Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090020.D
Acq On : 7 Sep 2016 22:27
Operator : UM/SJ
Sample : H4686-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-004

Quant Time: Sep 08 07:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	199530	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	774162	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	342820	20.00	ng		-0.02
63) Phenanthrene-d10	11.12	188	595016	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	449177	20.00	ng		-0.02
86) Perylene-d12	15.09	264	329991	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1263243	101.34	ng		-0.01
7) Phenol-d6	6.27	99	1682365	111.07	ng		-0.01
23) Nitrobenzene-d5	7.19	82	946318	70.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	312605	92.43	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1527078	73.12	ng		-0.02
78) Terphenyl-d14	12.71	244	1233147	67.82	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	125198	12.68	ng	#	81
25) Isophorone	7.19	82	773731	28.50	ng	#	65
49) Dimethylphthalate	9.38	163	499082	20.14	ng		99
56) 2,4-Dinitrotoluene	9.64	165	44451	6.36	ng	#	30
66) 4-Bromophenyl-phenylether	10.43	248	20870	3.48	ng	#	1
74) Fluoranthene	12.32	202	87942	2.83	ng		97
77) Pyrene	12.55	202	83904	2.65	ng		99
80) Benzo(a)anthracene	13.73	228	56802	2.06	ng		92
82) Chrysene	13.73	228	56802	2.21	ng		97
87) Benzo(b)fluoranthene	14.72	252	68382	3.31	ng	#	82
88) Benzo(k)fluoranthene	14.72	252	68382	3.90	ng	#	83

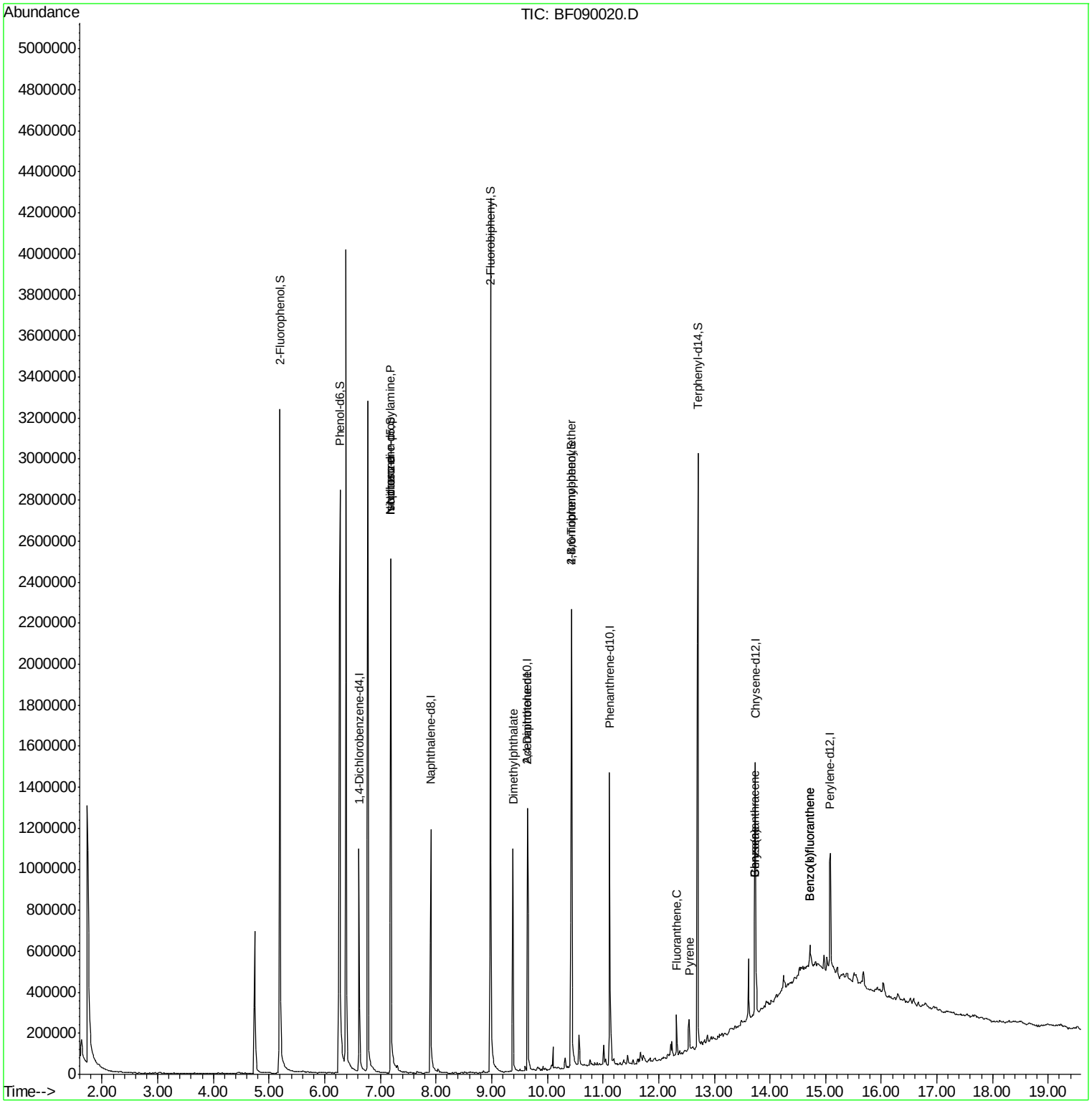
(#) = qualifier out of range (m) = manual integration (+) = signals summed

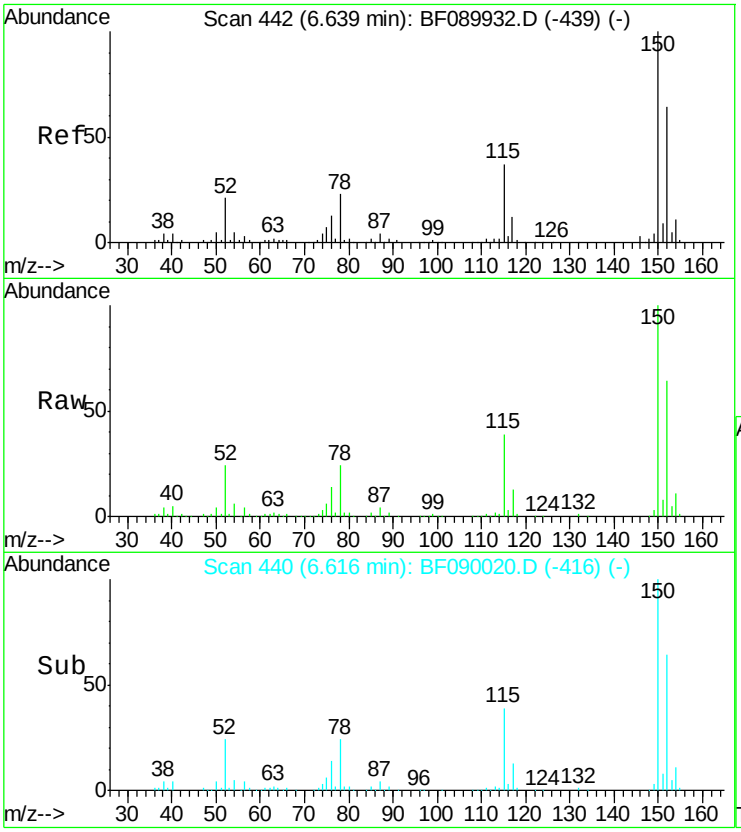
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090020.D
Acq On : 7 Sep 2016 22:27
Operator : UM/SJ
Sample : H4686-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-004

Quant Time: Sep 08 07:18:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration



