Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092265.D
Acq On : 14 Jan 2017 2:10
Operator : UM/SJ
Sample : I1031-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-0028

Quant Time: Jan 16 01:30:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	197090	20.00	ng		-0.01
21) Naphthalene-d8	7.86	136	842408	20.00	ng		-0.02
38) Acenaphthene-d10	9.60	164	371589	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	619764	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	433926	20.00	ng		-0.02
86) Perylene-d12	15.07	264	349074	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1227598	104.00	ng		0.00
7) Phenol-d6	6.24	99	1911841	132.66	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1233210	81.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	380426	123.71	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1505008	82.63	ng		-0.01
78) Terphenyl-d14	12.67	244	1184980	66.23	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	165361	17.25	ng	#	75
25) Isophorone	7.15	82	1220497	43.67	ng	#	65
37) 2-Methylnaphthalene	8.58	142	879	Below Cal			92
49) Dimethylphthalate	9.34	163	501836	21.12	ng		99
56) 2,4-Dinitrotoluene	9.60	165	47410	7.26	ng	#	20
66) 4-Bromophenyl-phenylether	10.40	248	22890	3.55	ng	#	1
71) Anthracene	11.11	178	9367	Below Cal			97
73) Di-n-butylphthalate	11.66	149	5241	Below Cal		#	91
74) Fluoranthene	12.29	202	24410	Below Cal			96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092265.D
Acq On : 14 Jan 2017 2:10
Operator : UM/SJ
Sample : I1031-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Quant Time: Jan 16 01:30:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
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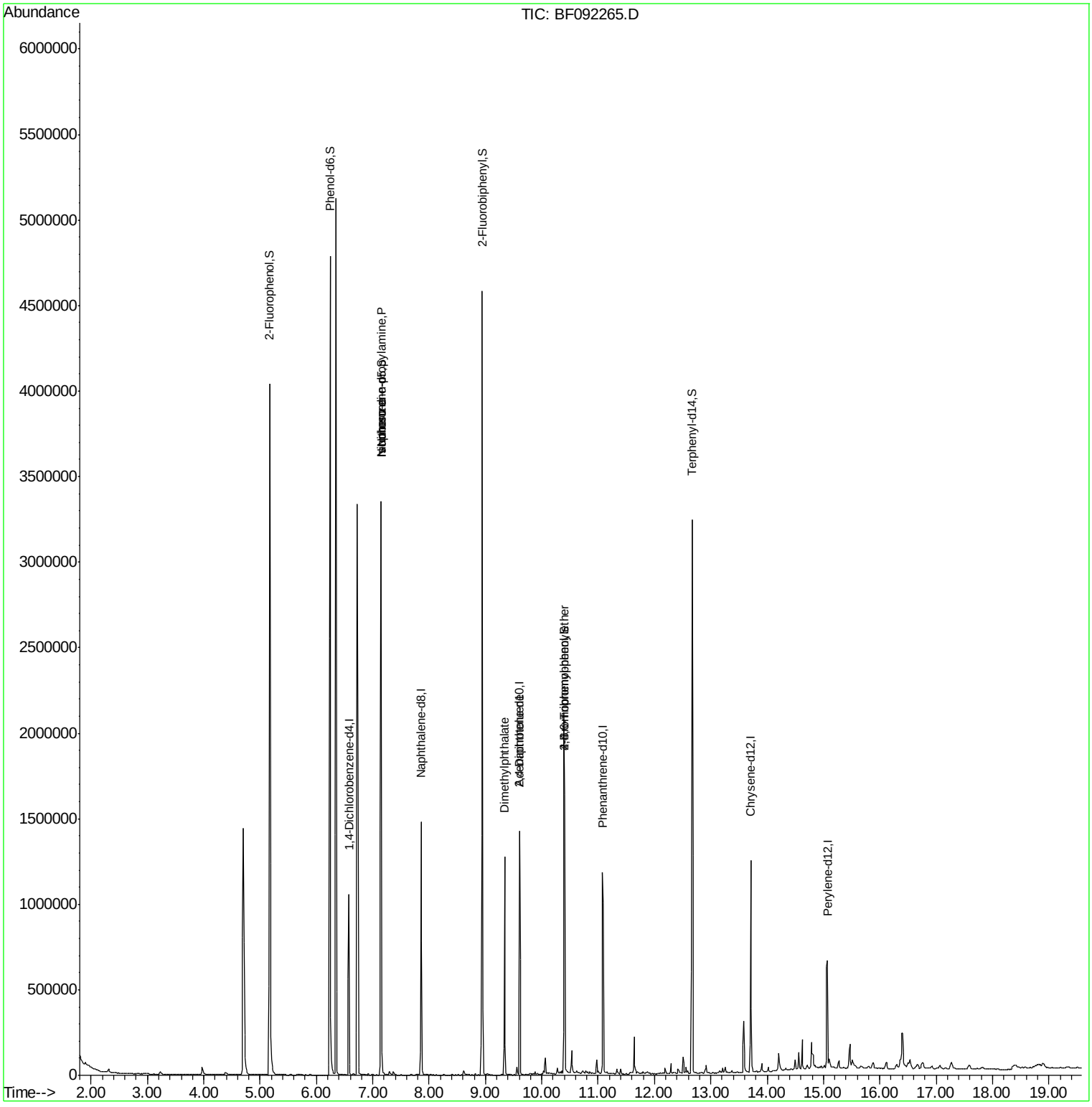
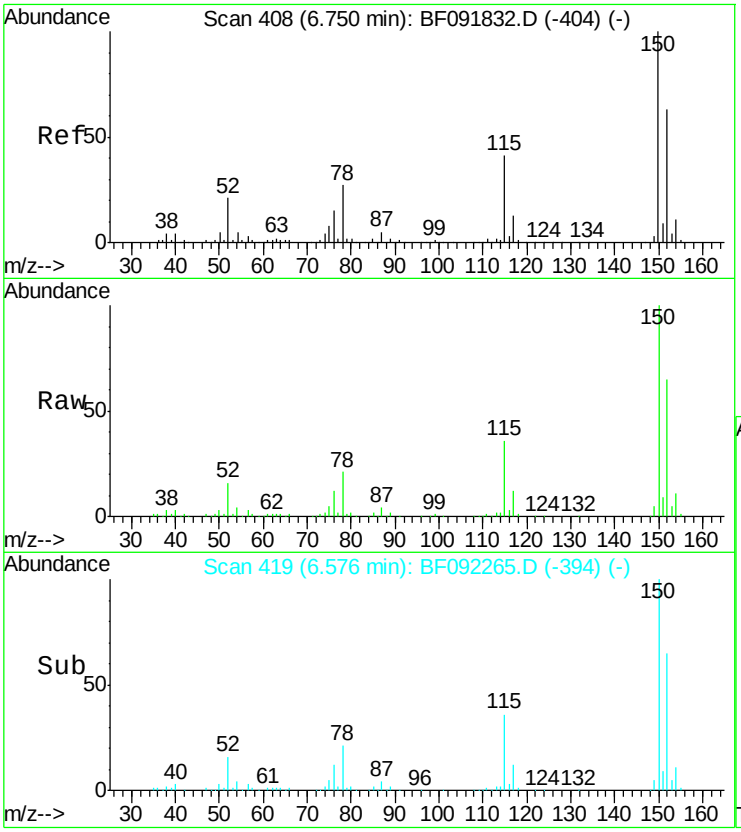


