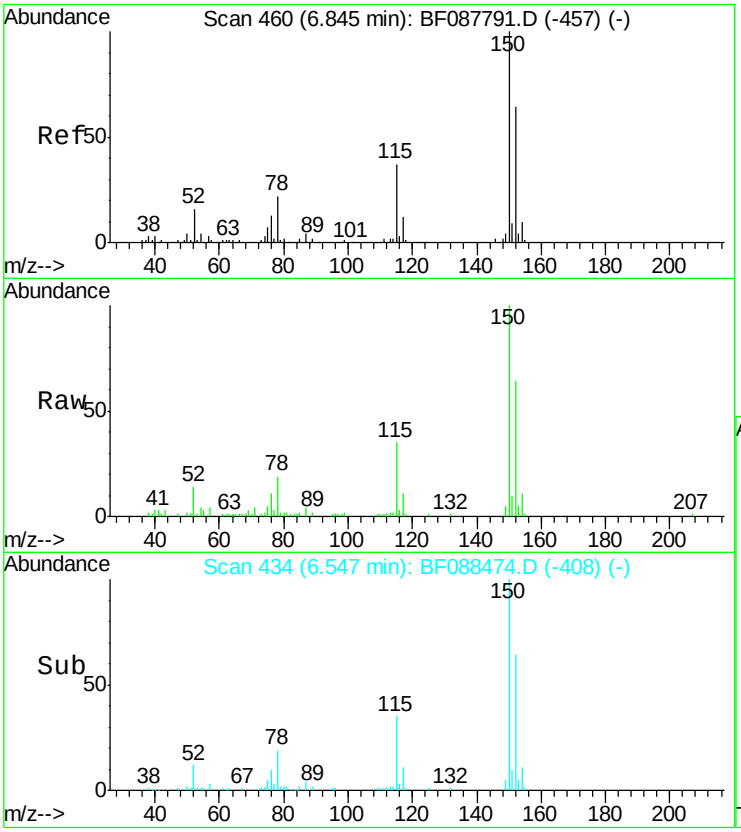
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088474.D
Acq On : 28 Jun 2016 2:13
Operator : UM/SJ
Sample : H3630-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Quant Time: Jun 28 04:56:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration



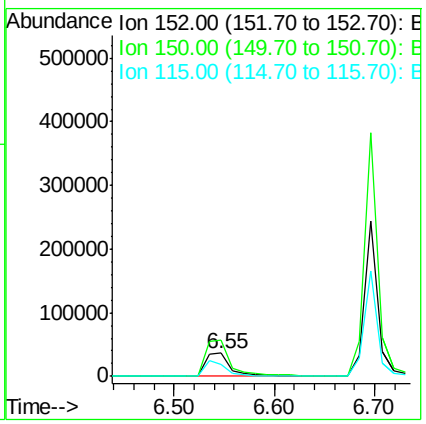


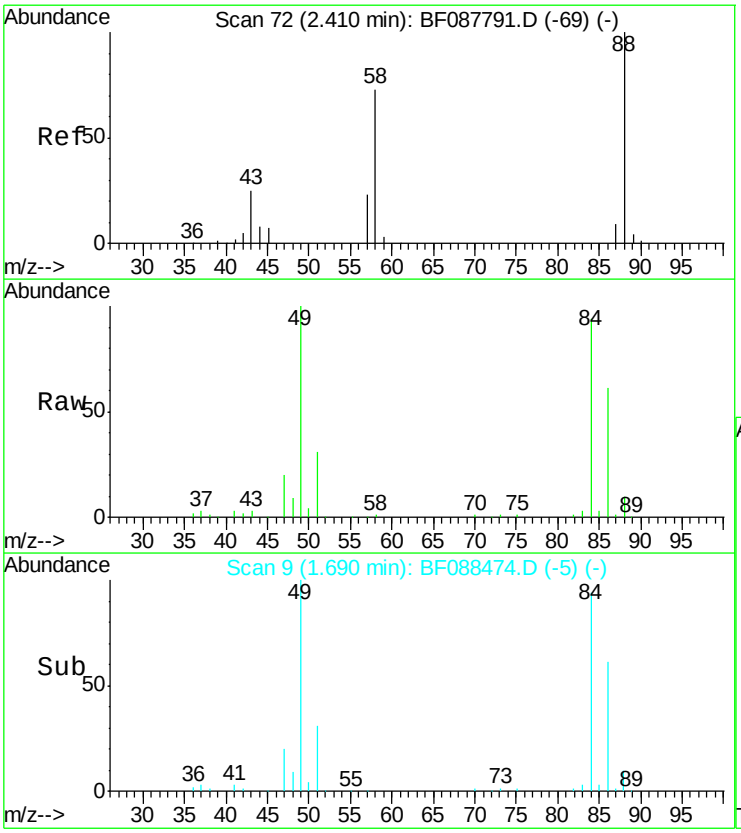
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:152 Resp: 65218

