Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
Data File : BF087359.D
Acq On : 25 May 2016 3:04
Operator : UM/SJ
Sample : H3211-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1320-(0-4)

Quant Time: May 25 05:18:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	113216	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	456087	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	214696	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	445359	20.00	ng	0.00
75) Chrysene-d12	18.50	240	346102	20.00	ng	-0.01
86) Perylene-d12	20.18	264	127331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	917333	142.37	ng	0.02
7) Phenol-d6	7.11	99	1238555	142.26	ng	0.00
23) Nitrobenzene-d5	8.47	82	812047	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	317853	154.06	ng	-0.01
44) 2-Fluorobiphenyl	11.36	172	1389397	91.23	ng	-0.02
78) Terphenyl-d14	17.17	244	1395975	85.75	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.79	79	14371	2.26	ng	# 44
19) n-Nitroso-di-n-propylamine	8.47	70	108795	16.76	ng	# 73
31) Naphthalene	9.62	128	199361	8.72	ng	100
33) 4-Chloroaniline	9.62	127	25349	3.01	ng	# 35
50) 2,6-Dinitrotoluene	12.41	165	24840	7.17	ng	# 21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
Data File : BF087359.D
Acq On : 25 May 2016 3:04
Operator : UM/SJ
Sample : H3211-22
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
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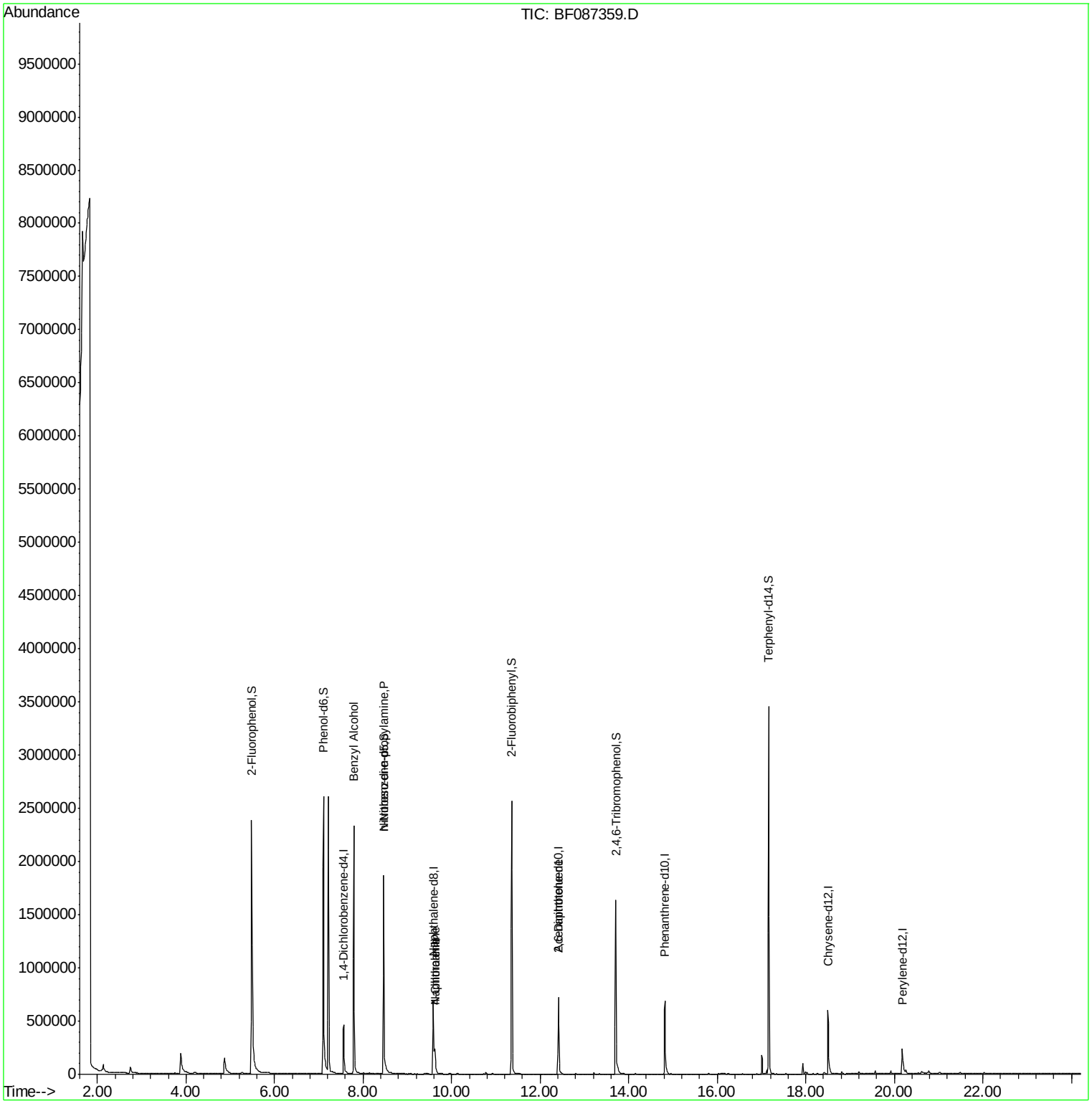
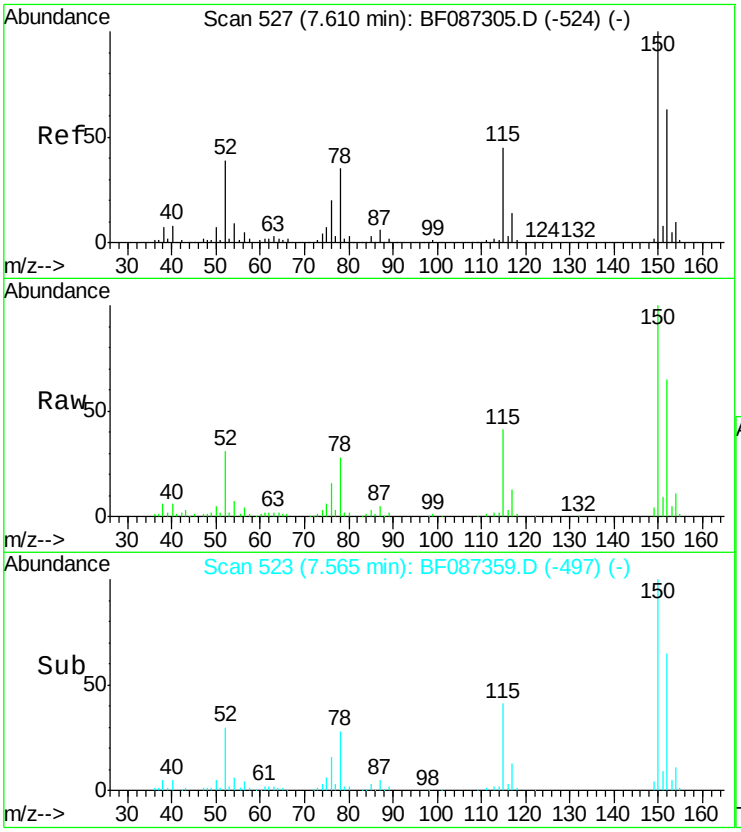


