Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088419.D
Acq On : 26 Jun 2016 15:35
Operator : UM/SJ
Sample : H3644-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:54:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	72203	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	301716	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	145765	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	273609	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	185722	20.00	ng	-0.07
86) Perylene-d12	15.03	264	158343	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	373607	88.46	ng	-0.05
7) Phenol-d6	6.22	99	516229	100.85	ng	-0.05
23) Nitrobenzene-d5	7.12	82	295807	57.25	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	112266	72.94	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	638630	67.70	ng	-0.06
78) Terphenyl-d14	12.63	244	526636	64.53	ng	-0.07

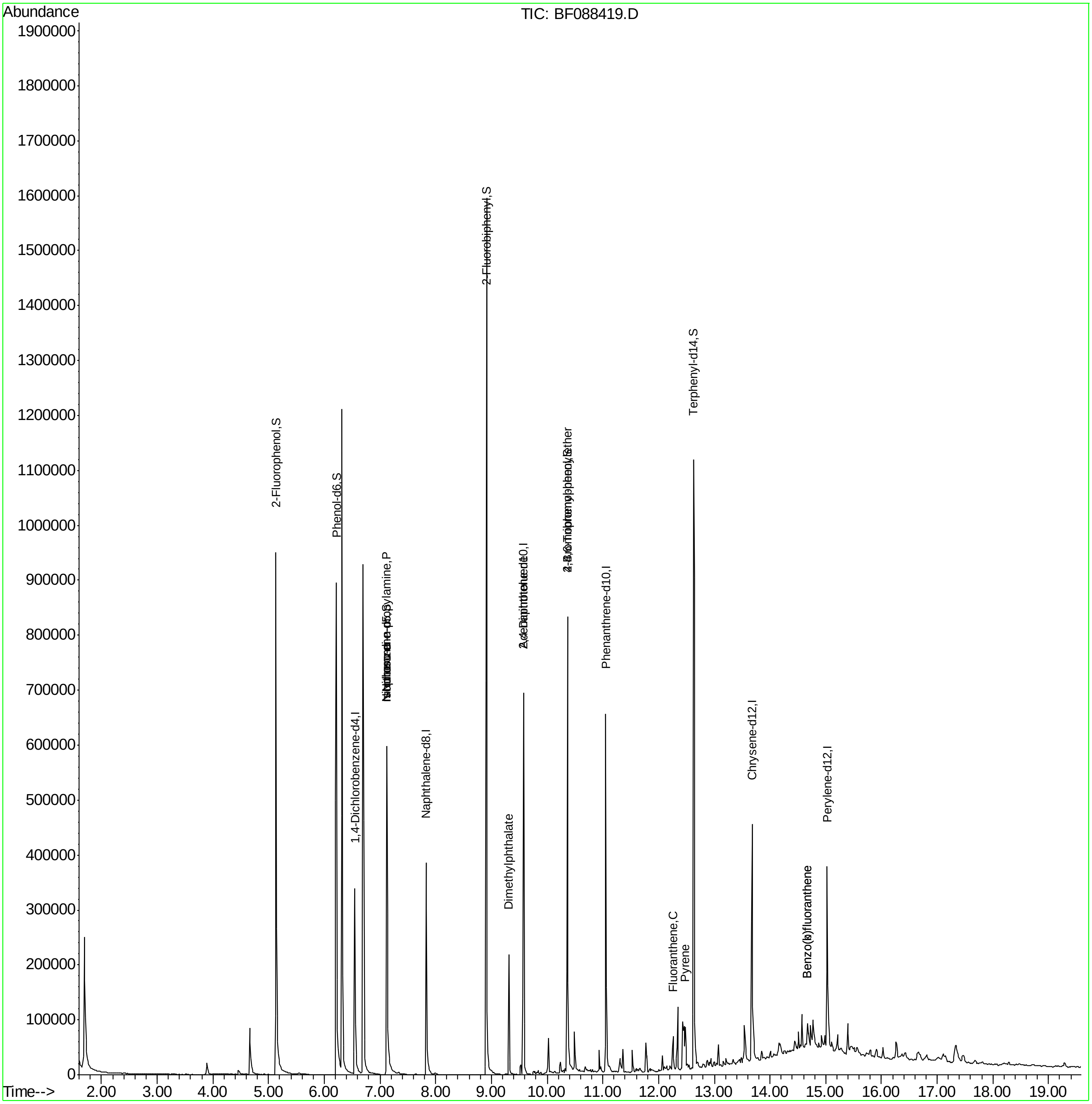
Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
10) Phenol	6.23	94	2344	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	36556	11.16	ng	#	72
25) Isophorone	7.12	82	303911	31.75	ng	#	65
45) 1,1'-Biphenyl	8.91	154	1099	Below Cal		#	1
49) Dimethylphthalate	9.31	163	99187	9.39	ng		99
56) 2,4-Dinitrotoluene	9.58	165	17831	5.74	ng	#	36
57) Fluorene	10.12	166	536	Below Cal		#	79
66) 4-Bromophenyl-phenylether	10.36	248	7002	2.39	ng	#	1
74) Fluoranthene	12.26	202	37691	2.49	ng		97
77) Pyrene	12.48	202	38515	2.79	ng		99
87) Benzo(b)fluoranthene	14.67	252	30605	2.77	ng	#	88
88) Benzo(k)fluoranthene	14.67	252	30605	3.68	ng	#	94

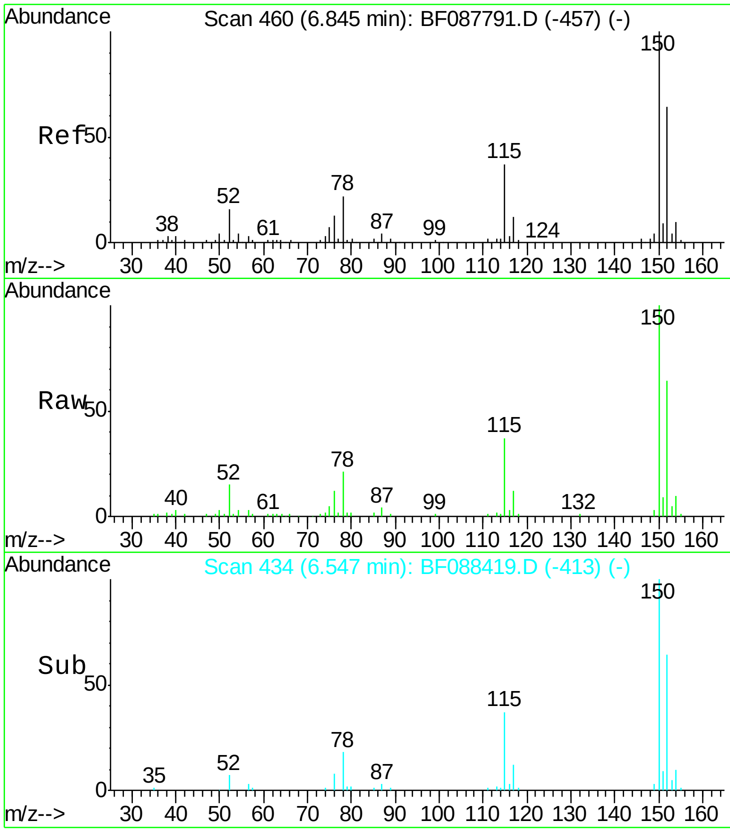
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088419.D
Acq On : 26 Jun 2016 15:35
Operator : UM/SJ
Sample : H3644-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 03:54:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



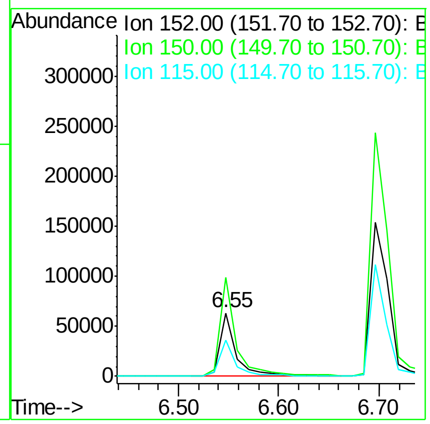


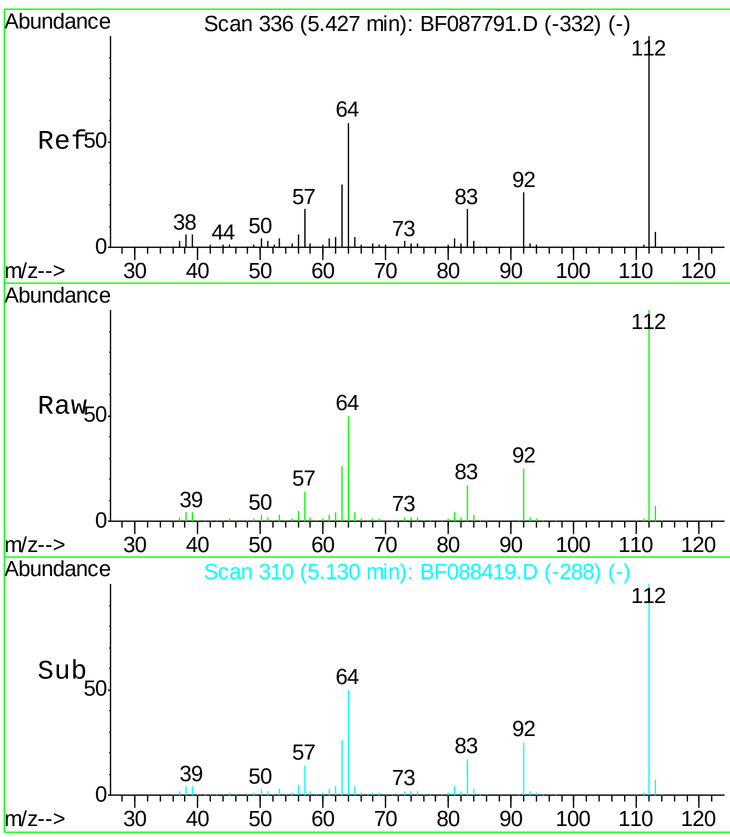
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 72203

