Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088377.D
Acq On : 25 Jun 2016 15:18
Operator : UM/SJ
Sample : H3622-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-STA-1456(0-4)

Quant Time: Jun 26 01:57:10 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	6.56	152	79505	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	307217	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	135517	20.00	ng		-0.06
63) Phenanthrene-d10	11.06	188	228075	20.00	ng		-0.06
75) Chrysene-d12	13.69	240	158599	20.00	ng		-0.06
86) Perylene-d12	15.05	264	143100	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	456646	98.19	ng		-0.03
7) Phenol-d6	6.23	99	562880	99.87	ng		-0.03
23) Nitrobenzene-d5	7.14	82	357772	68.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	118657	82.92	ng		-0.05
44) 2-Fluorobiphenyl	8.92	172	656738	75.51	ng		-0.05
78) Terphenyl-d14	12.65	244	469683	67.39	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.24	94	3800	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.14	70	43637	12.10	ng	#	68
25) Isophorone	7.14	82	365444	37.50	ng	#	65
45) 1,1'-Biphenyl	8.92	154	892	Below Cal		#	1
49) Dimethylphthalate	9.32	163	112762	11.49	ng		99
56) 2,4-Dinitrotoluene	9.59	165	16844	5.83	ng	#	36
57) Fluorene	10.15	166	1821	Below Cal		#	67
66) 4-Bromophenyl-phenylether	10.38	248	6883	2.81	ng	#	1
74) Fluoranthene	12.27	202	99926	7.91	ng		96
77) Pyrene	12.49	202	102101	8.68	ng		97
80) Benzo(a)anthracene	13.68	228	62624	6.93	ng		96
82) Chrysene	13.68	228	62624	7.37	ng		96
85) Indeno(1,2,3-cd)pyrene	16.29	276	25420	3.22	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	114065	11.44	ng	#	95
88) Benzo(k)fluoranthene	14.69	252	114065	15.16	ng		100
89) Benzo(a)pyrene	14.99	252	44163	5.47	ng		95
91) Benzo(g,h,i)perylene	16.66	276	20604	2.67	ng		97

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

Quantitation Report (Not Reviewed)

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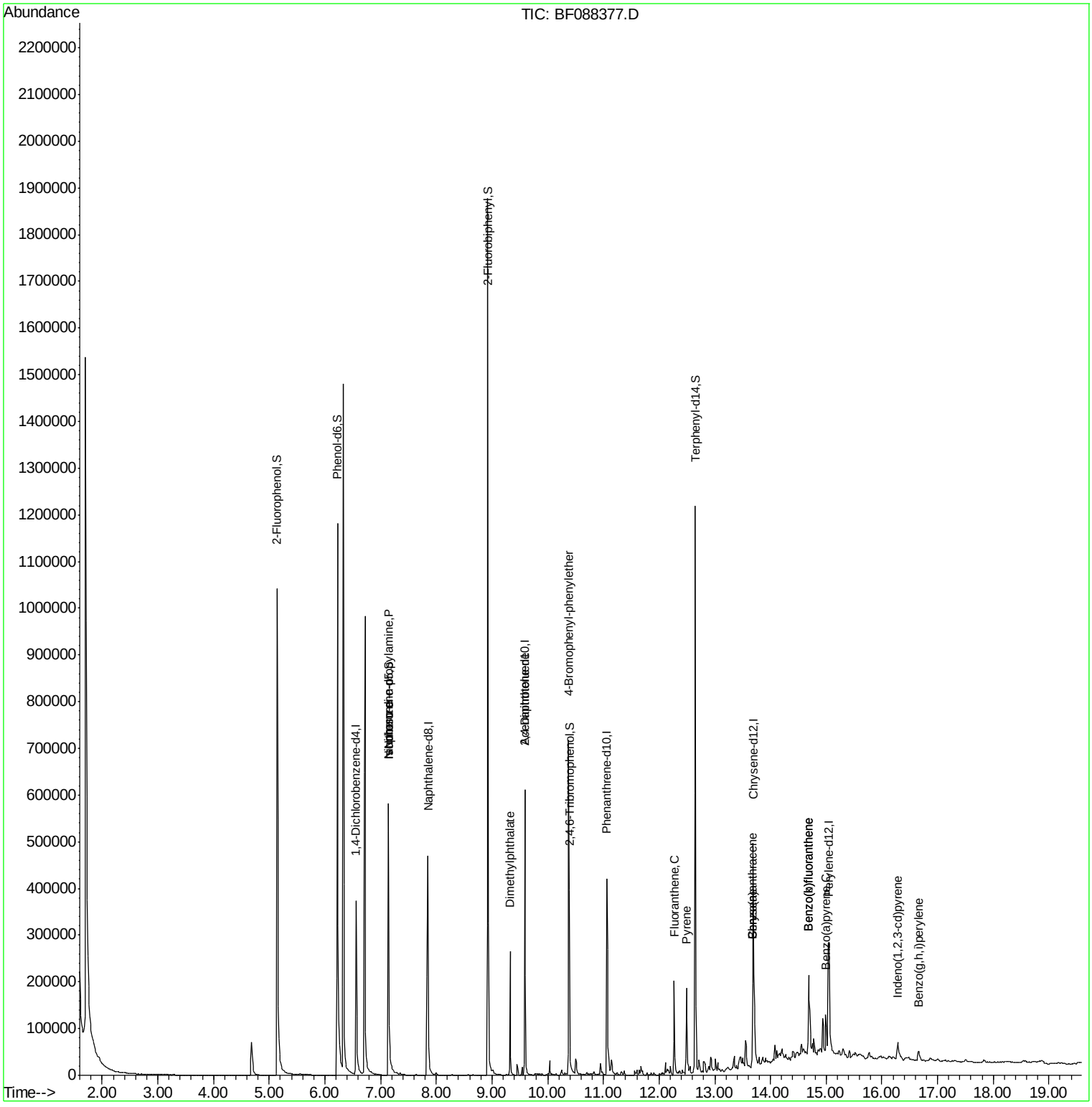
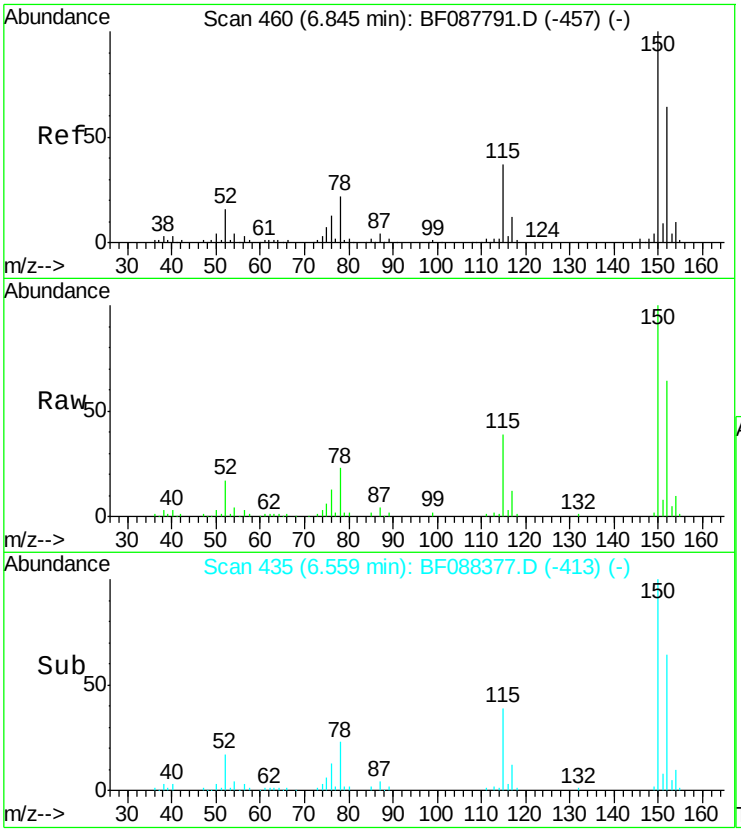


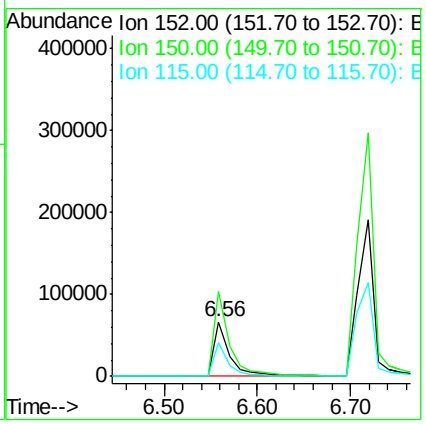


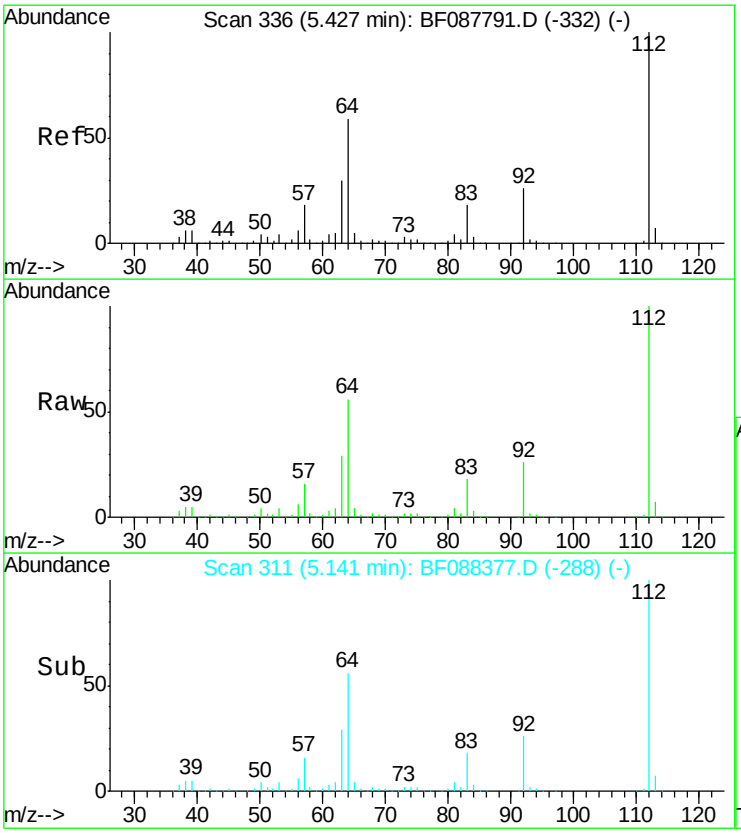
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:152 Resp: 79505

