Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
Data File : BF089541.D
Acq On : 2 Aug 2016 12:15
Operator : UM/SJ
Sample : PB92596BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92596BL

Quant Time: Aug 03 01:00:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	42440	20.00	ng		-0.08
21) Naphthalene-d8	7.76	136	179888	20.00	ng		-0.07
38) Acenaphthene-d10	9.50	164	83099	20.00	ng		-0.08
63) Phenanthrene-d10	10.97	188	168408	20.00	ng		-0.08
75) Chrysene-d12	13.59	240	120471	20.00	ng		-0.08
86) Perylene-d12	14.91	264	85986	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	346103	130.21	ng		-0.06
7) Phenol-d6	6.14	99	461101	131.27	ng		-0.07
23) Nitrobenzene-d5	7.04	82	267737	87.85	ng		-0.08
41) 2,4,6-Tribromophenol	10.28	330	83414	121.20	ng		-0.08
44) 2-Fluorobiphenyl	8.83	172	475484	83.97	ng		-0.08
78) Terphenyl-d14	12.56	244	484905	94.21	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.24	77	8463	4.93	ng		80
15) Benzyl Alcohol	6.63	79	4824	2.21	ng	#	50
19) n-Nitroso-di-n-propylamine	7.04	70	34445	16.26	ng	#	83
50) 2,6-Dinitrotoluene	9.50	165	10691	8.23	ng	#	24
56) 2,4-Dinitrotoluene	9.50	165	10691	6.25	ng	#	7
64) 4,6-Dinitro-2-methylphenol	10.28	198	208	4.52	ng	#	1
66) 4-Bromophenyl-phenylether	10.28	248	6531	4.06	ng	#	1

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

Quantitation Report (Not Reviewed)

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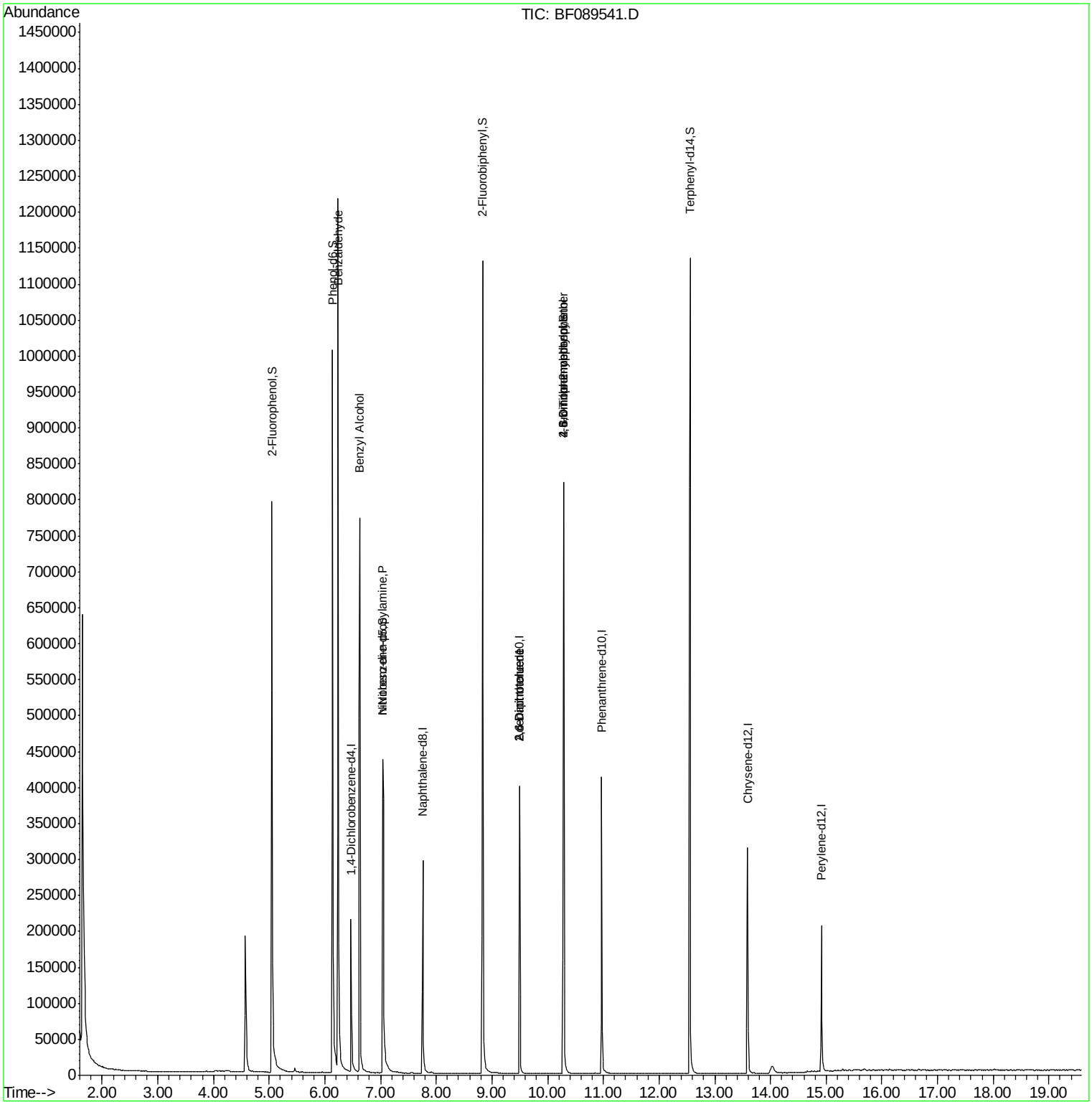
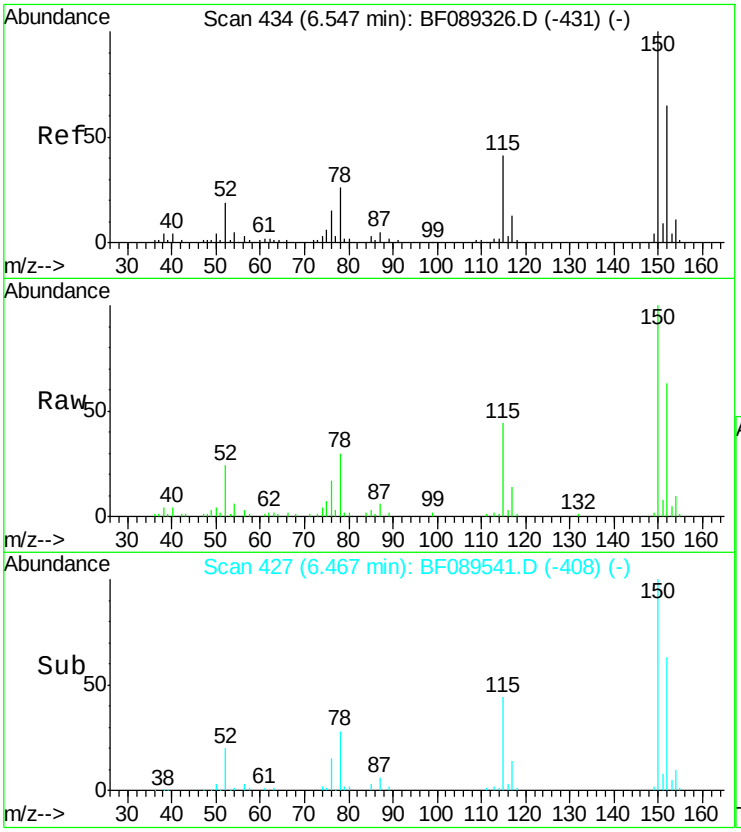
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



