Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092222.D
Acq On : 12 Jan 2017 22:05
Operator : UM/SJ
Sample : I1030-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-0017

Quant Time: Jan 12 23:44:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	192005	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	679076	20.00	ng		-0.06
38) Acenaphthene-d10	9.62	164	419599	20.00	ng		-0.06
63) Phenanthrene-d10	11.11	188	690511	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	341194	20.00	ng		-0.06
86) Perylene-d12	15.09	264	324158	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1124016	97.75	ng		-0.05
7) Phenol-d6	6.26	99	1495643	106.53	ng		-0.05
23) Nitrobenzene-d5	7.17	82	959332	78.55	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	371269	106.92	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1606743	77.29	ng		-0.05
78) Terphenyl-d14	12.69	244	1088729	77.39	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	129132	13.83	ng	#	75
25) Isophorone	7.17	82	951346	42.22	ng	#	65
37) 2-Methylnaphthalene	8.70	142	1684	Below Cal			95
49) Dimethylphthalate	9.36	163	464330	17.30	ng		99
56) 2,4-Dinitrotoluene	9.62	165	53787	7.30	ng	#	20
66) 4-Bromophenyl-phenylether	10.42	248	22440	3.12	ng	#	1
71) Anthracene	11.18	178	4789	Below Cal			97
73) Di-n-butylphthalate	11.68	149	6986	Below Cal		#	95
74) Fluoranthene	12.31	202	67639	Below Cal			95
76) Benzidine	12.69	184	13769	Below Cal		#	92
77) Pyrene	12.54	202	61135	2.44	ng		96
87) Benzo(b)fluoranthene	14.73	252	40664	2.01	ng	#	94
88) Benzo(k)fluoranthene	14.73	252	40664	2.36	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092222.D
Acq On : 12 Jan 2017 22:05
Operator : UM/SJ
Sample : I1030-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Quant Time: Jan 12 23:44:28 2017
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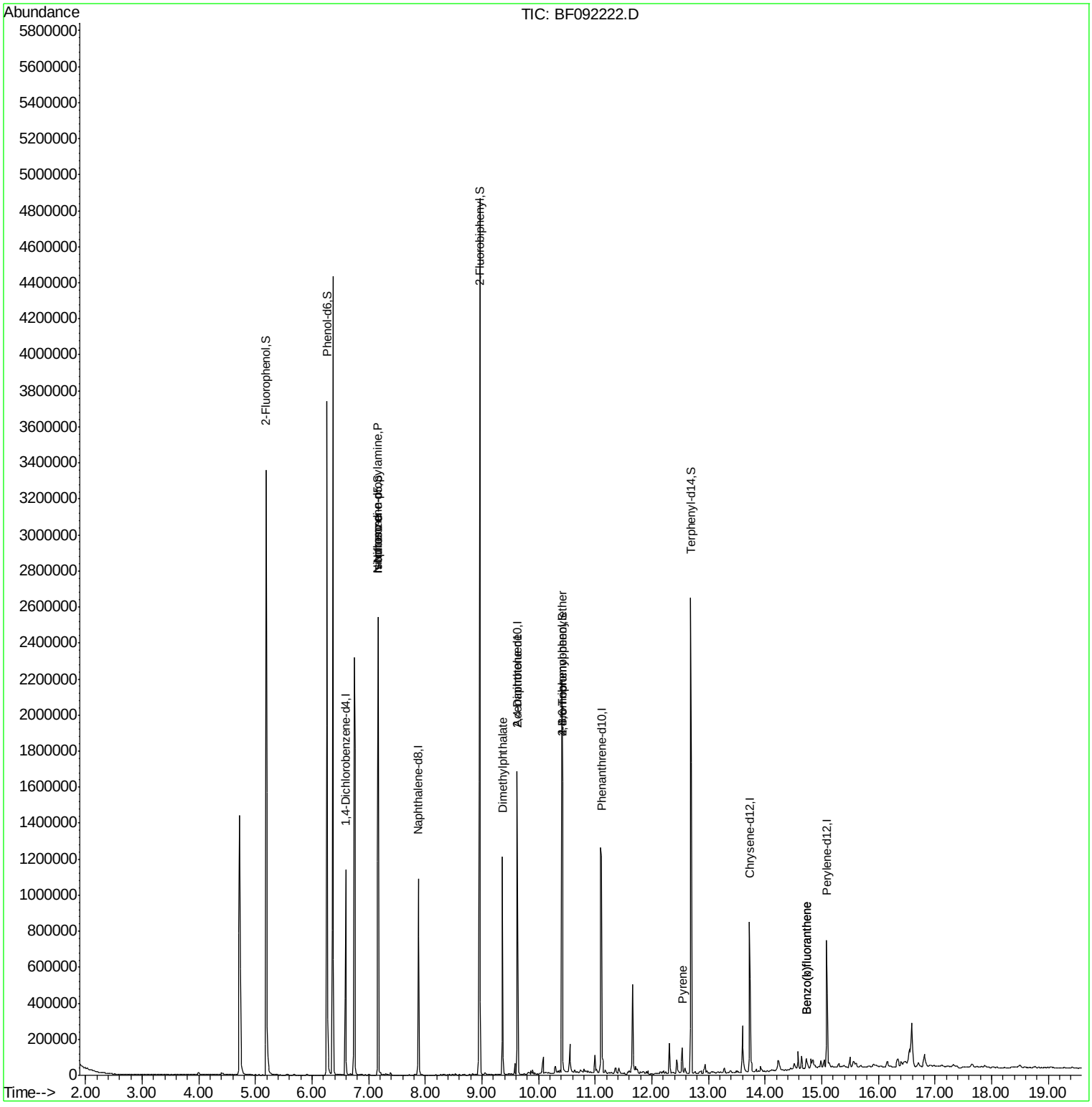
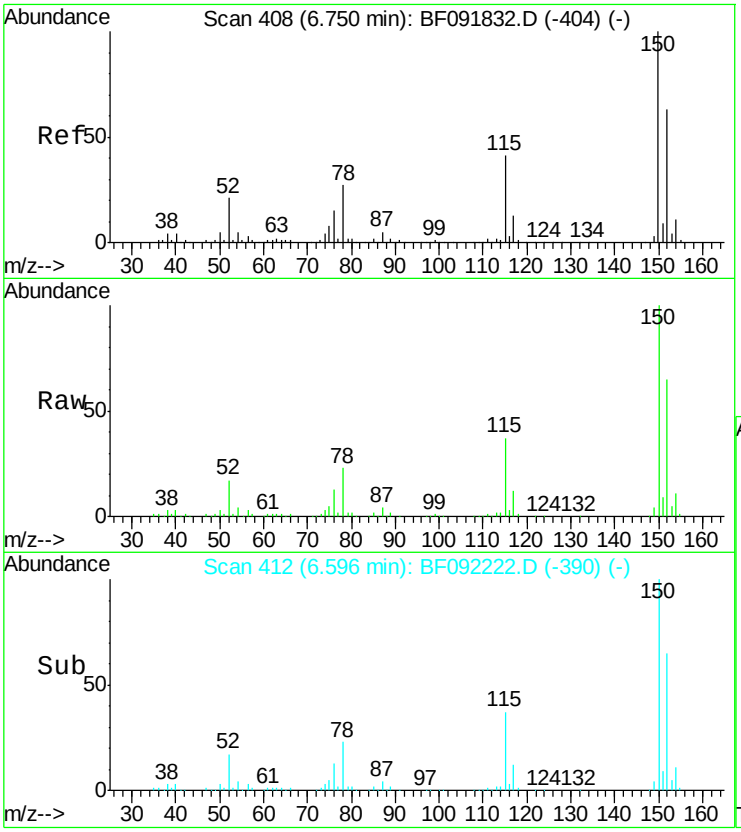
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration



