Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
Data File : BF091441.D
Acq On : 6 Dec 2016 1:58
Operator : UM/SJ
Sample : H5802-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FIELDBLANK

Quant Time: Dec 06 03:56:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134375	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	509023	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	312713	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	518341	20.00	ng		0.00
75) Chrysene-d12	14.00	240	355128	20.00	ng		0.00
86) Perylene-d12	15.43	264	271710	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	530393	64.48	ng		0.01
7) Phenol-d6	6.48	99	463121	45.74	ng		0.00
23) Nitrobenzene-d5	7.42	82	999143	110.00	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	394104	133.12	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1585772	91.82	ng		0.00
78) Terphenyl-d14	12.96	244	1815964	111.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	23823	3.66	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	138596	21.73	ng	#	67
50) 2,6-Dinitrotoluene	9.89	165	40688	9.61	ng	#	16
56) 2,4-Dinitrotoluene	9.89	165	40690	7.41	ng	#	33
66) 4-Bromophenyl-phenylether	10.68	248	25071	4.50	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Dec 2016 1:58
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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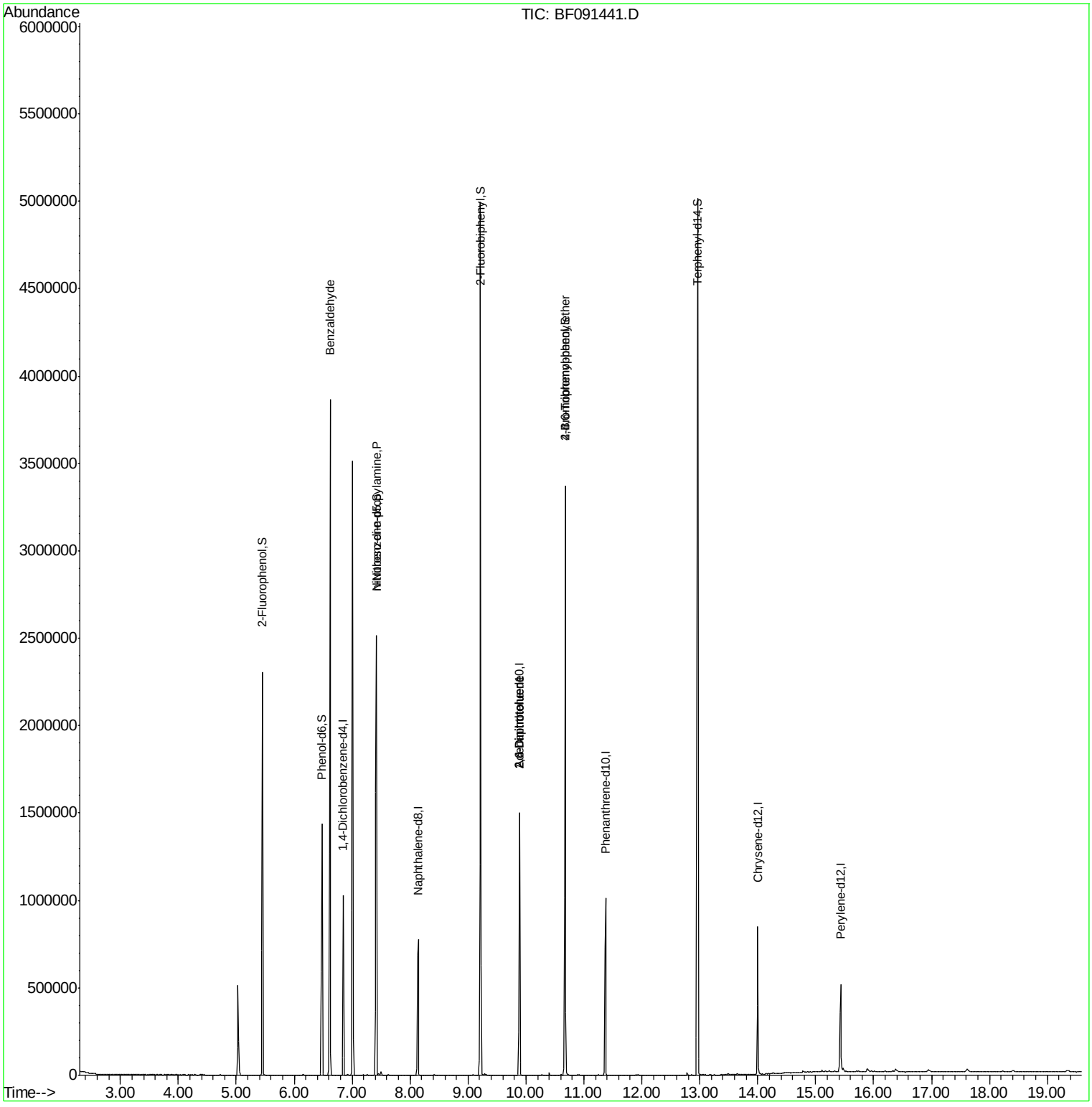
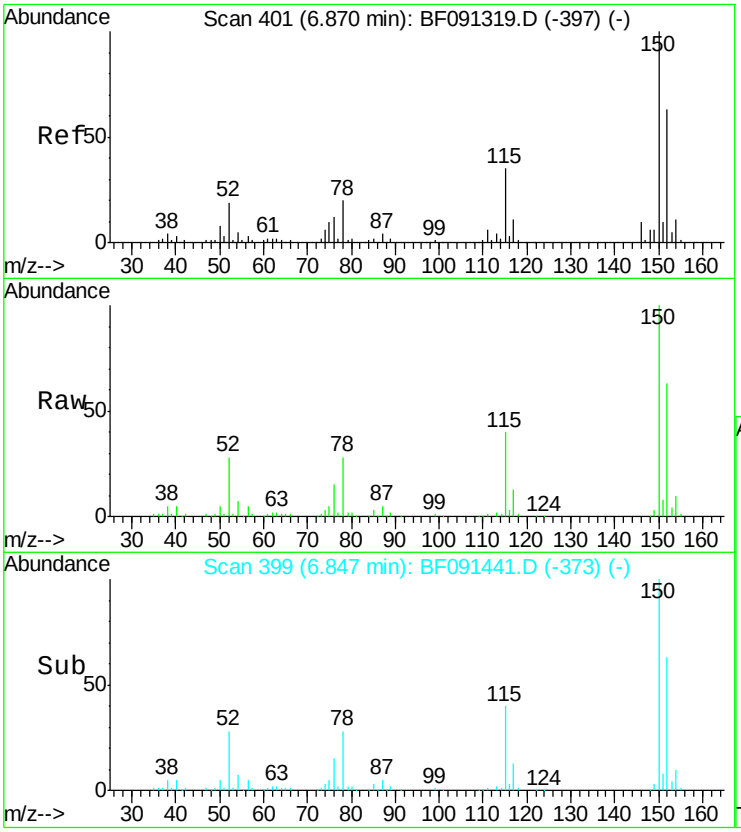