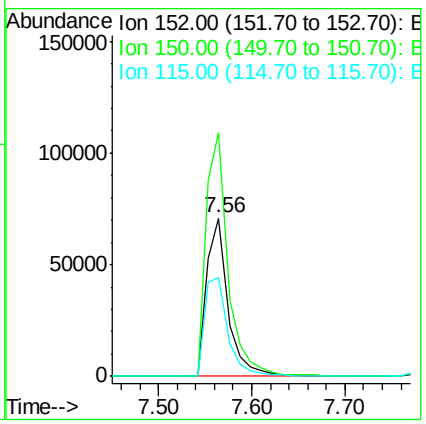


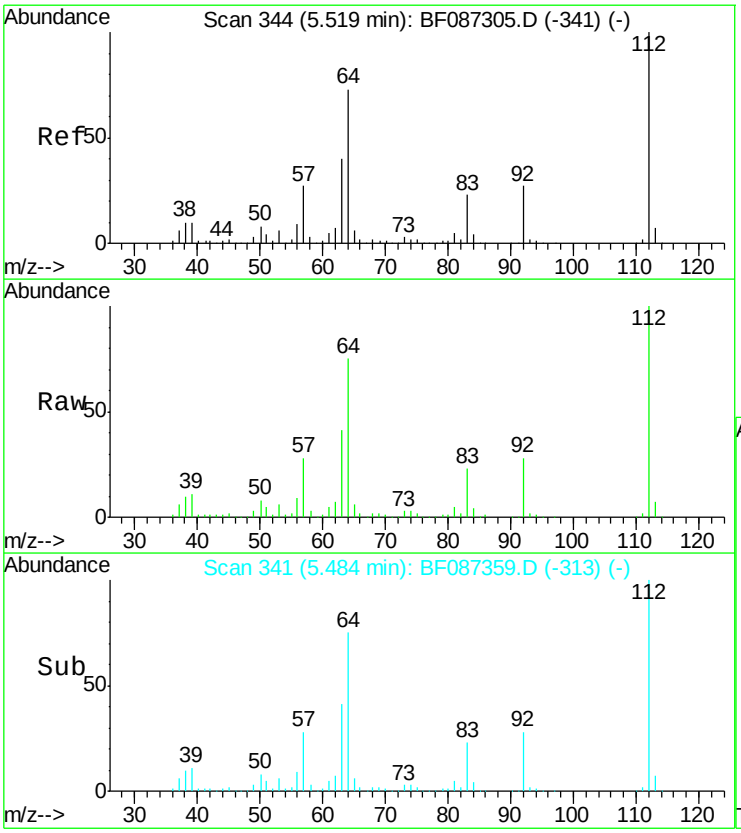
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:152 Resp: 113216

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.8	188.6
115	63.0	51.5	77.3

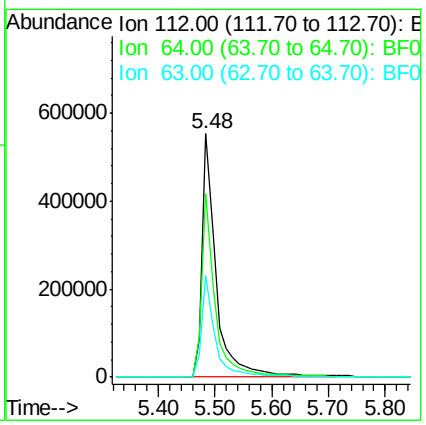


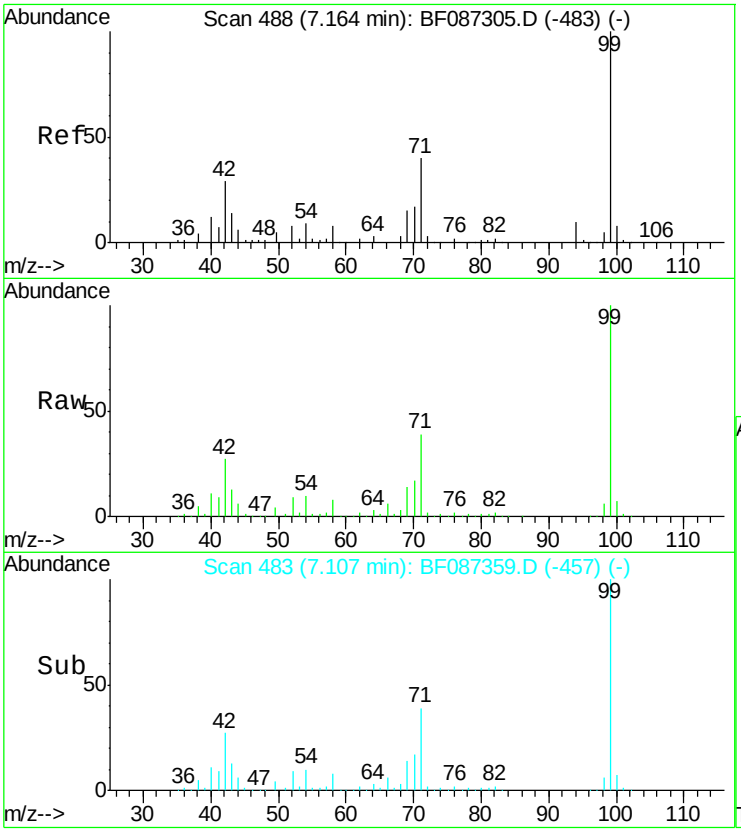


#5
2-Fluorophenol
Concen: 142.37 ng
RT: 5.48 min Scan# 341
Delta R.T. 0.02 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:112 Resp: 917333

