Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092226.D
Acq On : 13 Jan 2017 00:00
Operator : UM/SJ
Sample : I1030-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-0011

Quant Time: Jan 13 00:35:49 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	189673	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	604001	20.00	ng		-0.06
38) Acenaphthene-d10	9.62	164	339581	20.00	ng		-0.06
63) Phenanthrene-d10	11.11	188	547254	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	339350	20.00	ng		-0.06
86) Perylene-d12	15.09	264	335103	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1540734	135.63	ng		-0.05
7) Phenol-d6	6.26	99	1878586	135.45	ng		-0.05
23) Nitrobenzene-d5	7.17	82	910457	83.82	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	345718	123.02	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1495729	91.19	ng		-0.05
78) Terphenyl-d14	12.69	244	1120201	80.06	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.28	94	132860	8.41	ng	#	65
19) n-Nitroso-di-n-propylamine	7.17	70	124563	13.50	ng	#	74
25) Isophorone	7.17	82	902996	45.06	ng	#	65
37) 2-Methylnaphthalene	8.60	142	1047	Below Cal		#	77
49) Dimethylphthalate	9.36	163	267582	12.32	ng		100
56) 2,4-Dinitrotoluene	9.62	165	42913	7.19	ng	#	20
66) 4-Bromophenyl-phenylether	10.41	248	21438	3.77	ng	#	1
71) Anthracene	11.18	178	2478	Below Cal			97
73) Di-n-butylphthalate	11.68	149	5468	Below Cal		#	93
74) Fluoranthene	12.31	202	44810	Below Cal			96
76) Benzidine	12.69	184	13862	Below Cal		#	94

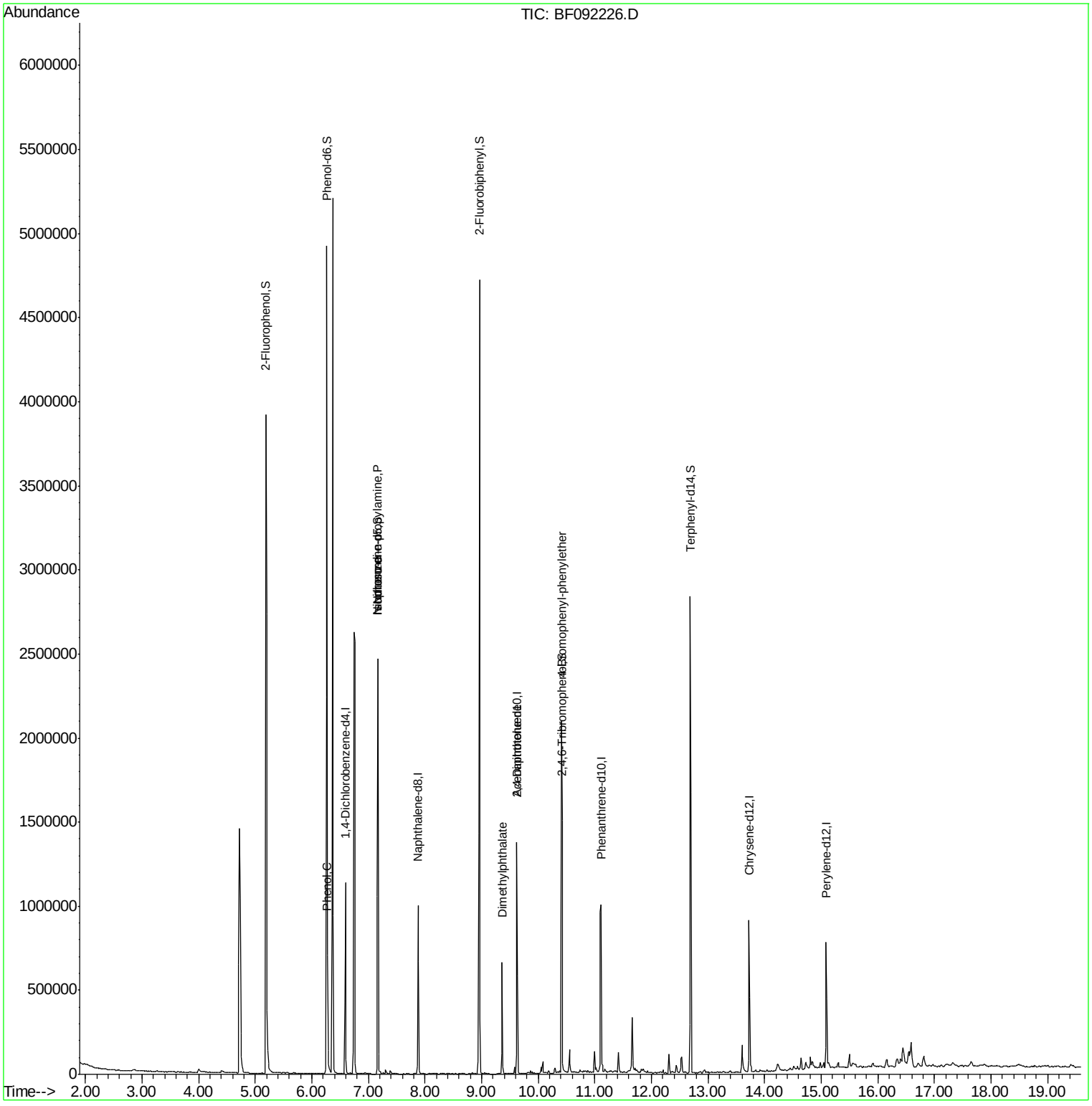
(#) = qualifier out of range (m) = manual integration (+) = signals summed

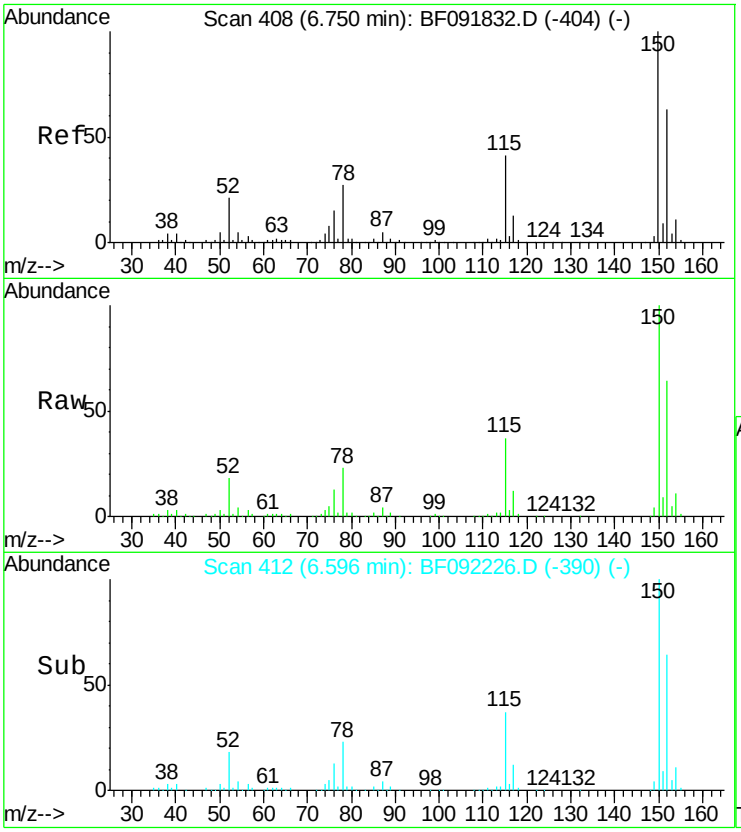
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092226.D
Acq On : 13 Jan 2017 00:00
Operator : UM/SJ
Sample : I1030-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Quant Time: Jan 13 00:35:49 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