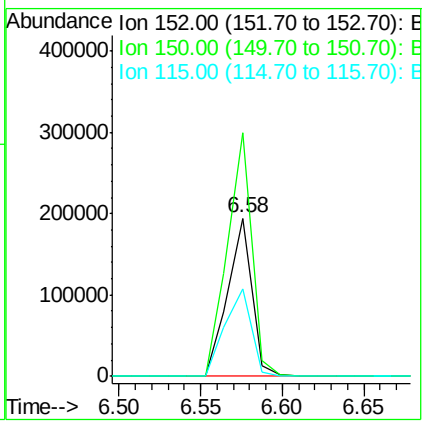


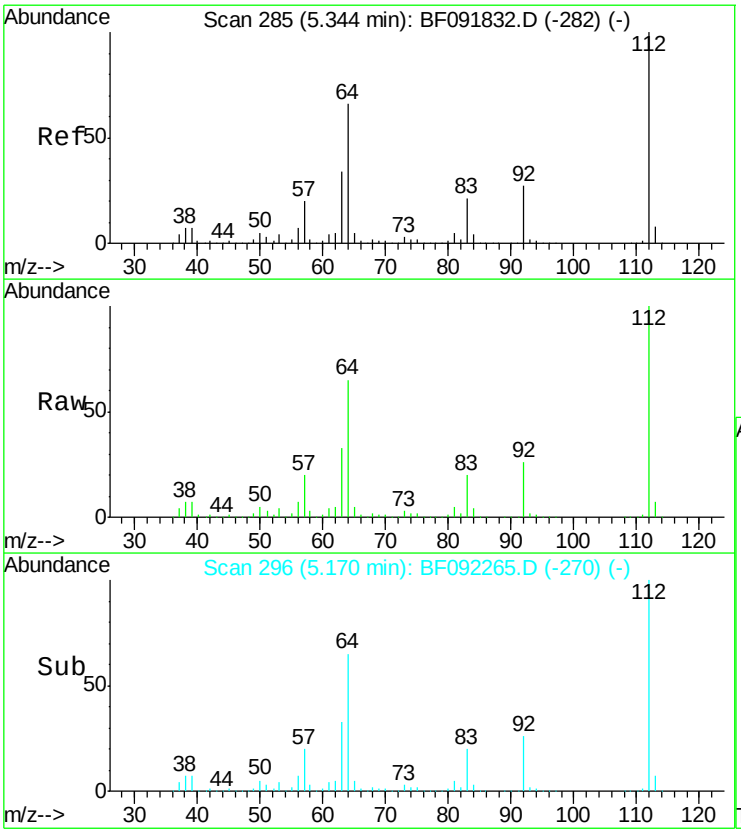
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:152 Resp: 197090

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	55.2	46.0	69.0

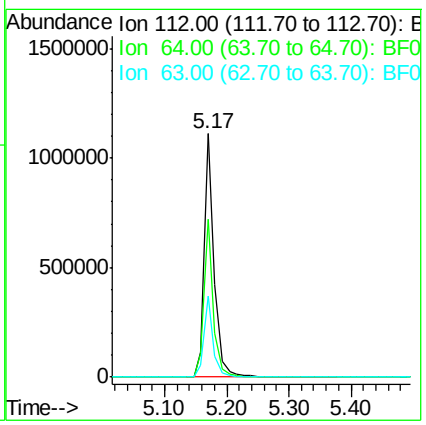


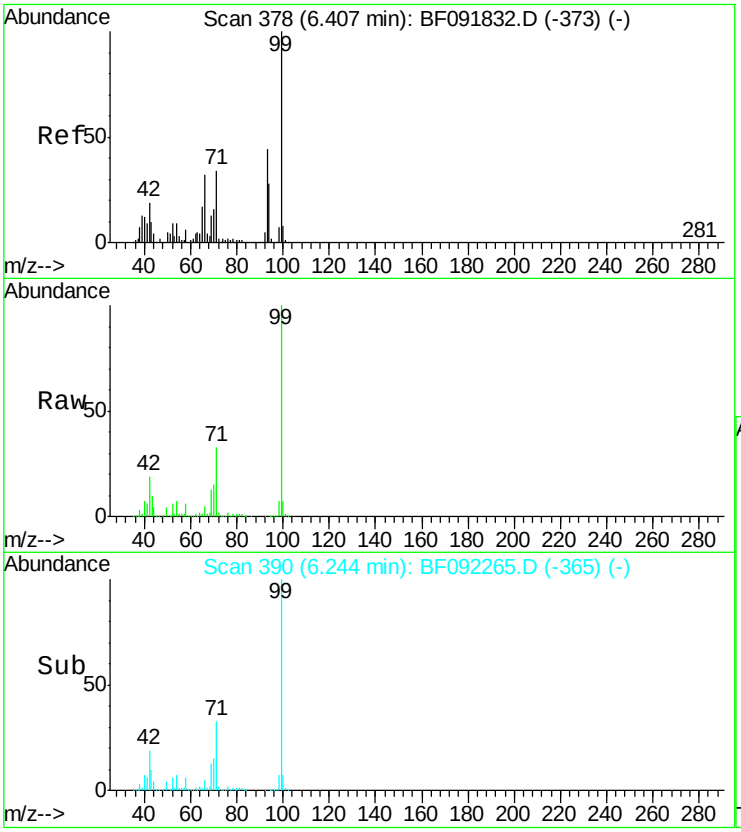


#5
2-Fluorophenol
Concen: 104.00 ng
RT: 5.17 min Scan# 296
Delta R.T. -0.00 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:112 Resp: 1227598