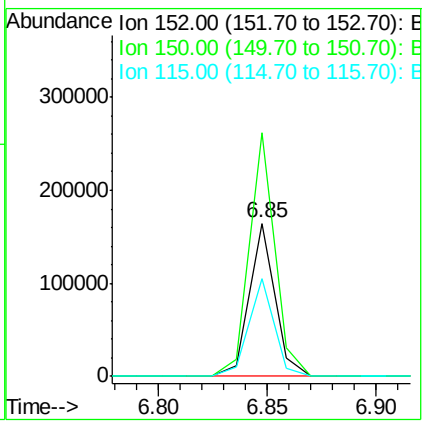


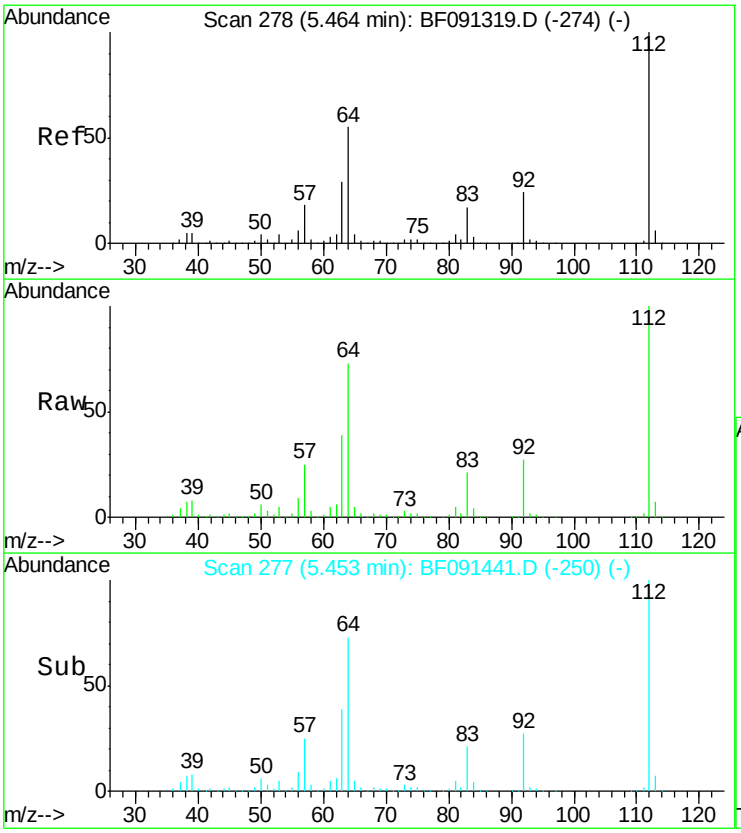
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:152 Resp: 134375

Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.5	183.7
115	63.6	51.8	77.8

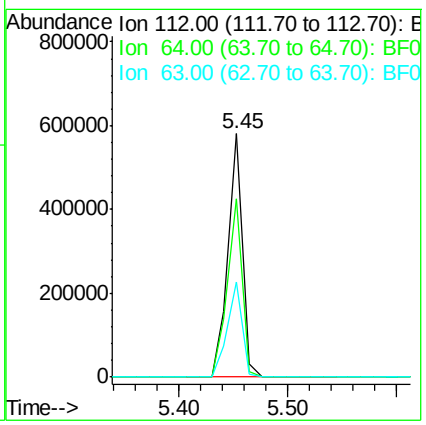


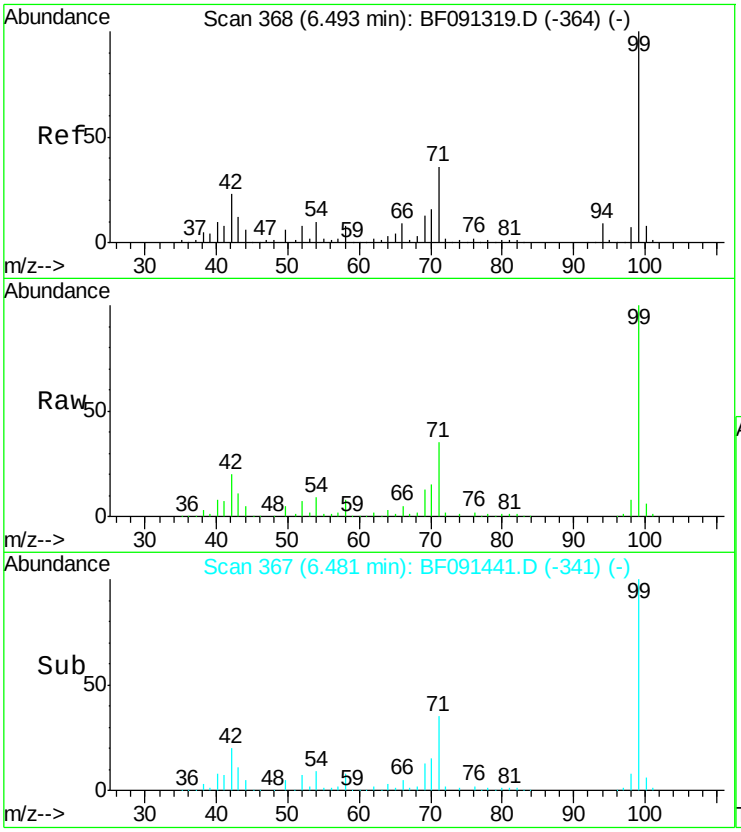


#5
2-Fluorophenol
Concen: 64.48 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:112 Resp: 530393

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.5	92.3
63	39.3	33.3	49.9



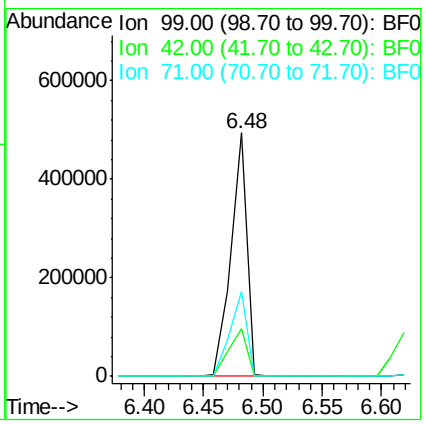


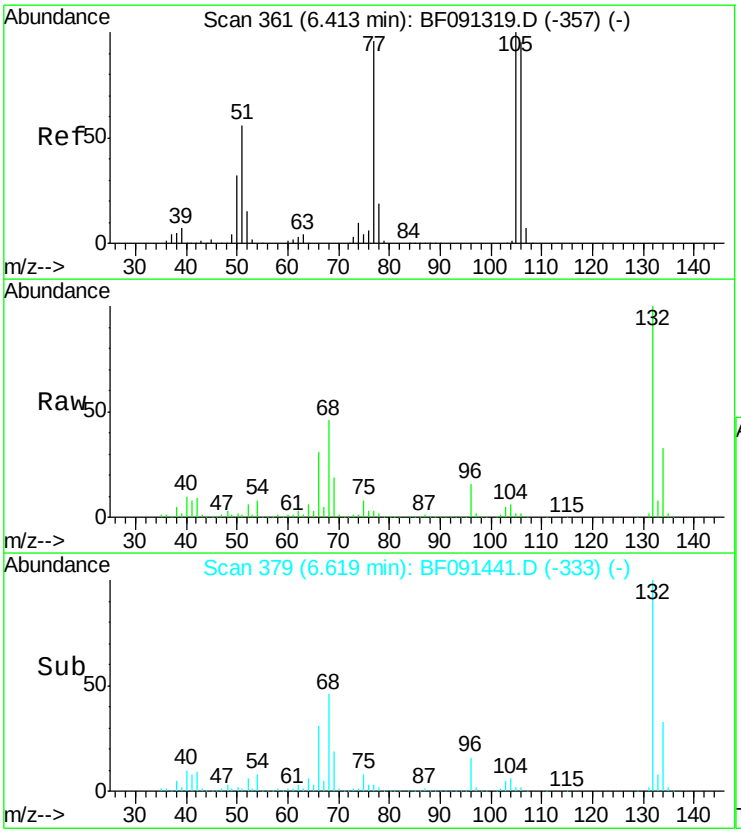
#7
Phenol-d6
Concen: 45.74 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion: 99 Resp: 463121