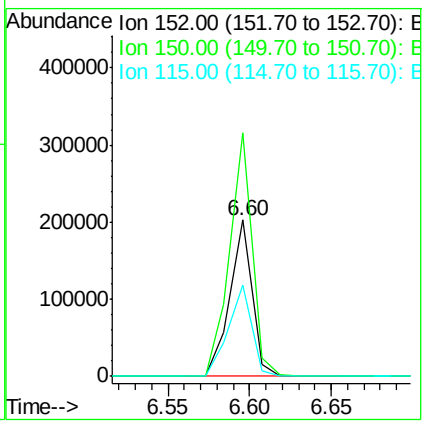


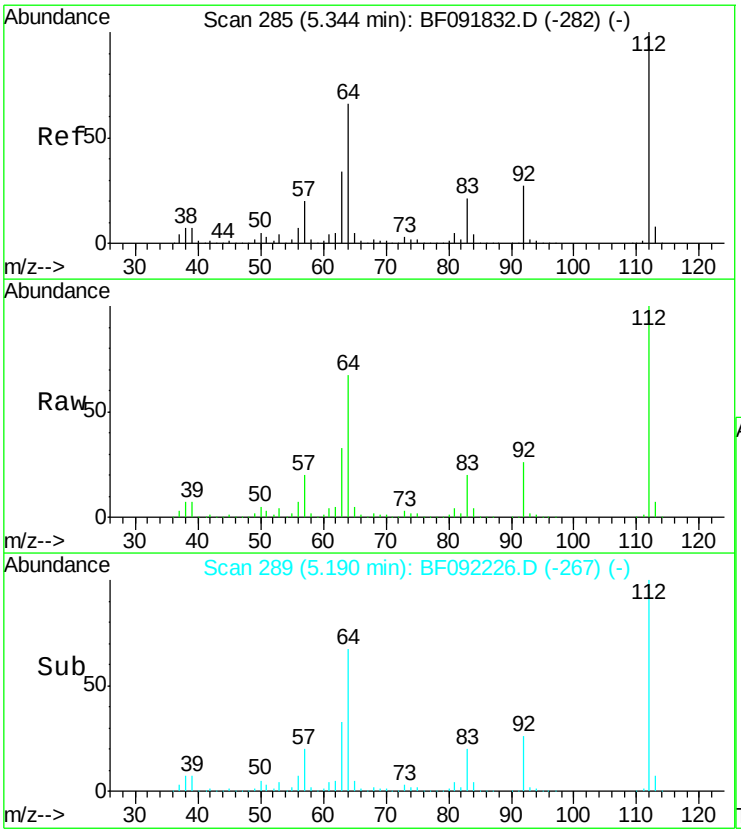
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:152 Resp: 189673

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.9	187.3
115	58.2	46.0	69.0

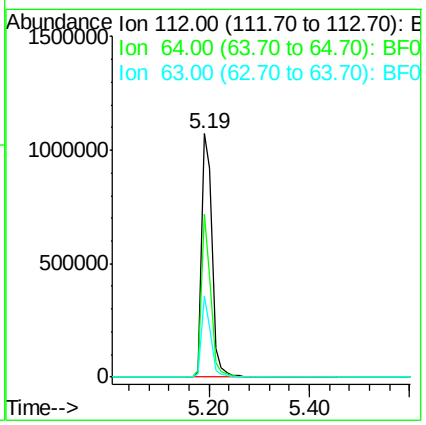


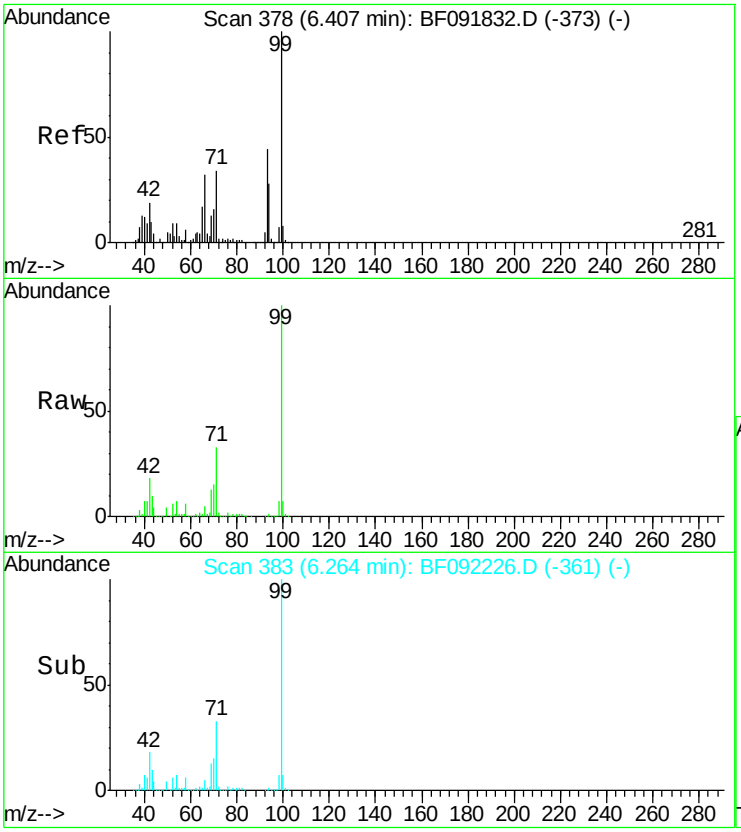


#5
2-Fluorophenol
Concen: 135.63 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:112 Resp: 1540734

Ion	Ratio	Lower	Upper
112	100		
64	66.7	46.1	69.1
63	33.3	23.8	35.6



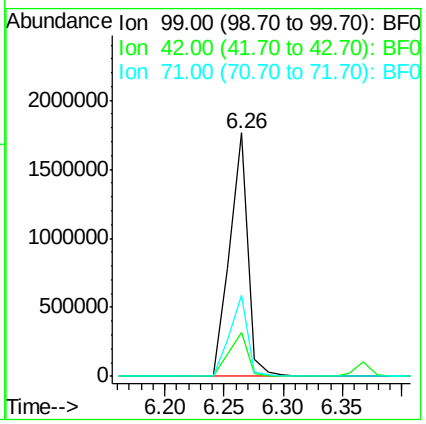


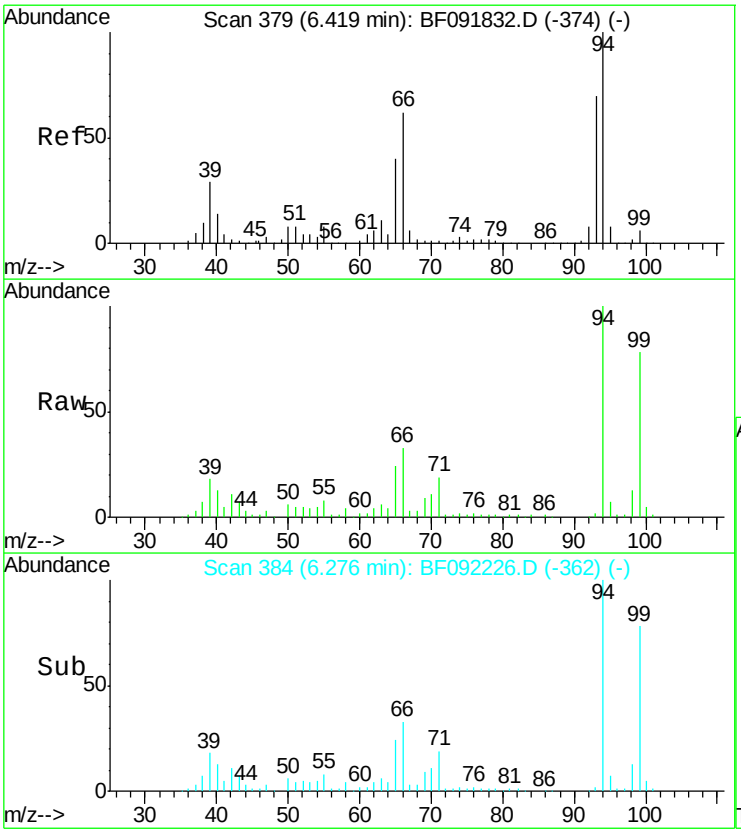
#7
Phenol-d6
Concen: 135.45 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion: 99 Resp: 1878586