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.1	69.1
63	33.3	23.8	35.6



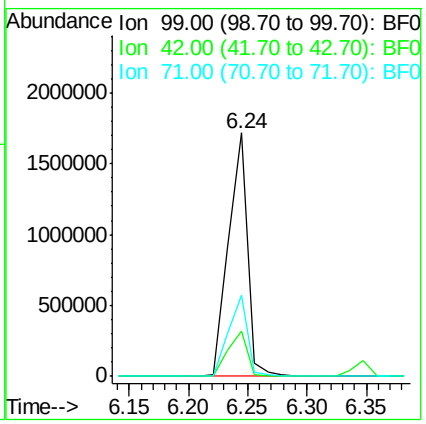


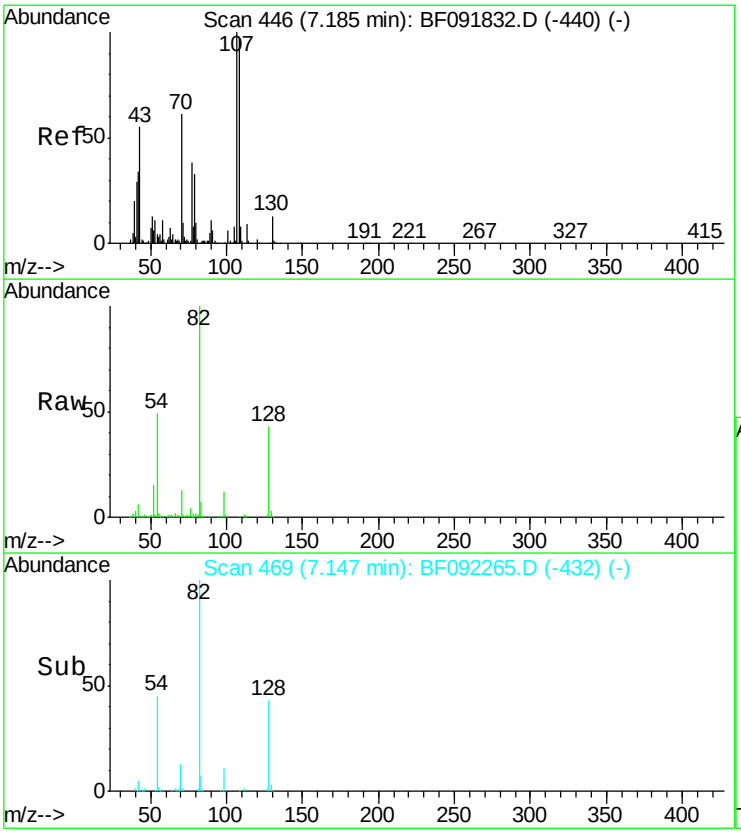
#7
Phenol-d6
Concen: 132.66 ng
RT: 6.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion: 99 Resp: 1911841

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.6	23.4
71	33.4	27.5	41.3

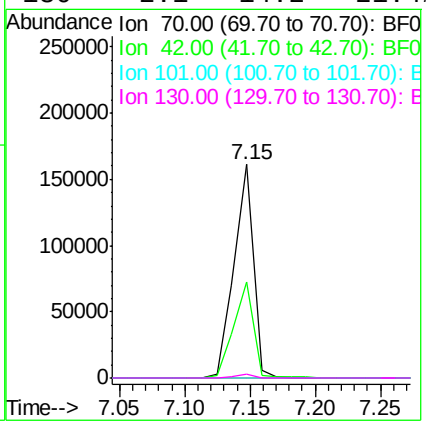


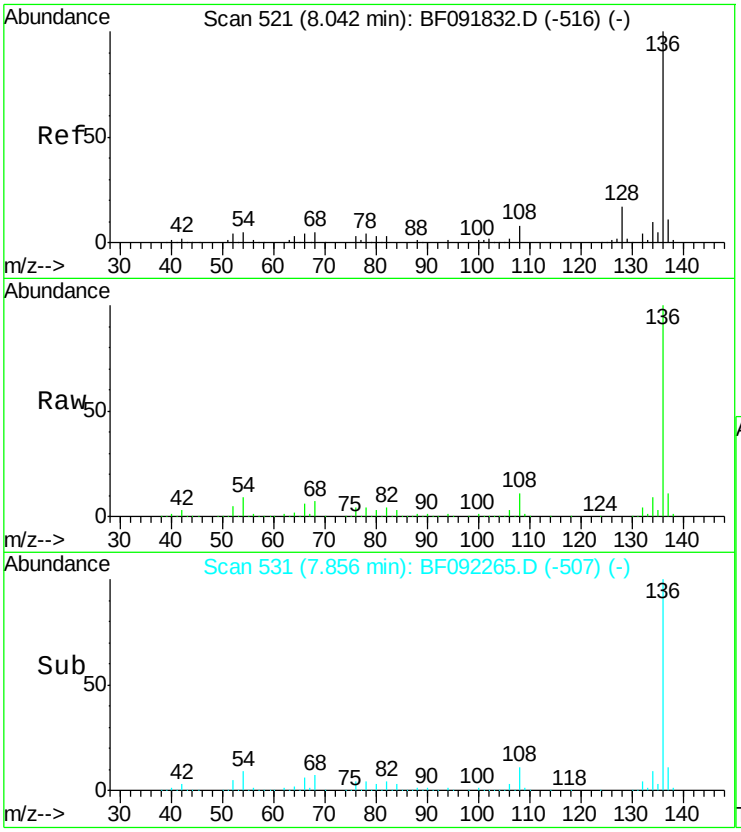


#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion: 70 Resp: 165361

Ion	Ratio	Lower	Upper
70	100		
42	45.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



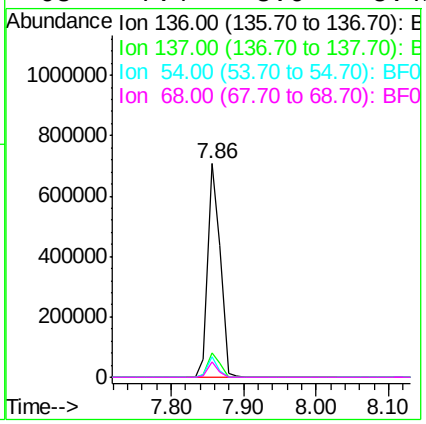


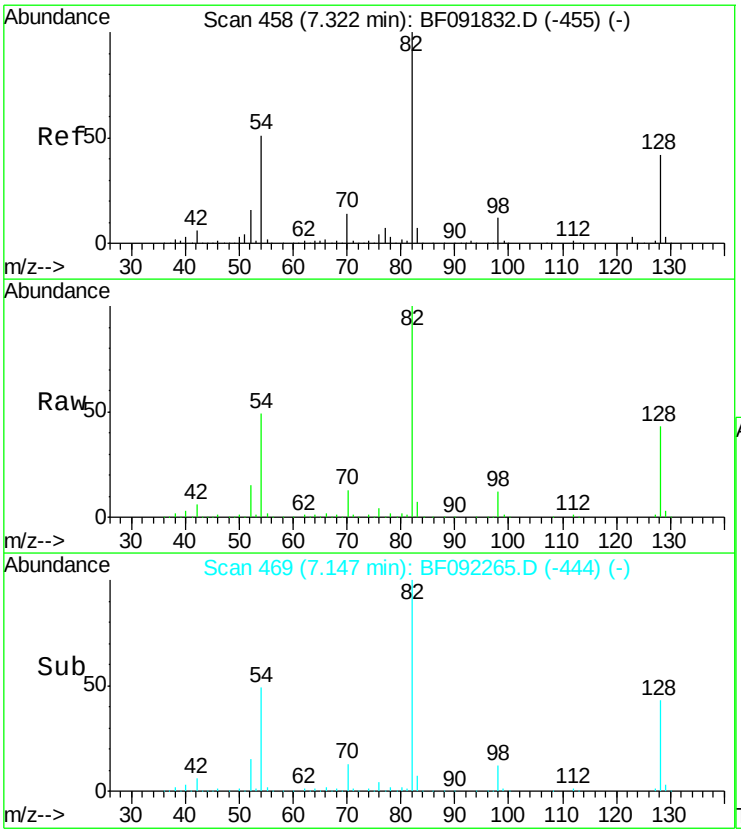
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:136 Resp: 842408