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.8	185.6
115	61.2	39.6	59.4#

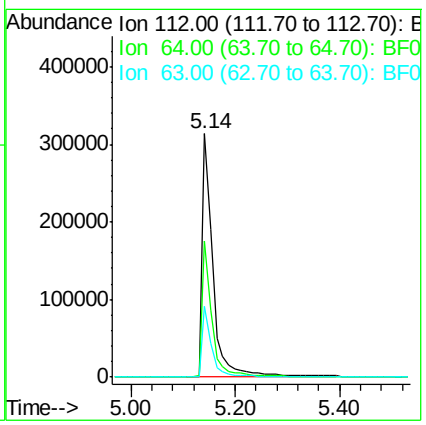


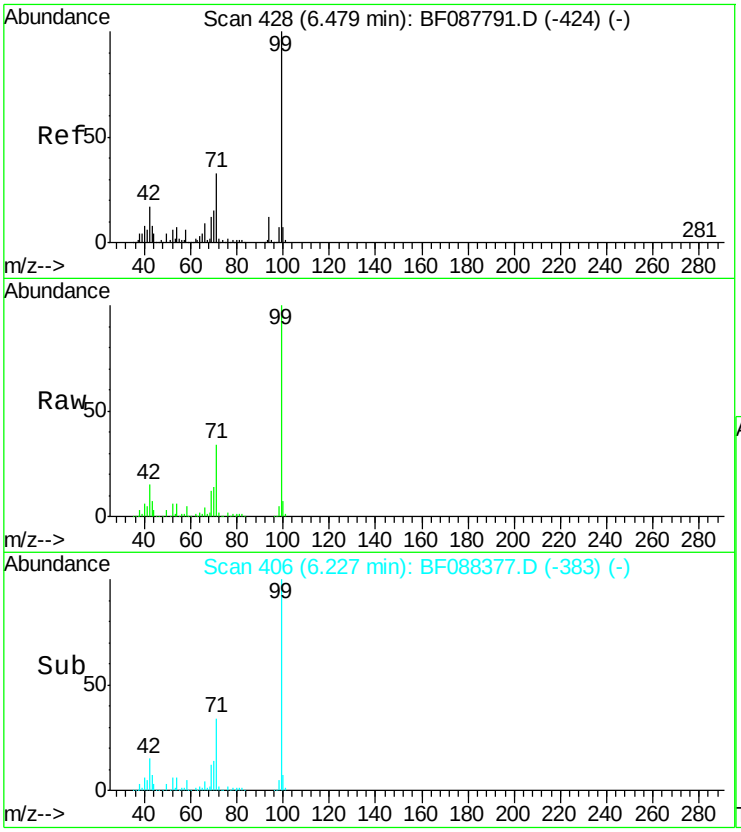


#5
2-Fluorophenol
Concen: 98.19 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:112 Resp: 456646

Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.2	63.2
63	29.2	21.8	32.8



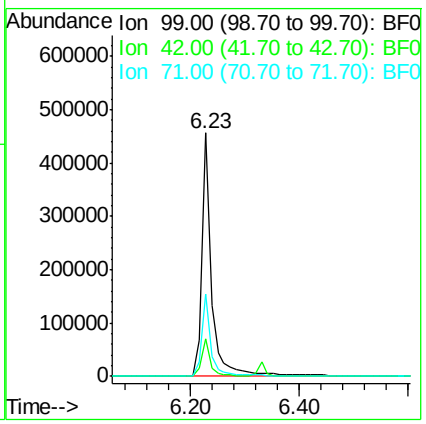


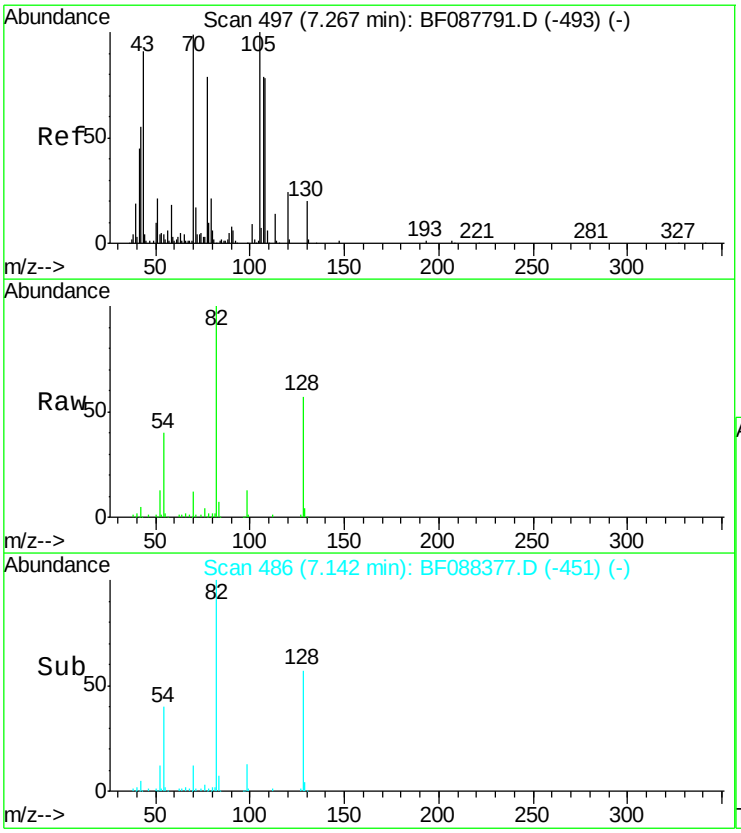
#7
Phenol-d6
Concen: 99.87 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion: 99 Resp: 562880

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	33.7	23.4	35.0

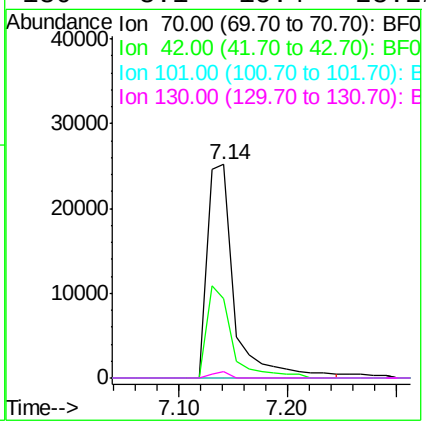


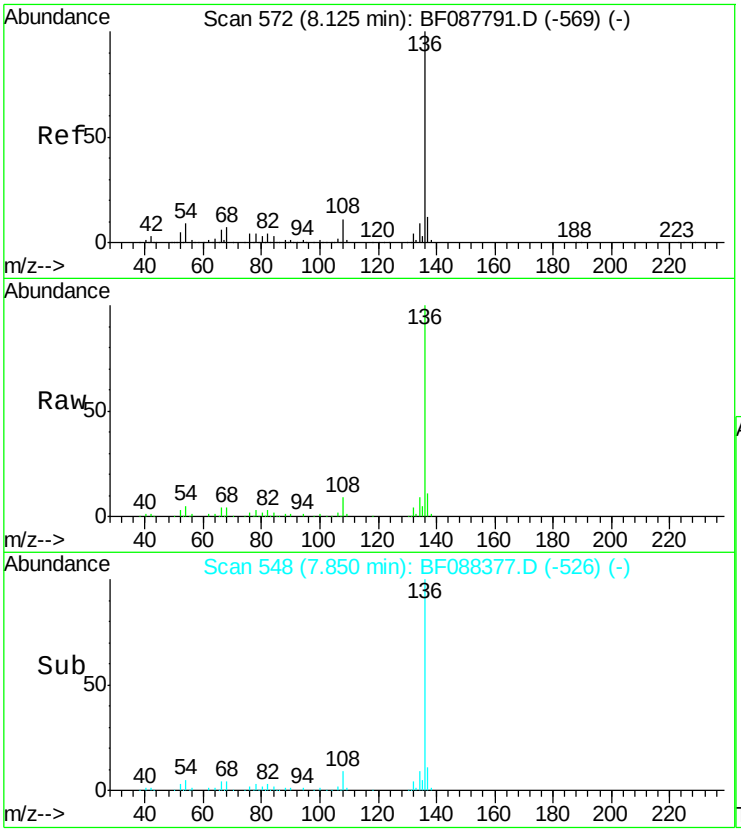


#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.10 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion: 70 Resp: 43637

Ion	Ratio	Lower	Upper
70	100		
42	37.4	49.6	74.4#
101	0.0	7.1	10.7#
130	3.1	15.4	23.2#



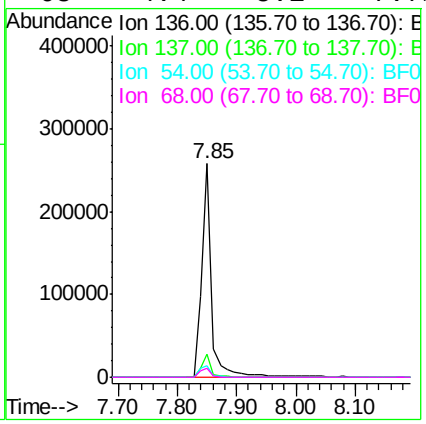


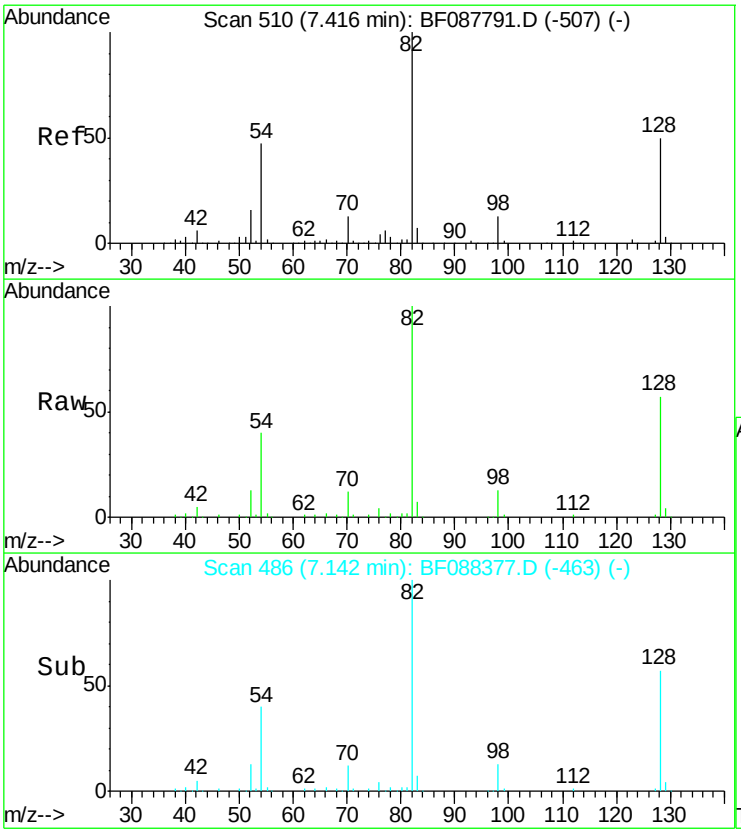
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:136 Resp: 307217