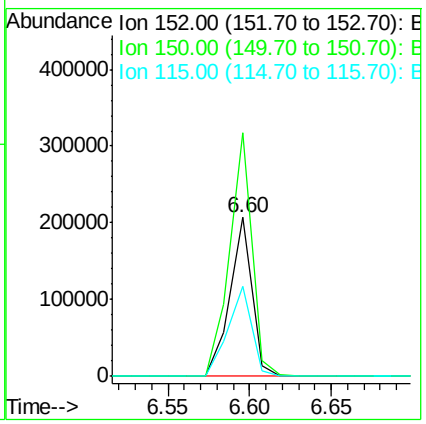


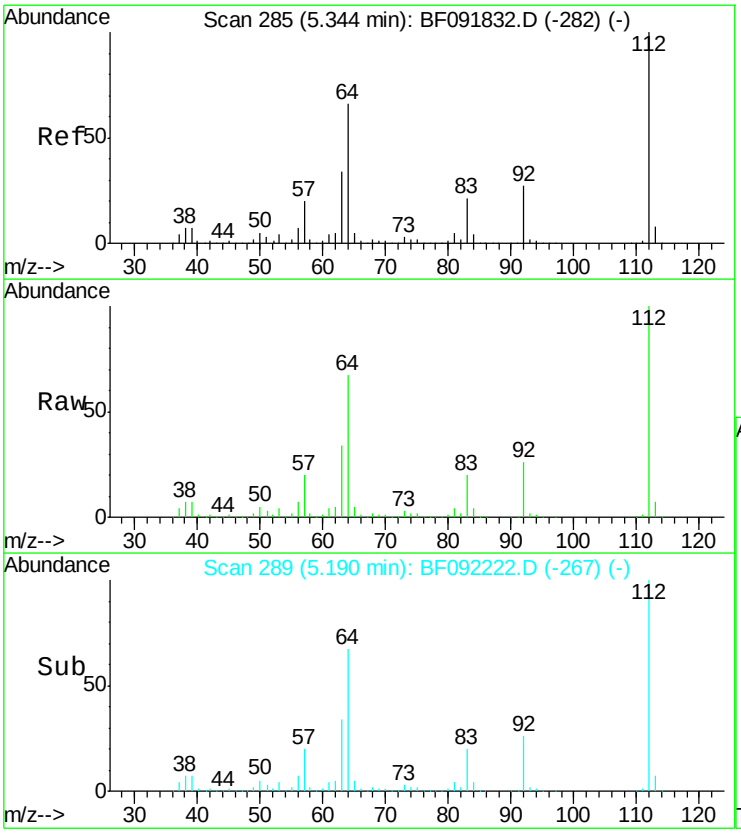
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:152 Resp: 192005

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.9	187.3
115	56.4	46.0	69.0

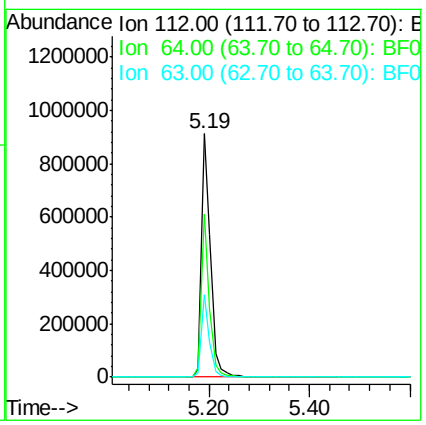


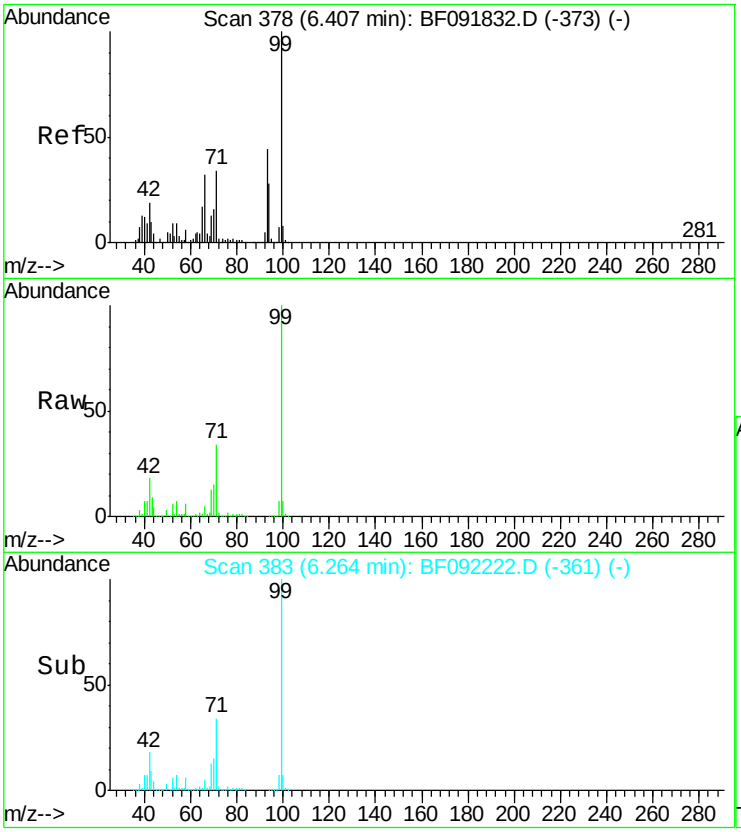


#5
2-Fluorophenol
Concen: 97.75 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:112 Resp: 1124016

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.1	69.1
63	34.0	23.8	35.6



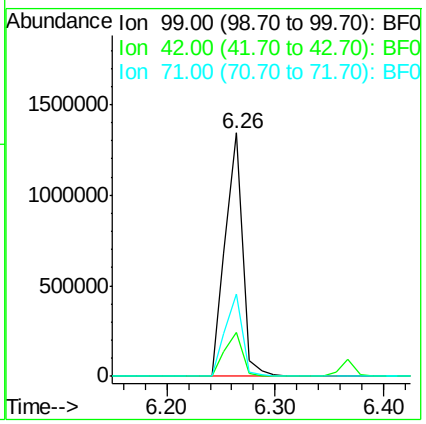


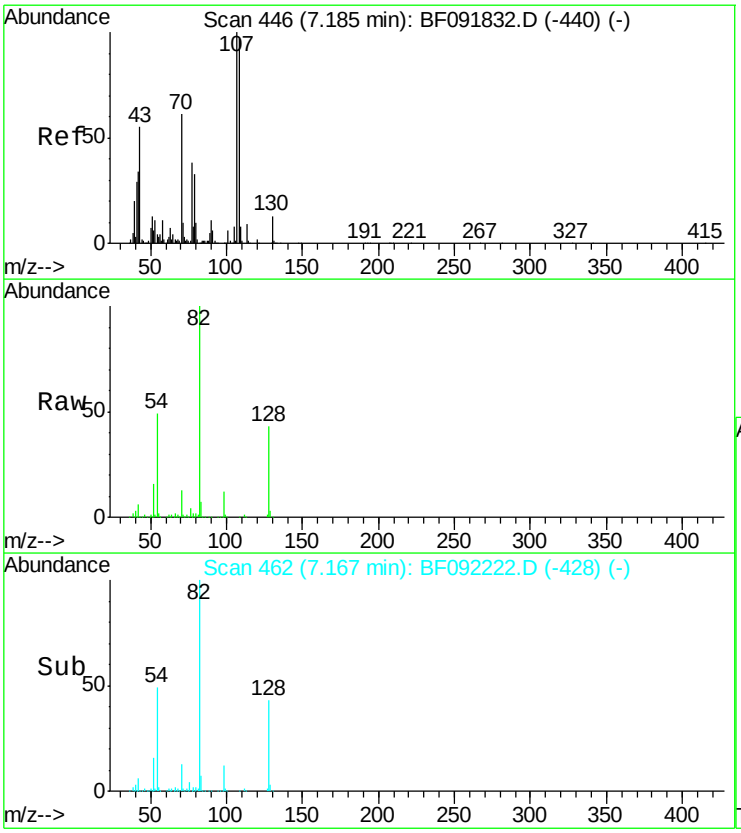
#7
Phenol-d6
Concen: 106.53 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion: 99 Resp: 1495643