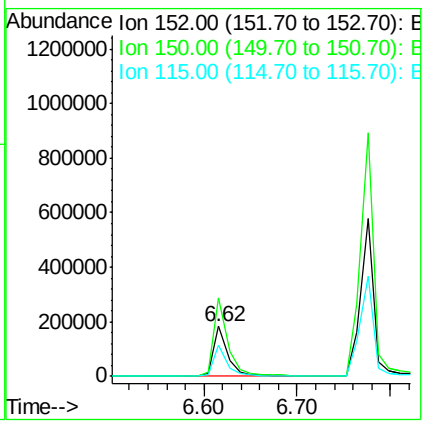


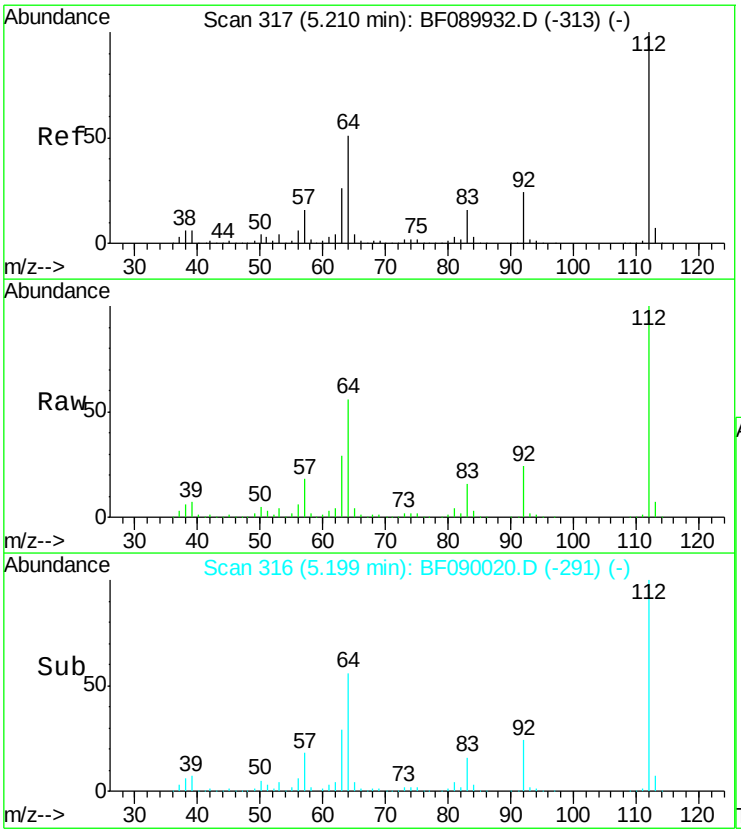
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:152 Resp: 199530

Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.2
115	61.1	46.3	69.5

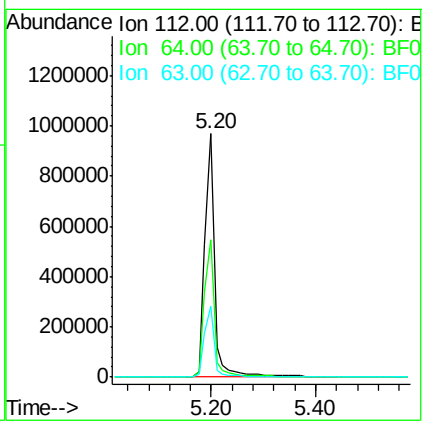


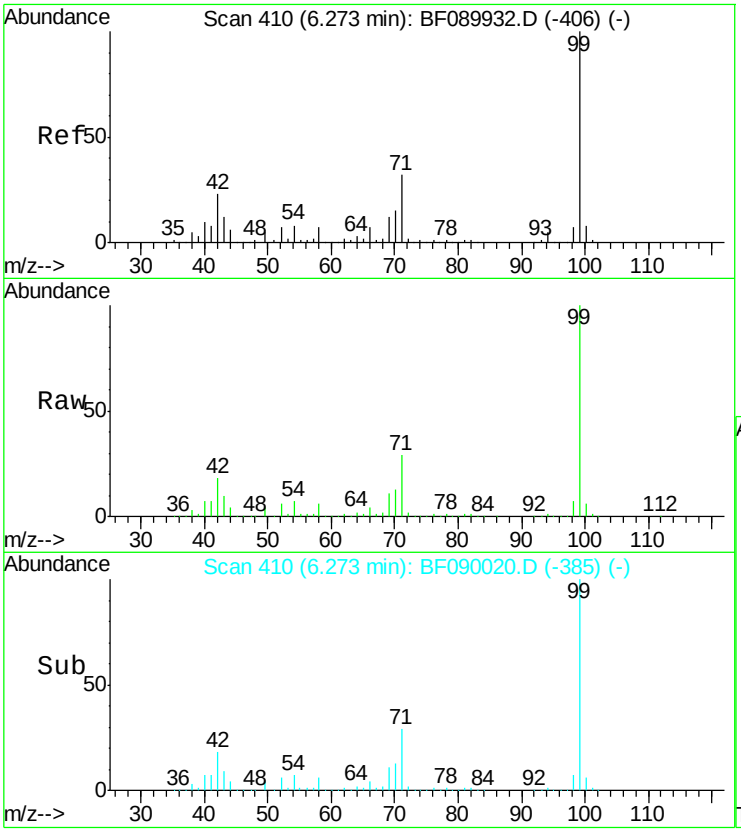


#5
2-Fluorophenol
Concen: 101.34 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:112 Resp: 1263243

Ion	Ratio	Lower	Upper
112	100		
64	56.3	41.1	61.7
63	29.3	21.2	31.8



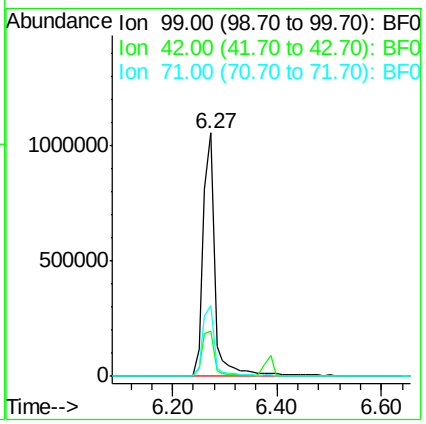


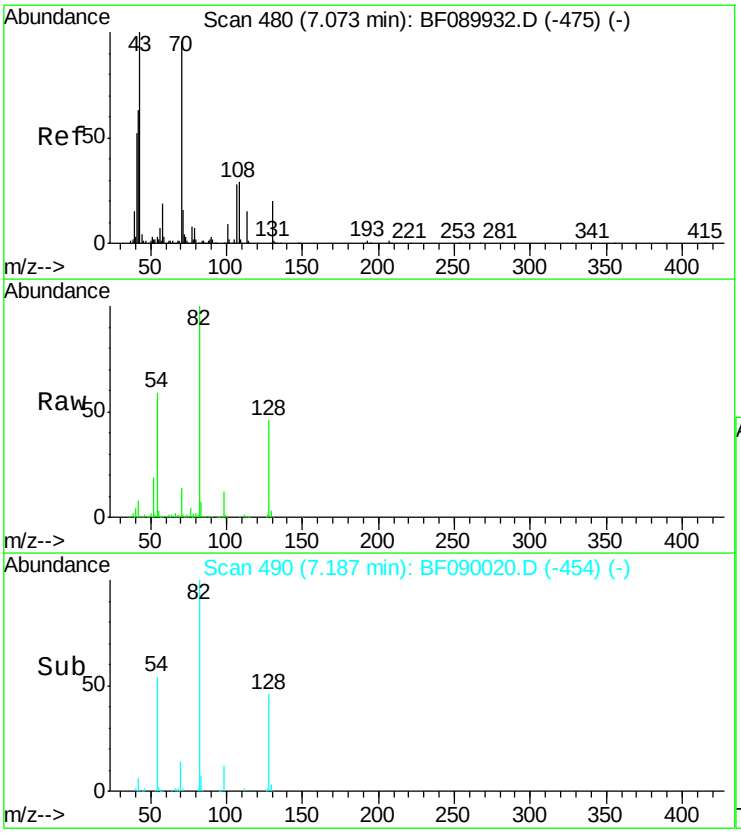
#7
Phenol-d6
Concen: 111.07 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion: 99 Resp: 1682365

