Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088929.D
Acq On : 12 Jul 2016 20:00
Operator : UM/SJ
Sample : H3999-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SES-MS-PH3-COA-01

Quant Time: Jul 13 02:16:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	57839	20.00	ng		-0.01
21) Naphthalene-d8	7.99	136	247507	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	107014	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	148013	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	121067	20.00	ng		-0.01
86) Perylene-d12	15.21	264	122573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	21541	5.58	ng		0.01
7) Phenol-d6	6.34	99	35067	7.03	ng		-0.01
23) Nitrobenzene-d5	7.27	82	329425	69.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	6438	6.48	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	625514	92.33	ng		0.00
78) Terphenyl-d14	12.80	244	379156	69.76	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	1247	0.37	ng	#	73
10) Phenol	6.35	94	2250	0.40	ng		75
15) Benzyl Alcohol	6.86	79	6257	1.70	ng	#	45
19) n-Nitroso-di-n-propylamine	7.27	70	45565	13.60	ng	#	73
24) Nitrobenzene	7.27	77	972	0.20	ng	#	28
25) Isophorone	7.27	82	244870	27.99	ng	#	65
31) Naphthalene	8.11	128	215	0.02	ng	#	1
36) 4-Chloro-3-methylphenol	8.56	107	340	0.09	ng	#	19
45) 1,1'-Biphenyl	9.07	154	1092	0.12	ng	#	1
47) 2-Nitroaniline	9.46	65	255	0.10	ng	#	1
48) Acenaphthylene	9.60	152	466	0.04	ng	#	60
49) Dimethylphthalate	9.46	163	26898	3.53	ng		99
50) 2,6-Dinitrotoluene	9.74	165	13724	8.12	ng	#	37
51) Acenaphthene	9.74	154	309	0.05	ng	#	5
56) 2,4-Dinitrotoluene	9.74	165	13724	6.21	ng	#	36
59) Diethylphthalate	10.16	149	1861	0.24	ng	#	86
66) 4-Bromophenyl-phenylether	10.51	248	487	0.33	ng	#	1
73) Di-n-butylphthalate	11.78	149	2716	0.31	ng	#	77
74) Fluoranthene	12.64	202	226	0.03	ng		62
77) Pyrene	12.64	202	226	0.02	ng	#	56
79) Butylbenzylphthalate	13.27	149	482	0.11	ng	#	64
80) Benzo(a)anthracene	13.84	228	209	0.03	ng	#	51
82) Chrysene	13.84	228	209	0.03	ng	#	48
83) Bis(2-ethylhexyl)phthalate	13.84	149	16084	3.08	ng	#	100
84) Di-n-octyl phthalate	14.41	149	442	0.05	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	421	0.05	ng	#	60
88) Benzo(k)fluoranthene	14.82	252	421	0.06	ng	#	58
89) Benzo(a)pyrene	15.21	252	333	0.05	ng	#	17

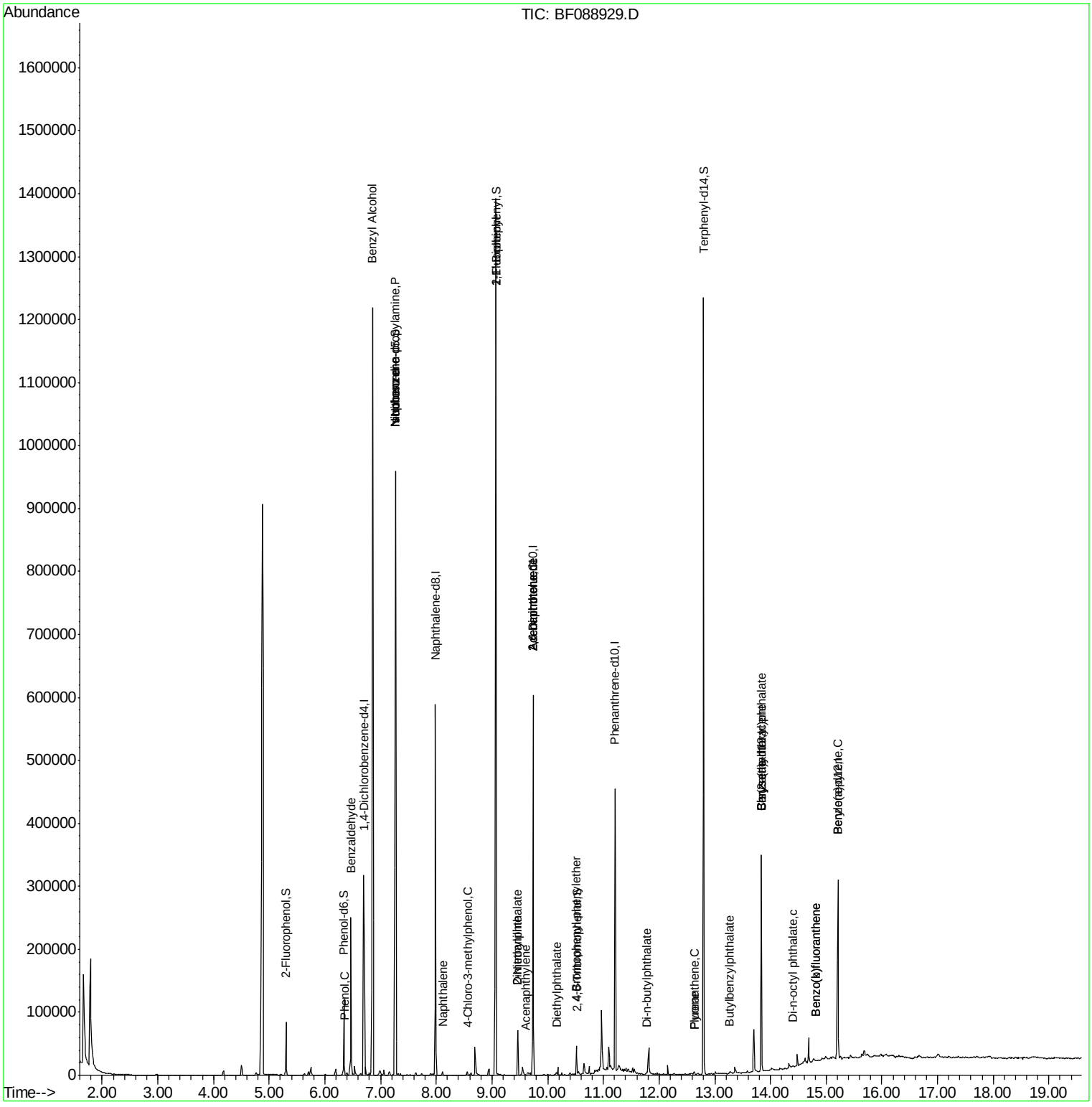
(#) = qualifier out of range (m) = manual integration (+) = signals summed

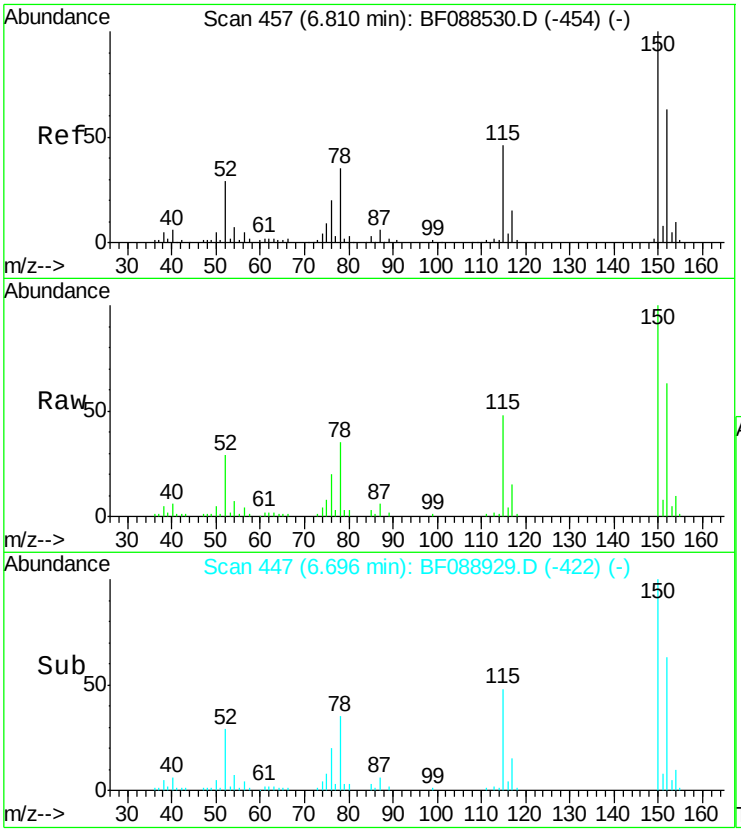
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088929.D
Acq On : 12 Jul 2016 20:00
Operator : UM/SJ
Sample : H3999-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Quant Time: Jul 13 02:16:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



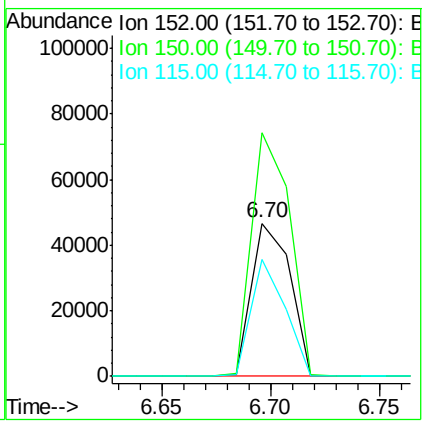


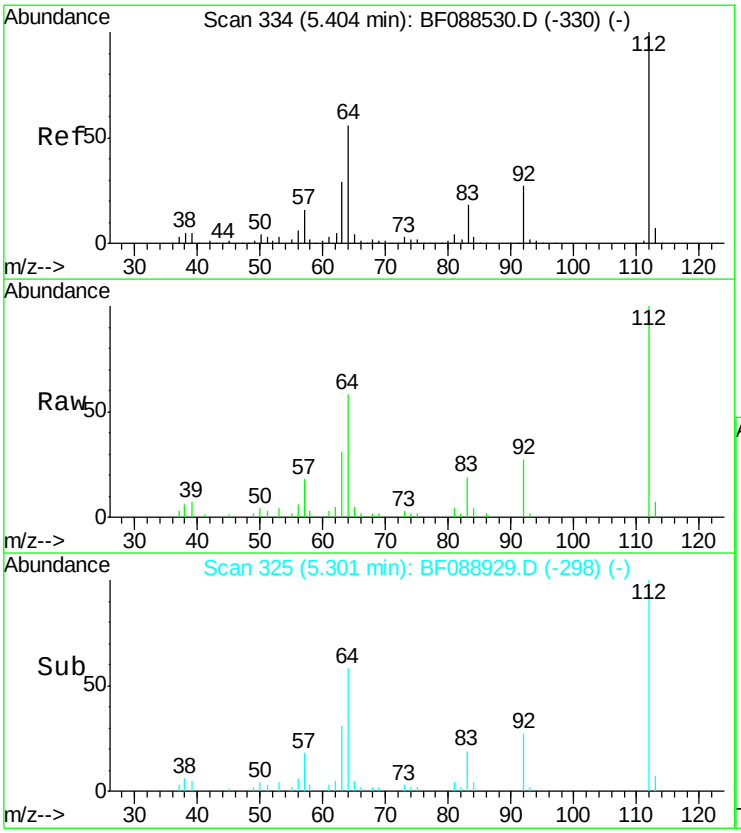
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:152 Resp: 57839

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	76.0	39.6	59.4#

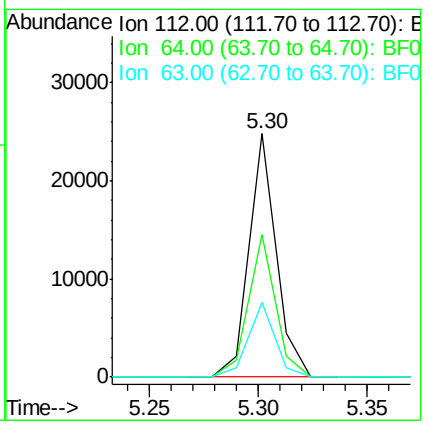


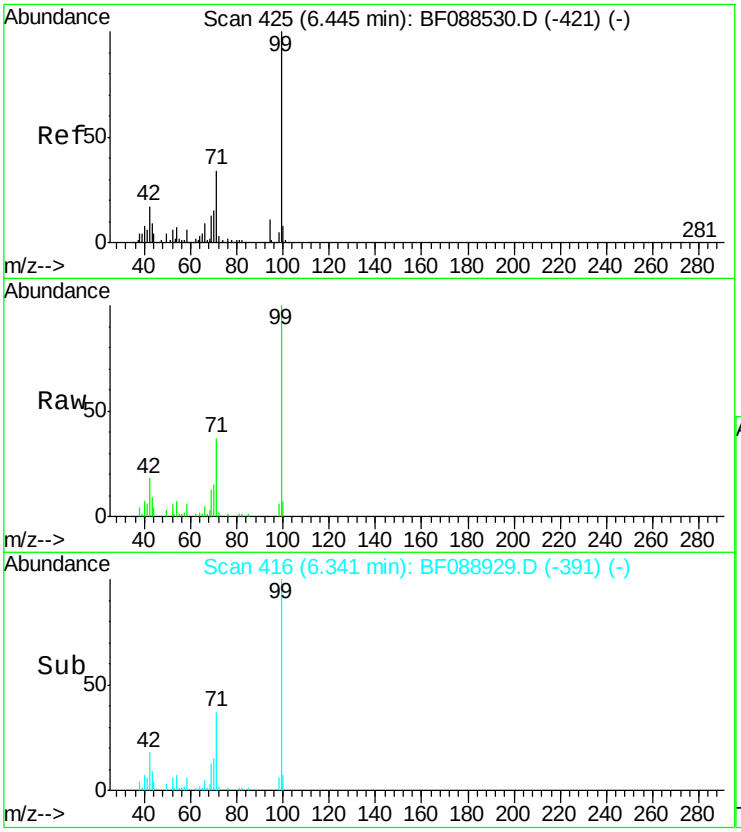


#5
2-Fluorophenol
Concen: 5.58 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:112 Resp: 21541

Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.2	63.2
63	30.7	21.8	32.8



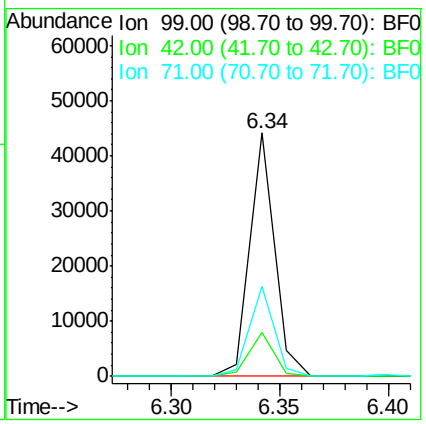


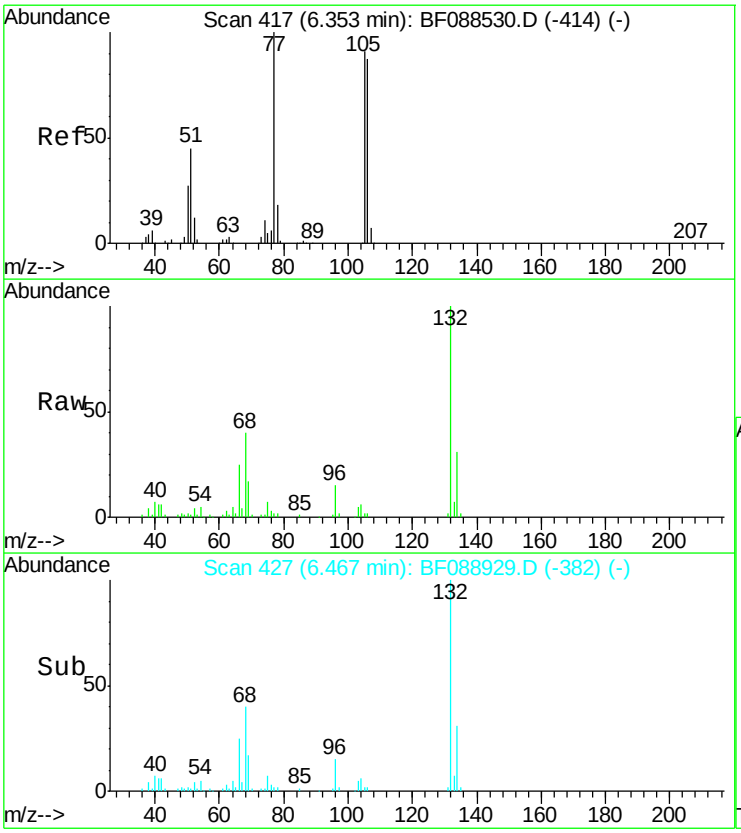
#7
Phenol-d6
Concen: 7.03 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion: 99 Resp: 35067

Ion	Ratio	Lower	Upper
99	100		
42	18.3	12.2	18.2#
71	36.9	23.4	35.0#

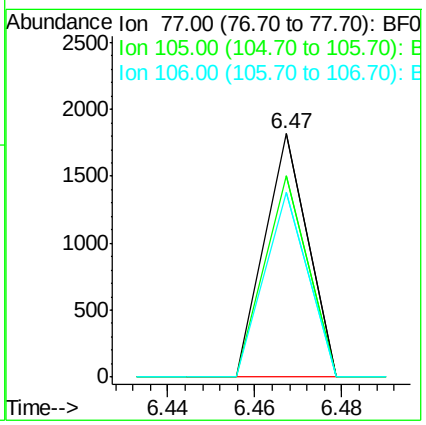


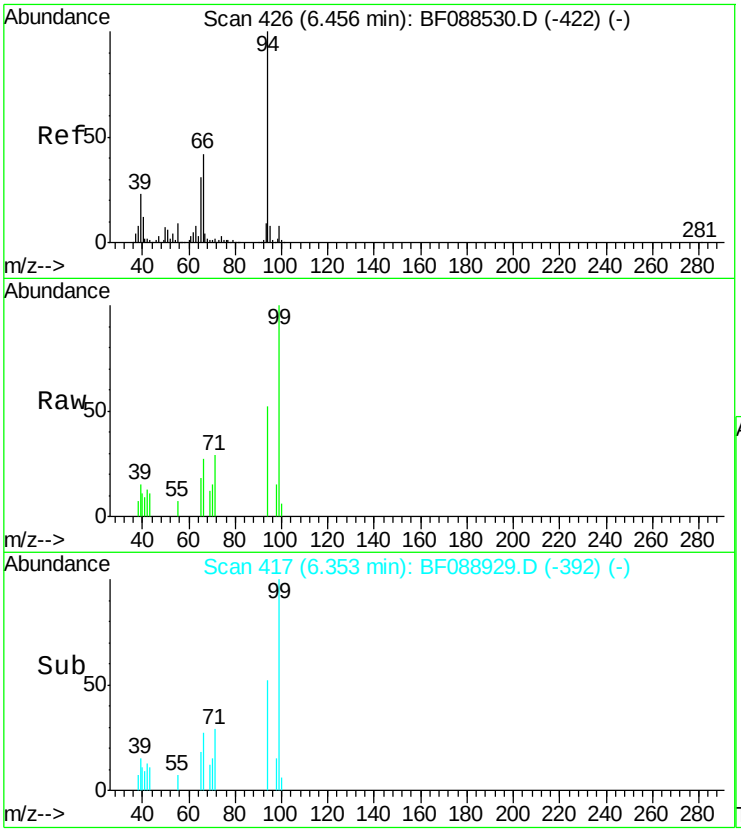


#9
Benzaldehyde
Concen: 0.37 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.22 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion: 77 Resp: 1247

Ion	Ratio	Lower	Upper
77	100		
105	82.9	90.6	130.6#
106	75.9	85.3	125.3#



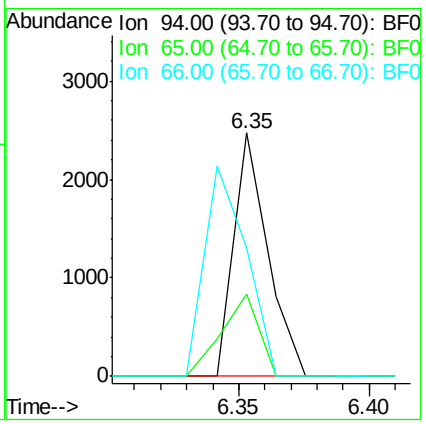


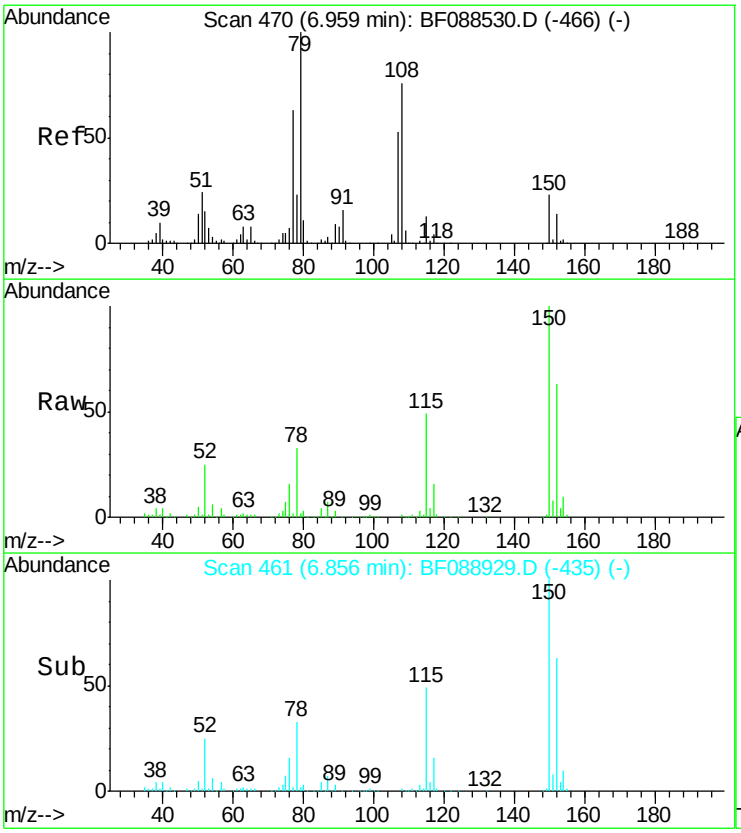
#10
Phenol
Concen: 0.40 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion: 94 Resp: 2250

Ion	Ratio	Lower	Upper
94	100		
65	34.1	5.9	45.9
66	52.5	14.0	54.0

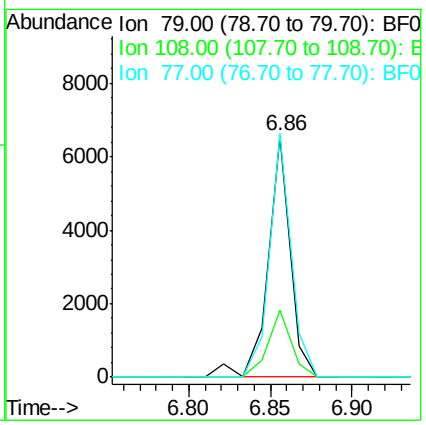


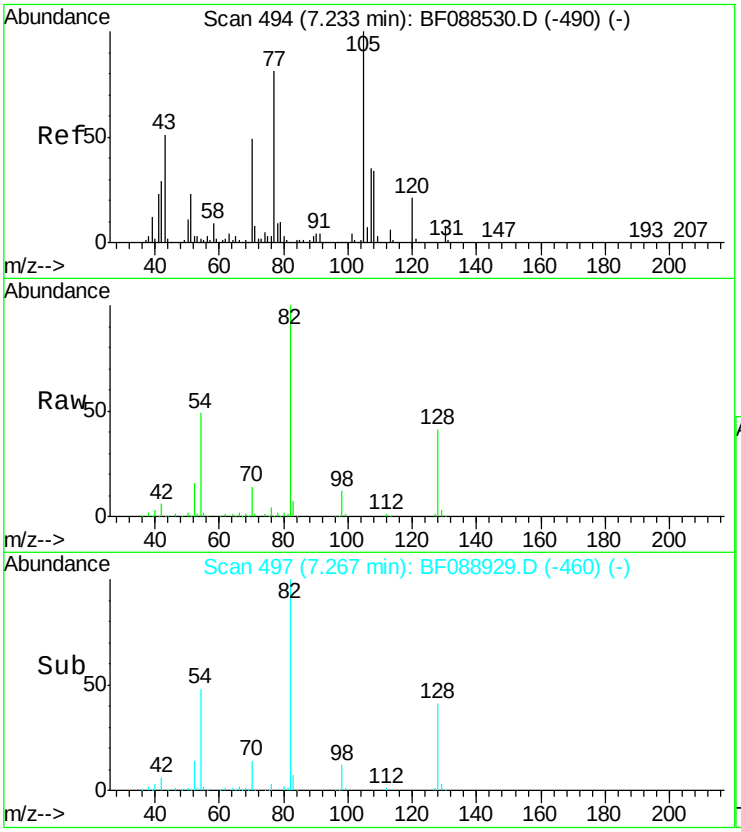


#15
Benzyl Alcohol
Concen: 1.70 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion: 79 Resp: 6257

Ion	Ratio	Lower	Upper
79	100		
108	27.5	65.0	97.6#
77	100.8	50.3	75.5#



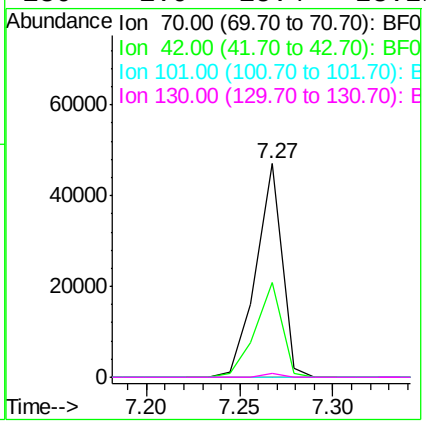


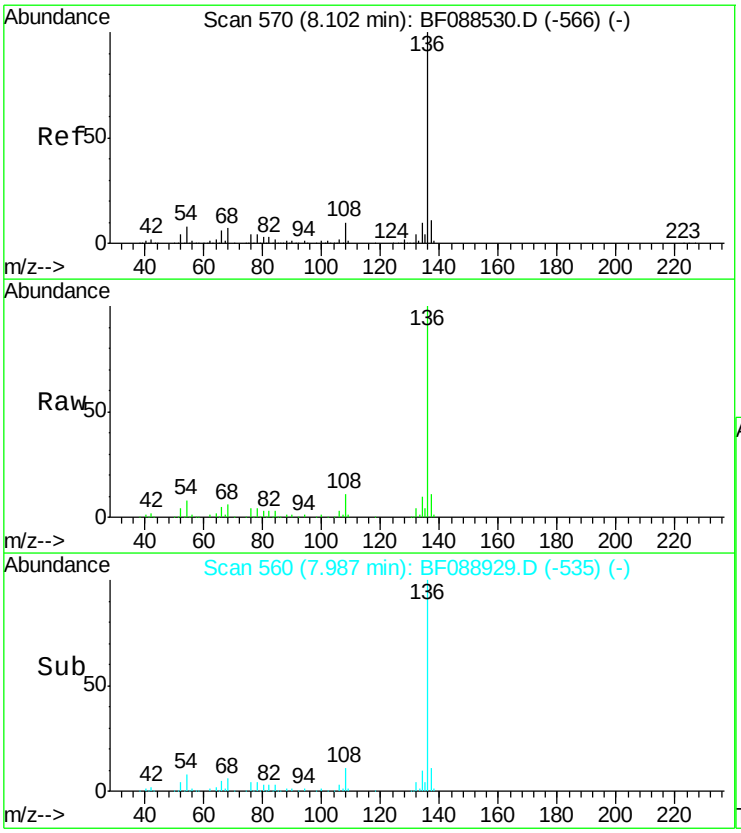
#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion: 70 Resp: 45565

Ion	Ratio	Lower	Upper
70	100		
42	44.1	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#