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.6	23.4
71	33.8	27.5	41.3

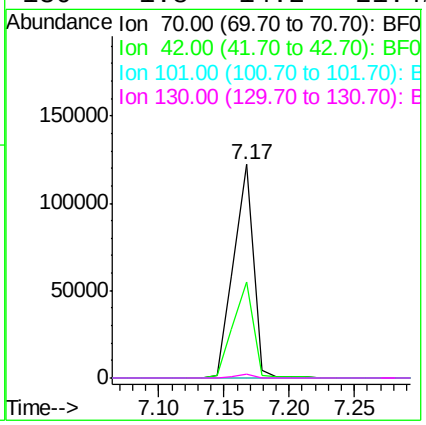


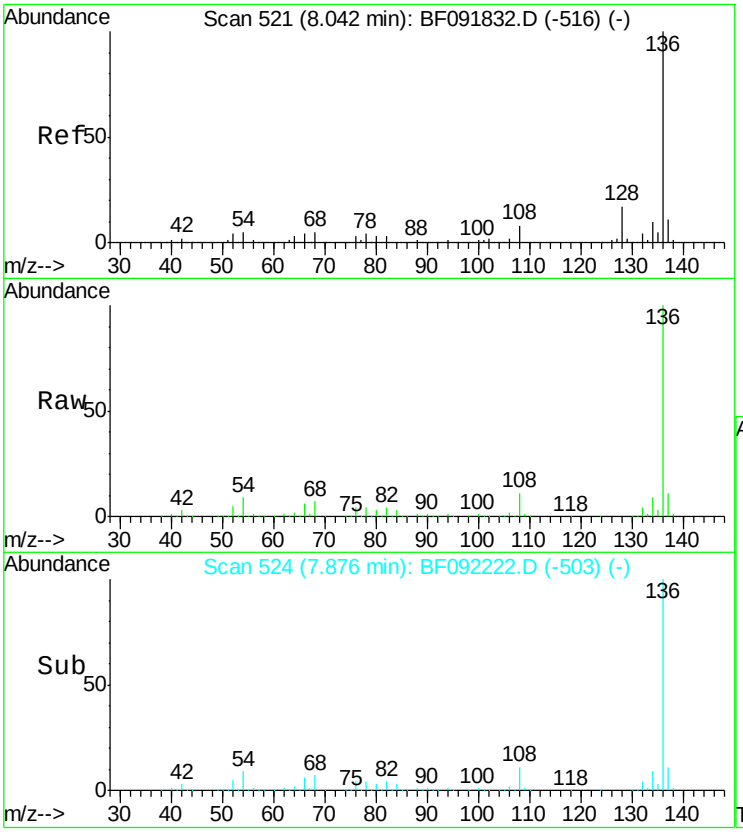


#19
n-Nitroso-di-n-propylamine
Concen: 13.83 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion: 70 Resp: 129132

Ion	Ratio	Lower	Upper
70	100		
42	44.7	49.4	74.0#
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



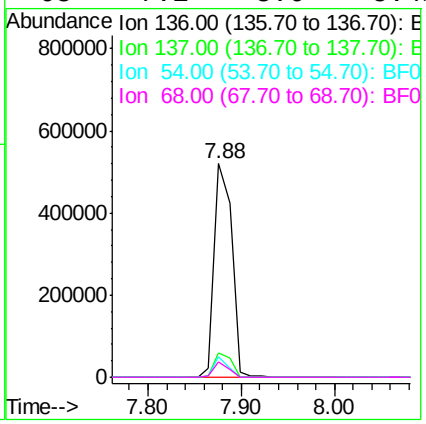


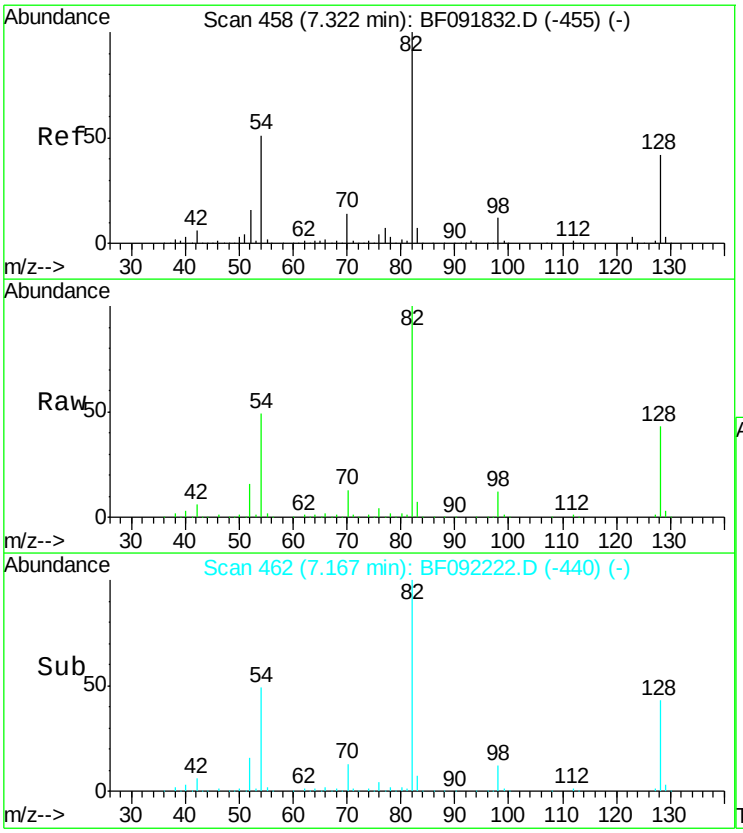
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:136 Resp: 679076

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.4	4.5	6.7#
68	7.1	3.6	5.4#

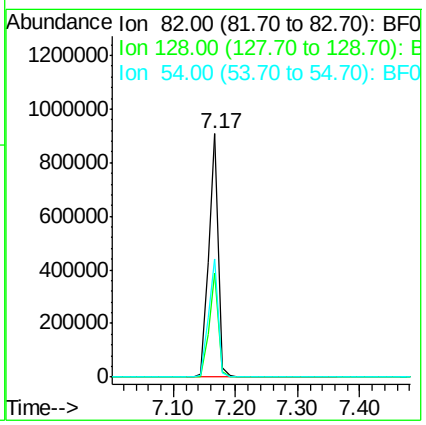


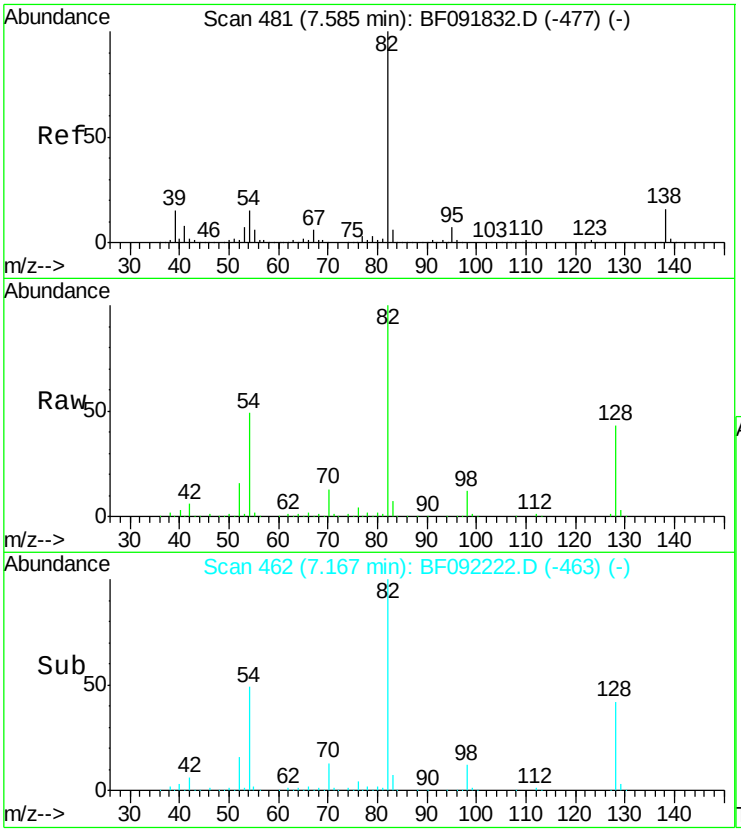


#23
Nitrobenzene-d5
Concen: 78.55 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion: 82 Resp: 959332

