Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092843.D
Acq On : 7 Feb 2017 22:08
Operator : SJ/MA
Sample : I1751-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-COMP

Quant Time: Feb 07 23:53:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	157038	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	631223	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	307442	20.00	ng	-0.06
63) Phenanthrene-d10	11.42	188	428548	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	315558	20.00	ng	-0.08
86) Perylene-d12	15.53	264	308963	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1353481	147.87	ng	-0.06
7) Phenol-d6	6.56	99	1722271	146.23	ng	-0.05
23) Nitrobenzene-d5	7.47	82	984145	86.82	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	289899	130.37	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1715024	101.06	ng	-0.07
78) Terphenyl-d14	13.01	244	1105097	82.29	ng	-0.07
Target Compounds						Qvalue
10) Phenol	6.57	94	102085	7.41	ng	# 63
19) n-Nitroso-di-n-propylamine	7.47	70	132993	17.74	ng	# 84
25) Isophorone	7.47	82	976420	46.23	ng	# 65
32) Benzoic acid	7.98	122	330	7.22	ng	# 27
49) Dimethylphthalate	9.66	163	186804	9.02	ng	# 98
56) 2,4-Dinitrotoluene	9.95	165	40900	6.87	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.74	198	851	2.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	23500	5.25	ng	# 1
74) Fluoranthene	12.64	202	53489	2.11	ng	95
77) Pyrene	12.88	202	54102	2.29	ng	99
87) Benzo(b)fluoranthene	15.09	252	47365	2.33	ng	# 84
88) Benzo(k)fluoranthene	15.09	252	47393	2.70	ng	# 84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092843.D
Acq On : 7 Feb 2017 22:08
Operator : SJ/MA
Sample : I1751-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Quant Time: Feb 07 23:53:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
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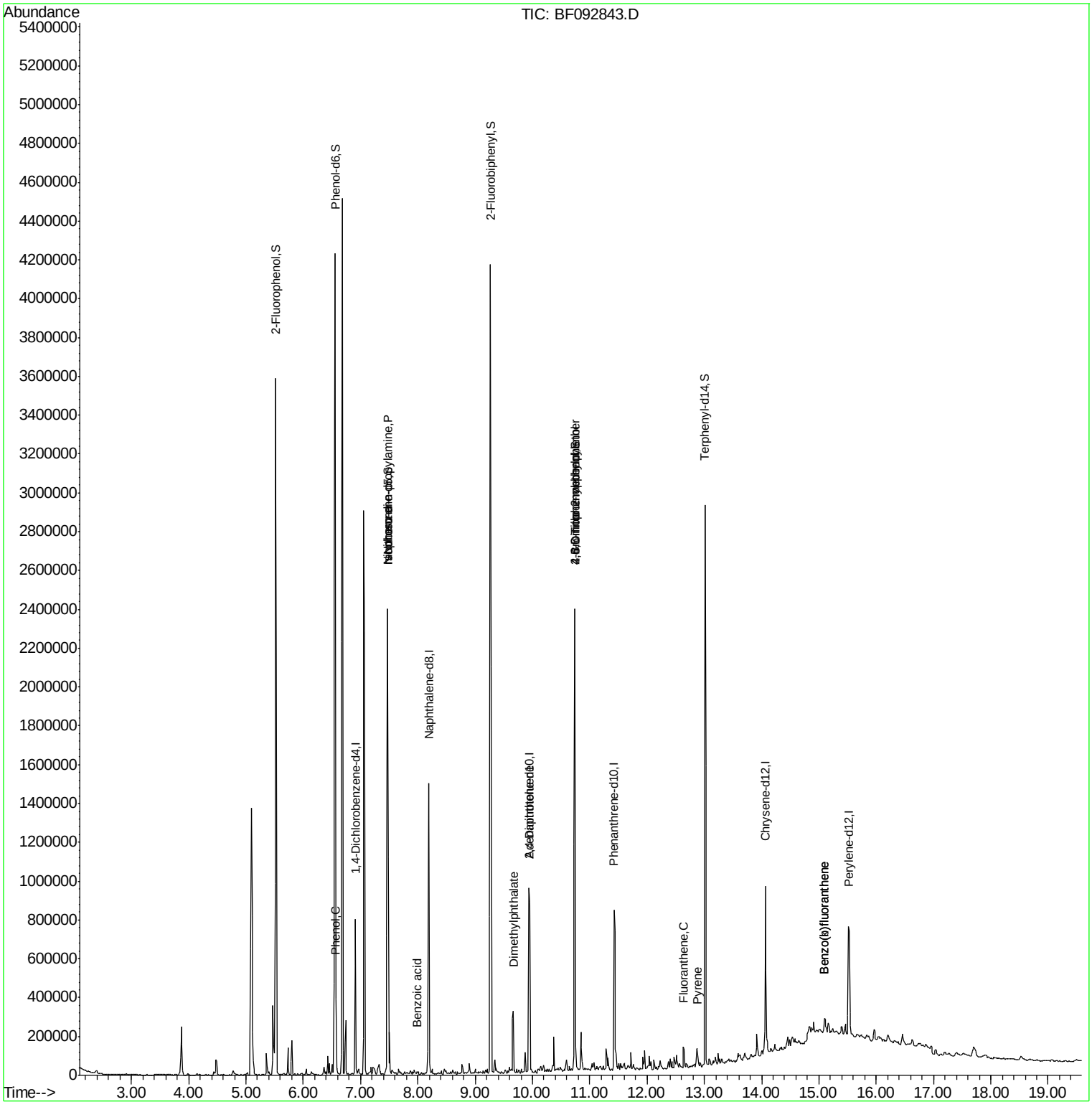
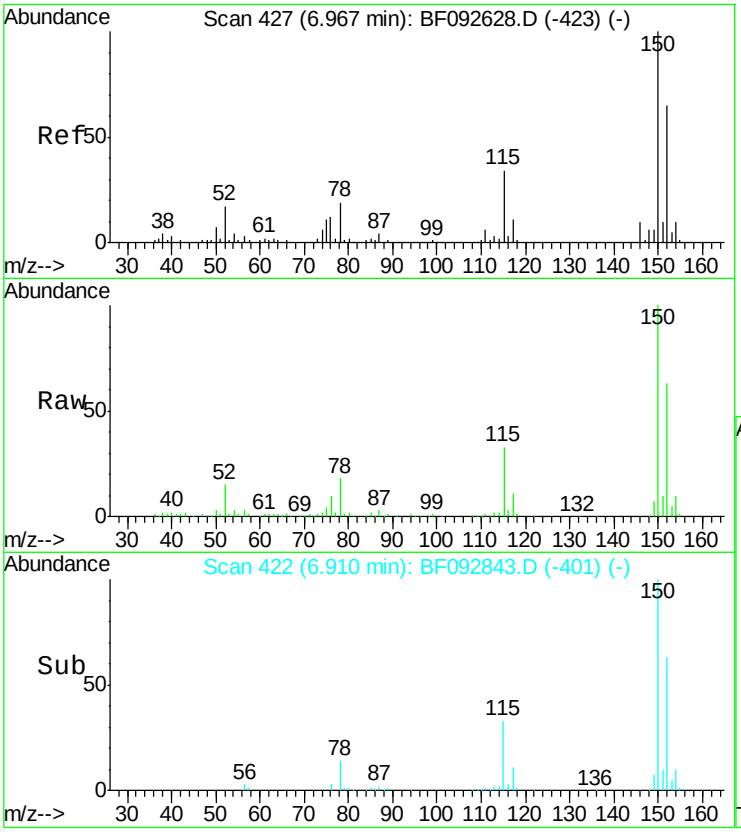