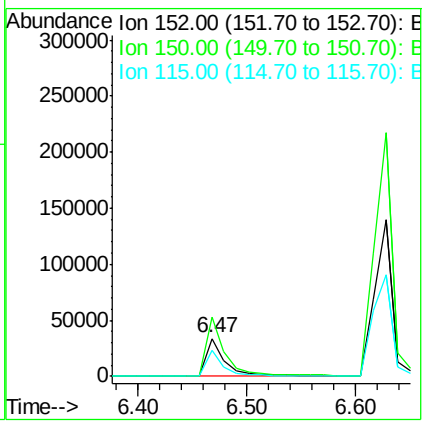


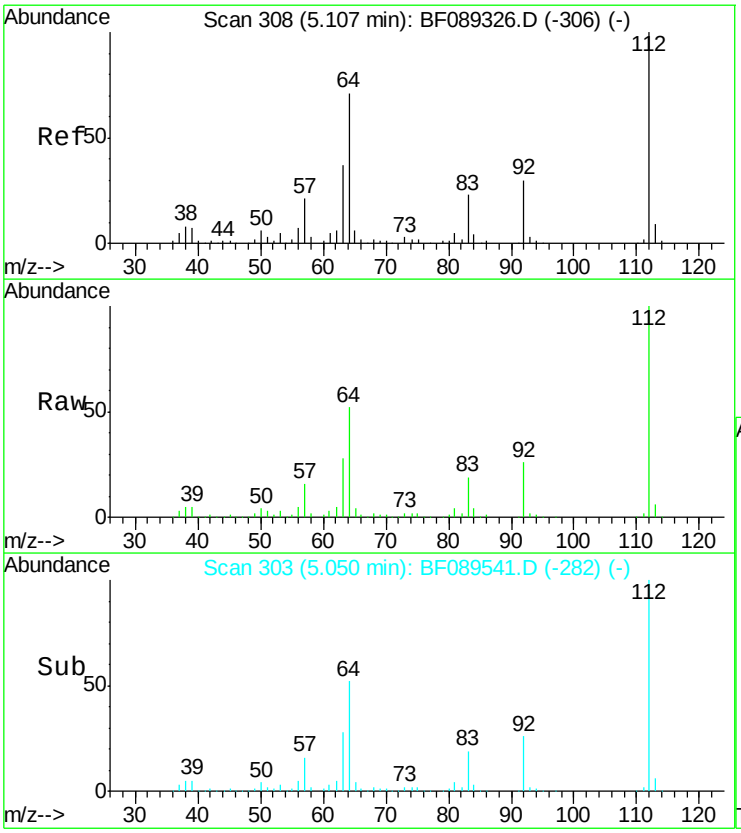
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:152 Resp: 42440

Ion	Ratio	Lower	Upper
152	100		
150	157.7	129.5	194.3
115	69.2	51.4	77.2

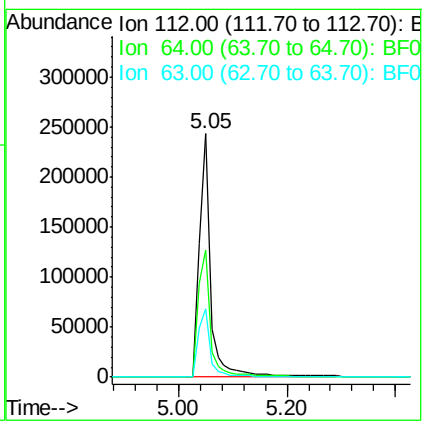


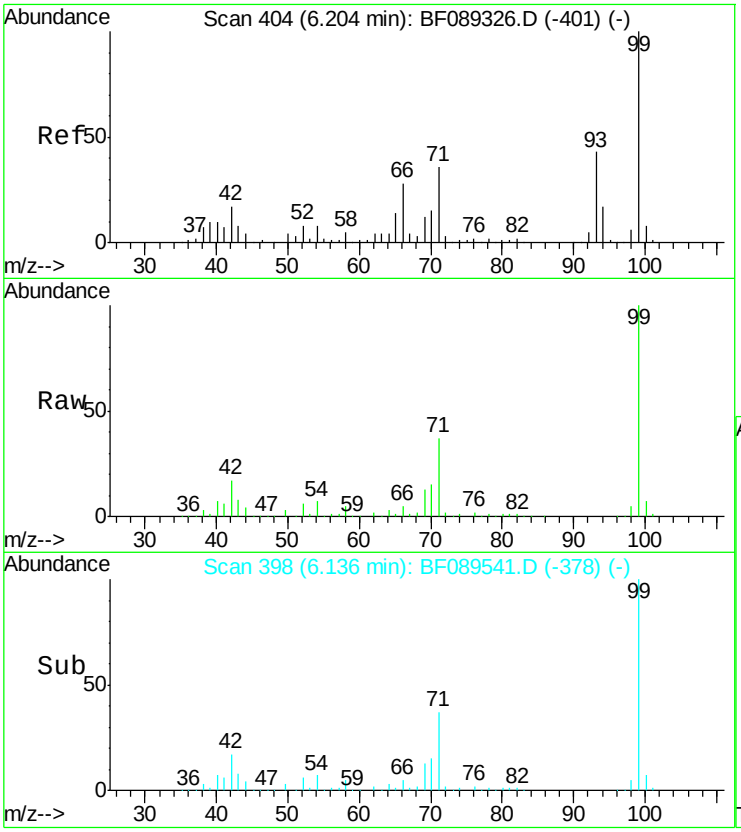


#5
2-Fluorophenol
Concen: 130.21 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.06 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:112 Resp: 346103