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.6	23.4
71	33.1	27.5	41.3

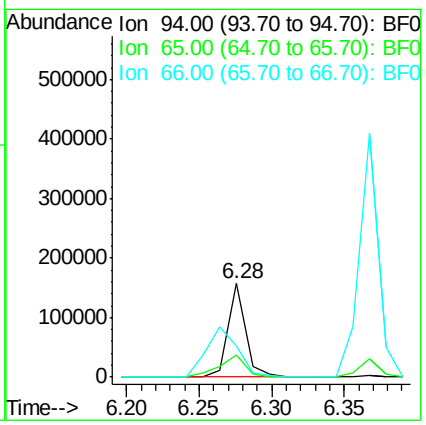


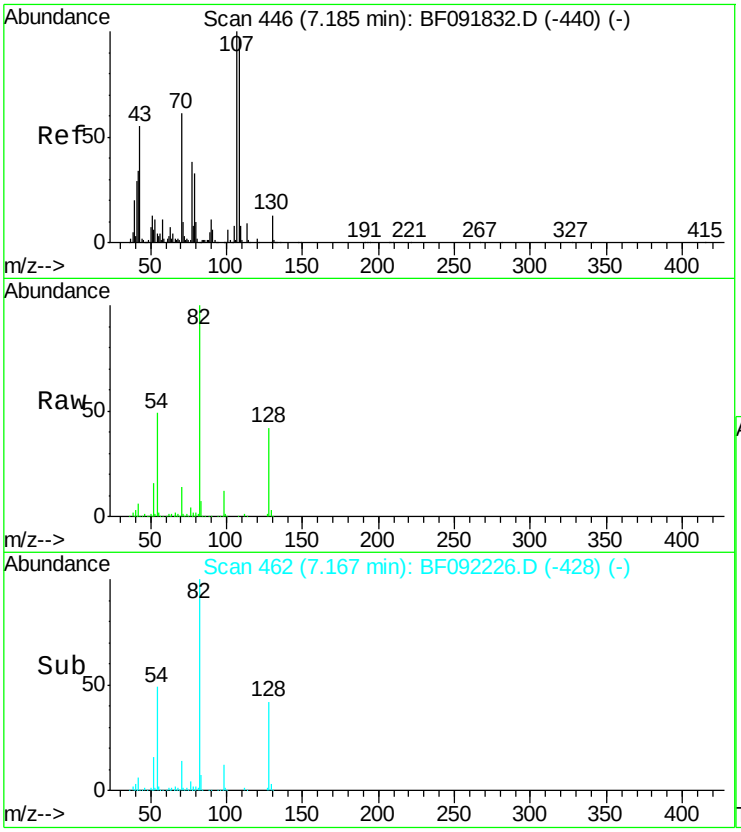


#10
Phenol
Concen: 8.41 ng
RT: 6.28 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion: 94 Resp: 132860

Ion	Ratio	Lower	Upper
94	100		
65	24.0	21.4	61.4
66	33.2	44.0	84.0#



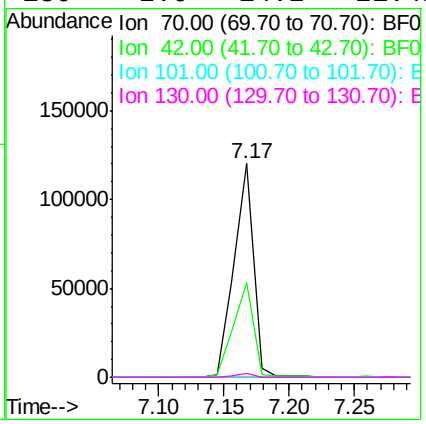


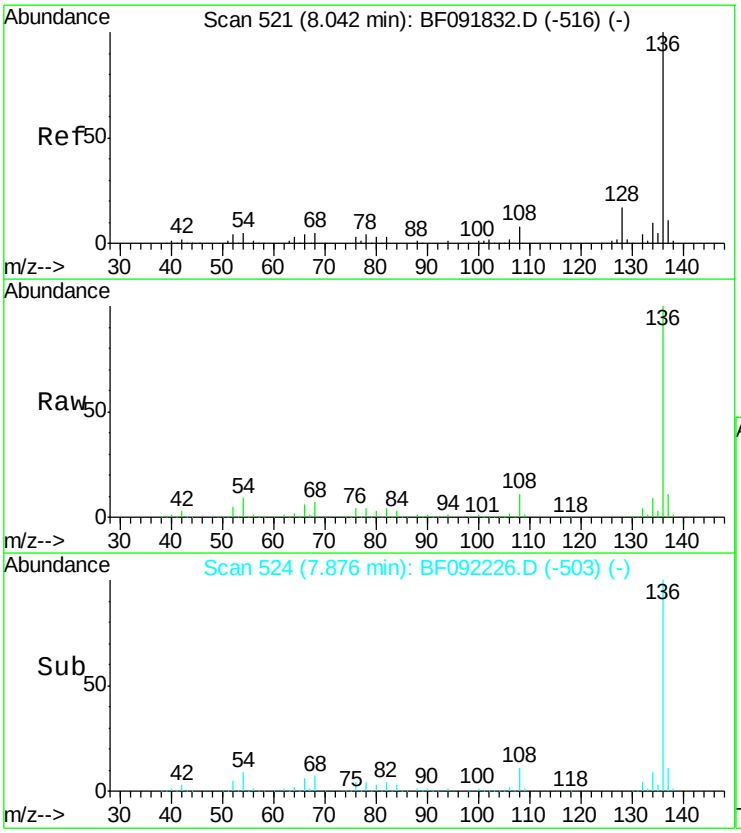
#19
n-Nitroso-di-n-propylamine
Concen: 13.50 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion: 70 Resp: 124563

Ion	Ratio	Lower	Upper
70	100		
42	44.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

