Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090357.D
Acq On : 4 Oct 2016 22:17
Operator : UM/SJ
Sample : H4869-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-01

Quant Time: Oct 05 01:15:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	211977	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	712993	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	324425	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	584247	20.00	ng		0.00
75) Chrysene-d12	14.20	240	629079	20.00	ng		0.00
86) Perylene-d12	15.71	264	531830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1432121	106.56	ng		0.00
7) Phenol-d6	6.62	99	1845533	109.86	ng		0.00
23) Nitrobenzene-d5	7.57	82	1183015	96.72	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	332598	118.04	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1498048	75.29	ng		0.00
78) Terphenyl-d14	13.14	244	1300522	48.13	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.17	79	37917	3.20	ng	#	44
19) n-Nitroso-di-n-propylamine	7.57	70	166461	15.52	ng	#	65
22) Acetophenone	7.41	105	284095	17.21	ng	#	92
24) Nitrobenzene	7.55	77	57452	4.40	ng	#	52
32) Benzoic acid	7.97	122	4118	5.76	ng		94
49) Dimethylphthalate	9.77	163	677092	35.26	ng		99
74) Fluoranthene	12.76	202	62885	2.12	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	68422	2.69	ng	#	98

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

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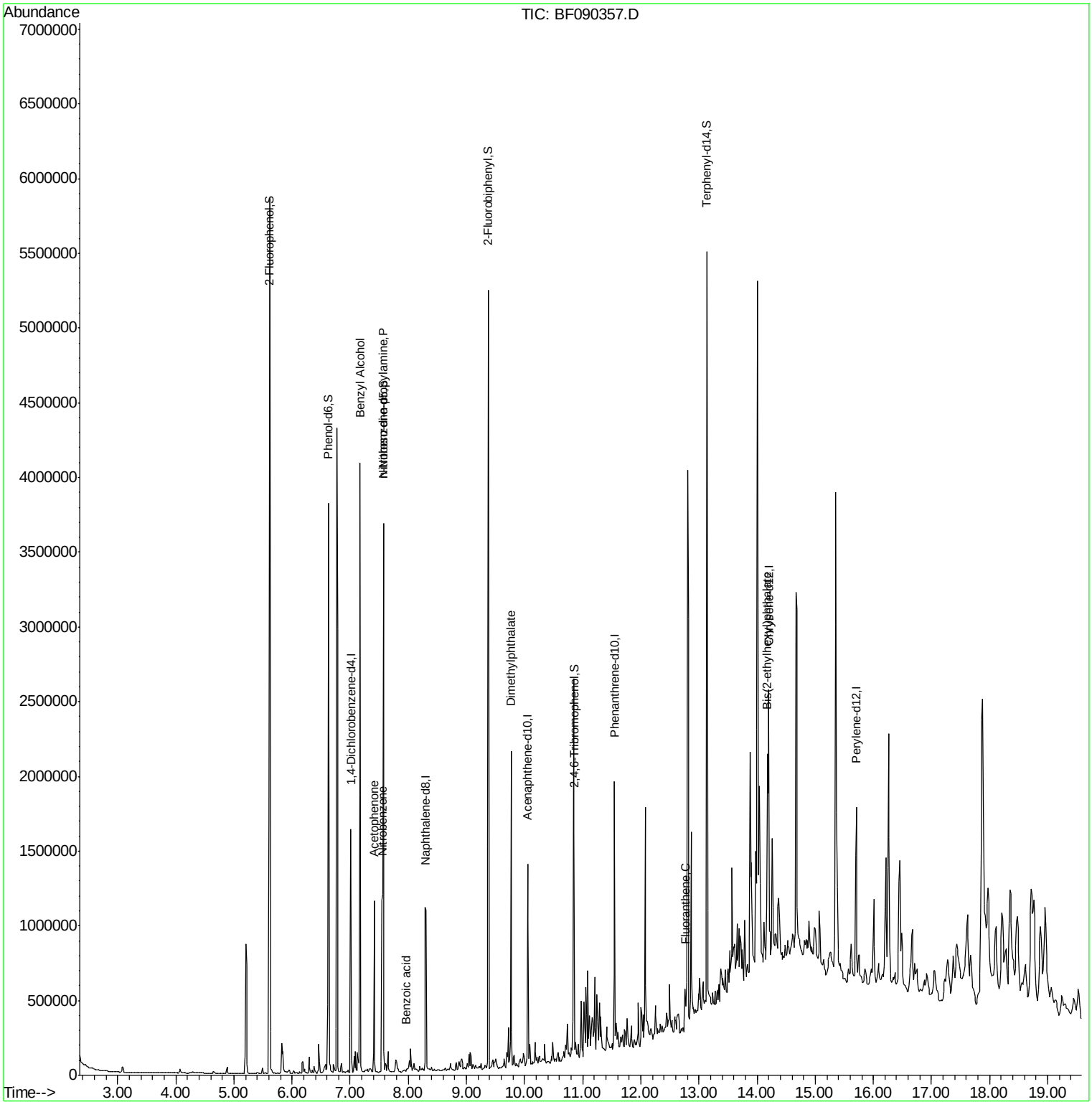
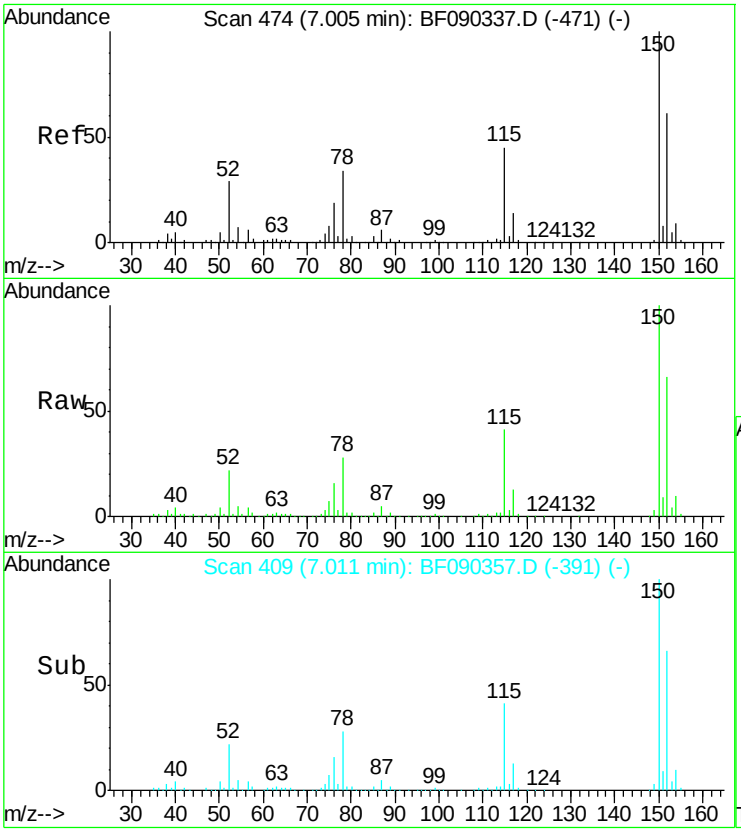