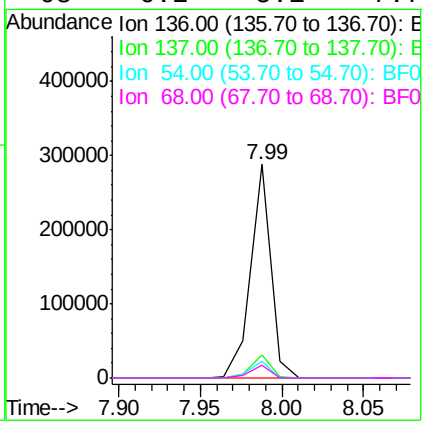


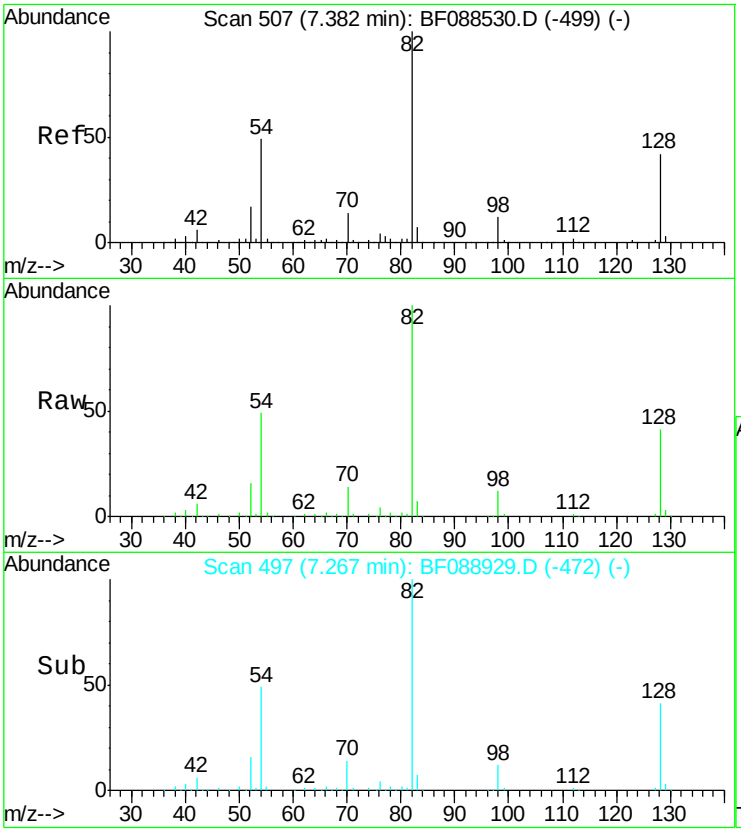


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:136 Resp: 247507

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.6	6.6	10.0
68	6.2	5.1	7.7



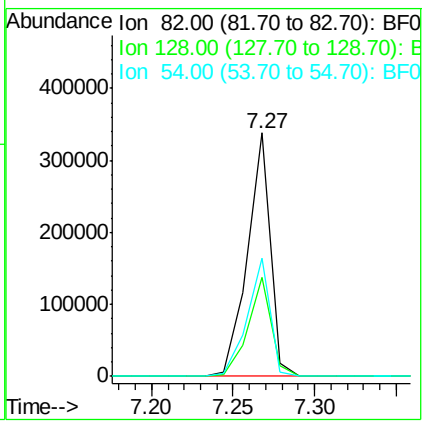


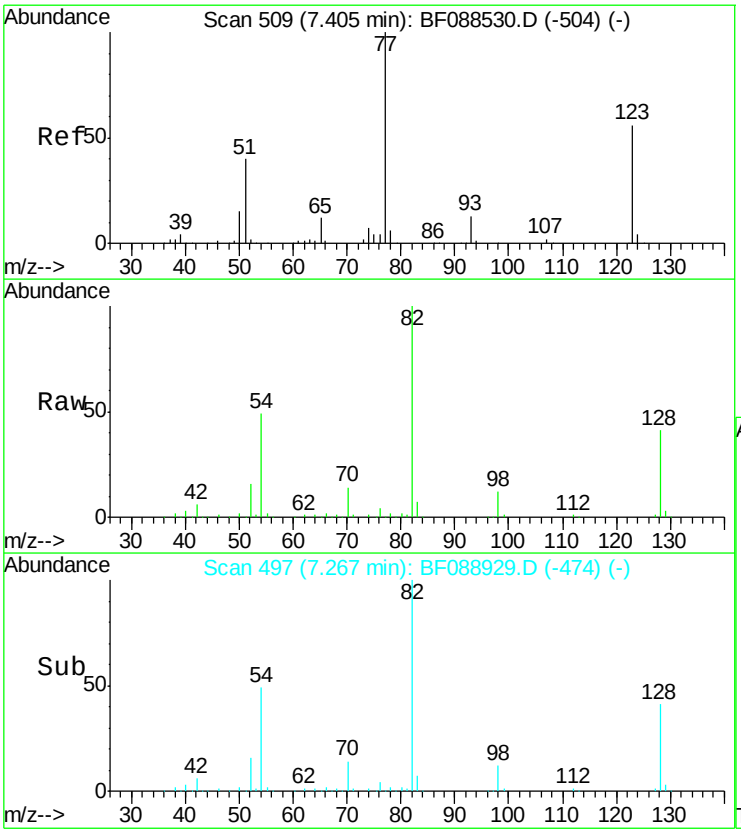
#23
Nitrobenzene-d5
Concen: 69.75 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion: 82 Resp: 329425

Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	48.7	40.9	61.3

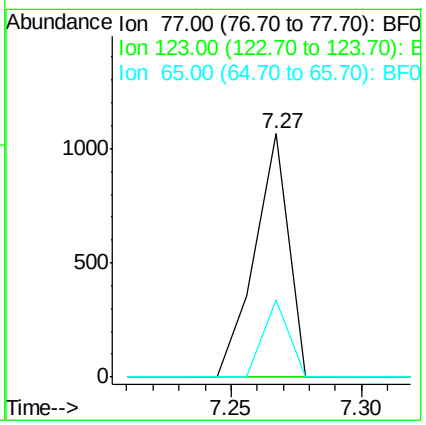


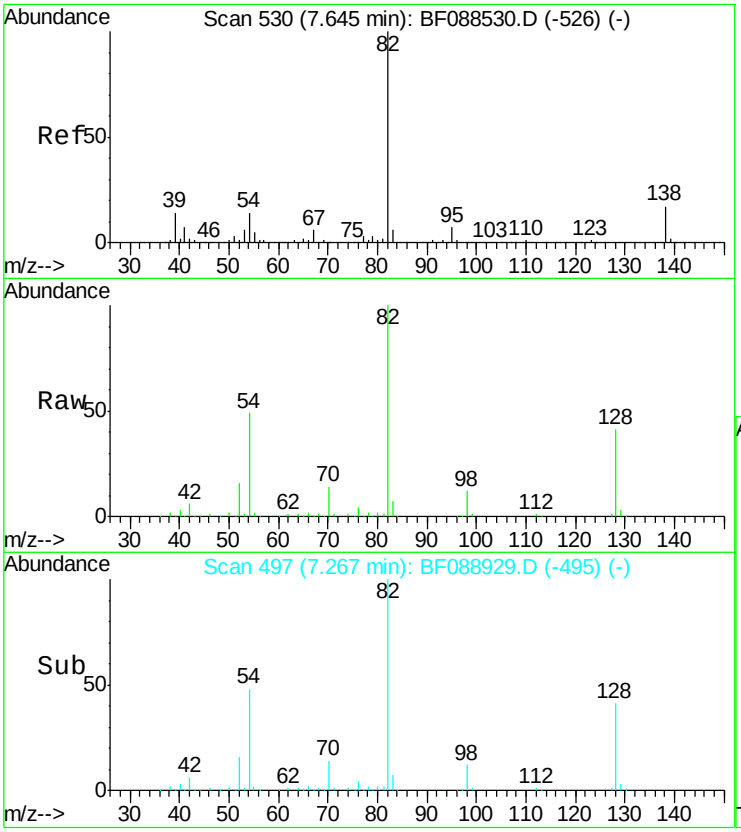


#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion: 77 Resp: 972

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	31.7	10.2	15.2#



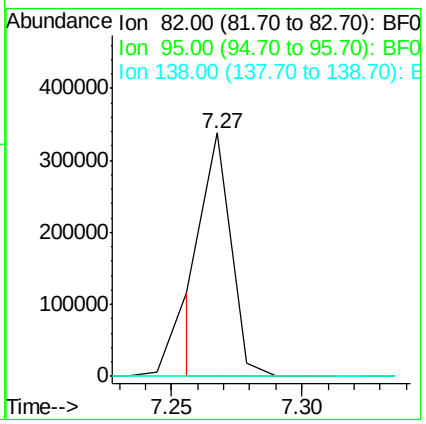


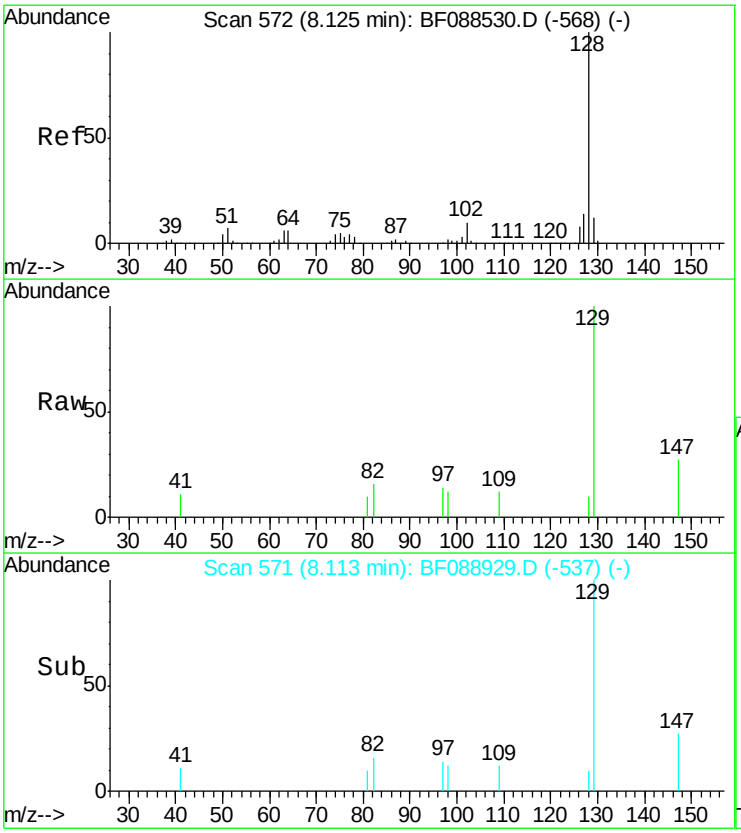
#25
Isophorone
Concen: 27.99 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion: 82 Resp: 244870

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

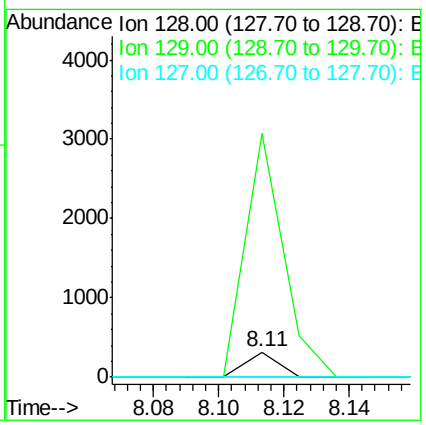


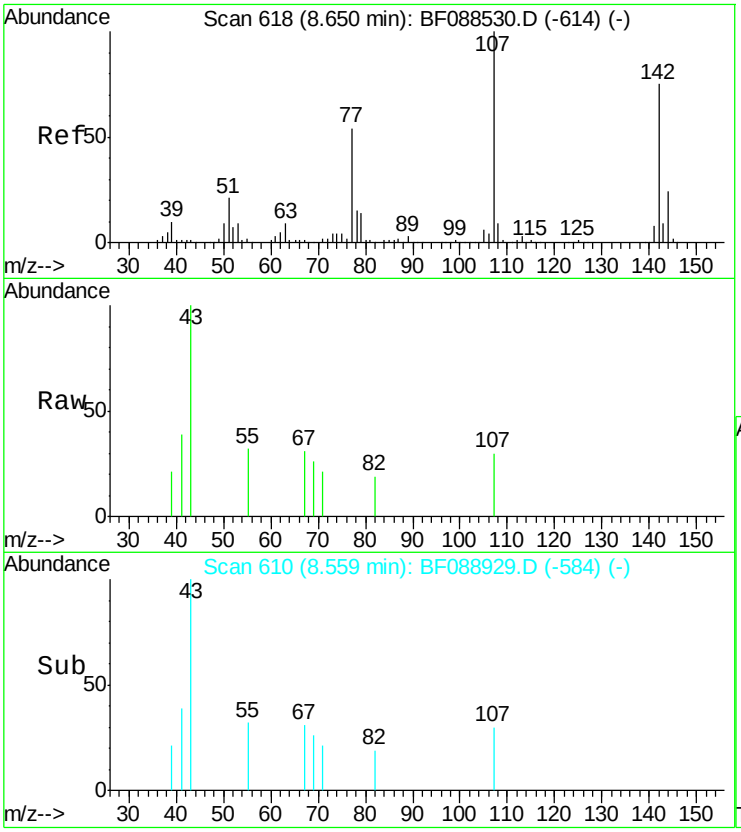


#31
Naphthalene
Concen: 0.02 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.09 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:128 Resp: 215

Ion	Ratio	Lower	Upper
128	100		
129	978.0	9.4	14.2#
127	0.0	10.9	16.3#



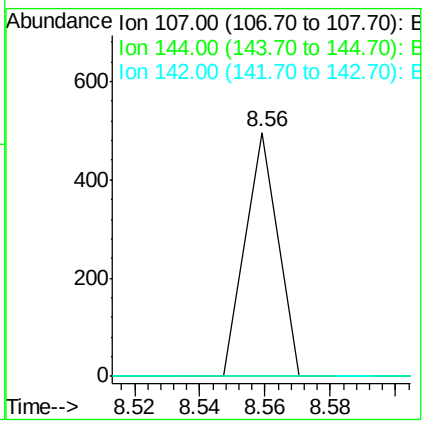


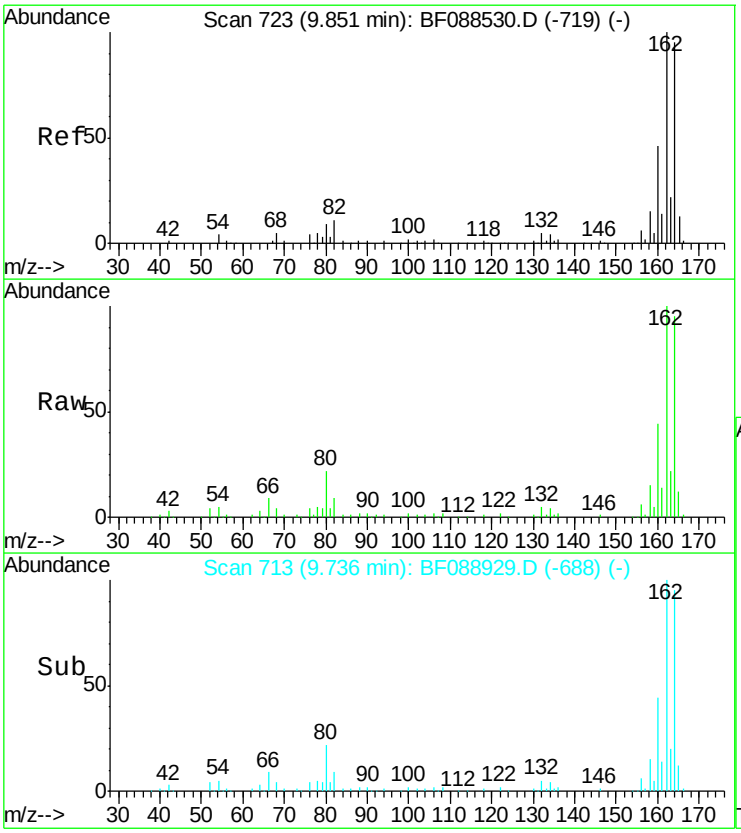
#36
4-Chloro-3-methylphenol
Concen: 0.09 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:107 Resp: 340