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.6	31.0#
71	35.1	29.9	44.9

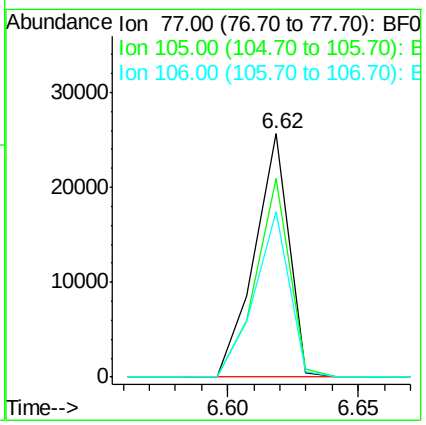


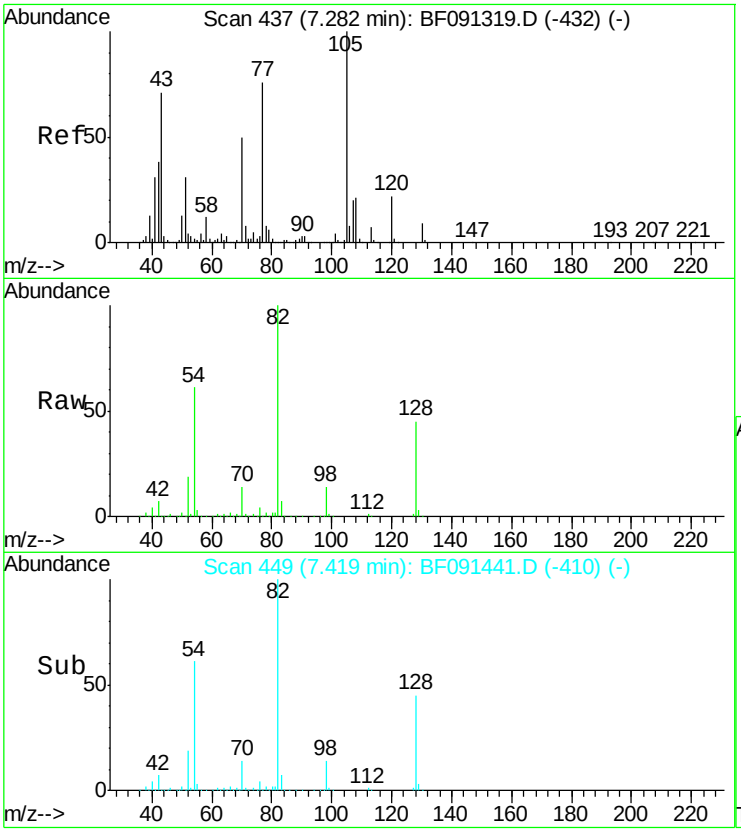


#9
Benzaldehyde
Concen: 3.66 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.23 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion: 77 Resp: 23823

Ion	Ratio	Lower	Upper
77	100		
105	81.8	66.4	106.4
106	68.2	60.9	100.9



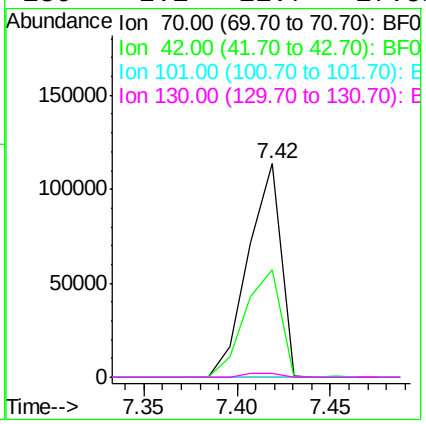


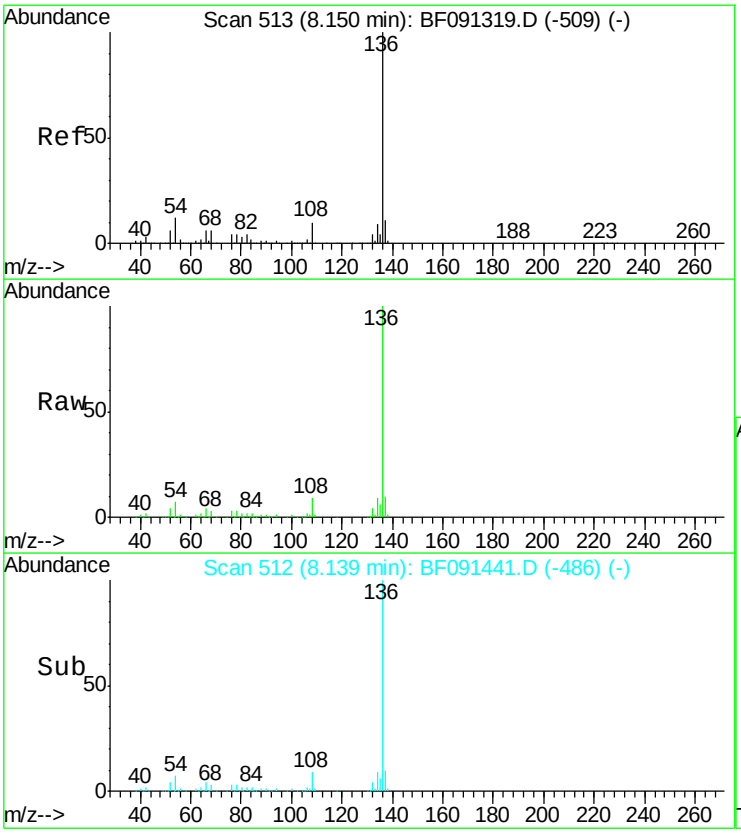
#19
n-Nitroso-di-n-propylamine
Concen: 21.73 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.15 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion: 70 Resp: 138596

Ion	Ratio	Lower	Upper
70	100		
42	50.4	64.8	97.2#
101	0.0	6.2	9.4#
130	2.1	11.7	17.5#