Ion	Ratio	Lower	Upper
112	100		
64	52.1	55.0	82.6#
63	28.0	29.4	44.2#



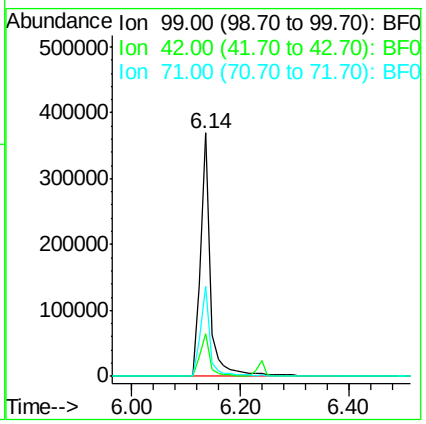


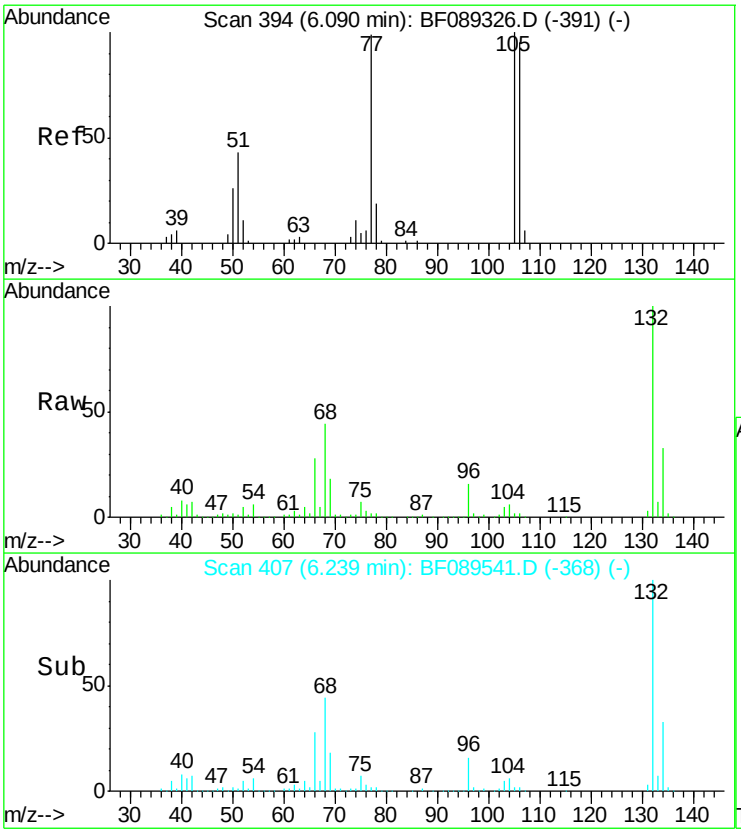
#7
Phenol-d6
Concen: 131.27 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.07 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion: 99 Resp: 461101

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	36.7	29.4	44.2

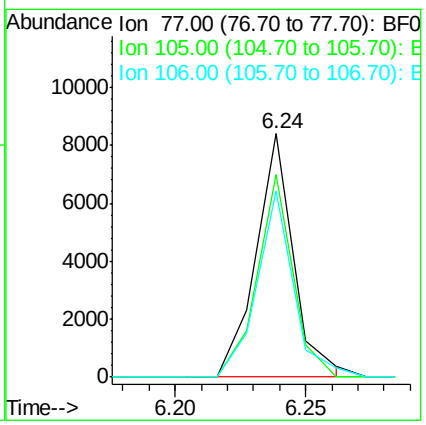


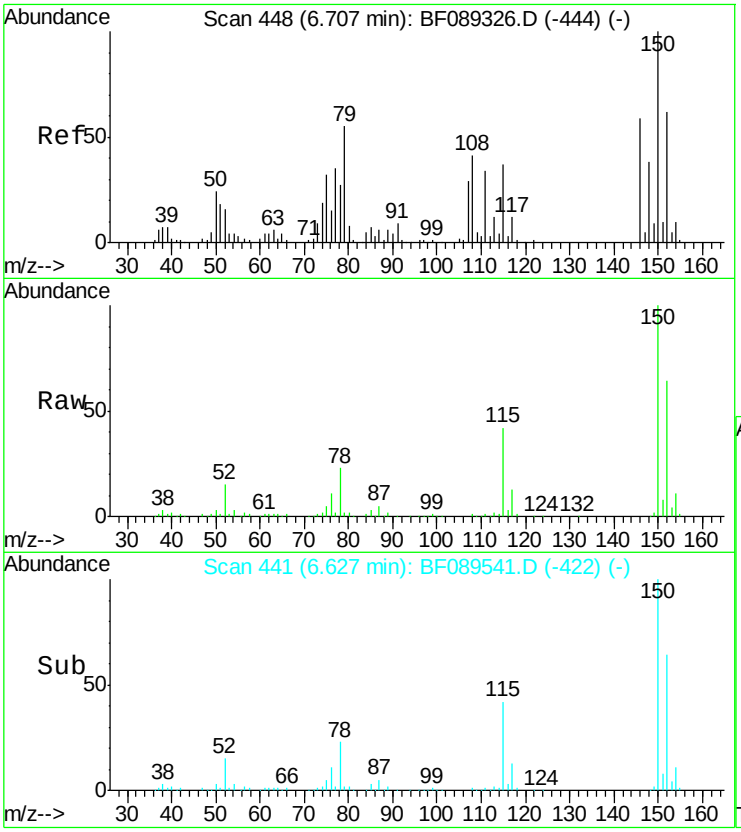


#9
Benzaldehyde
Concen: 4.93 ng
RT: 6.24 min Scan# 407
Delta R.T. 0.15 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion: 77 Resp: 8463

Ion	Ratio	Lower	Upper
77	100		
105	83.0	82.9	122.9
106	76.3	75.9	115.9



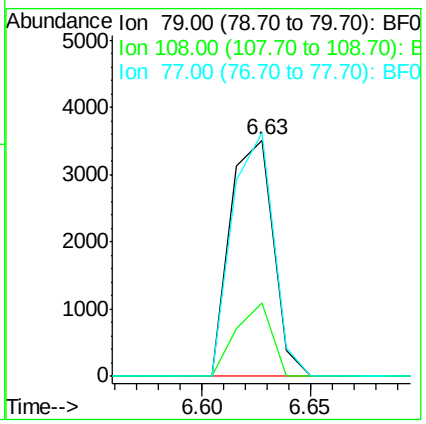


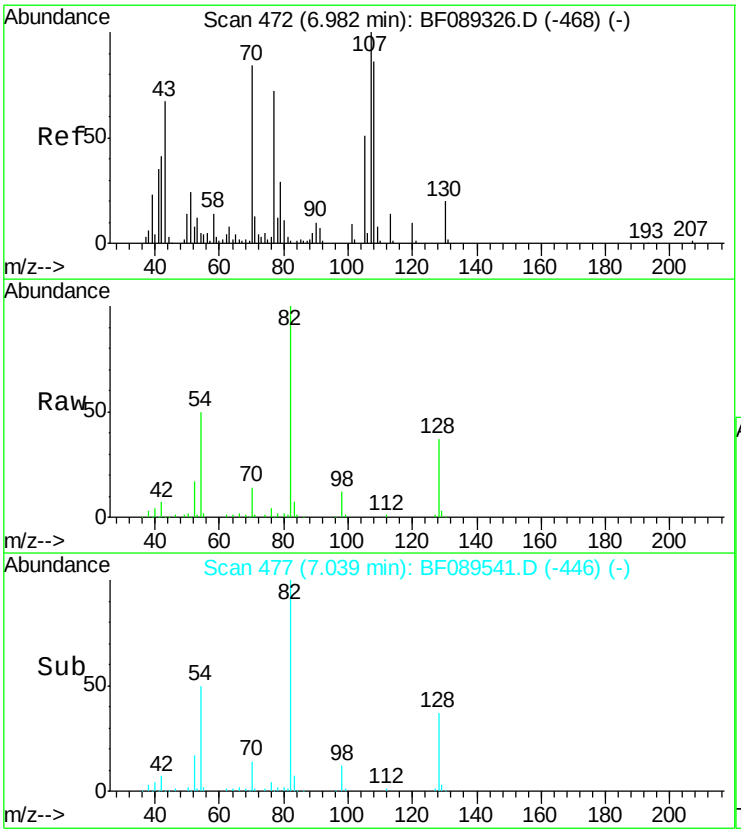
#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion: 79 Resp: 4824