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	63.4	95.2#

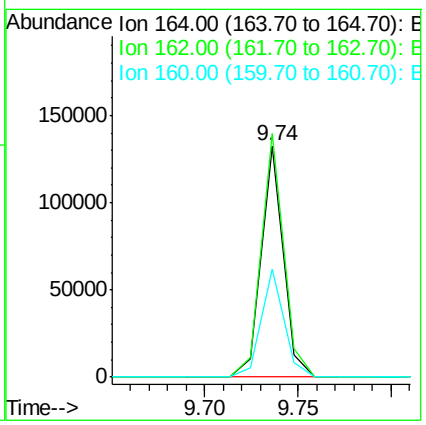


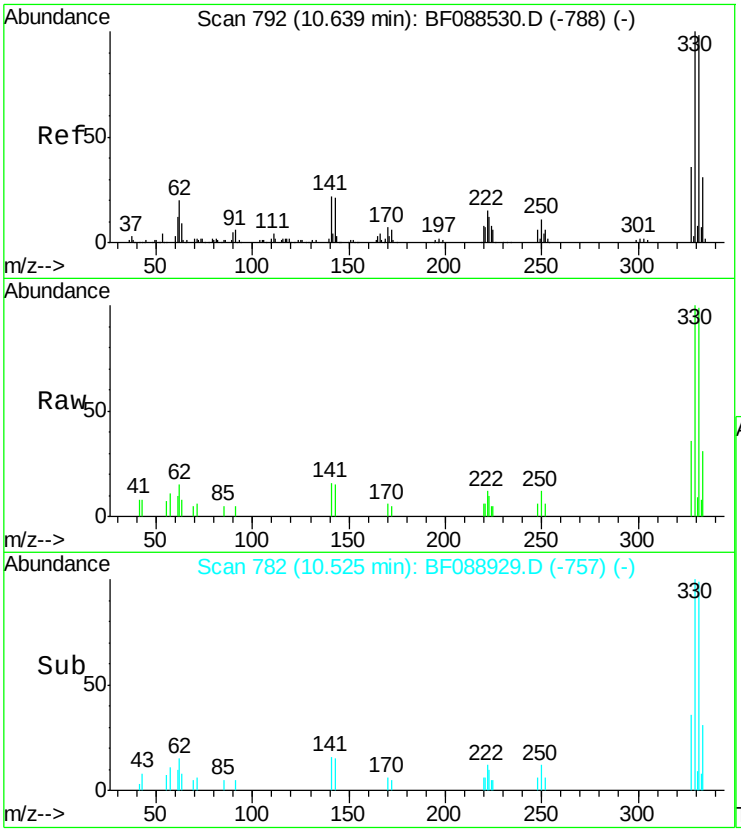


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:164 Resp: 107014

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.6	39.5	59.3



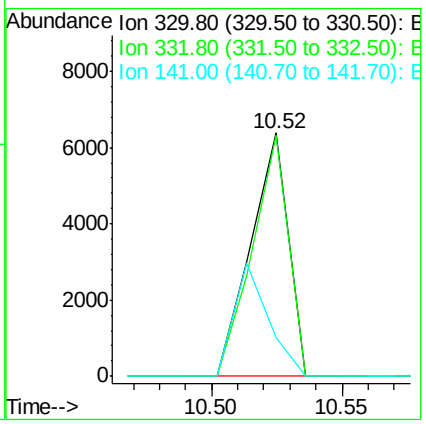


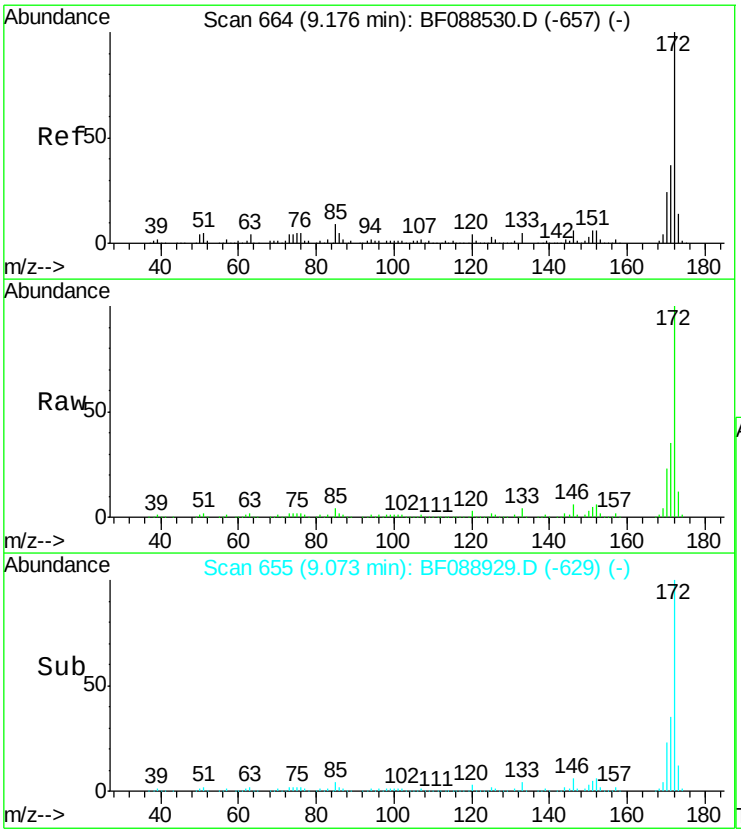
#41
2,4,6-Tribromophenol
Concen: 6.48 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:330 Resp: 6438

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	42.5	0.0	0.0#

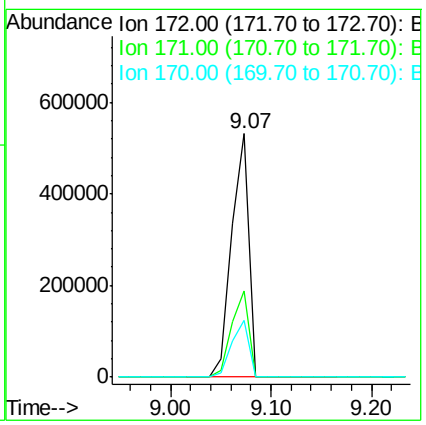


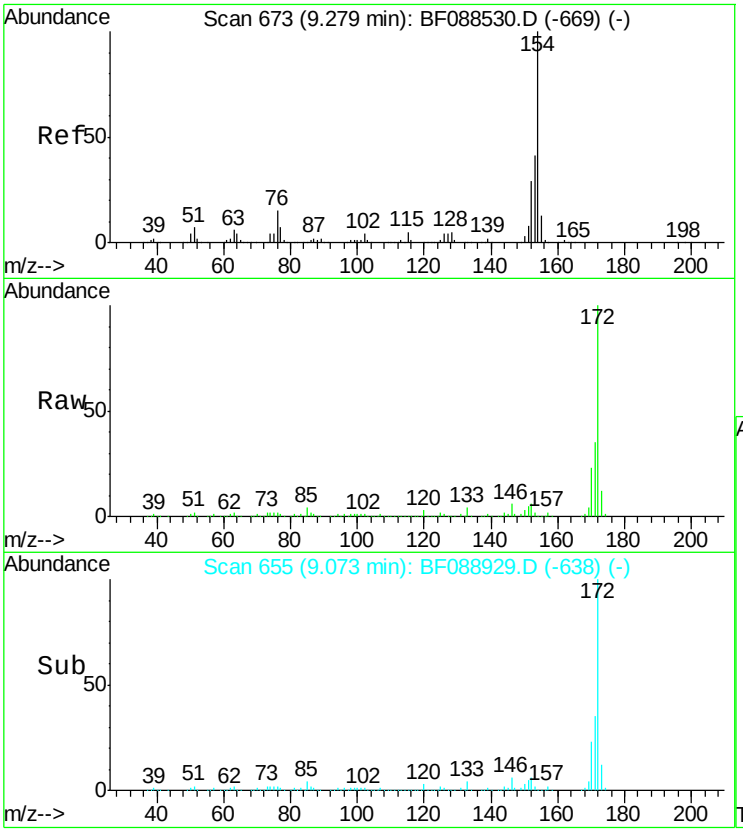


#44
2-Fluorobiphenyl
Concen: 92.33 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:172 Resp: 625514

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.2	28.8



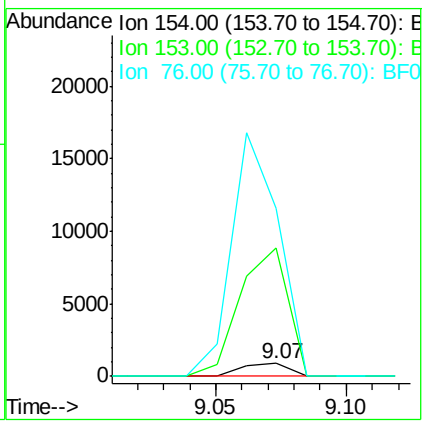


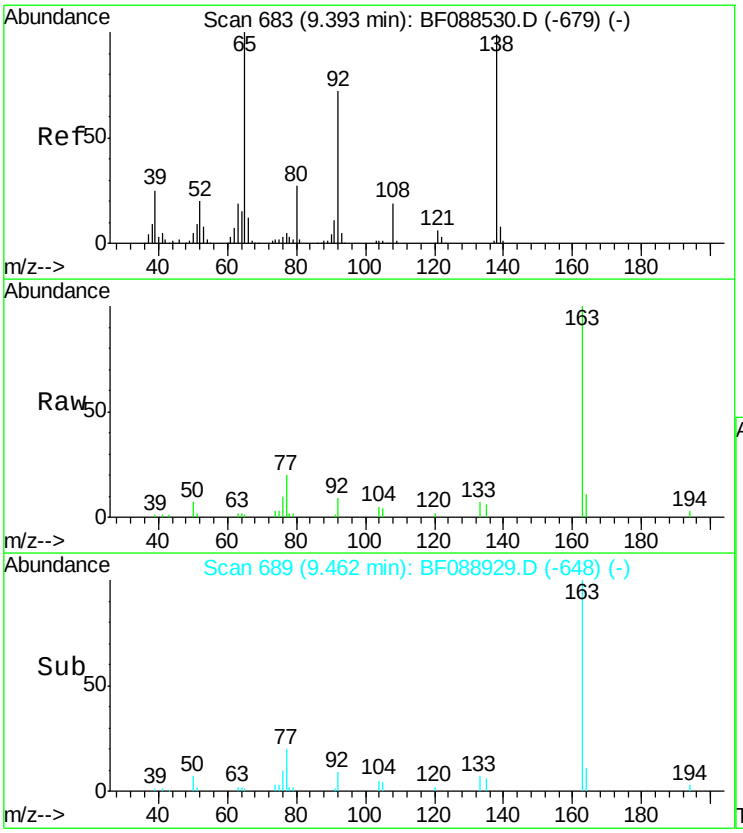
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:154 Resp: 1092

Ion	Ratio	Lower	Upper
154	100		
153	994.2	20.6	60.6#
76	1305.3	0.0	35.1#

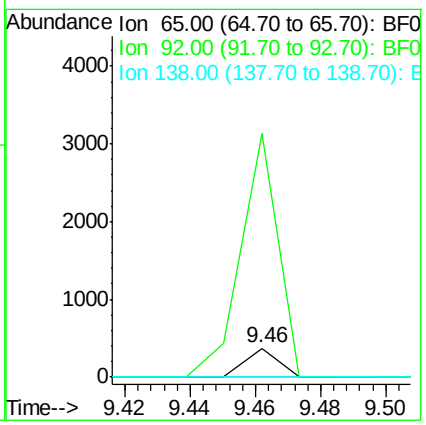


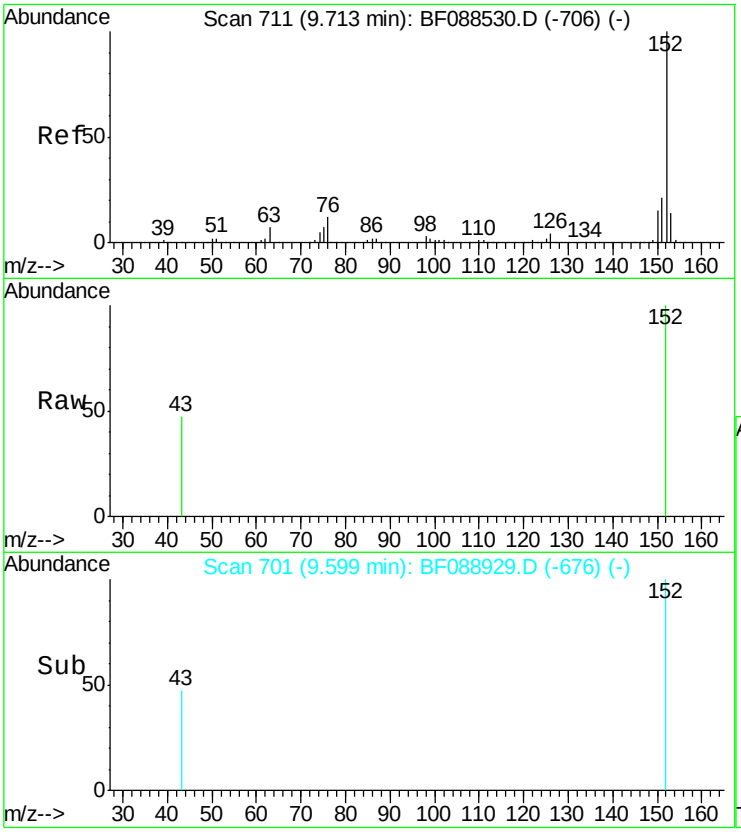


#47
2-Nitroaniline
Concen: 0.10 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion: 65 Resp: 255