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	57.4	39.6	59.4

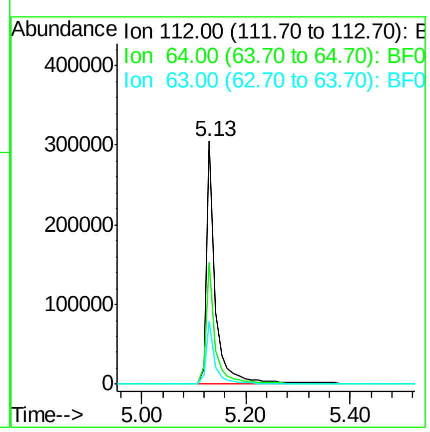


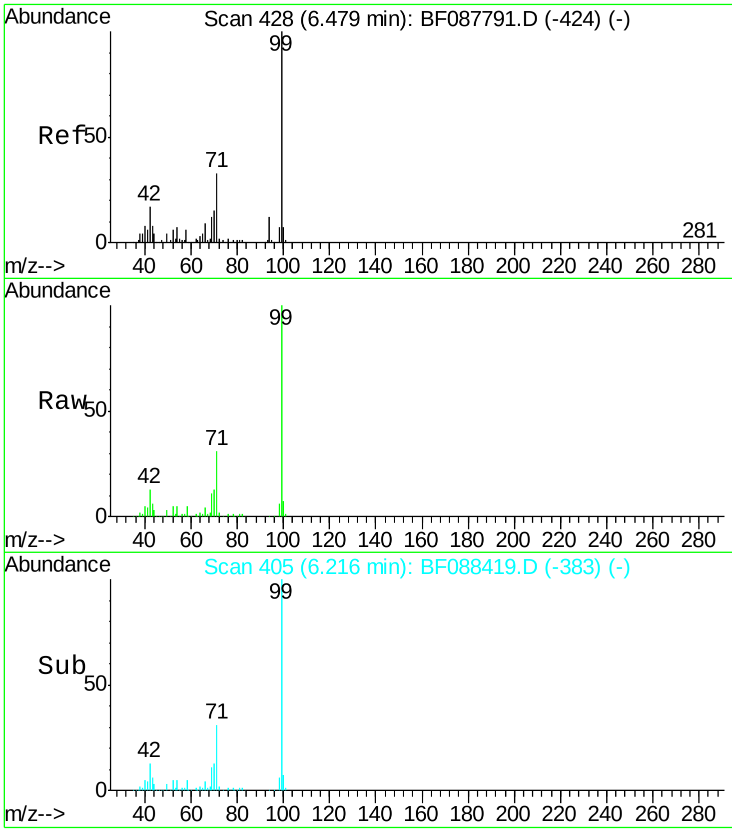


#5
2-Fluorophenol
Concen: 88.46 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:112 Resp: 373607

Ion	Ratio	Lower	Upper
112	100		
64	50.2	42.2	63.2
63	25.9	21.8	32.8



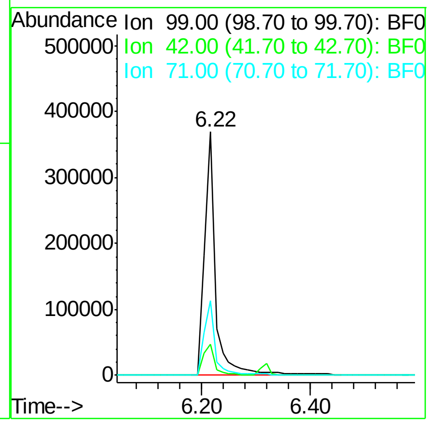


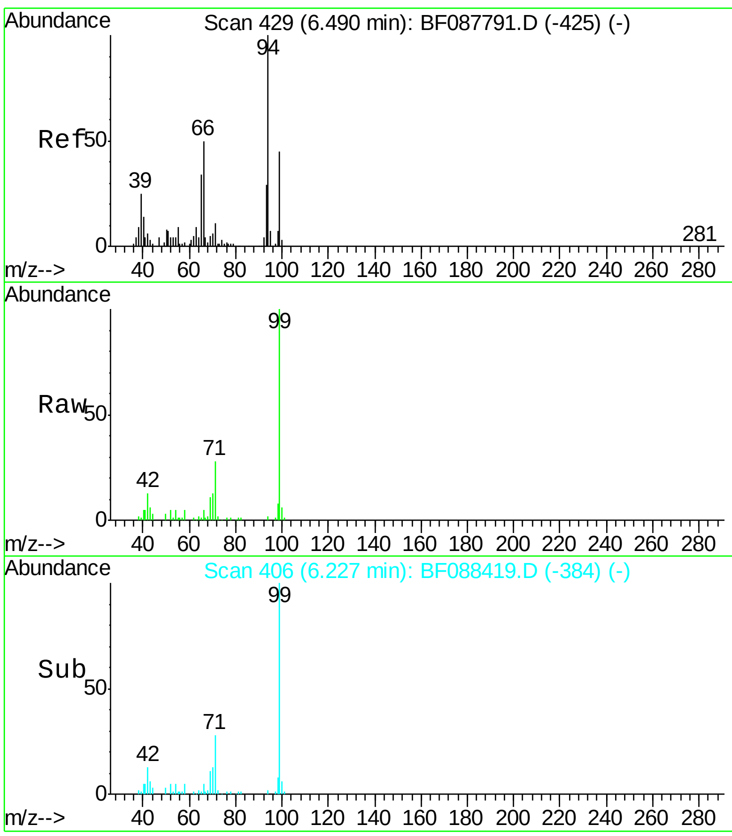
#7
Phenol-d6
Concen: 100.85 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 516229

Ion	Ratio	Lower	Upper
99	100		
42	12.7	12.2	18.2
71	30.9	23.4	35.0

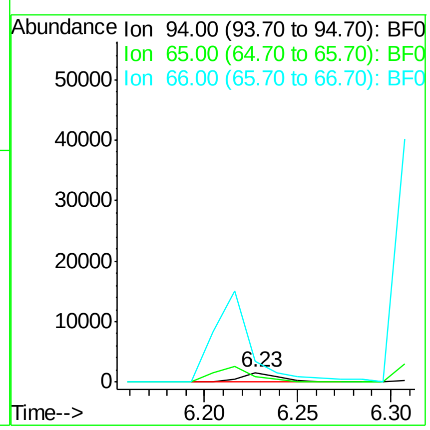


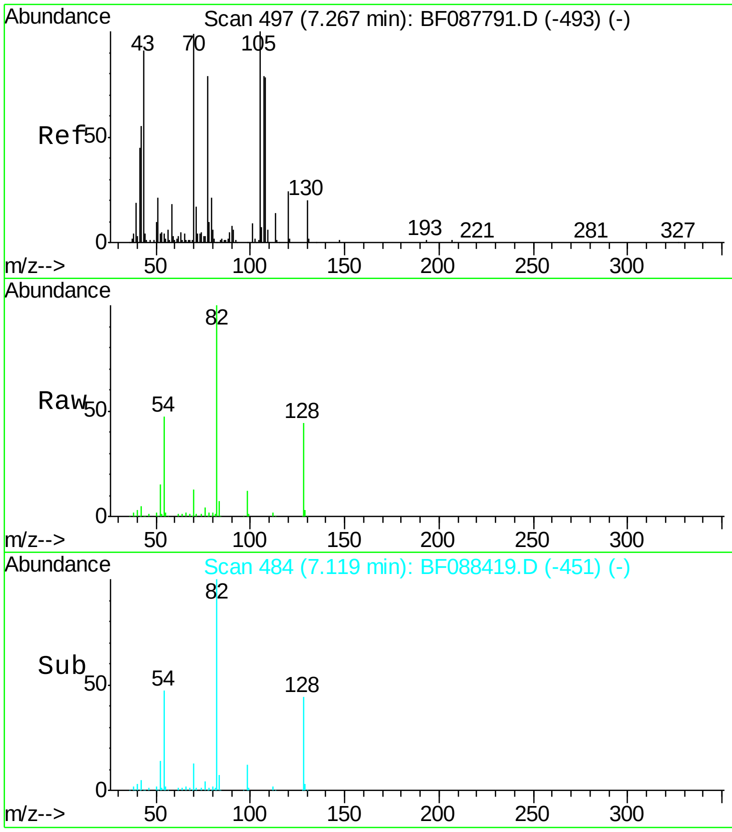


#10
Phenol
Concen: Below Cal
RT: 6.23 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion: 94 Resp: 2344