Ion	Ratio	Lower	Upper
112	100		
64	75.5	52.1	78.1
63	41.5	25.7	38.5#



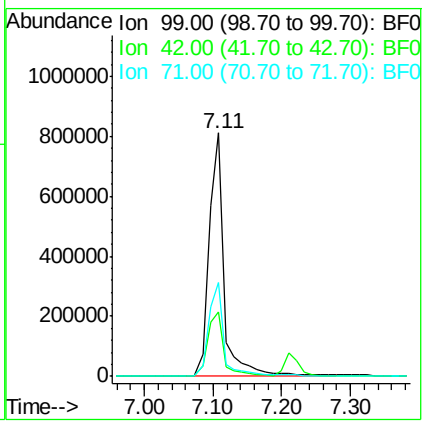


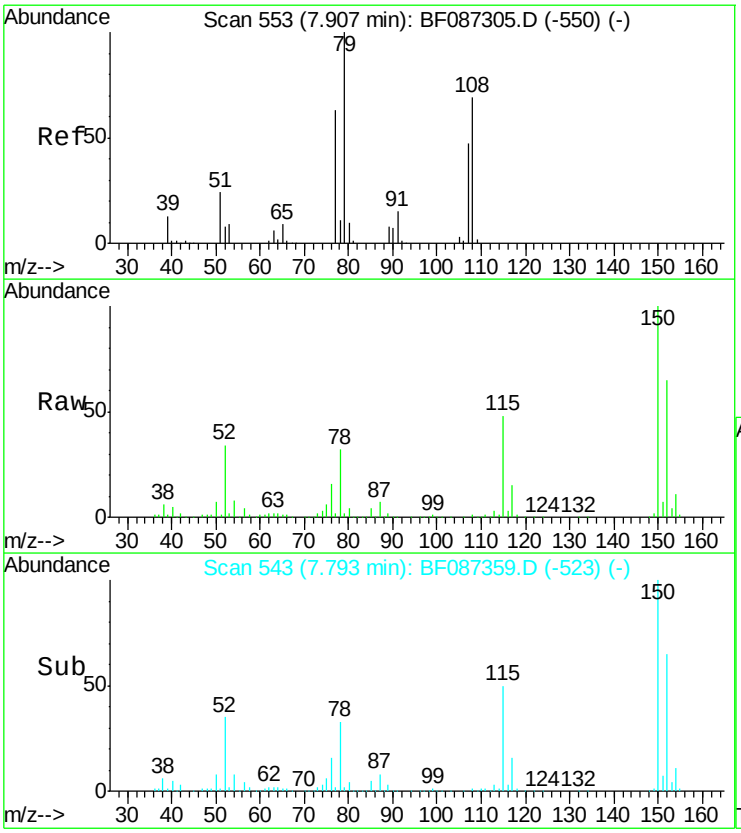
#7
Phenol-d6
Concen: 142.26 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion: 99 Resp: 1238555

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.6	20.4#
71	38.5	24.6	36.8#

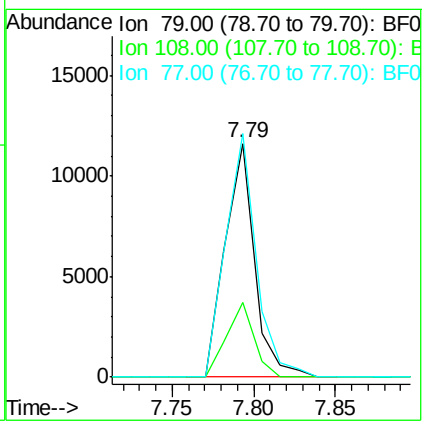


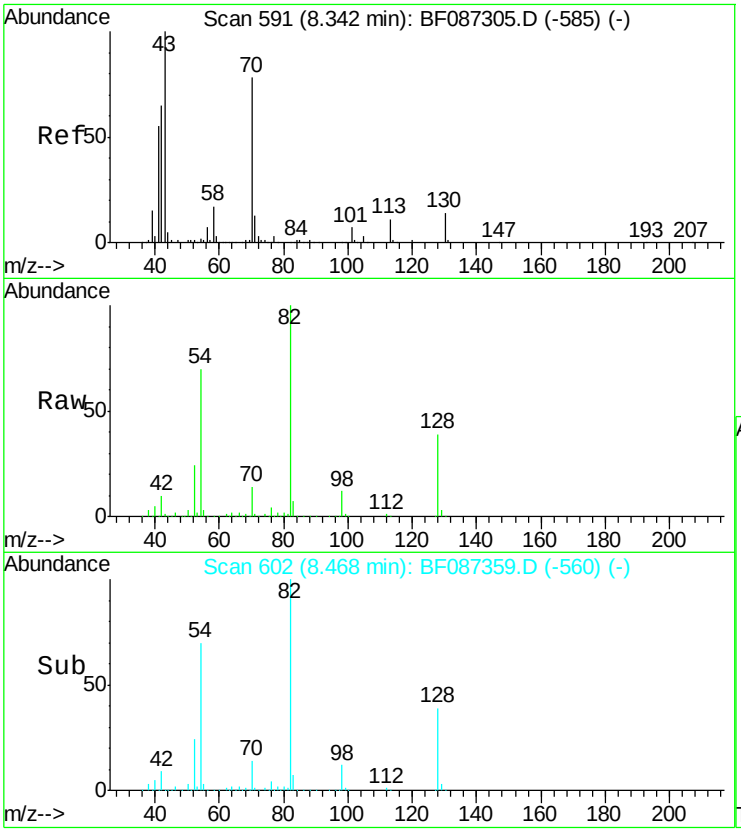


#15
Benzyl Alcohol
Concen: 2.26 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion: 79 Resp: 14371