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	53.7	39.6	59.4

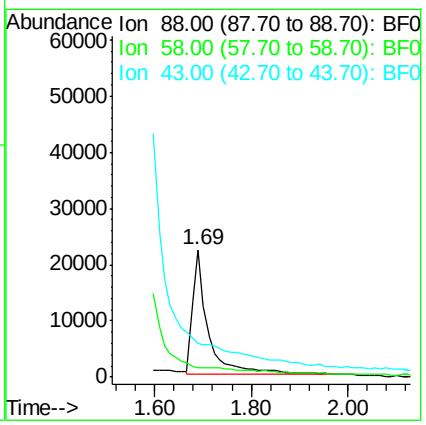


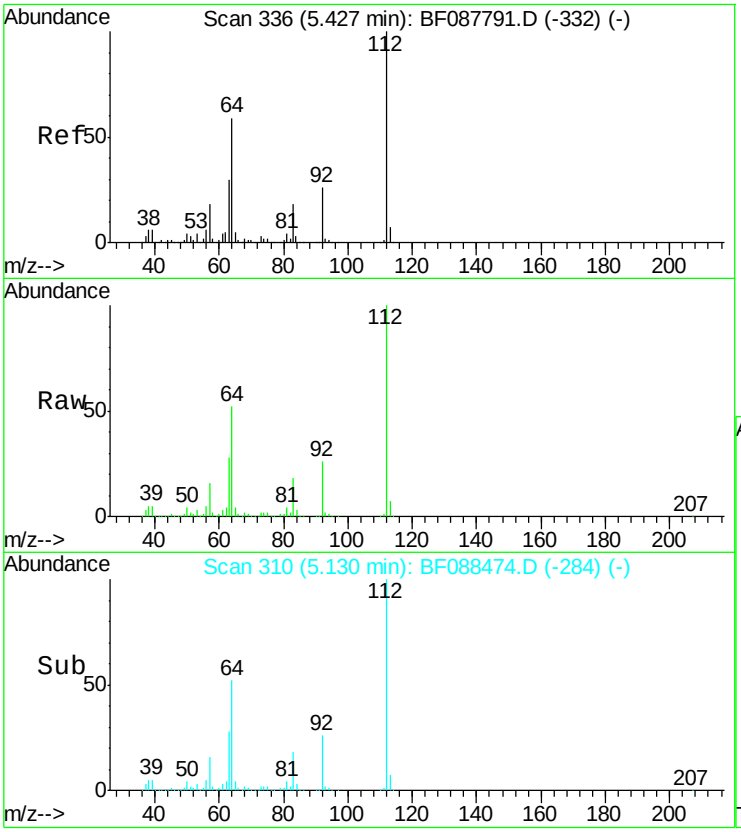


#2
1,4-Dioxane
Concen: 27.38 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion: 88 Resp: 50756

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	3.4	5.2#



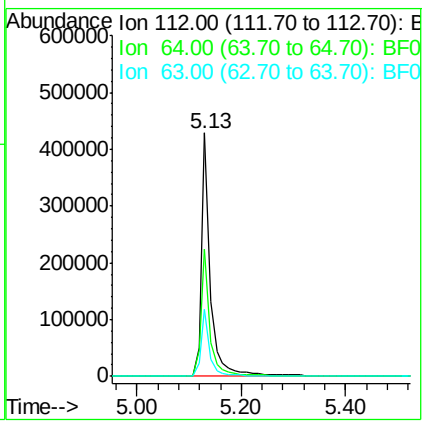


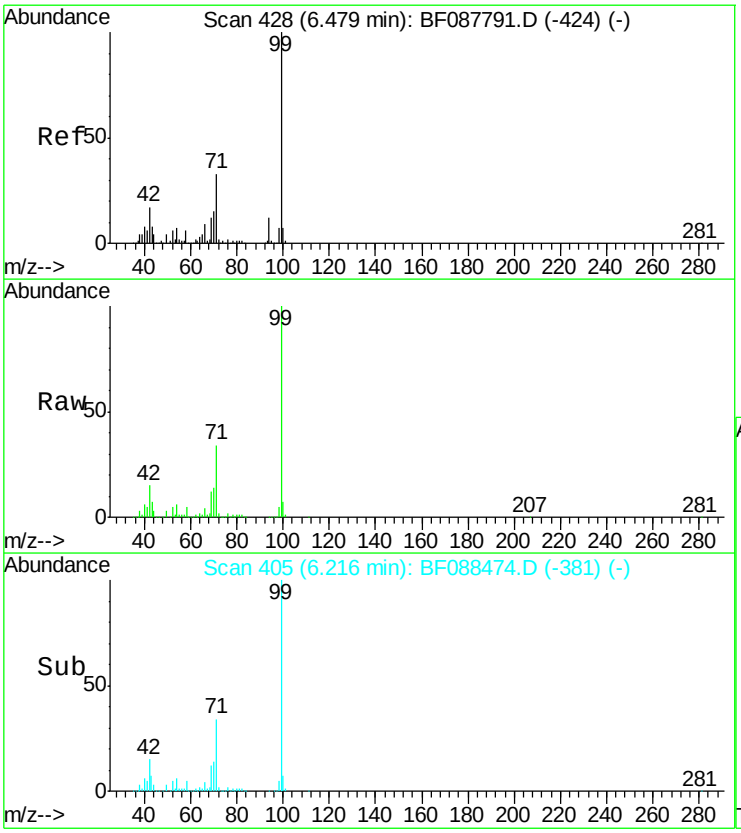
#5
2-Fluorophenol
Concen: 135.89 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.00 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:112 Resp: 518428

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.2	63.2
63	27.6	21.8	32.8

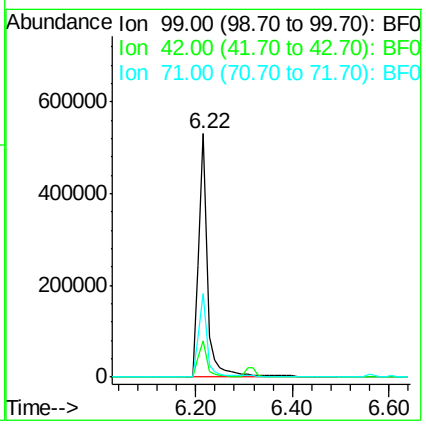


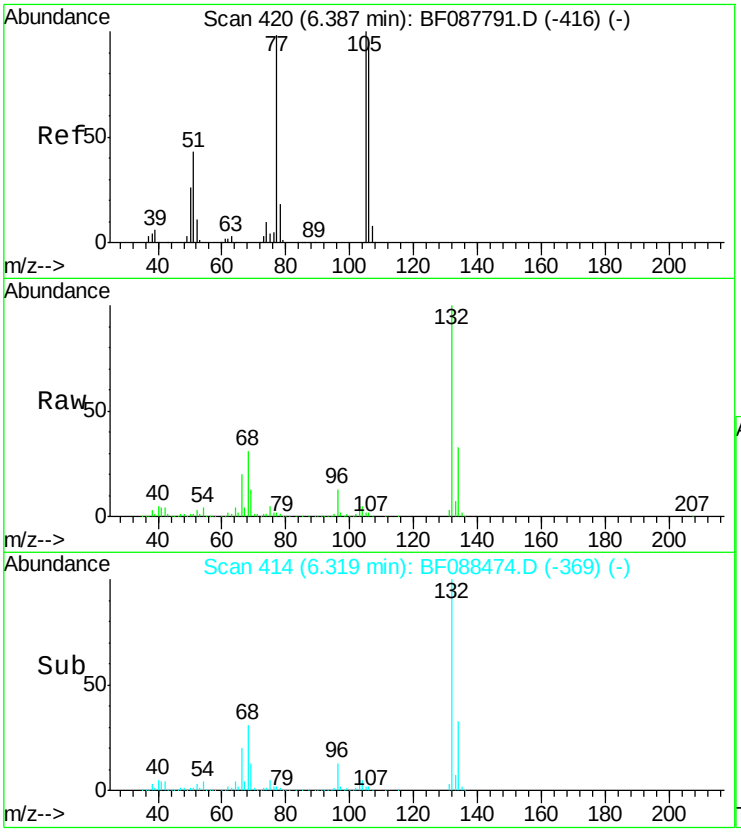


#7
Phenol-d6
Concen: 149.93 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion: 99 Resp: 693200