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	48.6	39.5	59.3



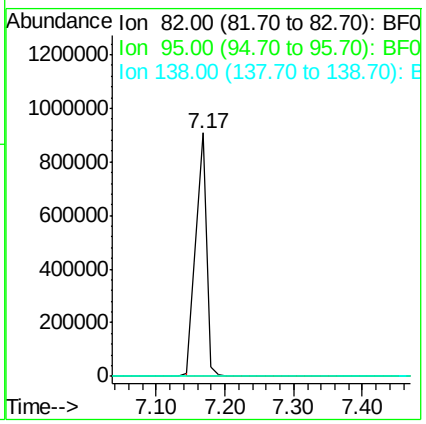


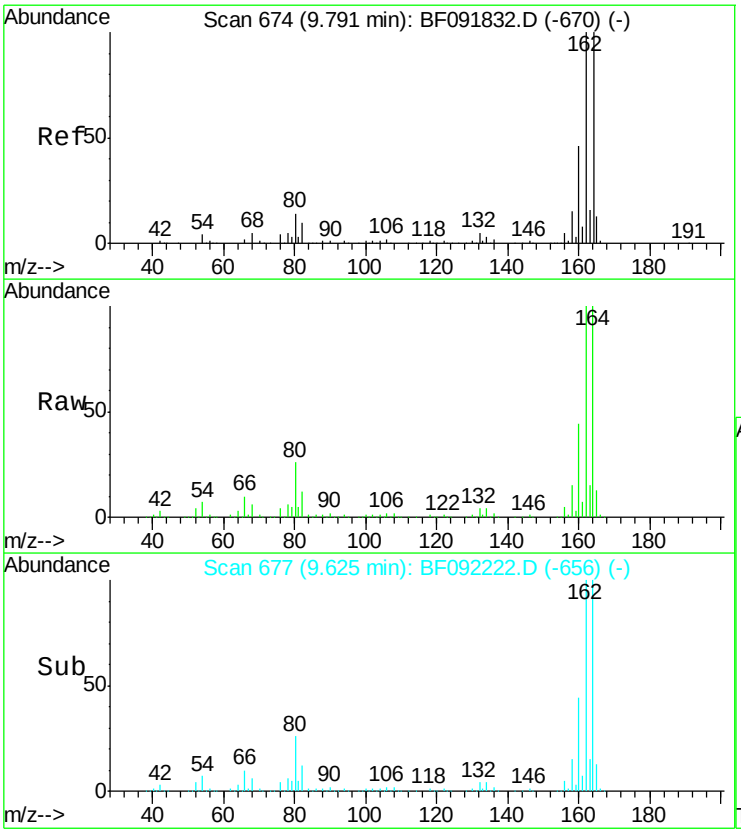
#25
Isophorone
Concen: 42.22 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion: 82 Resp: 951346

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

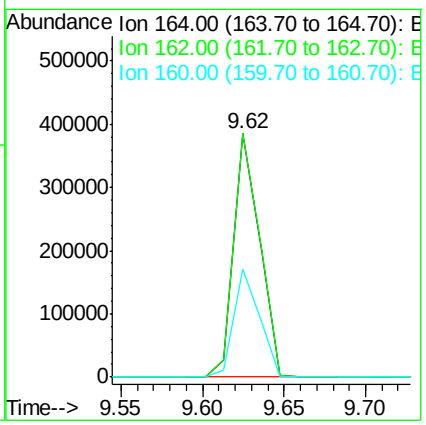


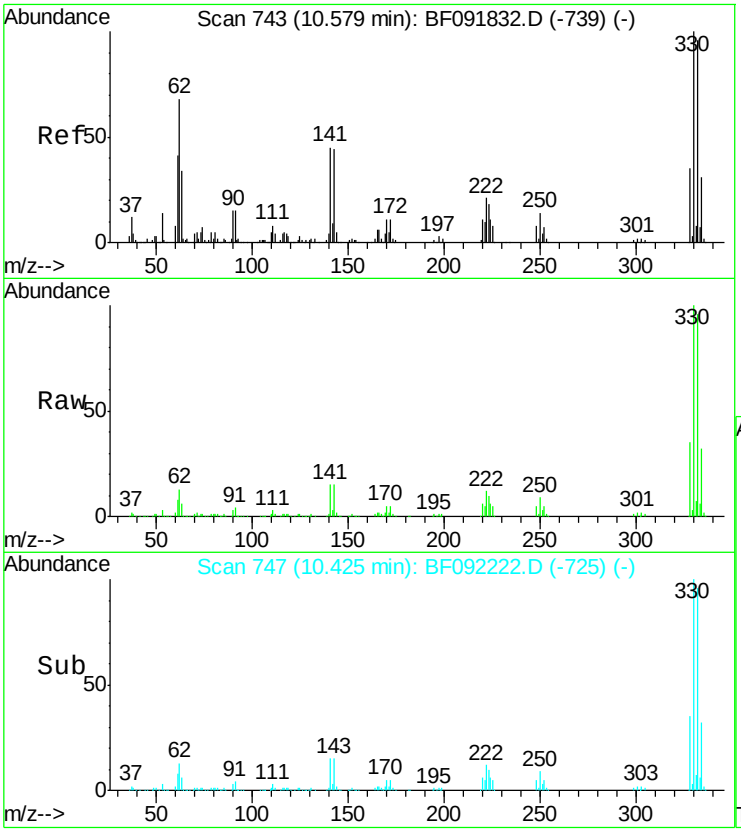


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:164 Resp: 419599

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.5	36.9	55.3



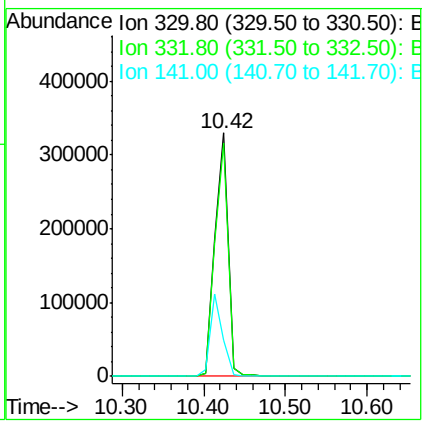


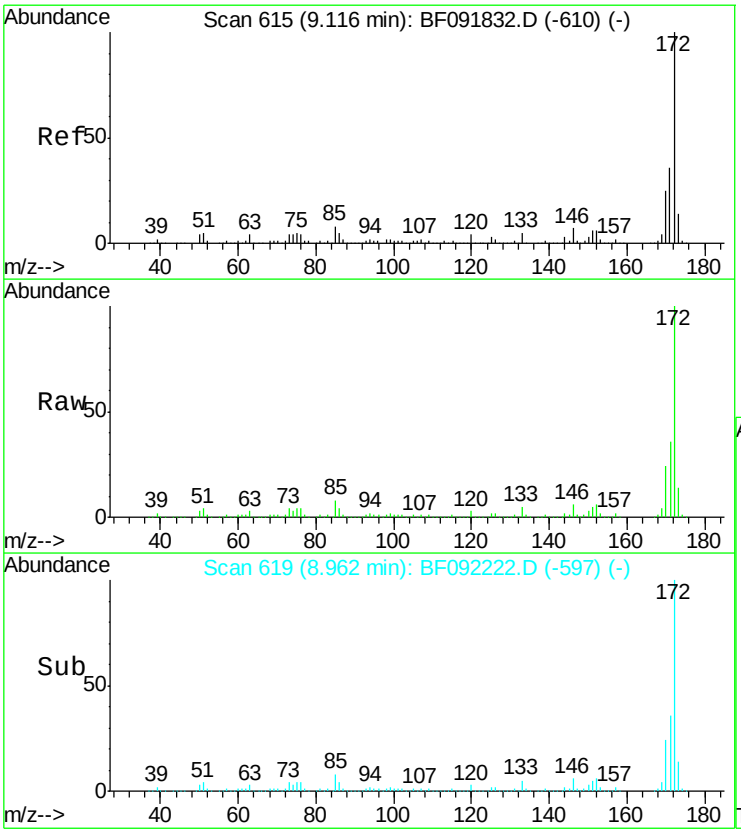
#41
2,4,6-Tribromophenol
Concen: 106.92 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:330 Resp: 371269