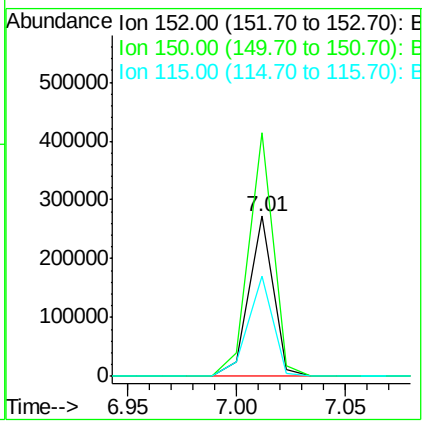


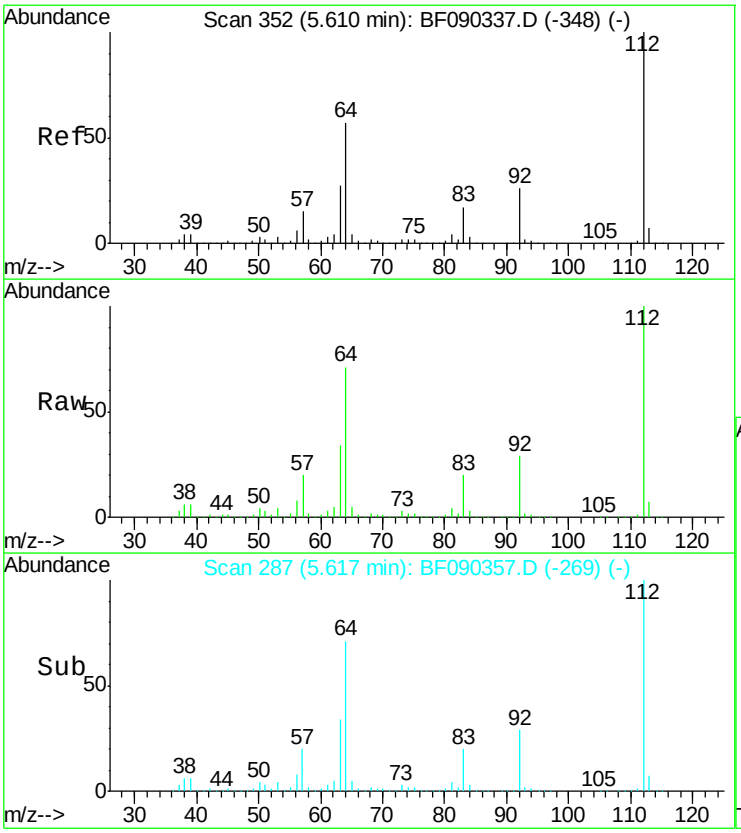
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:152 Resp: 211977

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	62.4	46.2	69.4

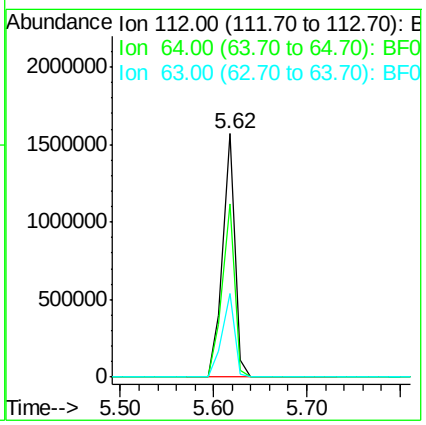


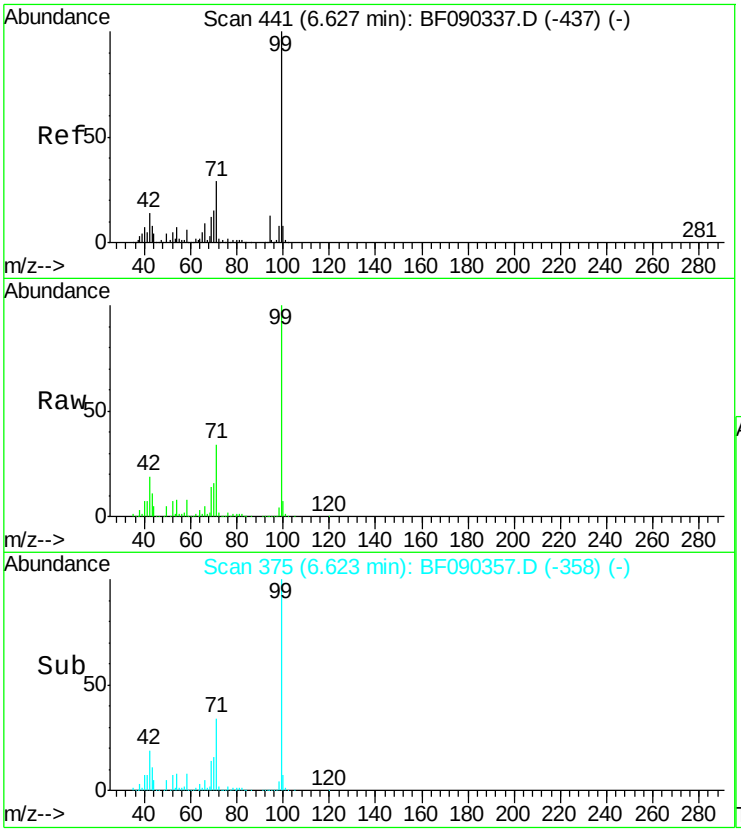


#5
2-Fluorophenol
Concen: 106.56 ng
RT: 5.62 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:112 Resp: 1432121

Ion	Ratio	Lower	Upper
112	100		
64	71.0	57.9	86.9
63	34.2	29.6	44.4



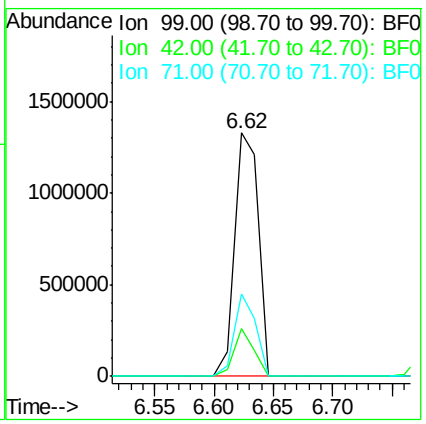


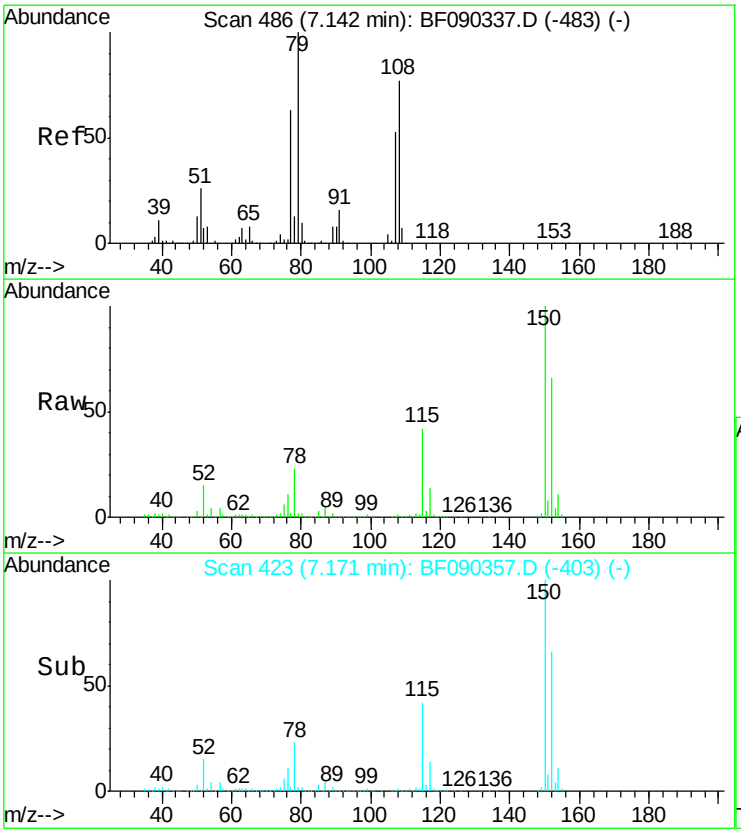
#7
Phenol-d6
Concen: 109.86 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion: 99 Resp: 1845533

Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.0	30.0#
71	34.0	27.9	41.9

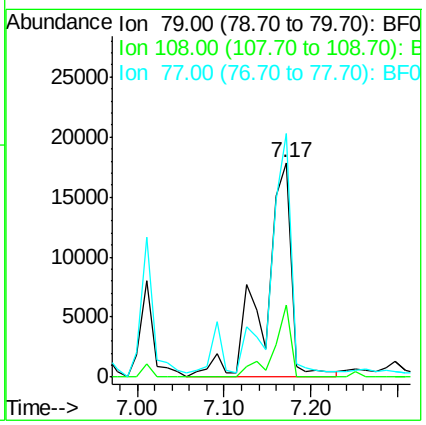


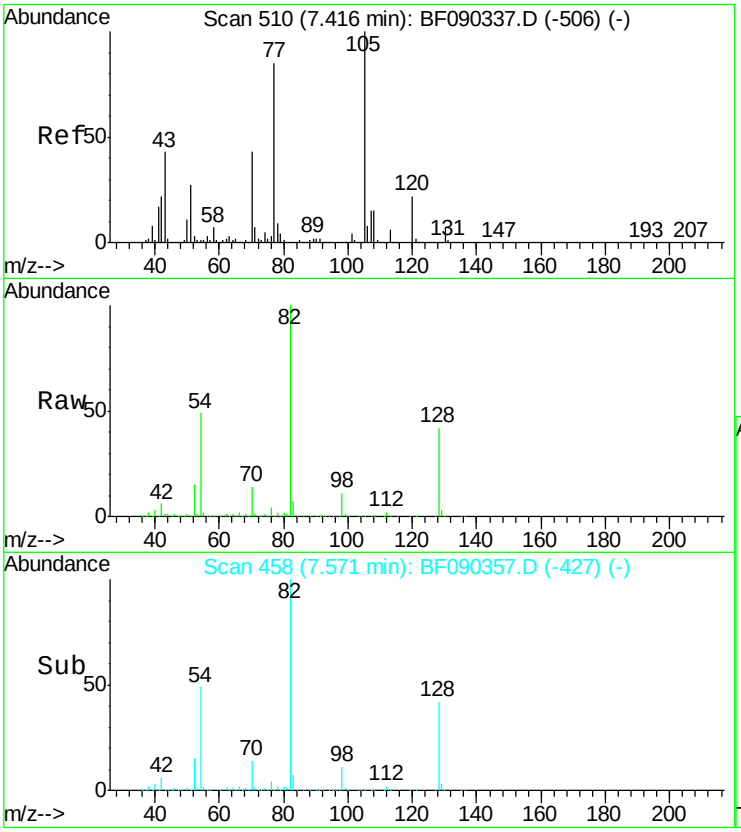


#15
Benzyl Alcohol
Concen: 3.20 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.03 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion: 79 Resp: 37917

Ion	Ratio	Lower	Upper
79	100		
108	33.5	60.9	91.3#
77	113.4	51.5	77.3#



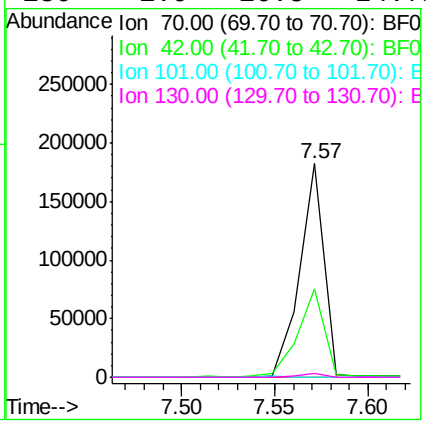


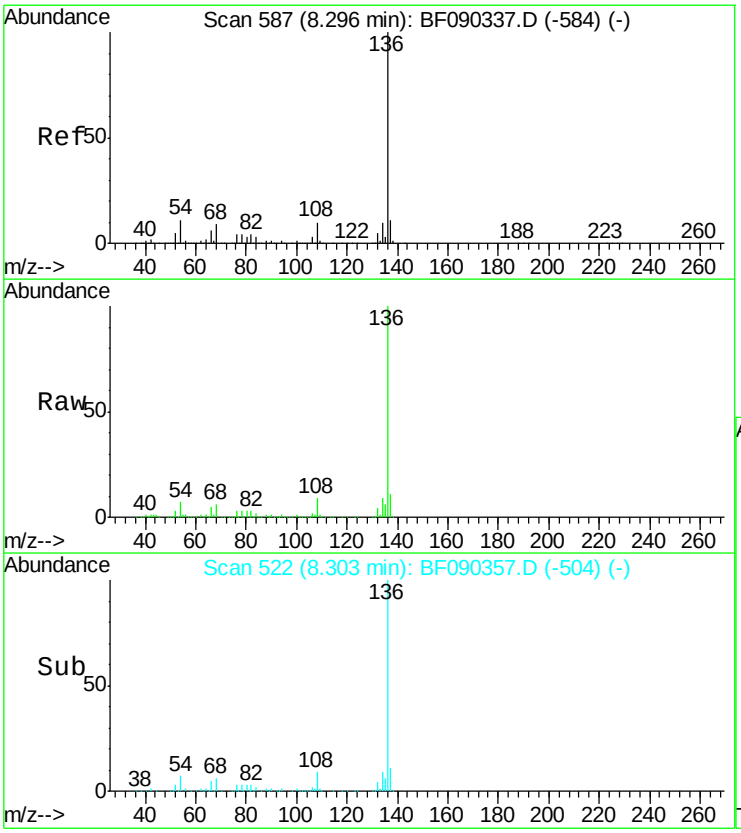
#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.57 min Scan# 458
Delta R.T. 0.16 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion: 70 Resp: 166461

Ion	Ratio	Lower	Upper
70	100		
42	41.3	55.4	83.2#
101	0.0	7.6	11.4#
130	1.9	16.5	24.7#