Ion	Ratio	Lower	Upper
94	100		
65	55.3	5.9	45.9#
66	215.6	14.0	54.0#



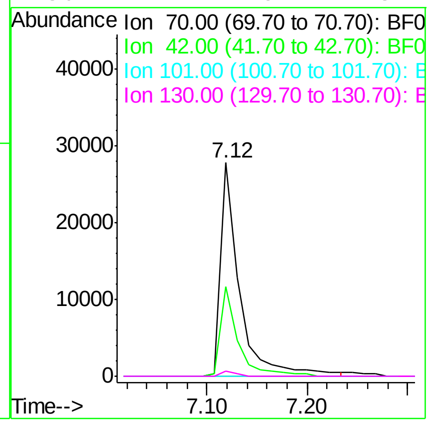


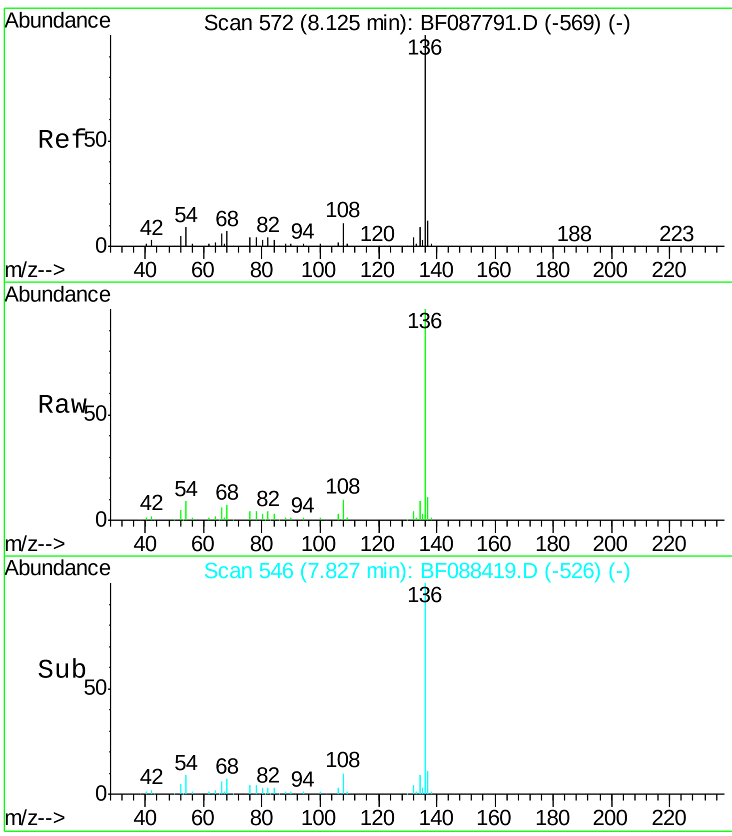
#19
n-Nitroso-di-n-propylamine
Concen: 11.16 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36556

Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#

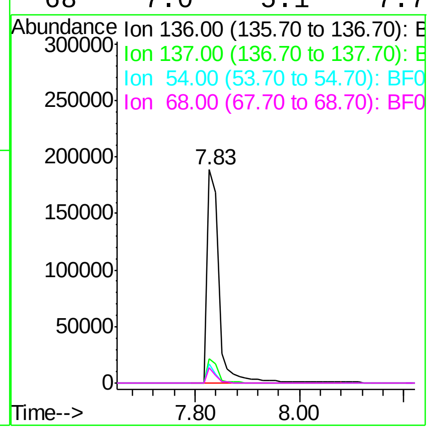


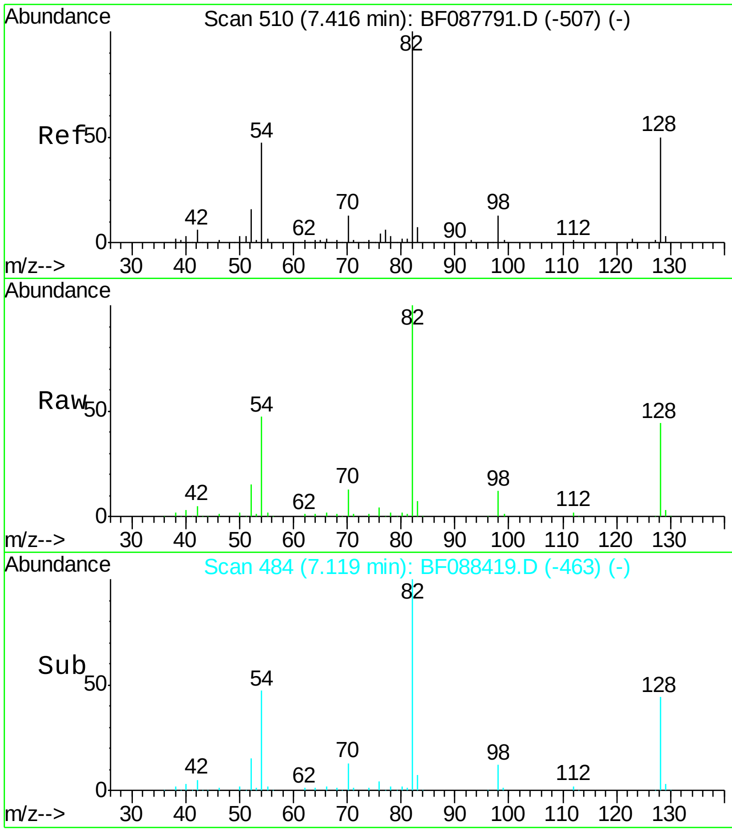


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:136 Resp: 301716

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.8	6.6	10.0
68	7.0	5.1	7.7



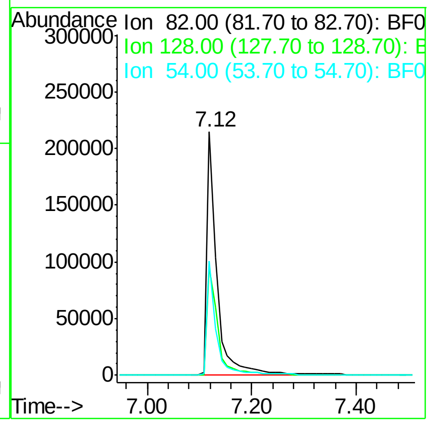


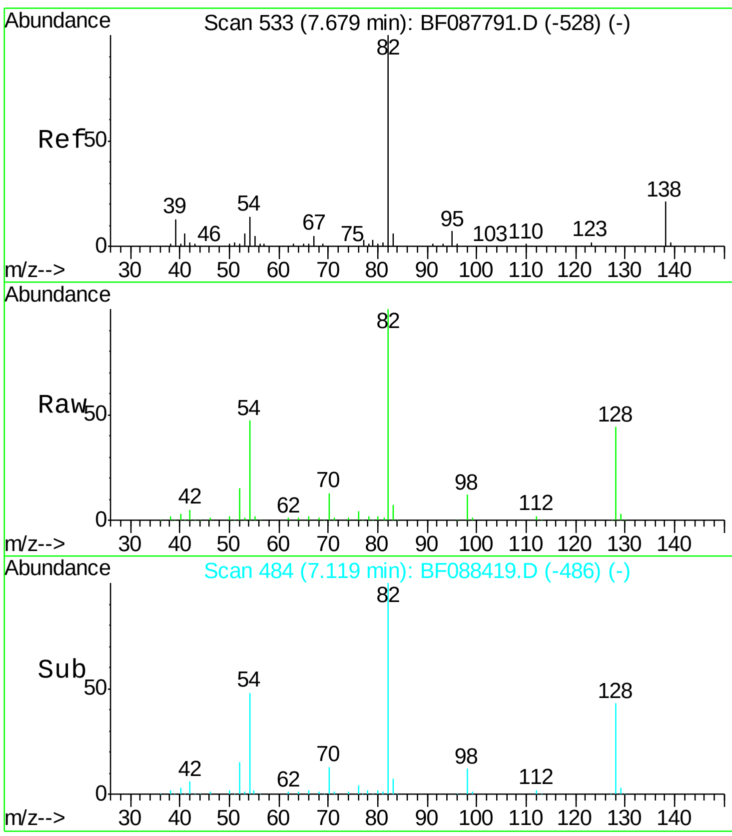
#23
Nitrobenzene-d5
Concen: 57.25 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 295807