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.2
71	34.2	23.4	35.0



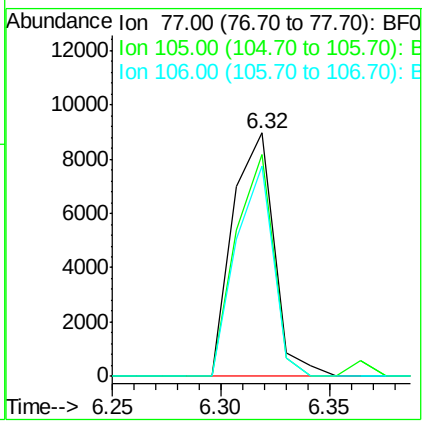


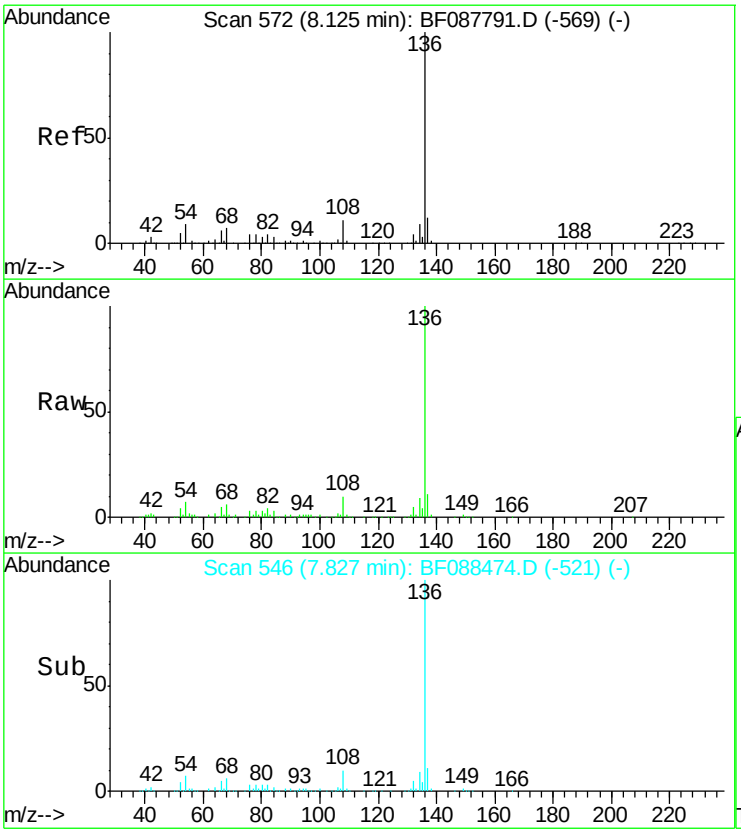
#9
Benzaldehyde
Concen: 3.43 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.22 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion: 77 Resp: 11824