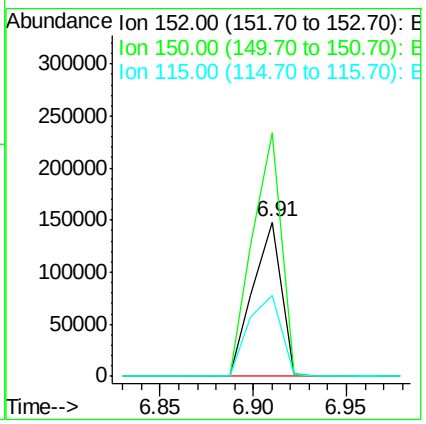


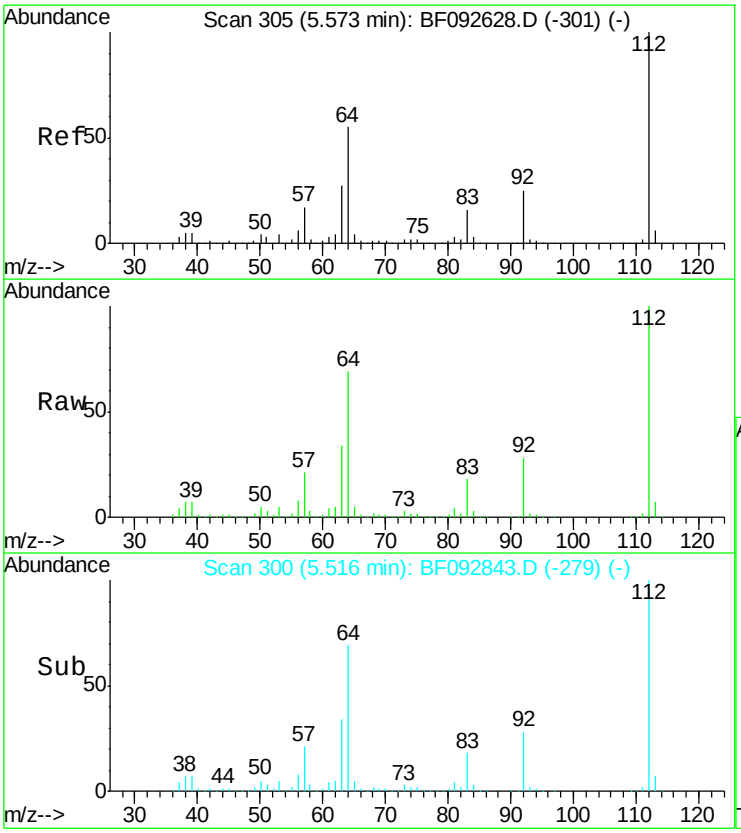
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:152 Resp: 157038

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	52.5	46.0	69.0

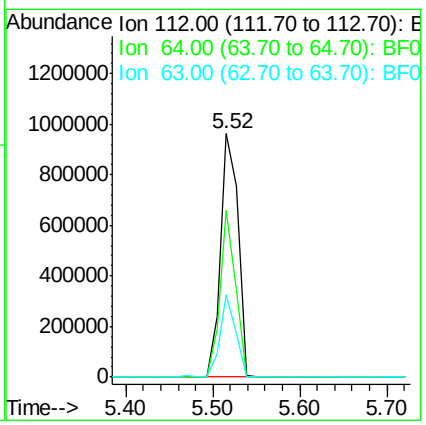


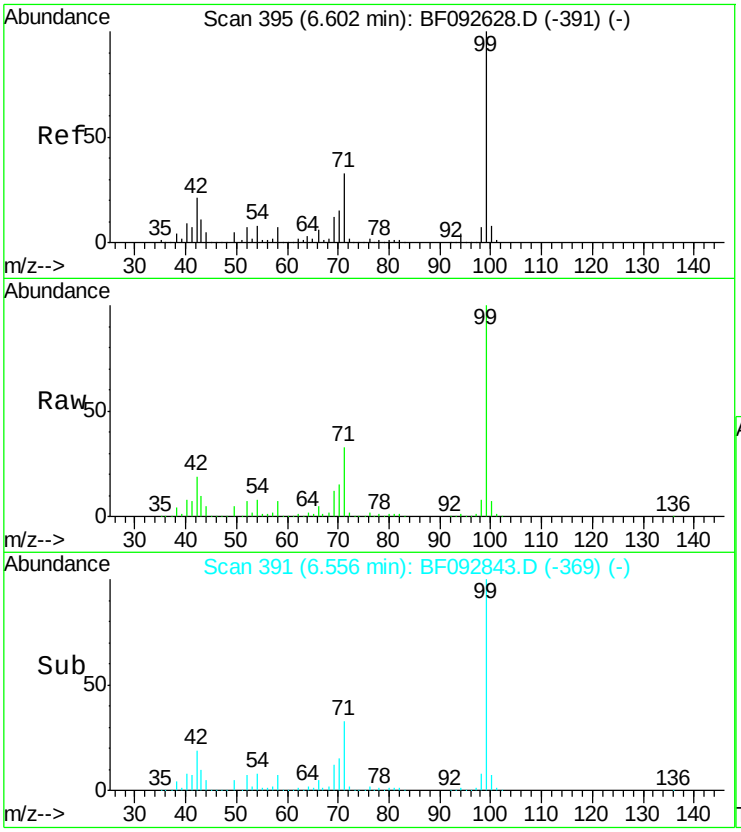


#5
2-Fluorophenol
Concen: 147.87 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:112 Resp: 1353481

Ion	Ratio	Lower	Upper
112	100		
64	68.5	46.1	69.1
63	33.9	23.8	35.6



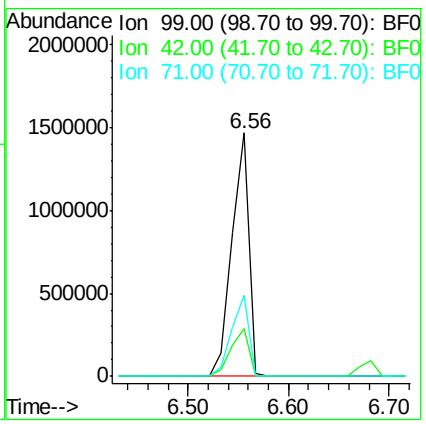


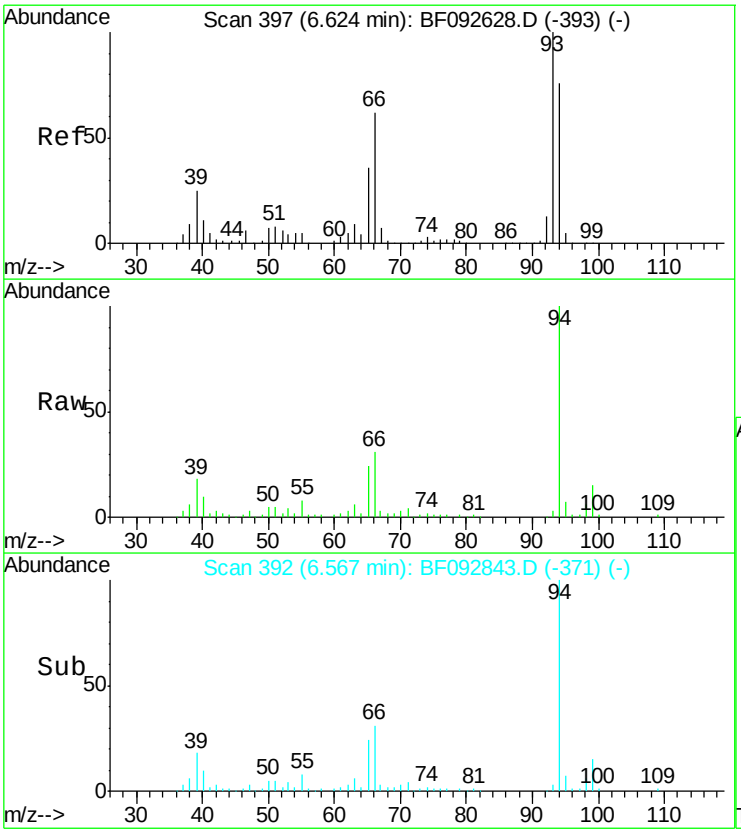
#7
Phenol-d6
Concen: 146.23 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 99 Resp: 1722271

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.6	23.4
71	33.2	27.5	41.3

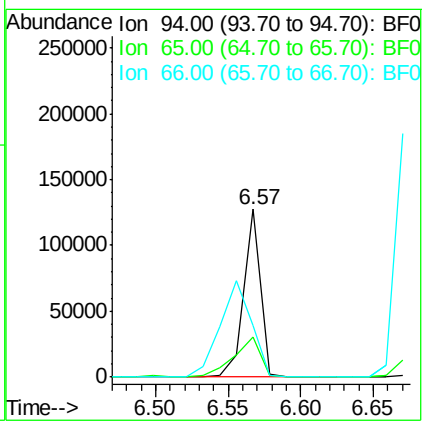


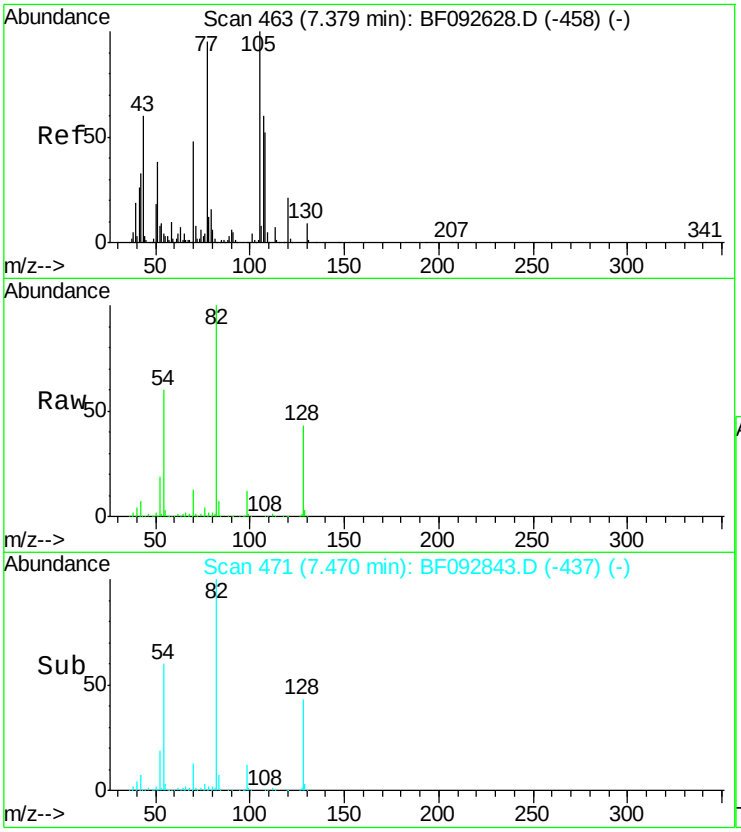


#10
Phenol
Concen: 7.41 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.06 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion: 94 Resp: 102085