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.2	6.6	10.0#
68	4.4	5.1	7.7#

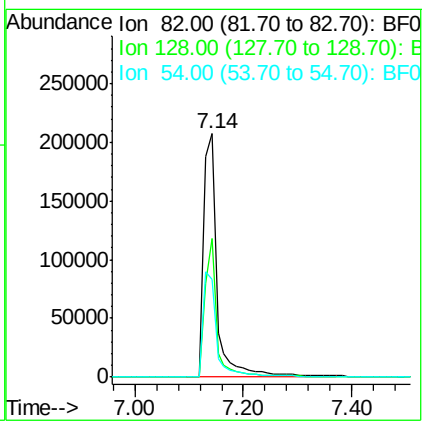


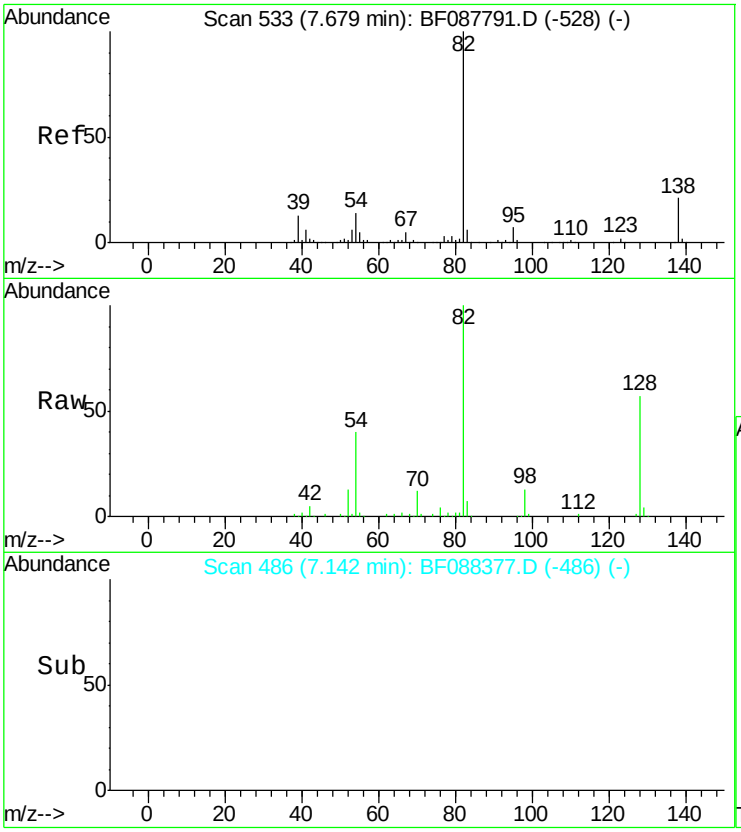


#23
Nitrobenzene-d5
Concen: 68.00 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion: 82 Resp: 357772

Ion	Ratio	Lower	Upper
82	100		
128	56.7	35.9	53.9#
54	40.2	40.9	61.3#



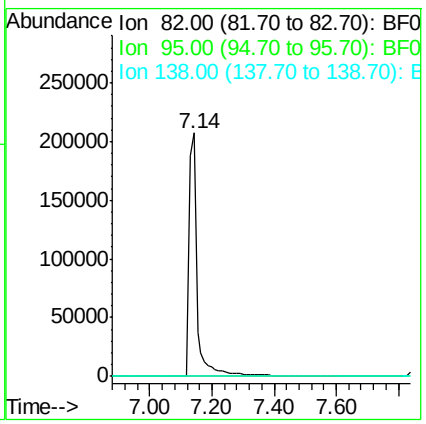


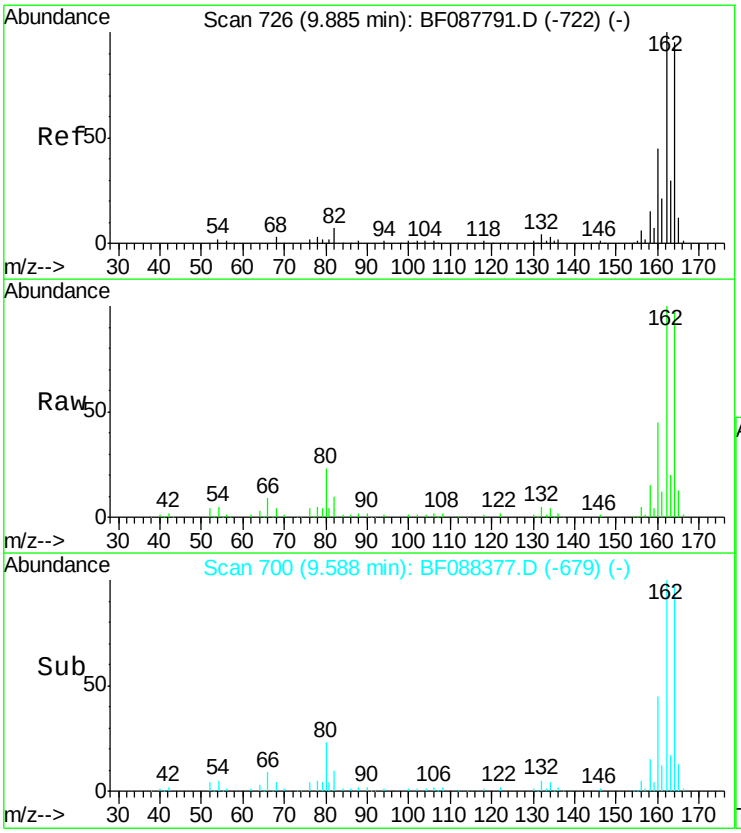
#25
Isophorone
Concen: 37.50 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.30 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion: 82 Resp: 365444