Ion	Ratio	Lower	Upper
77	100		
105	91.2	90.6	130.6
106	86.2	85.3	125.3

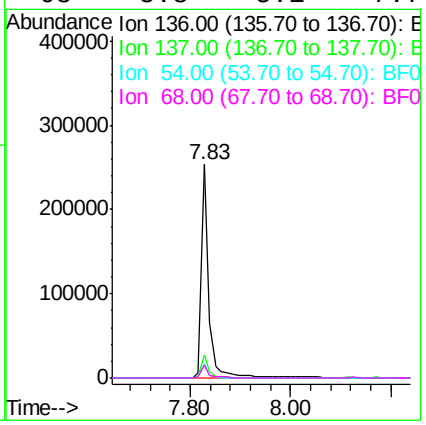


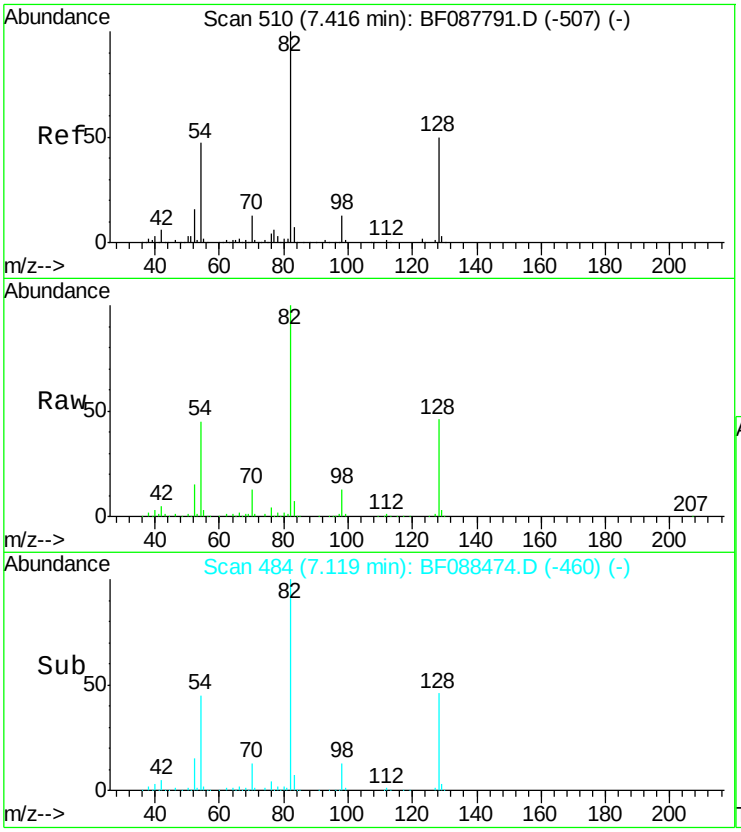


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:136 Resp: 262486

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.6	10.0
68	5.8	5.1	7.7



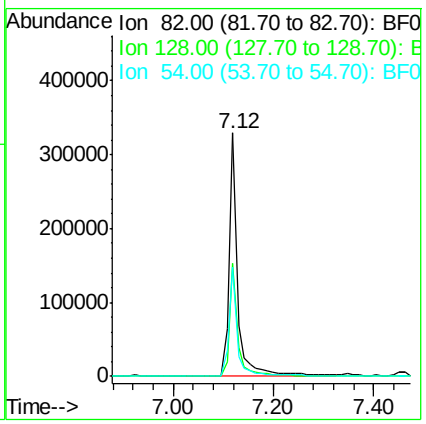


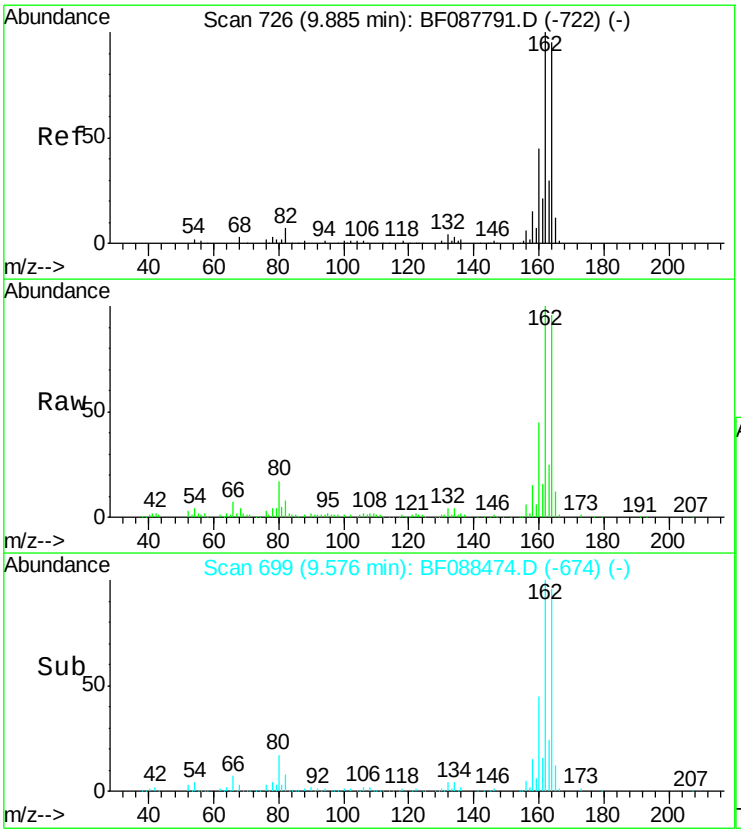
#23
Nitrobenzene-d5
Concen: 86.16 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion: 82 Resp: 387289

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.9	53.9
54	44.9	40.9	61.3

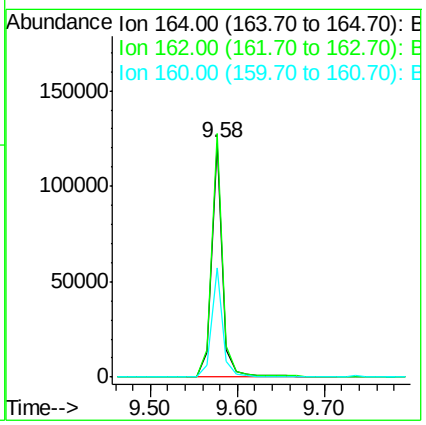


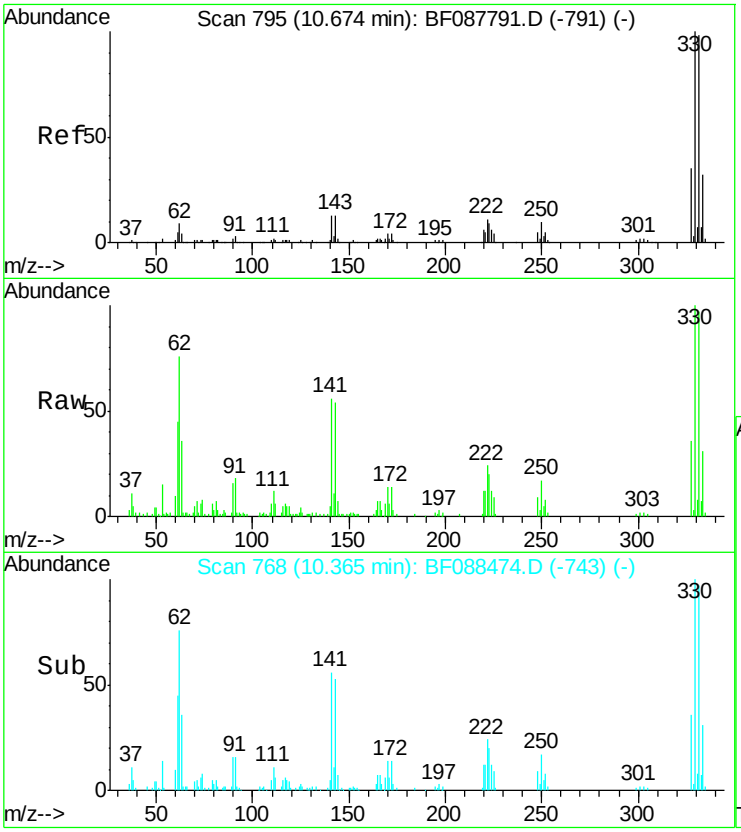


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:164 Resp: 109326

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	46.9	39.5	59.3



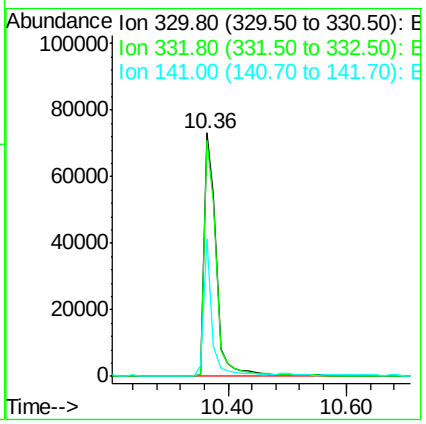


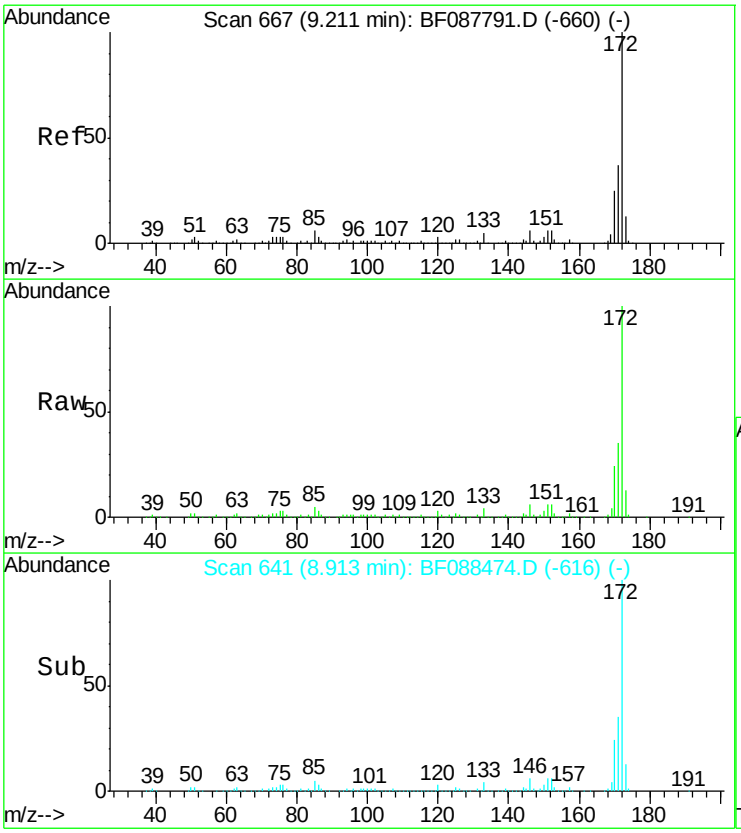
#41
2,4,6-Tribromophenol
Concen: 90.42 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:330 Resp: 104377