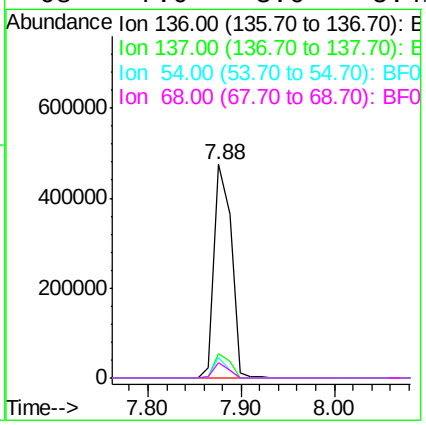


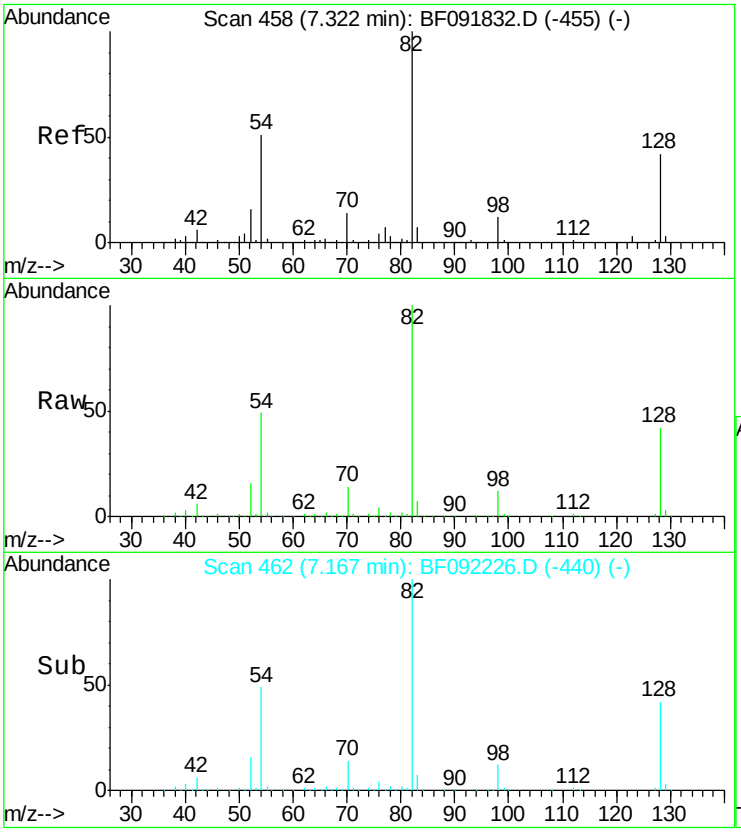


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:136 Resp: 604001

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.5	4.5	6.7#
68	7.0	3.6	5.4#



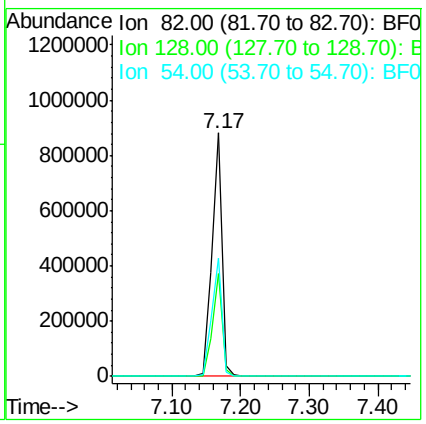


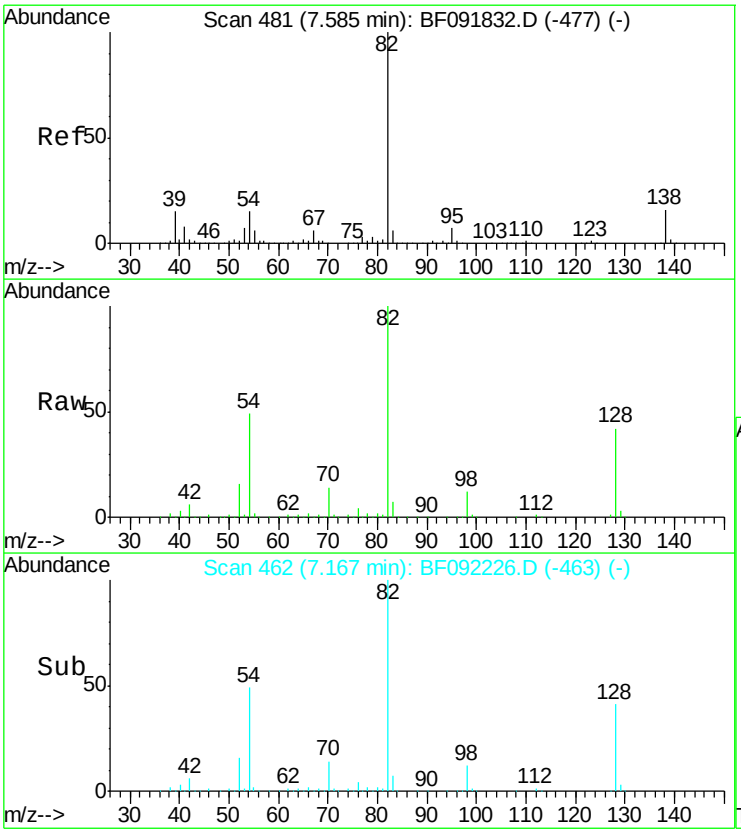
#23
Nitrobenzene-d5
Concen: 83.82 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion: 82 Resp: 910457

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	48.6	39.5	59.3

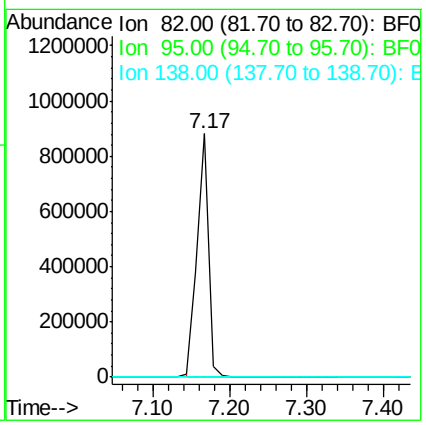


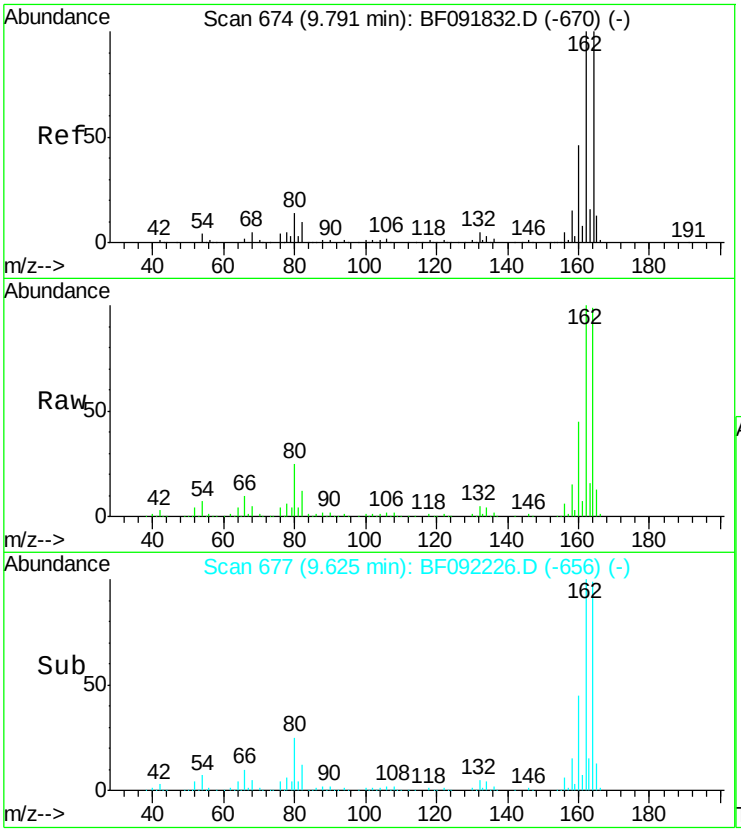


#25
Isophorone
Concen: 45.06 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion: 82 Resp: 902996