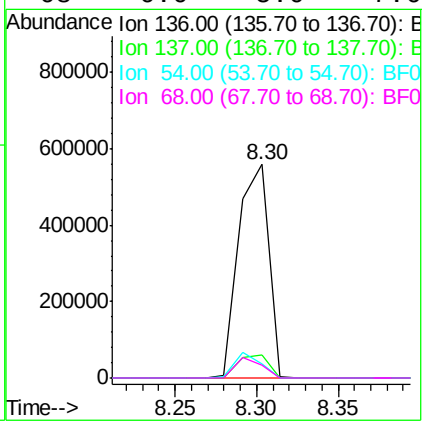


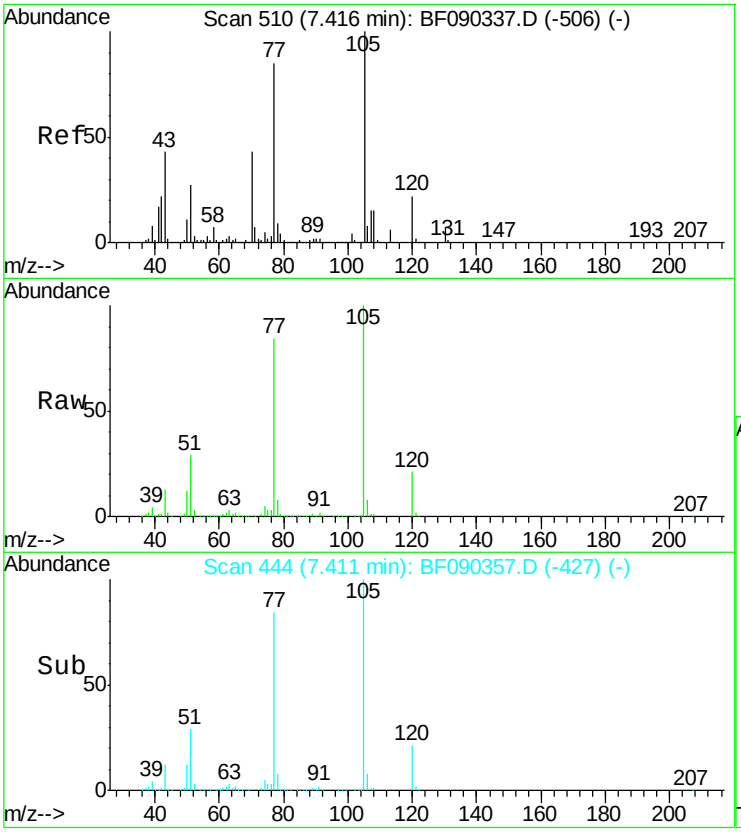


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:136 Resp: 712993

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.6	6.6	10.0#
68	6.0	5.0	7.6



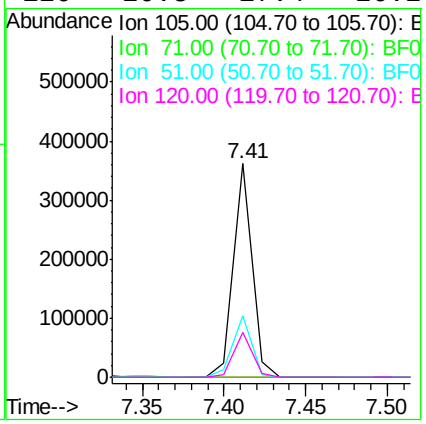


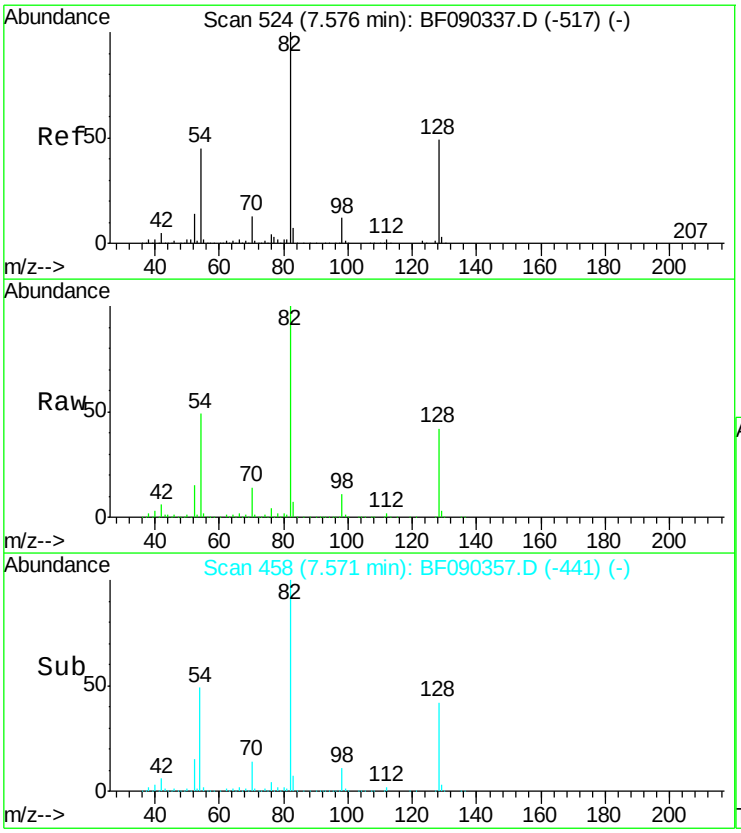
#22
Acetophenone
Concen: 17.21 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:105 Resp: 284095

Ion	Ratio	Lower	Upper
105	100		
71	0.1	3.8	5.6#
51	28.7	28.2	42.4
120	20.8	17.4	26.2

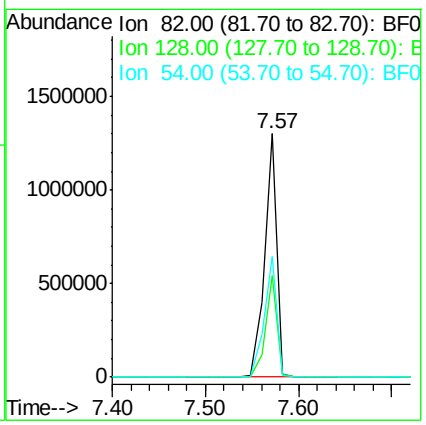


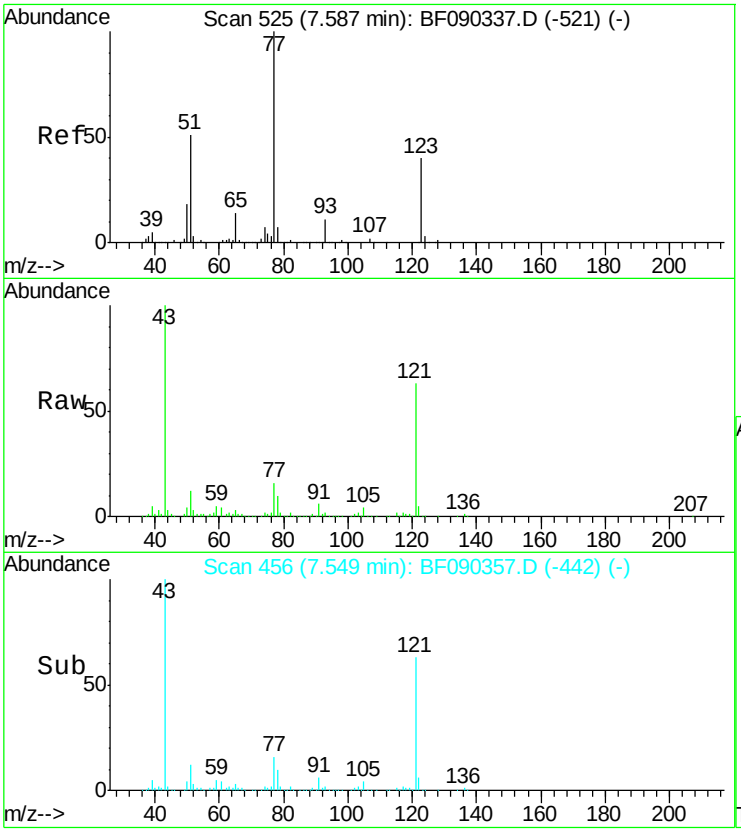


#23
Nitrobenzene-d5
Concen: 96.72 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion: 82 Resp: 1183015

Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.0	60.0
54	49.4	42.6	64.0



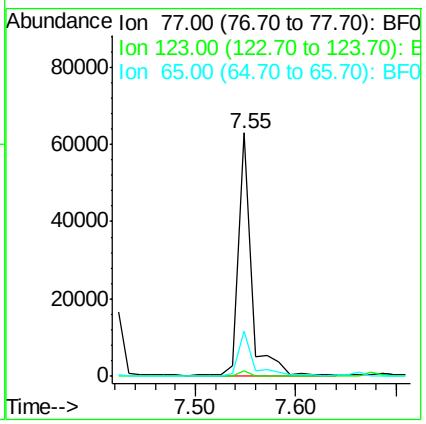


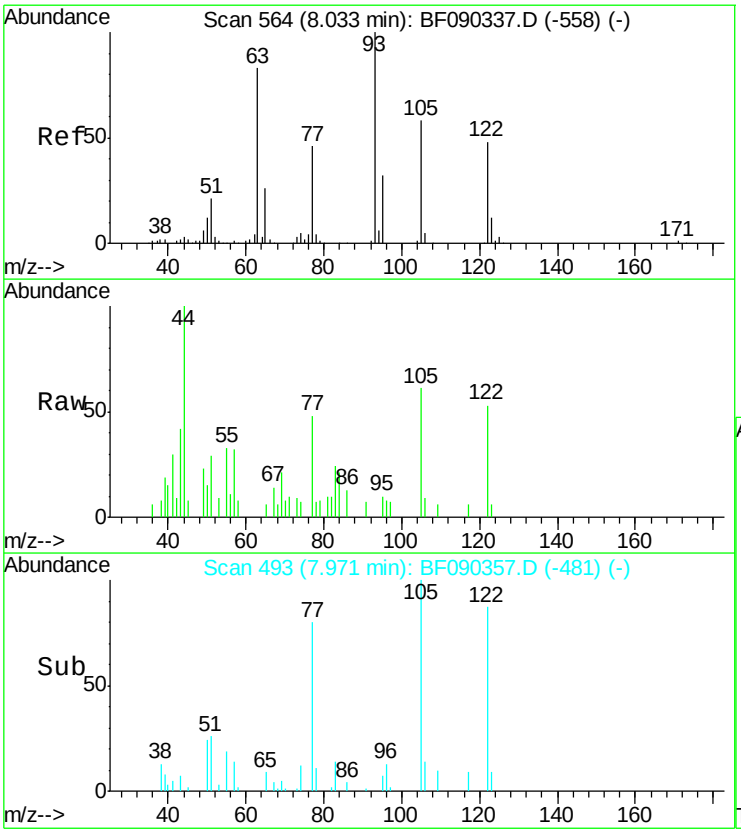
#24
Nitrobenzene
Concen: 4.40 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion: 77 Resp: 57452

Ion	Ratio	Lower	Upper
77	100		
123	2.4	33.0	49.4#
65	18.4	12.0	18.0#

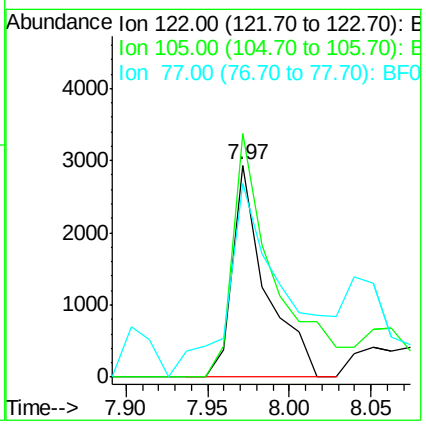


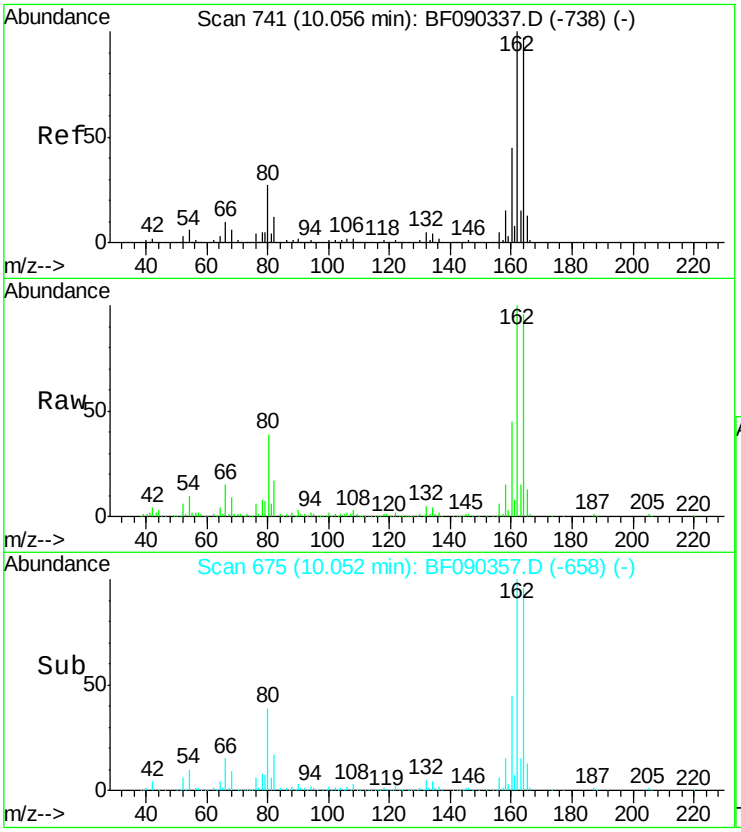


#32
Benzoic acid
Concen: 5.76 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:122 Resp: 4118

Ion	Ratio	Lower	Upper
122	100		
105	114.8	103.9	143.9
77	91.3	74.6	114.6



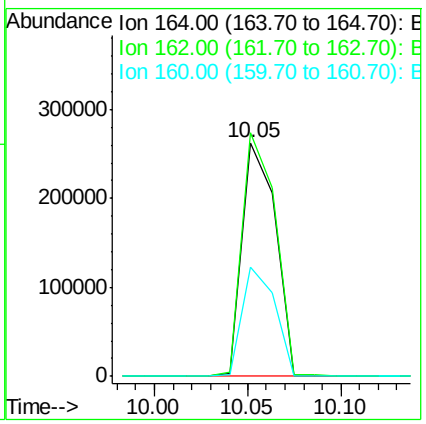


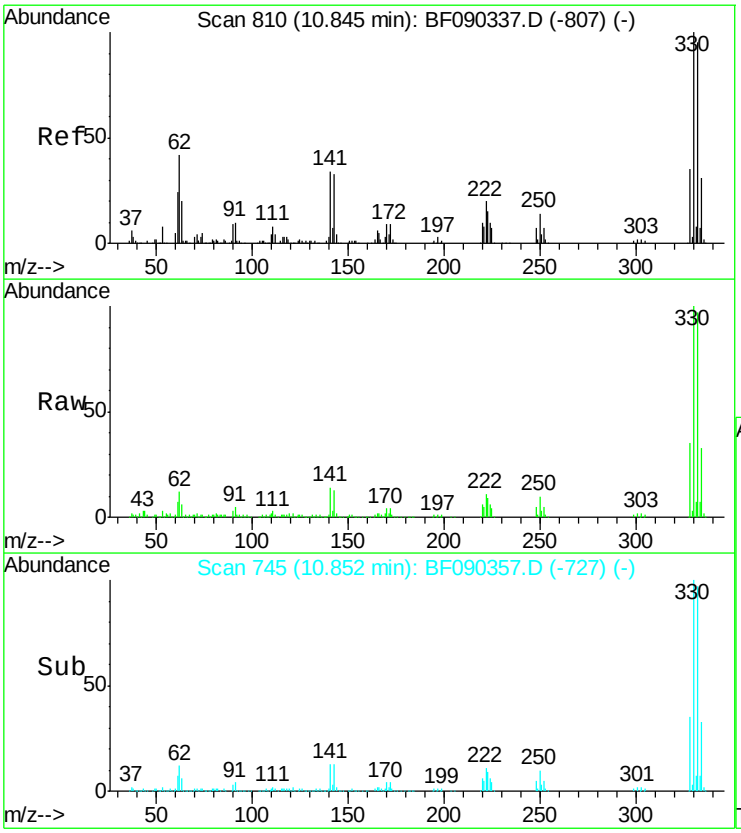
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:164 Resp: 324425