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	40.9	0.0	0.0#

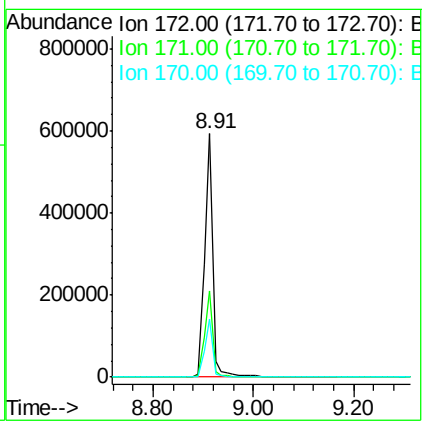


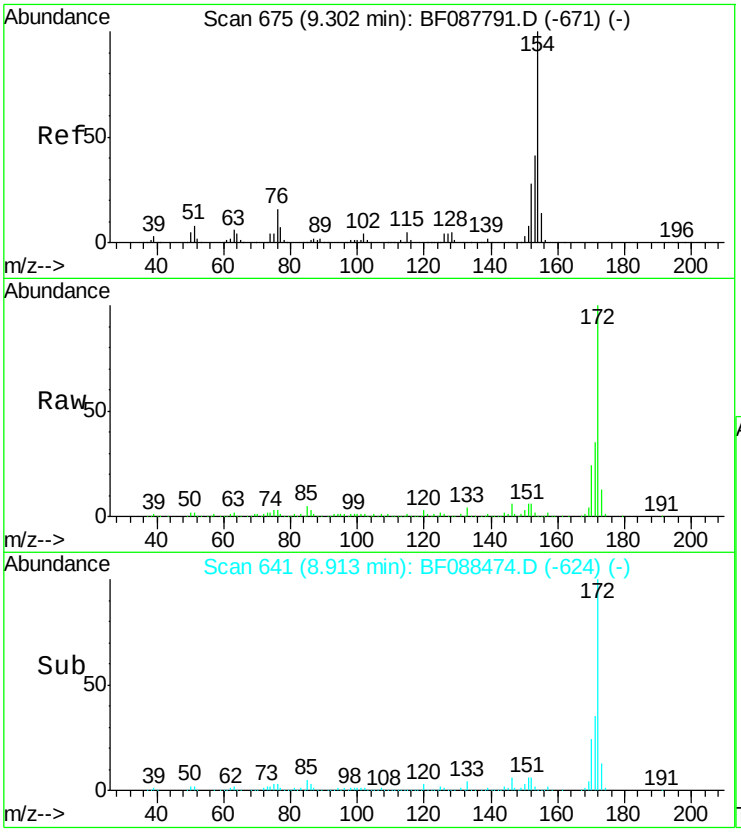


#44
2-Fluorobiphenyl
Concen: 97.09 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:172 Resp: 670210

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.8	19.2	28.8



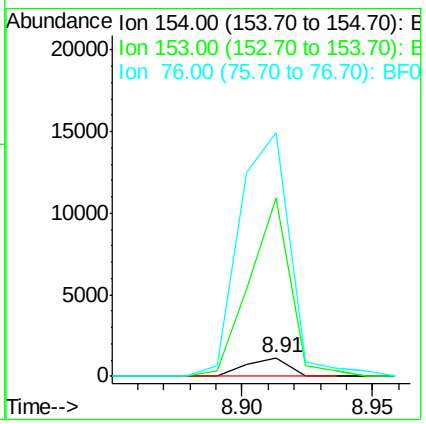


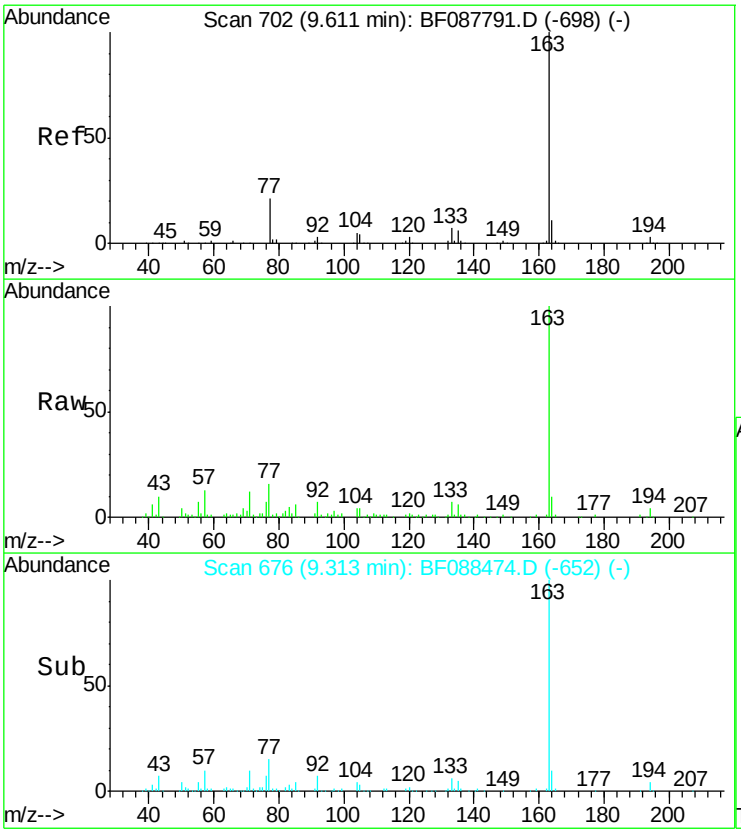
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.91 min Scan# 641
Delta R.T. -0.10 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:154 Resp: 1269