Ion	Ratio	Lower	Upper
99	100		
42	18.3	18.6	27.8#
71	29.1	25.8	38.6

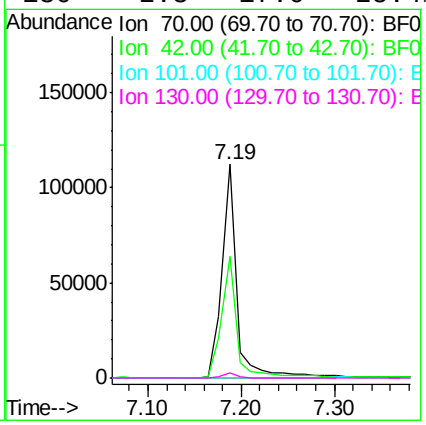


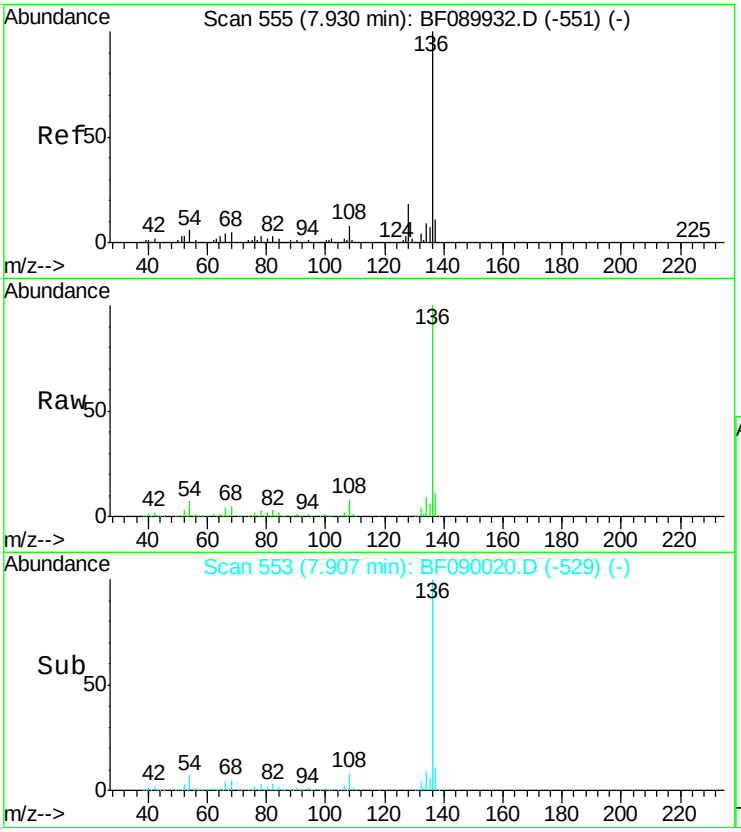


#19
n-Nitroso-di-n-propylamine
Concen: 12.68 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion: 70 Resp: 125198

Ion	Ratio	Lower	Upper
70	100		
42	56.8	52.1	78.1
101	0.0	7.4	11.2#
130	2.3	17.0	25.4#



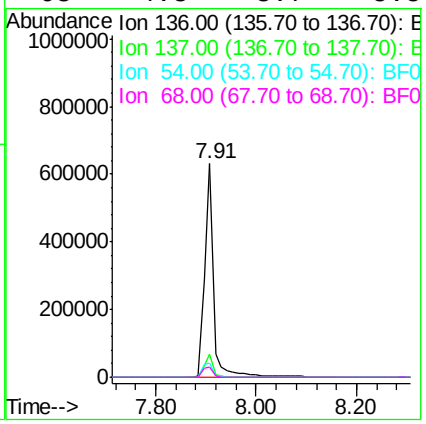


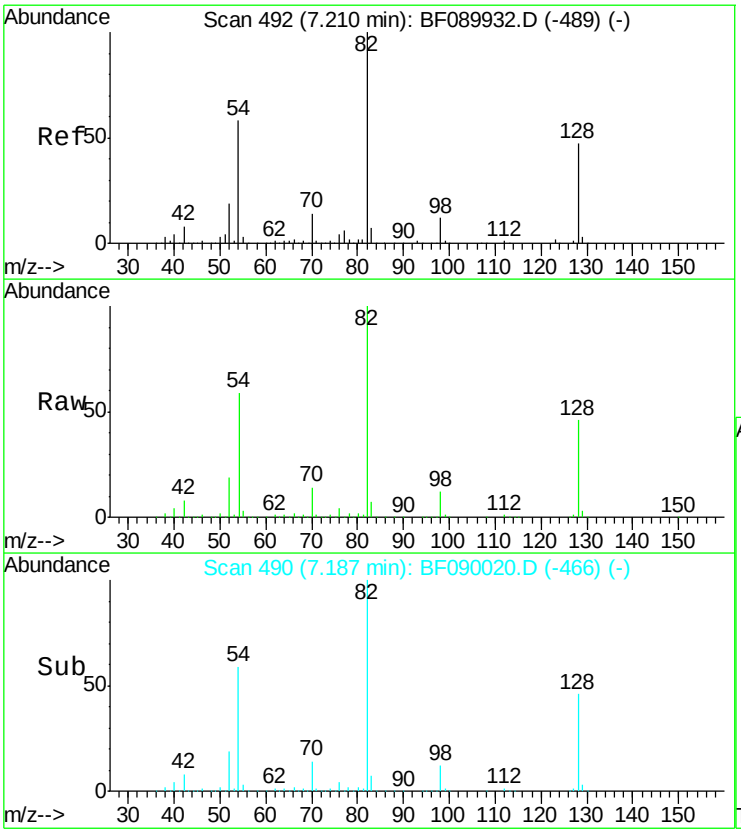
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:136 Resp: 774162

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.3	12.5
54	6.7	4.8	7.2
68	4.8	3.7	5.5

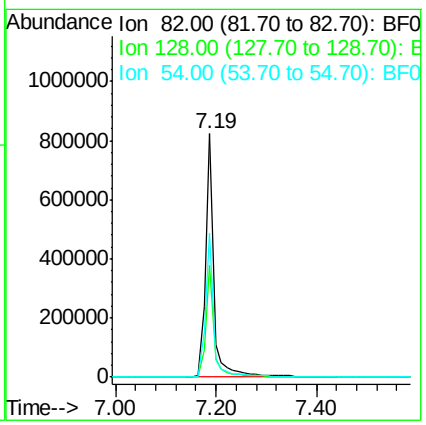


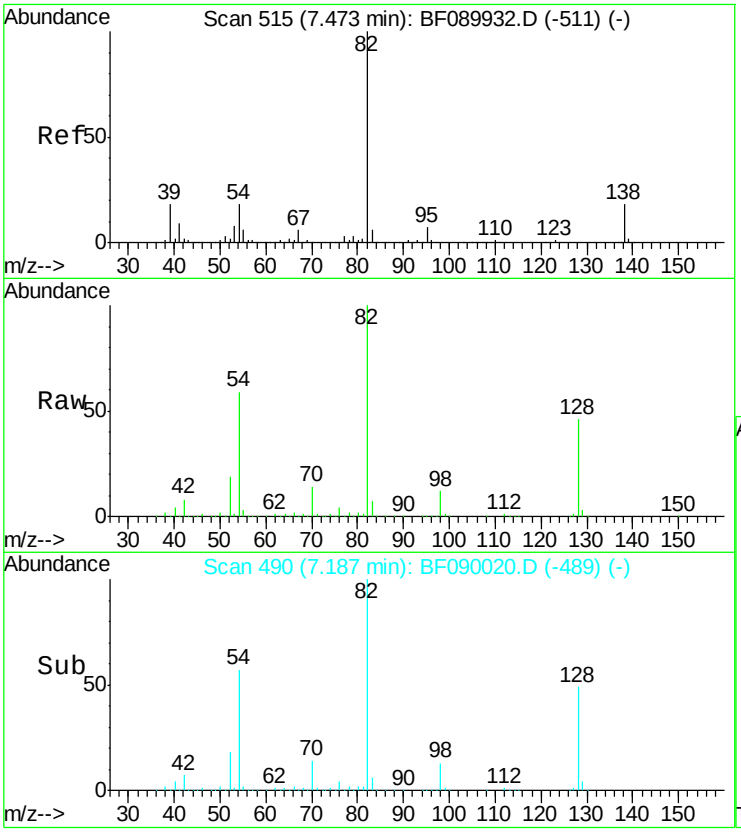


#23
Nitrobenzene-d5
Concen: 70.89 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion: 82 Resp: 946318