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.4	4.5	6.7#
68	7.4	3.6	5.4#

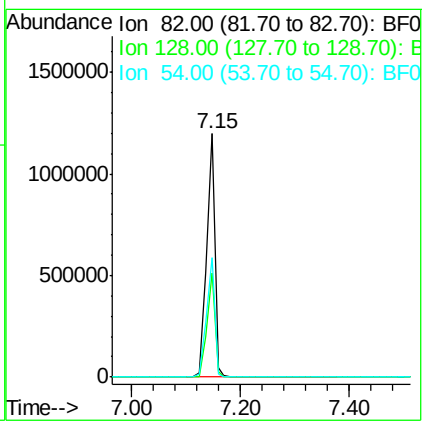


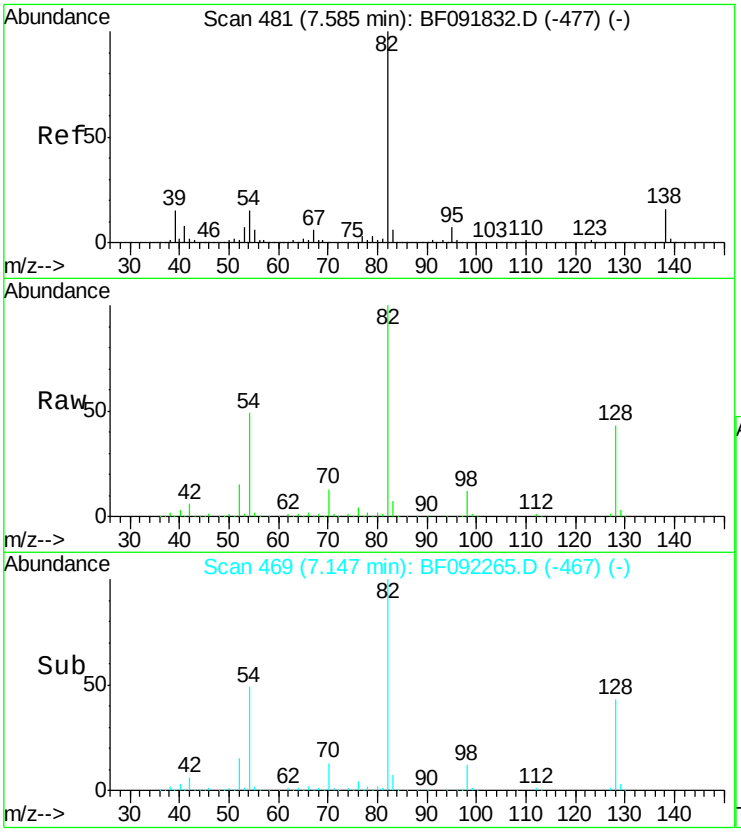


#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion: 82 Resp: 1233210

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.1	39.5	59.3



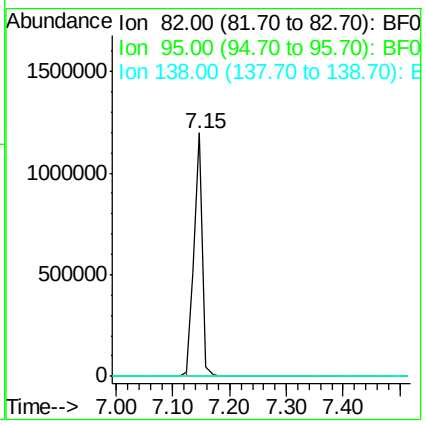


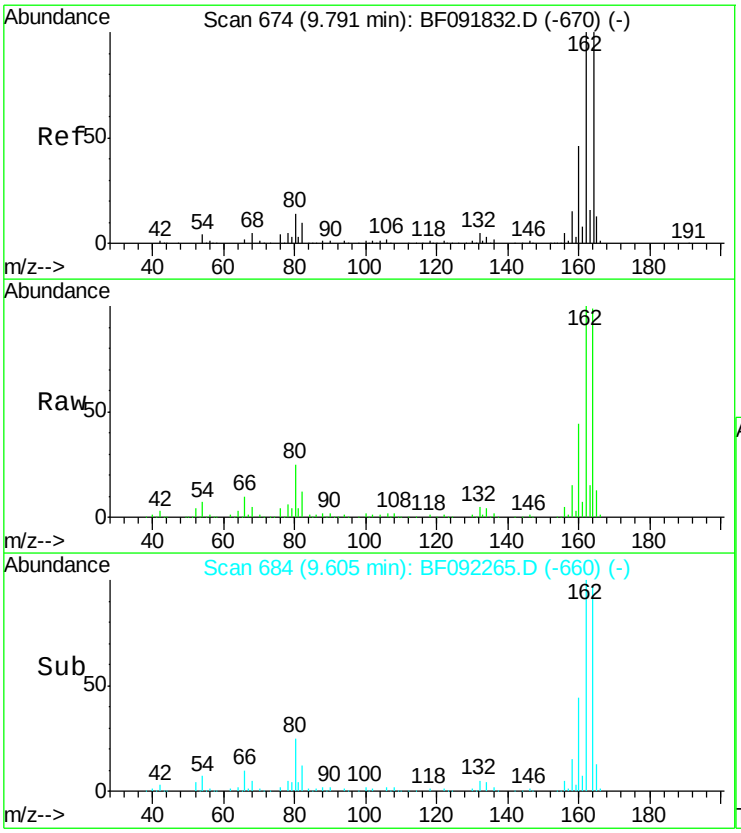
#25
Isophorone
Concen: 43.67 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion: 82 Resp: 1220497