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	32.3	34.1	51.1#

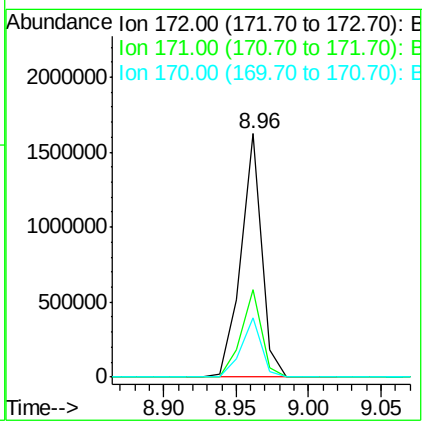


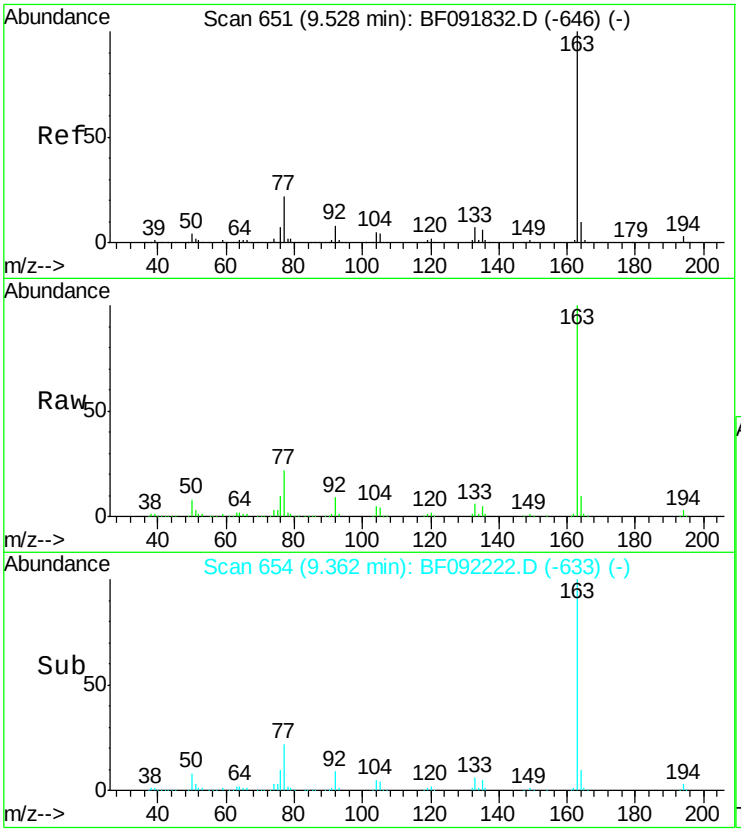


#44
2-Fluorobiphenyl
Concen: 77.29 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:172 Resp: 1606743

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4



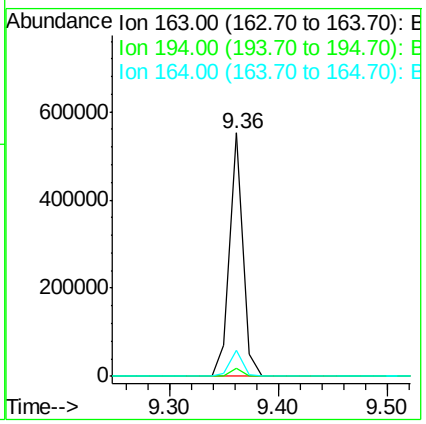


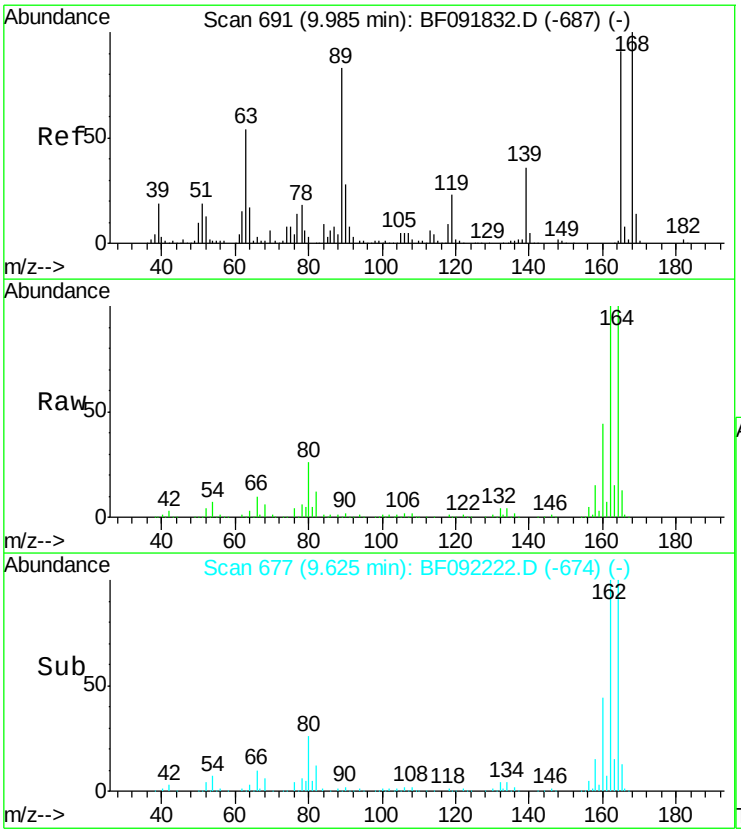
#49
Dimethylphthalate
Concen: 17.30 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:163 Resp: 464330