Ion	Ratio	Lower	Upper
94	100		
65	23.6	21.4	61.4
66	30.5	44.0	84.0#



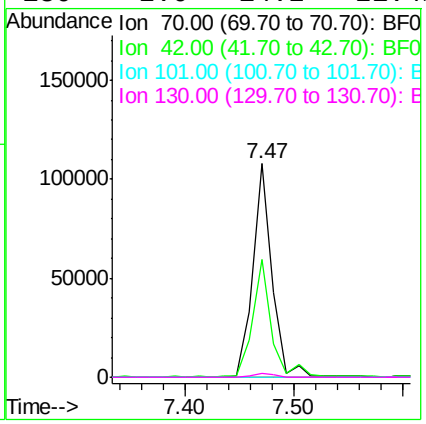


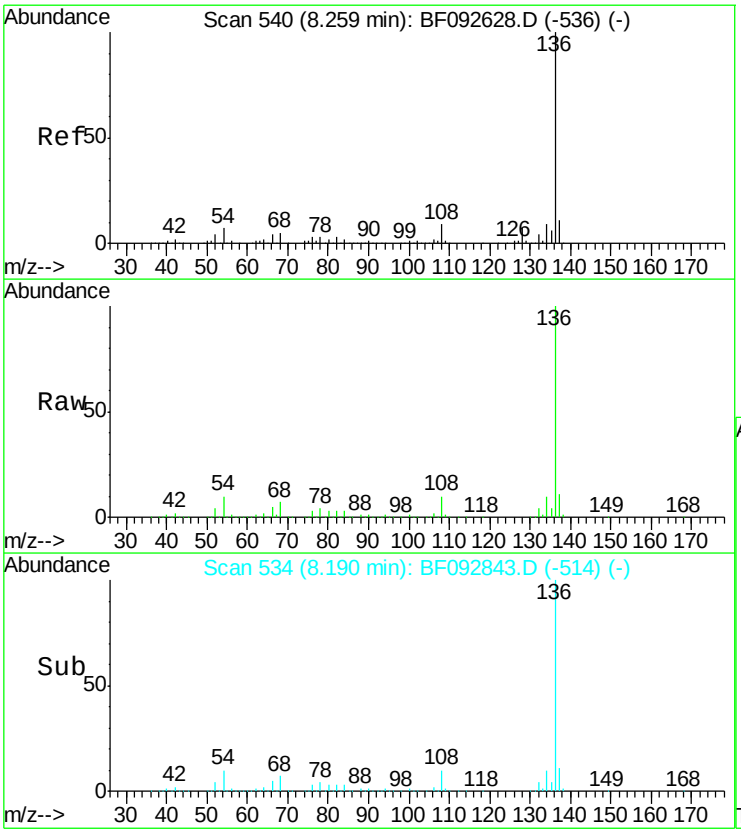
#19
n-Nitroso-di-n-propylamine
Concen: 17.74 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 70 Resp: 132993

Ion	Ratio	Lower	Upper
70	100		
42	55.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

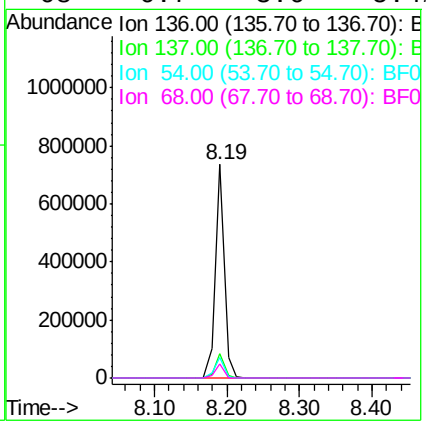


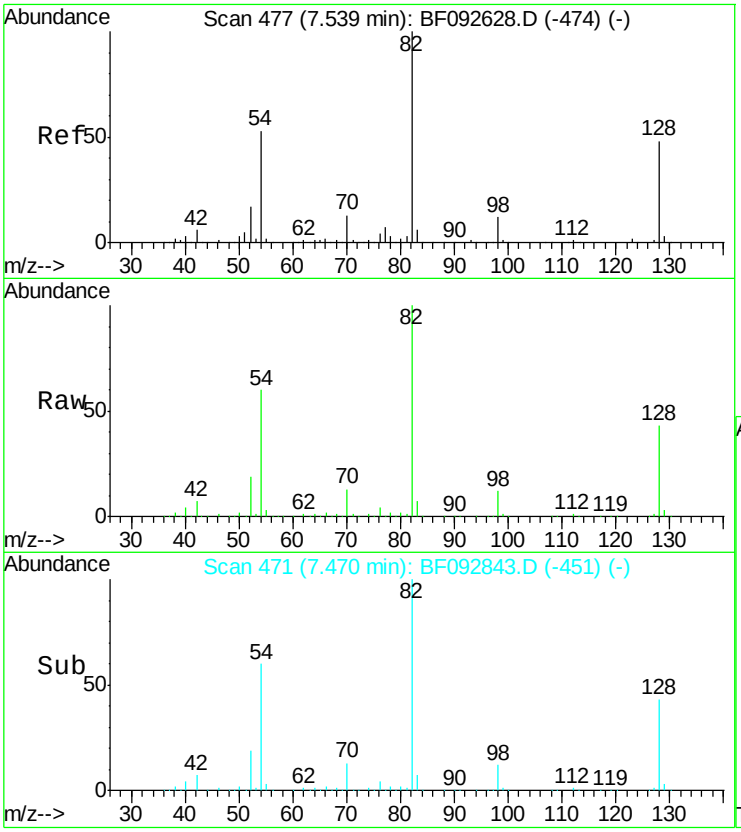


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:136 Resp: 631223

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	6.7	3.6	5.4#



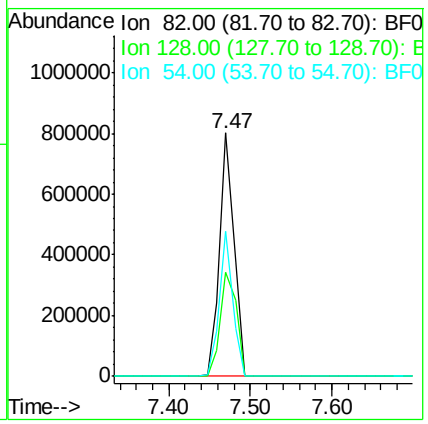


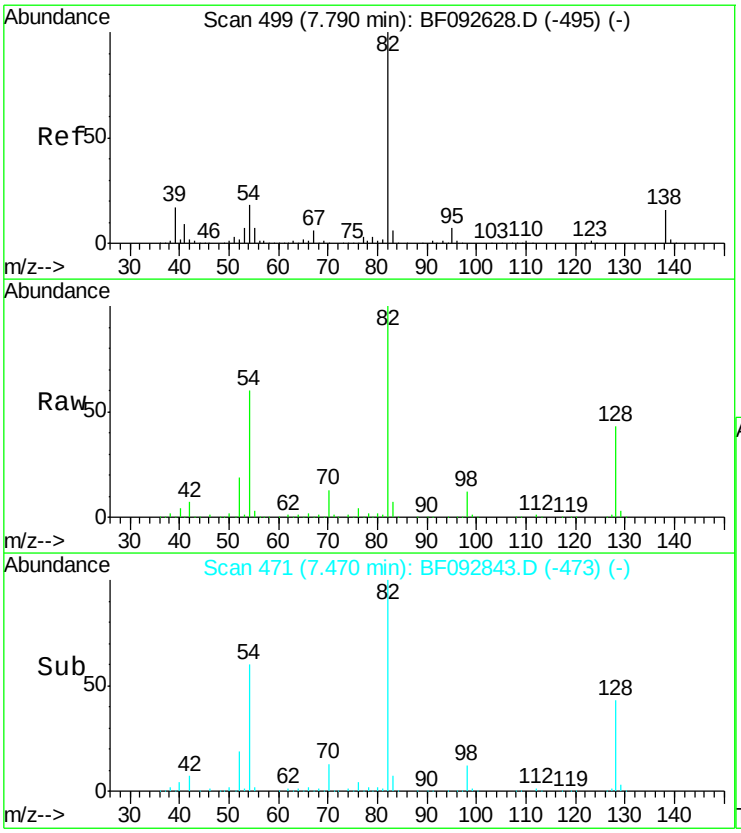
#23
Nitrobenzene-d5
Concen: 86.82 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 82 Resp: 984145

