Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090014.D
Acq On : 7 Sep 2016 19:36
Operator : UM/SJ
Sample : H4676-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMP-A(0-2)-13

Quant Time: Sep 08 07:16:51 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	199877	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	754074	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	352036	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	583362	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	447779	20.00	ng	-0.02
86) Perylene-d12	15.07	264	333200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1136627	91.02	ng	-0.02
7) Phenol-d6	6.26	99	1477921	97.40	ng	-0.02
23) Nitrobenzene-d5	7.19	82	928740	71.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	330568	95.18	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1592597	74.26	ng	-0.02
78) Terphenyl-d14	12.70	244	1152120	63.56	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	123750	12.52	ng	# 79
25) Isophorone	7.19	82	693750	26.24	ng	# 65
32) Benzoic acid	7.64	122	19487	2.37	ng	97
49) Dimethylphthalate	9.38	163	472281	18.56	ng	98
56) 2,4-Dinitrotoluene	9.64	165	44727	6.23	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	21825	3.72	ng	# 1
87) Benzo(b)fluoranthene	14.72	252	47472	2.27	ng	# 81
88) Benzo(k)fluoranthene	14.72	252	47472	2.68	ng	# 80

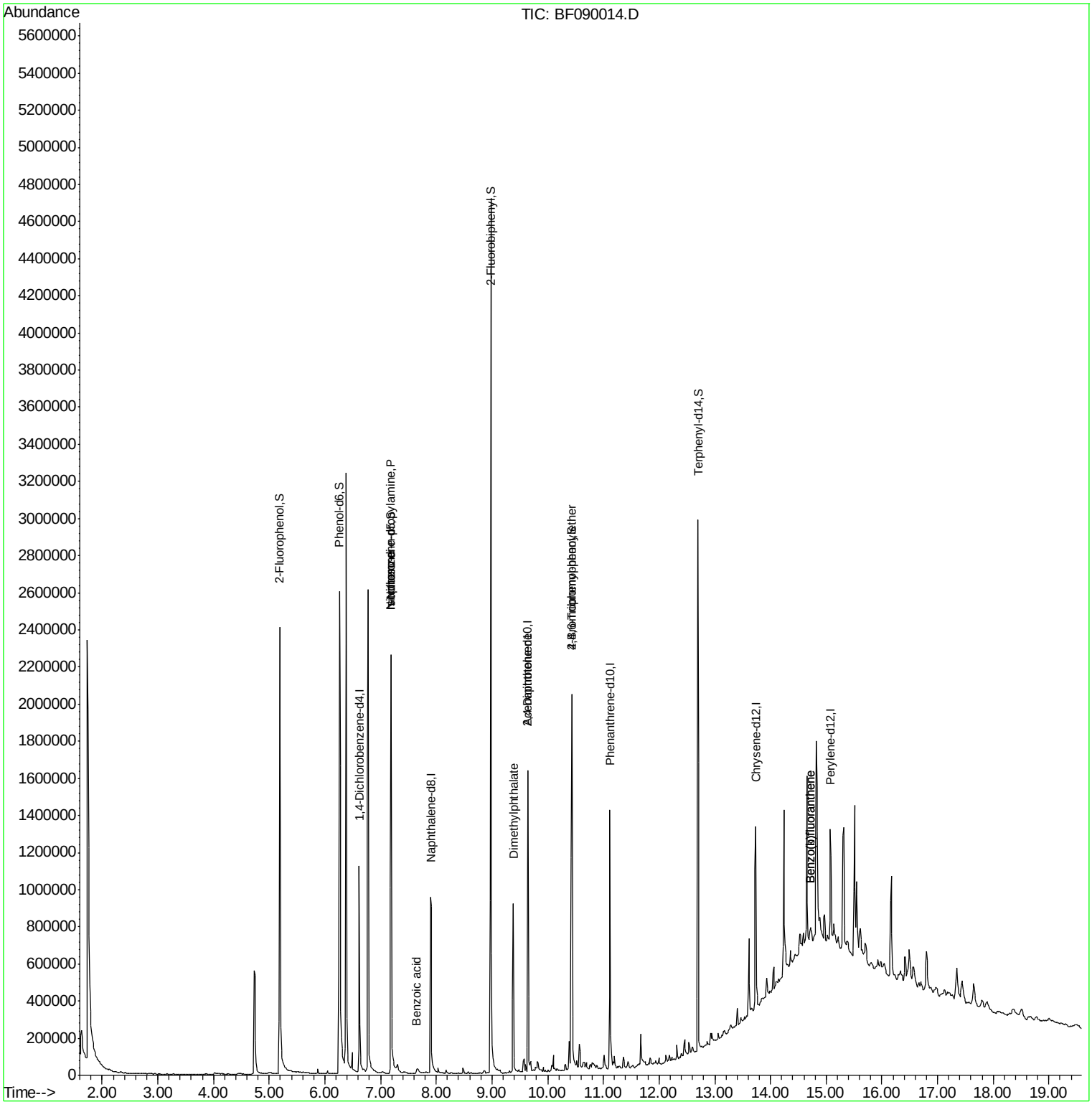
(#) = qualifier out of range (m) = manual integration (+) = signals summed

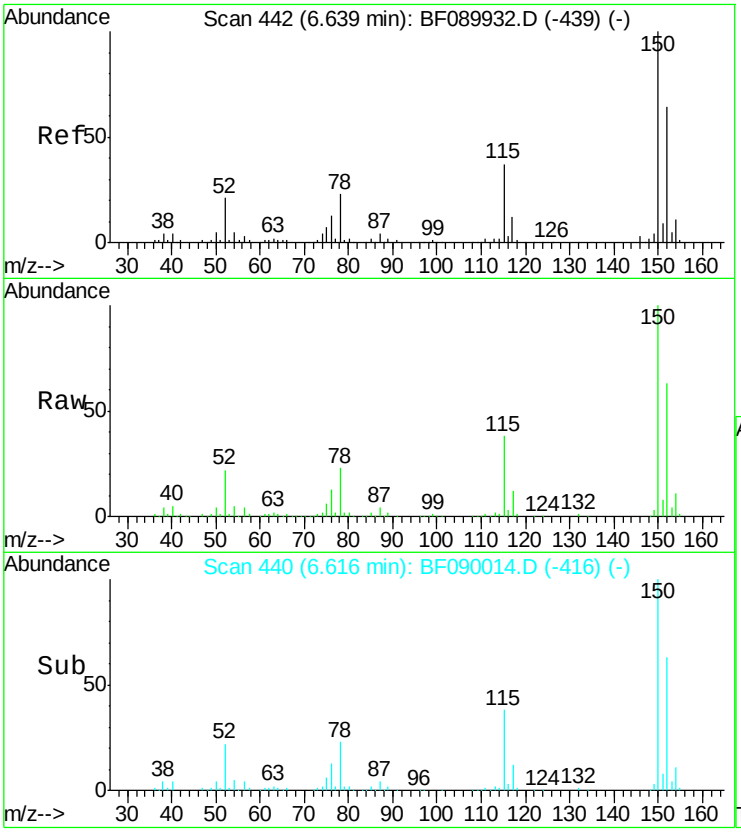
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090014.D
Acq On : 7 Sep 2016 19:36
Operator : UM/SJ
Sample : H4676-25
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Quant Time: Sep 08 07:16:51 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