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

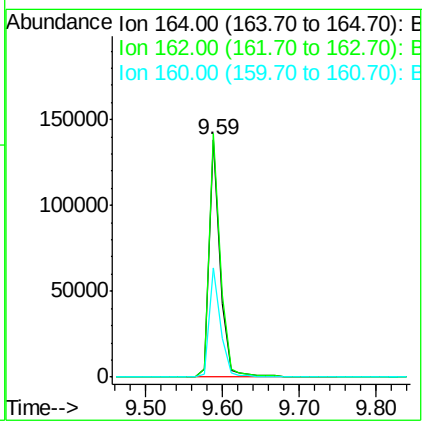


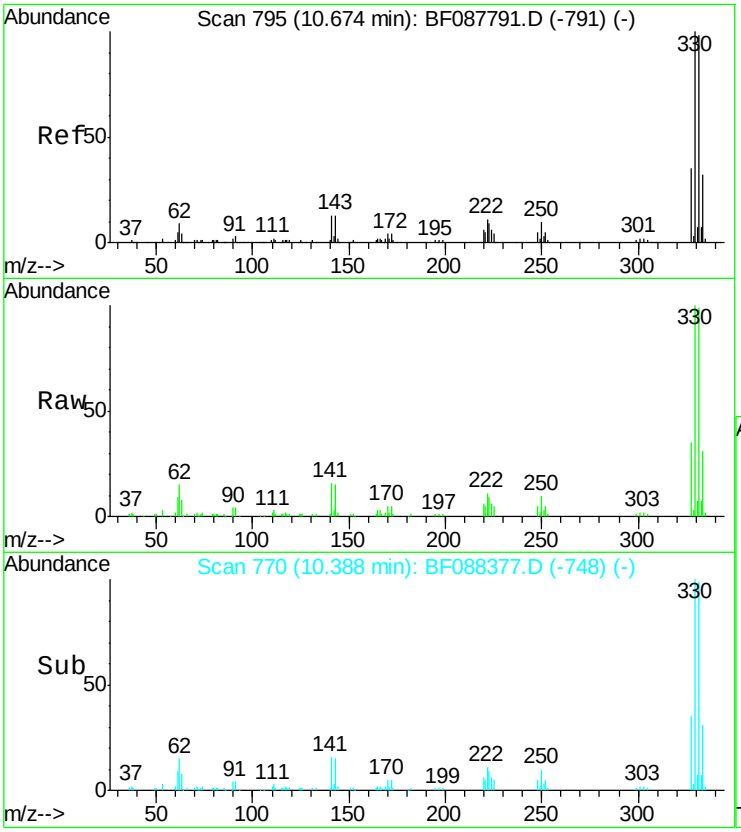


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:164 Resp: 135517

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.4	128.2
160	46.0	39.5	59.3



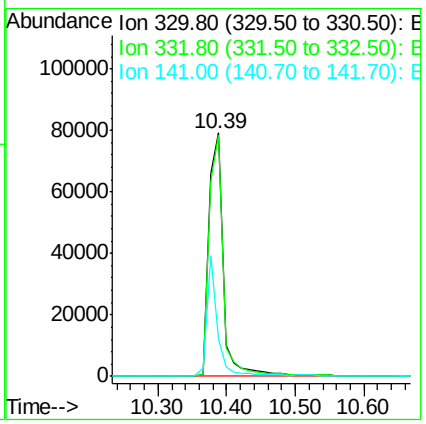


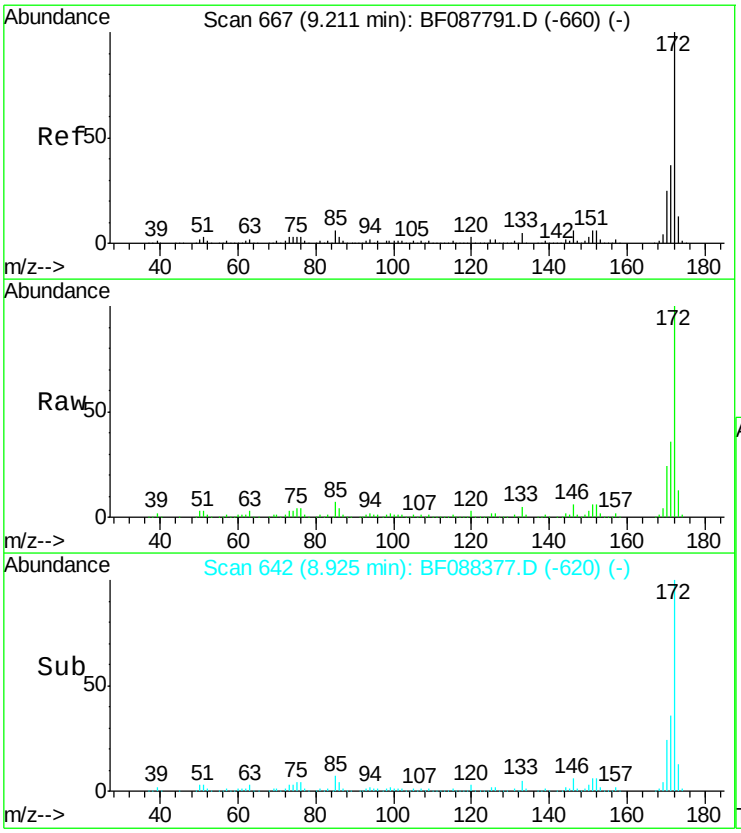
#41
2,4,6-Tribromophenol
Concen: 82.92 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:330 Resp: 118657

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	36.4	0.0	0.0#

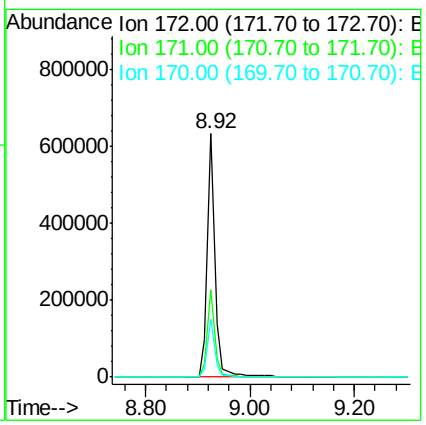


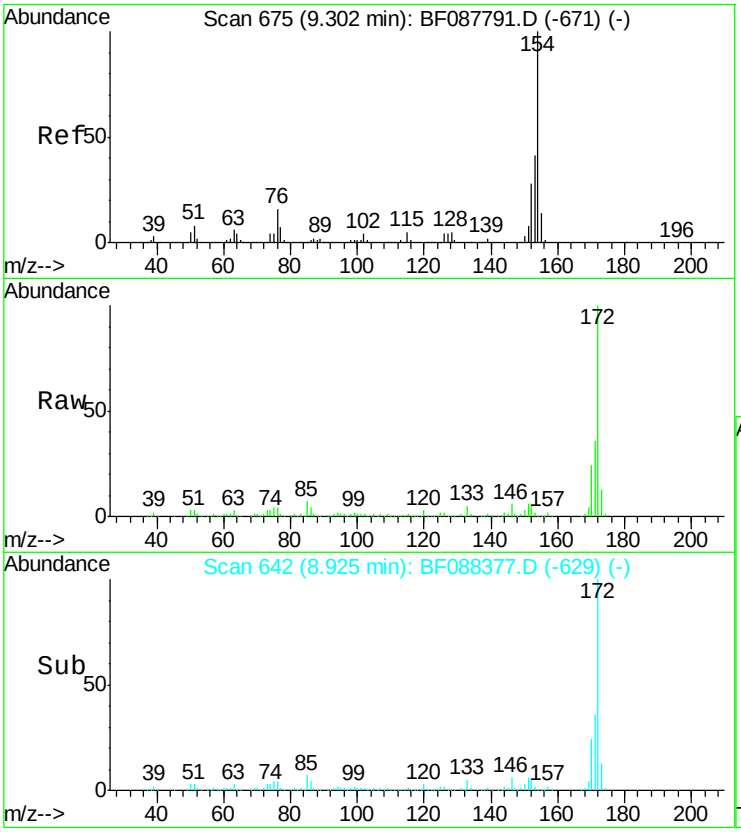


#44
2-Fluorobiphenyl
Concen: 75.51 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:172 Resp: 656738

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	19.2	28.8



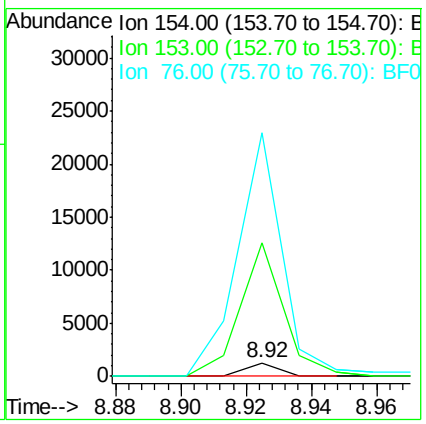


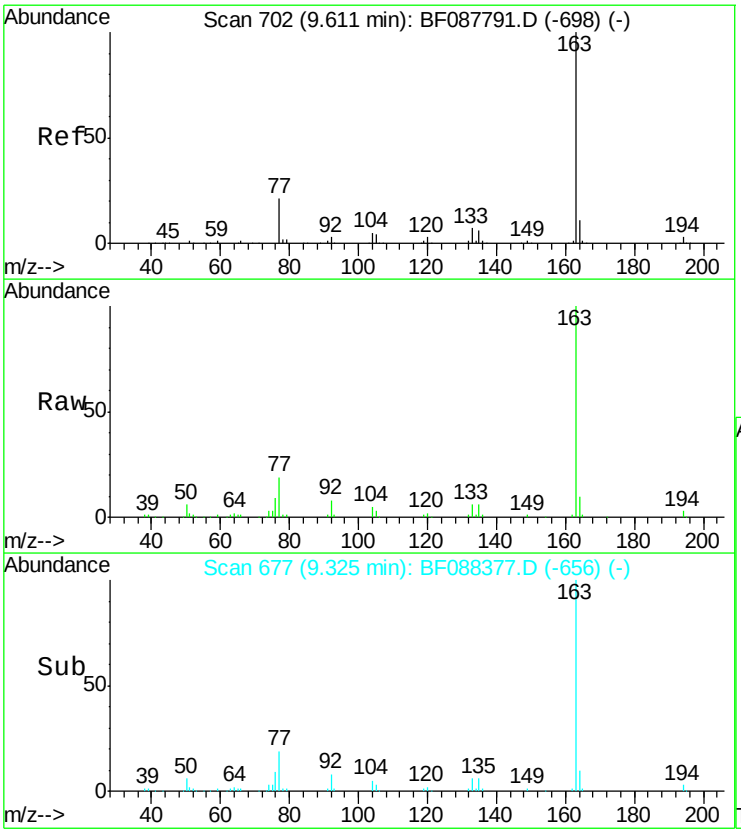
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.92 min Scan# 642
Delta R.T. -0.15 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:154 Resp: 892

Ion	Ratio	Lower	Upper
154	100		
153	967.8	20.6	60.6#
76	1763.6	0.0	35.1#

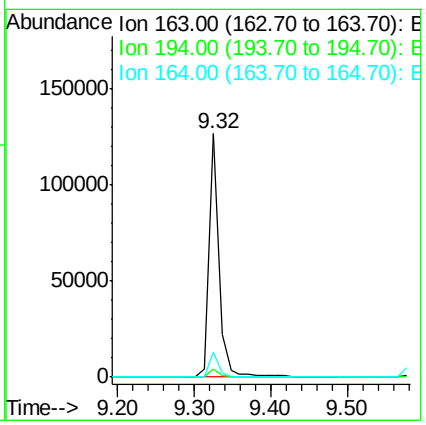


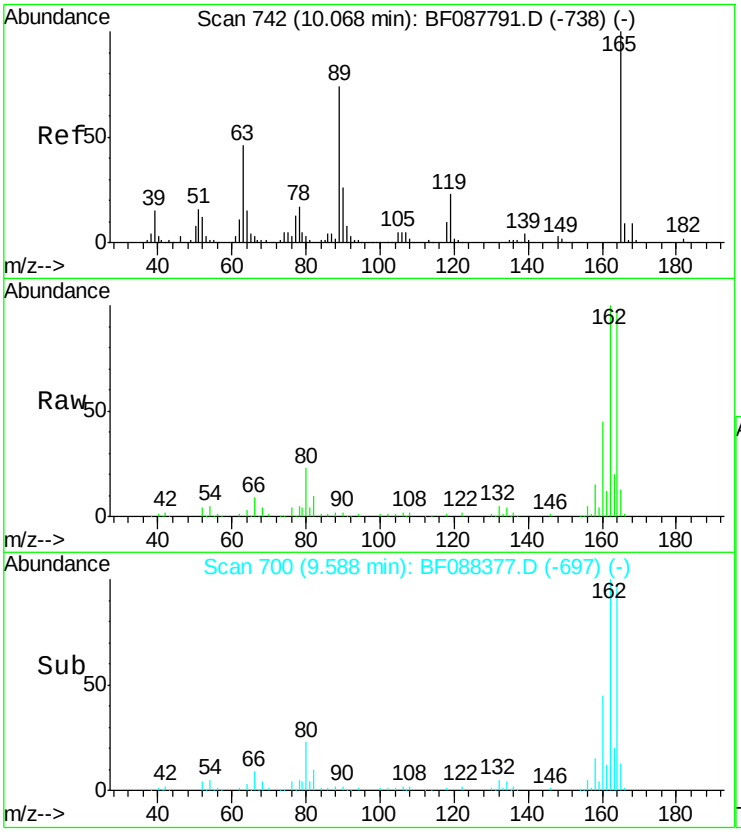


#49
Dimethylphthalate
Concen: 11.49 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:163 Resp: 112762