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

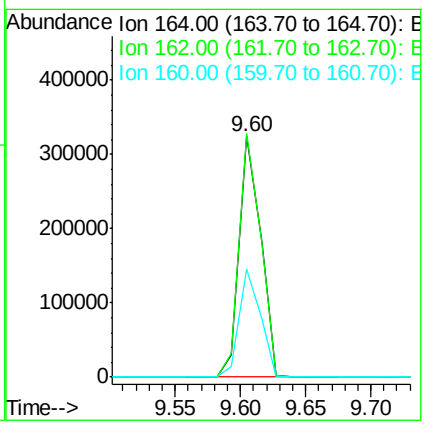


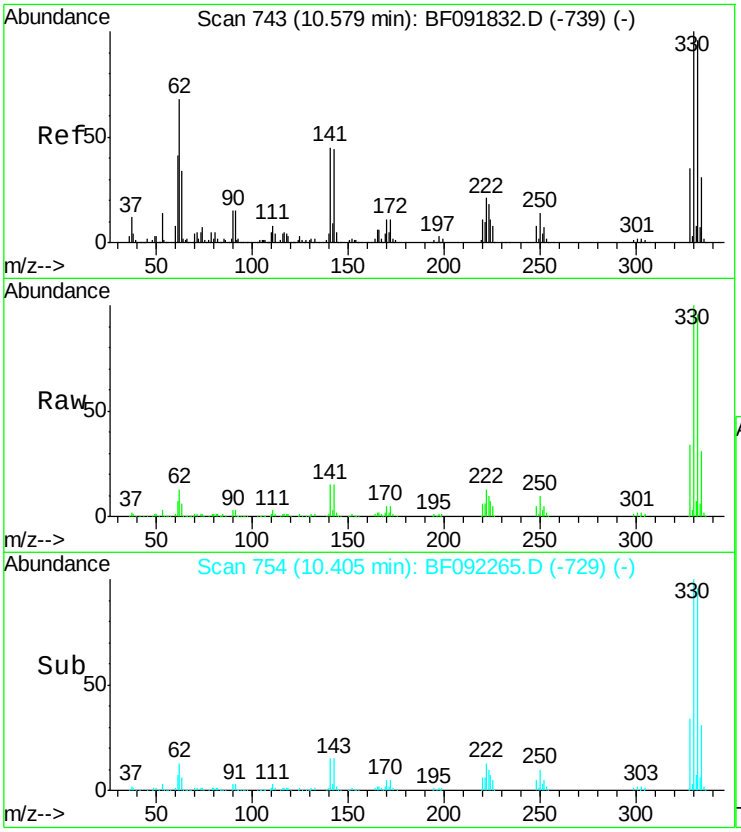


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:164 Resp: 371589

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	44.6	36.9	55.3



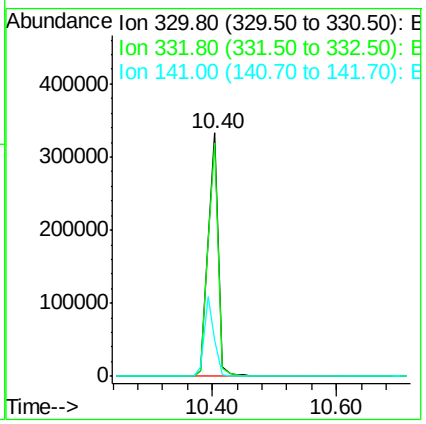


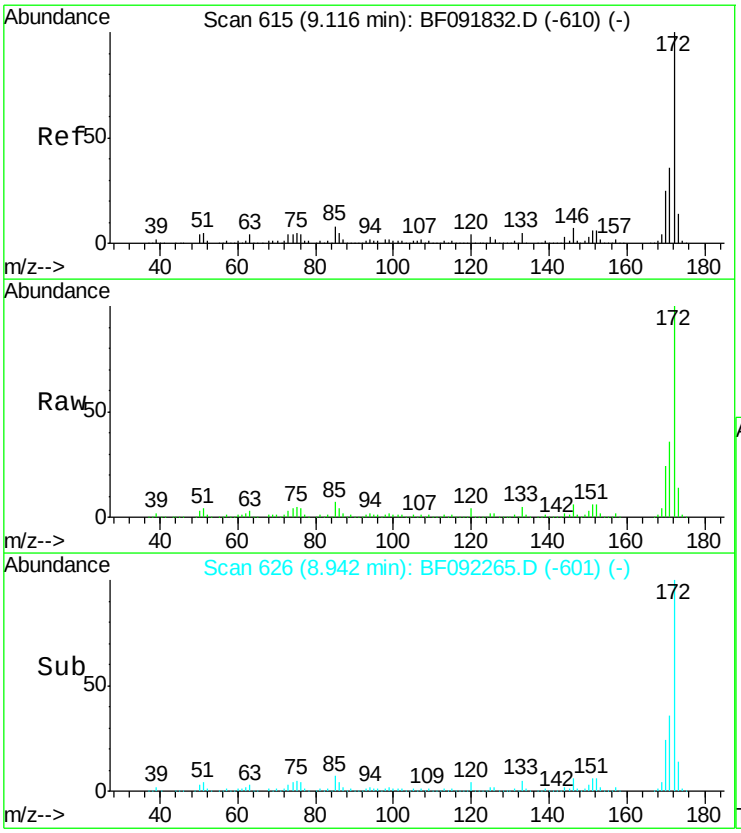
#41
2,4,6-Tribromophenol
Concen: 123.71 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:330 Resp: 380426

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	32.1	34.1	51.1#

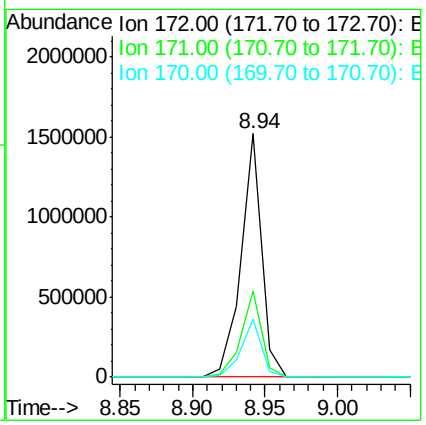


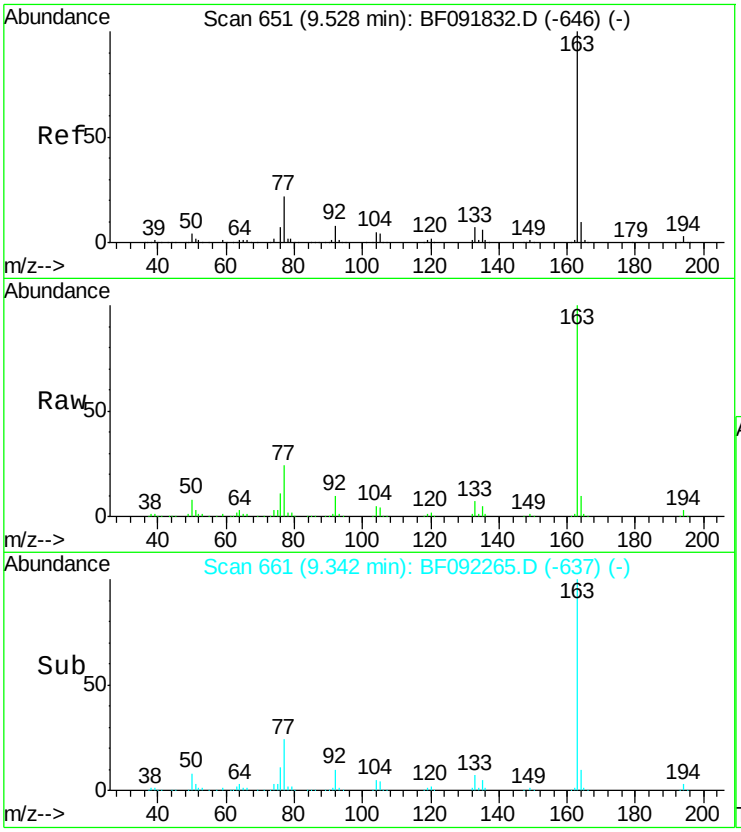


#44
2-Fluorobiphenyl
Concen: 82.63 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:172 Resp: 1505008