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0

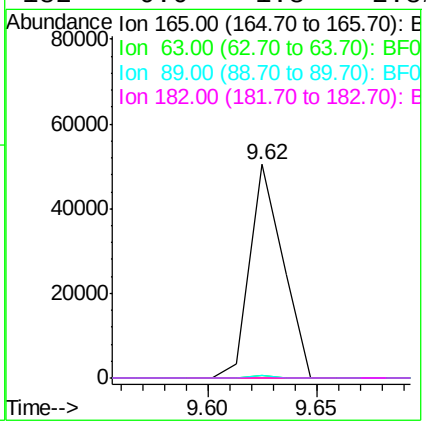


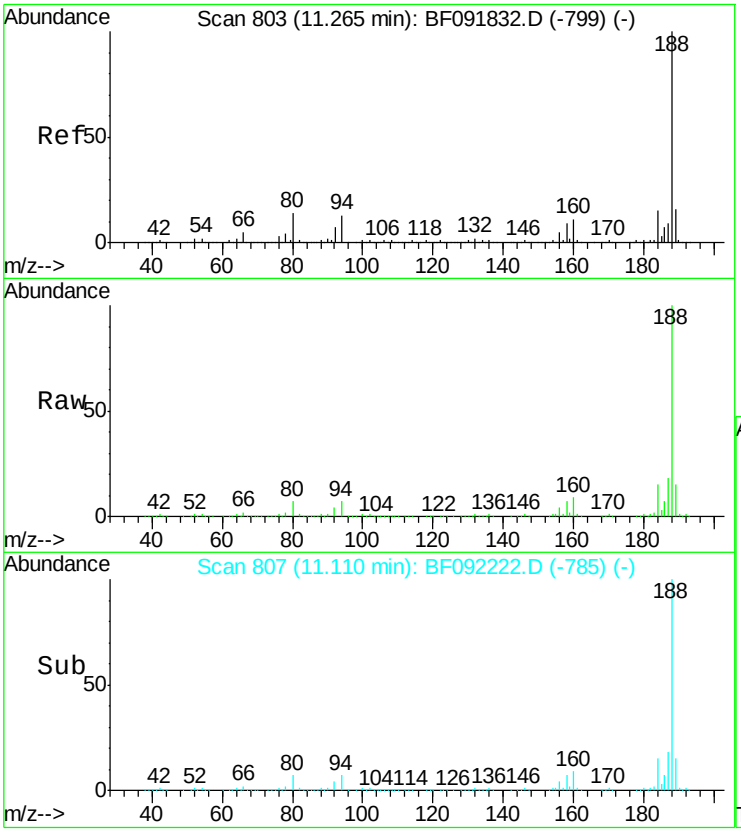


#56
2,4-Dinitrotoluene
Concen: 7.30 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:165 Resp: 53787

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



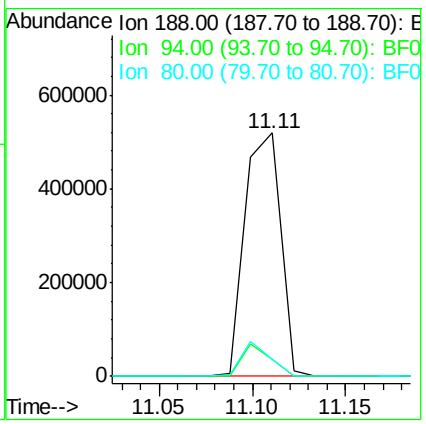


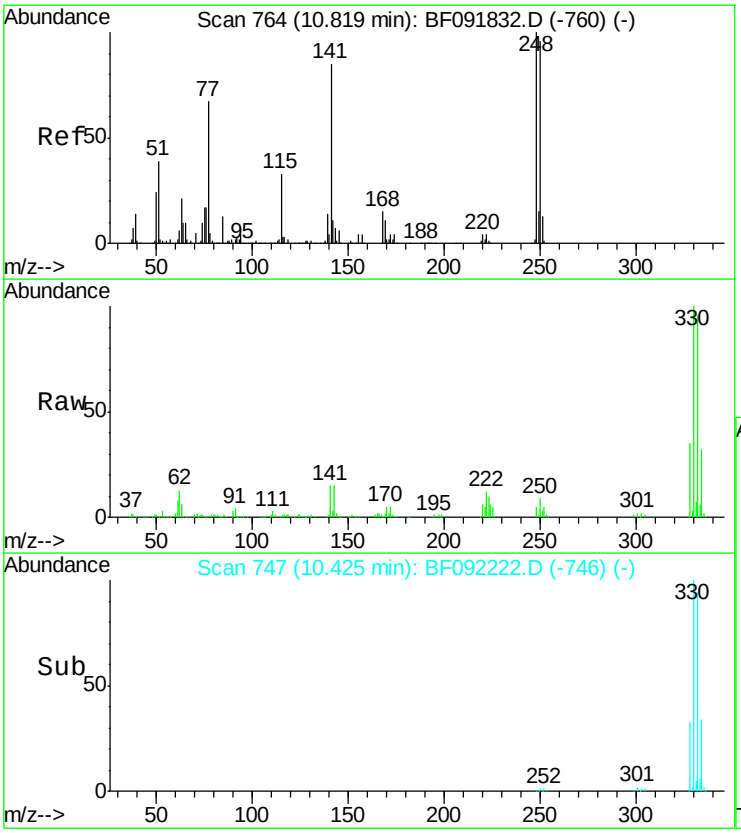
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:188 Resp: 690511

Ion	Ratio	Lower	Upper
188	100		
94	7.1	10.0	15.0#
80	7.1	11.2	16.8#

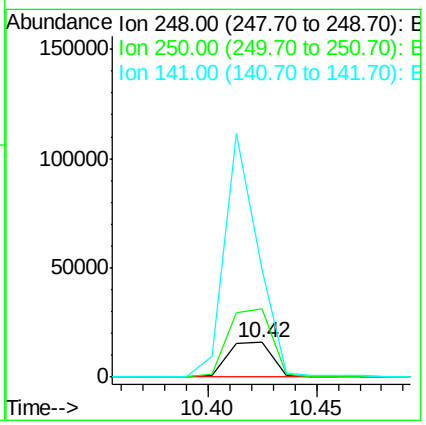


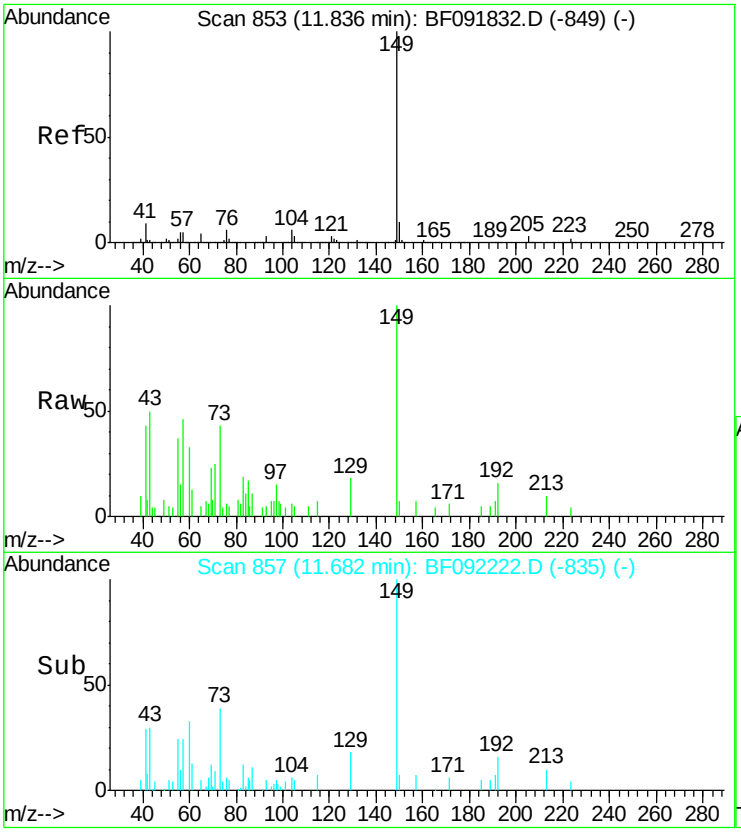


#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:248 Resp: 22440

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.9	115.3#
141	308.6	68.2	102.4#