Ion	Ratio	Lower	Upper
79	100		
108	31.9	68.4	102.6#
77	104.2	50.6	76.0#



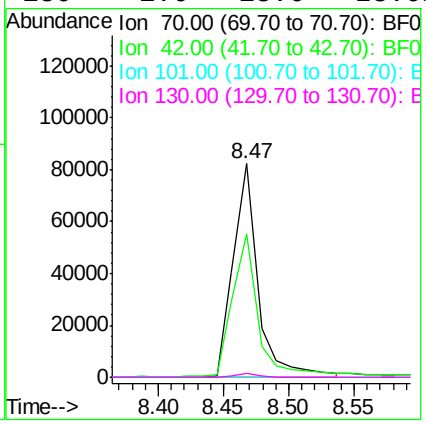


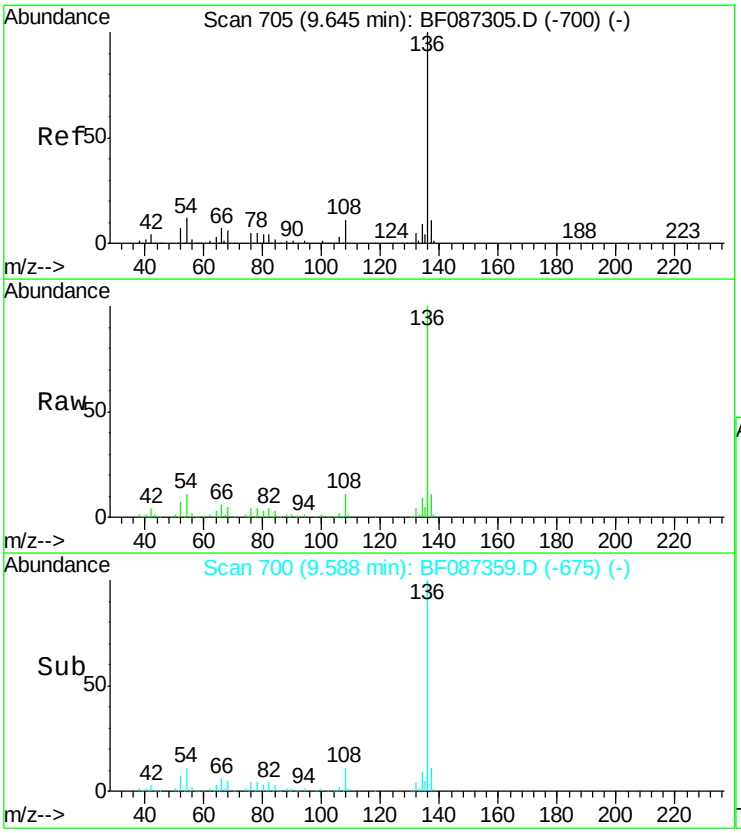
#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.18 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion: 70 Resp: 108795

Ion	Ratio	Lower	Upper
70	100		
42	67.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

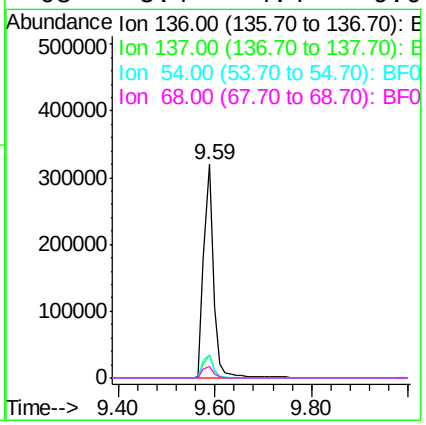


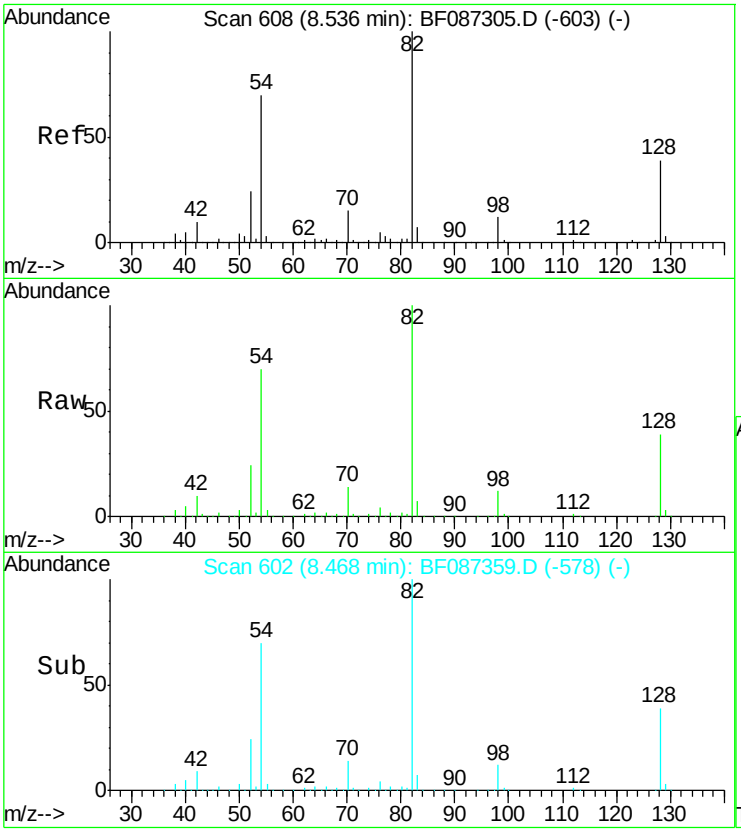


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:136 Resp: 456087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.9	5.0	7.4#
68	5.4	4.4	6.6



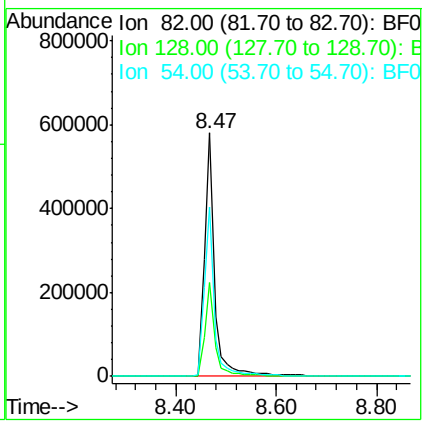


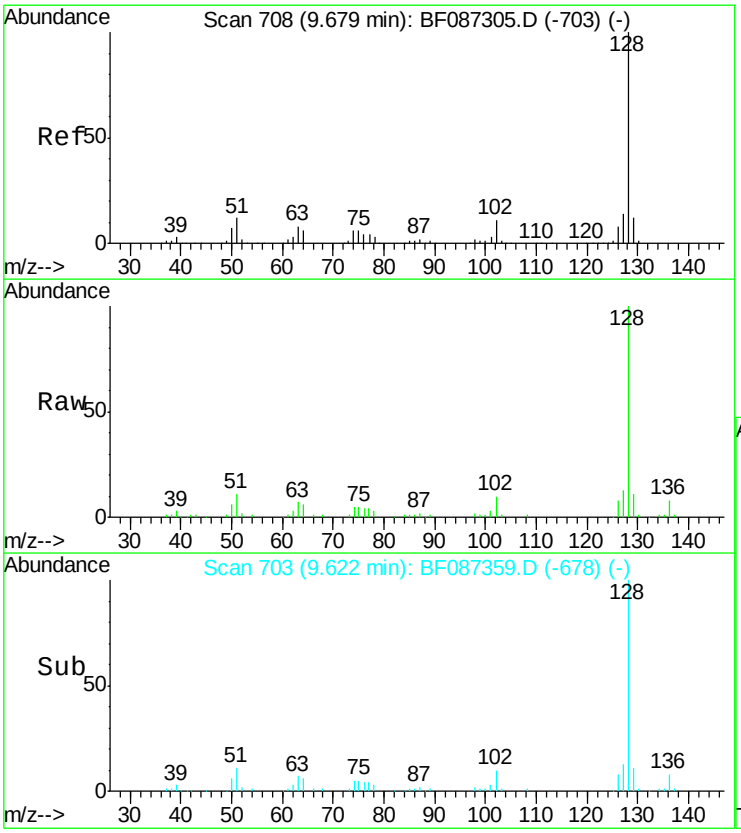
#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion: 82 Resp: 812047