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4



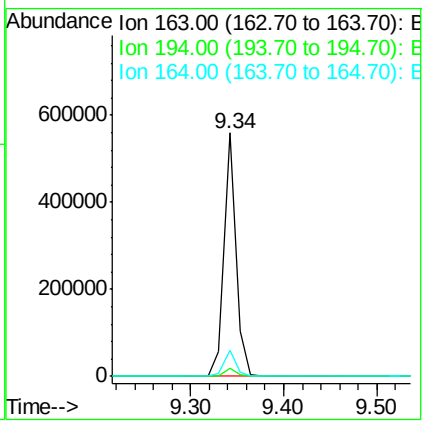


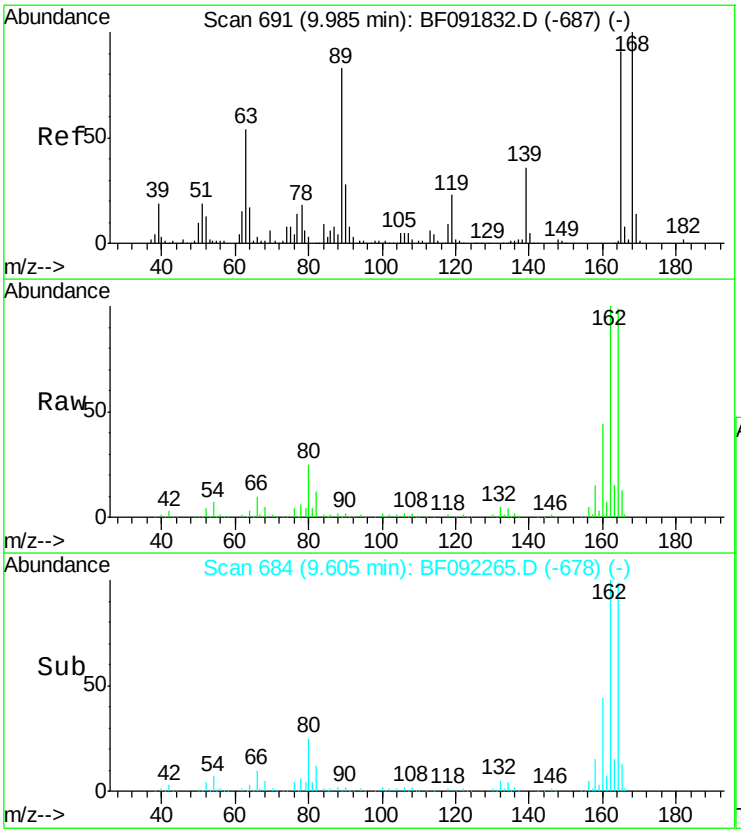
#49
Dimethylphthalate
Concen: 21.12 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:163 Resp: 501836

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.5	8.0	12.0

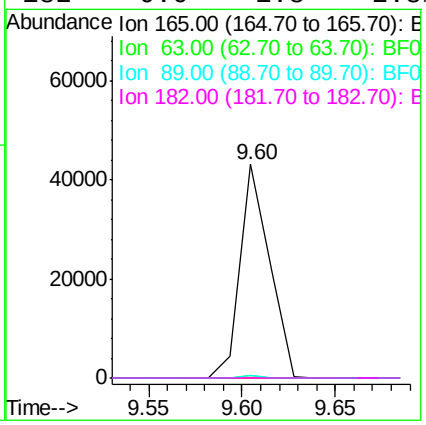


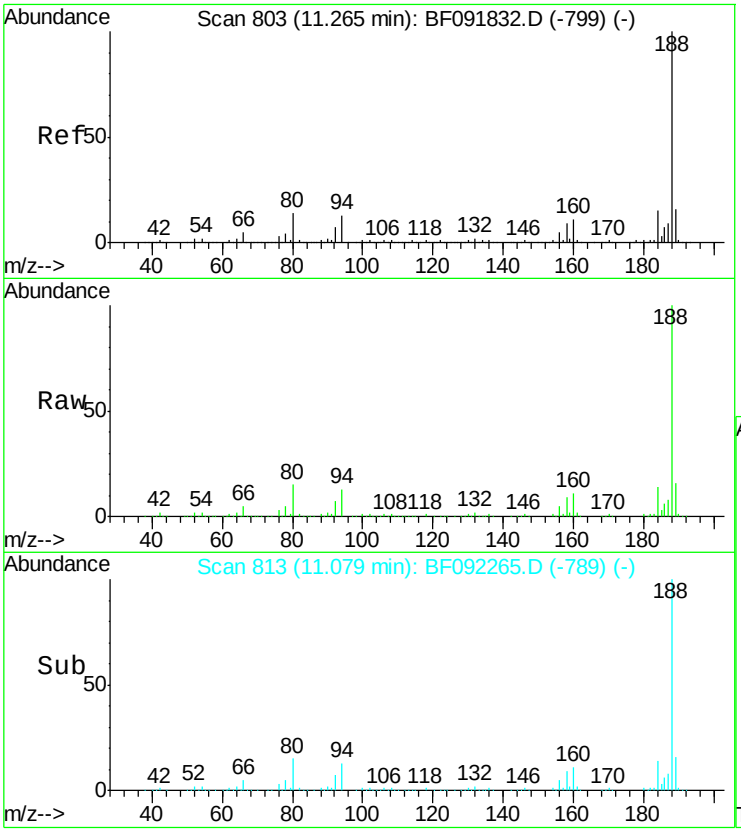


#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:165 Resp: 47410

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#



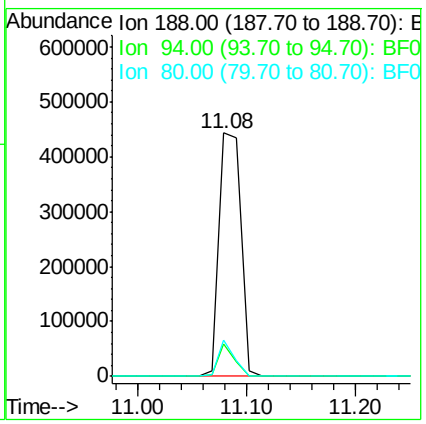


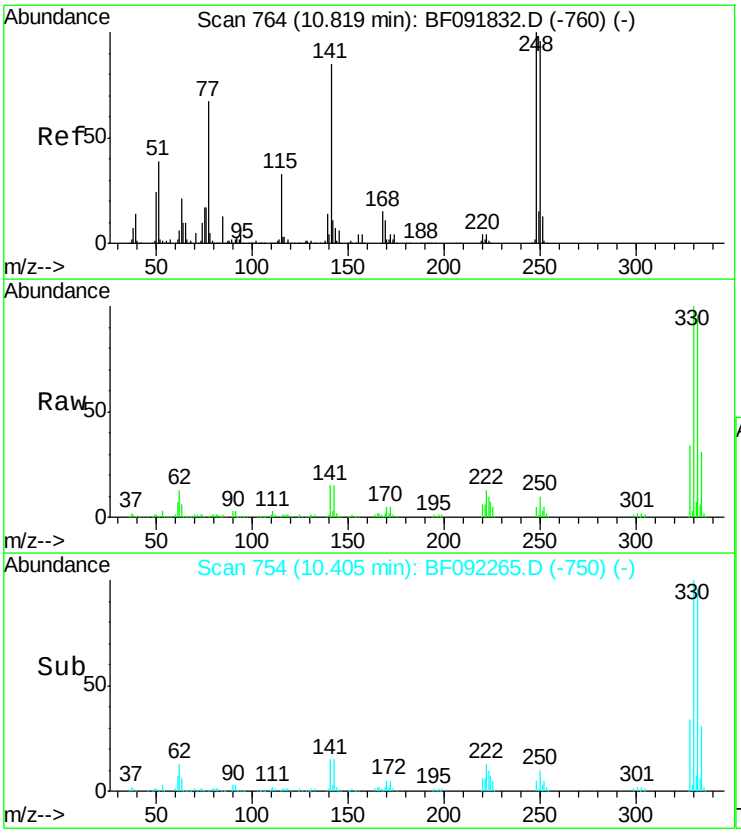
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:188 Resp: 619764