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	59.6	39.5	59.3#

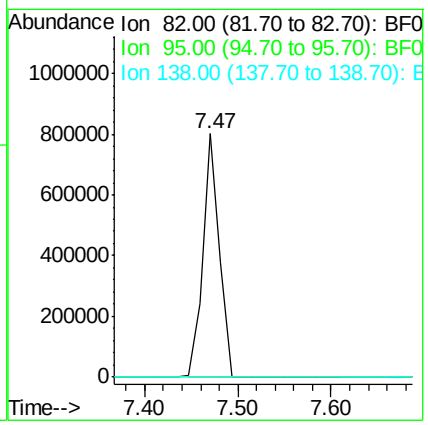


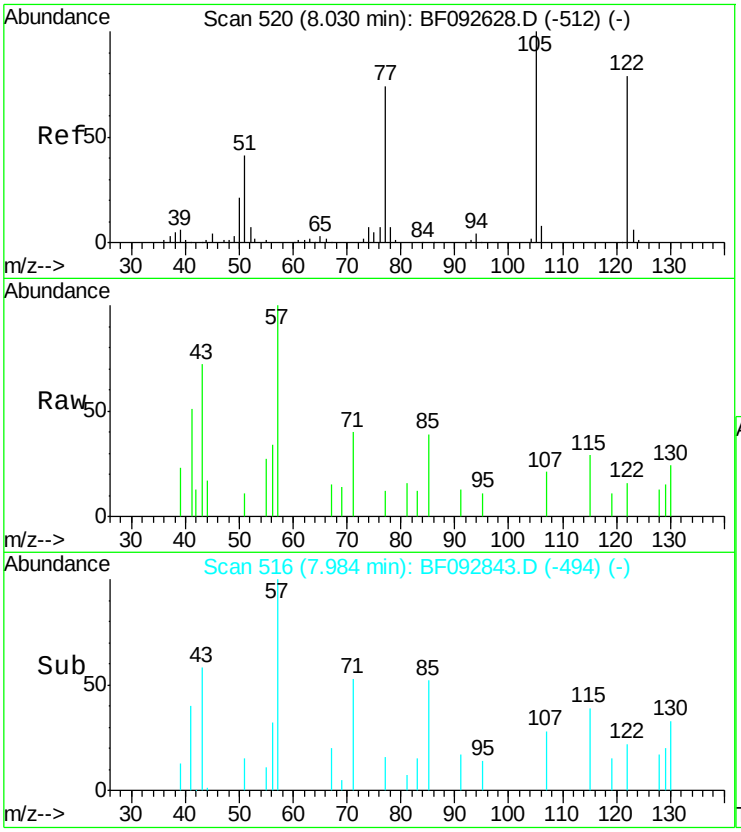


#25
Isophorone
Concen: 46.23 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.32 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion: 82 Resp: 976420

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



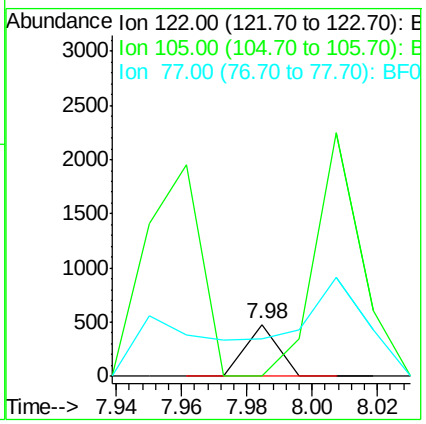


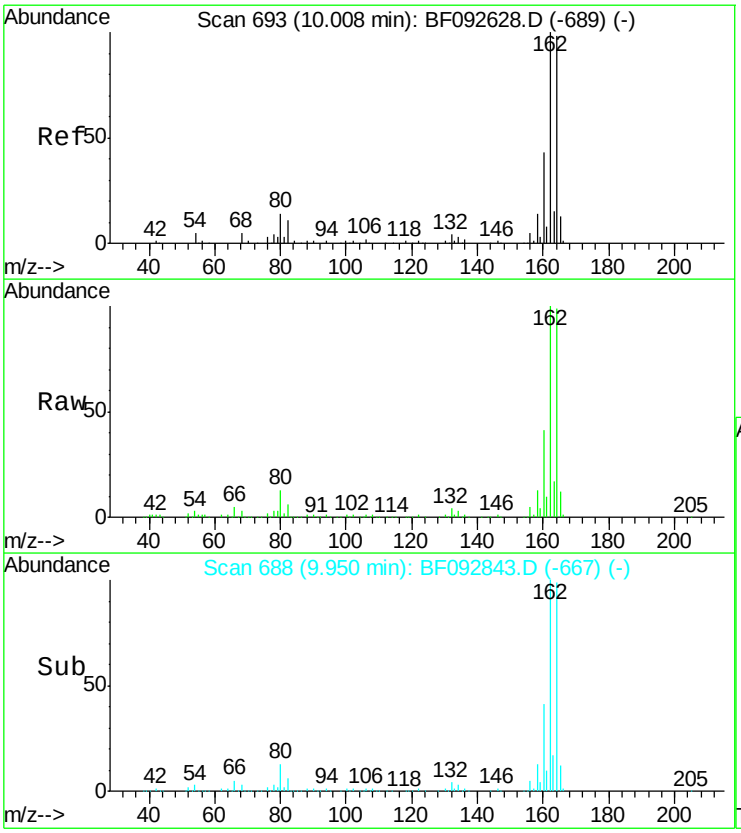
#32
Benzoic acid
Concen: 7.22 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:122 Resp: 330