Ion	Ratio	Lower	Upper
82	100		
128	38.5	40.6	61.0#
54	69.6	38.1	57.1#

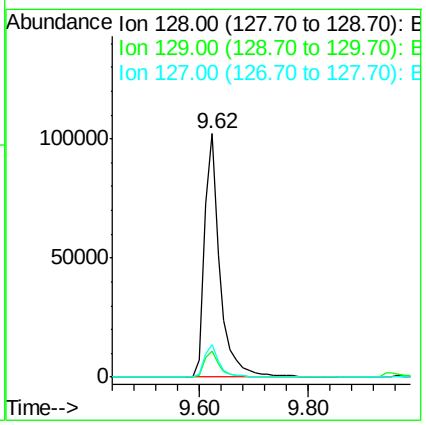


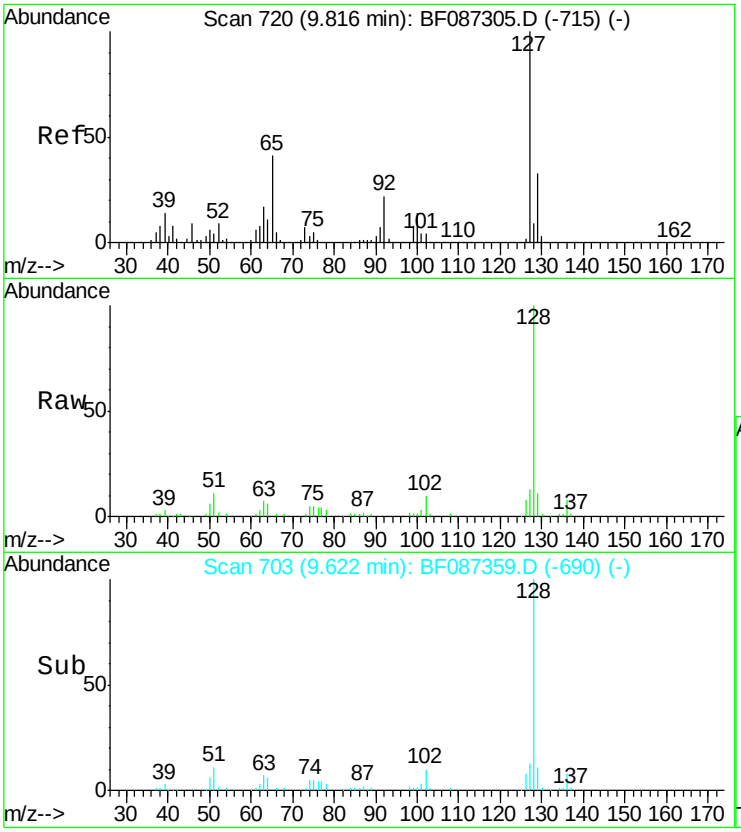


#31
Naphthalene
Concen: 8.72 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:128 Resp: 199361

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.8	16.2



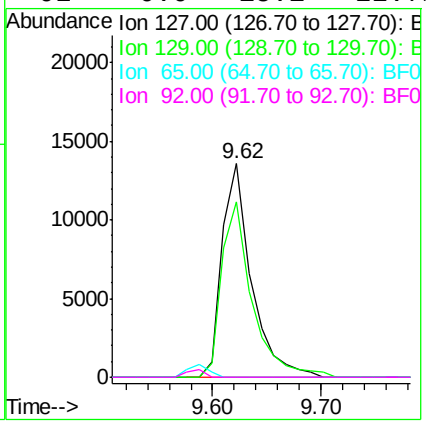


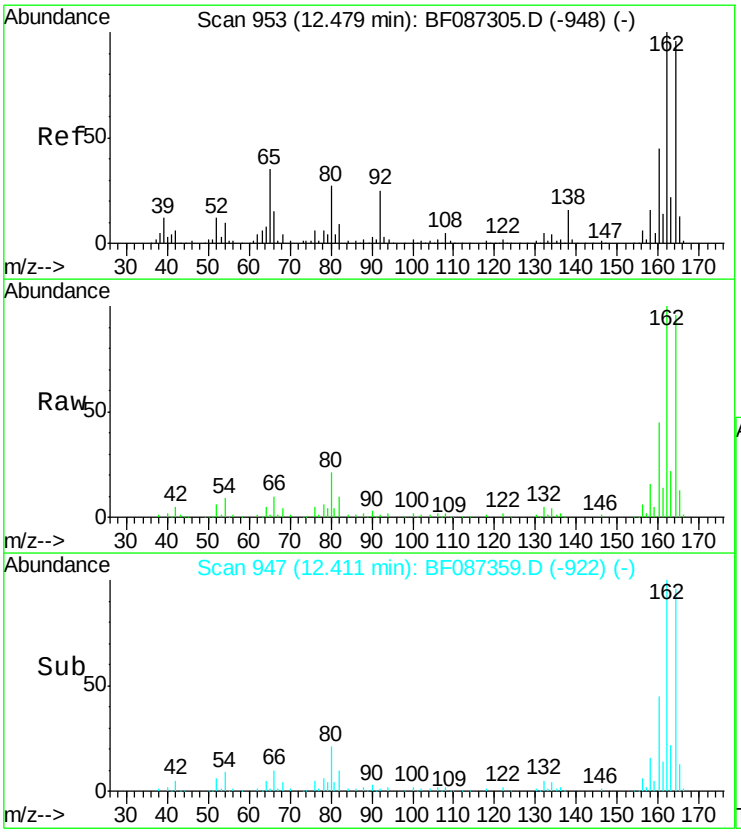
#33
4-Chloroaniline
Concen: 3.01 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.15 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:127 Resp: 25349