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	59.1	46.9	70.3



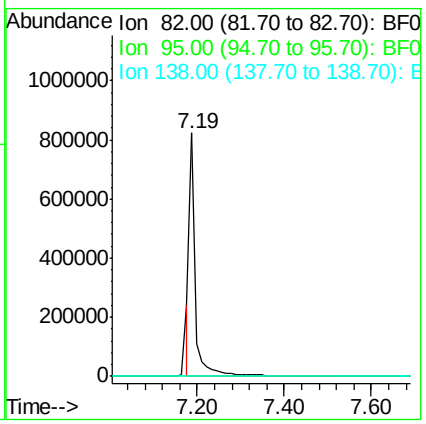


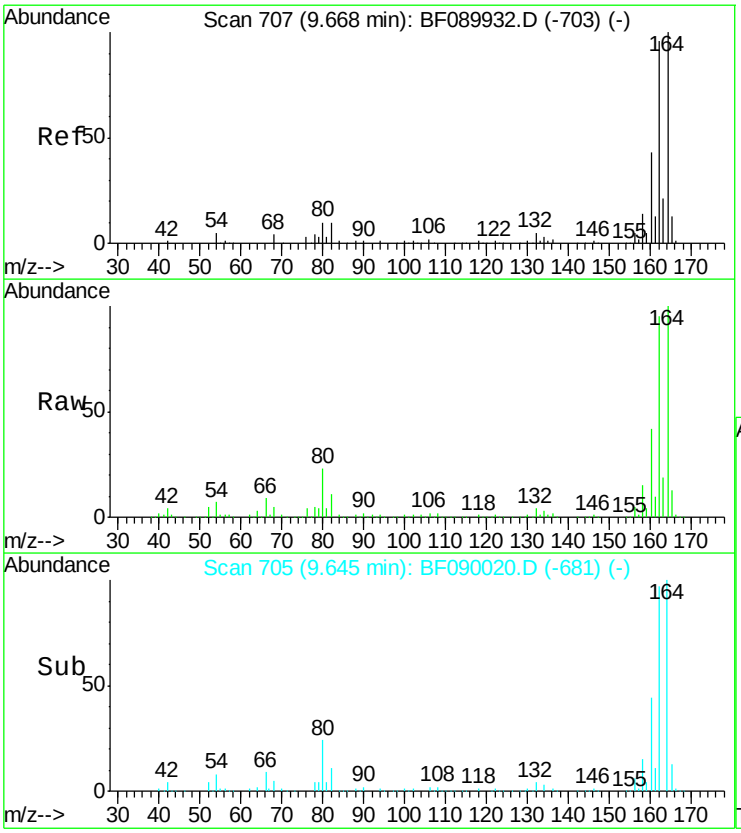
#25
Isophorone
Concen: 28.50 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.29 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion: 82 Resp: 773731

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.4	21.6#

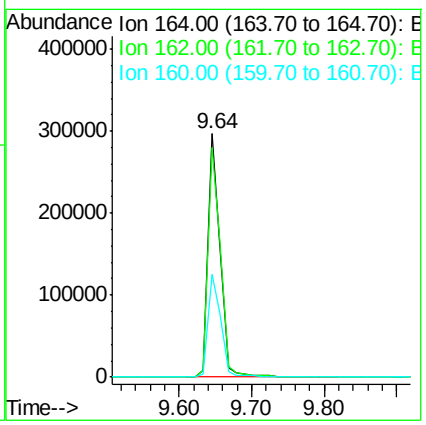


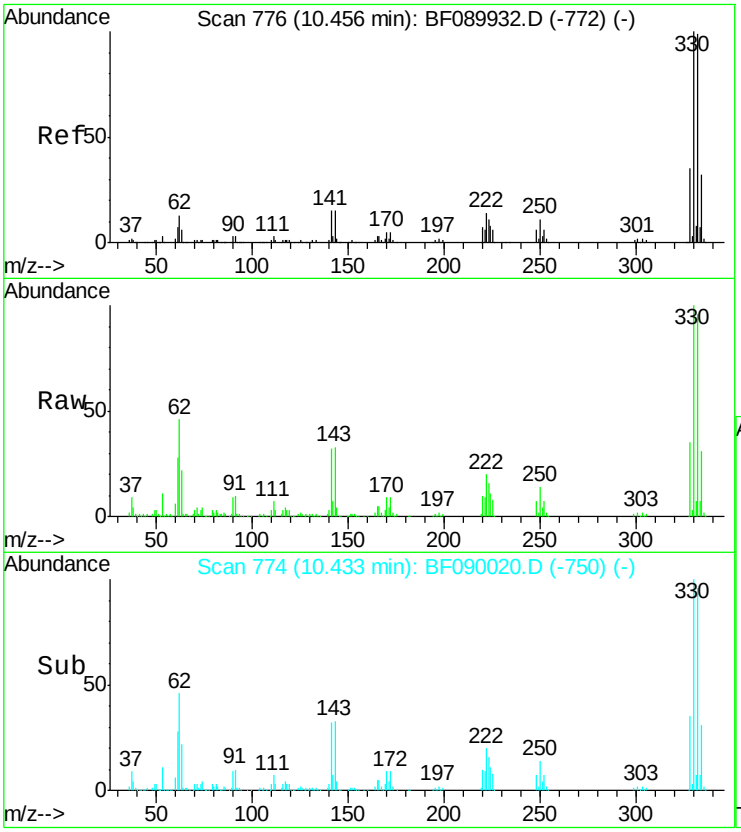


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:164 Resp: 342820

Ion	Ratio	Lower	Upper
164	100		
162	94.5	77.1	115.7
160	42.2	35.3	52.9



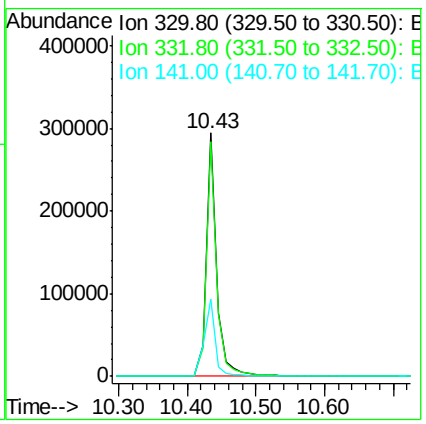


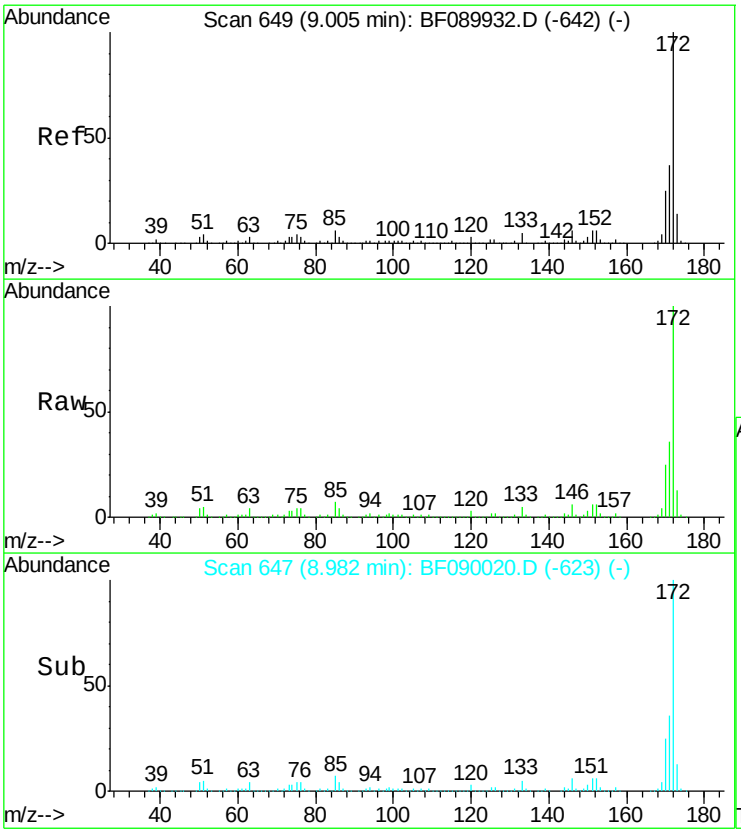
#41
2,4,6-Tribromophenol
Concen: 92.43 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:330 Resp: 312605

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	34.5	23.3	34.9

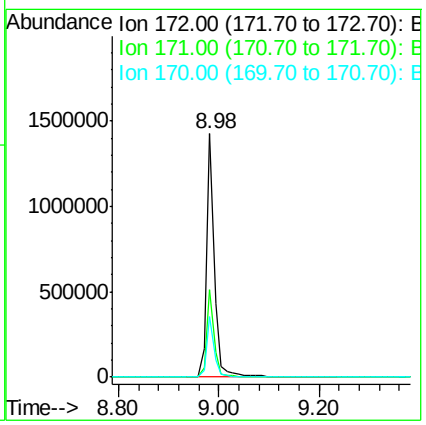


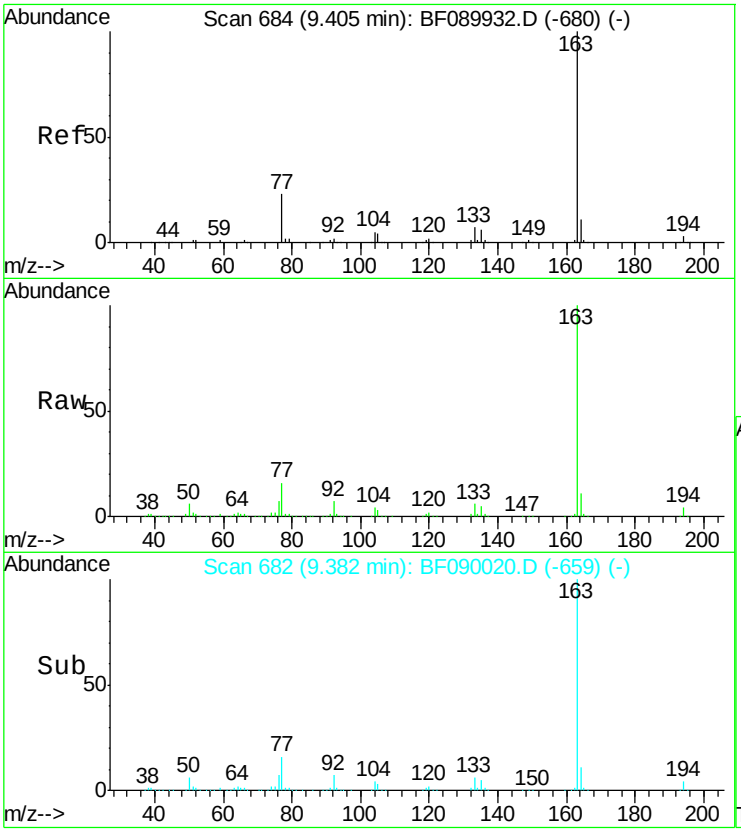


#44
2-Fluorobiphenyl
Concen: 73.12 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:172 Resp: 1527078