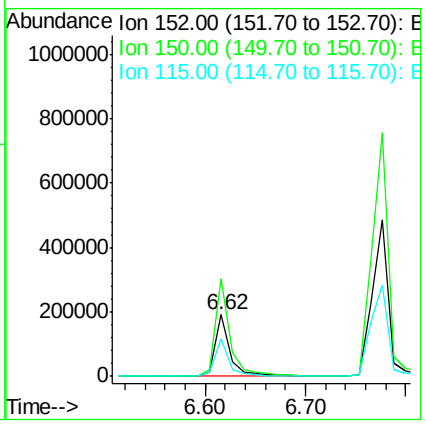


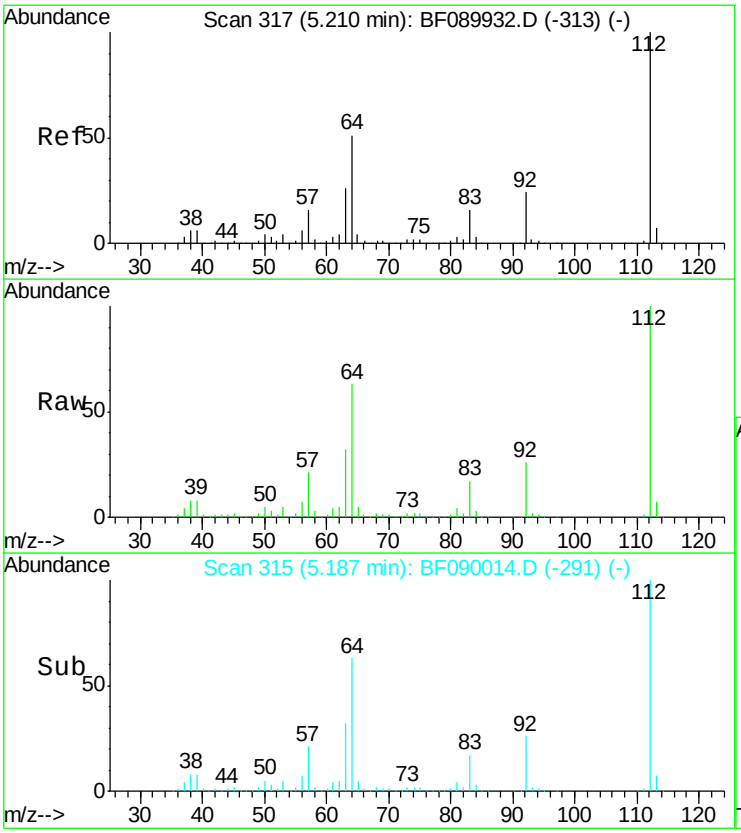
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:152 Resp: 199877

Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.4	191.2
115	60.6	46.3	69.5

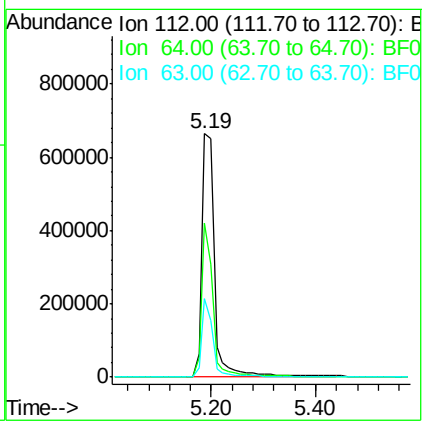


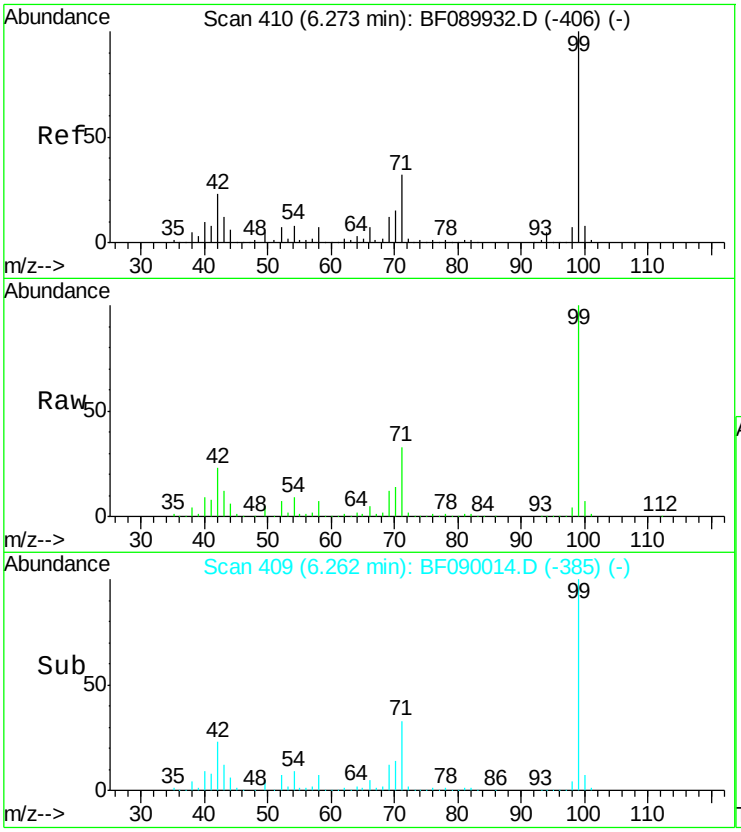


#5
2-Fluorophenol
Concen: 91.02 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:112 Resp: 1136627

Ion	Ratio	Lower	Upper
112	100		
64	63.3	41.1	61.7#
63	32.3	21.2	31.8#



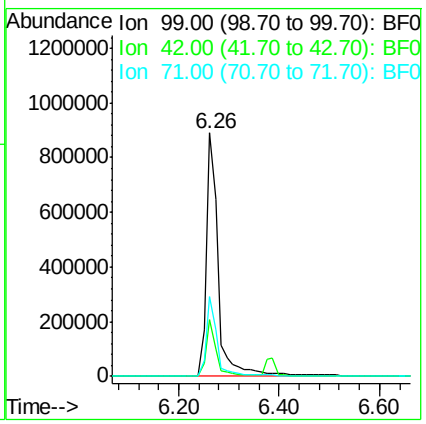


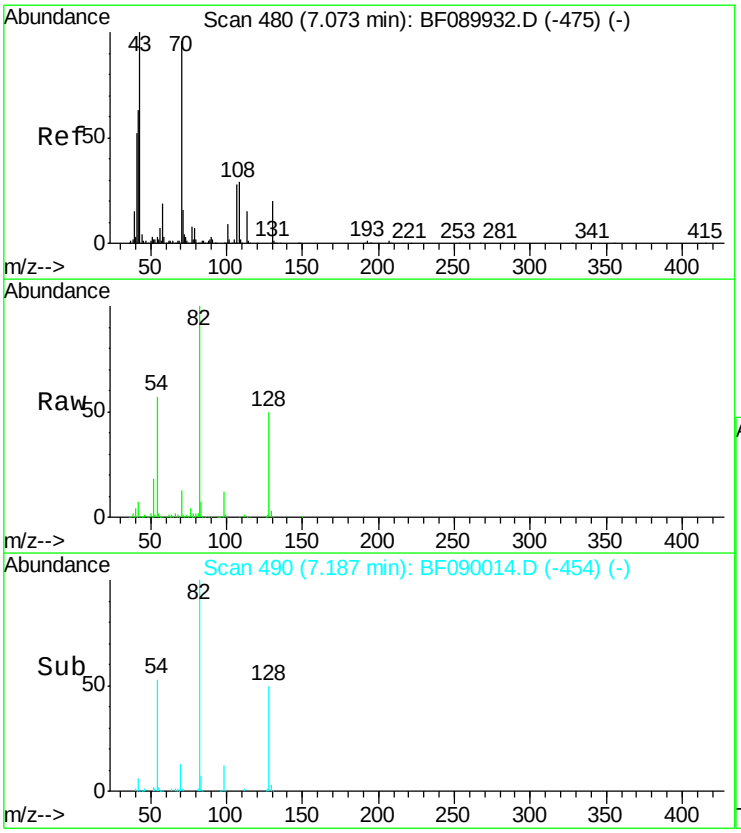
#7
Phenol-d6
Concen: 97.40 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion: 99 Resp: 1477921