Ion	Ratio	Lower	Upper
79	100		
108	31.2	59.8	89.6#
77	103.1	51.7	77.5#

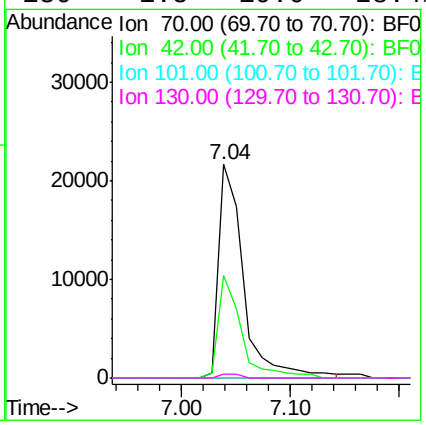


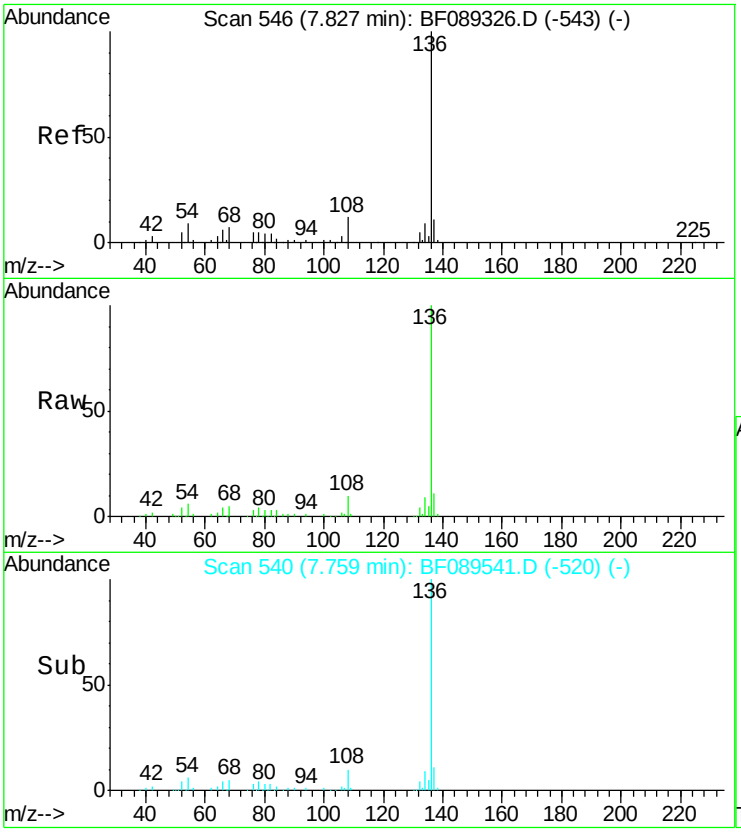


#19
n-Nitroso-di-n-propylamine
Concen: 16.26 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.06 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion: 70 Resp: 34445

Ion	Ratio	Lower	Upper
70	100		
42	48.0	38.6	57.8
101	0.0	8.3	12.5#
130	1.5	19.0	28.4#



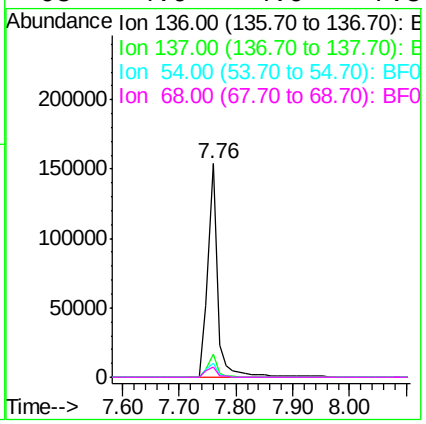


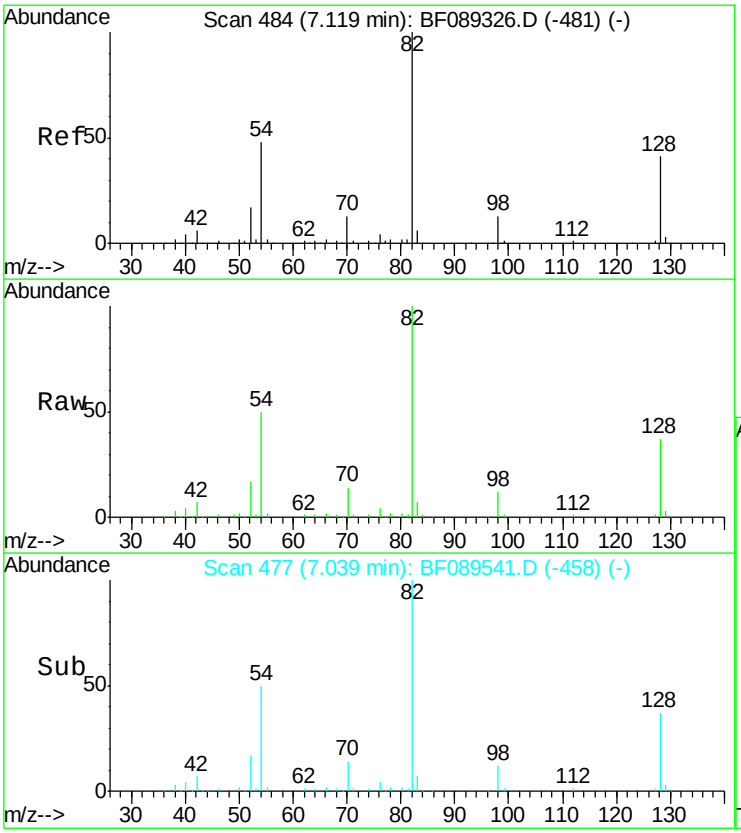
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:136 Resp: 179888