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.0	8.3	12.5



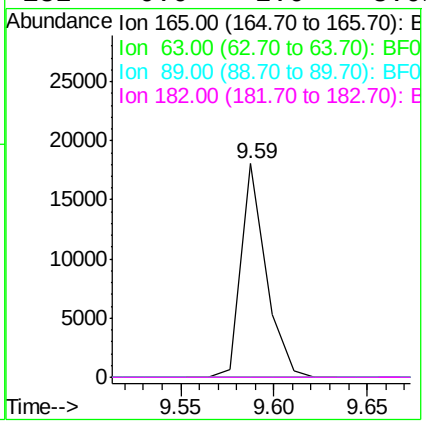


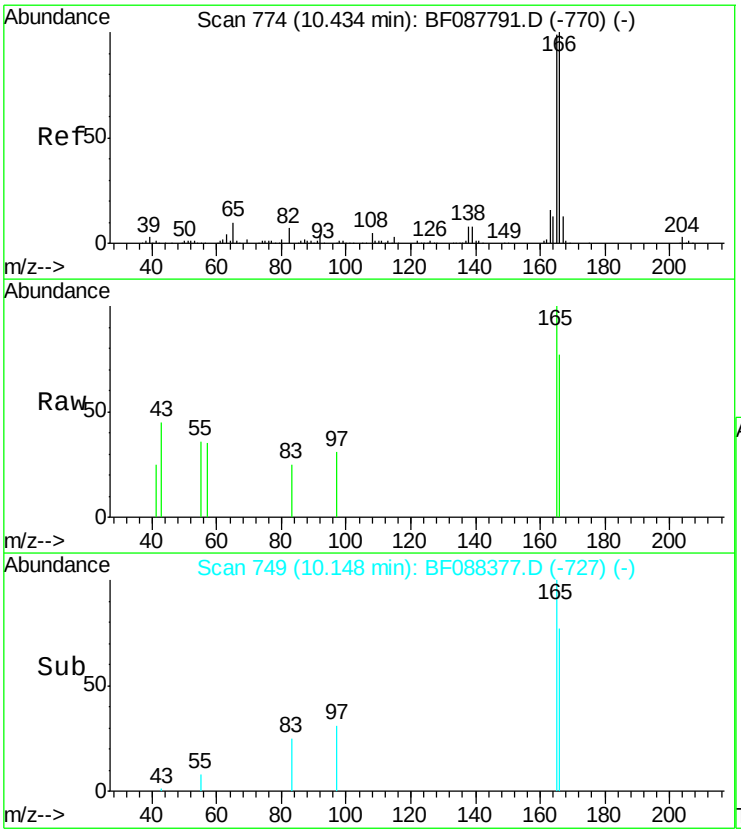
#56
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.26 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:165 Resp: 16844

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#

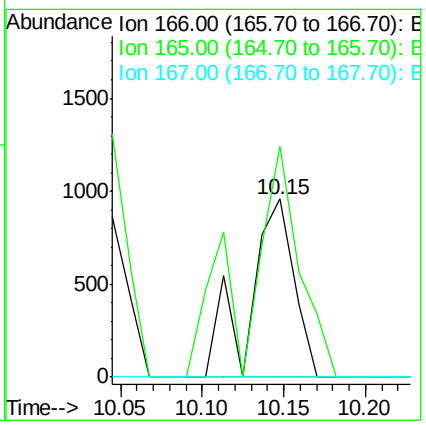


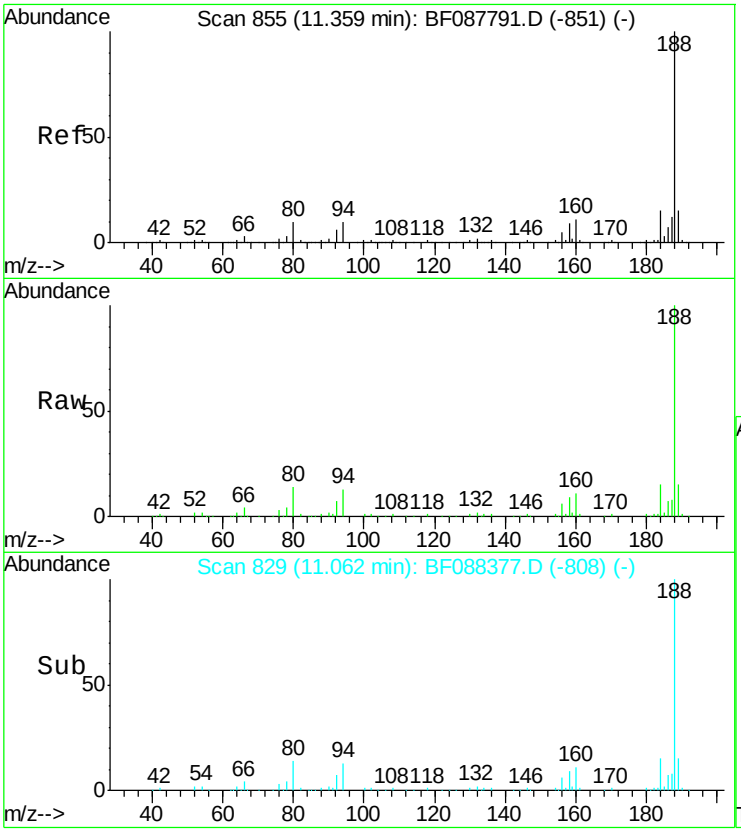


#57
Fluorene
Concen: Below Cal
RT: 10.15 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:166 Resp: 1821

Ion	Ratio	Lower	Upper
166	100		
165	129.4	77.8	116.8#
167	0.0	11.2	16.8#



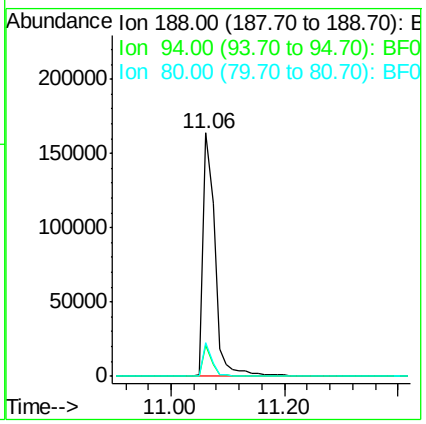


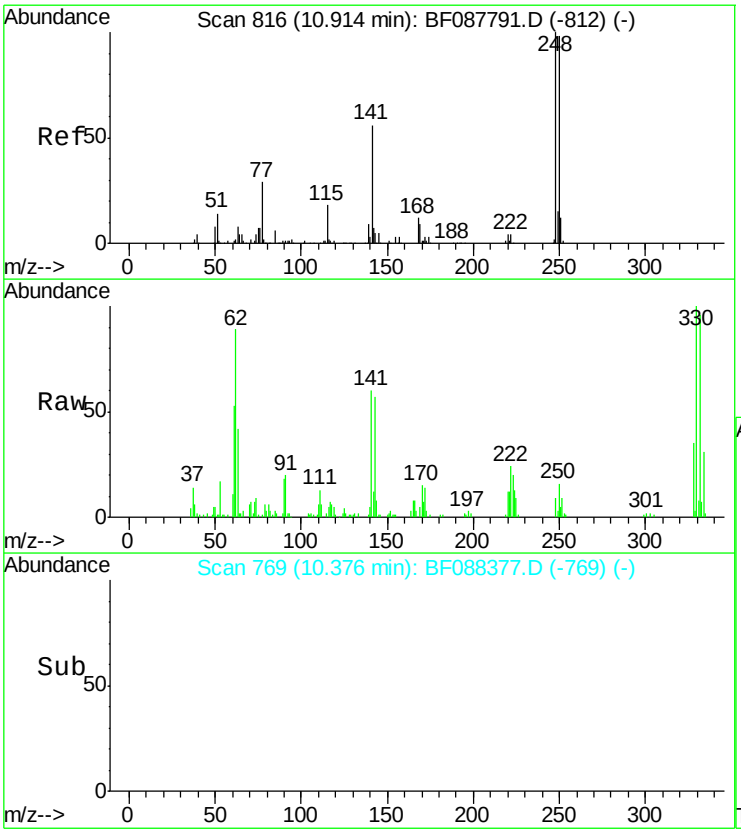
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:188 Resp: 228075