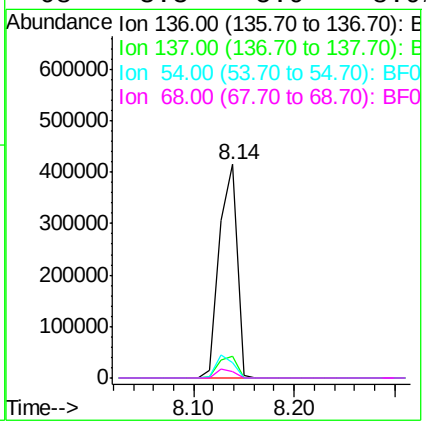


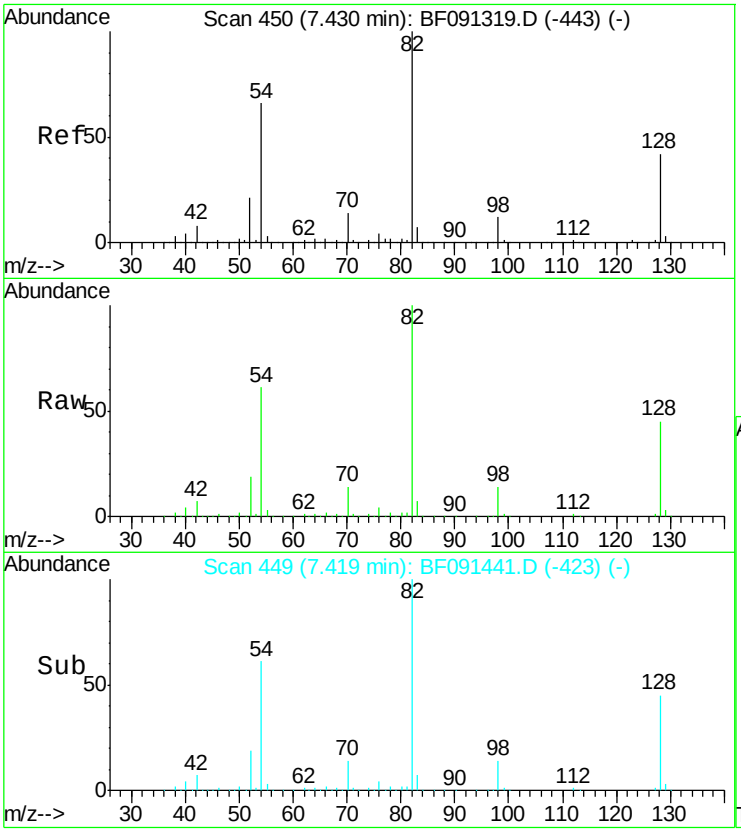


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:136 Resp: 509023

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	7.2	9.1	13.7#
68	3.3	5.9	8.9#



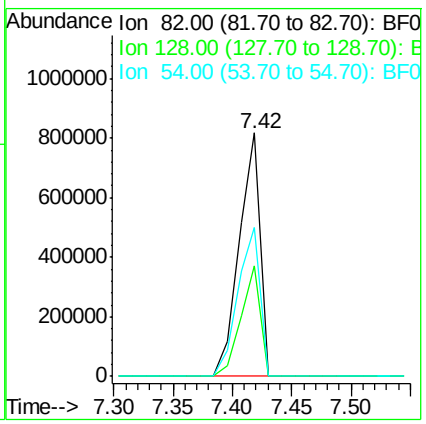


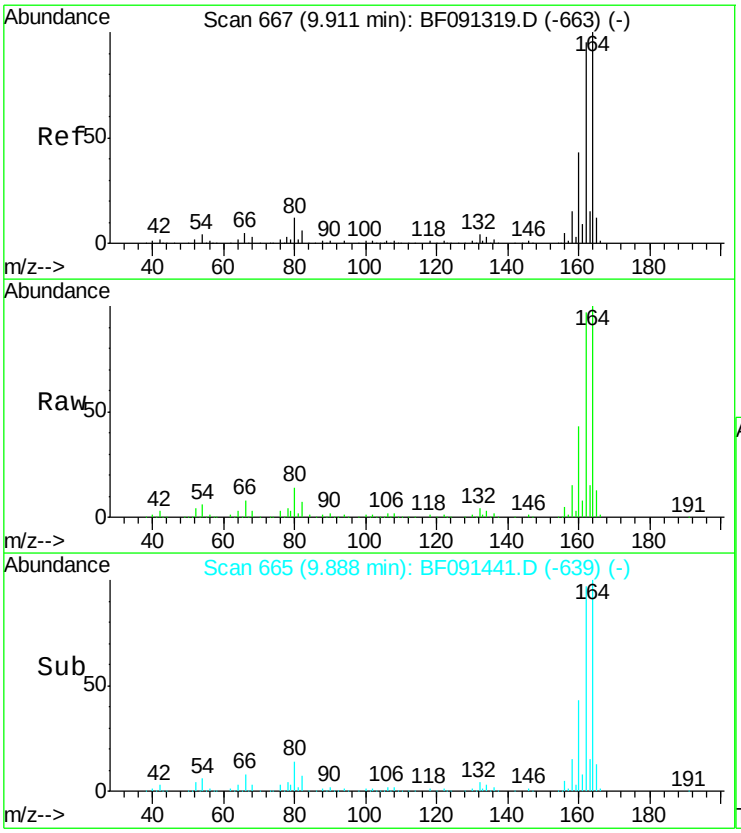
#23
Nitrobenzene-d5
Concen: 110.00 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion: 82 Resp: 999143

Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.8	47.6
54	61.0	49.1	73.7

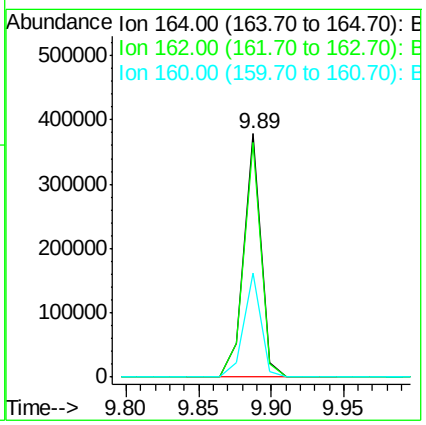


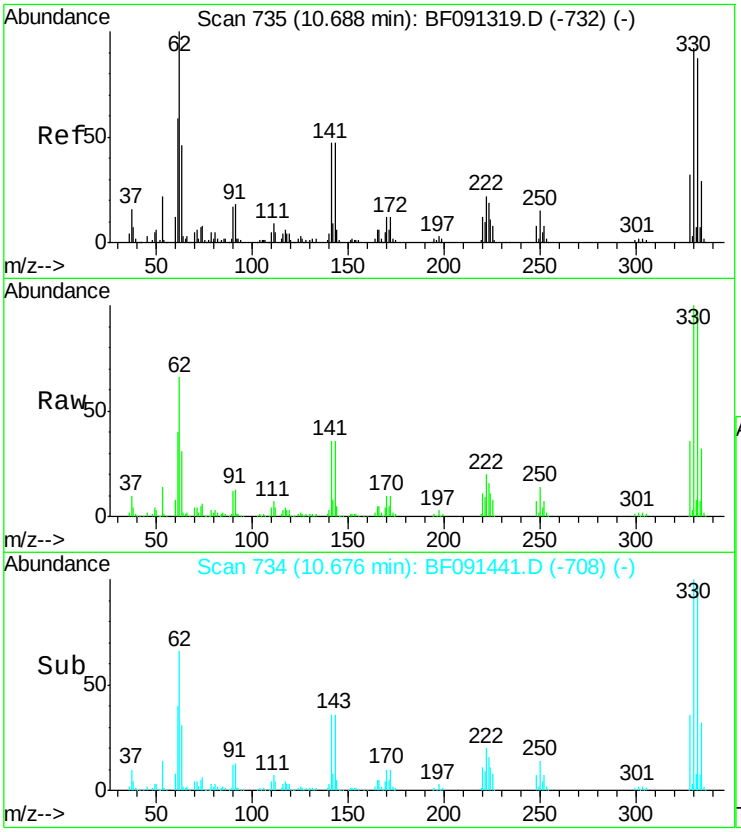


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:164 Resp: 312713

Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.6	124.0
160	42.6	36.7	55.1



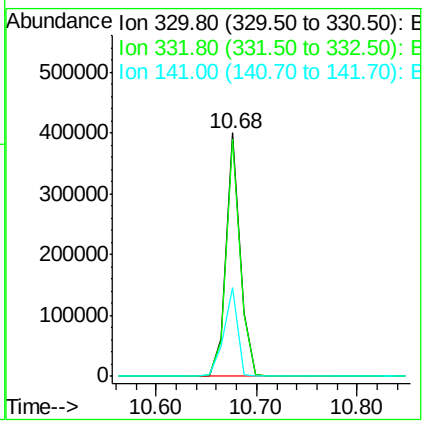


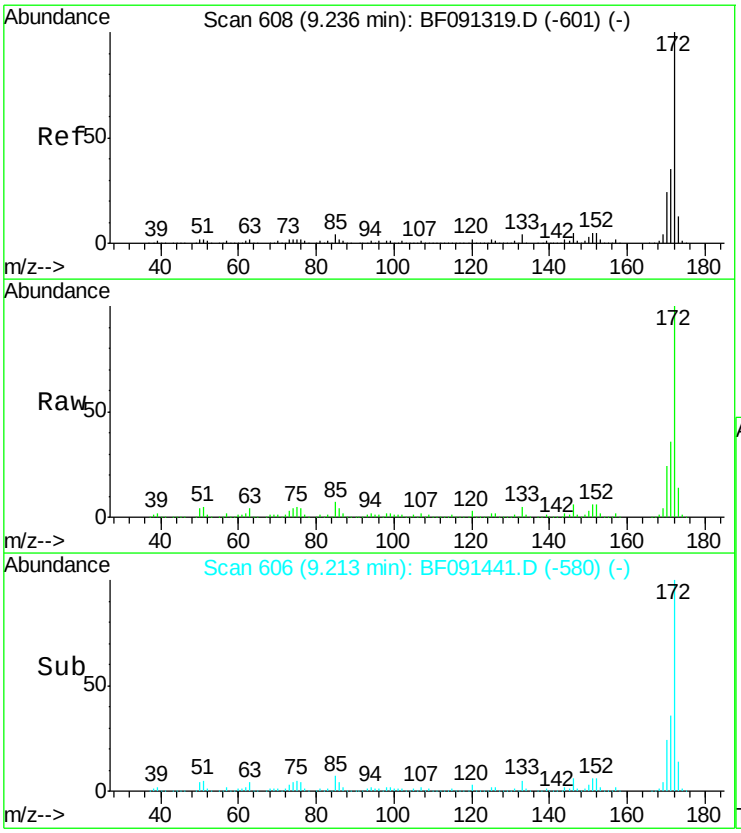
#41
2,4,6-Tribromophenol
Concen: 133.12 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:330 Resp: 394104