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.9	53.9
54	46.9	40.9	61.3

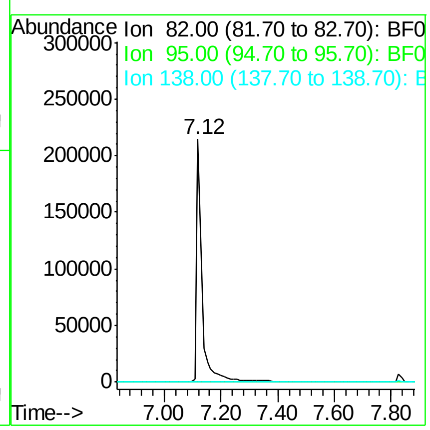


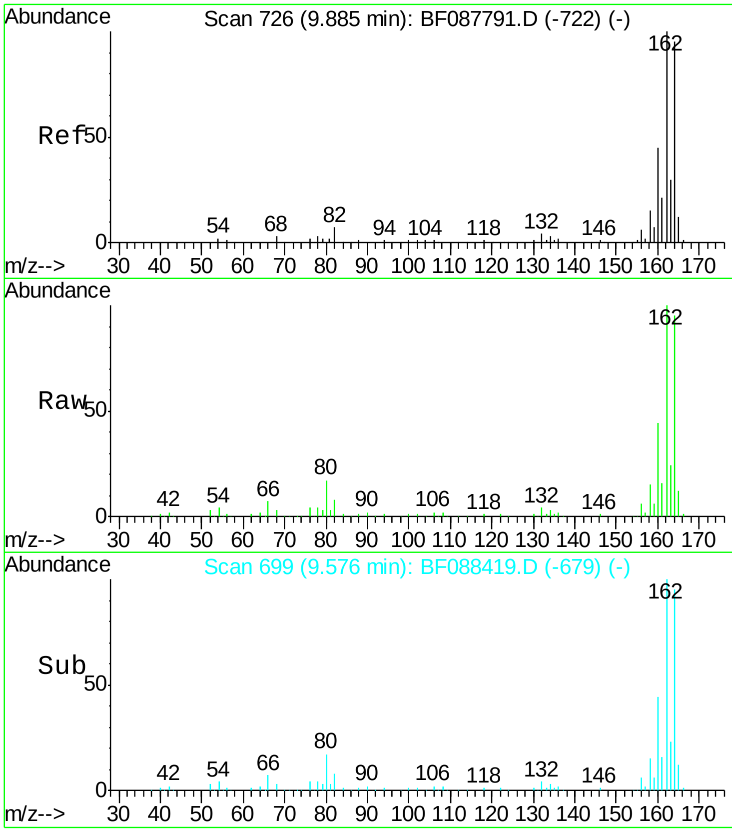


#25
Isophorone
Concen: 31.75 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion: 82 Resp: 303911

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



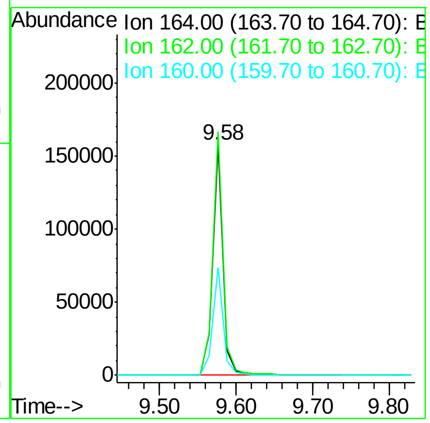


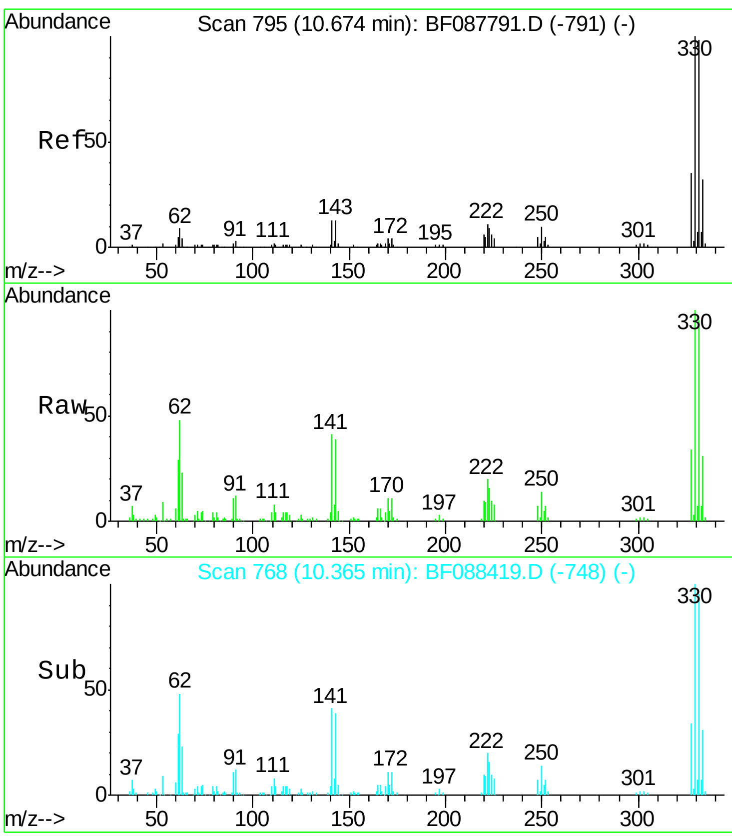
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 145765

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.4	128.2
160	46.8	39.5	59.3

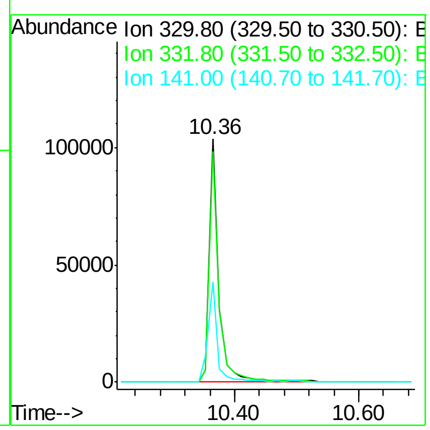


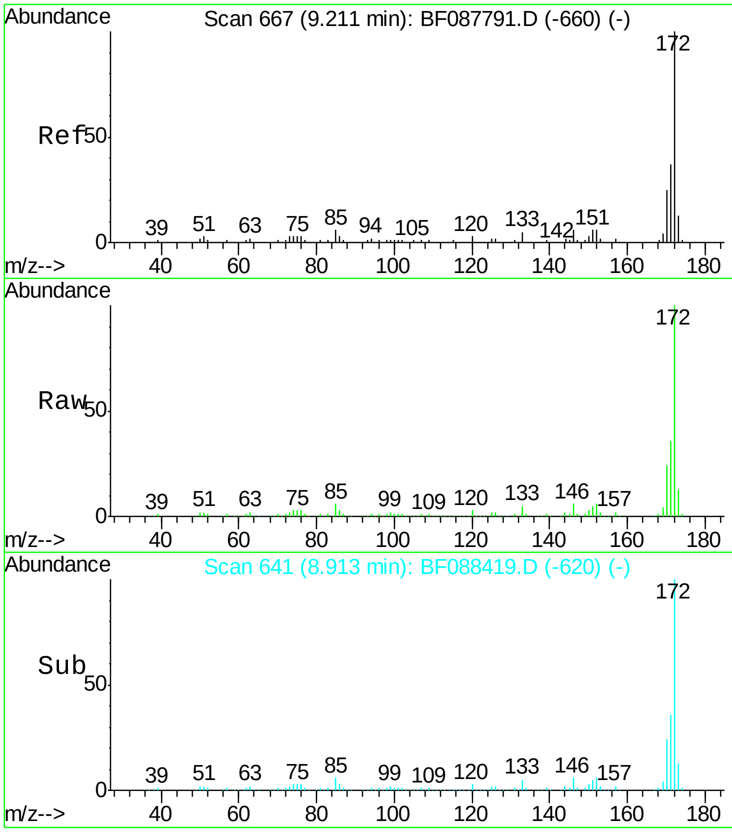


#41
2,4,6-Tribromophenol
Concen: 72.94 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:330 Resp: 112266