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	72.3	74.5	114.5#

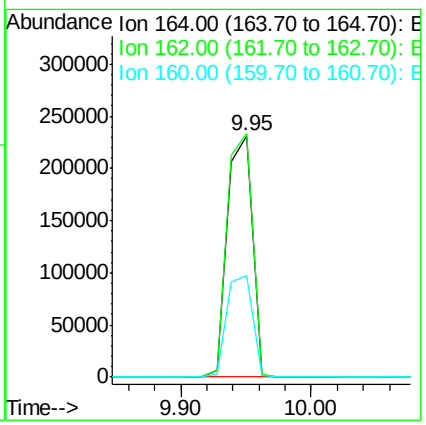


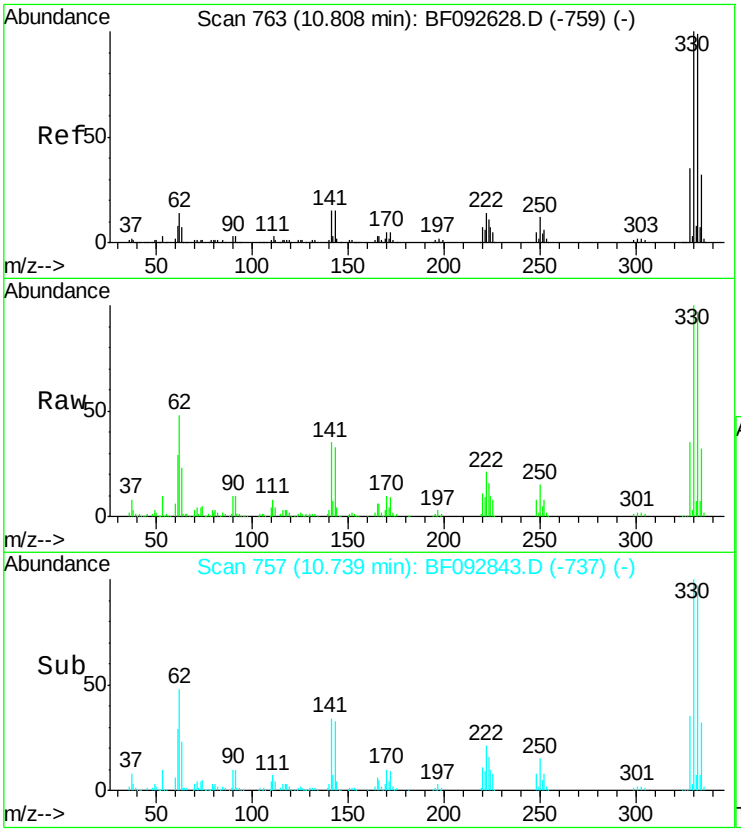


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:164 Resp: 307442

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	41.8	36.9	55.3



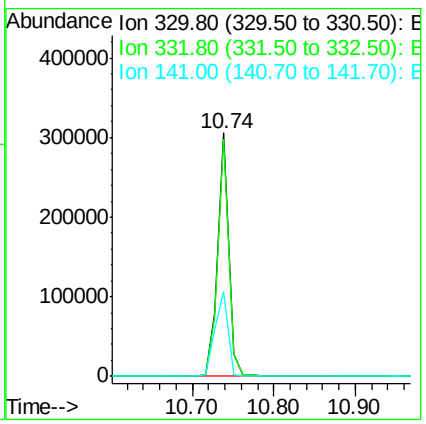


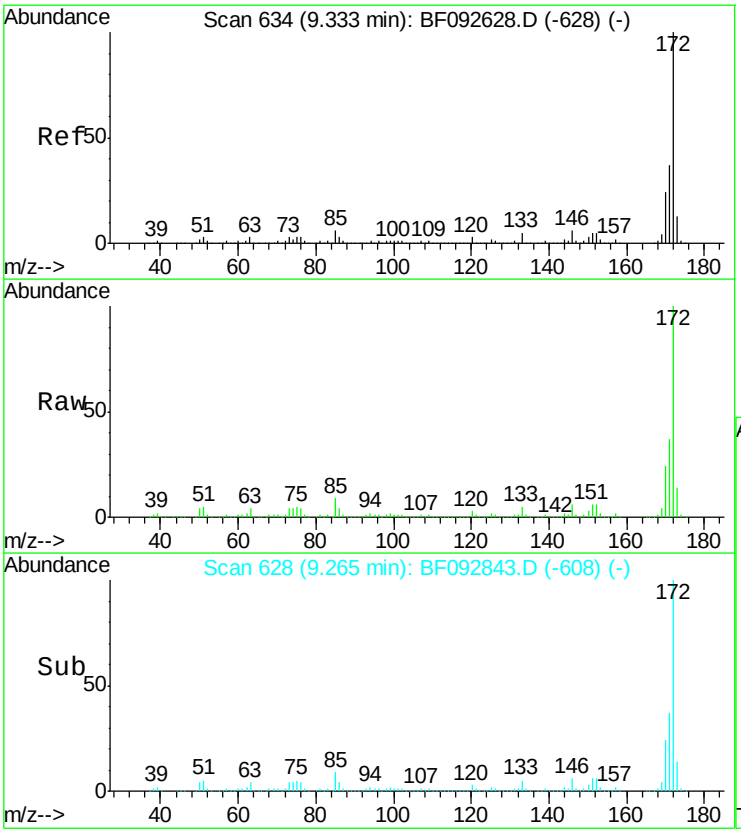
#41
2,4,6-Tribromophenol
Concen: 130.37 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:330 Resp: 289899

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	41.5	34.1	51.1

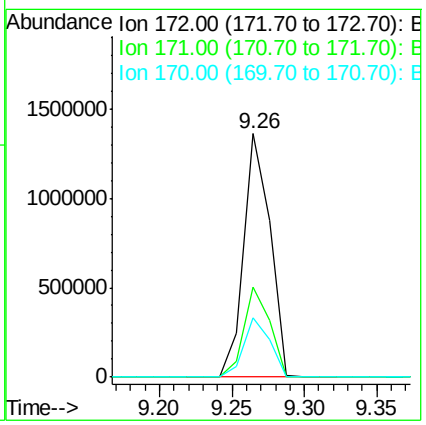


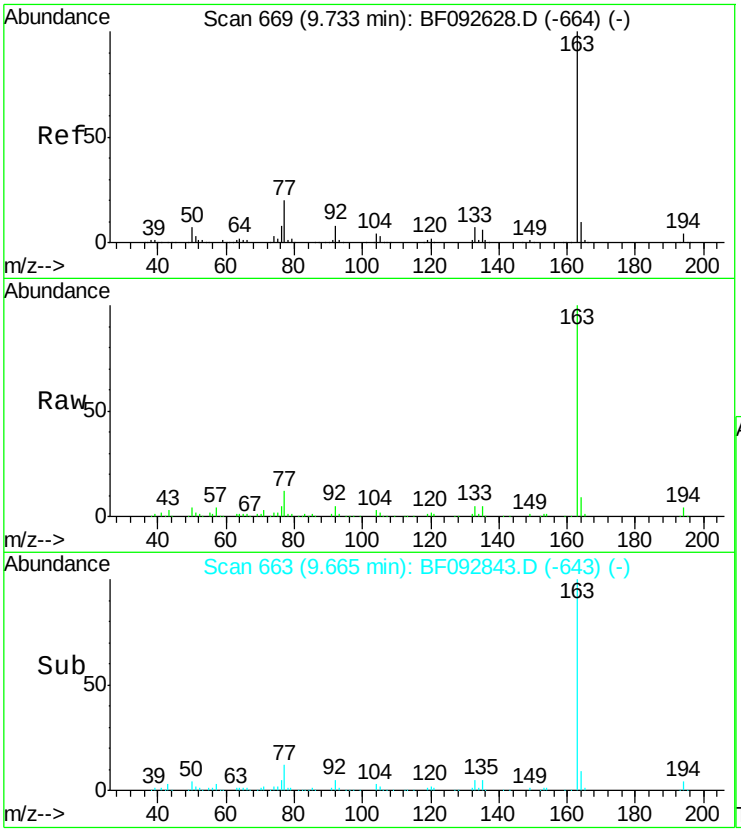


#44
2-Fluorobiphenyl
Concen: 101.06 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:172 Resp: 1715024

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.3	20.2	30.4



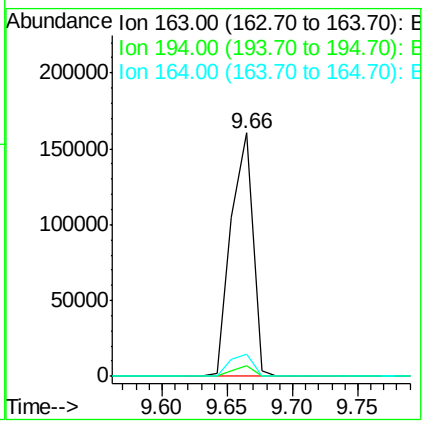


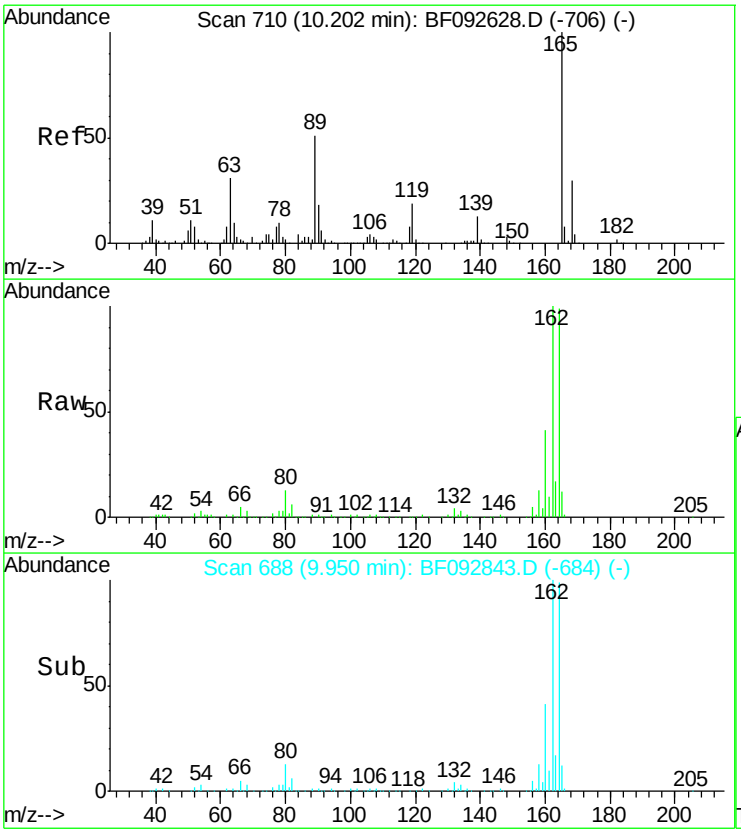
#49
Dimethylphthalate
Concen: 9.02 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:163 Resp: 186804