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.8	20.1	30.1



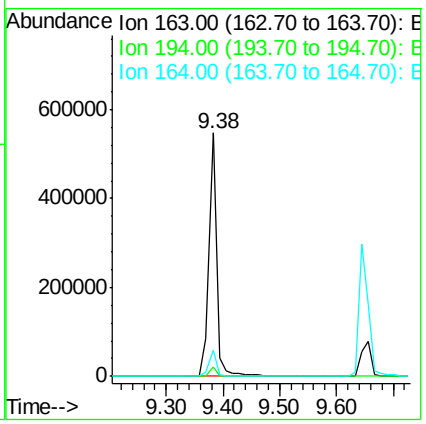


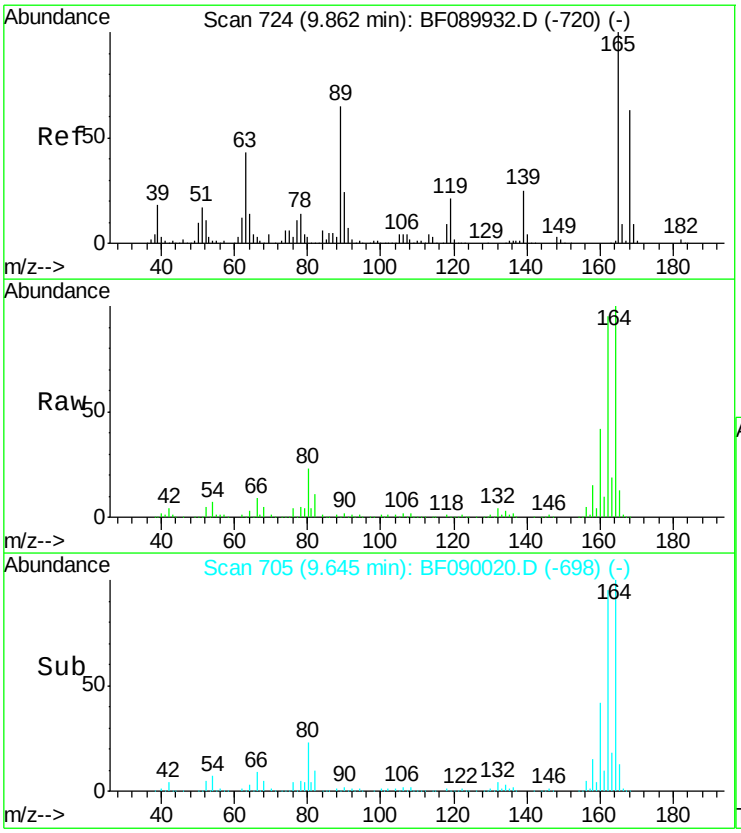
#49
Dimethylphthalate
Concen: 20.14 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:163 Resp: 499082

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	9.0	13.4

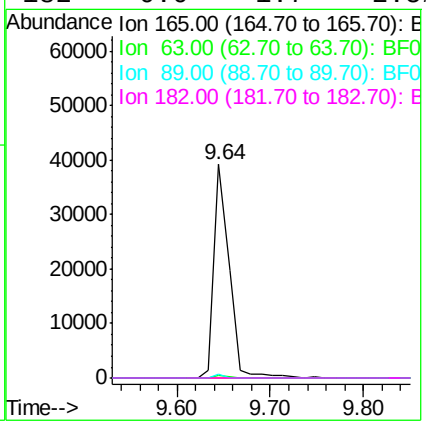


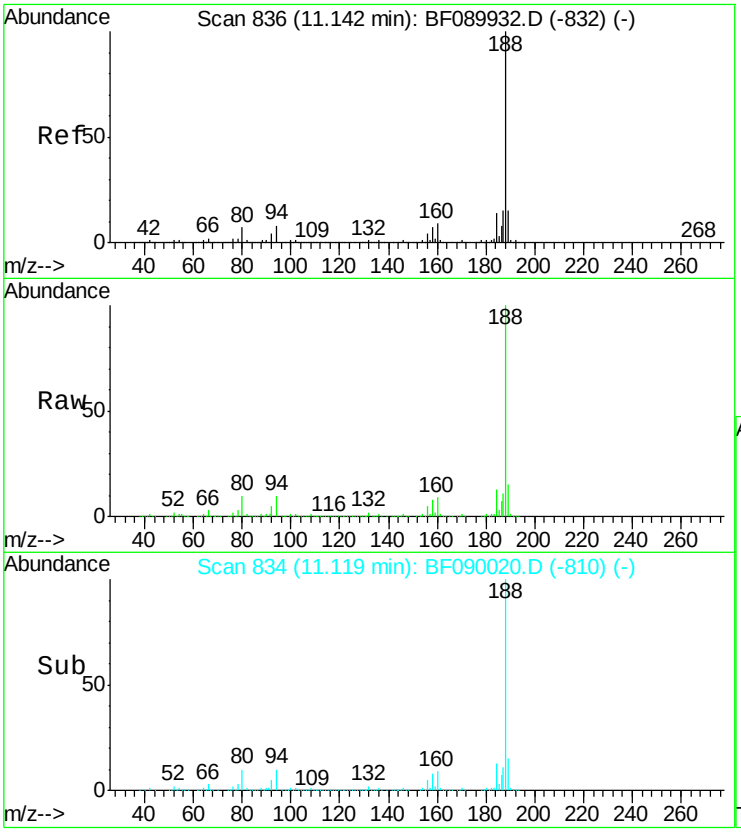


#56
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:165 Resp: 44451

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.5	48.7#
89	1.5	48.3	72.5#
182	0.0	1.7	2.5#



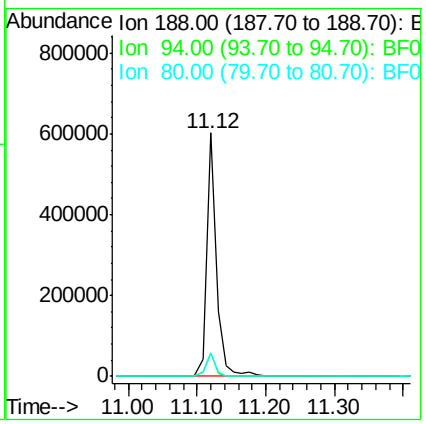


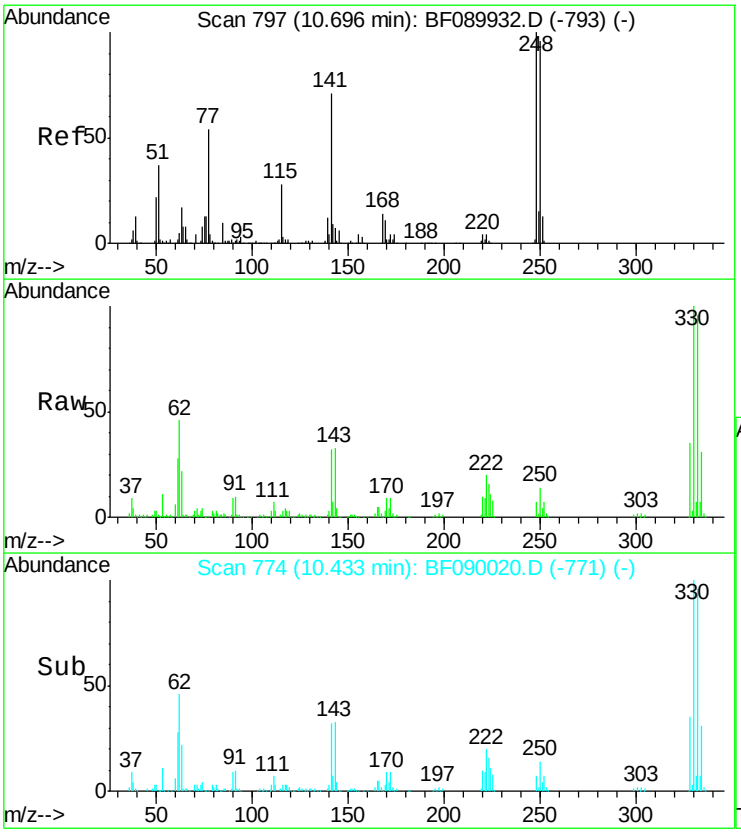
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:188 Resp: 595016

Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.9	8.9#
80	9.9	5.8	8.8#

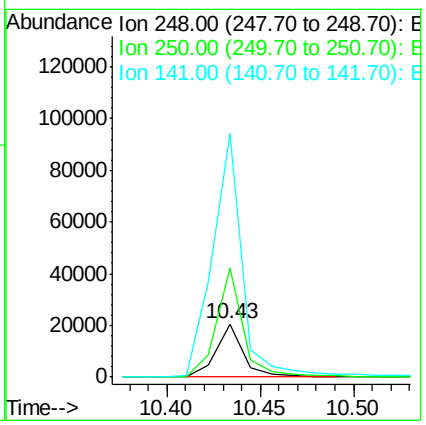


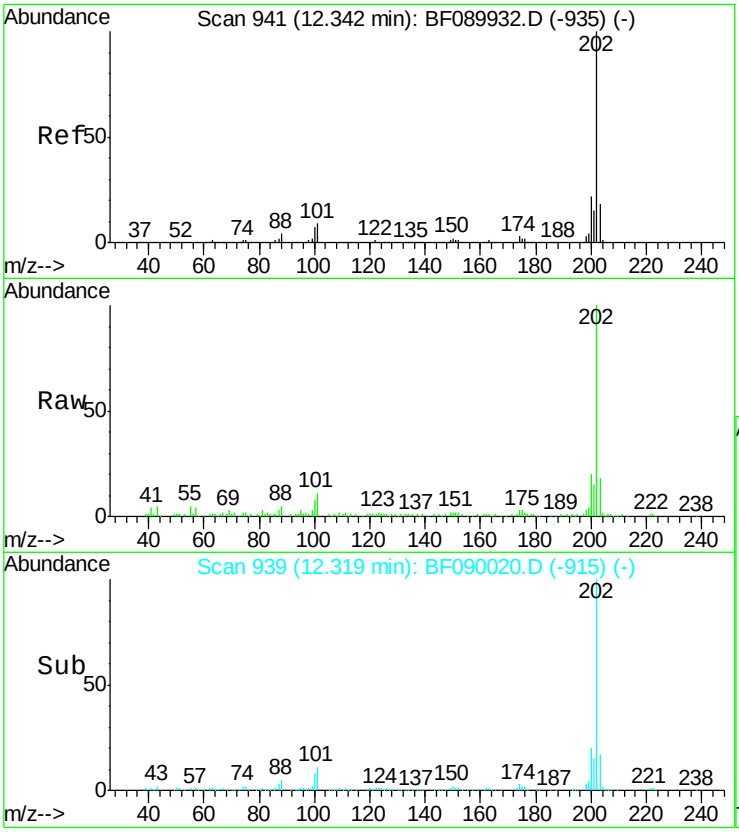


#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:248 Resp: 20870

Ion	Ratio	Lower	Upper
248	100		
250	204.4	77.3	115.9#
141	457.0	55.8	83.8#



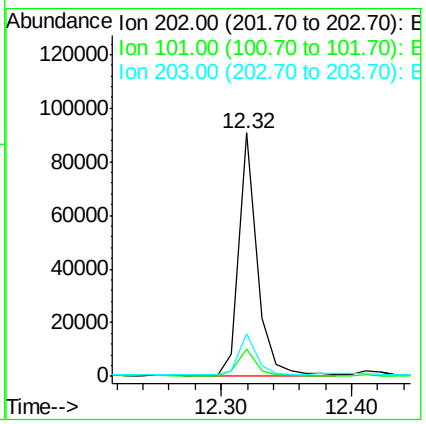


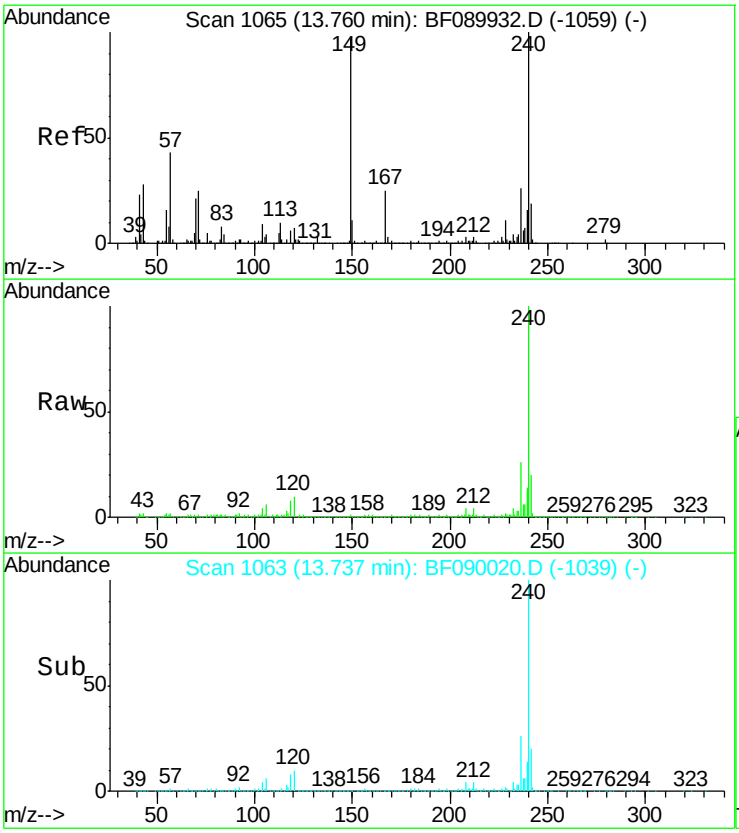
#74
Fluoranthene
Concen: 2.83 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:202 Resp: 87942