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.5	0.0	0.0#



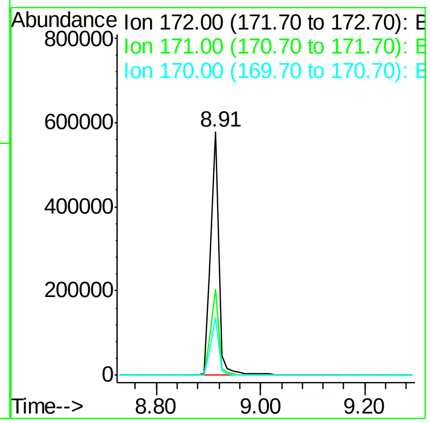


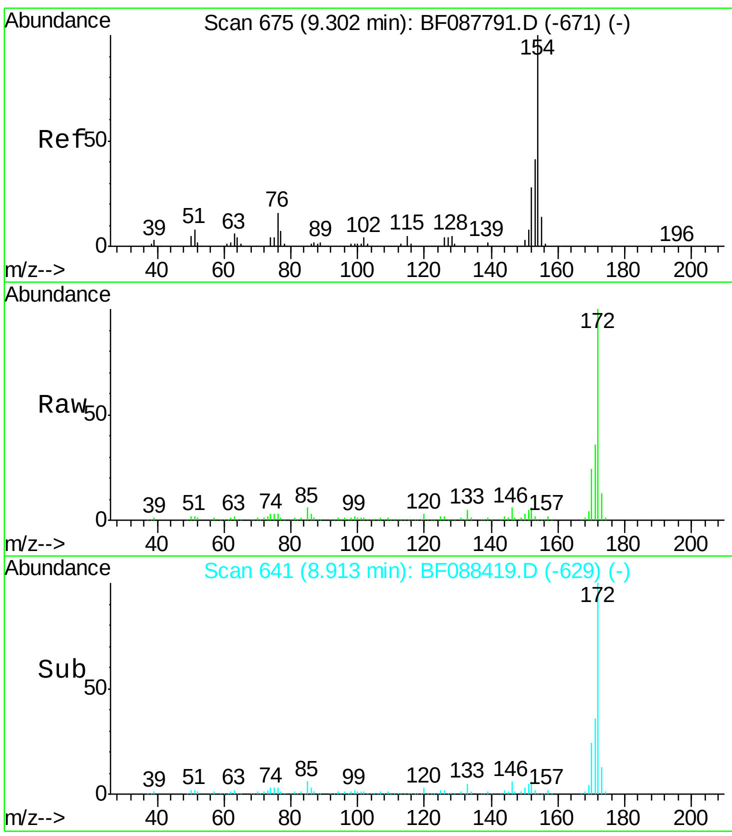
#44
2-Fluorobiphenyl
Concen: 67.70 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 638630

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.2	28.8

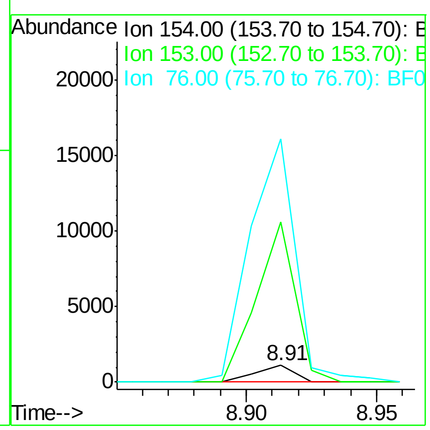


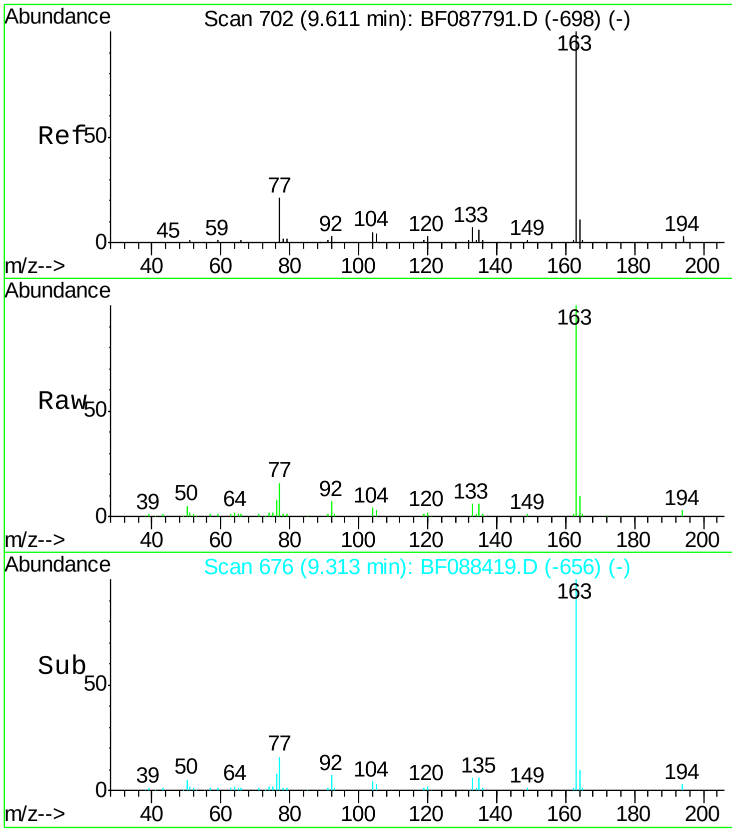


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.91 min Scan# 641
Delta R.T. -0.16 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:154 Resp: 1099

Ion	Ratio	Lower	Upper
154	100		
153	967.5	20.6	60.6#
76	1462.7	0.0	35.1#



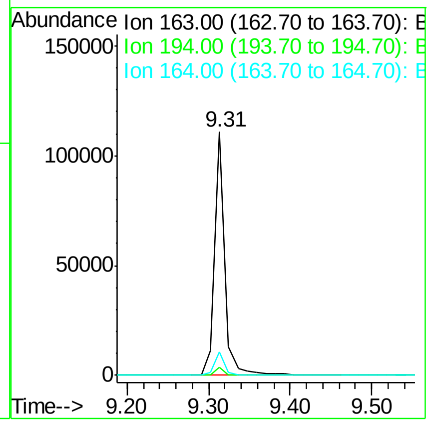


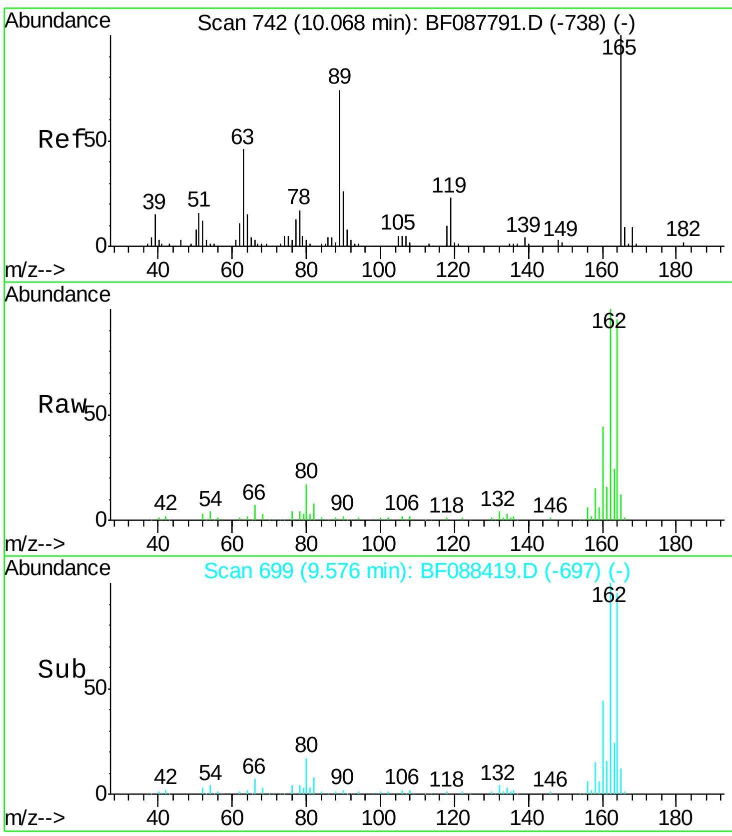
#49
Dimethylphthalate
Concen: 9.39 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 99187