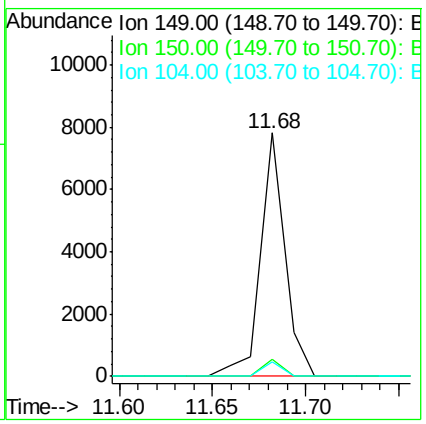


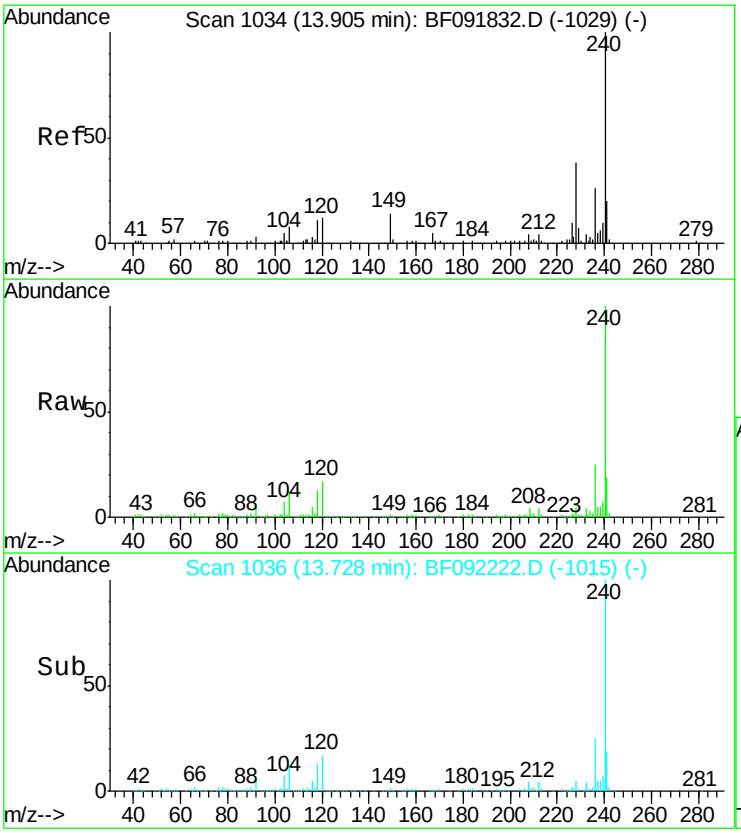
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument : BNA_F
ClientSampleId : COMP-0017

Tgt Ion:149 Resp: 6986

Ion	Ratio	Lower	Upper
149	100		
150	7.2	8.1	12.1#
104	5.7	4.6	7.0

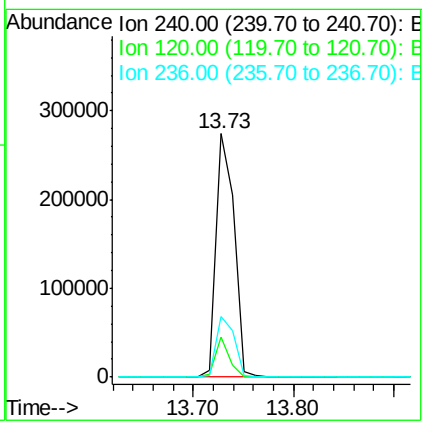


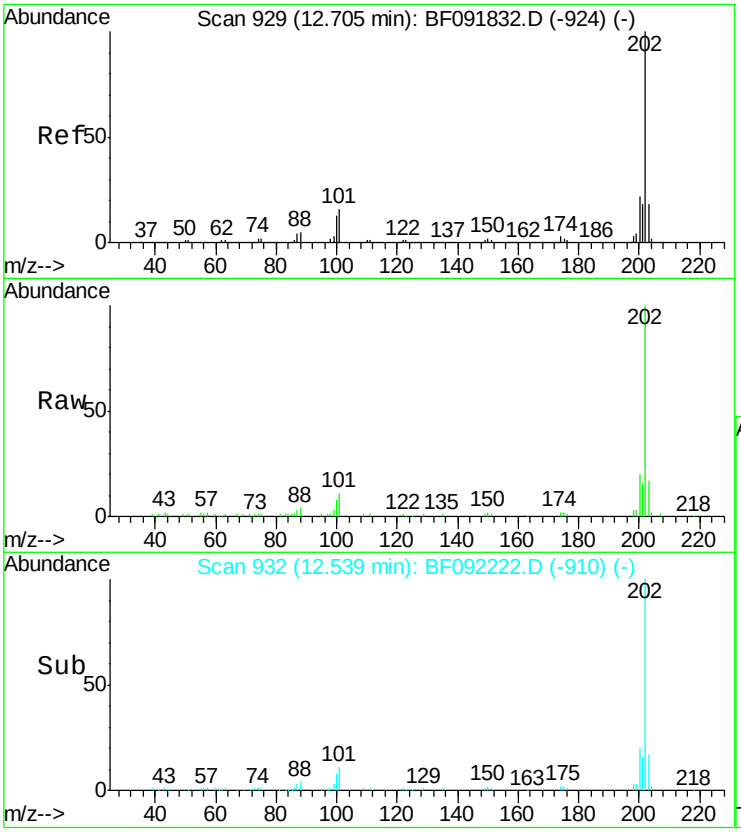


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:240 Resp: 341194

Ion	Ratio	Lower	Upper
240	100		
120	16.5	12.9	19.3
236	25.0	20.9	31.3



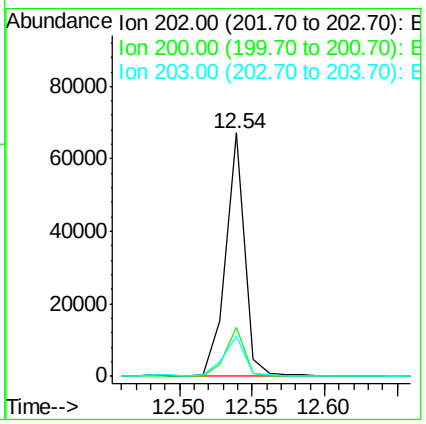


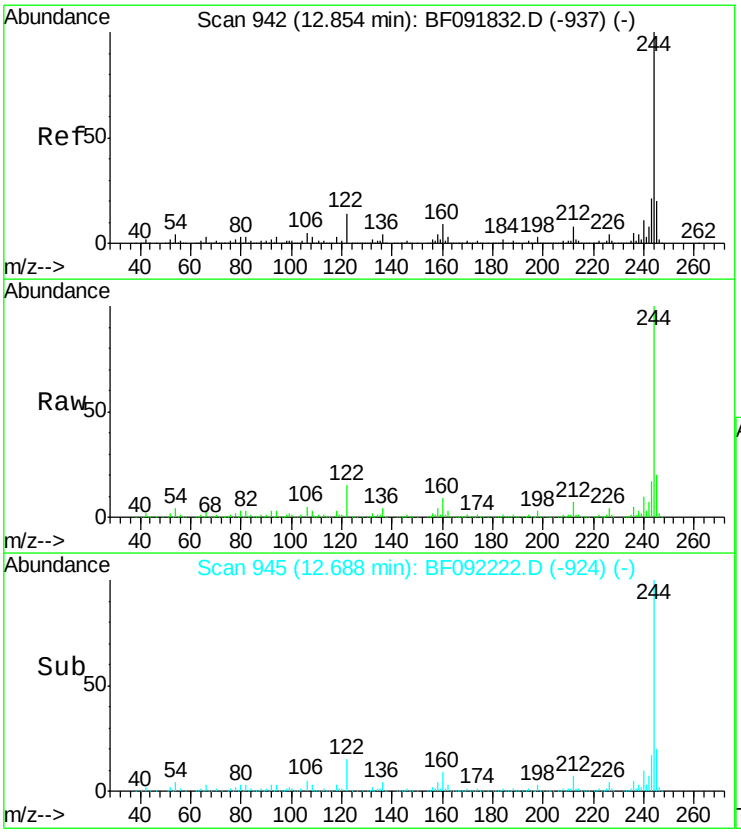
#77
Pyrene
Concen: 2.44 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:202 Resp: 61135