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

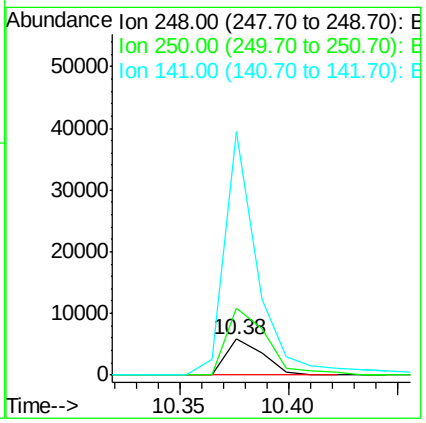


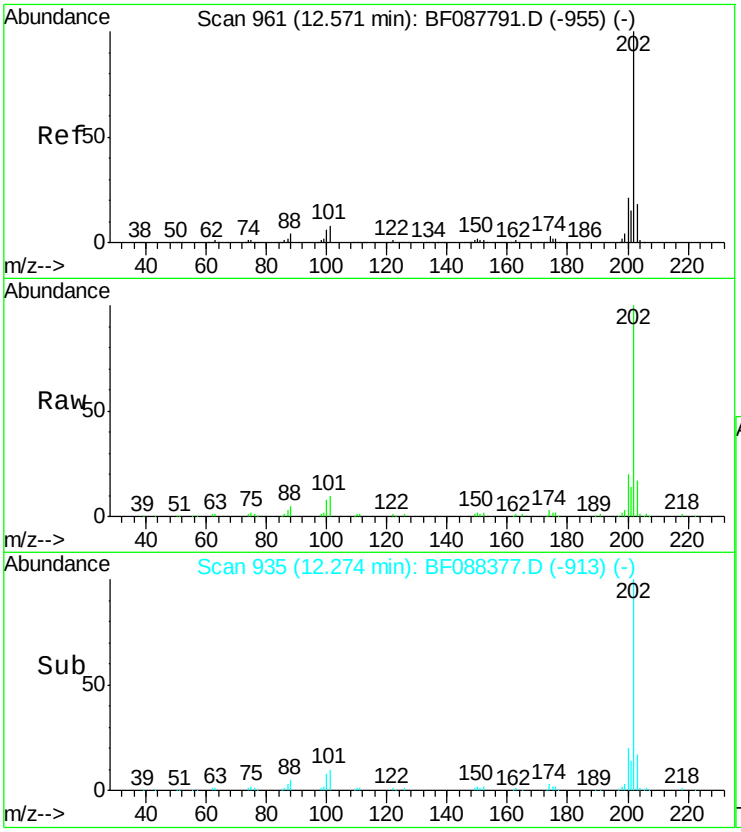


#66
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:248 Resp: 6883

Ion	Ratio	Lower	Upper
248	100		
250	186.6	77.1	115.7#
141	682.3	50.6	76.0#



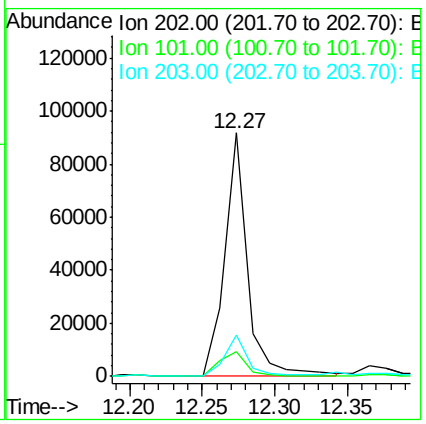


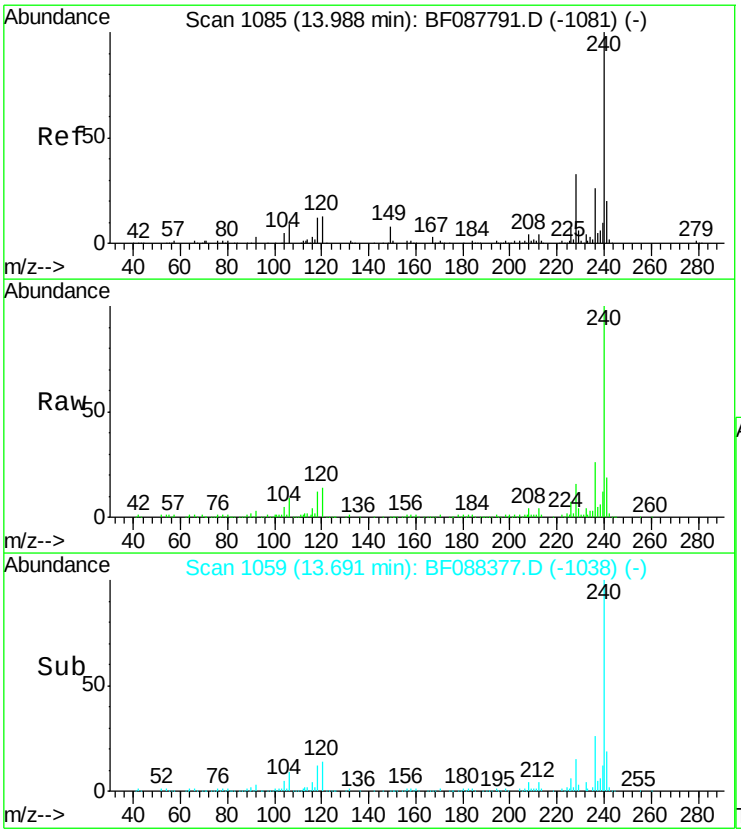
#74
Fluoranthene
Concen: 7.91 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:202 Resp: 99926

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	33.1
203	17.0	0.0	38.1

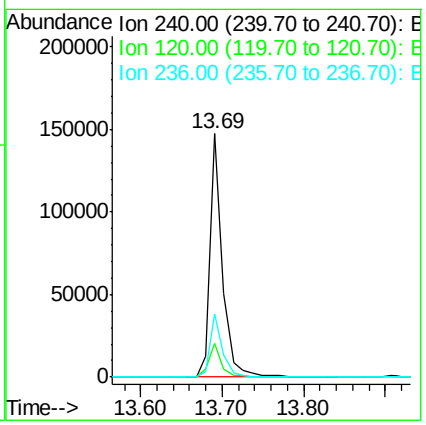


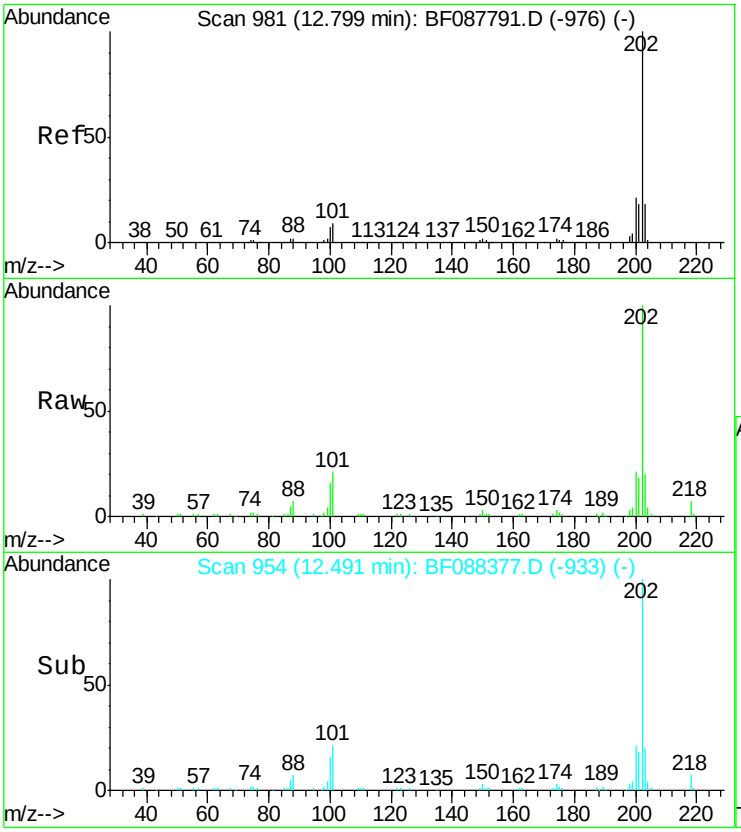


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:240 Resp: 158599

Ion	Ratio	Lower	Upper
240	100		
120	13.6	6.8	10.2#
236	25.9	20.2	30.2



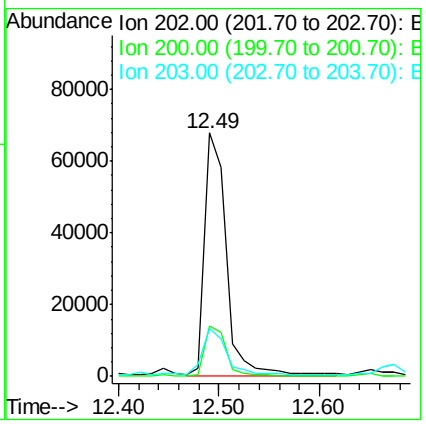


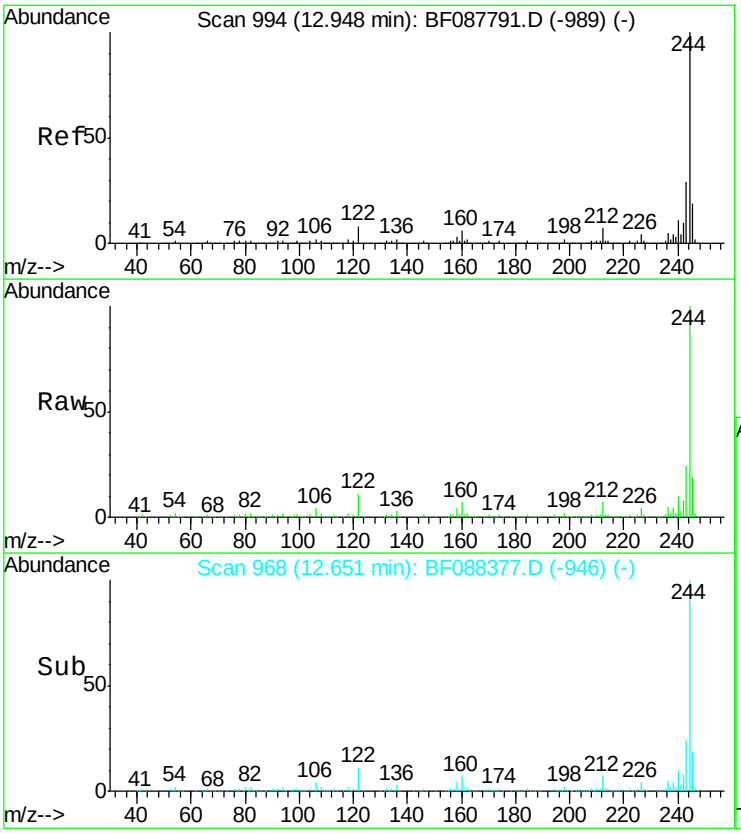
#77
Pyrene
Concen: 8.68 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:202 Resp: 102101

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	19.7	14.5	21.7

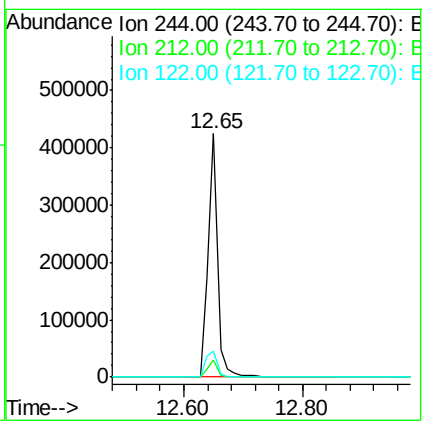


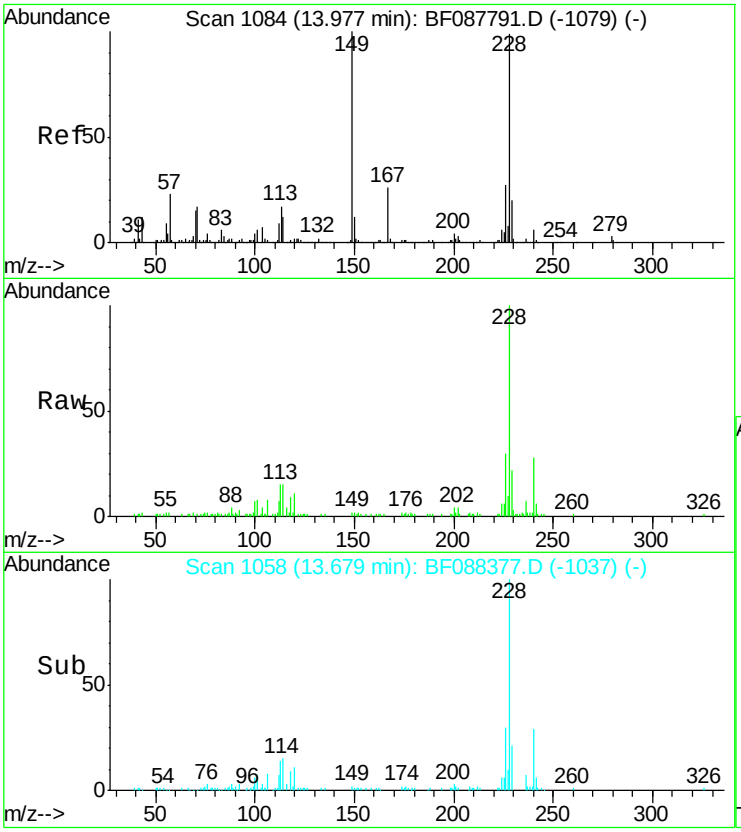


#78
Terphenyl-d14
Concen: 67.39 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:244 Resp: 469683