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	9.9	8.3	12.5

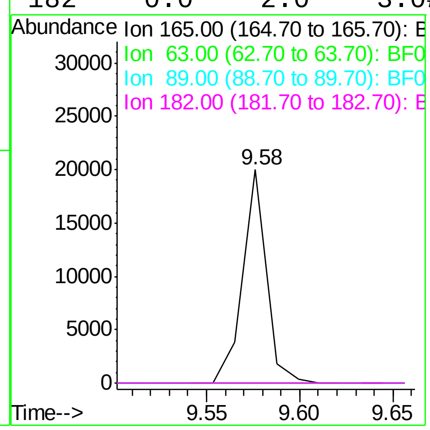


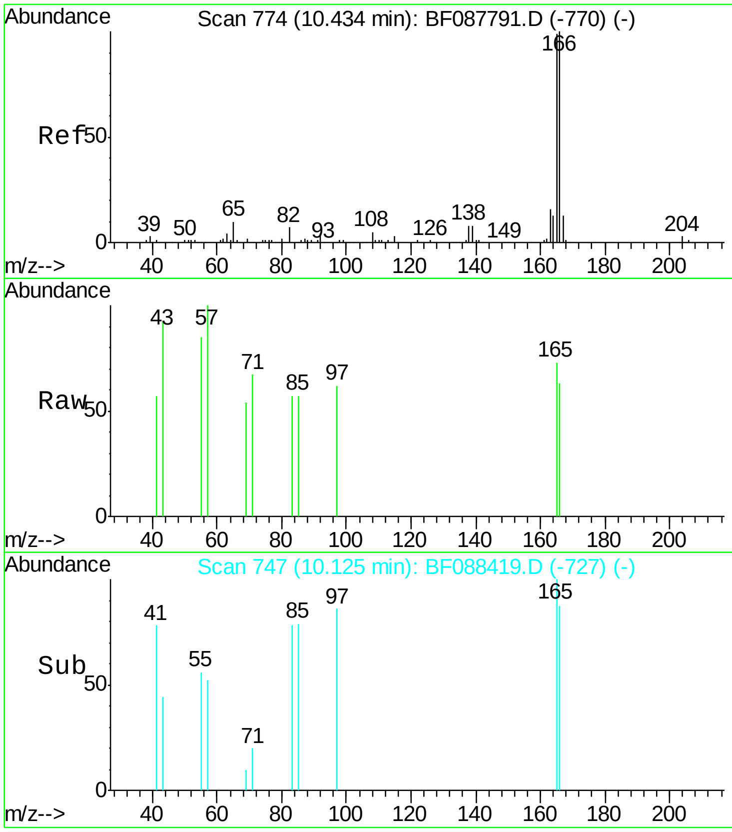


#56
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.27 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:165 Resp: 17831

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#



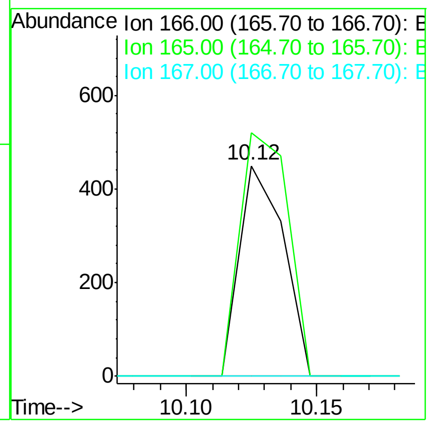


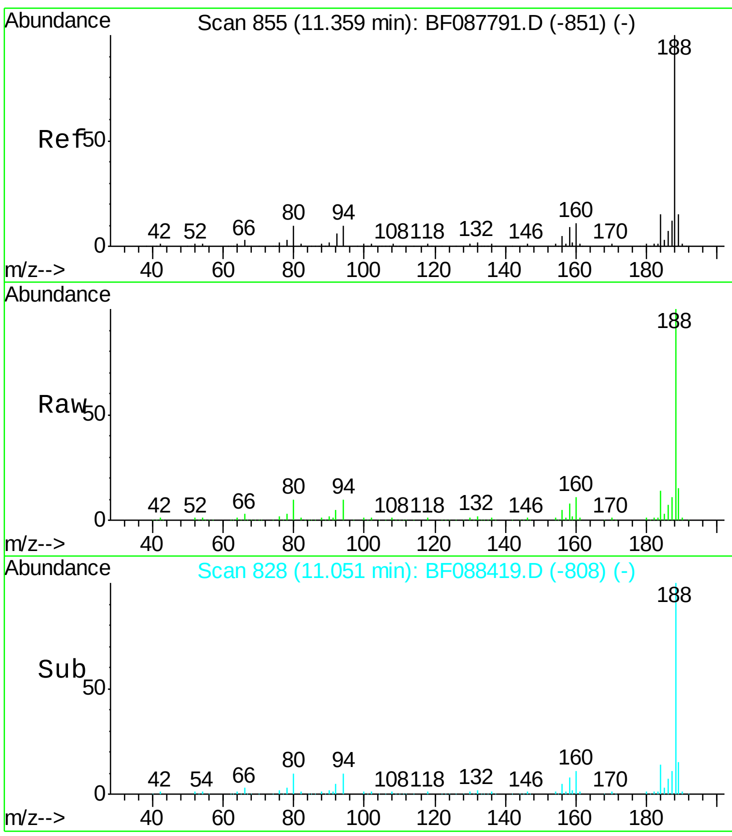
#57
Fluorene
Concen: Below Cal
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 536

Ion	Ratio	Lower	Upper
166	100		
165	115.6	77.8	116.8
167	0.0	11.2	16.8#

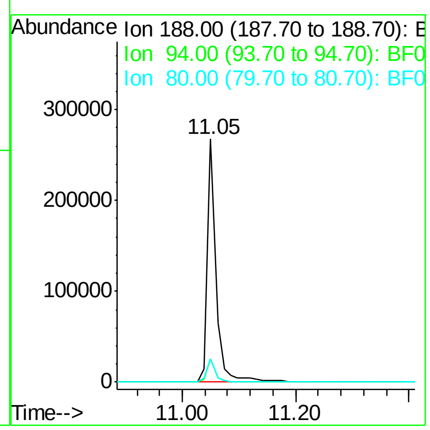


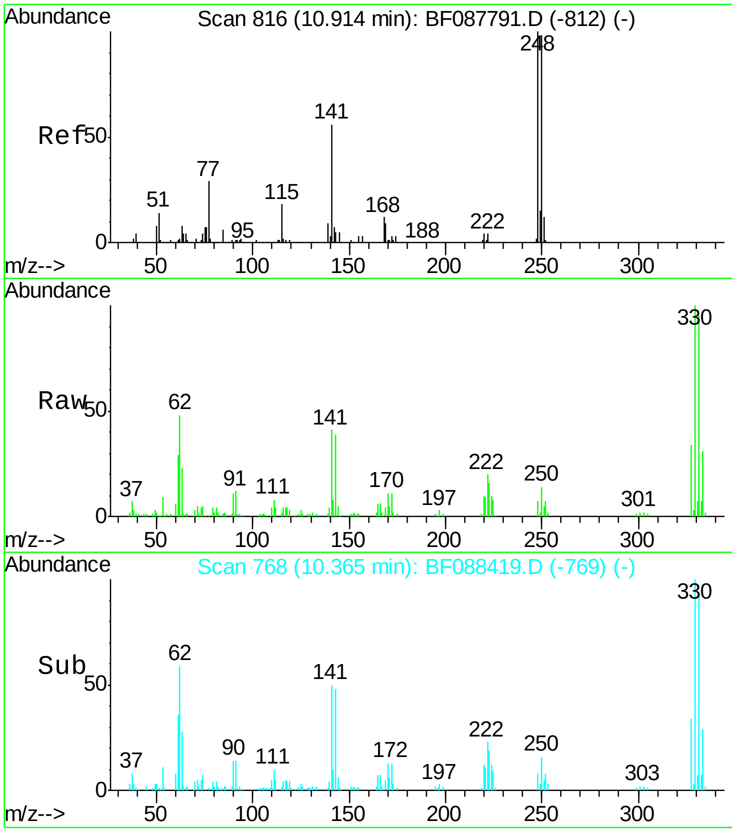


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:188 Resp: 273609

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.6
80	9.9	10.0	15.0#



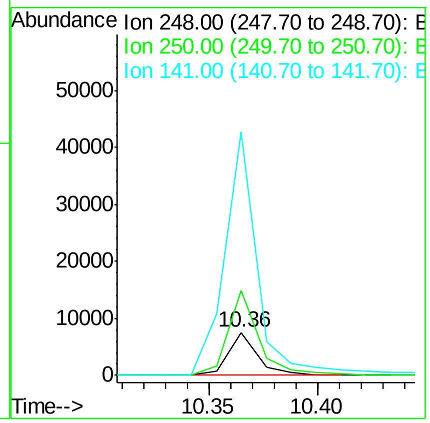


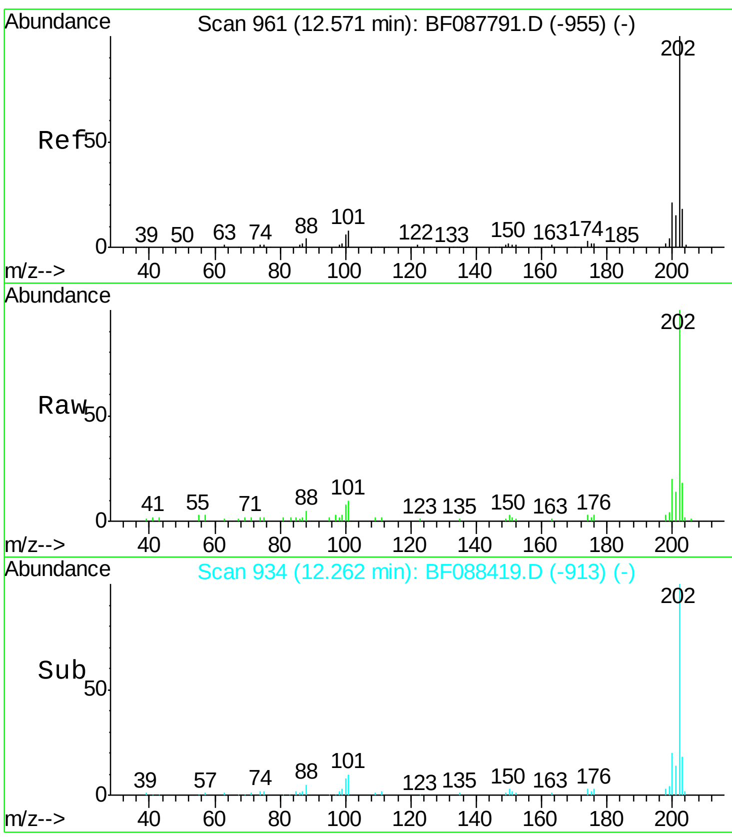
#66
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.31 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 7002