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.1	120.1
160	47.1	36.3	54.5

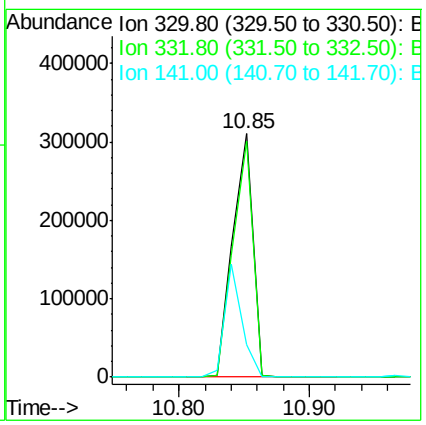


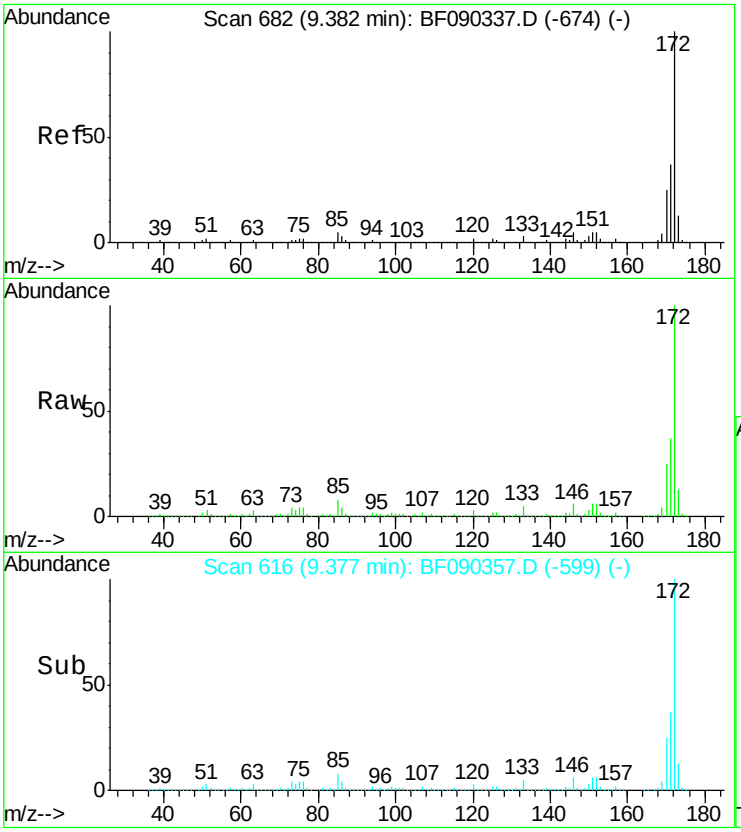


#41
2,4,6-Tribromophenol
Concen: 118.04 ng
RT: 10.85 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:330 Resp: 332598

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	41.3	26.9	40.3#



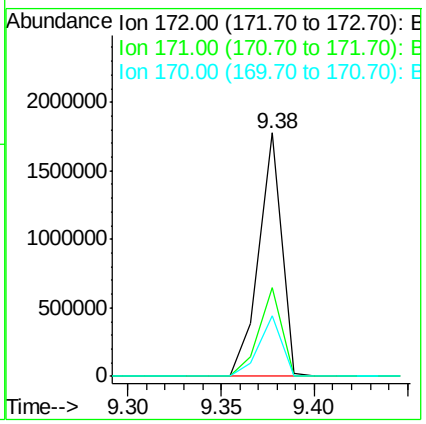


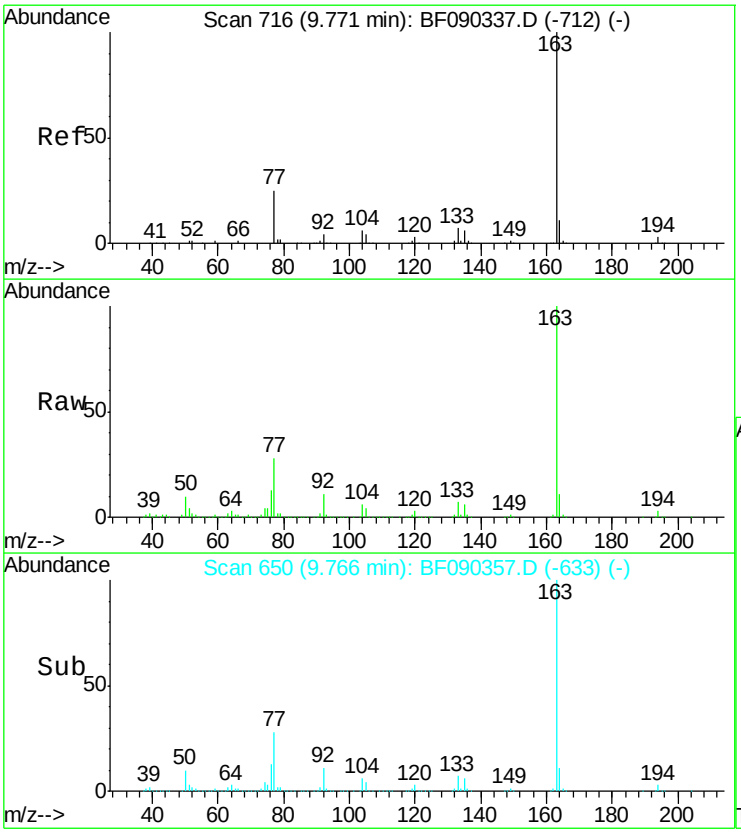
#44
2-Fluorobiphenyl
Concen: 75.29 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:172 Resp: 1498048

Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.8	47.8
170	24.7	21.7	32.5

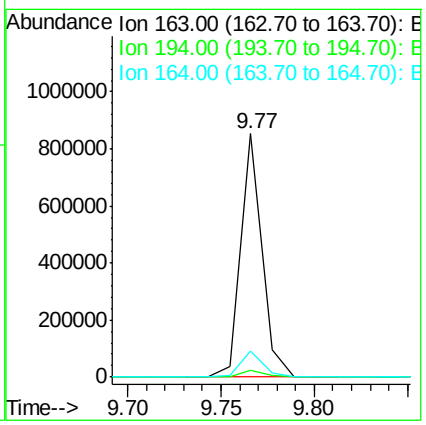


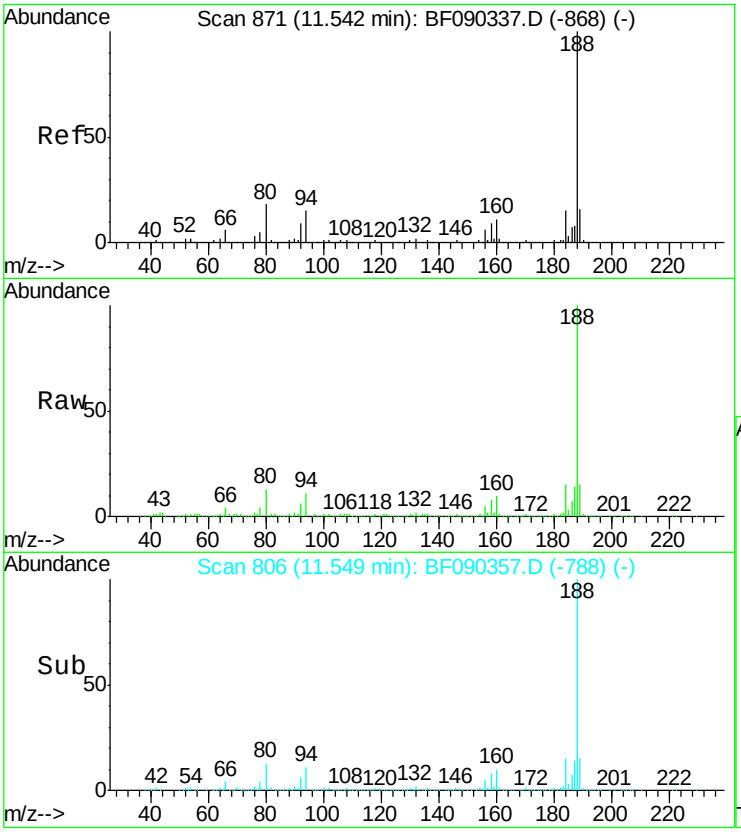


#49
Dimethylphthalate
Concen: 35.26 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:163 Resp: 677092