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



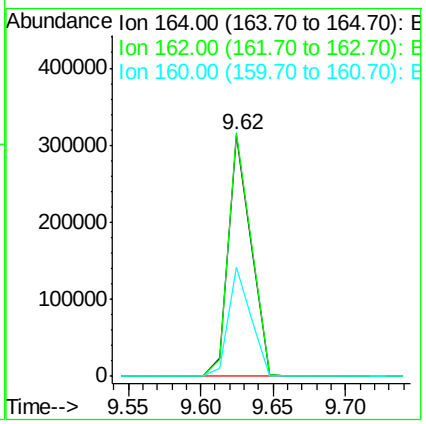


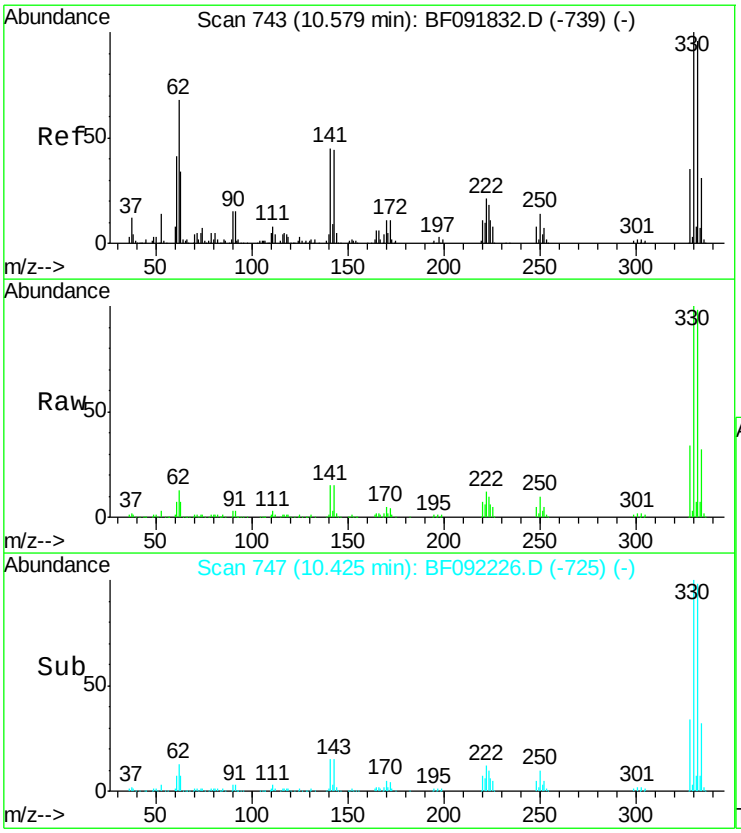
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:164 Resp: 339581

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	45.3	36.9	55.3

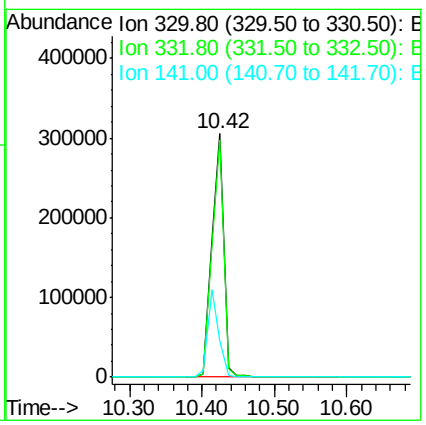


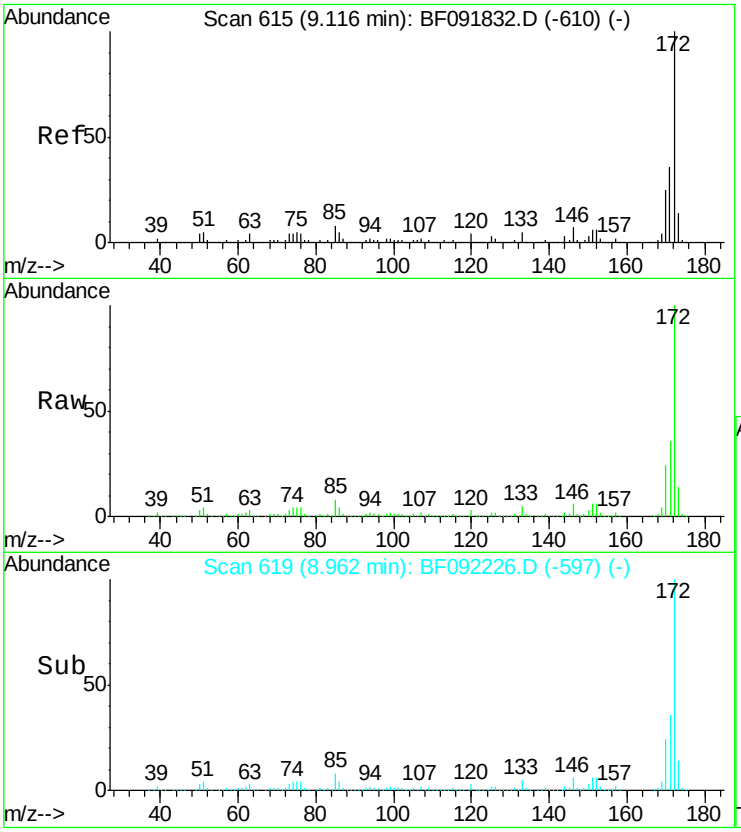


#41
2,4,6-Tribromophenol
Concen: 123.02 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:330 Resp: 345718

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	33.7	34.1	51.1#



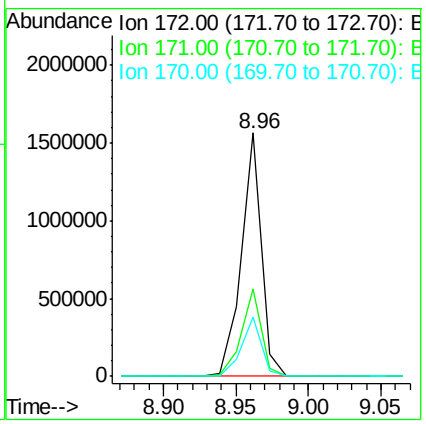


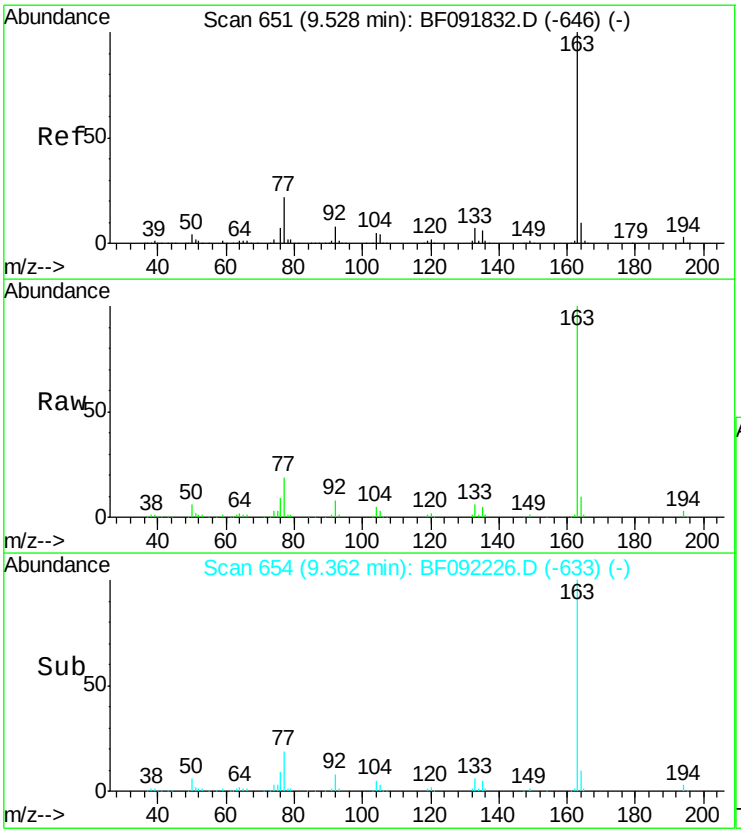
#44
2-Fluorobiphenyl
Concen: 91.19 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:172 Resp: 1495729