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	28.5
203	17.7	0.0	38.0

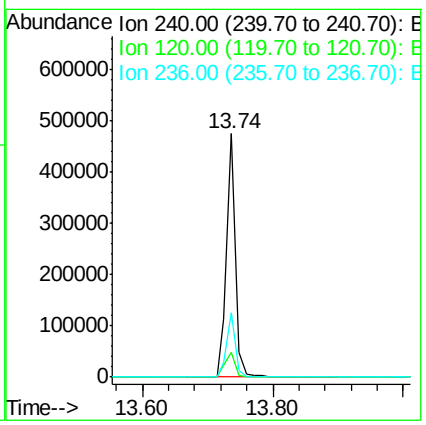


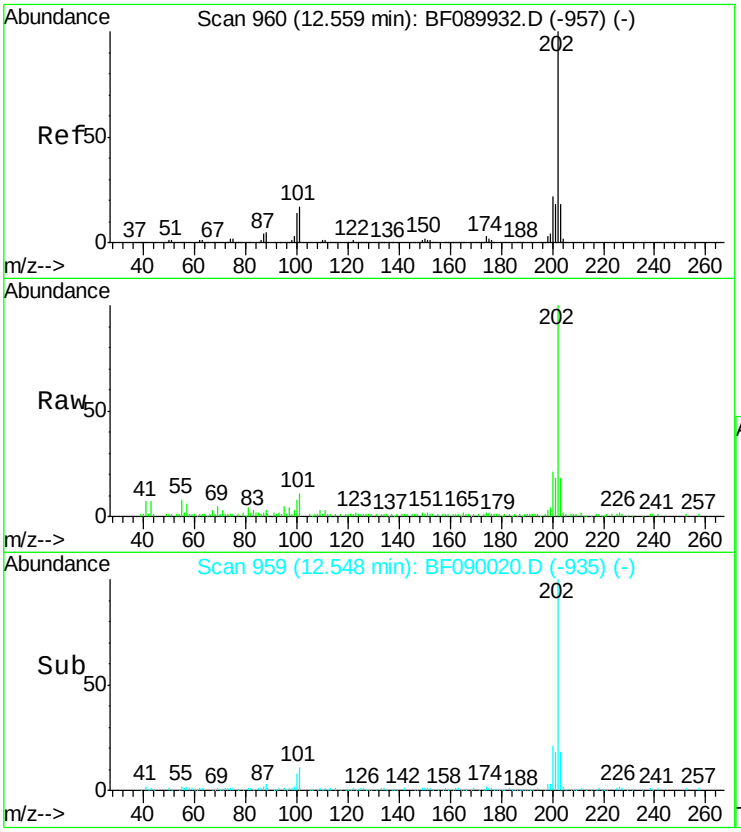


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:240 Resp: 449177

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.7	8.5#
236	26.3	21.3	31.9



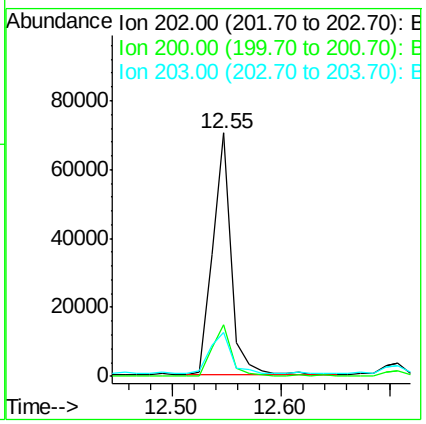


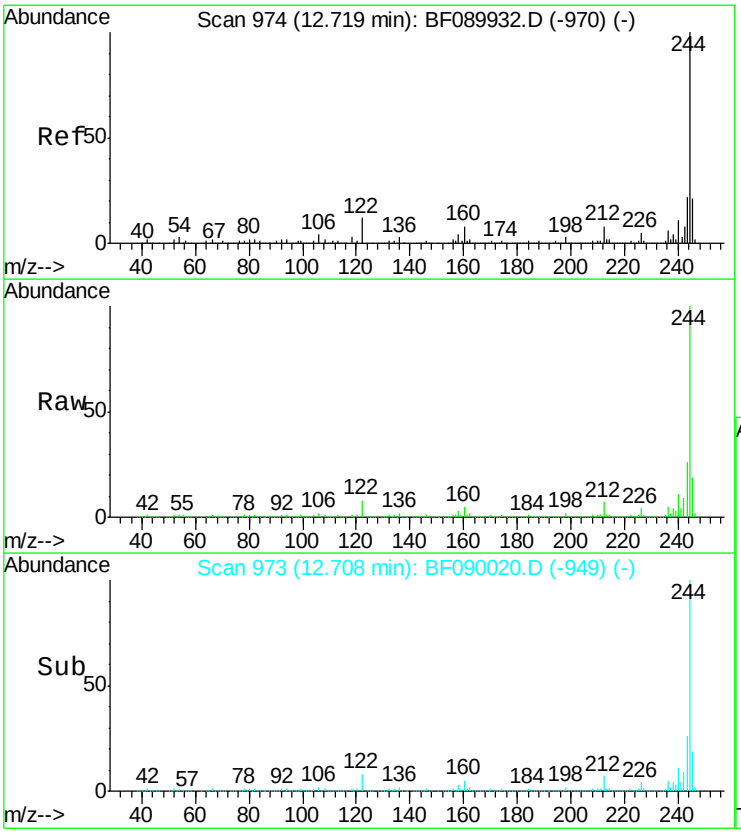
#77
Pyrene
Concen: 2.65 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:202 Resp: 83904

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.2	14.6	21.8

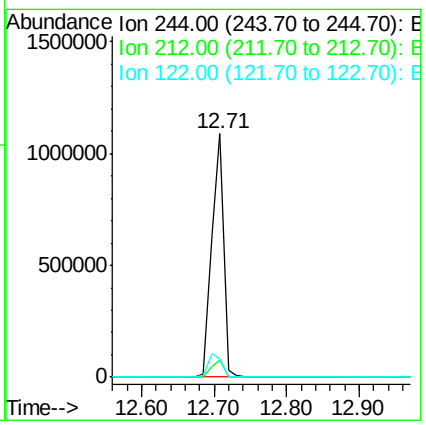


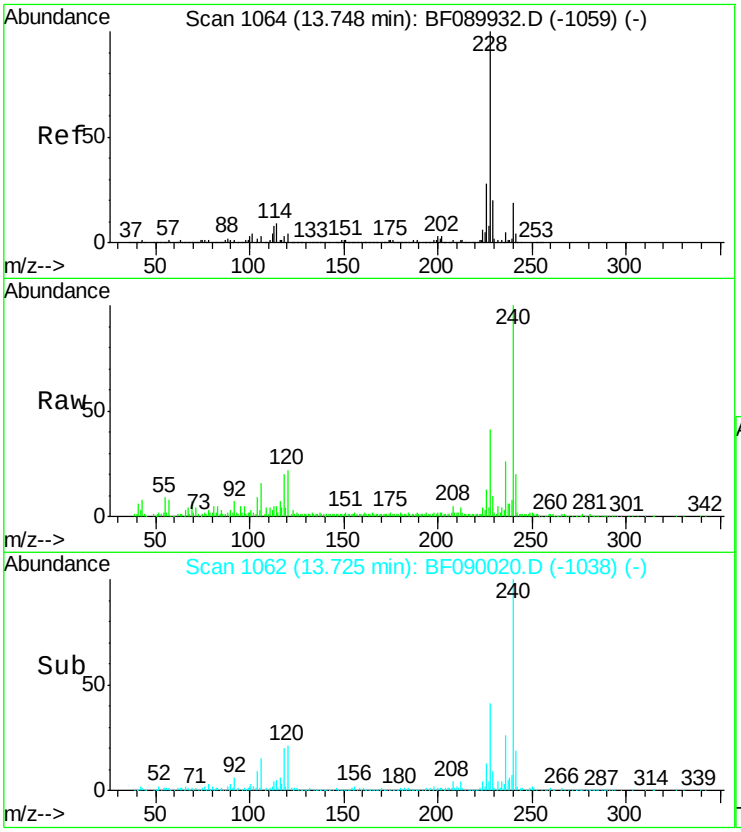


#78
Terphenyl-d14
Concen: 67.82 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:244 Resp: 1233147

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	7.5	9.6	14.4#



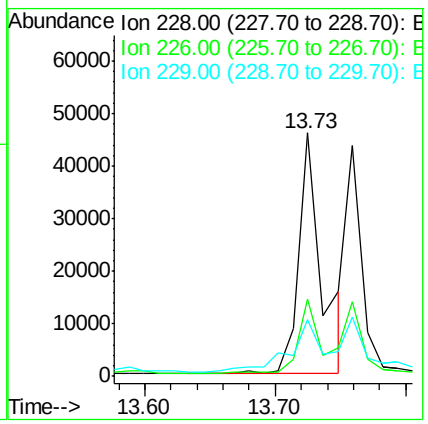


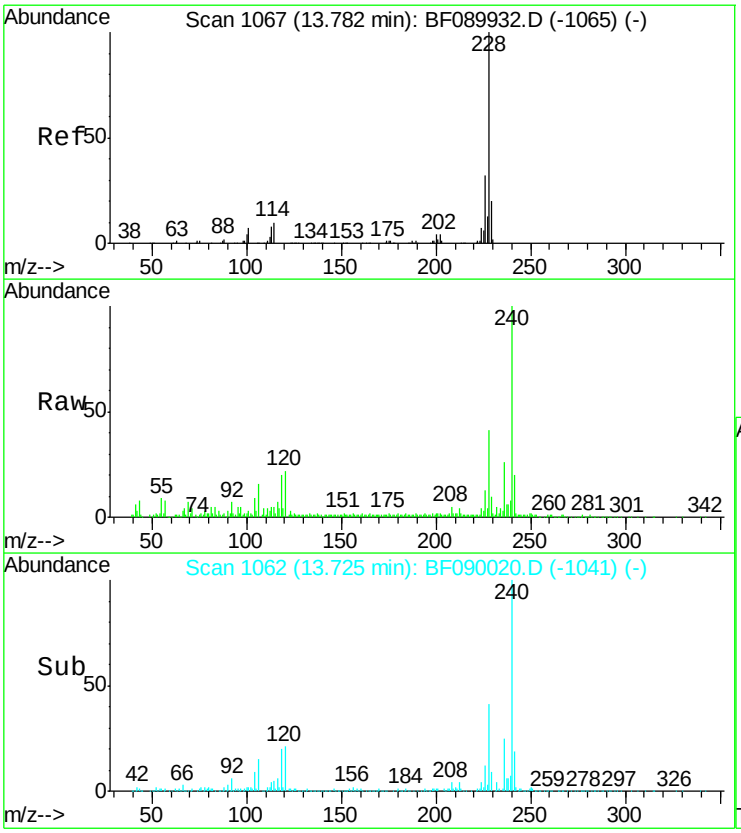
#80
Benzo(a)anthracene
Concen: 2.06 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:228 Resp: 56802