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	16.5	14.7	22.1

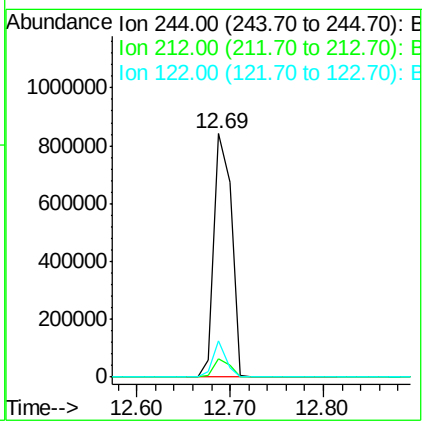


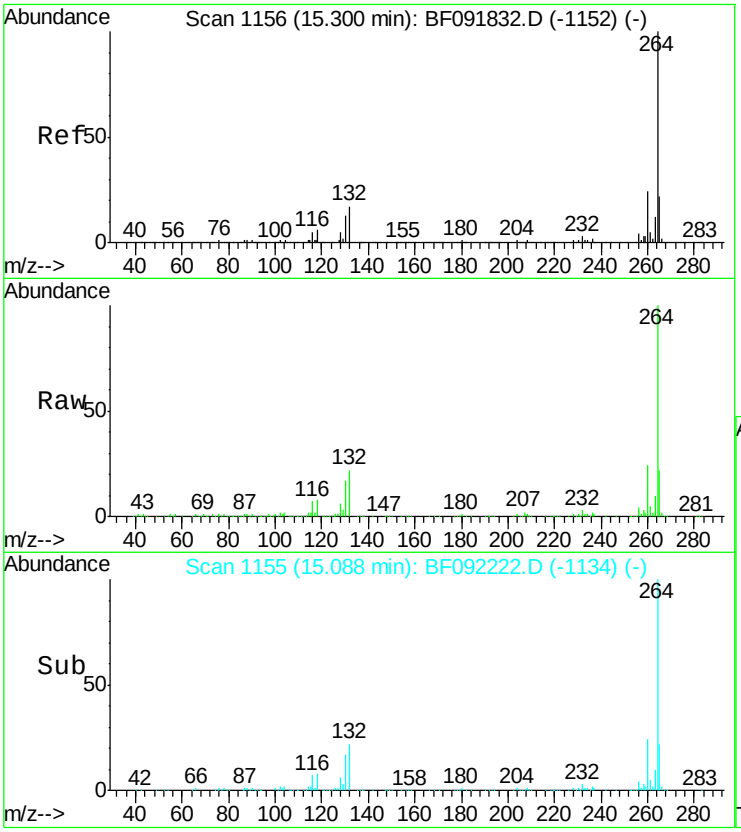


#78
Terphenyl-d14
Concen: 77.39 ng
RT: 12.69 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:244 Resp: 1088729

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	14.8	11.4	17.2



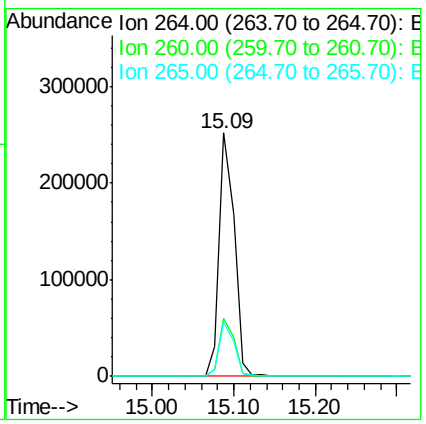


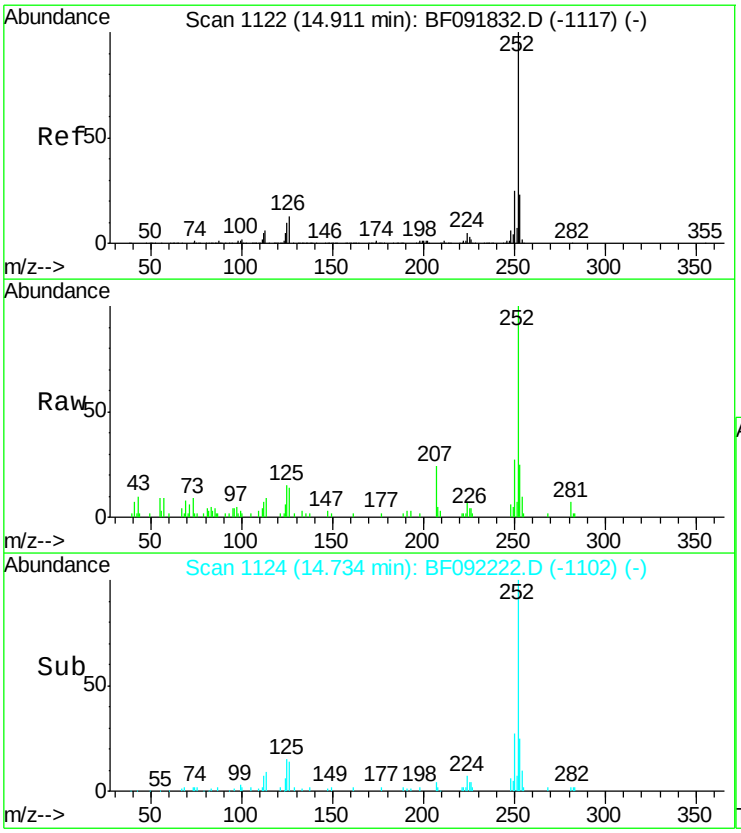
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:264 Resp: 324158

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.4	26.0

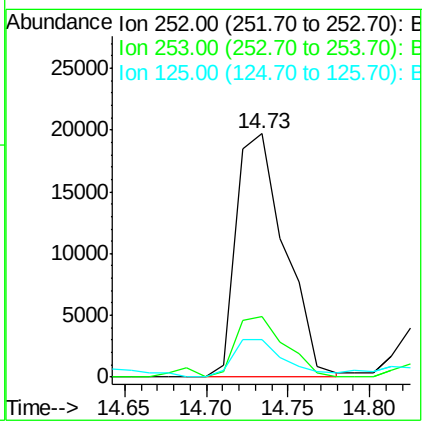


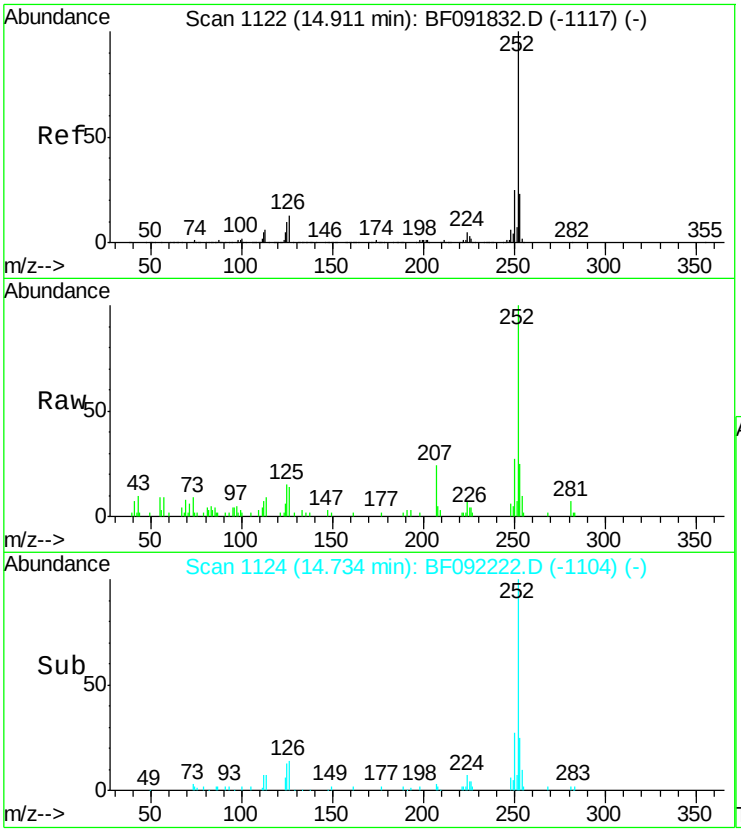


#87
Benzo(b)fluoranthene
Concen: 2.01 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Tgt Ion:252 Resp: 40664

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	15.2	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 2.36 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF092222.D
Acq: 12 Jan 2017 22:05

Instrument :
BNA_F
ClientSampleId :
COMP-0017

Tgt Ion:252 Resp: 40664

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.5	27.7
125	15.2	8.9	13.3#