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4

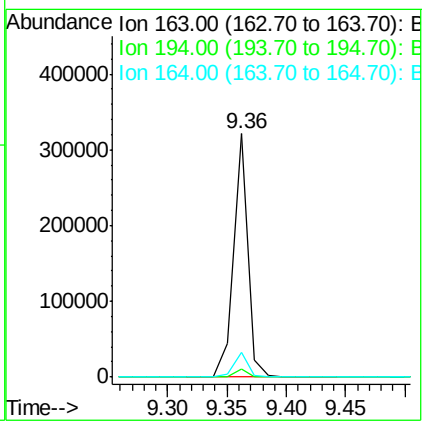


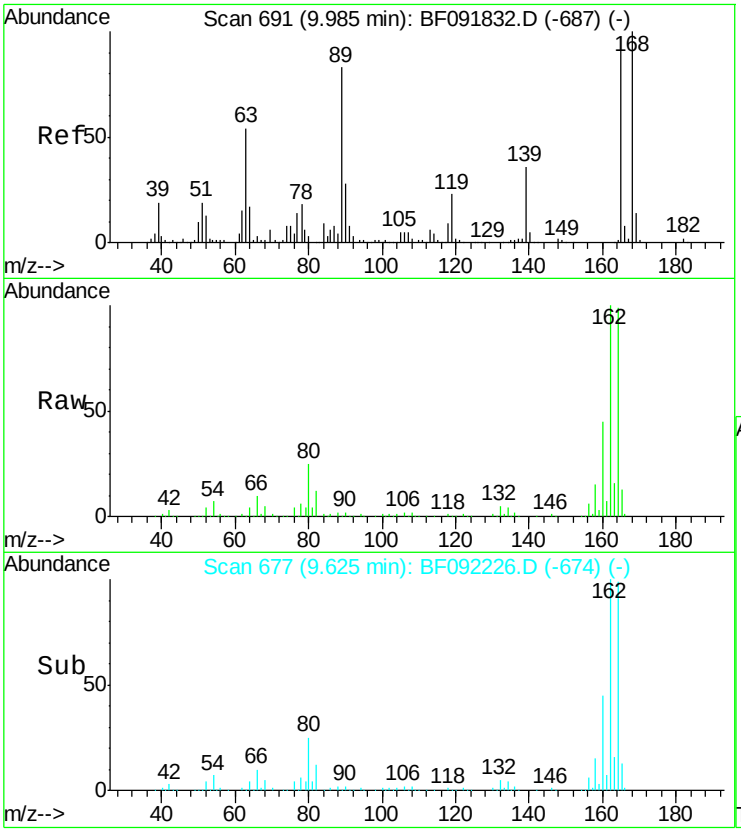


#49
Dimethylphthalate
Concen: 12.32 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:163 Resp: 267582

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.0	8.0	12.0



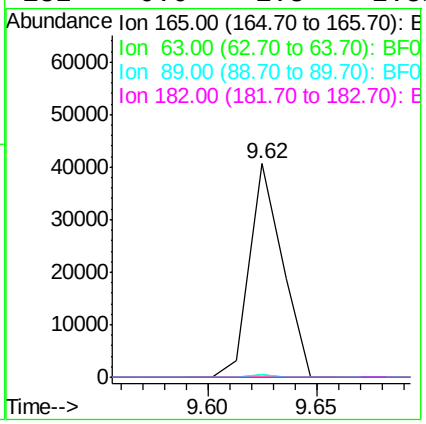


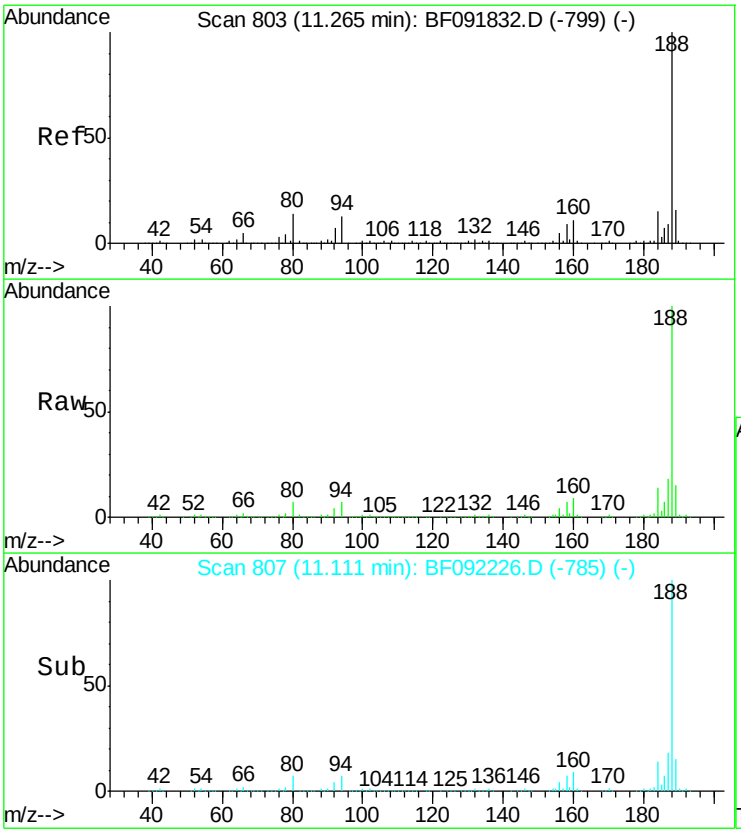
#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:165 Resp: 42913