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	10.5	11.2	16.8#



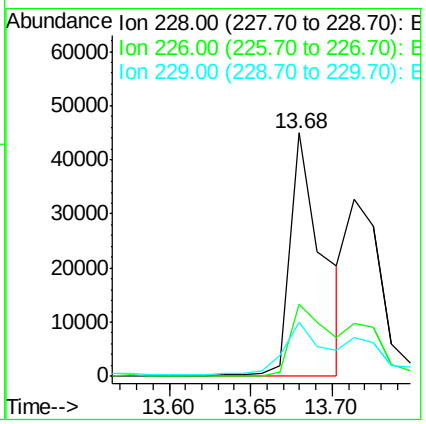


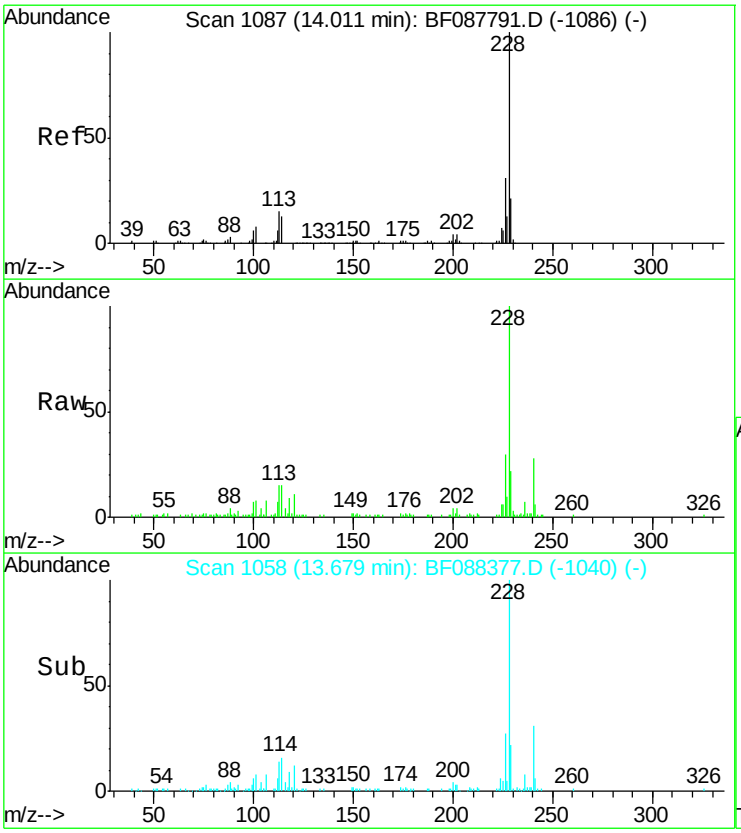
#80
Benzo(a)anthracene
Concen: 6.93 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:228 Resp: 62624

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	22.2	16.0	24.0

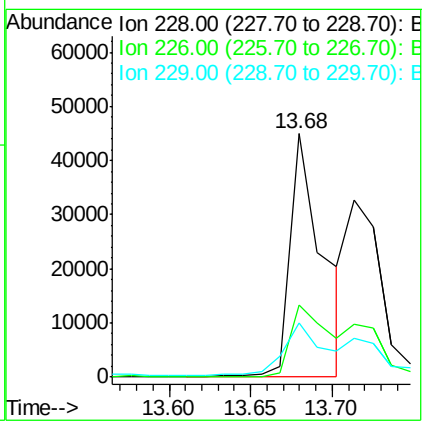


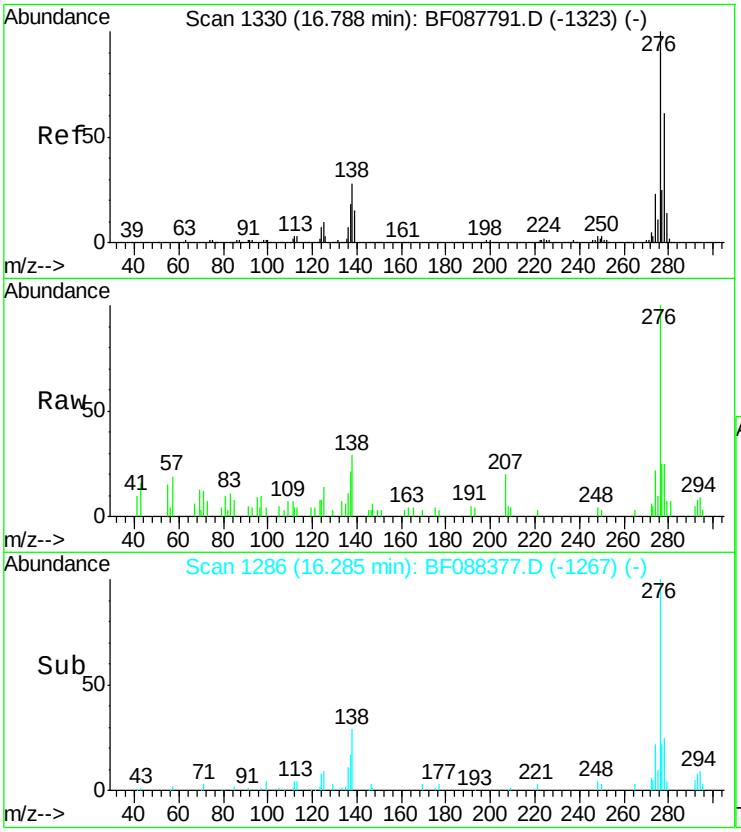


#82
Chrysene
Concen: 7.37 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.09 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:228 Resp: 62624

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	22.2	16.3	24.5



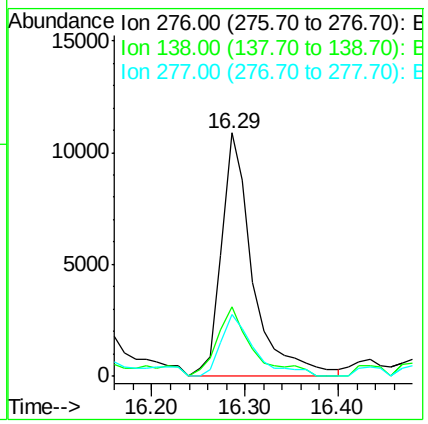


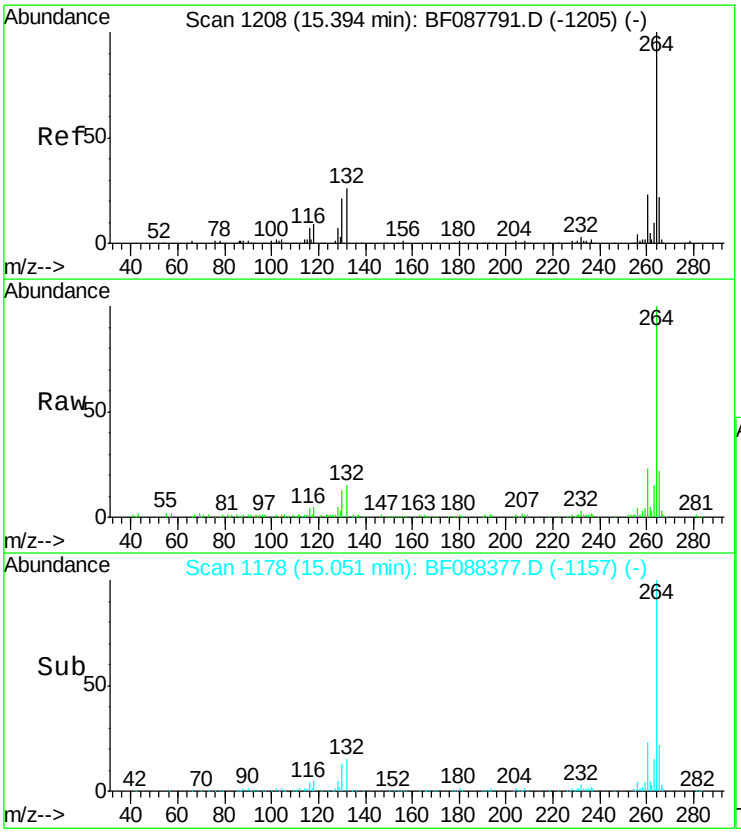
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:276 Resp: 25420