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4#
164	9.1	8.0	12.0

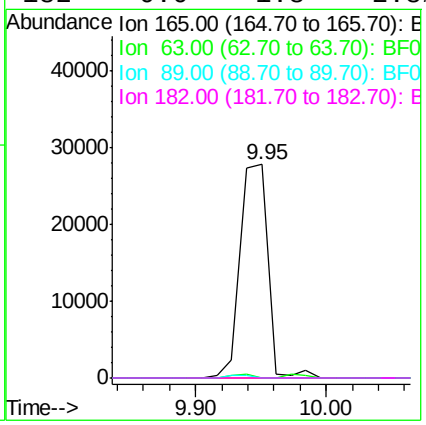


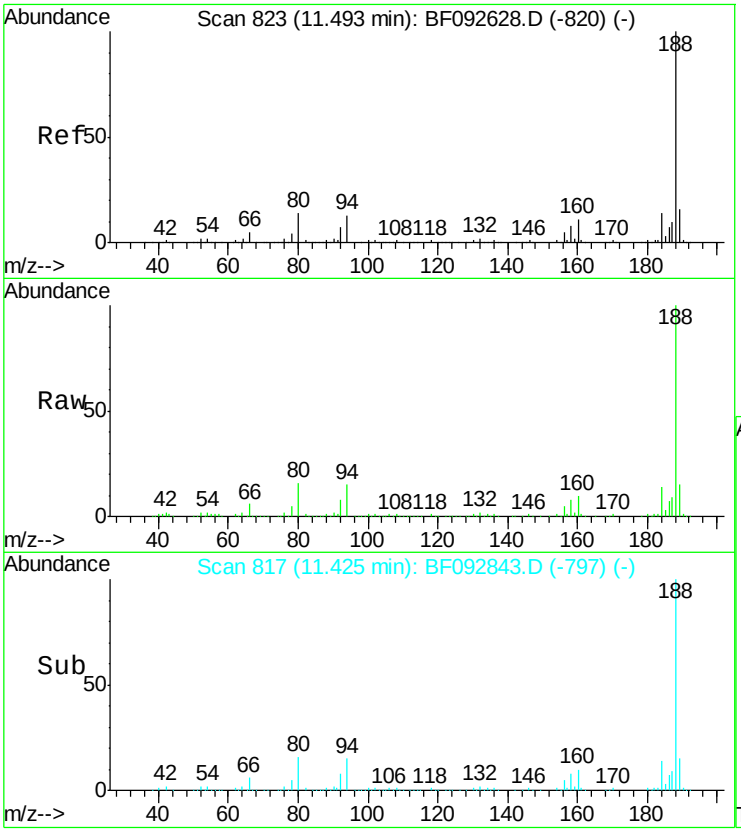


#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.25 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:165 Resp: 40900

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



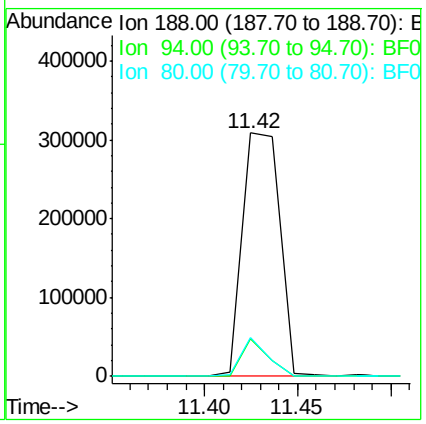


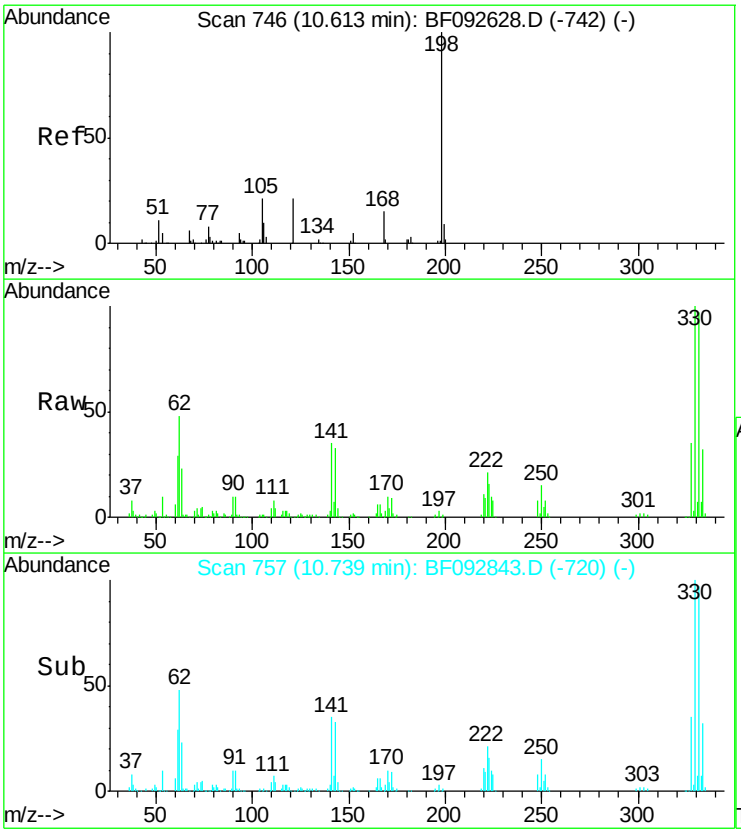
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:188 Resp: 428548

Ion	Ratio	Lower	Upper
188	100		
94	15.3	10.0	15.0#
80	15.7	11.2	16.8

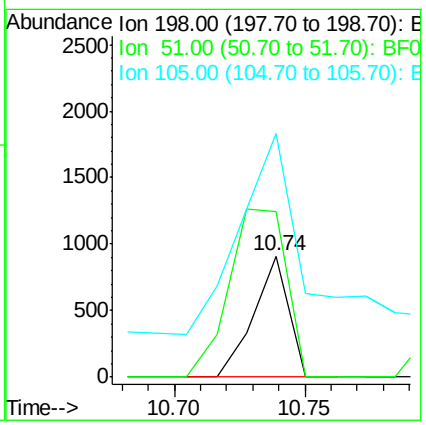


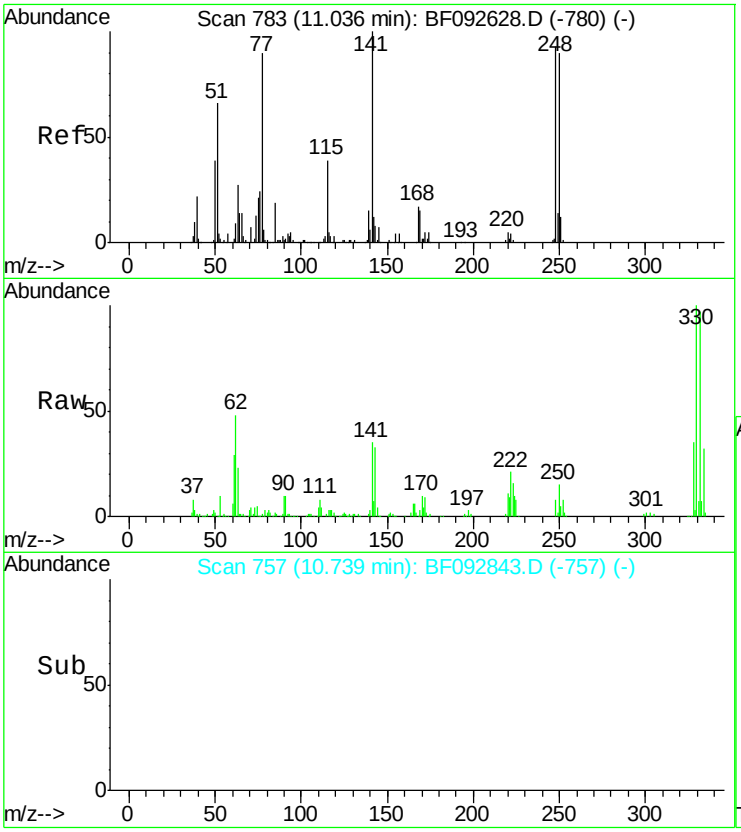


#64
4,6-Dinitro-2-methylphenol
Concen: 2.98 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:198 Resp: 851

Ion	Ratio	Lower	Upper
198	100		
51	137.0	6.7	46.7#
105	201.0	16.6	56.6#



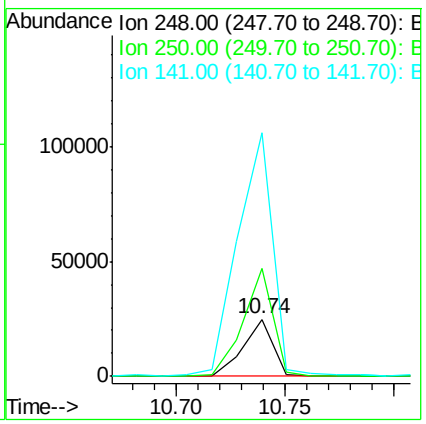


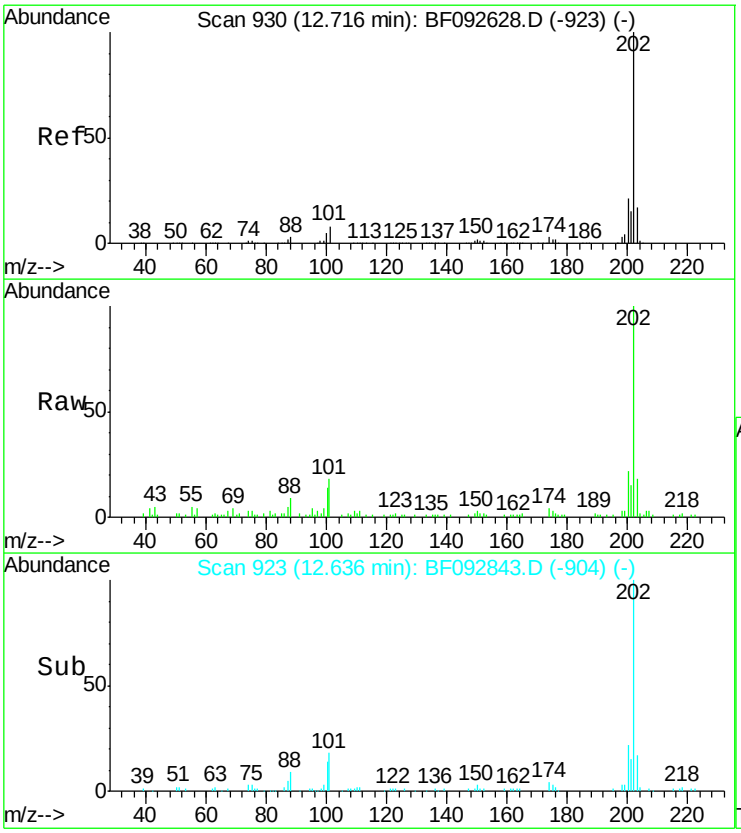
#66
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.30 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:248 Resp: 23500