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

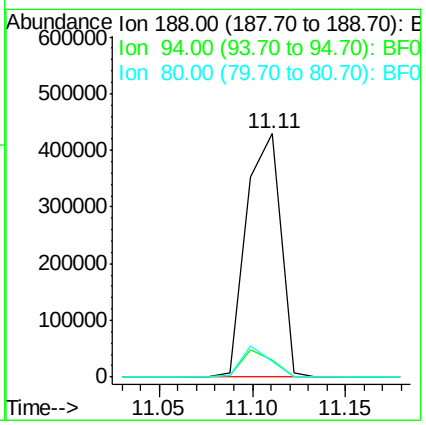


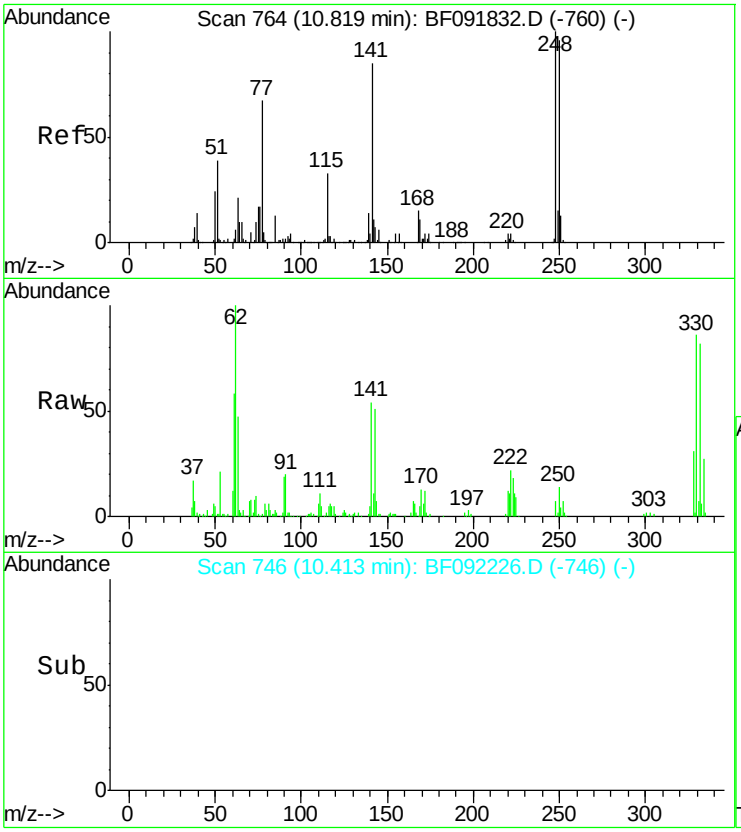


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:188 Resp: 547254

Ion	Ratio	Lower	Upper
188	100		
94	6.8	10.0	15.0#
80	6.7	11.2	16.8#



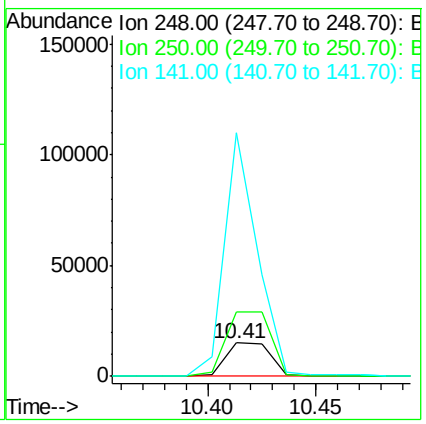


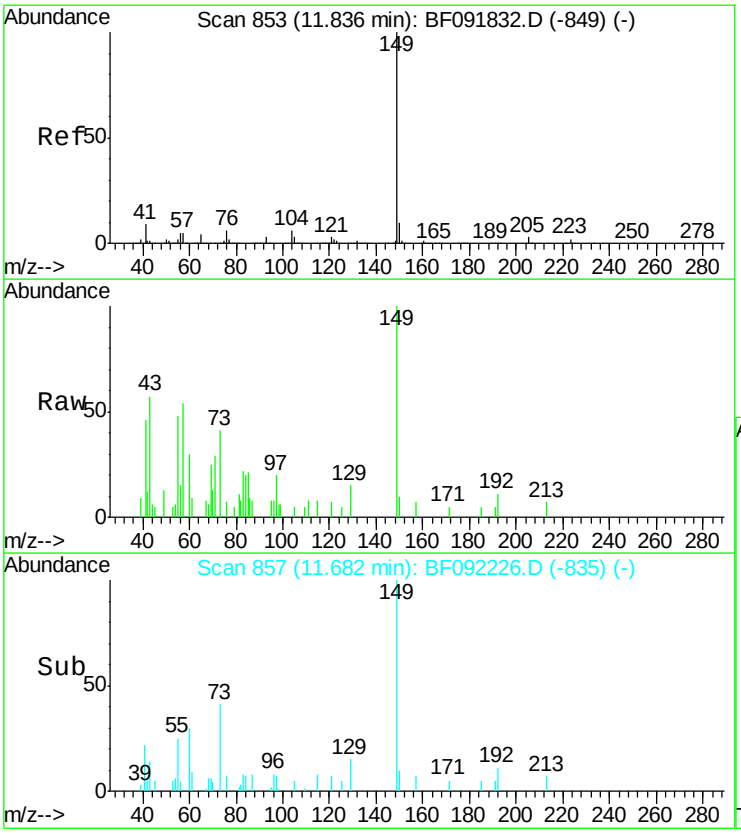
#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.30 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:248 Resp: 21438