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

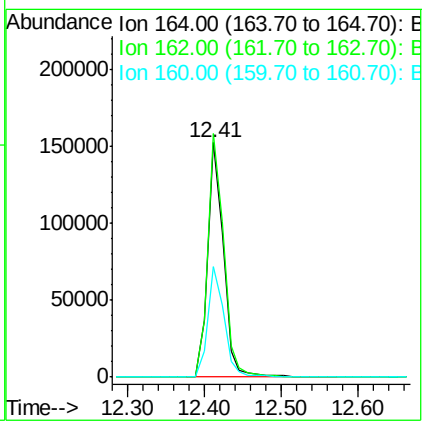


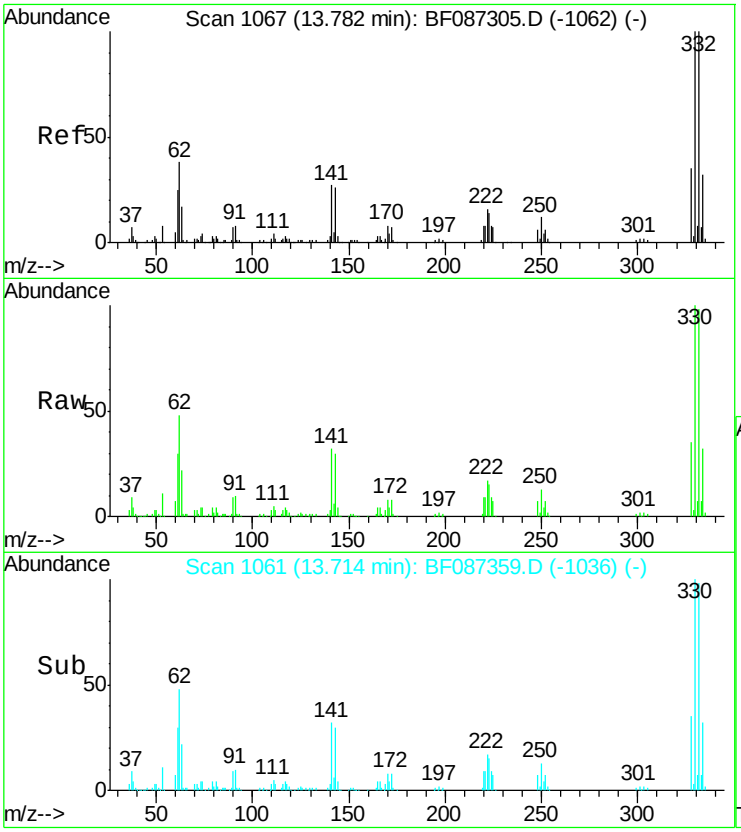


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:164 Resp: 214696

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.8	124.2
160	47.1	36.9	55.3



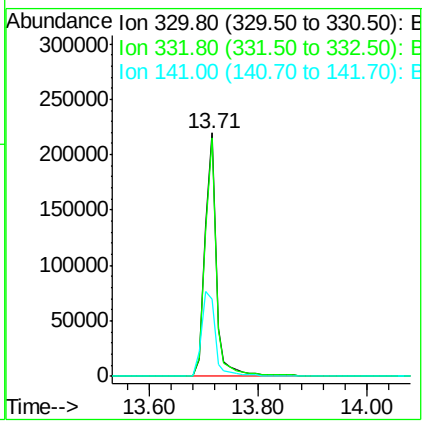


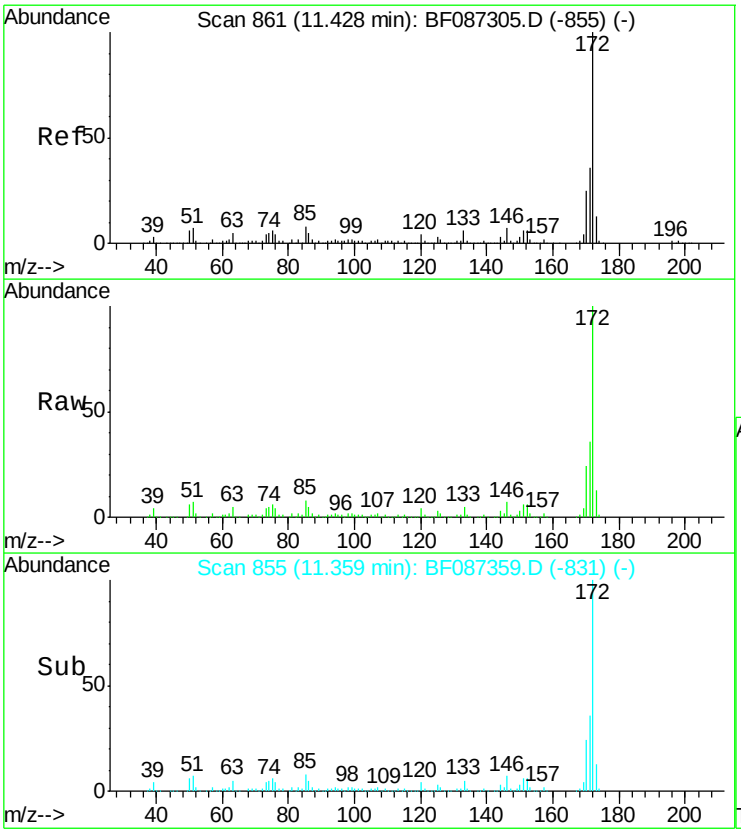
#41
2,4,6-Tribromophenol
Concen: 154.06 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:330 Resp: 317853