Ion	Ratio	Lower	Upper
248	100		
250	189.8	76.9	115.3#
141	429.0	68.2	102.4#

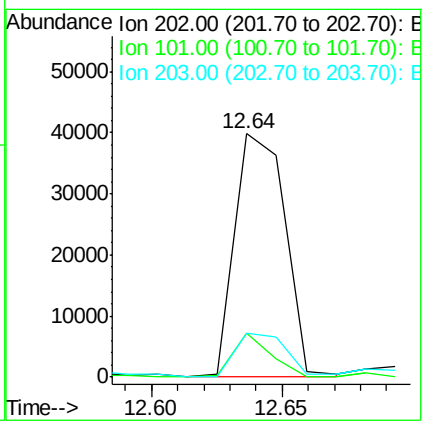


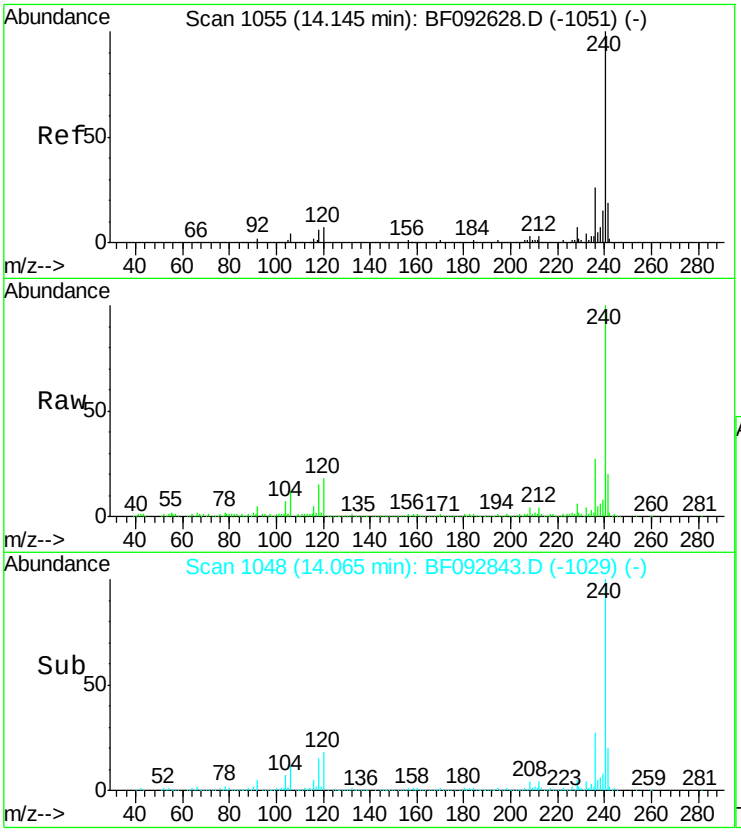


#74
Fluoranthene
Concen: 2.11 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.08 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:202 Resp: 53489

Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	34.6
203	18.1	0.0	38.7



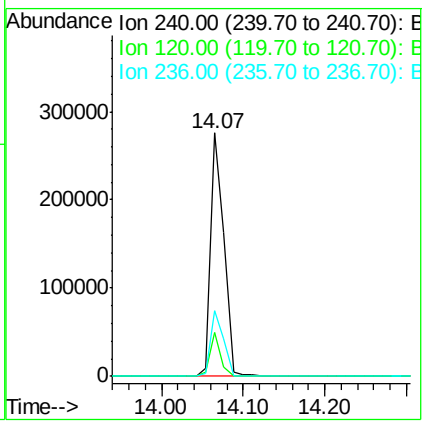


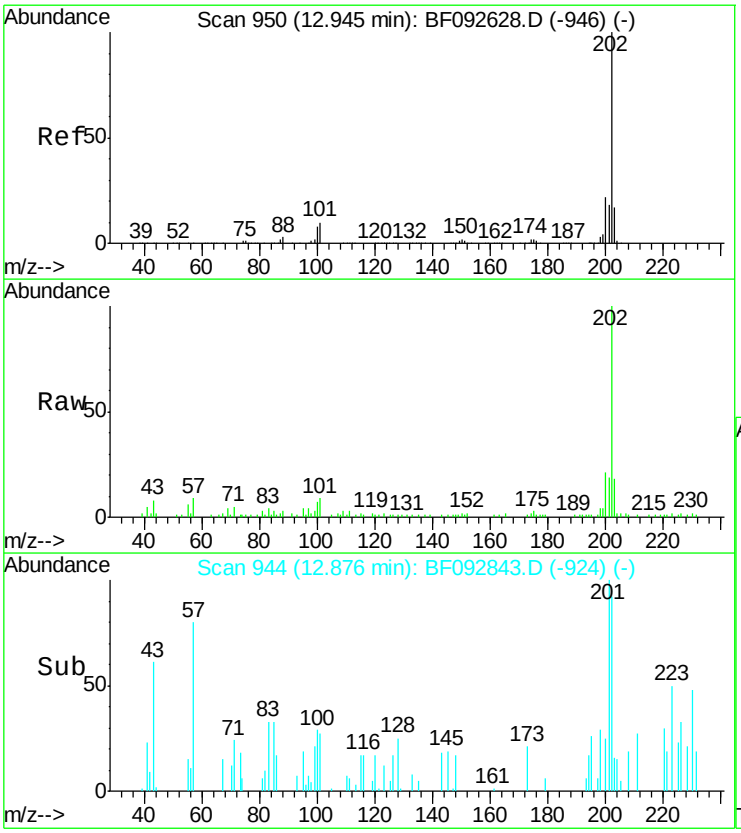
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:240 Resp: 315558

Ion	Ratio	Lower	Upper
240	100		
120	18.0	12.9	19.3
236	26.8	20.9	31.3

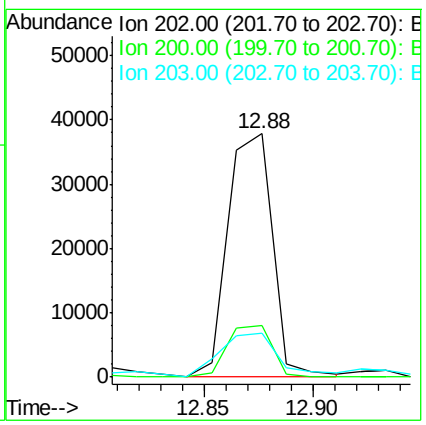


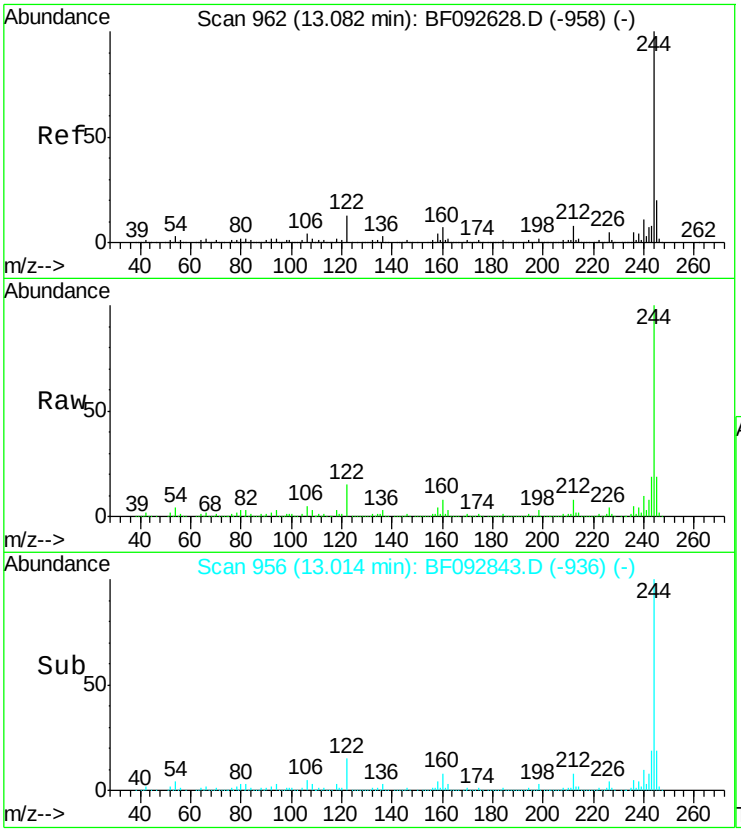


#77
Pyrene
Concen: 2.29 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:202 Resp: 54102