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.4	7.0	10.4#
68	4.9	4.9	7.3

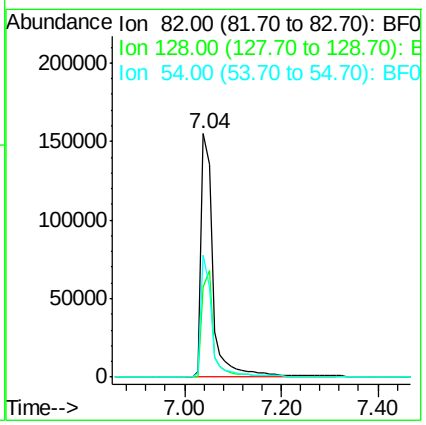


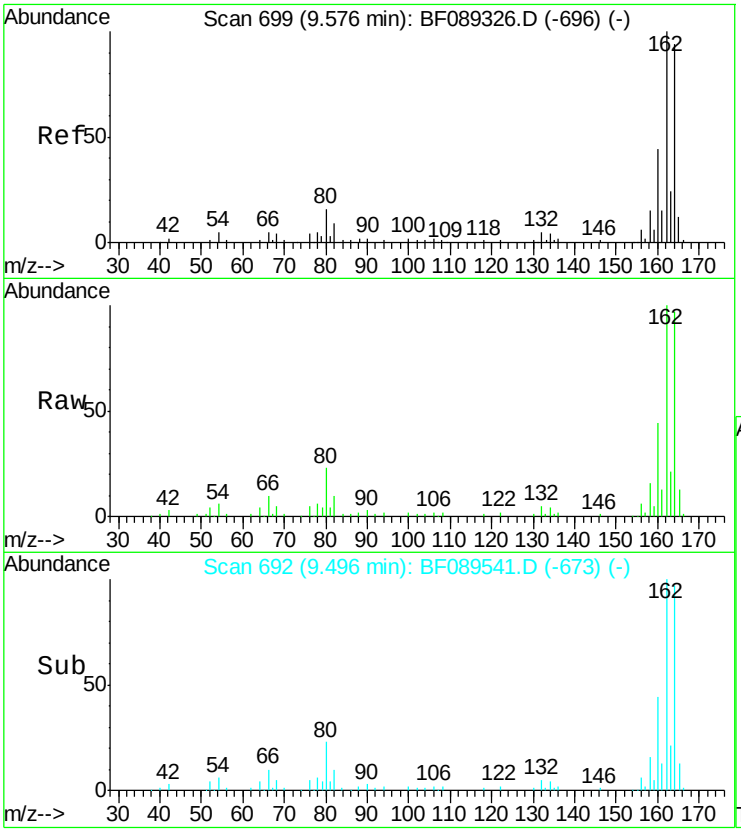


#23
Nitrobenzene-d5
Concen: 87.85 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion: 82 Resp: 267737

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.5	48.7
54	50.0	38.8	58.2



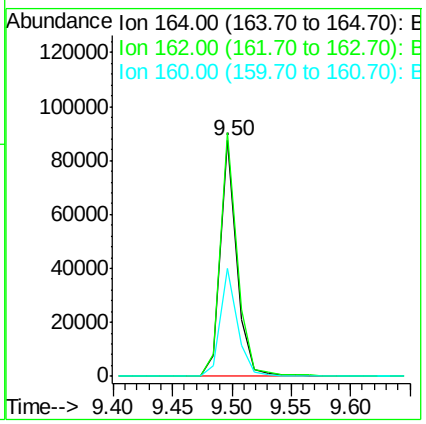


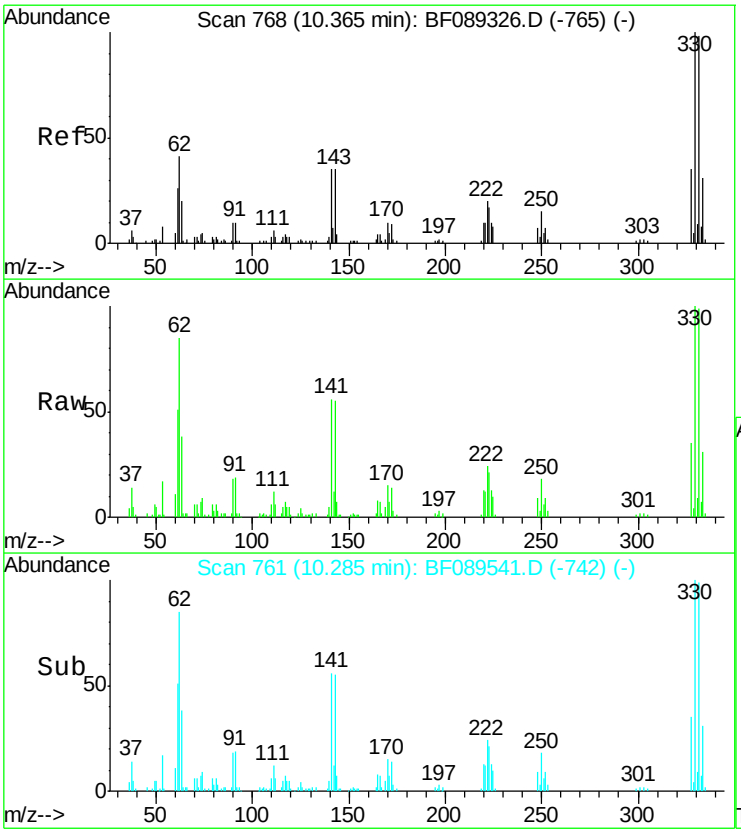
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:164 Resp: 83099

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.7	125.5
160	45.6	37.8	56.6

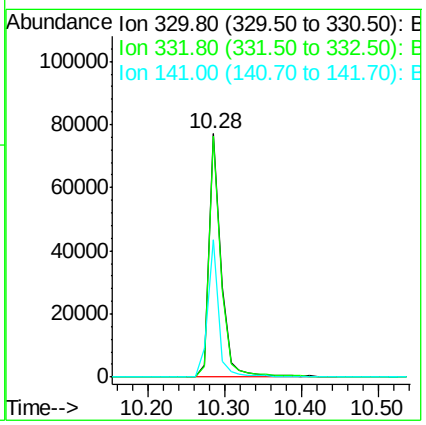


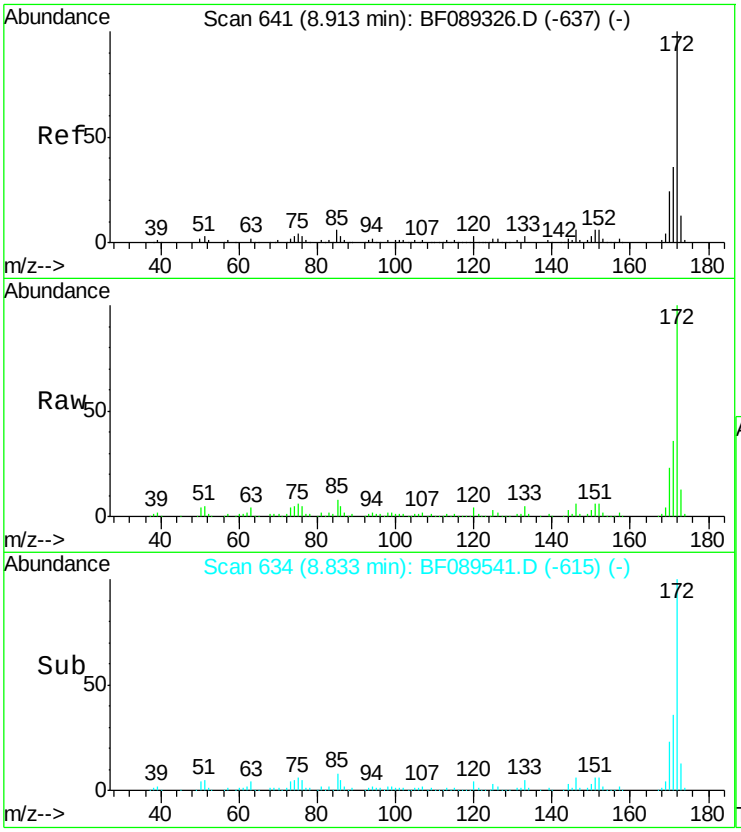


#41
2,4,6-Tribromophenol
Concen: 121.20 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:330 Resp: 83414