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.0	118.4
141	42.9	31.2	46.8

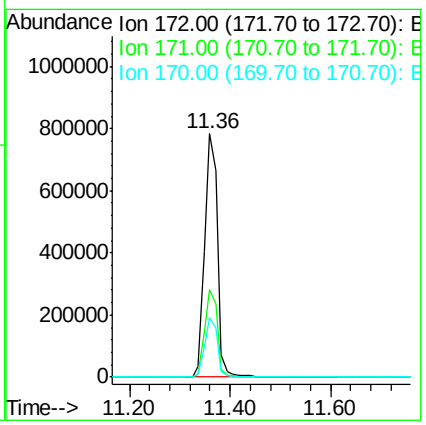


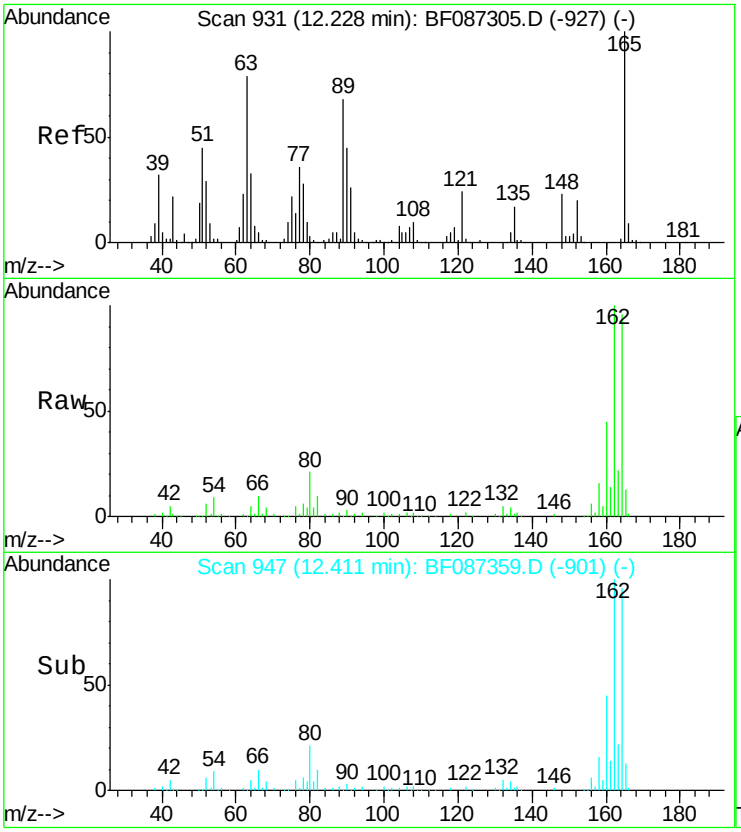


#44
2-Fluorobiphenyl
Concen: 91.23 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:172 Resp: 1389397

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.8	29.8



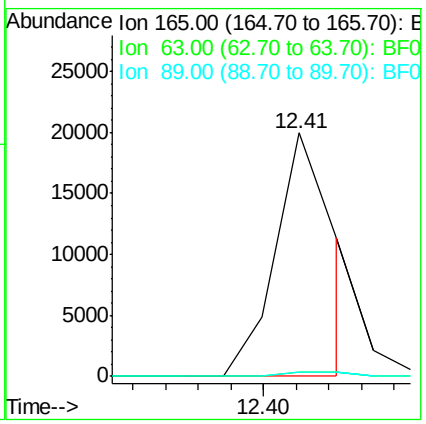


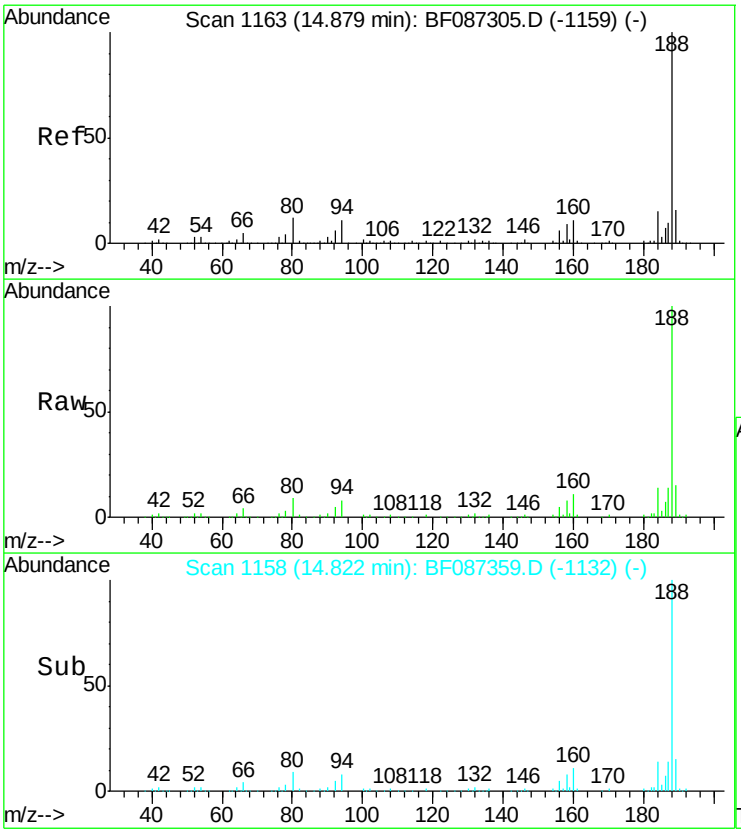
#50
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 12.41 min Scan# 947
Delta R.T. 0.23 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:165 Resp: 24840