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	35.0	33.6	50.4

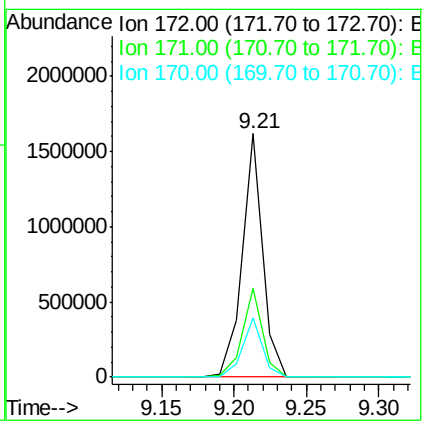


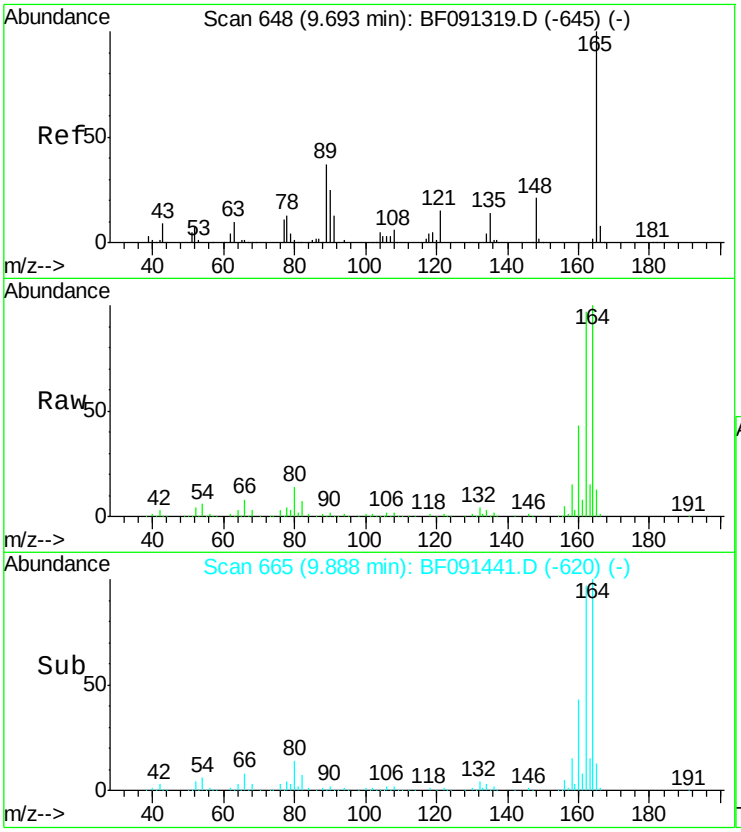


#44
2-Fluorobiphenyl
Concen: 91.82 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:172 Resp: 1585772

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.3	19.7	29.5



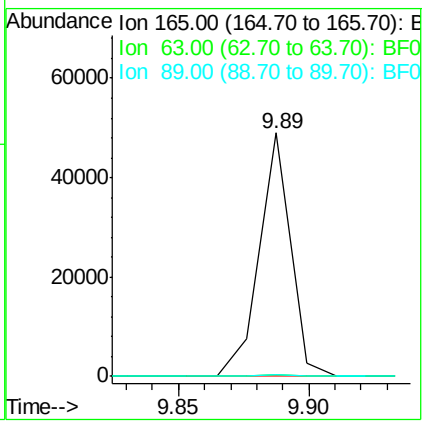


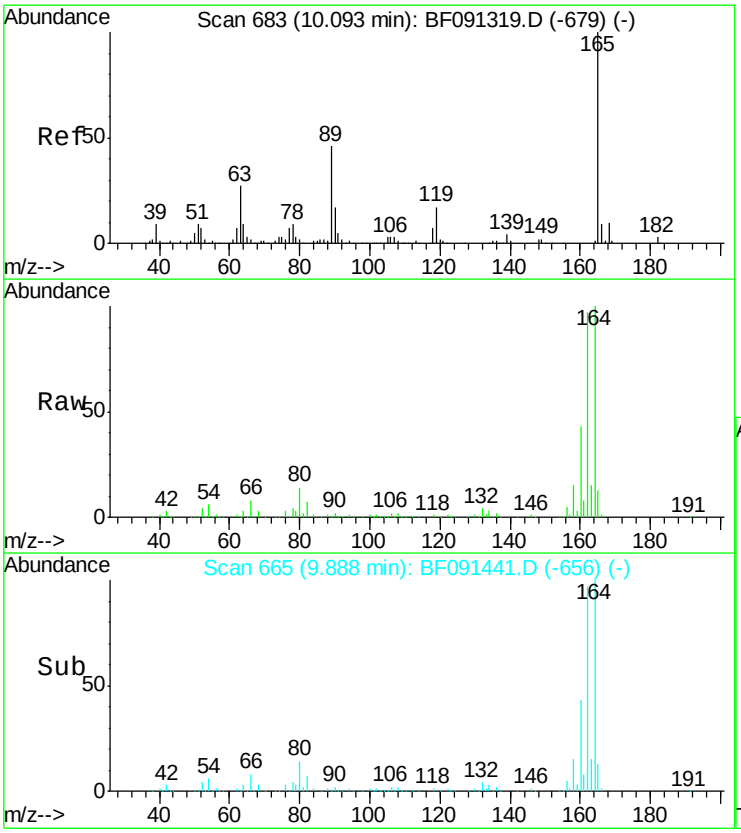
#50
2,6-Dinitrotoluene
Concen: 9.61 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.22 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:165 Resp: 40688