Ion	Ratio	Lower	Upper
154	100		
153	970.6	20.6	60.6#
76	1324.9	0.0	35.1#

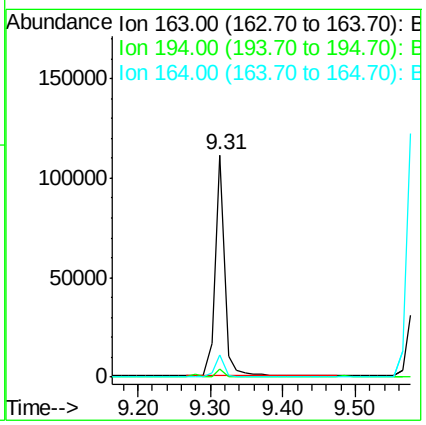


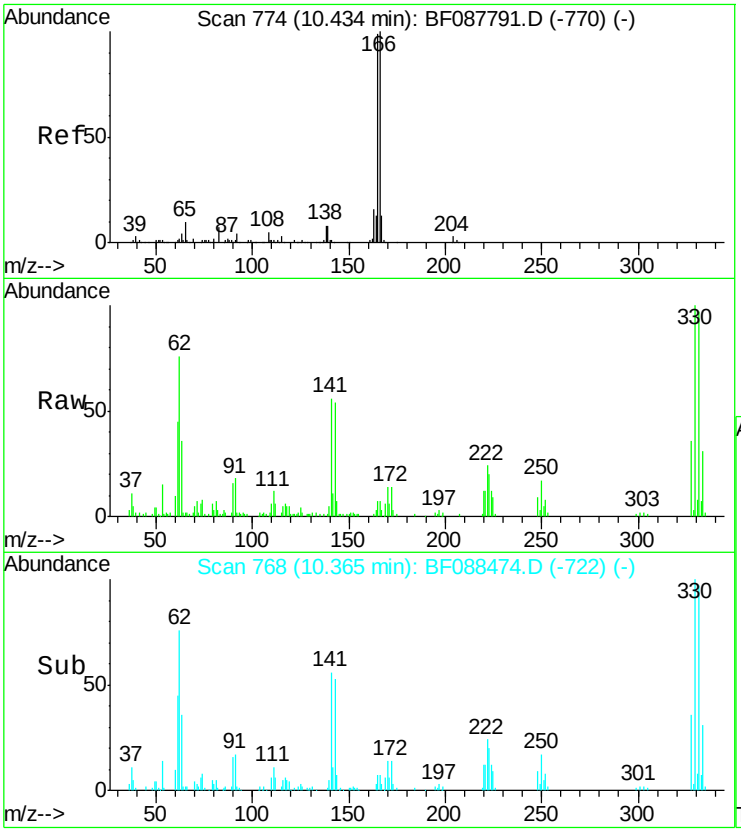


#49
Dimethylphthalate
Concen: 12.63 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:163 Resp: 100058

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.1	8.3	12.5



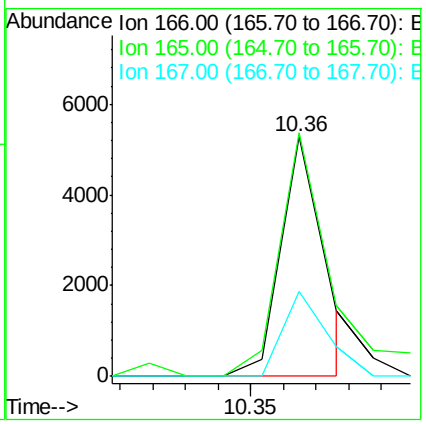


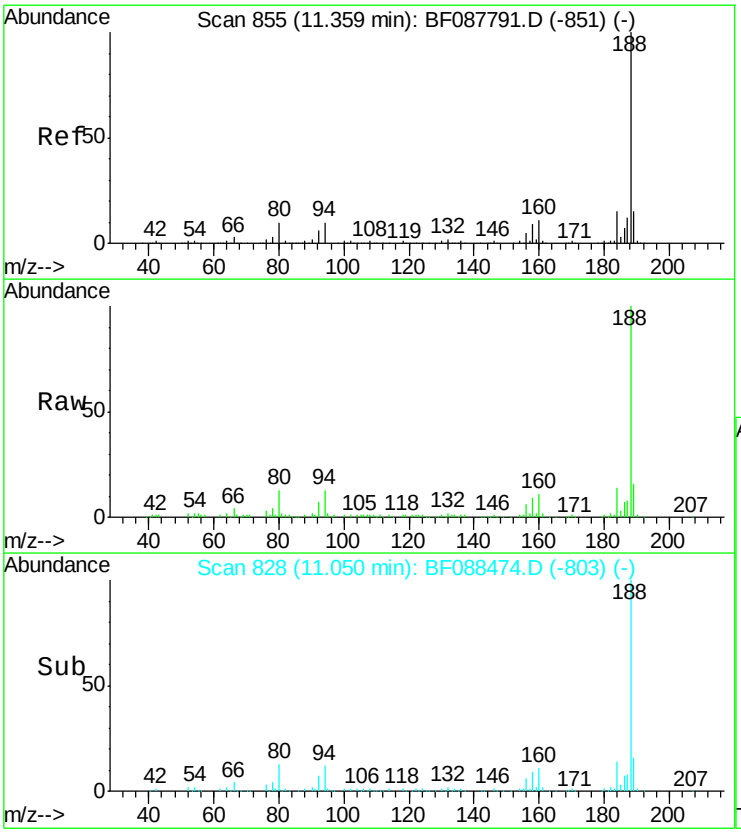
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 768
Delta R.T. 0.23 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:166 Resp: 4867