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.0	50.7	76.1#

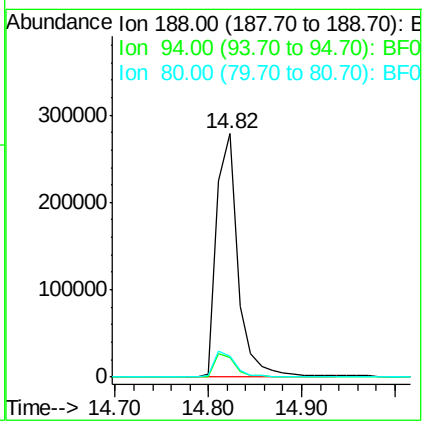


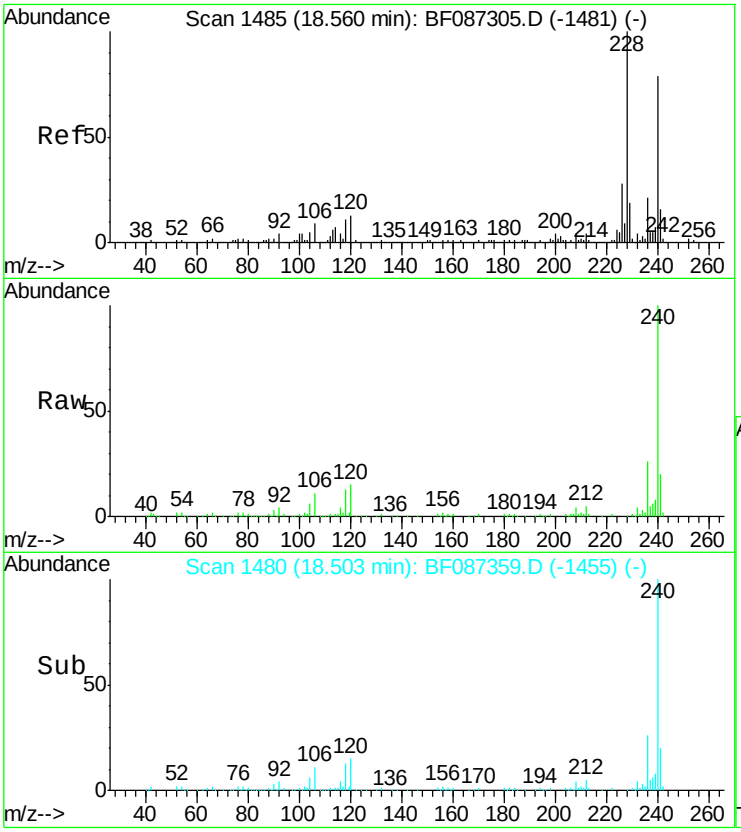


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:188 Resp: 445359

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.7	7.1	10.7



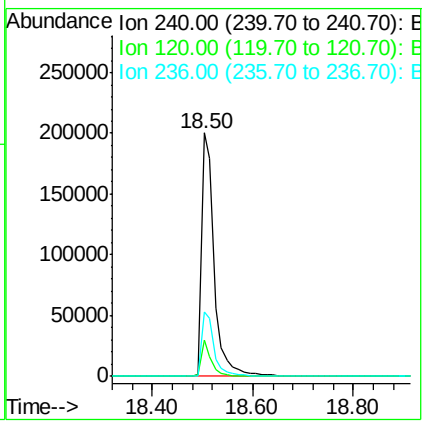


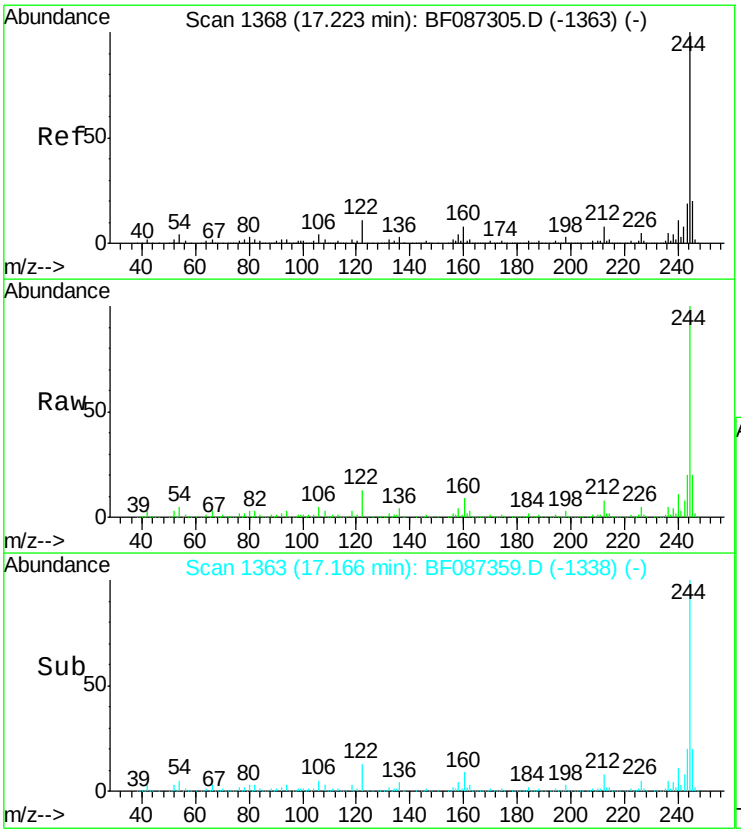
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:240 Resp: 346102

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.4	21.2	31.8

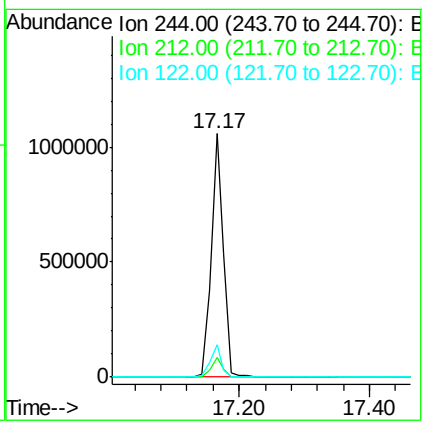


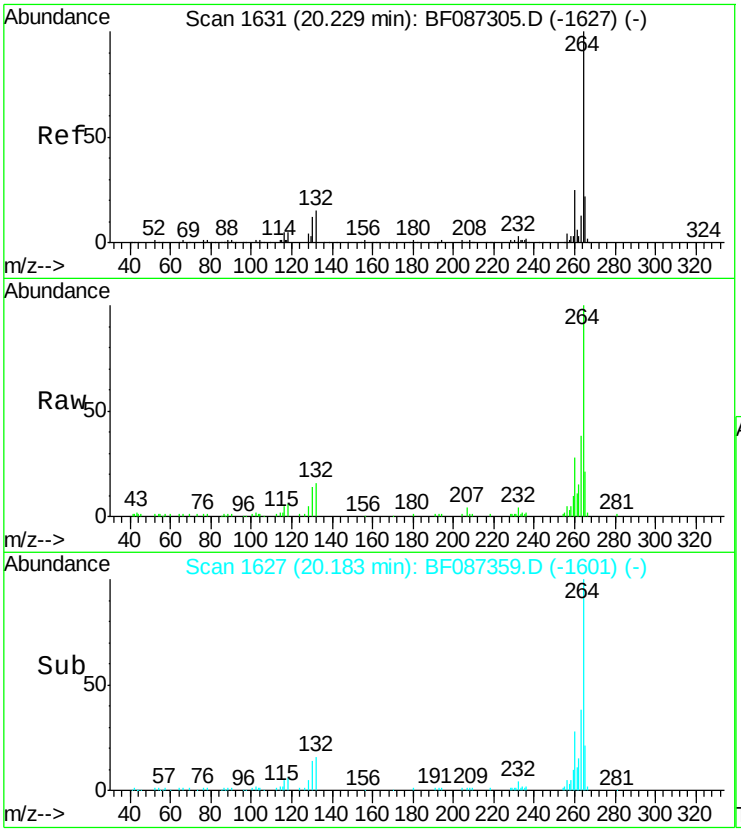


#78
Terphenyl-d14
Concen: 85.75 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Tgt Ion:244 Resp: 1395975

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087359.D
Acq: 25 May 2016 3:04

Instrument :
BNA_F
ClientSampleId :
TA-1320-(0-4)

Tgt Ion:264 Resp: 127331

Ion	Ratio	Lower	Upper
264	100		
260	27.9	19.5	29.3
265	20.9	17.3	25.9