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	51.0	37.3	55.9



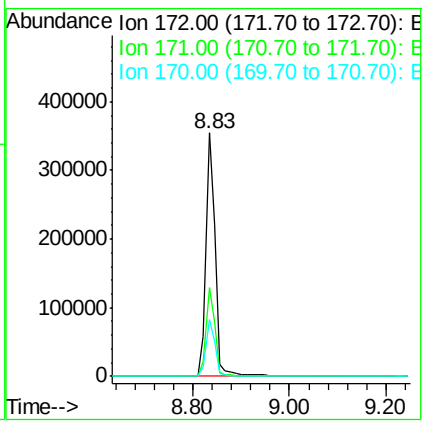


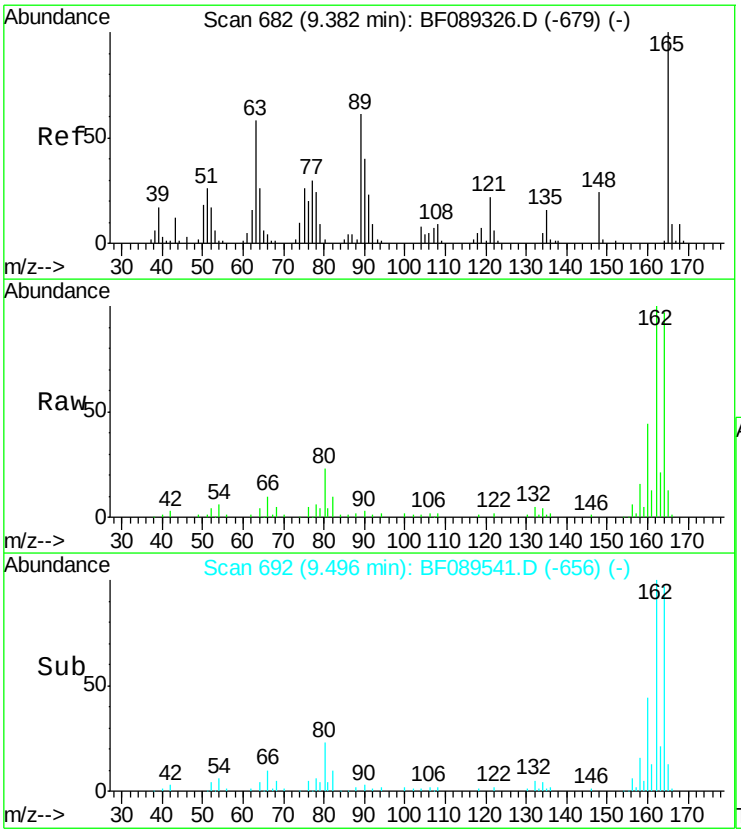
#44
2-Fluorobiphenyl
Concen: 83.97 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:172 Resp: 475484

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.4	19.2	28.8

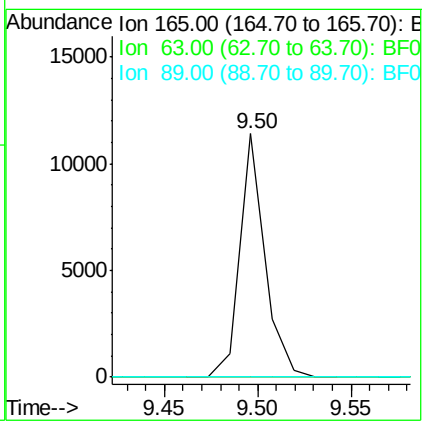


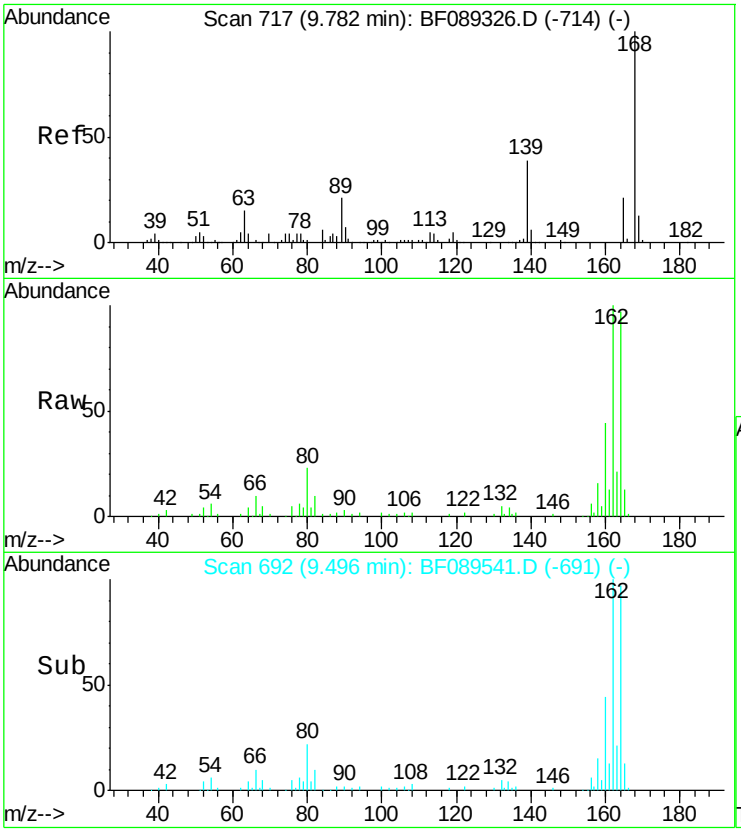


#50
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.11 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:165 Resp: 10691

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



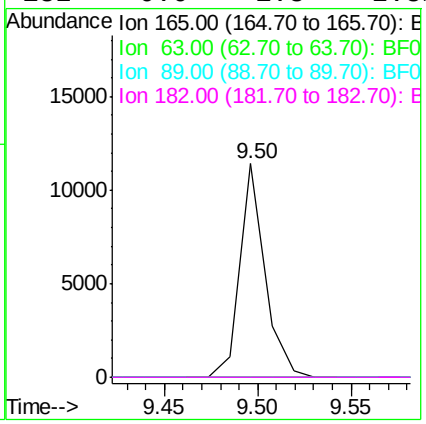


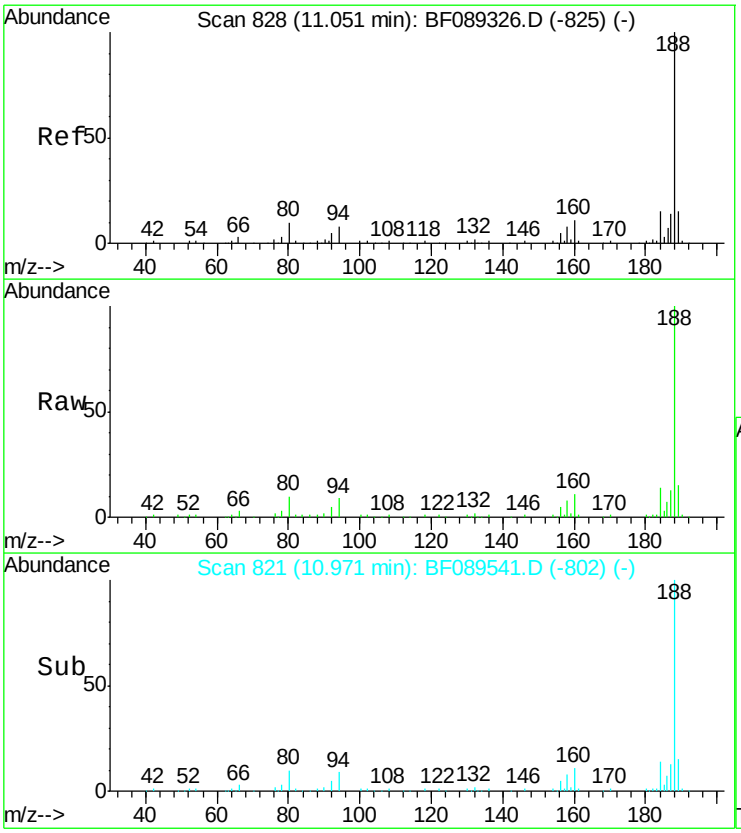
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.29 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:165 Resp: 10691