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.8
167	35.5	11.2	16.8#

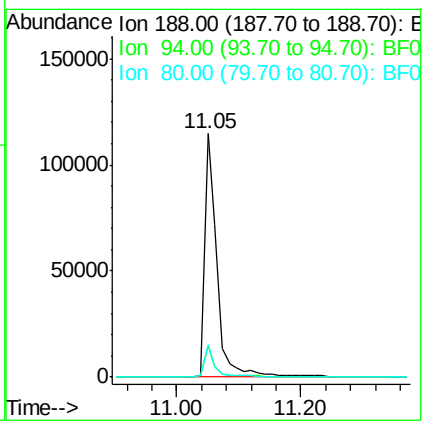


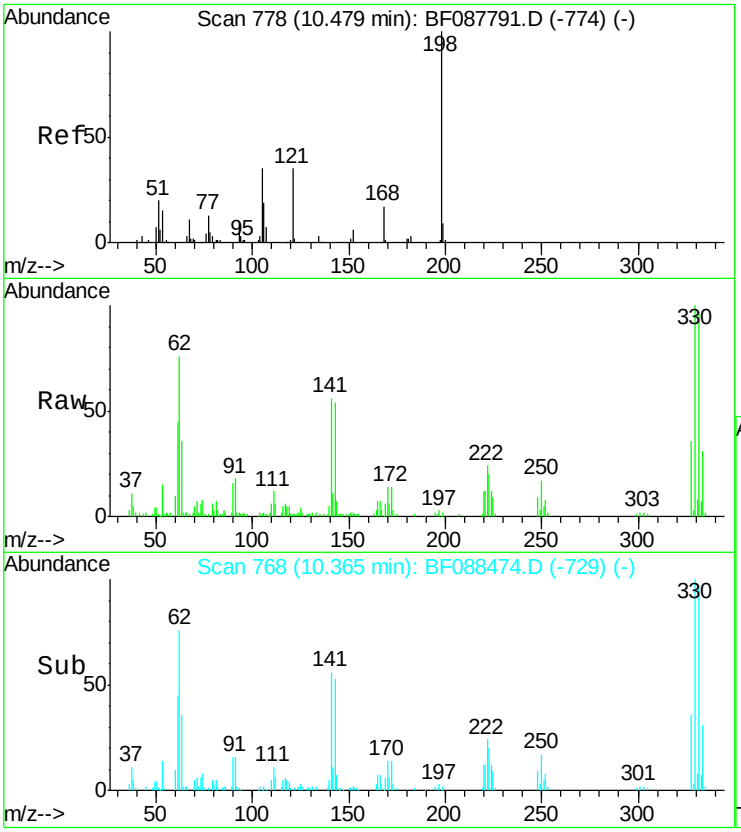


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:188 Resp: 156526

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.6
80	13.3	10.0	15.0



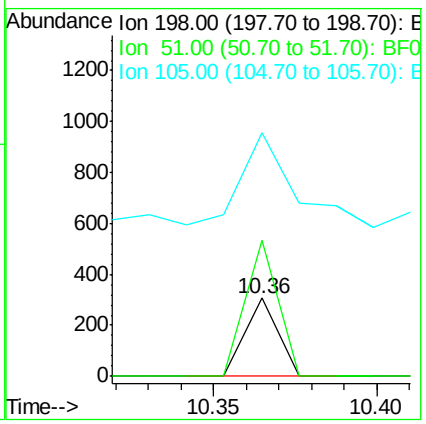


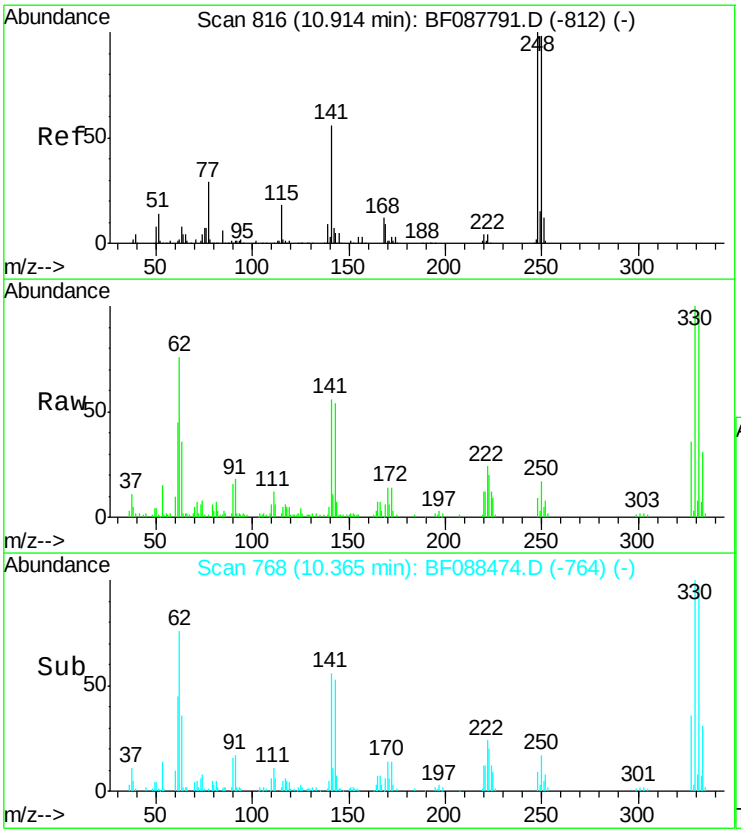
#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.15 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:198 Resp: 211