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.7	9.0	13.4



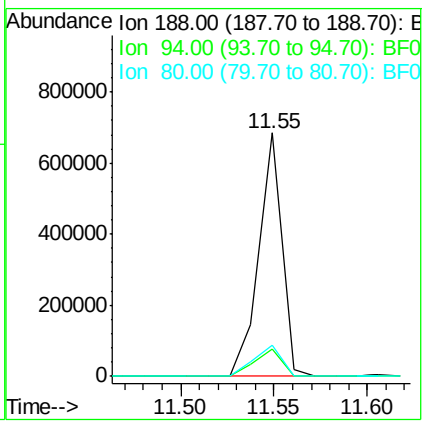


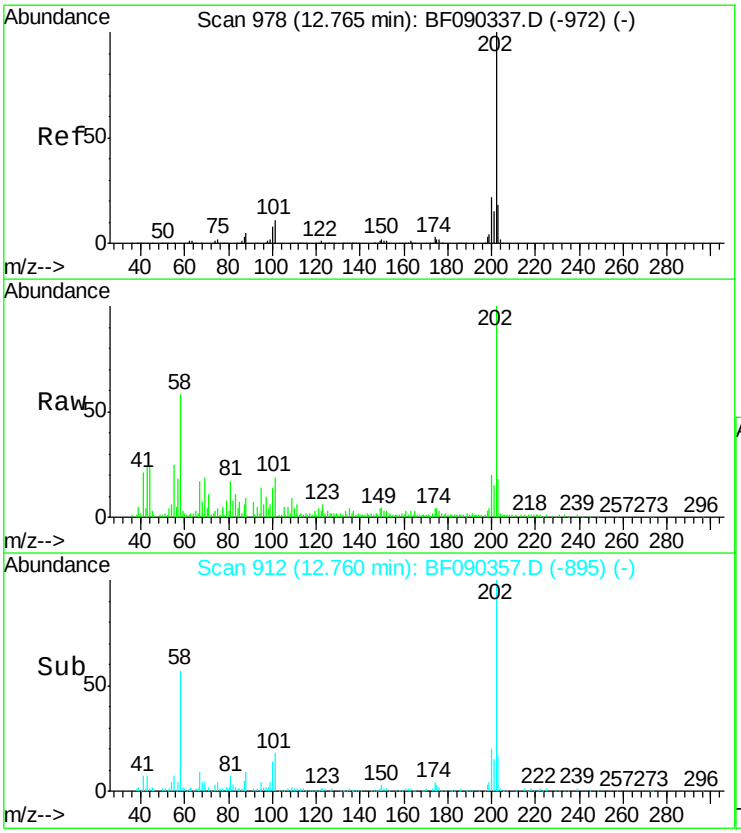
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:188 Resp: 584247

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.2	12.2
80	13.0	8.8	13.2

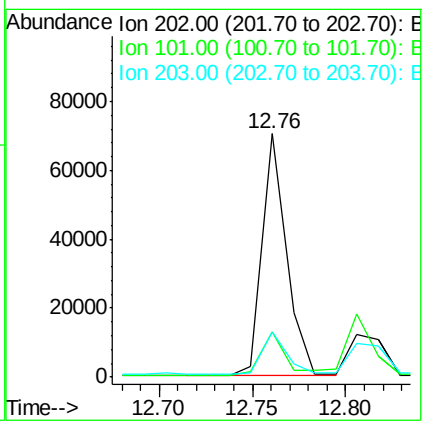


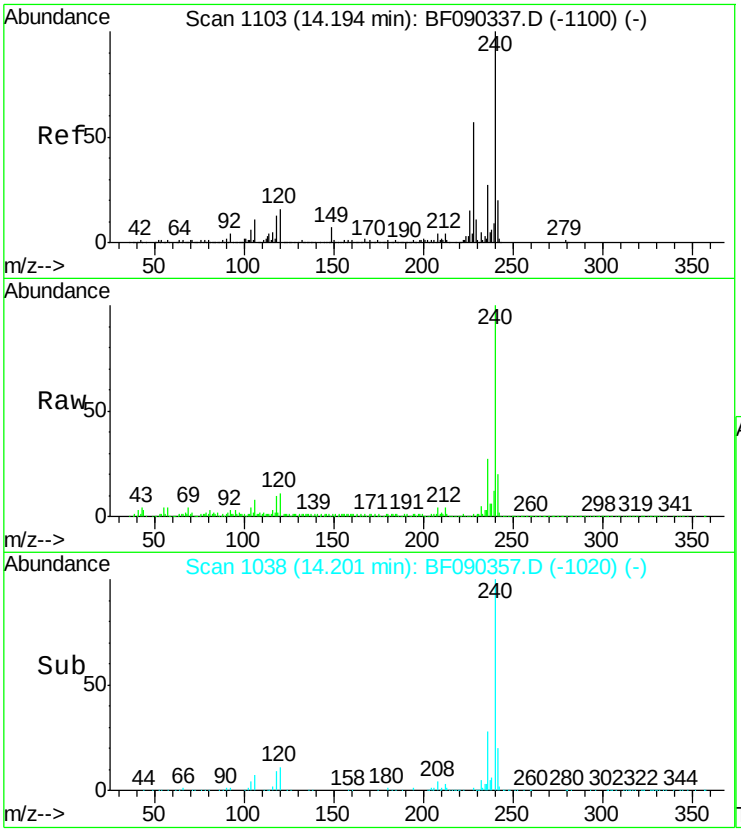


#74
Fluoranthene
Concen: 2.12 ng
RT: 12.76 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:202 Resp: 62885