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

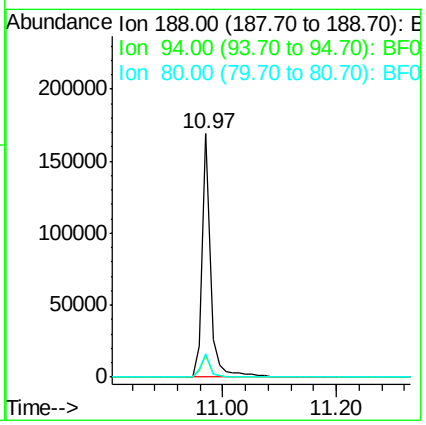


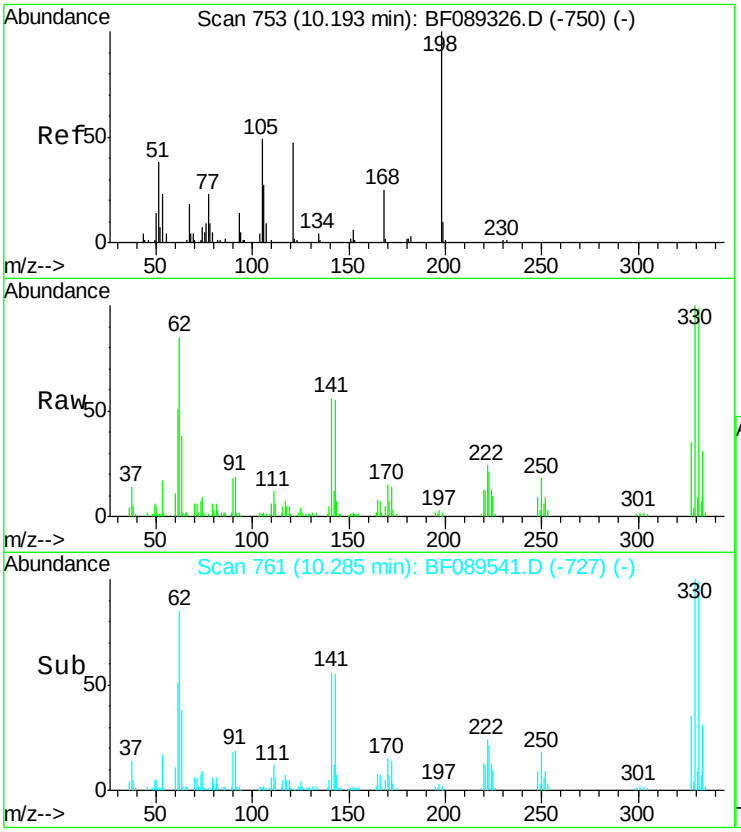


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:188 Resp: 168408

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.5	9.7
80	9.8	7.2	10.8



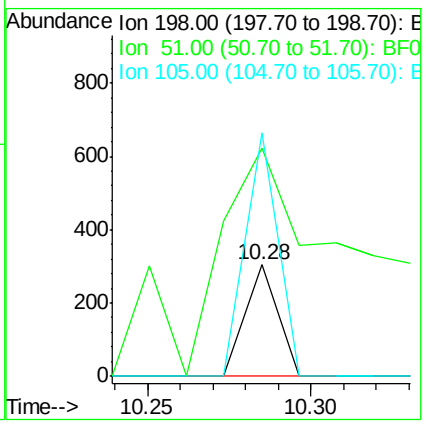


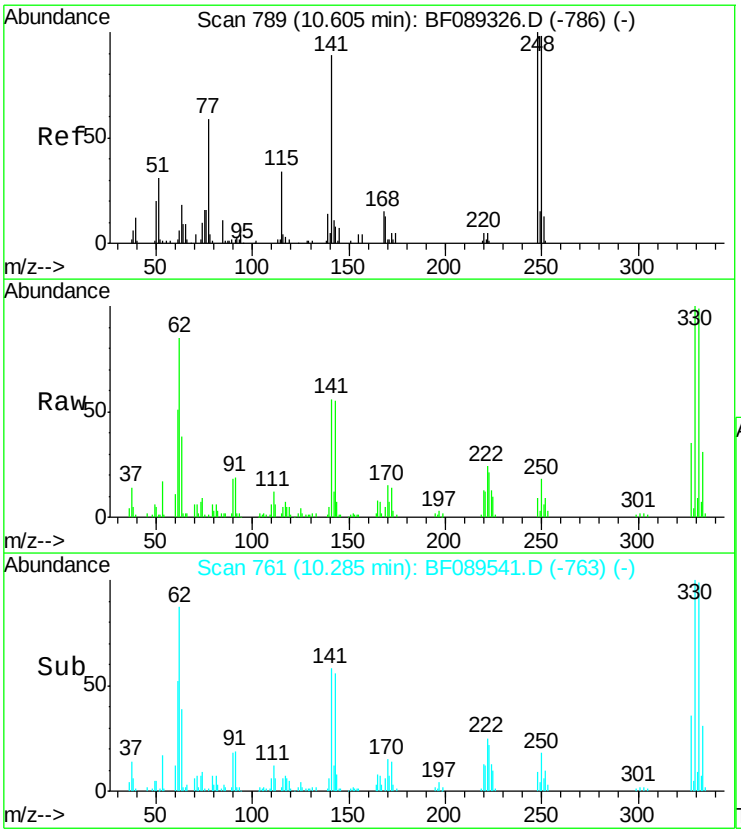
#64
4,6-Dinitro-2-methylphenol
Concen: 4.52 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.09 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	204.6	23.0	63.0#
105	218.4	28.3	68.3#