Ion	Ratio	Lower	Upper
276	100		
138	32.1	0.0	0.0#
277	27.3	0.0	0.0#

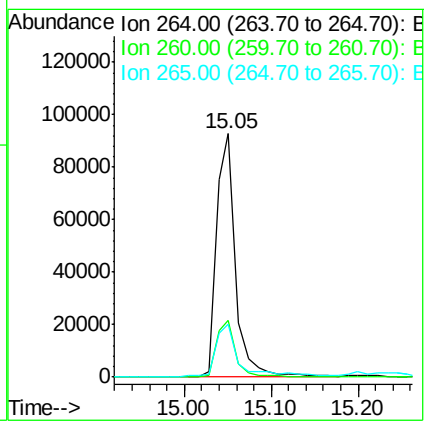


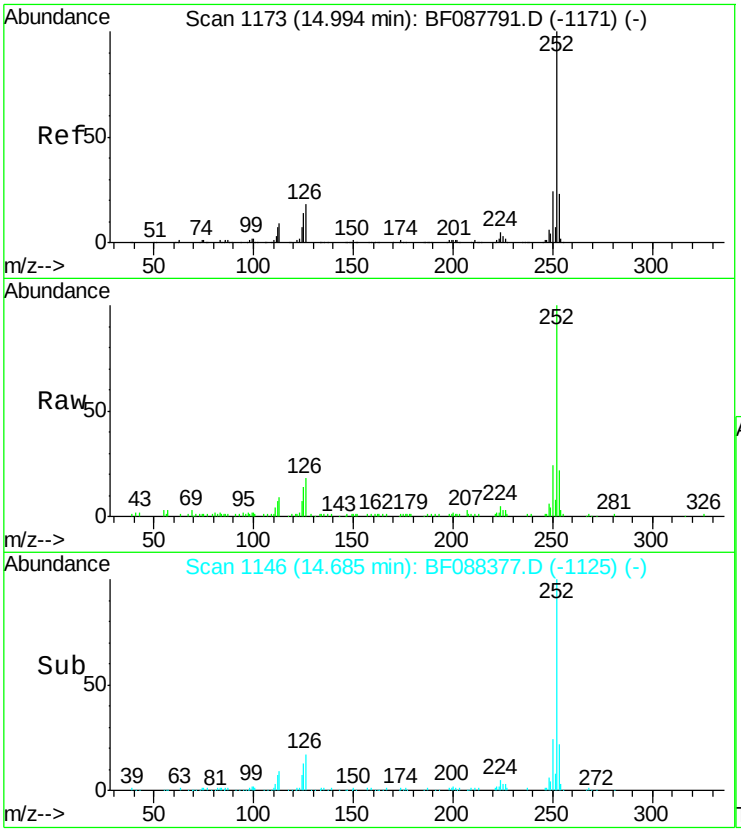


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:264 Resp: 143100

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	16.9	25.3



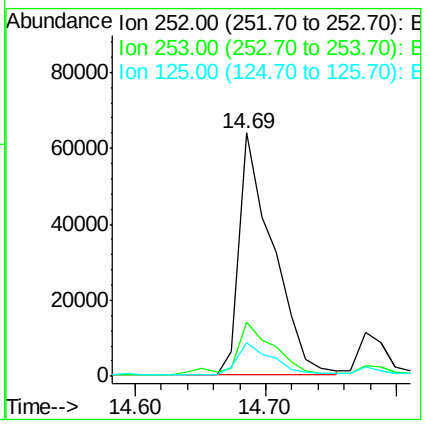


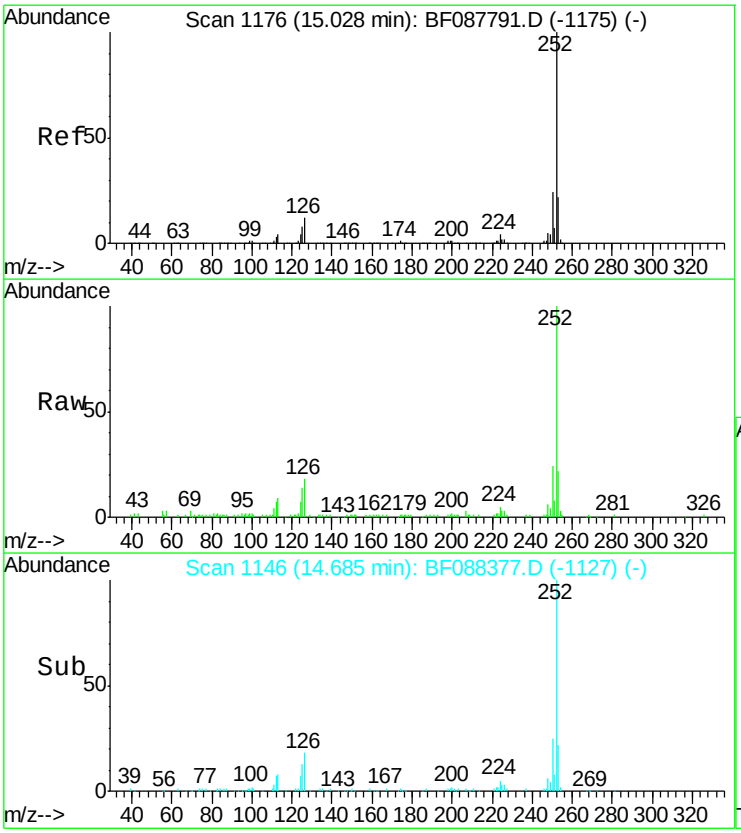
#87
Benzo(b)fluoranthene
Concen: 11.44 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:252 Resp: 114065

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	14.0	7.1	10.7#

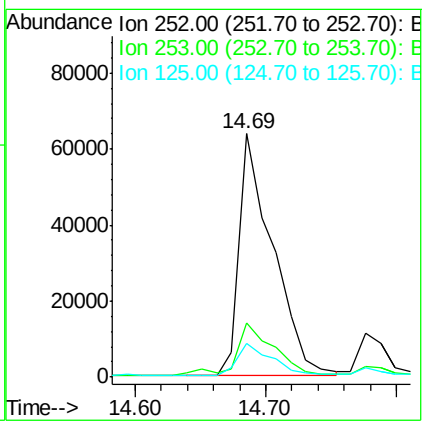


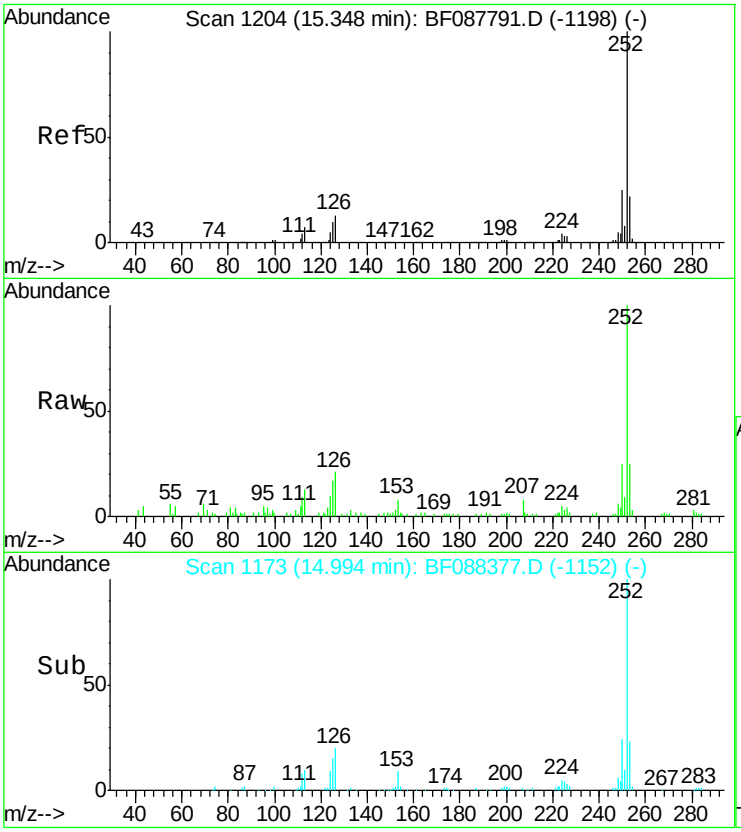


#88
Benzo(k)fluoranthene
Concen: 15.16 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:252 Resp: 114065

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	14.0	11.2	16.8



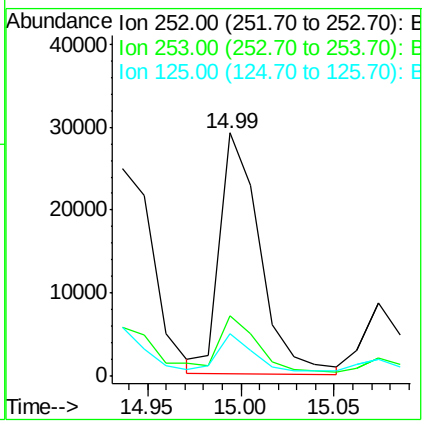


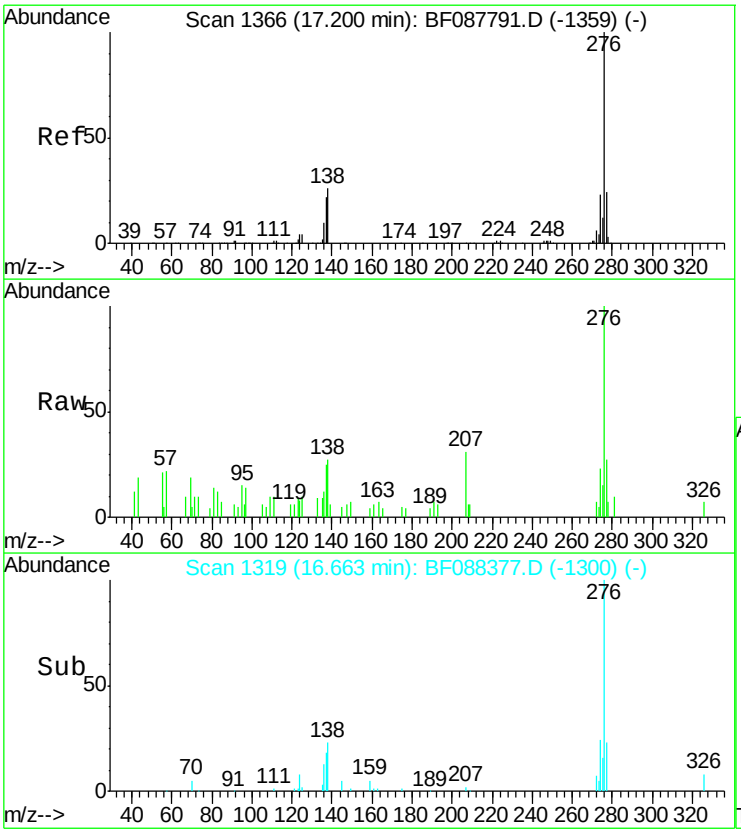
#89
Benzo(a)pyrene
Concen: 5.47 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SC-STA-1456(0-4)

Tgt Ion:252 Resp: 44163

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	17.5	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.67 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.08 min
Lab File: BF088377.D
Acq: 25 Jun 2016 15:18

Tgt Ion:276 Resp: 20604

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.9	28.3
138	26.9	21.4	32.2