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	14.8	11.2	16.8

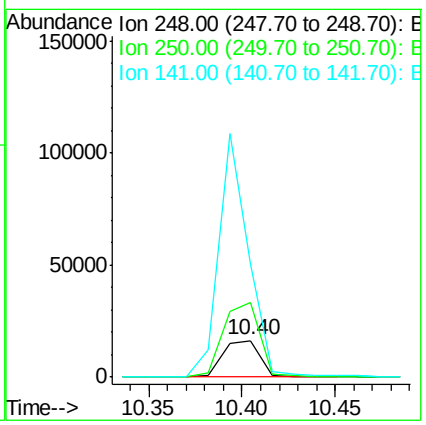


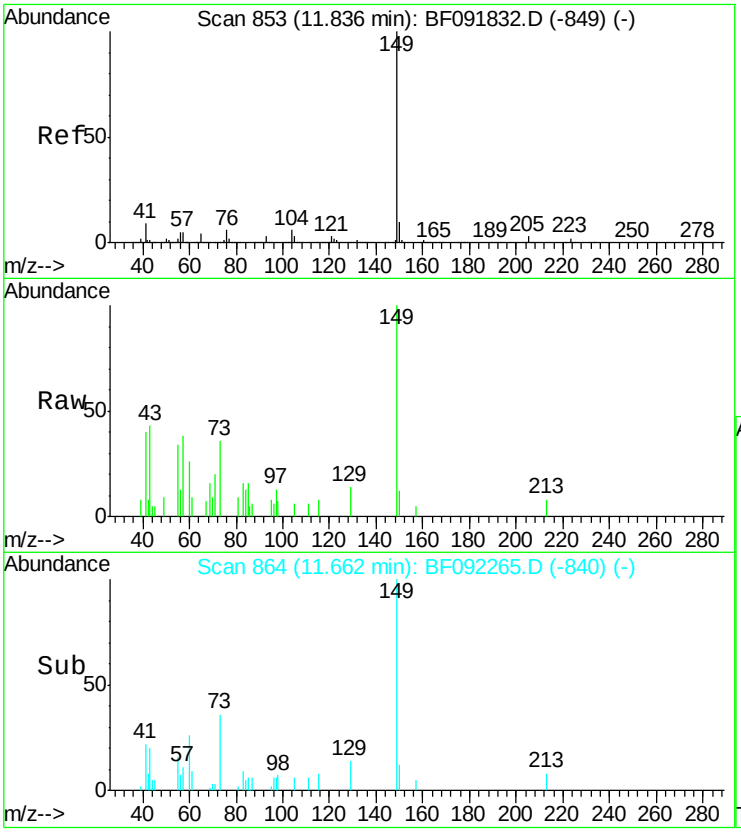


#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:248 Resp: 22890

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.9	115.3#
141	306.6	68.2	102.4#



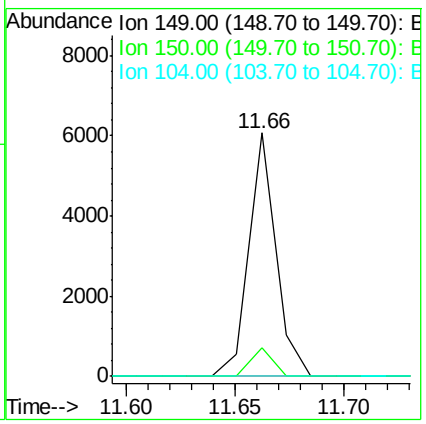


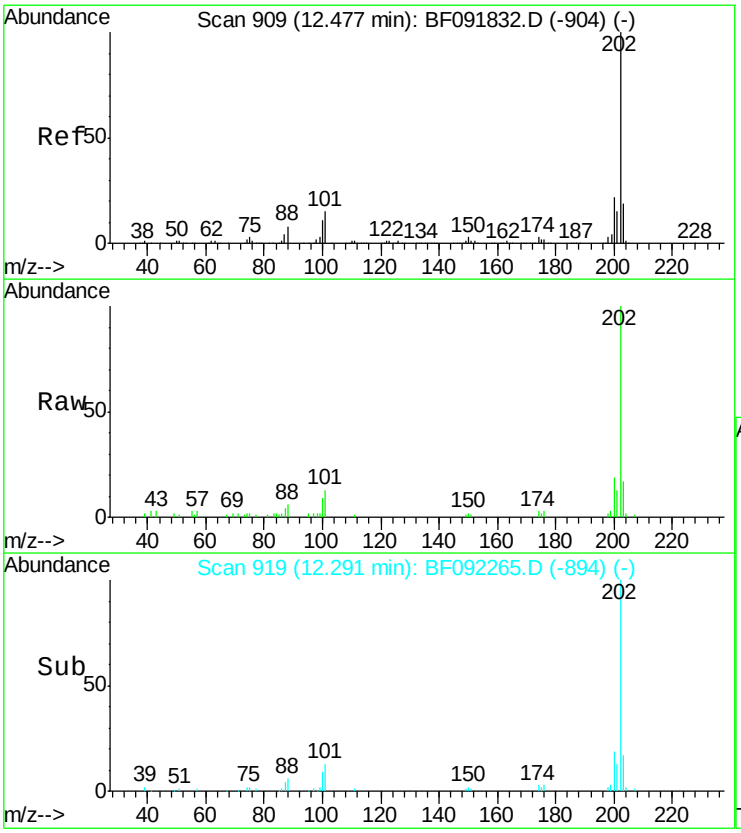
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:149 Resp: 5241

Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.1	12.1
104	0.0	4.6	7.0#

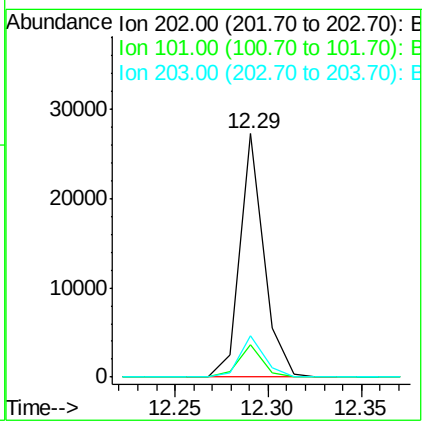


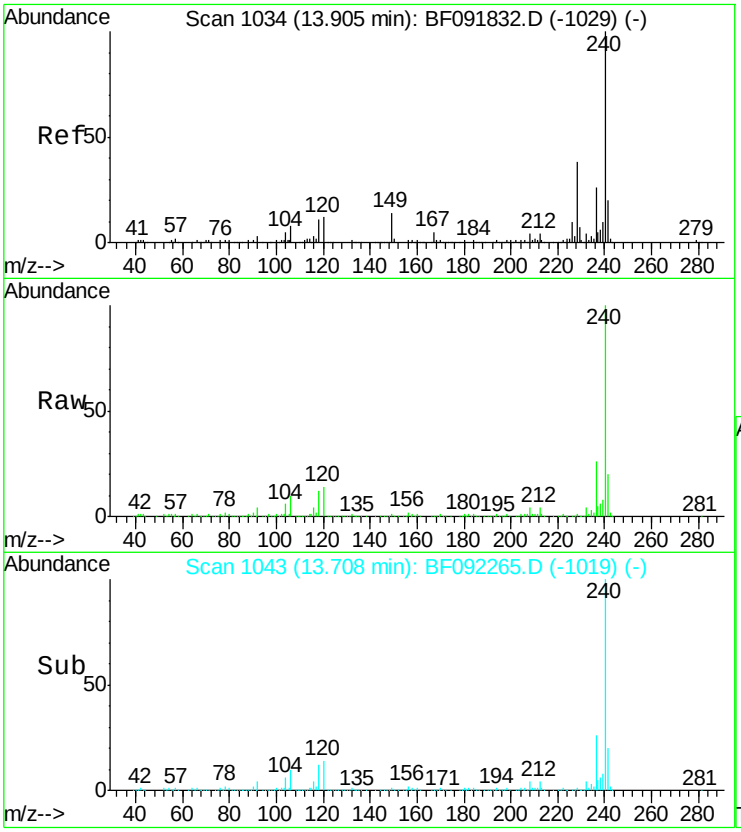


#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:202 Resp: 24410

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.6
203	16.9	0.0	38.7



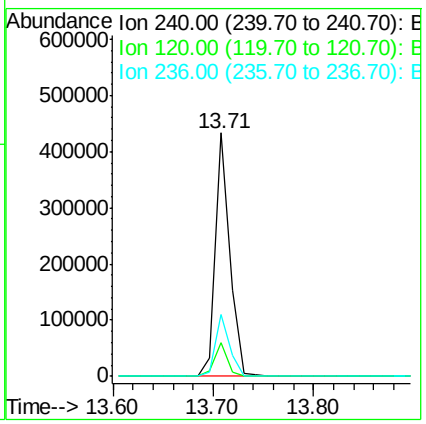


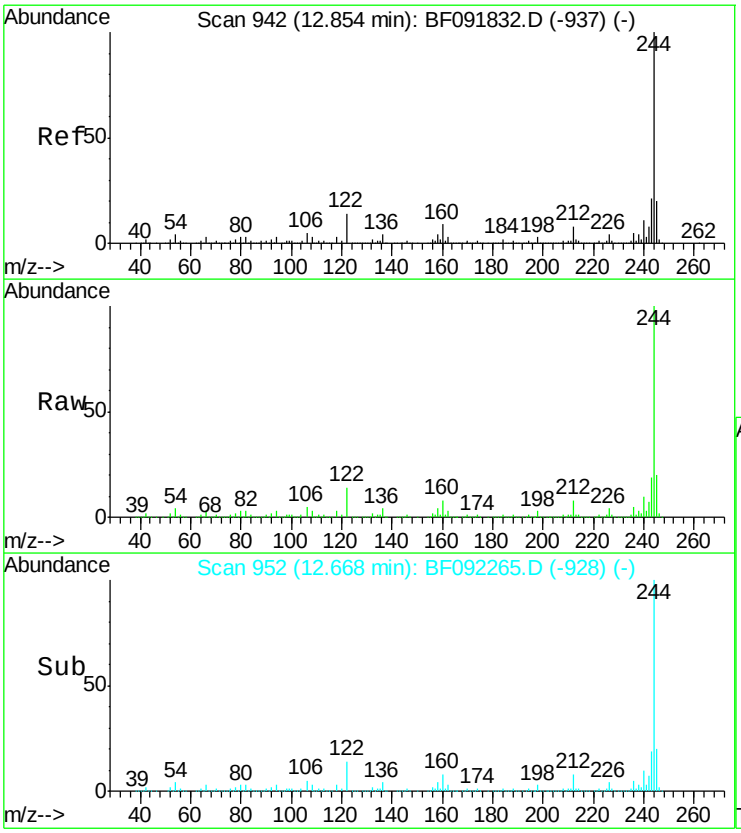
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:240 Resp: 433926

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	25.7	20.9	31.3

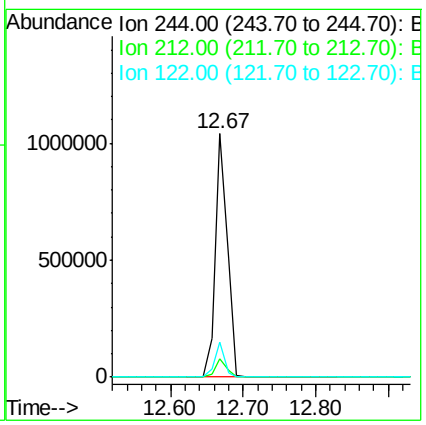


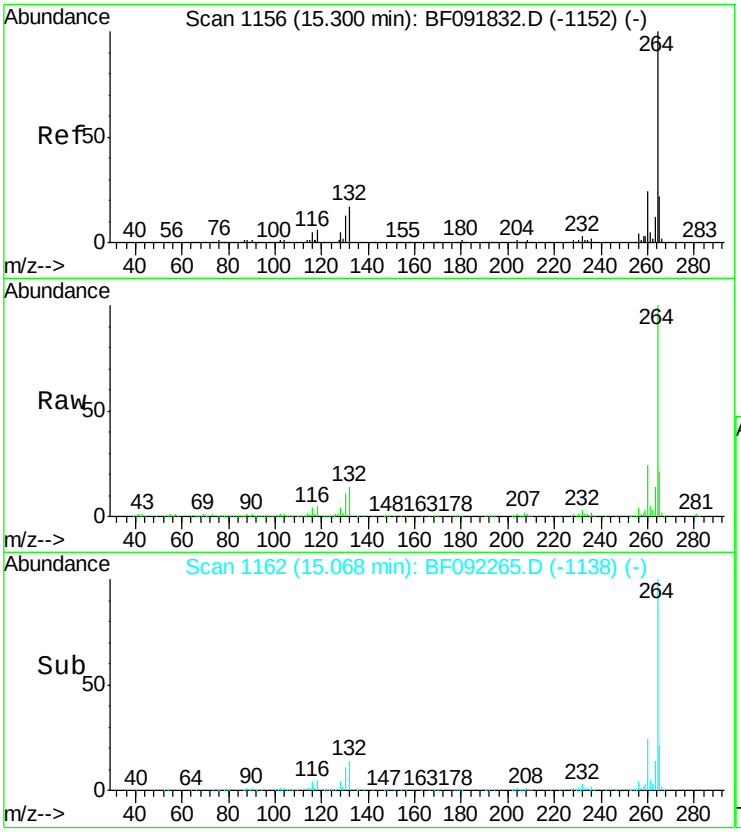


#78
Terphenyl-d14
Concen: 66.23 ng
RT: 12.67 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:244 Resp: 1184980

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:264 Resp: 349074

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0