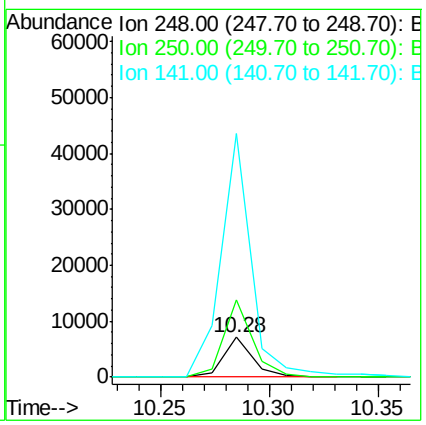


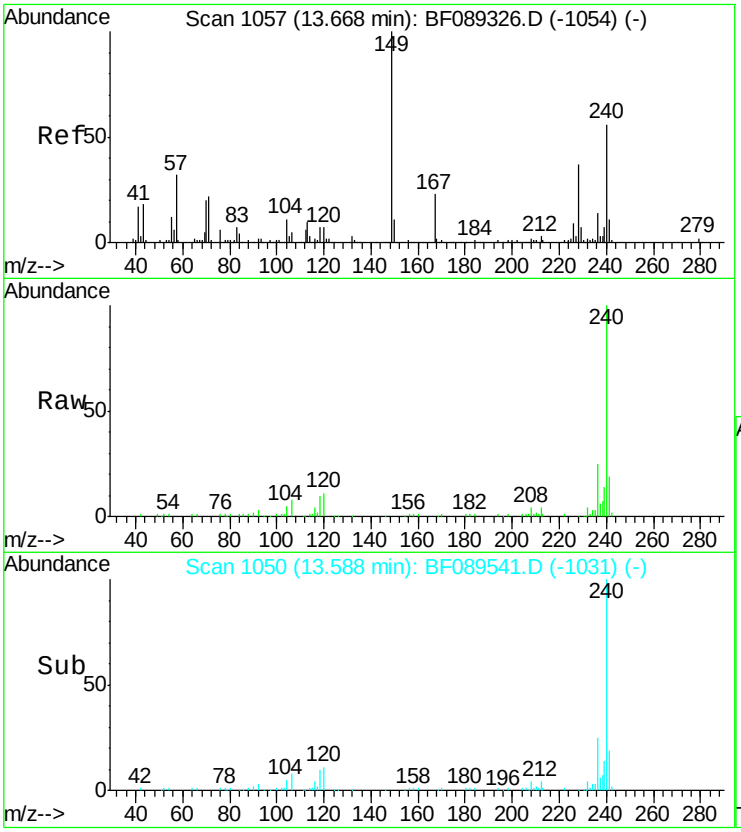


#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:248 Resp: 6531

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.2	117.2#
141	611.1	62.0	93.0#



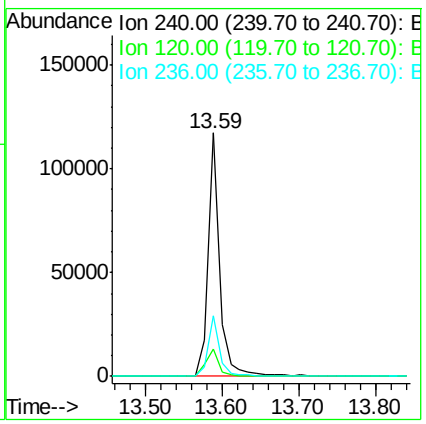


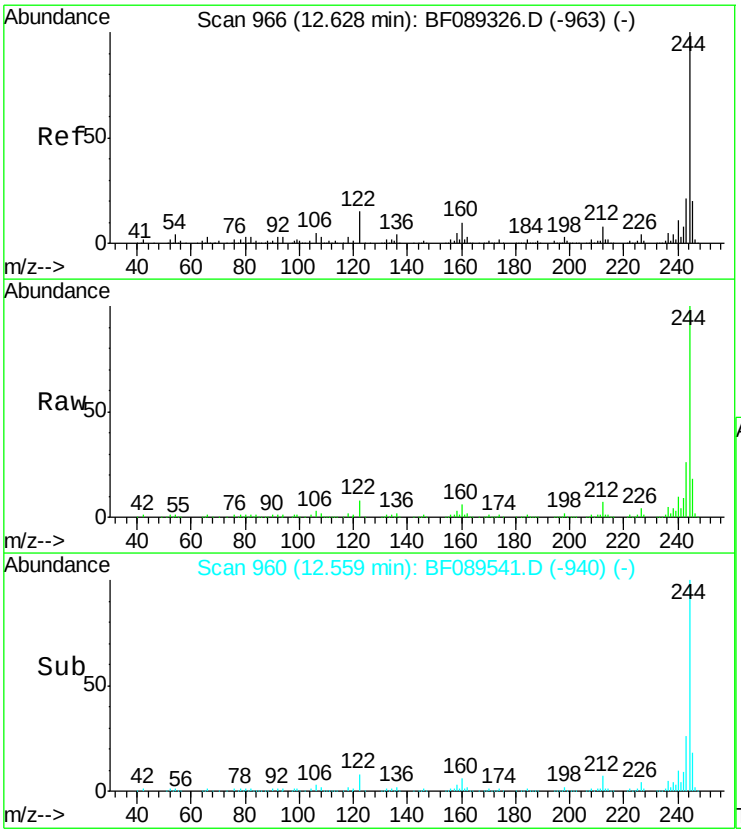
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:240 Resp: 120471

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	24.8	20.6	30.8

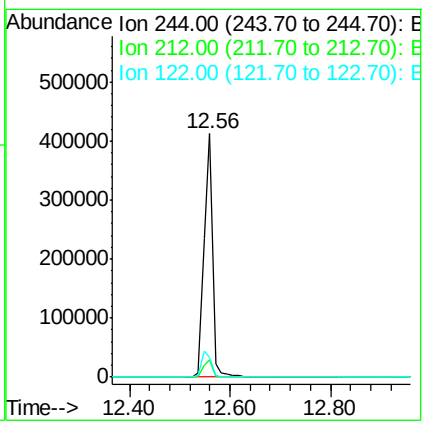


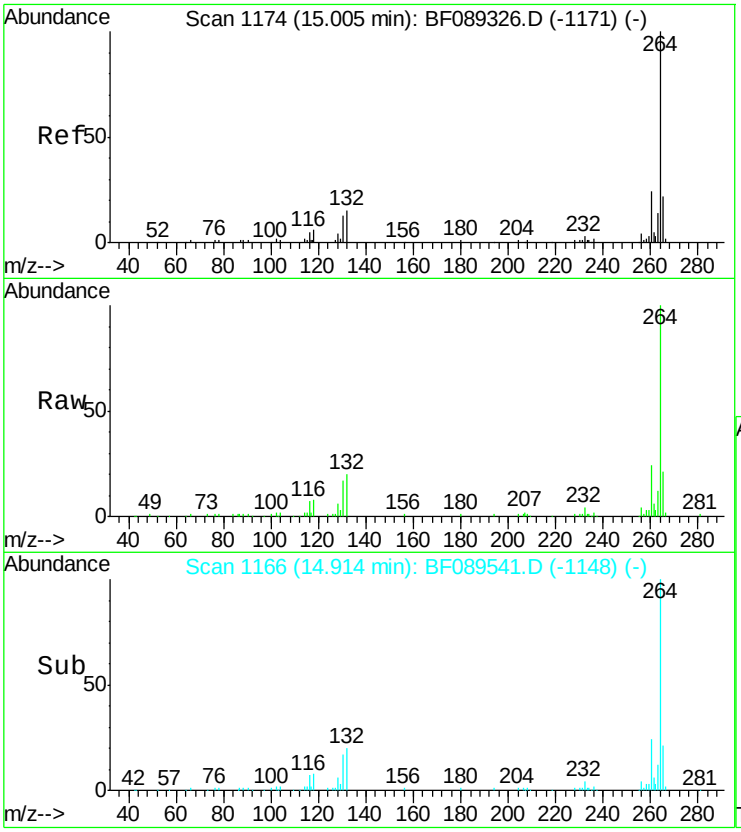


#78
Terphenyl-d14
Concen: 94.21 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.07 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Tgt Ion:244 Resp: 484905

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	7.9	11.4	17.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089541.D
Acq: 2 Aug 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB92596BL

Tgt Ion:264 Resp: 85986

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	20.7	17.5	26.3