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.6	27.8
71	32.7	25.8	38.6

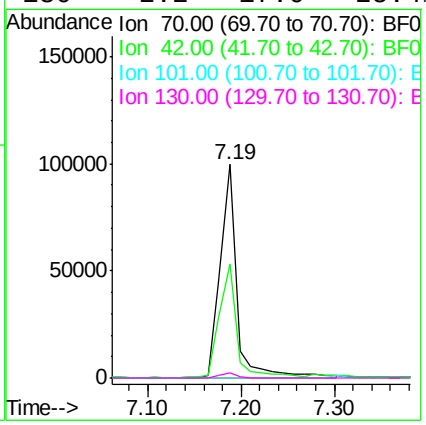


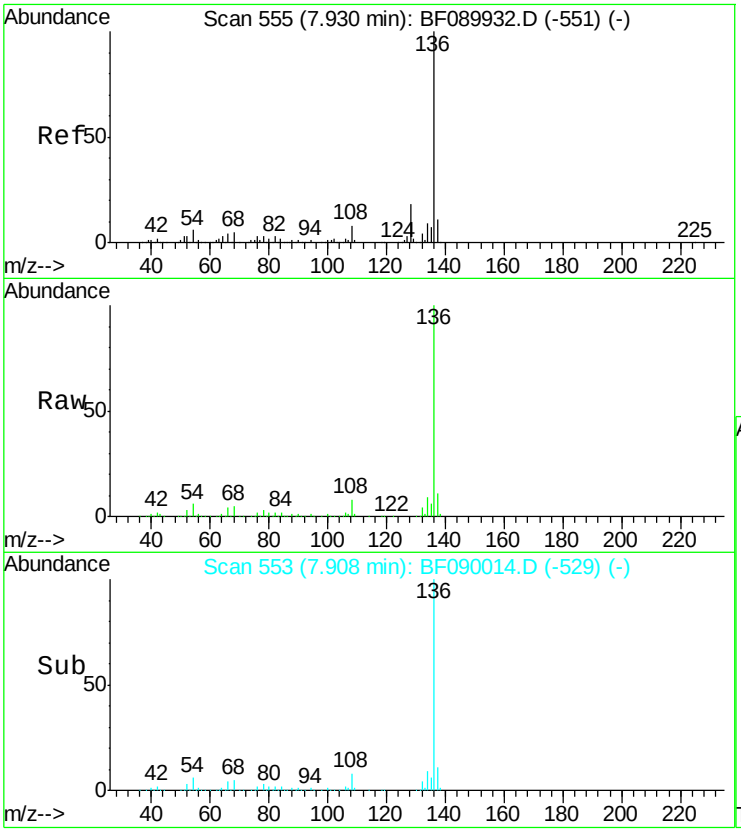


#19
n-Nitroso-di-n-propylamine
Concen: 12.52 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion: 70 Resp: 123750

Ion	Ratio	Lower	Upper
70	100		
42	53.6	52.1	78.1
101	0.0	7.4	11.2#
130	2.2	17.0	25.4#



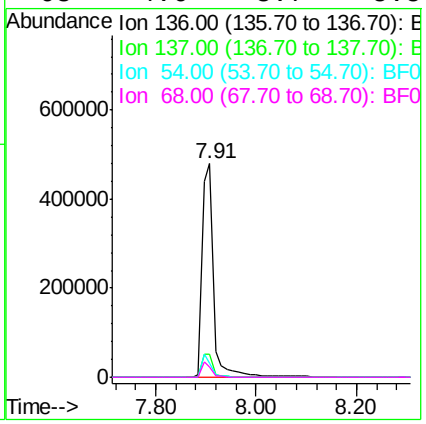


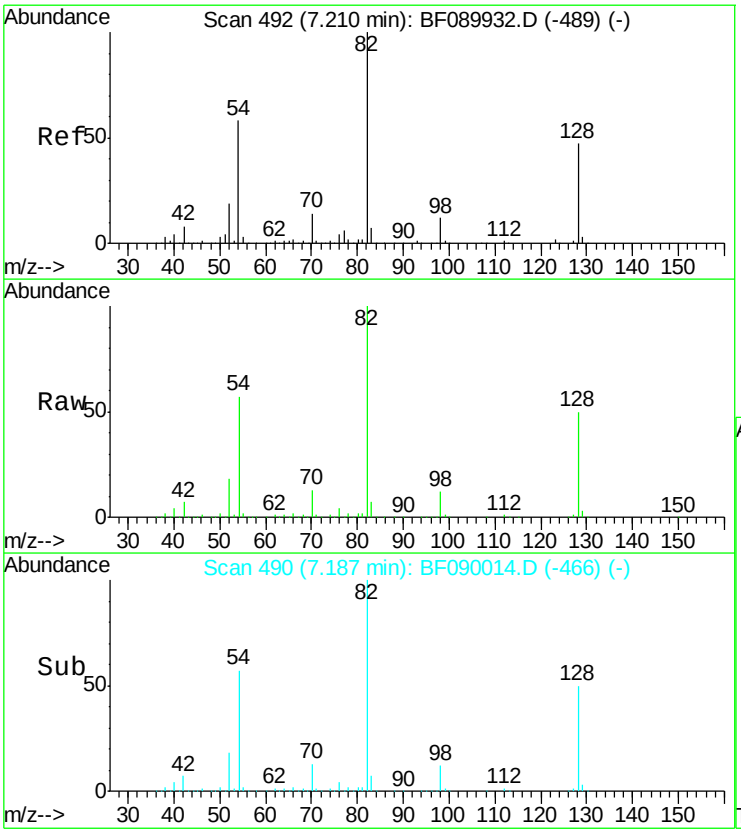
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:136 Resp: 754074