Ion	Ratio	Lower	Upper
65	100		
92	842.2	54.6	82.0#
138	0.0	77.0	115.4#



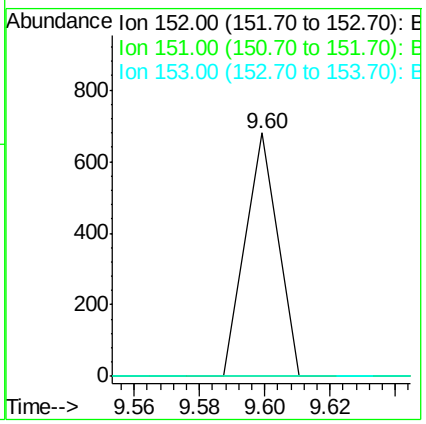


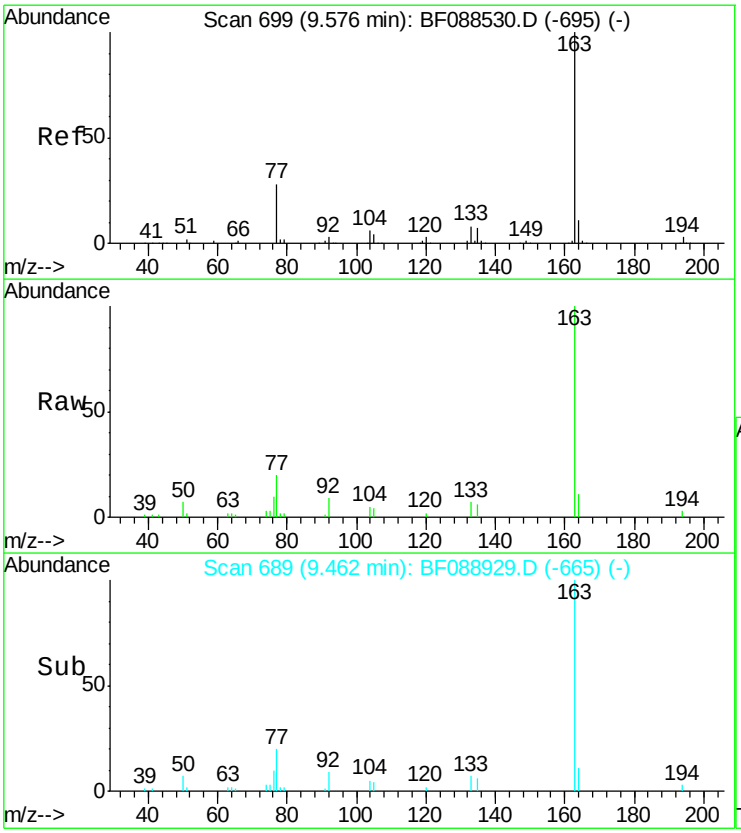
#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:152 Resp: 466

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.4#
153	0.0	11.0	16.6#

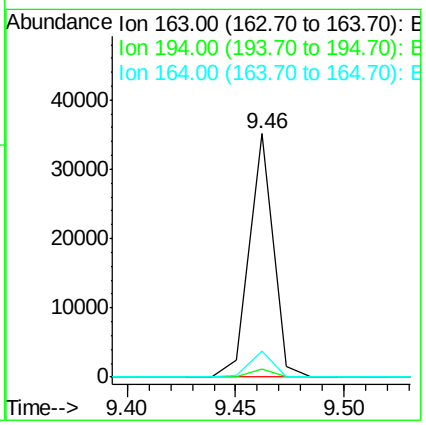


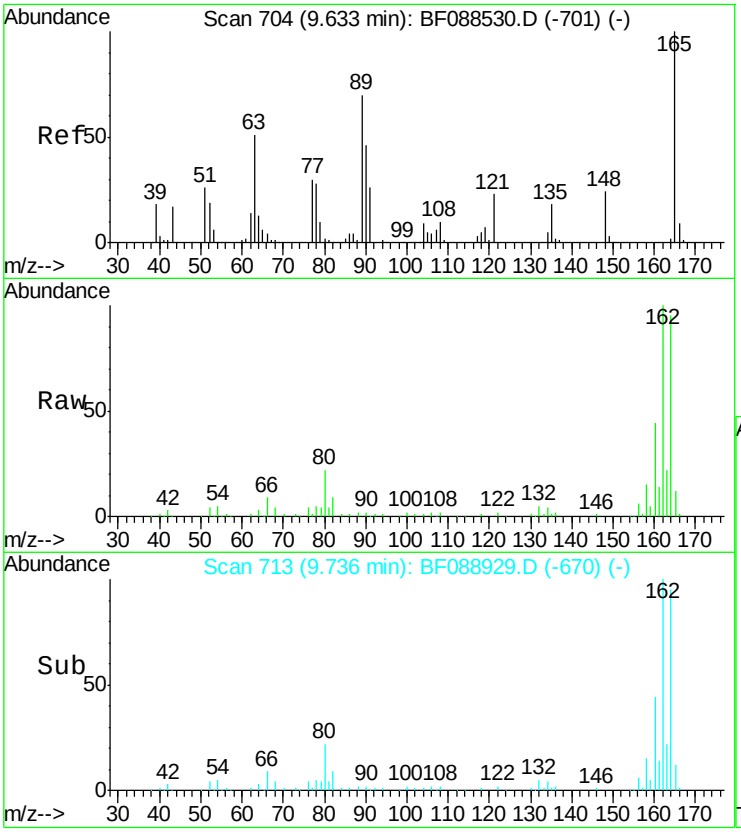


#49
Dimethylphthalate
Concen: 3.53 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:163 Resp: 26898

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.9	8.3	12.5



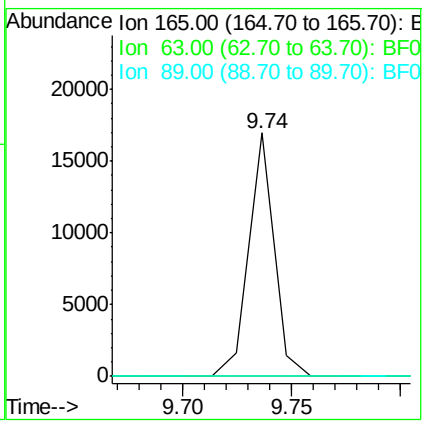


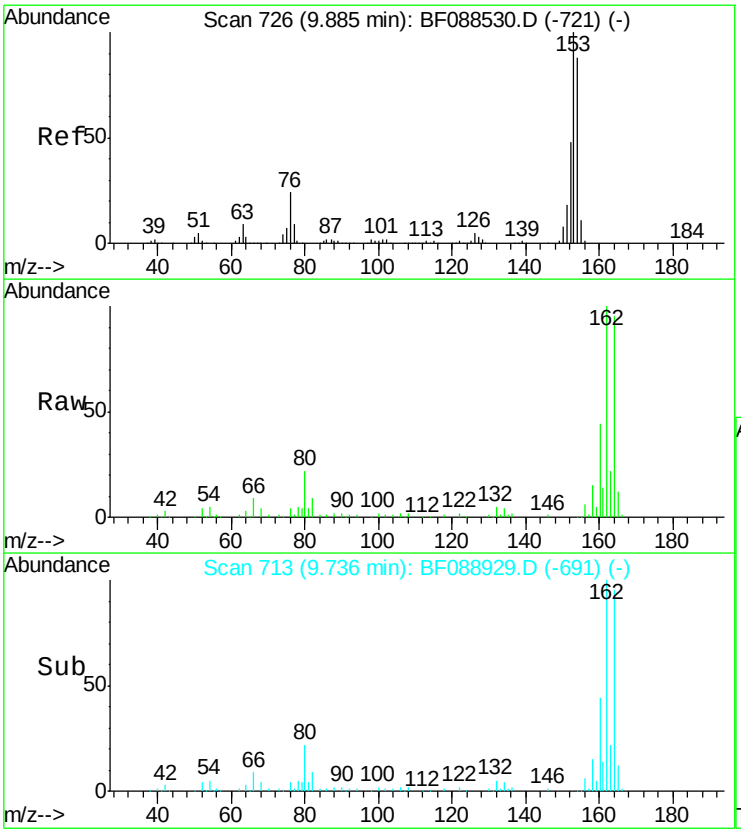
#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:165 Resp: 13724

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

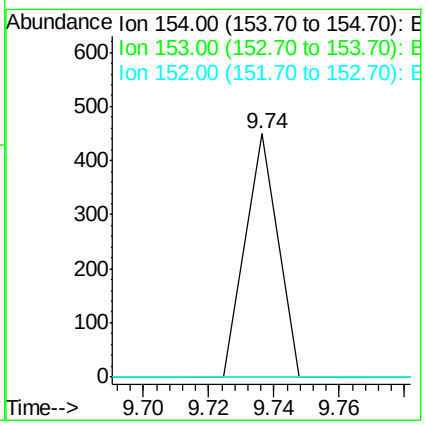


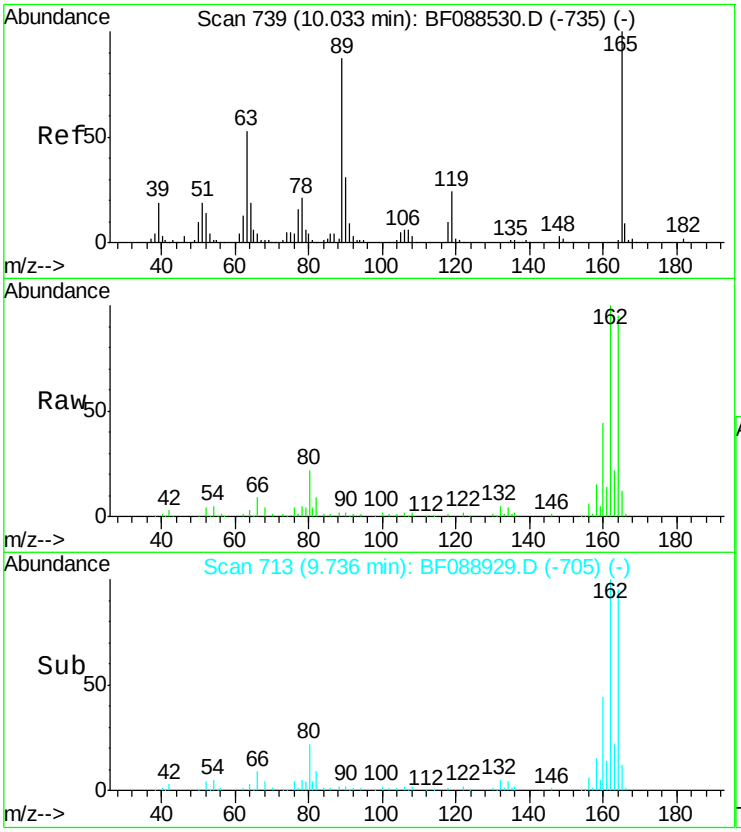


#51
Acenaphthene
Concen: 0.05 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:154 Resp: 309

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.5	134.3#
152	0.0	42.7	64.1#



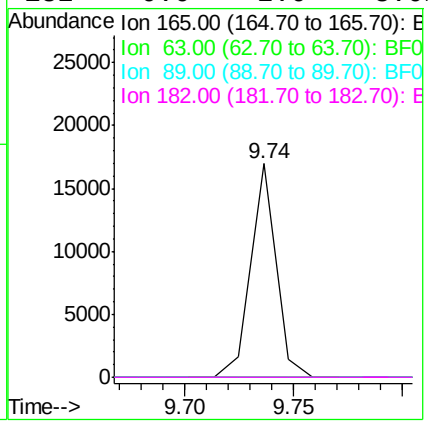


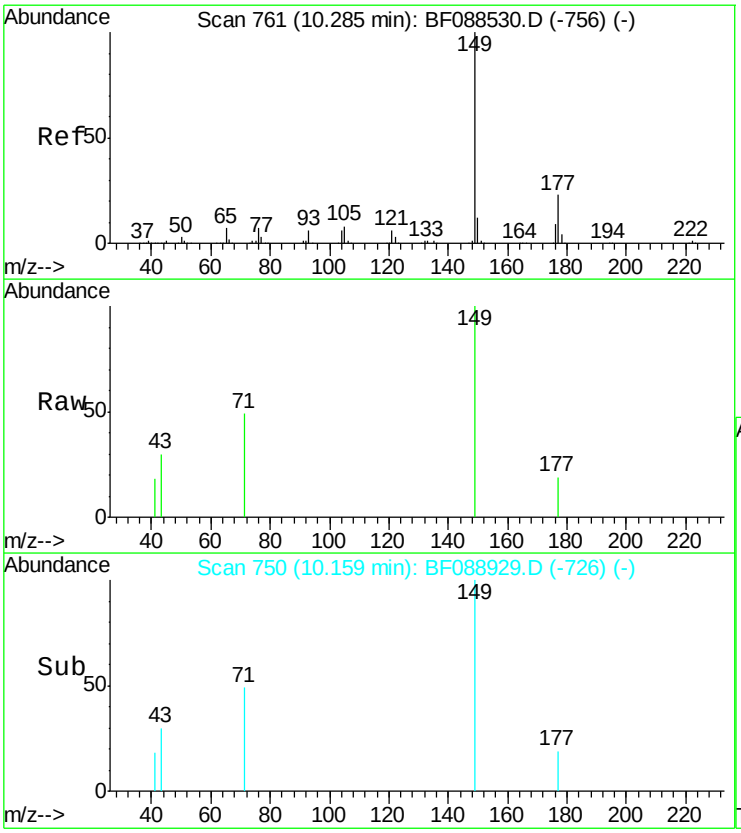
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.21 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:165 Resp: 13724