Ion	Ratio	Lower	Upper
248	100		
250	200.5	77.1	115.7#
141	571.2	50.6	76.0#

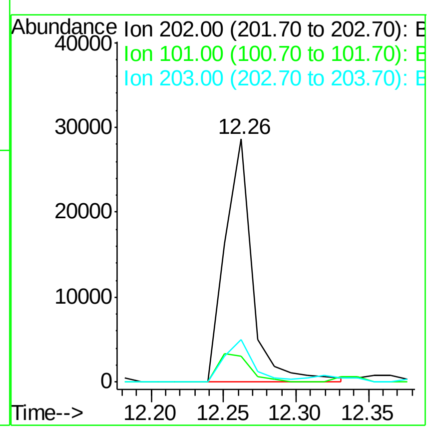


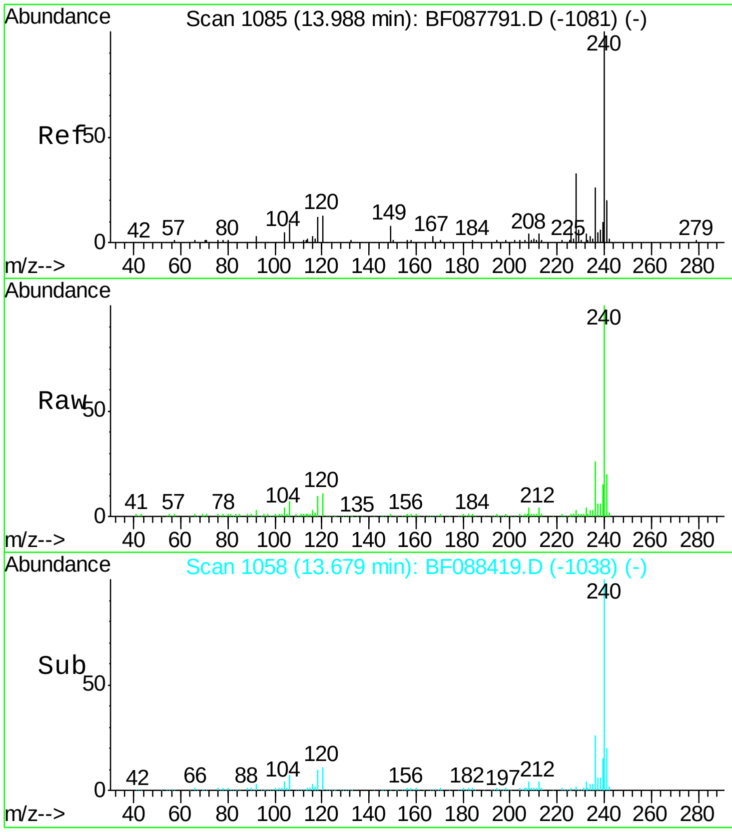


#74
Fluoranthene
Concen: 2.49 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:202 Resp: 37691

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.1
203	17.6	0.0	38.1

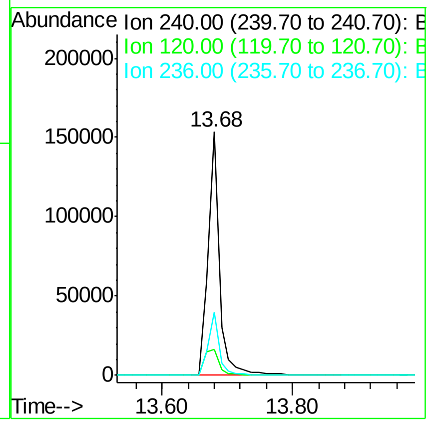


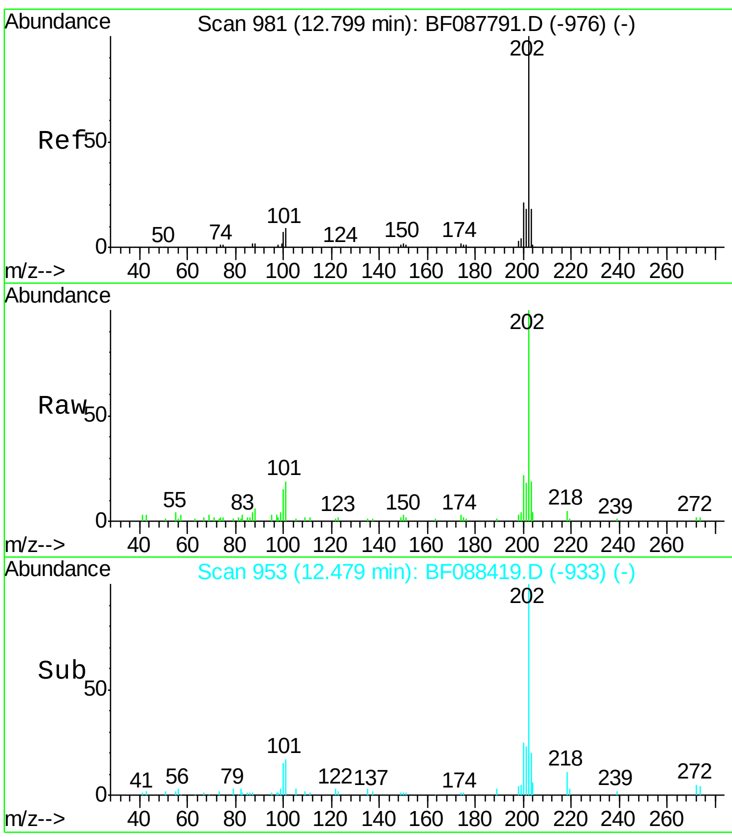


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

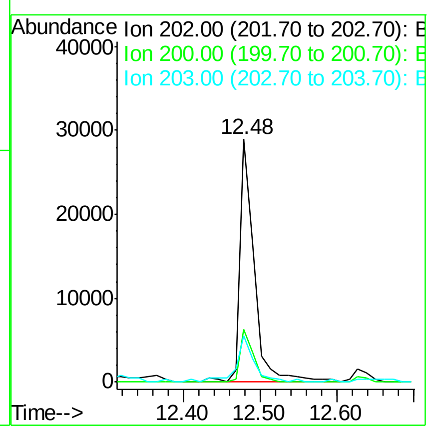
Tgt Ion:240	Resp:	185722	
Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.8	10.2#
236	25.7	20.2	30.2

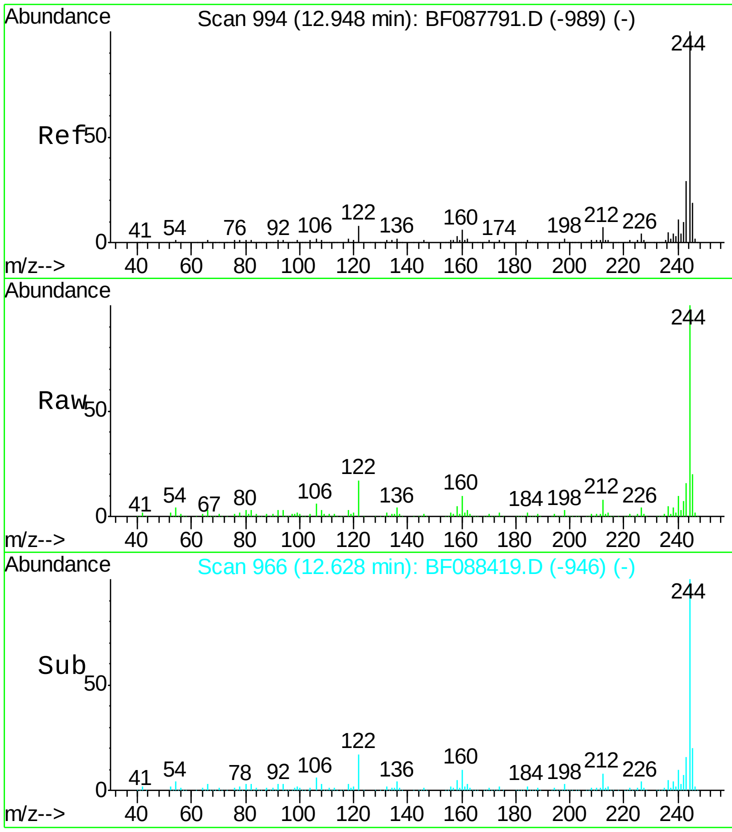




#77
Pyrene
Concen: 2.79 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:202	Resp:	38515	
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	19.3	14.5	21.7