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	6.4	4.8	7.2
68	4.6	3.7	5.5

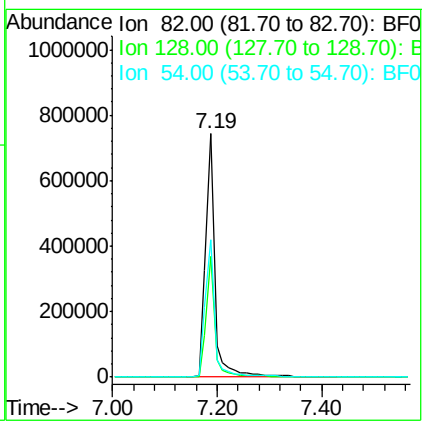


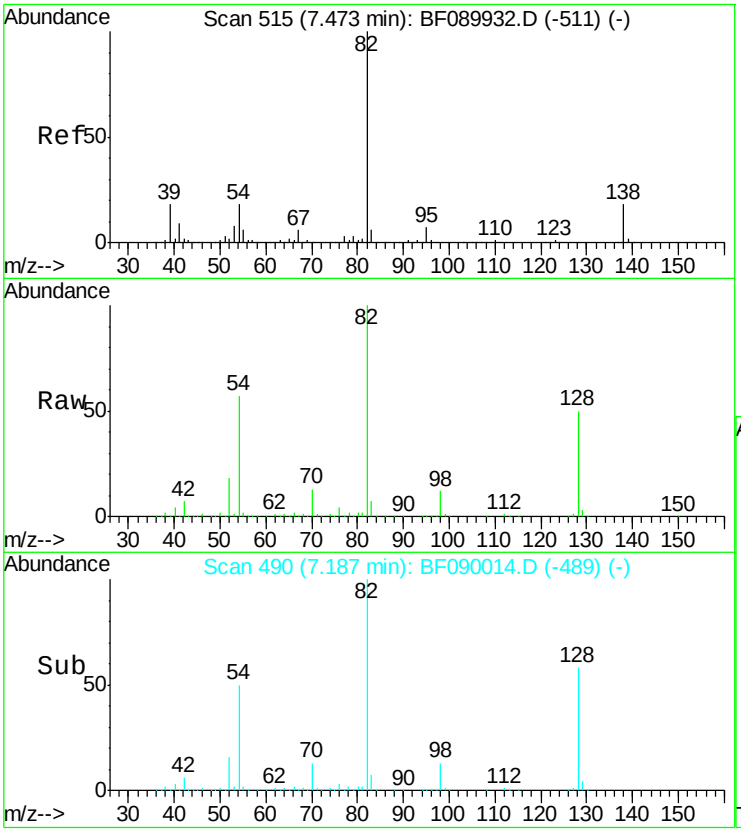


#23
Nitrobenzene-d5
Concen: 71.43 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion: 82 Resp: 928740

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.8	56.8
54	56.6	46.9	70.3



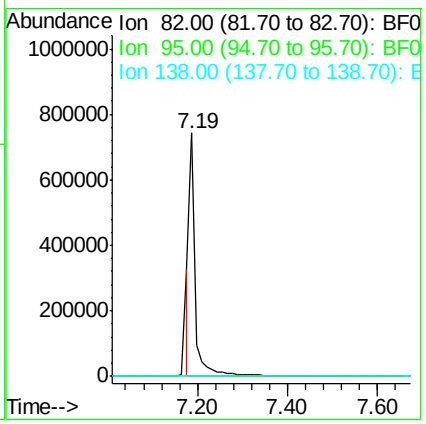


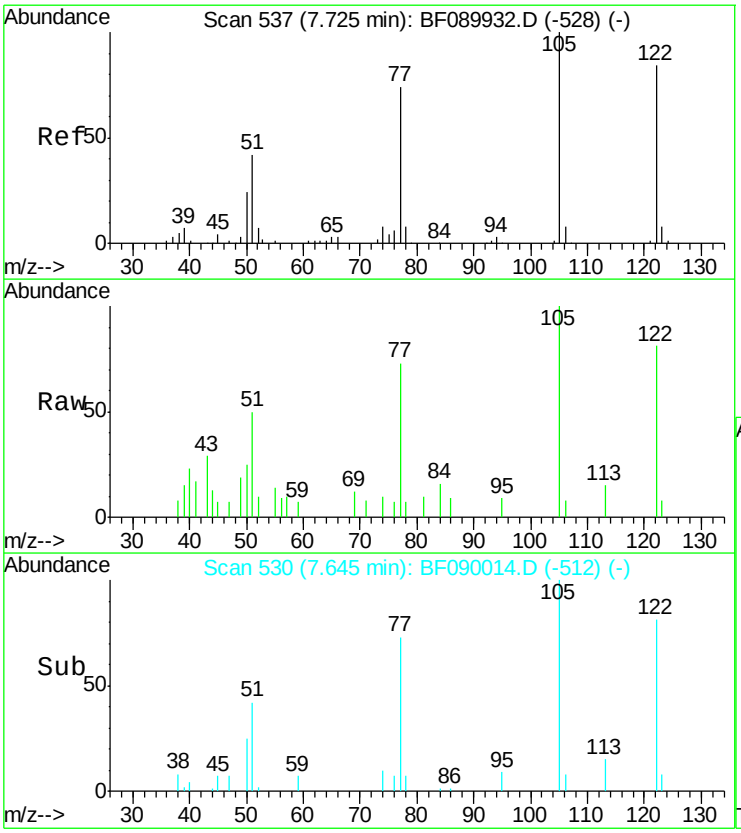
#25
Isophorone
Concen: 26.24 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.29 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion: 82 Resp: 693750

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

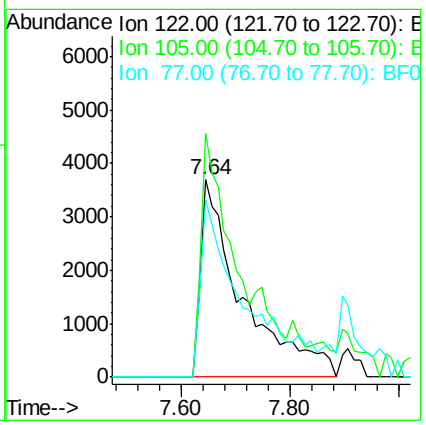


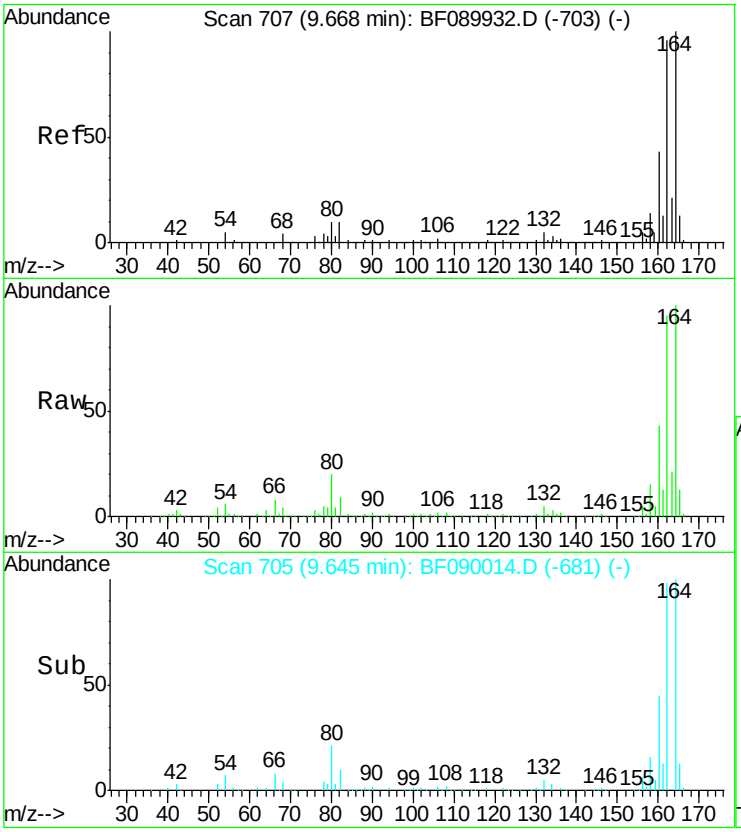


#32
Benzoic acid
Concen: 2.37 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:122 Resp: 19487