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#

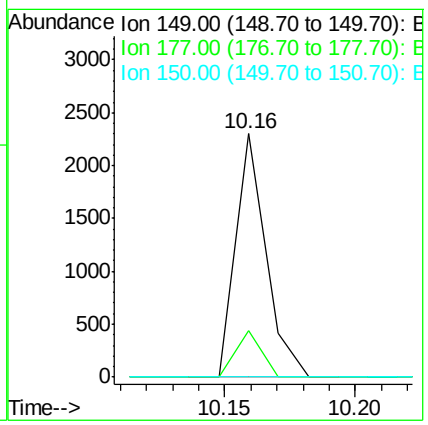


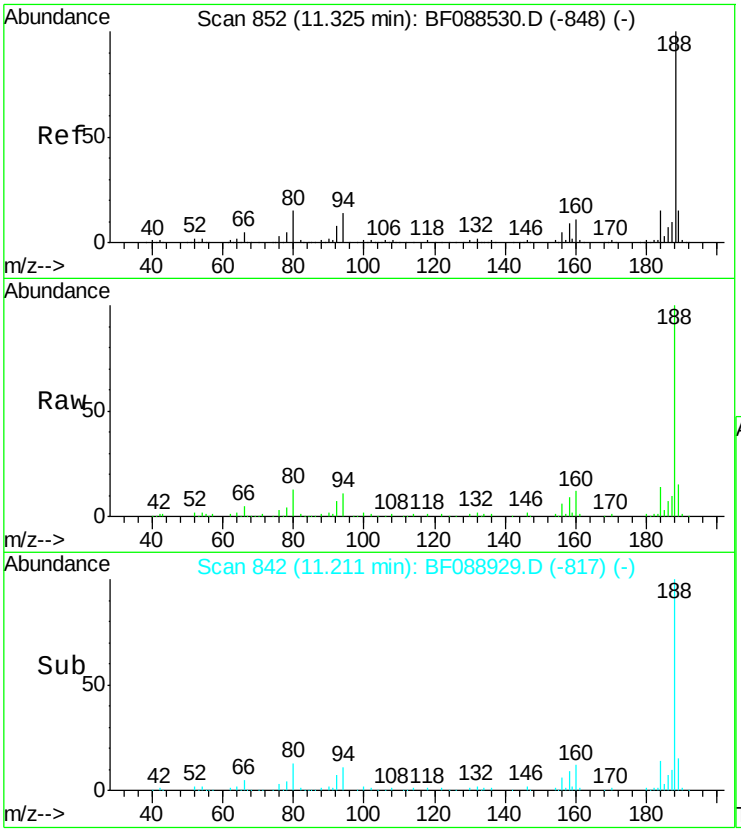


#59
Diethylphthalate
Concen: 0.24 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:149 Resp: 1861

Ion	Ratio	Lower	Upper
149	100		
177	19.3	16.9	25.3
150	0.0	10.1	15.1#



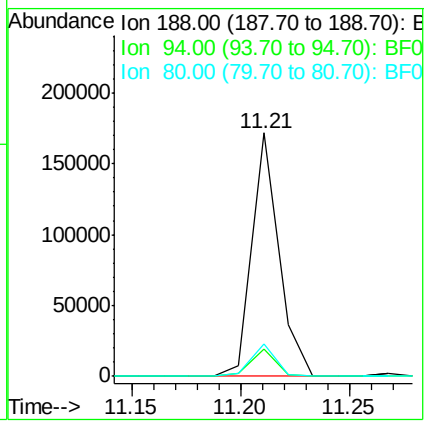


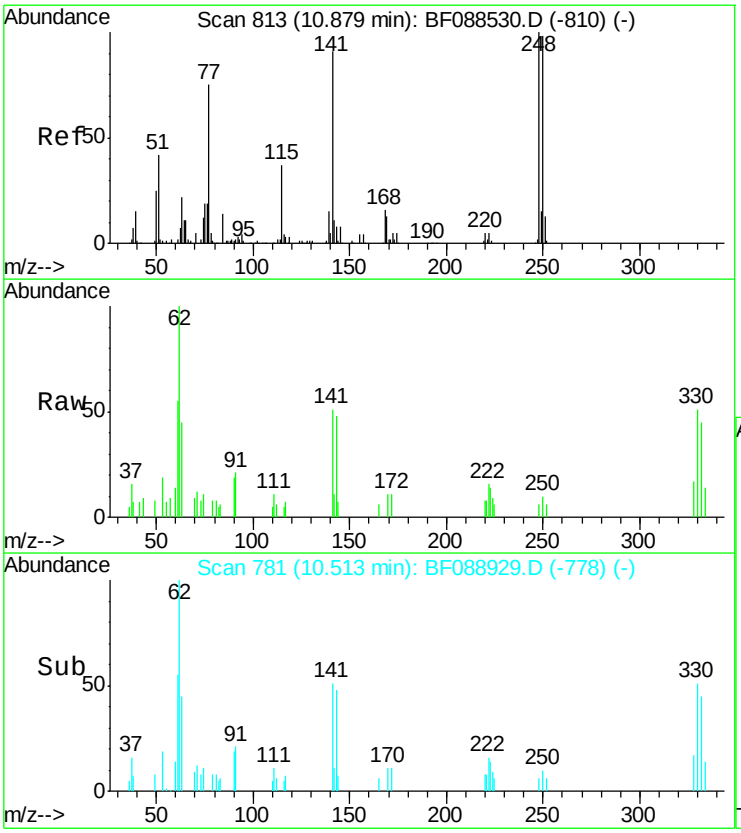
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:188 Resp: 148013

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	13.5	10.0	15.0

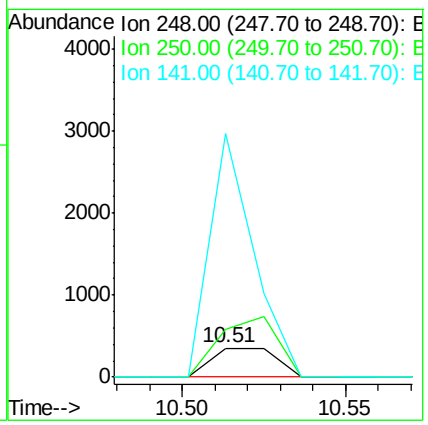


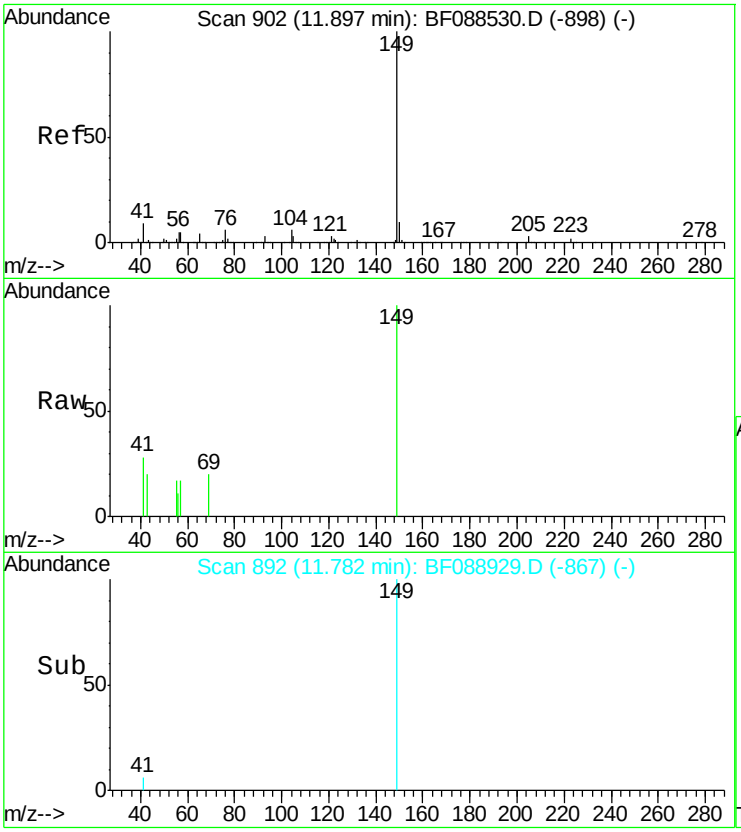


#66
4-Bromophenyl-phenylether
Concen: 0.33 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:248 Resp: 487

Ion	Ratio	Lower	Upper
248	100		
250	165.4	77.1	115.7#
141	834.3	50.6	76.0#



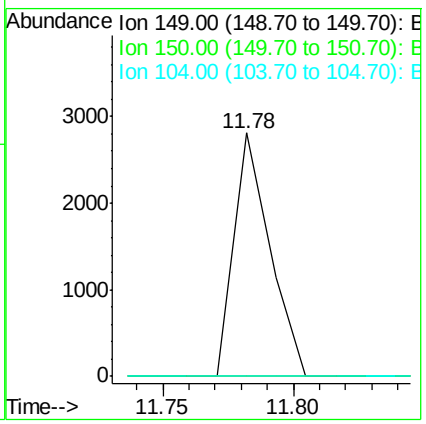


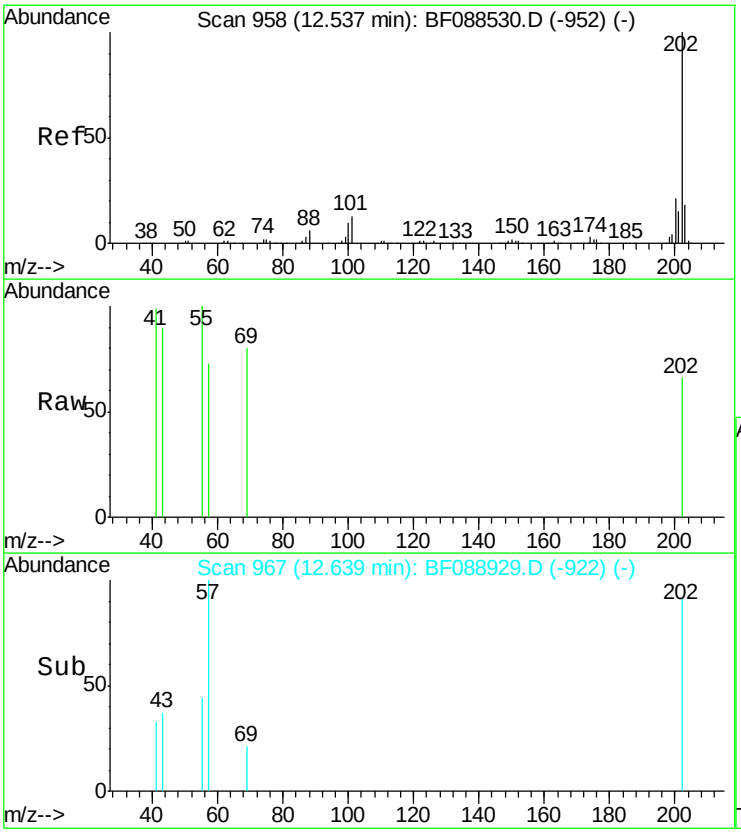
#73
Di-n-butylphthalate
Concen: 0.31 ng
RT: 11.78 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:149 Resp: 2716

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#

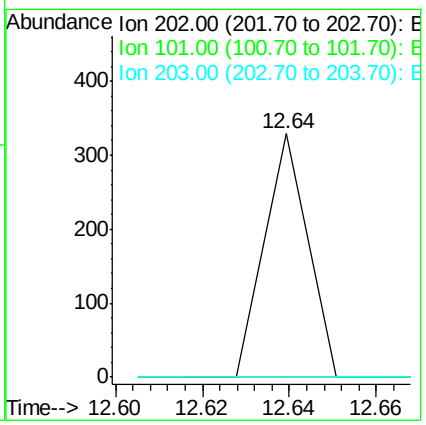


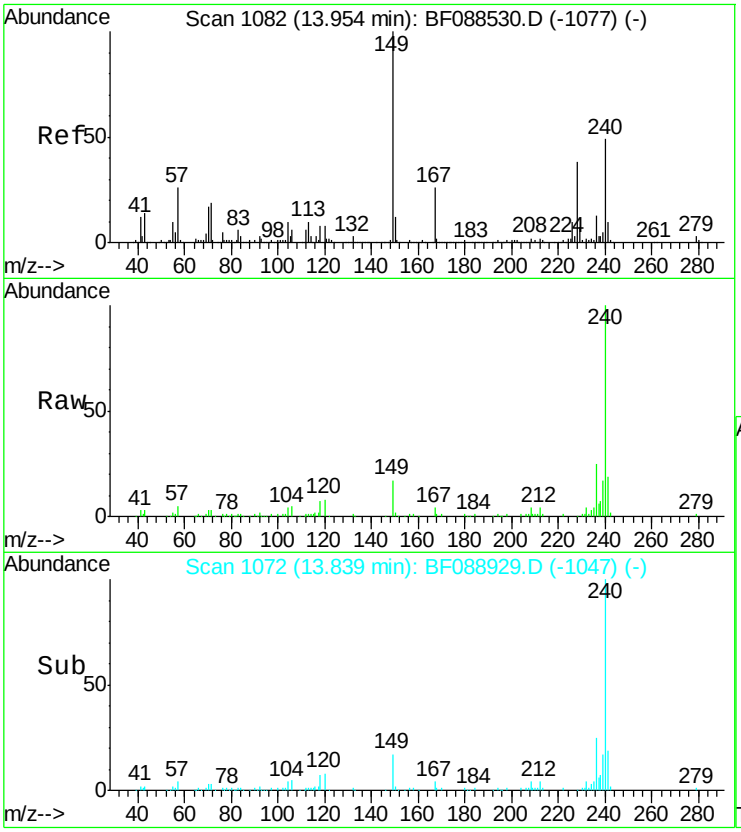


#74
Fluoranthene
Concen: 0.03 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.22 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:202 Resp: 226