Ion	Ratio	Lower	Upper
202	100		
101	18.7	0.0	37.2
203	18.3	0.0	39.3



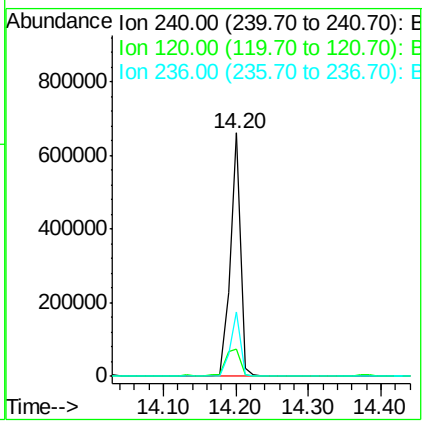


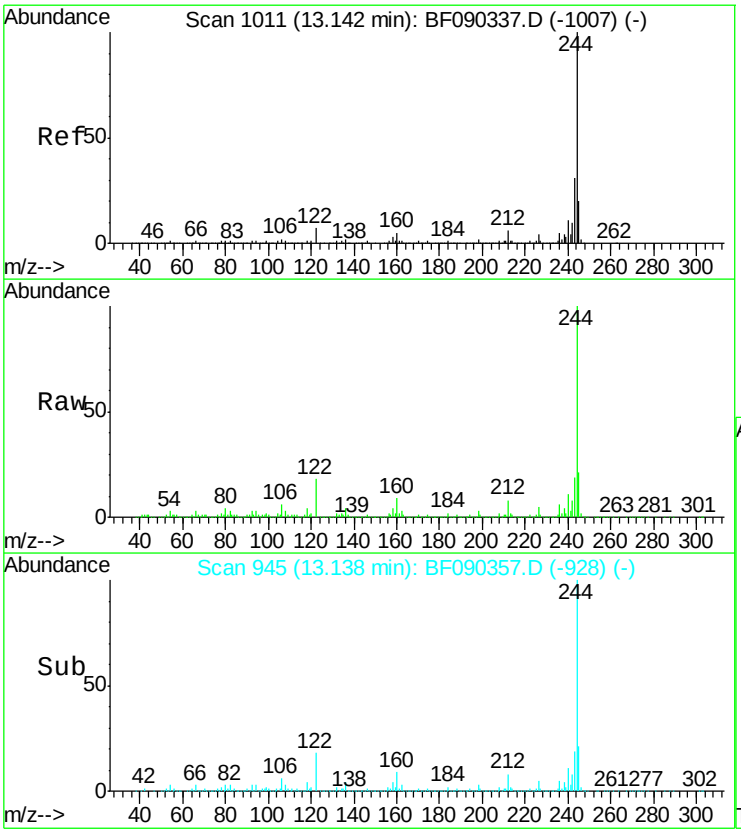
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:240 Resp: 629079

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	13.0
236	26.7	21.6	32.4

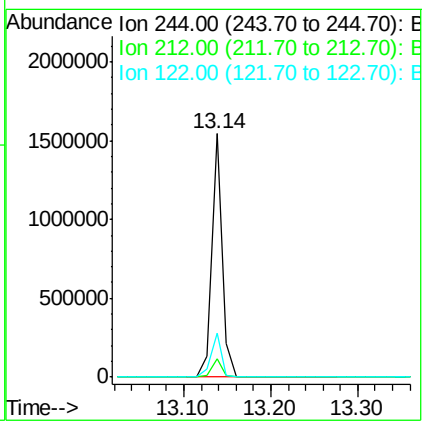


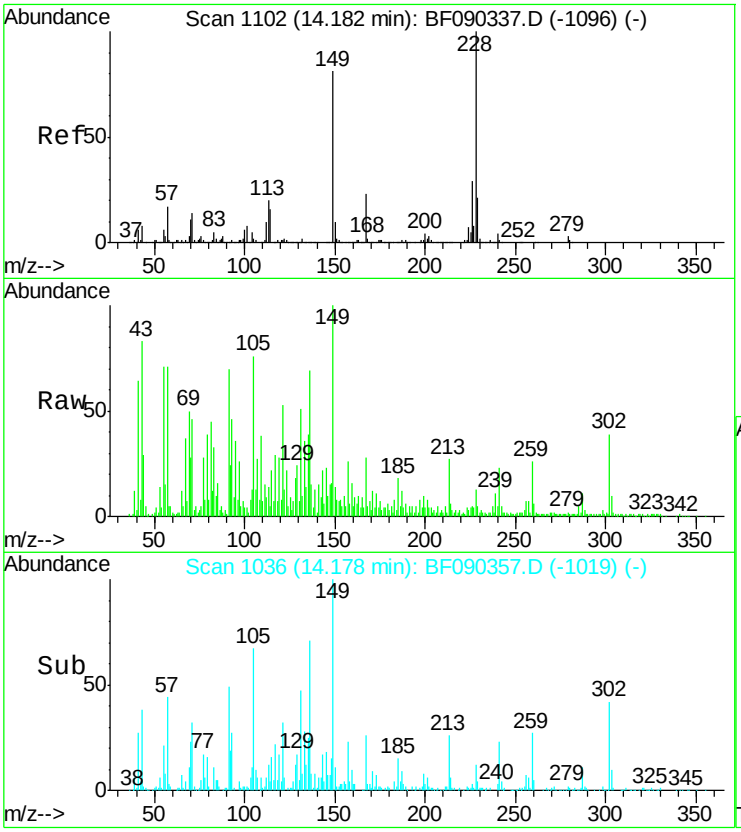


#78
Terphenyl-d14
Concen: 48.13 ng
RT: 13.14 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:244 Resp: 1300522

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	18.0	13.3	19.9



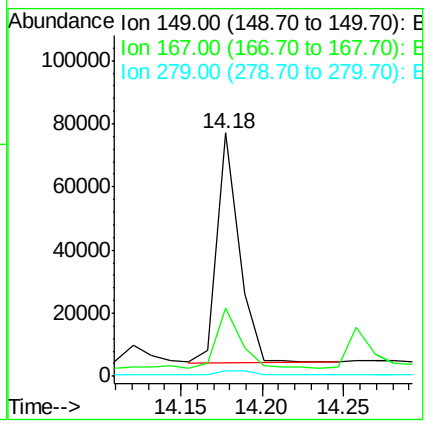


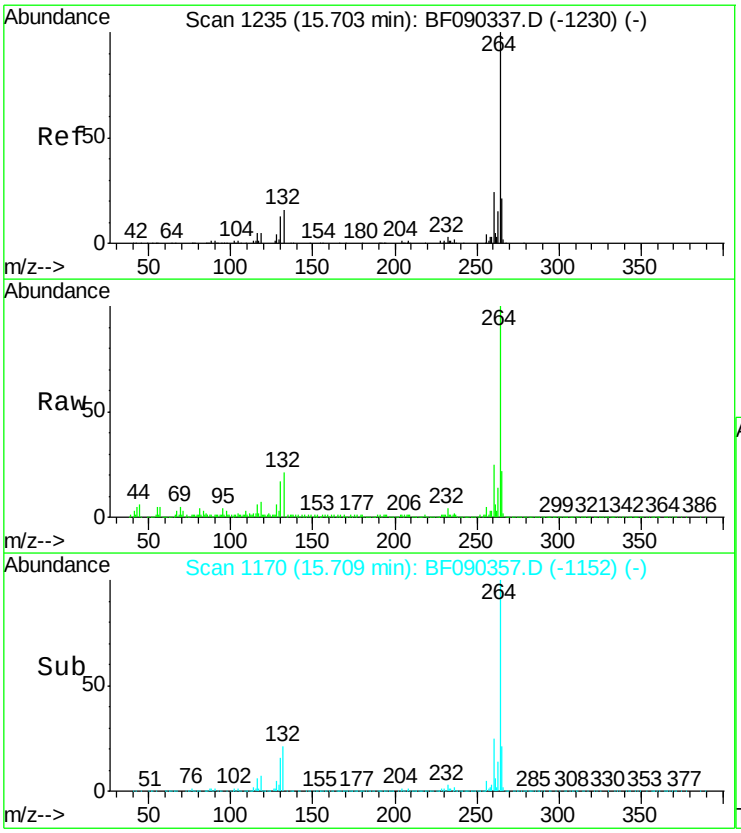
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.69 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-01

Tgt Ion:149 Resp: 68422

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.5	32.3
279	2.5	2.6	3.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF090357.D
Acq: 4 Oct 2016 22:17

Tgt Ion:264 Resp: 531830

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.3	28.9
265	21.6	17.4	26.0