Ion	Ratio	Lower	Upper
122	100		
105	123.6	102.2	142.2
77	89.9	74.1	114.1



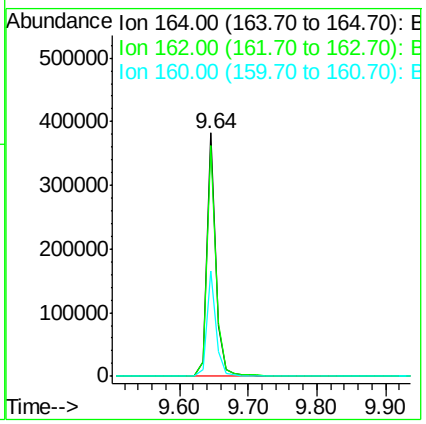


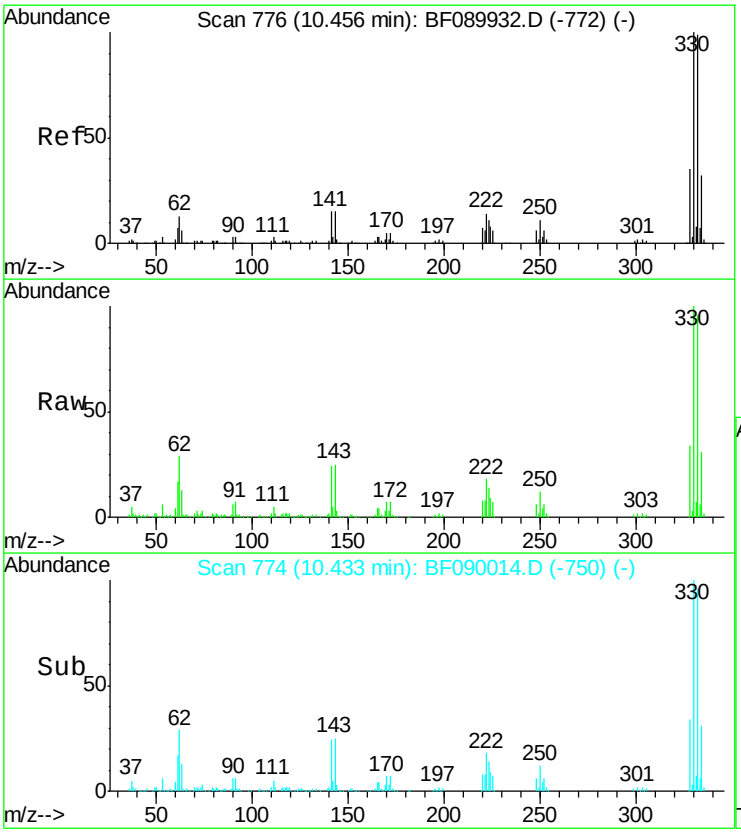
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:164 Resp: 352036

Ion	Ratio	Lower	Upper
164	100		
162	94.8	77.1	115.7
160	43.1	35.3	52.9

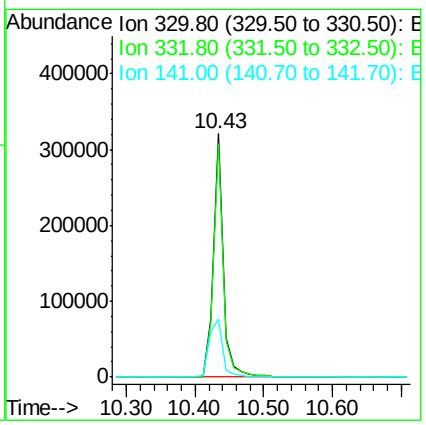


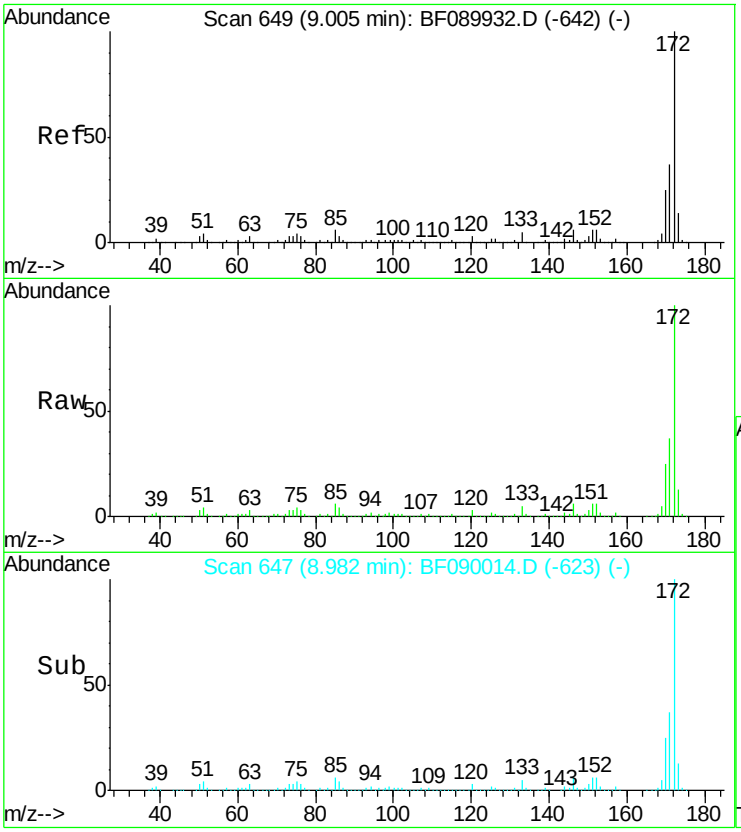


#41
2,4,6-Tribromophenol
Concen: 95.18 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:330 Resp: 330568

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	117.8
141	32.4	23.3	34.9



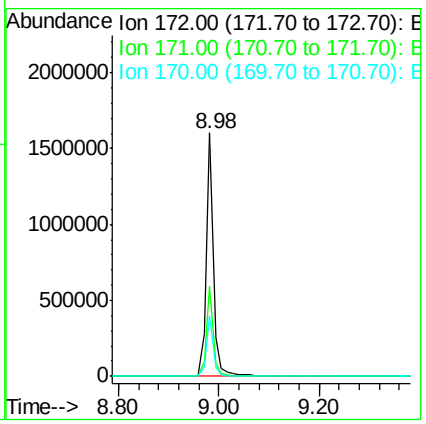


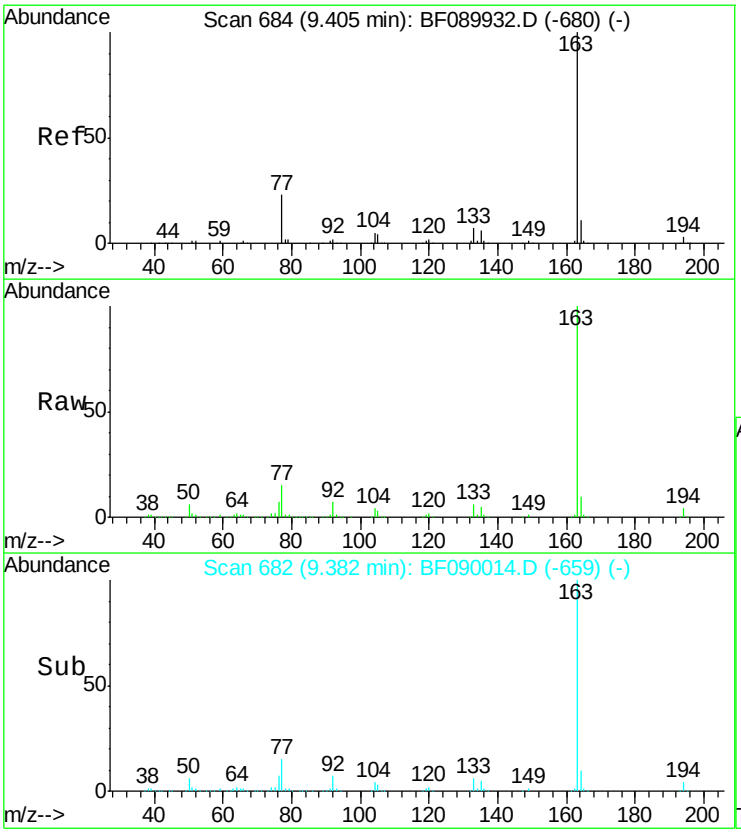
#44
2-Fluorobiphenyl
Concen: 74.26 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:172 Resp: 1592597