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



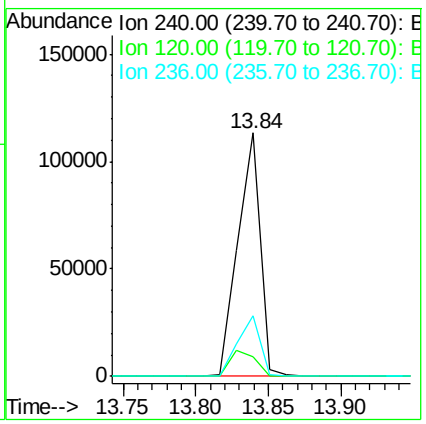


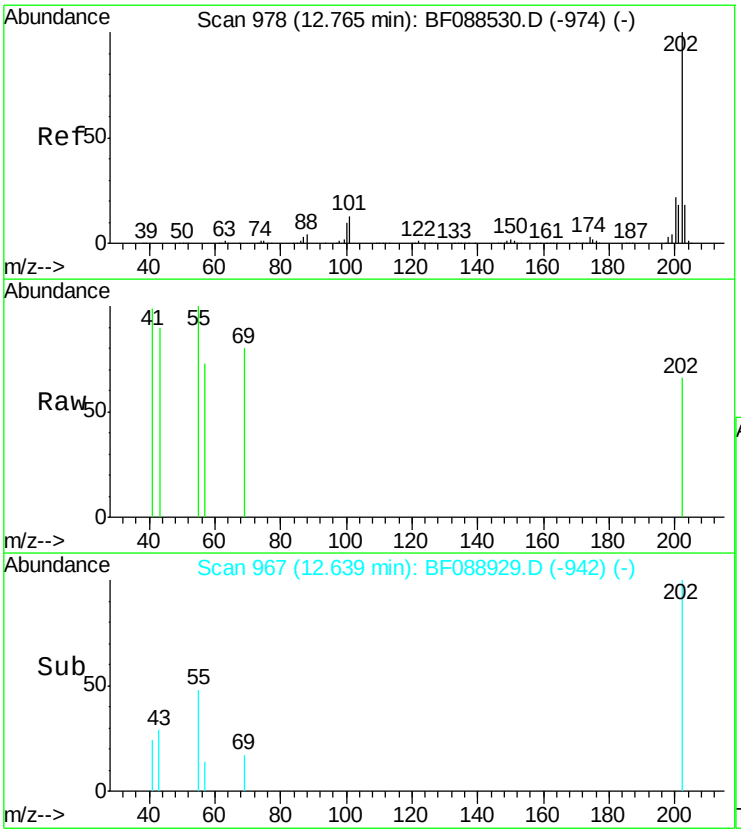
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:240 Resp: 121067

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	25.0	20.2	30.2

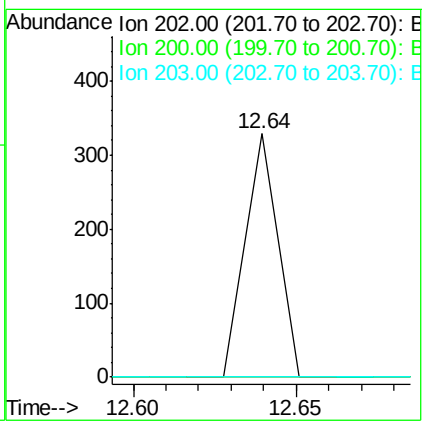


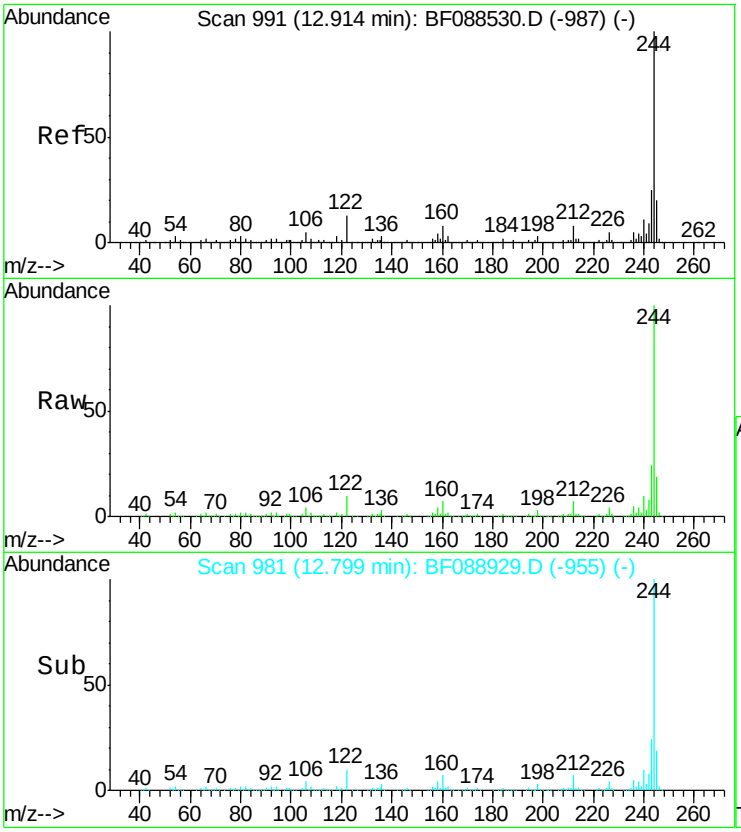


#77
Pyrene
Concen: 0.02 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:202 Resp: 226

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.5	21.7#



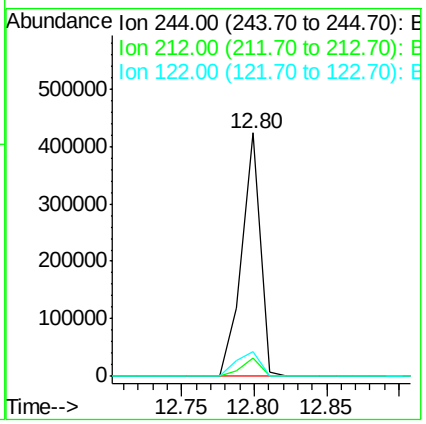


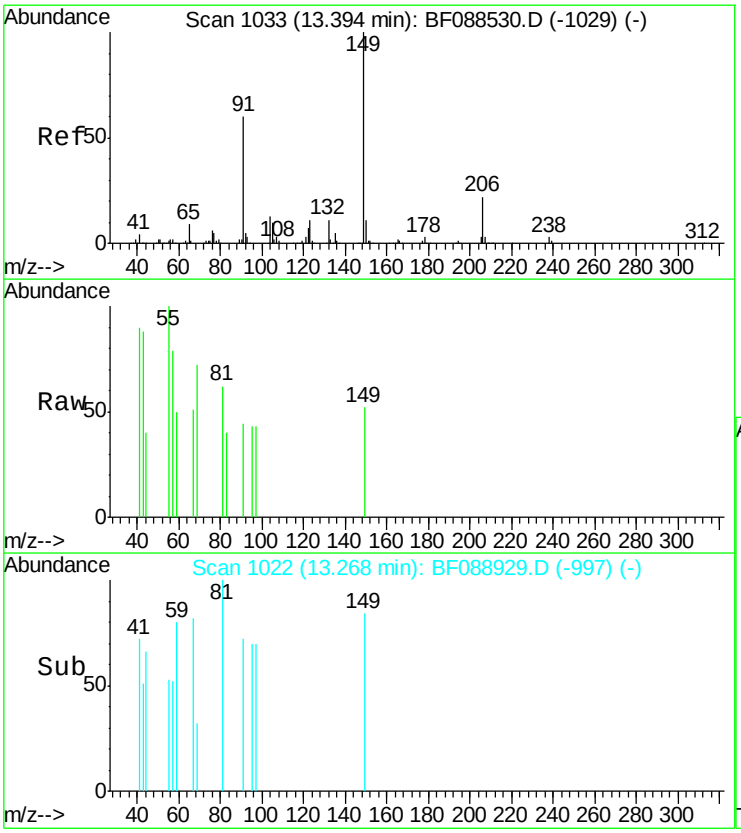
#78
Terphenyl-d14
Concen: 69.76 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:244 Resp: 379156

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.0	11.2	16.8#

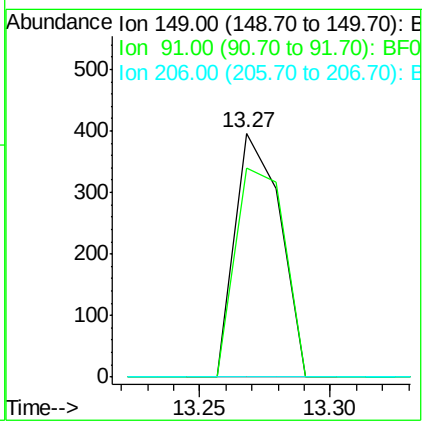


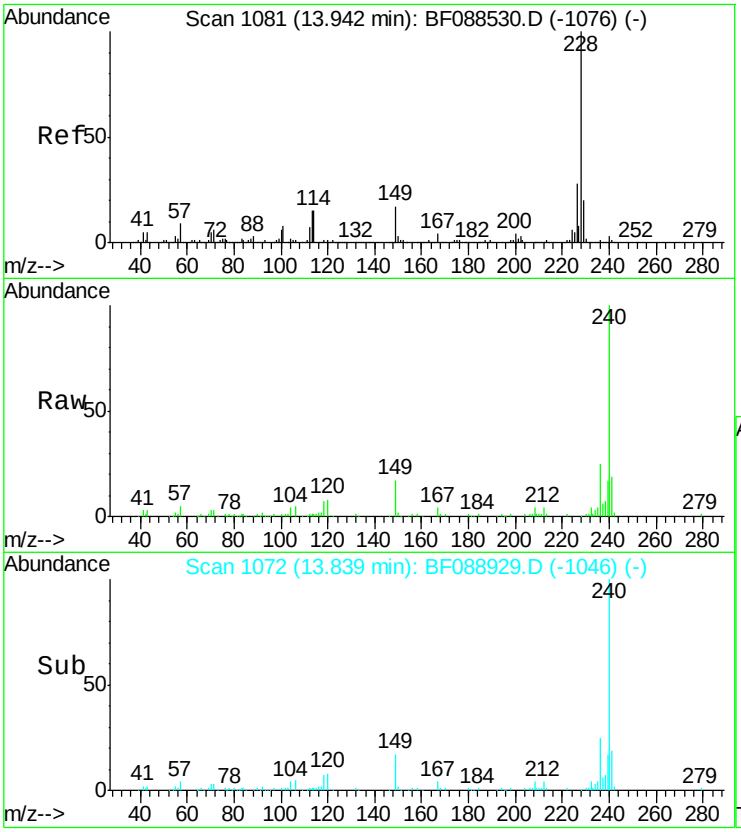


#79
Butylbenzylphthalate
Concen: 0.11 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:149 Resp: 482

Ion	Ratio	Lower	Upper
149	100		
91	85.6	48.0	72.0#
206	0.0	16.0	24.0#



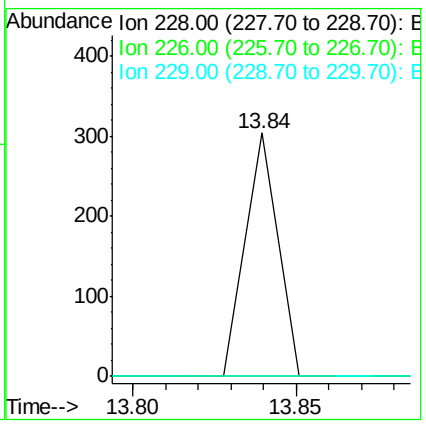


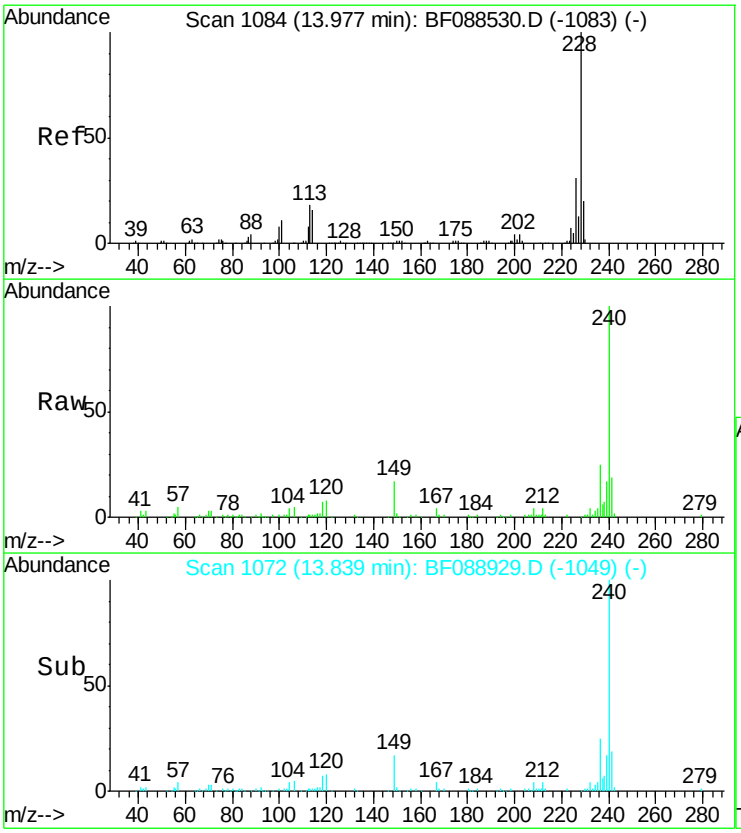
#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:228 Resp: 209

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	0.0	16.0	24.0#

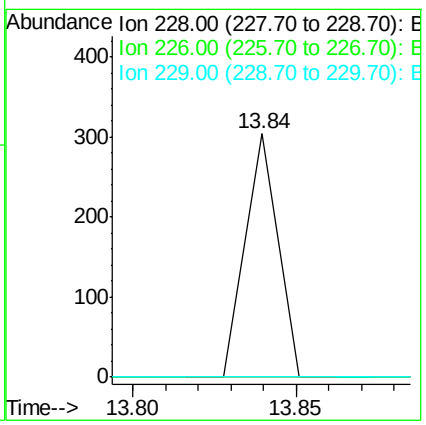


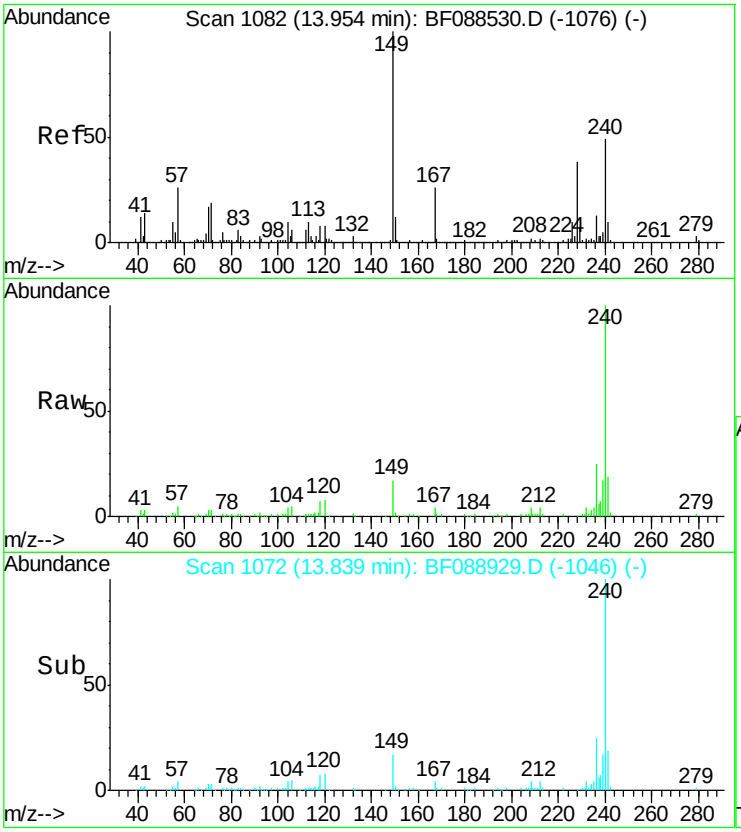


#82
Chrysene
Concen: 0.03 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:228 Resp: 209