Ion	Ratio	Lower	Upper
198	100		
51	173.6	39.6	79.6#
105	311.4	36.6	76.6#

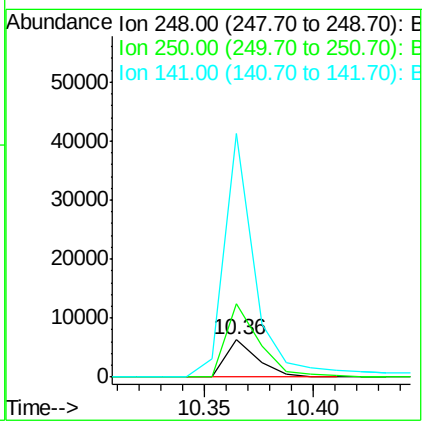


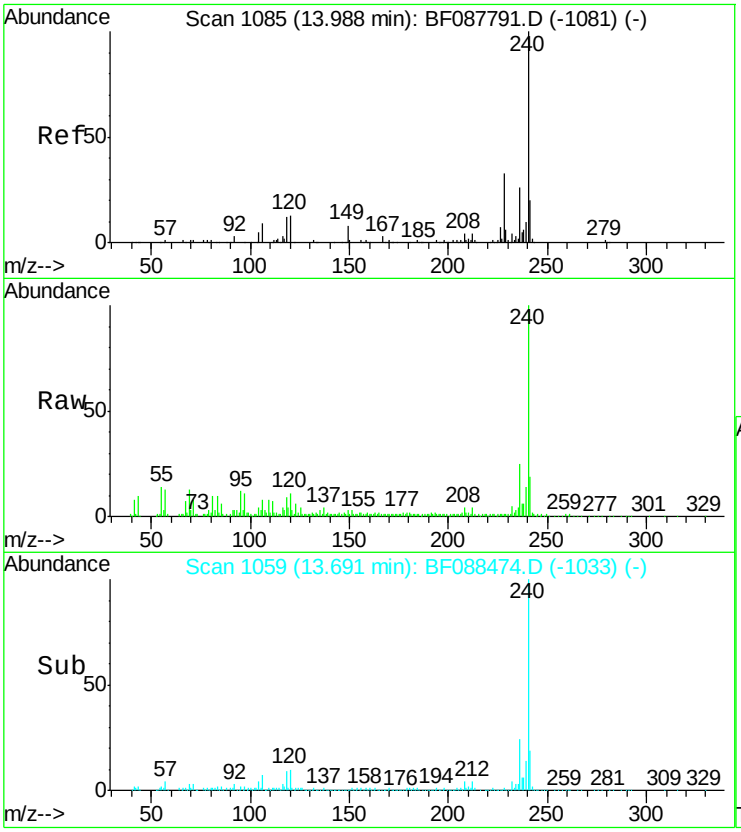


#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:248 Resp: 6376

Ion	Ratio	Lower	Upper
248	100		
250	197.0	77.1	115.7#
141	649.9	50.6	76.0#



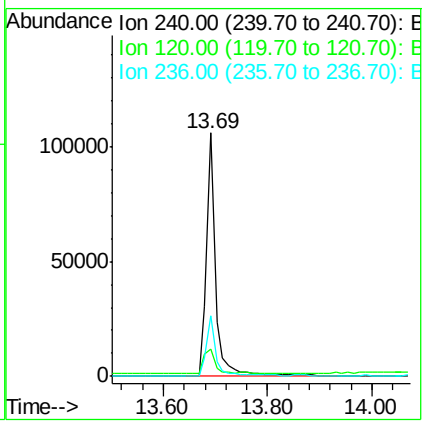


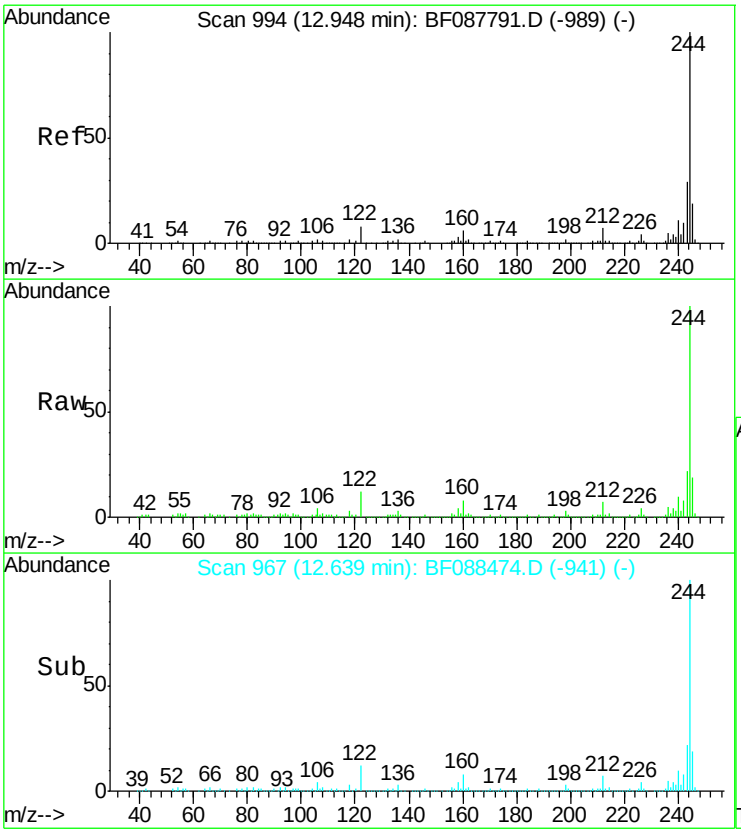
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:240 Resp: 129715

Ion	Ratio	Lower	Upper
240	100		
120	11.4	6.8	10.2#
236	24.6	20.2	30.2

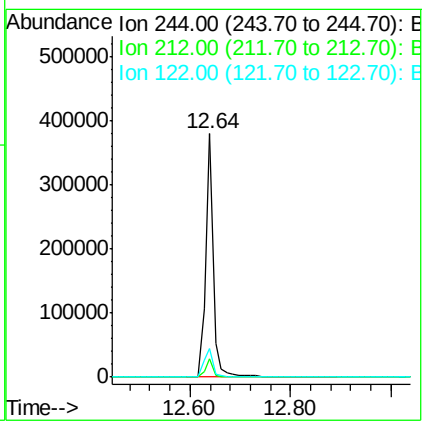


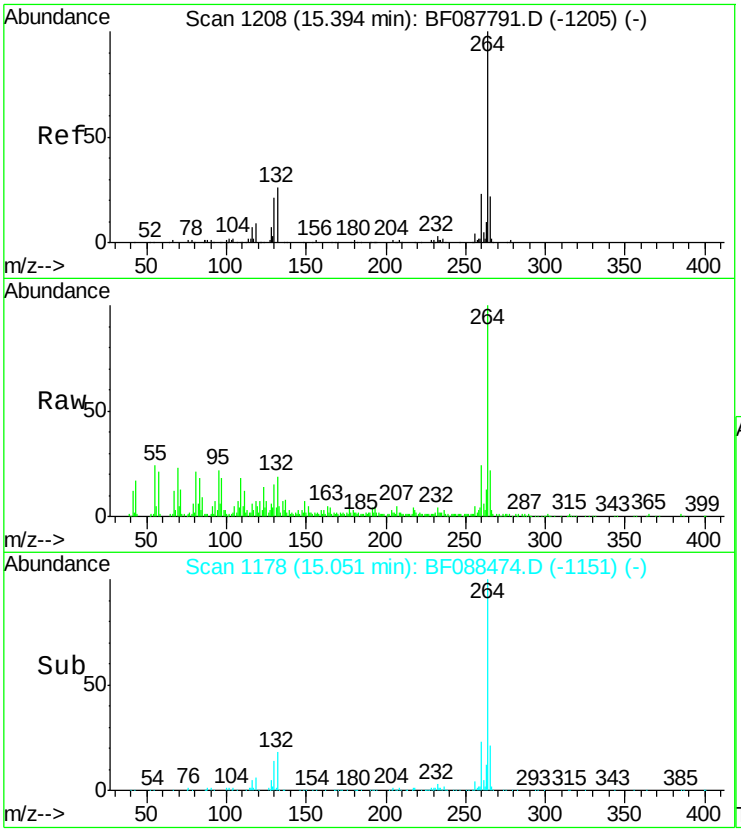


#78
Terphenyl-d14
Concen: 70.48 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Tgt Ion:244 Resp: 401780

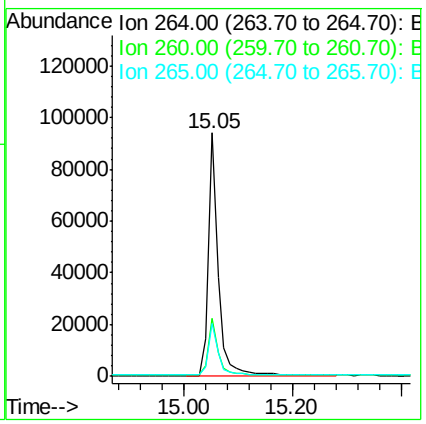
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF088474.D
Acq: 28 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
B1409-TP-DUP01-0616

Tgt Ion:264 Resp: 117340

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	16.9	25.3