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	25.0	20.1	30.1

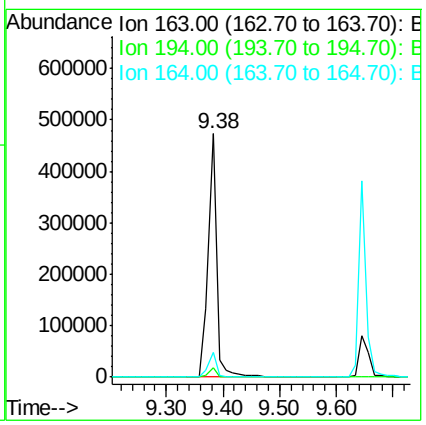


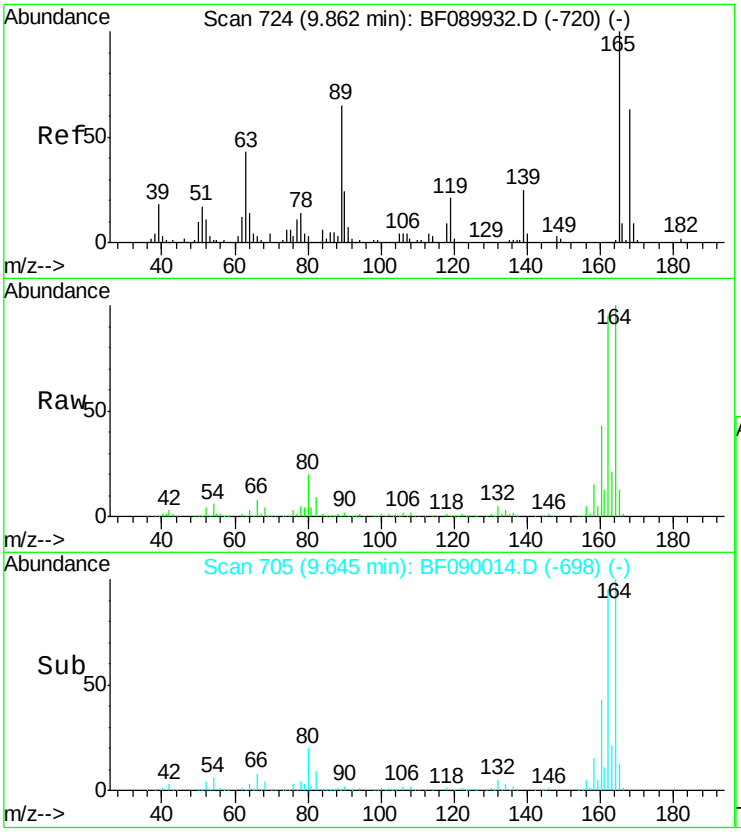


#49
Dimethylphthalate
Concen: 18.56 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:163 Resp: 472281

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	9.0	13.4



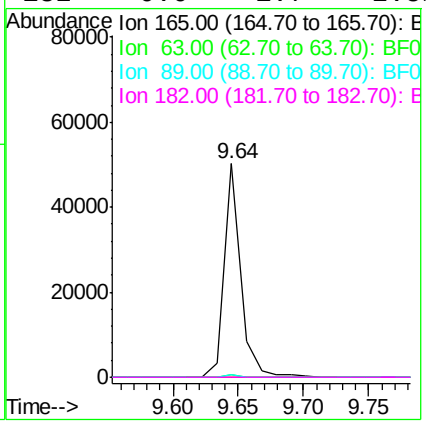


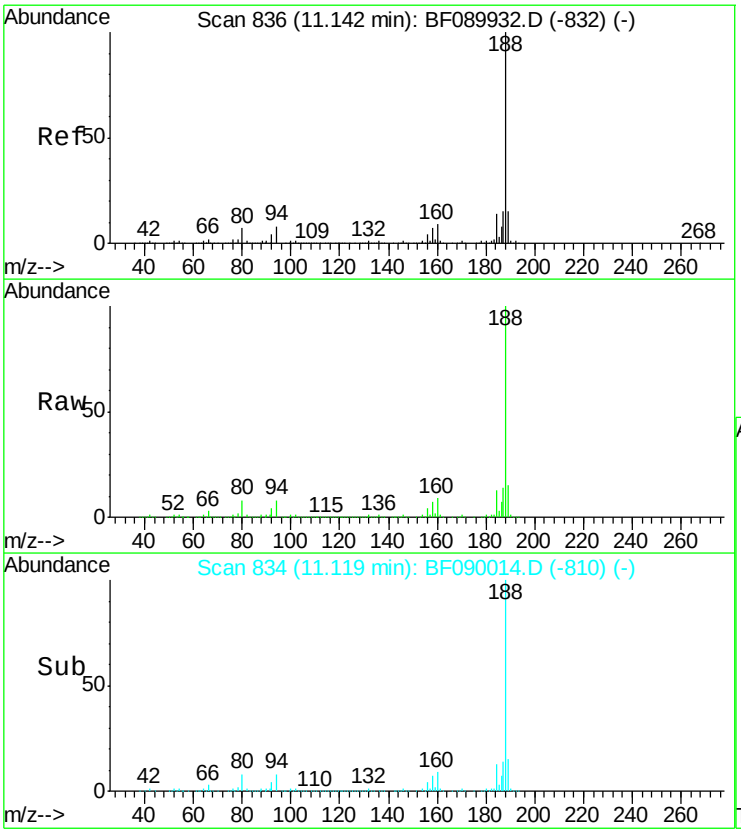
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:165 Resp: 44727

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.2	48.3	72.5#
182	0.0	1.7	2.5#