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.2#
229	0.0	16.3	24.5#



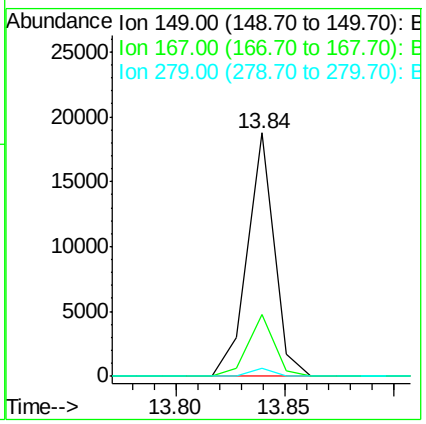


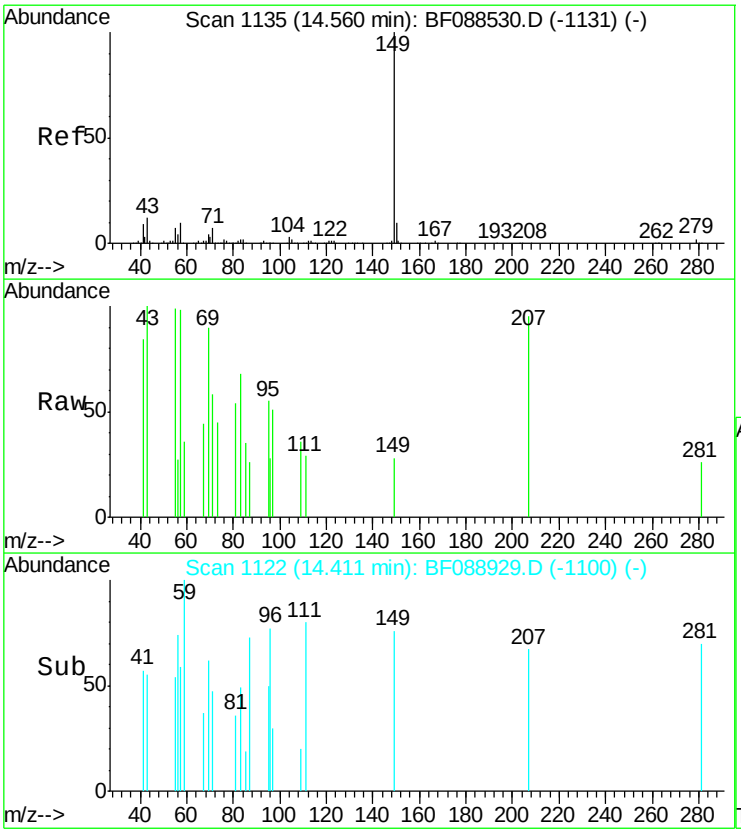
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.08 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:149 Resp: 16084

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.5	30.7
279	3.3	2.0	3.0#

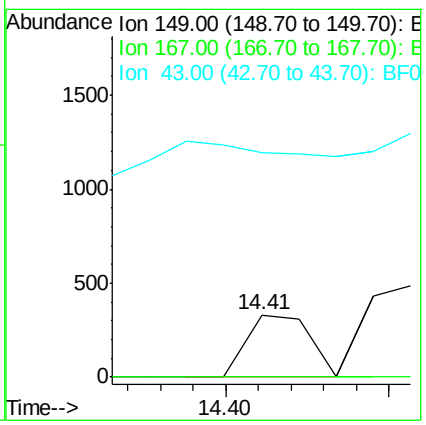


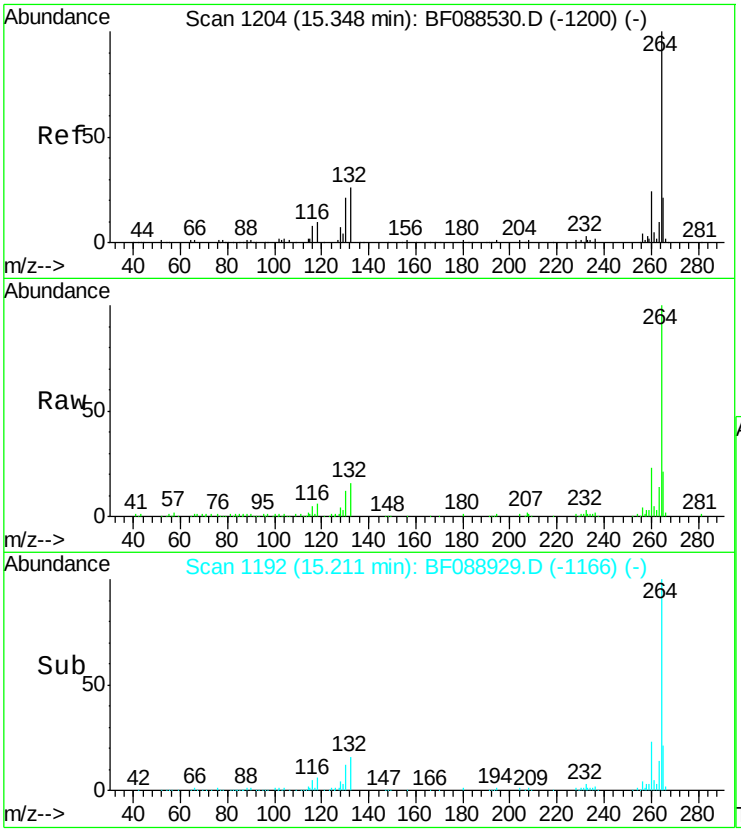


#84
Di-n-octyl phthalate
Concen: 0.05 ng
RT: 14.41 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:149 Resp: 442

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0



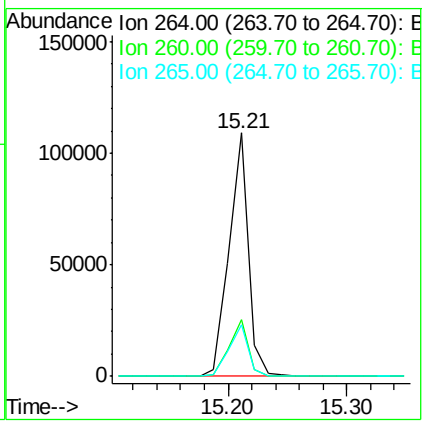


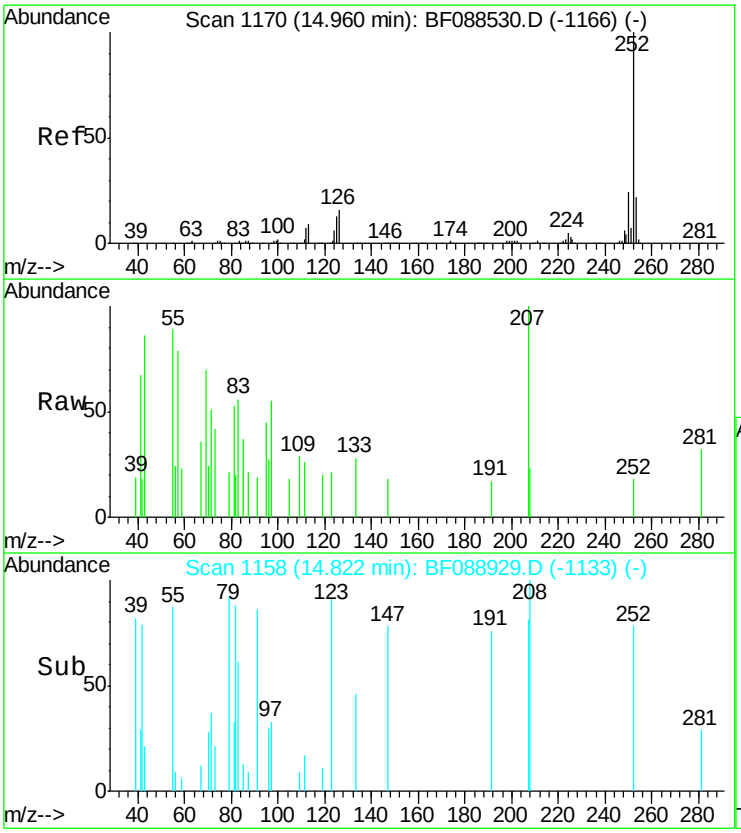
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:264 Resp: 122573

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	16.9	25.3

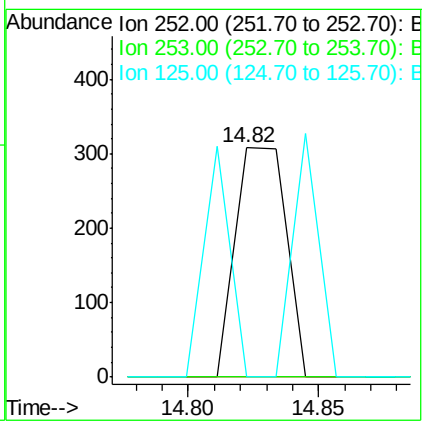


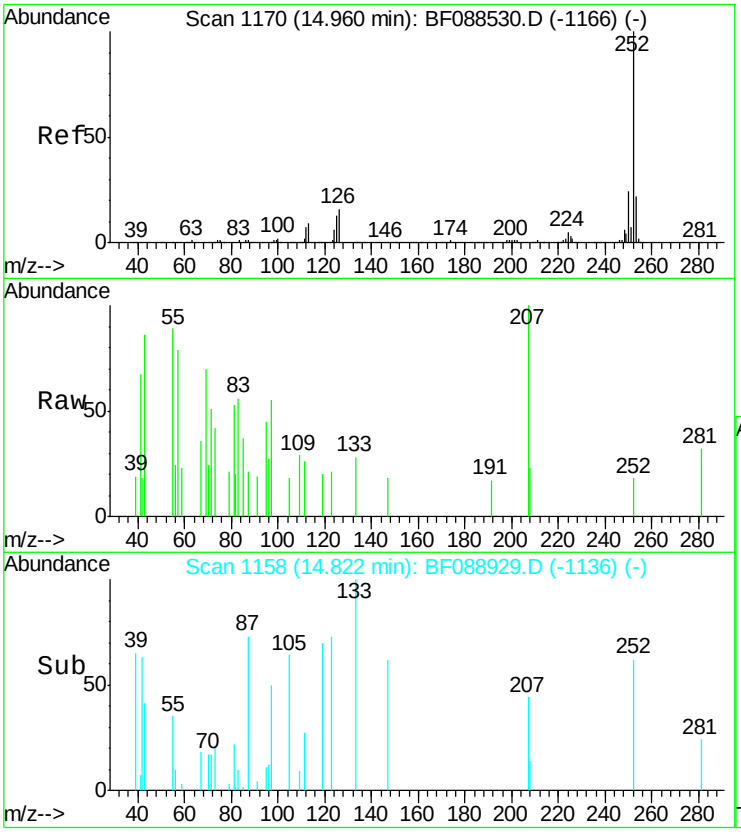


#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:252 Resp: 421

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	7.1	10.7#



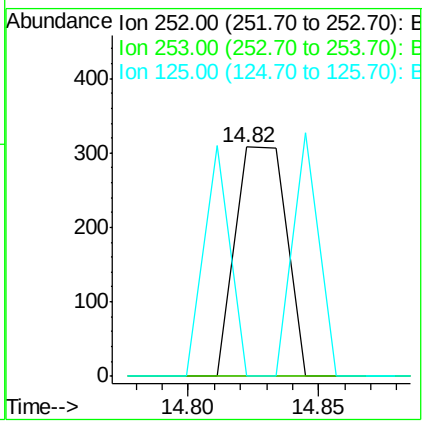


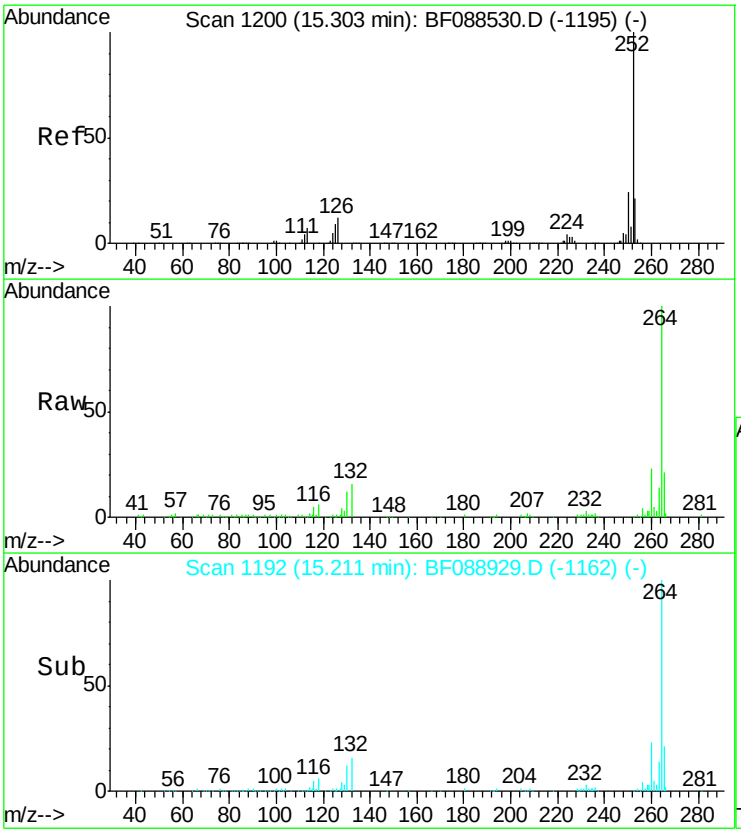
#88
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01

Tgt Ion:252 Resp: 421

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	0.0	11.2	16.8#





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.05 min
Lab File: BF088929.D
Acq: 12 Jul 2016 20:00

Tgt Ion:252 Resp: 333

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	73.0	12.5	18.7#