Ion	Ratio	Lower	Upper
248	100		
250	192.4	76.9	115.3#
141	729.9	68.2	102.4#

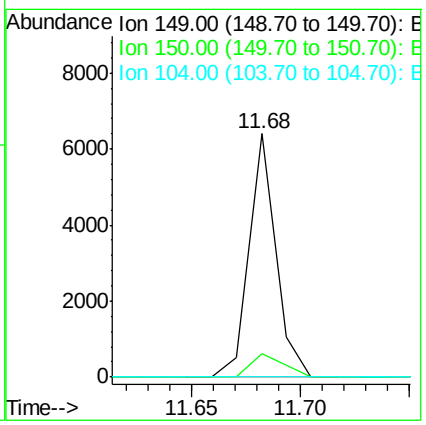


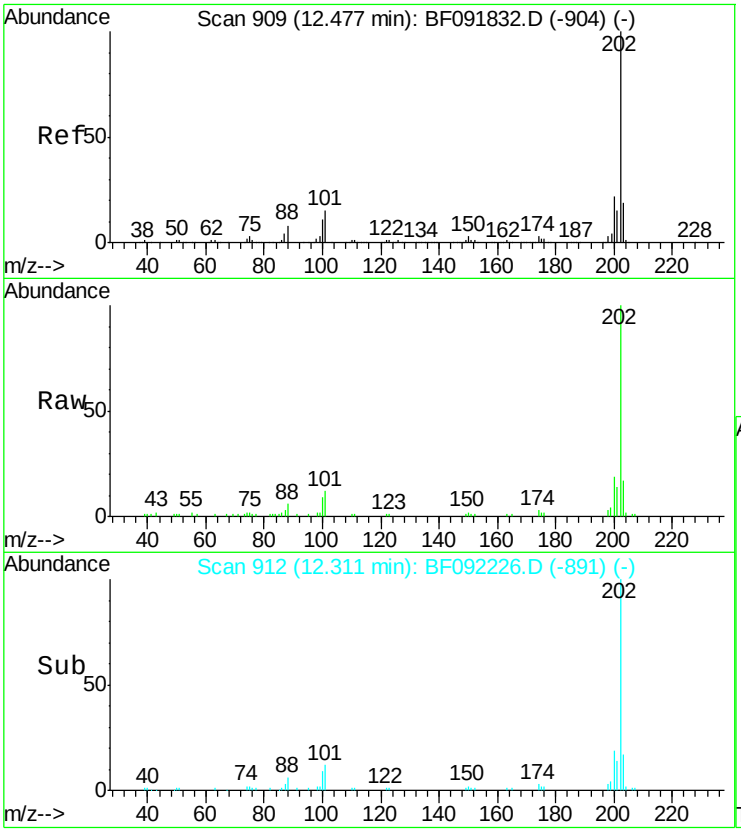


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:149 Resp: 5468

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	0.0	4.6	7.0#



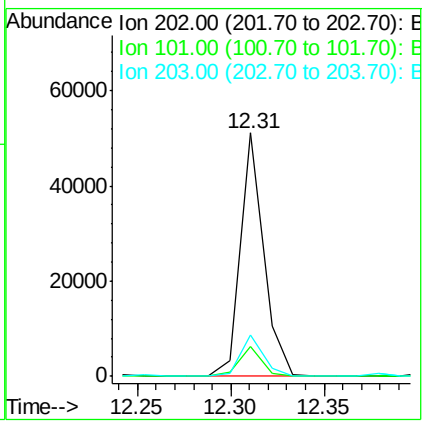


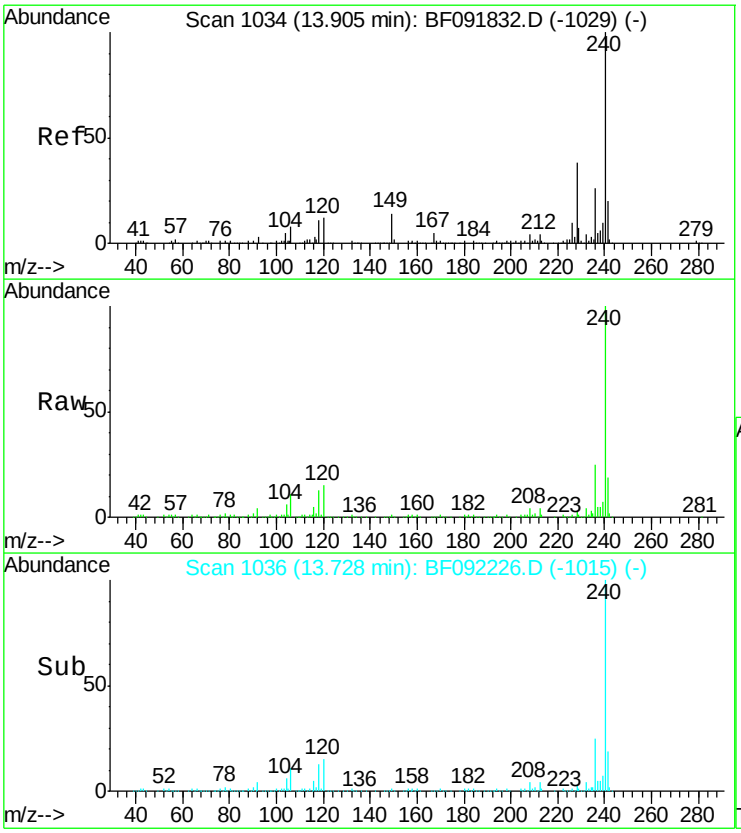
#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:202 Resp: 44810

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	17.2	0.0	38.7

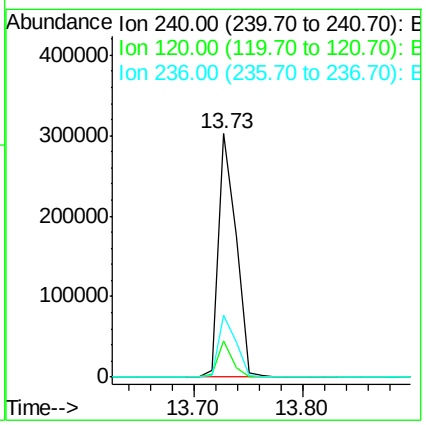


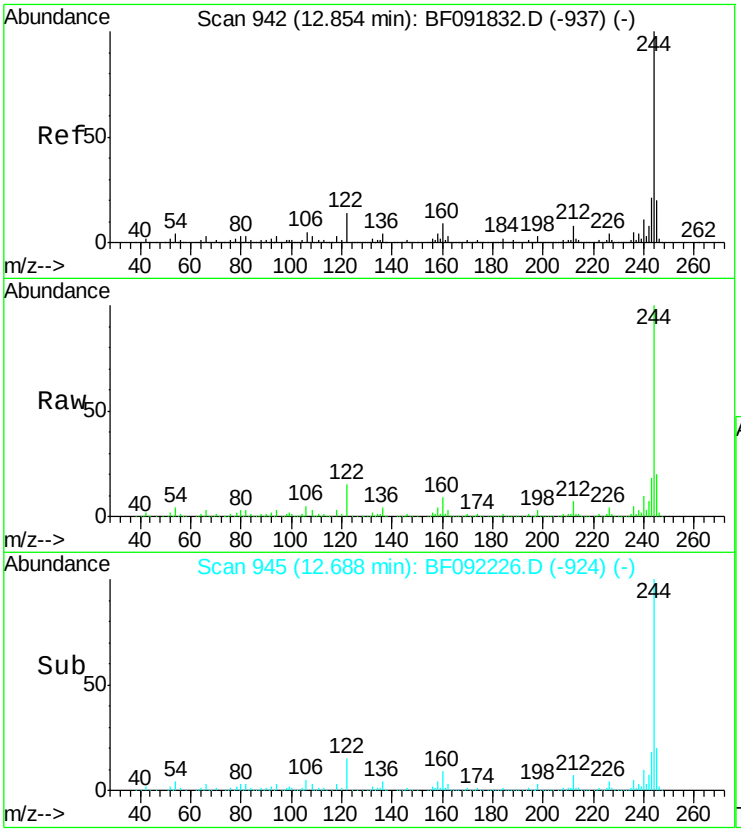


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:240 Resp: 339350

Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.9	19.3
236	25.3	20.9	31.3



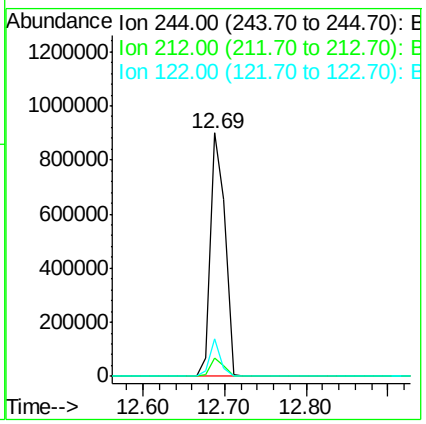


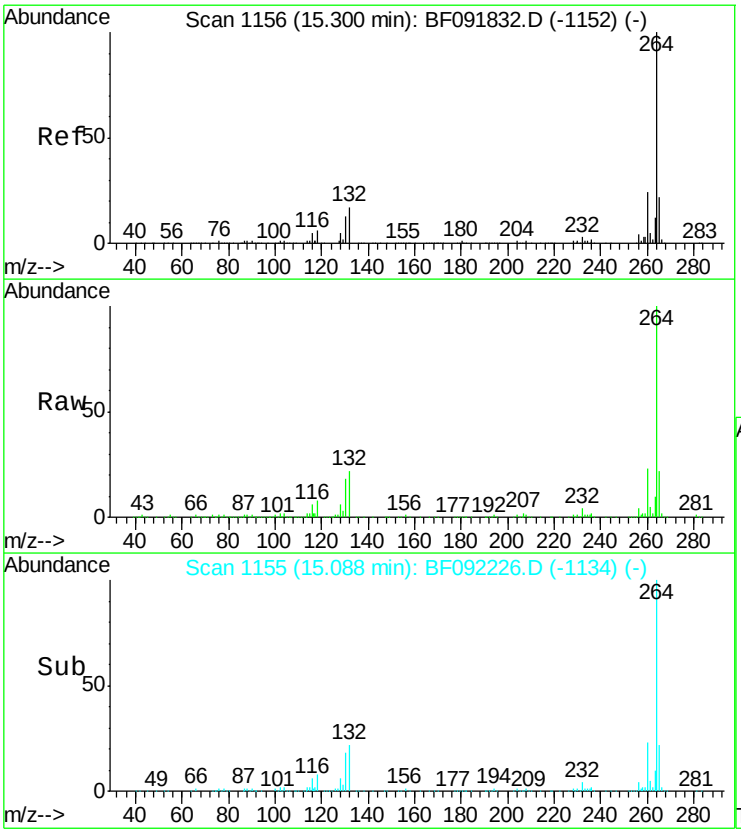
#78
Terphenyl-d14
Concen: 80.06 ng
RT: 12.69 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
ClientSampleId :
COMP-0011

Tgt Ion:244 Resp: 1120201

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	15.4	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: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:264 Resp: 335103

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.4	26.0