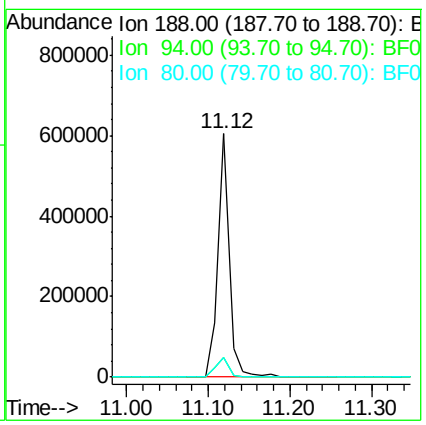


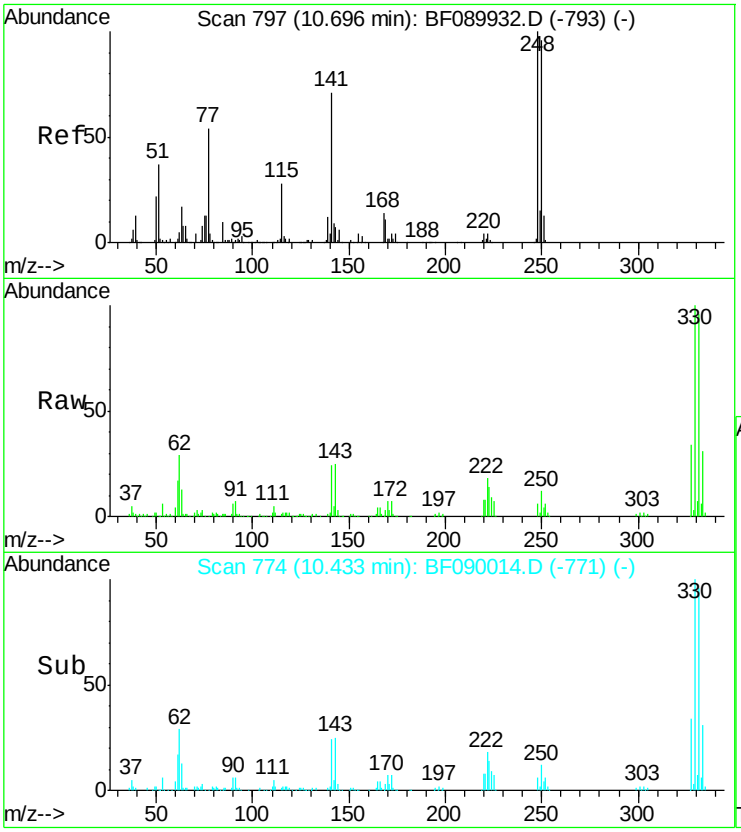


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:188 Resp: 583362

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.9	8.9
80	8.0	5.8	8.8



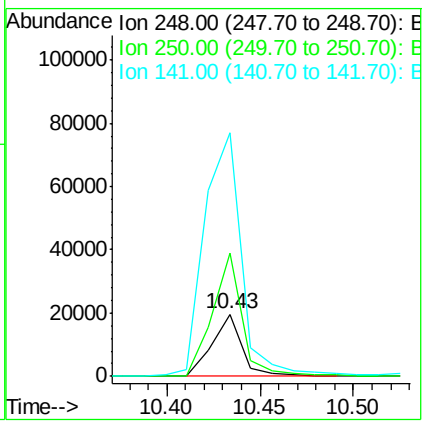


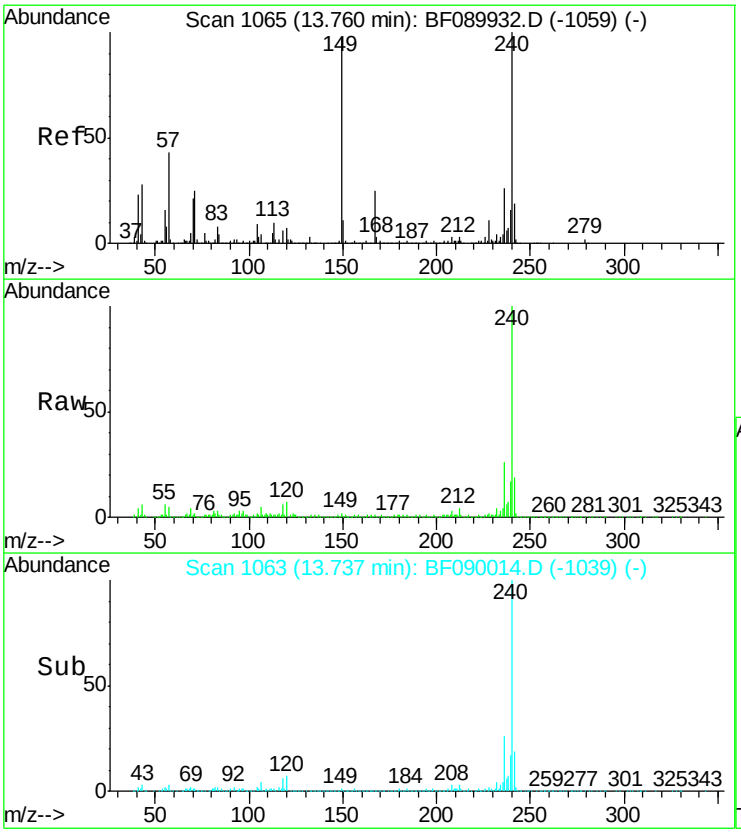
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:248 Resp: 21825