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	18.1	14.7	22.1



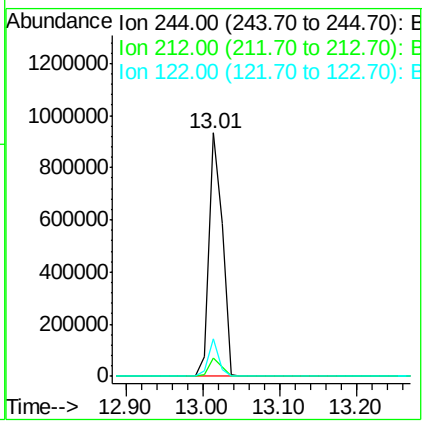


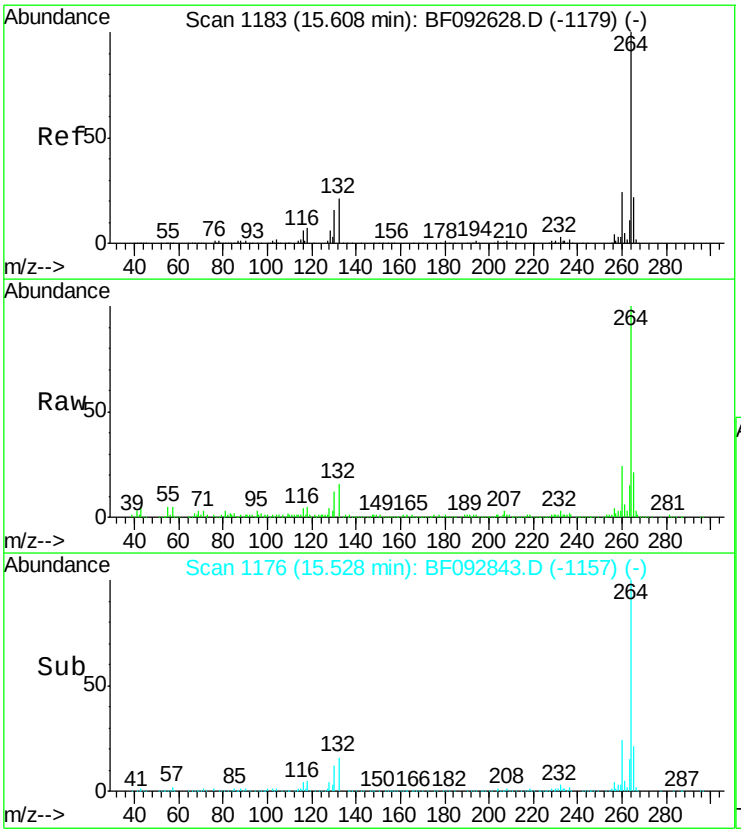
#78
Terphenyl-d14
Concen: 82.29 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:244 Resp: 1105097

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.2	11.4	17.2

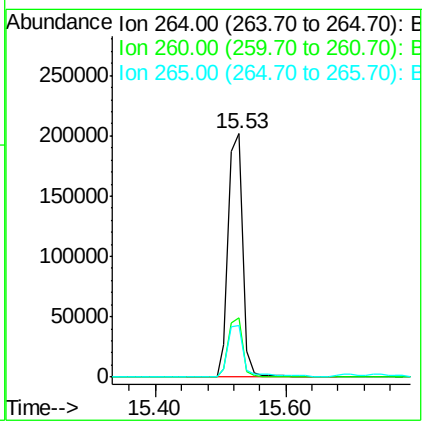


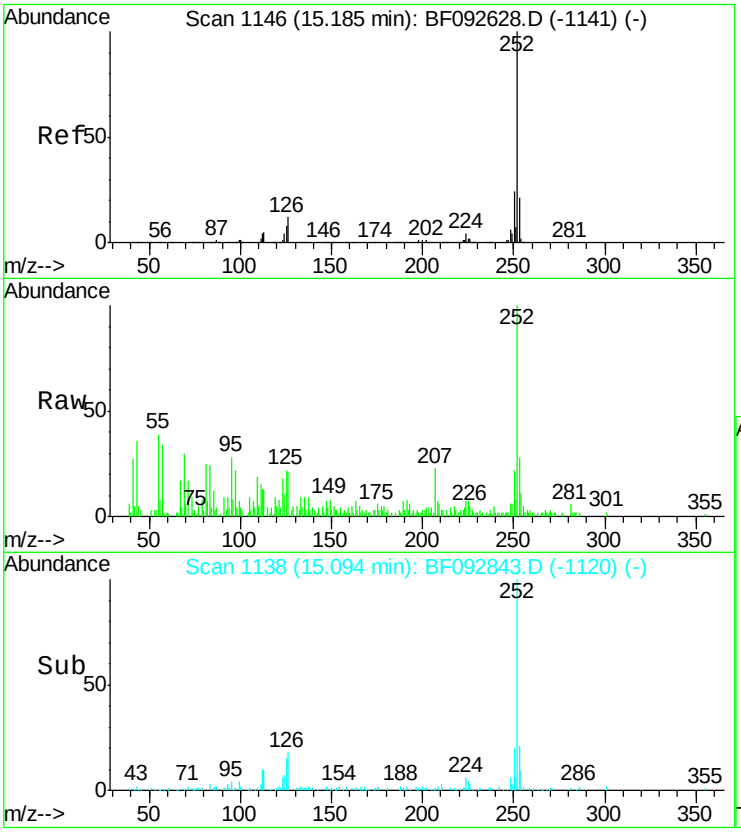


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:264 Resp: 308963

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.4	26.0



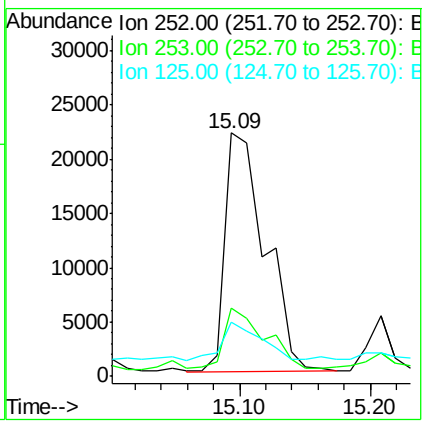


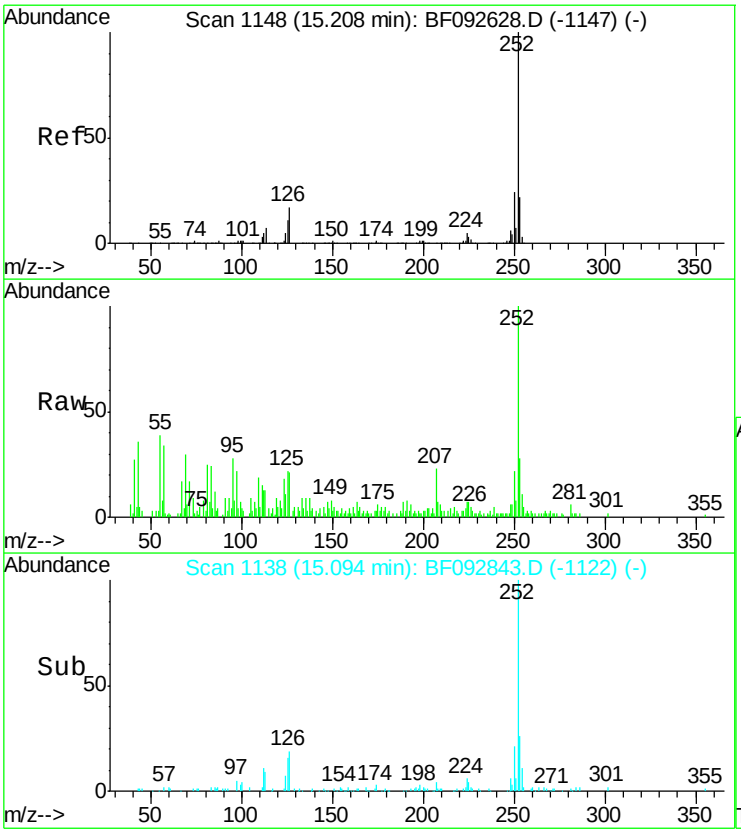
#87
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:252 Resp: 47365

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.4#
125	22.4	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:252 Resp: 47393

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.5	27.7#
125	22.4	8.9	13.3#