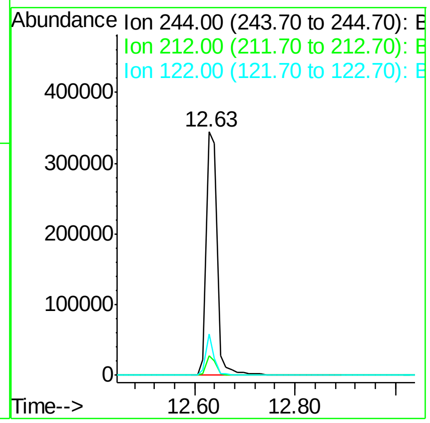


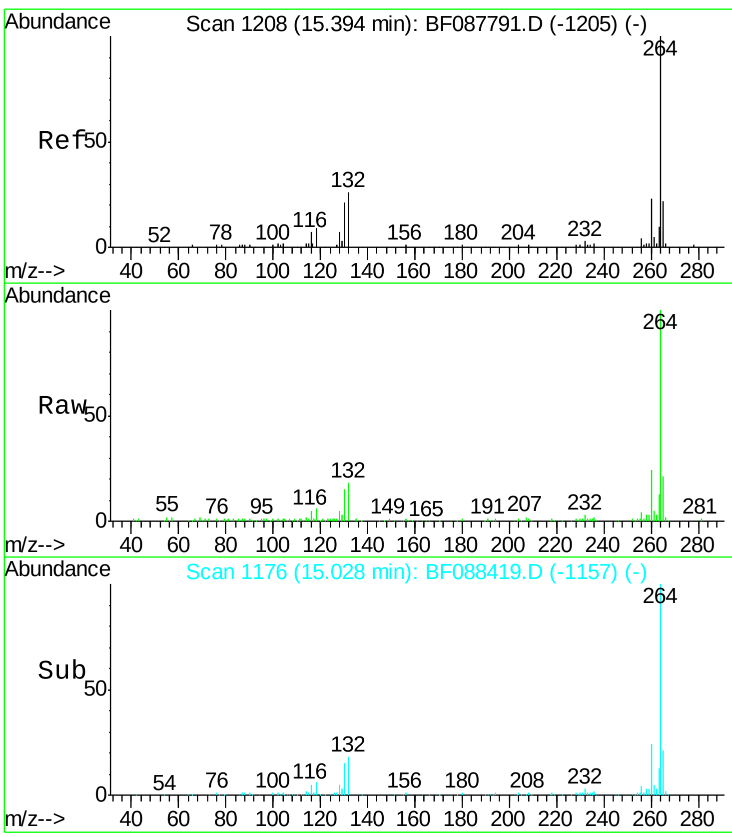
#78
Terphenyl-d14
Concen: 64.53 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 526636

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	16.7	11.2	16.8

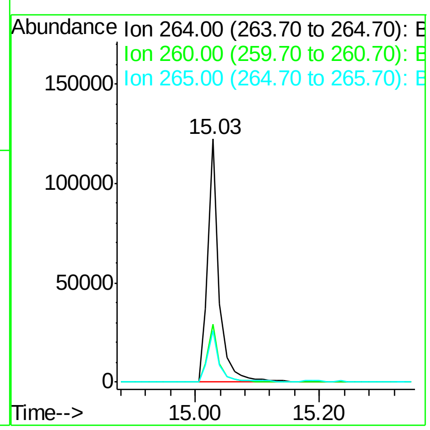


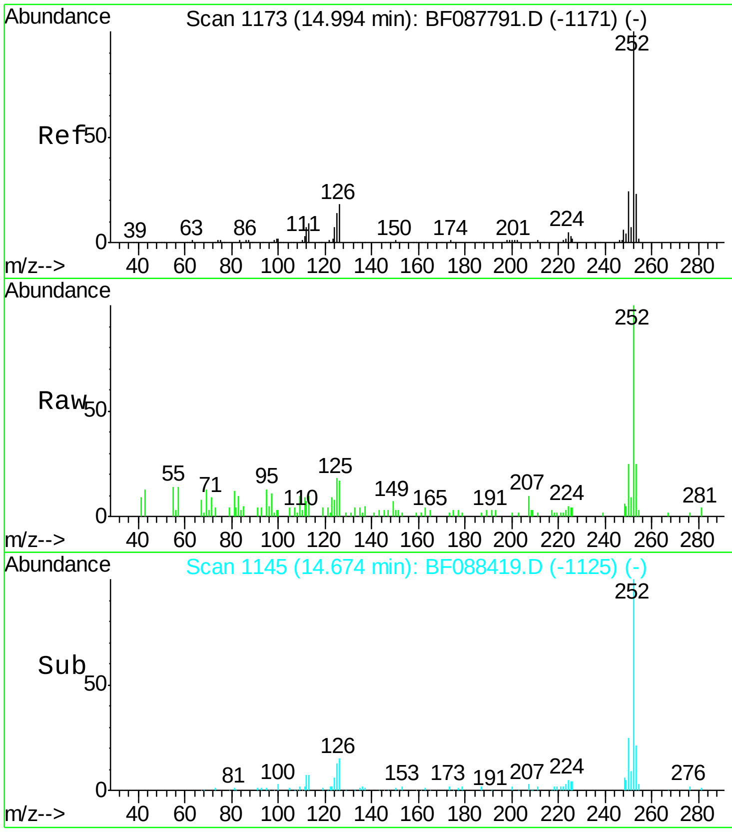


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:264 Resp: 158343

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3



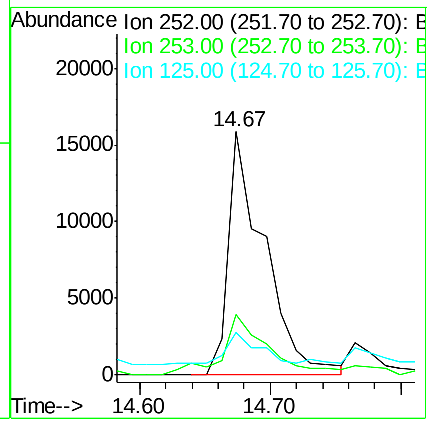


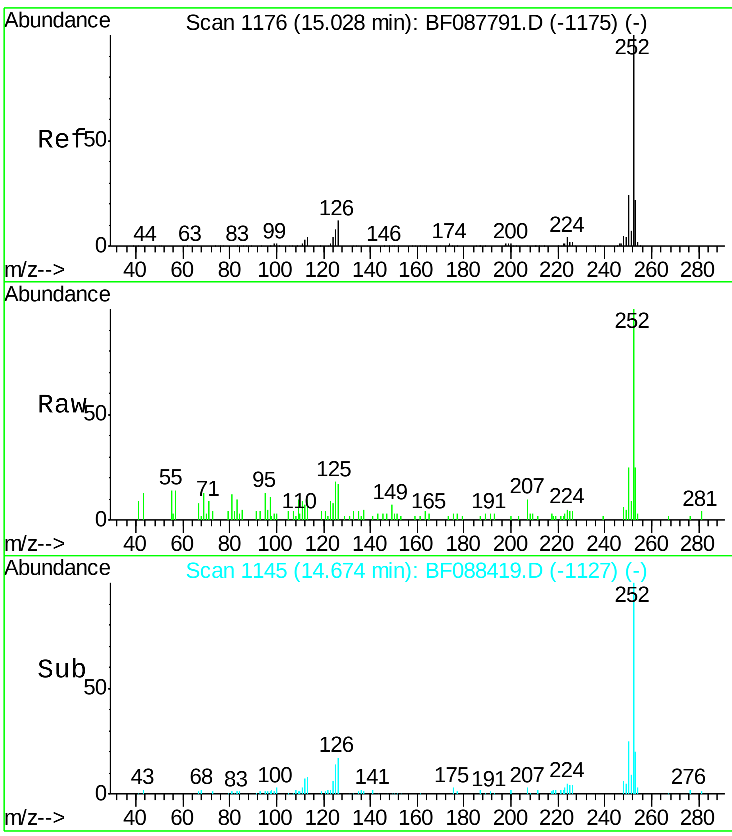
#87
Benzo(b)fluoranthene
Concen: 2.77 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 30605

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	17.7	7.1	10.7#





#88
Benzo(k)fluoranthene
Concen: 3.68 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:252 Resp: 30605

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	17.7	11.2	16.8#