Ion	Ratio	Lower	Upper
248	100		
250	199.0	77.3	115.9#
141	391.2	55.8	83.8#

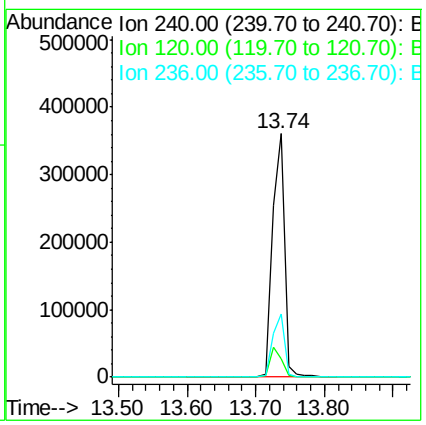


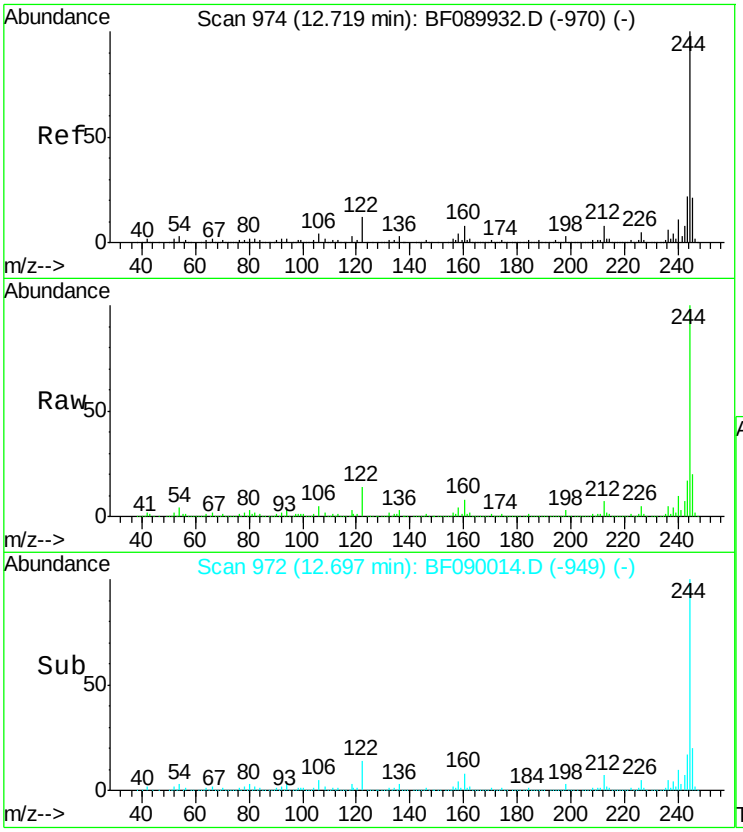


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:240 Resp: 447779

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.7	8.5
236	26.1	21.3	31.9



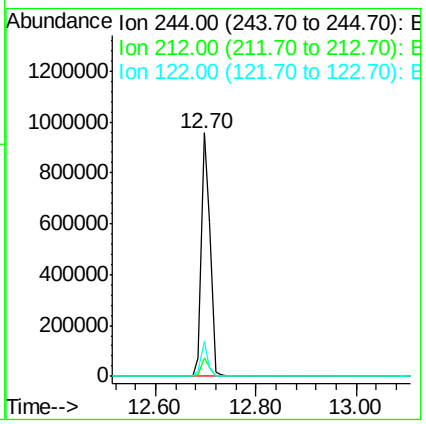


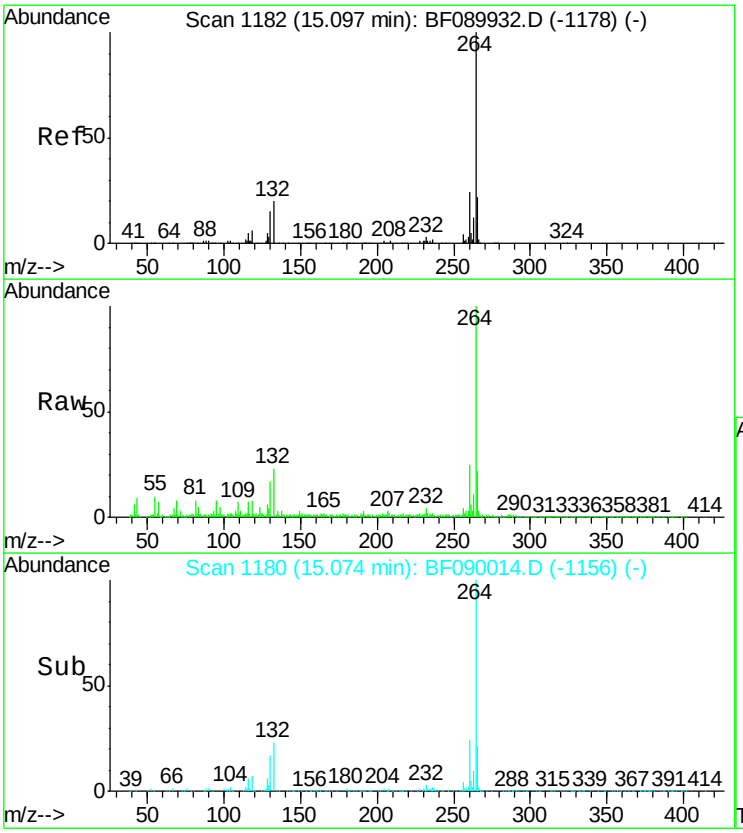
#78
Terphenyl-d14
Concen: 63.56 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:244 Resp: 1152120

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.1	9.6	14.4

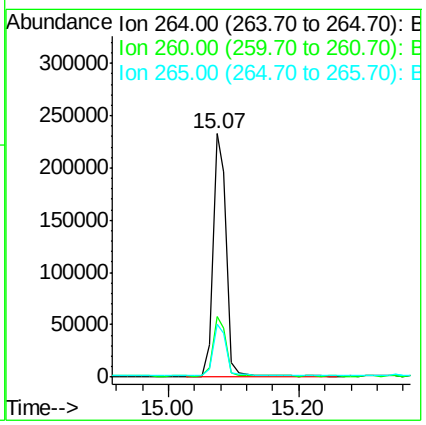


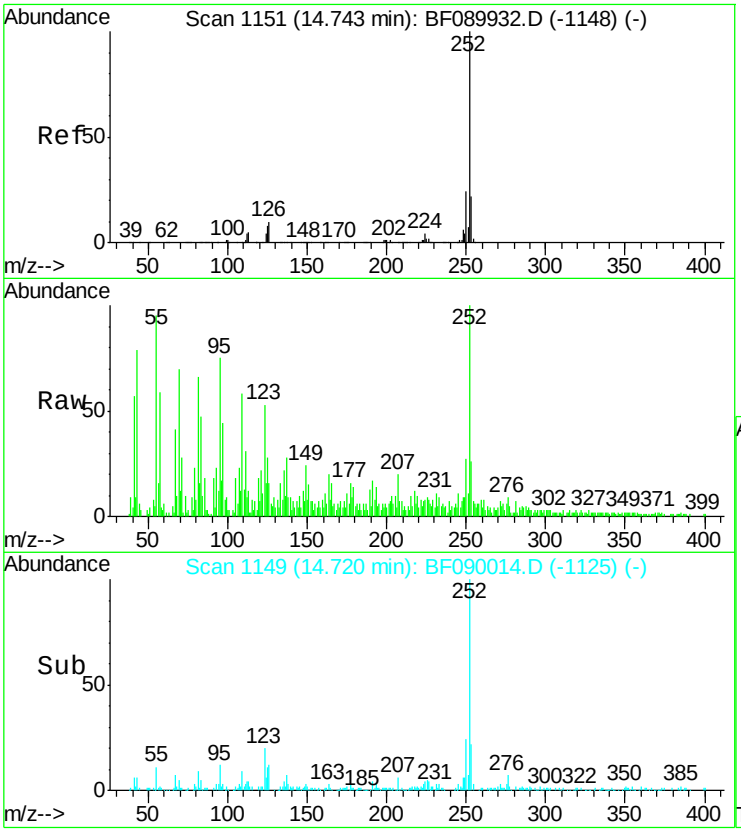


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:264 Resp: 333200

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	21.9	17.4	26.2



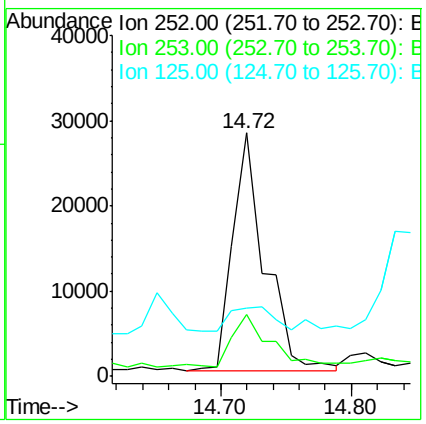


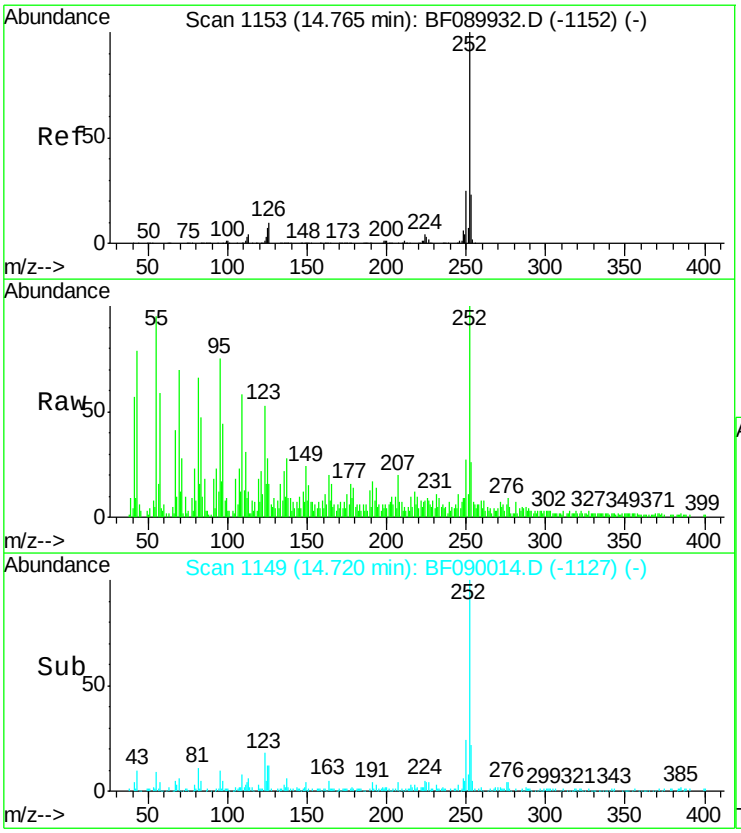
#87
Benzo(b)fluoranthene
Concen: 2.27 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:252 Resp: 47472

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	28.2	5.7	8.5#





#88
Benzo(k)fluoranthene
Concen: 2.68 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:252 Resp: 47472

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.8
125	28.2	7.3	10.9#