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.2	33.2
229	23.1	15.8	23.6

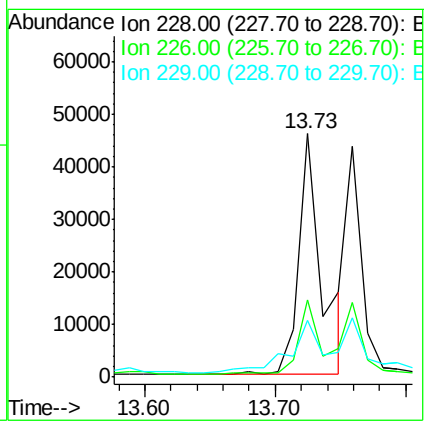


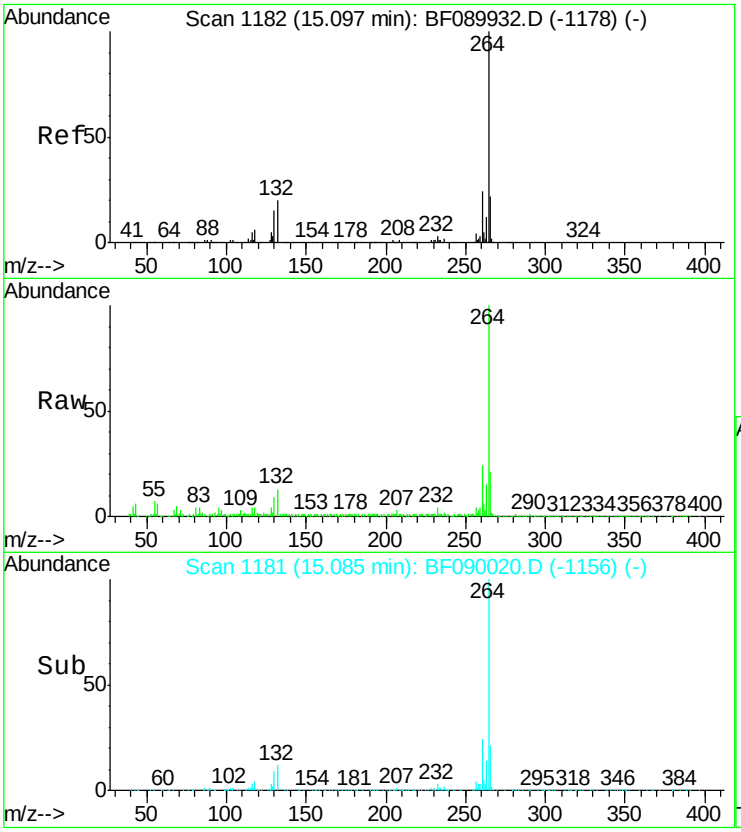


#82
Chrysene
Concen: 2.21 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:228 Resp: 56802

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	23.1	16.2	24.2



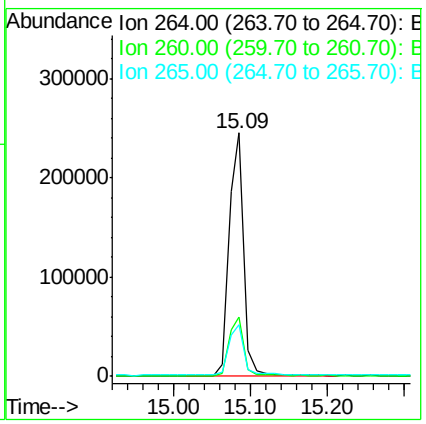


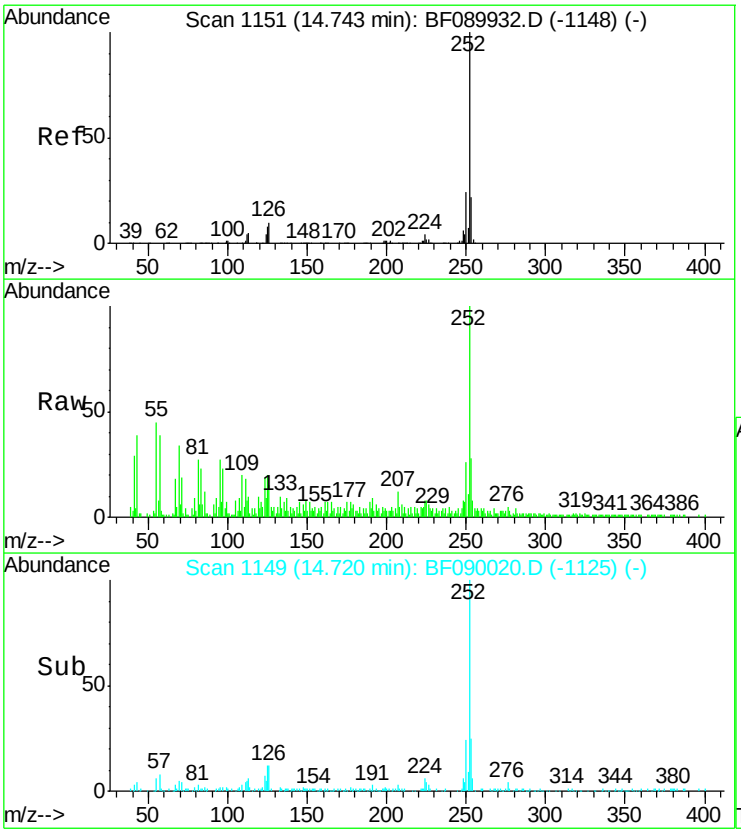
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:264 Resp: 329991

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.1	17.4	26.2

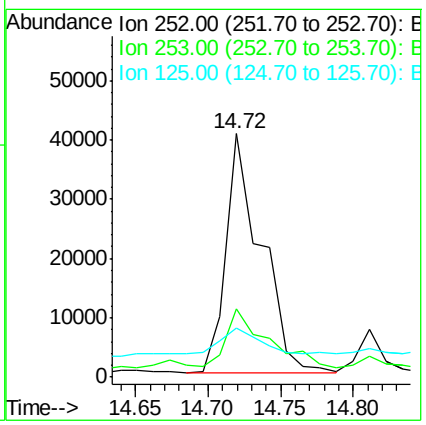


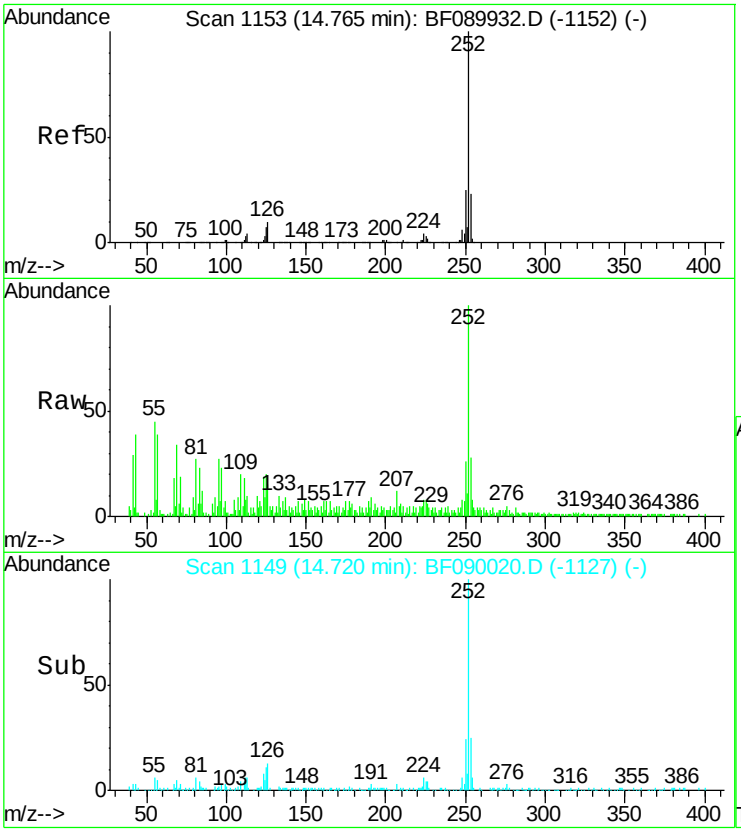


#87
Benzo(b)fluoranthene
Concen: 3.31 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Tgt Ion:252 Resp: 68382

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.0	27.0#
125	20.3	5.7	8.5#





#88
Benzo(k)fluoranthene
Concen: 3.90 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF090020.D
Acq: 7 Sep 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SP-004

Tgt Ion:252 Resp: 68382

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.8	26.8#
125	20.3	7.3	10.9#