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	0.8	50.8	76.2#

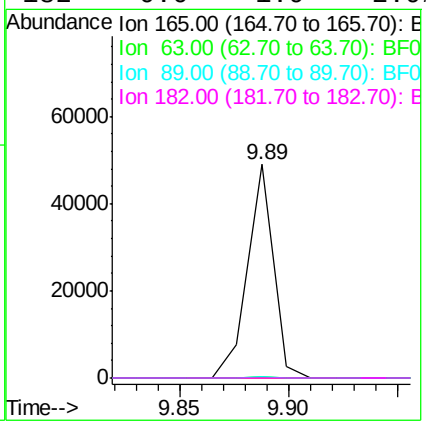


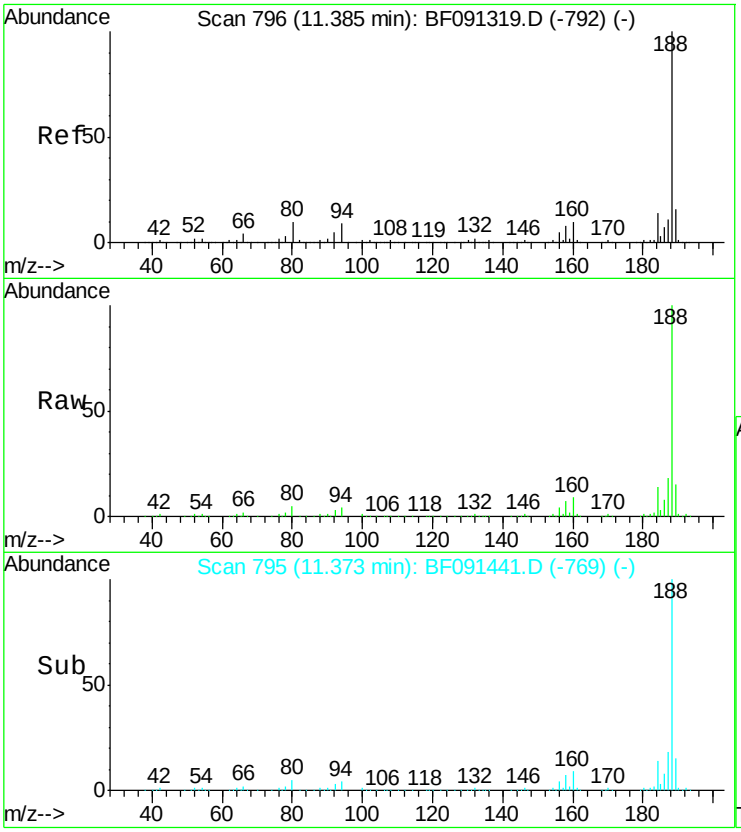


#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.19 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:165 Resp: 40690

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#



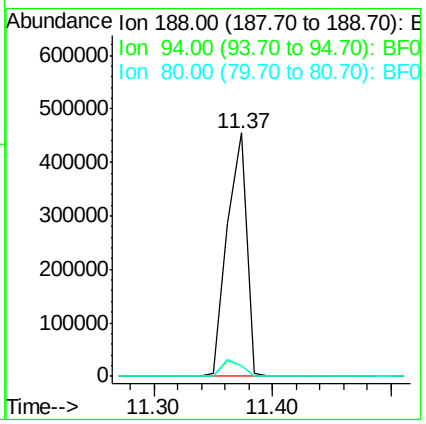


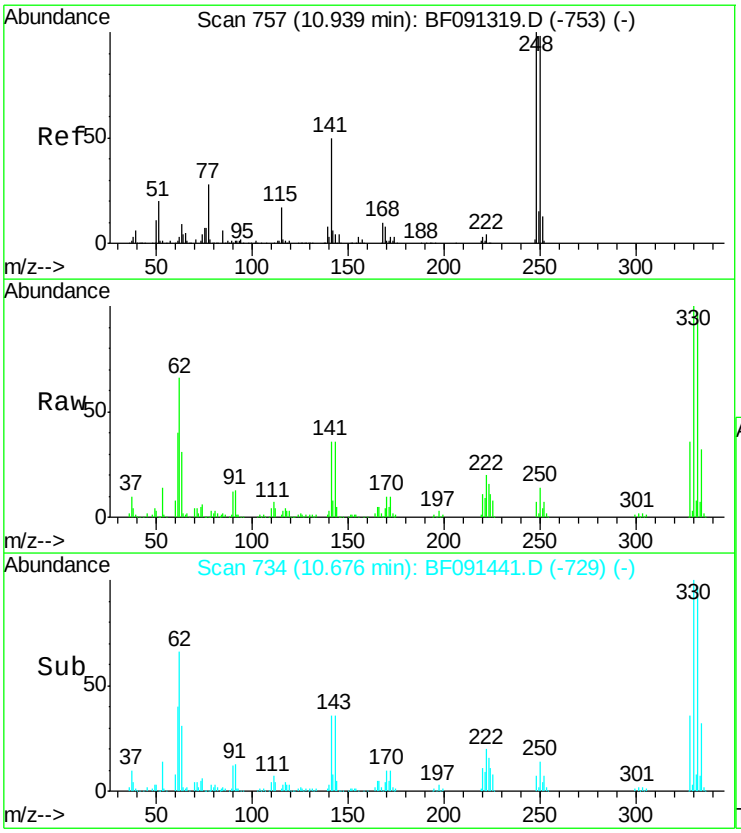
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:188 Resp: 518341

Ion	Ratio	Lower	Upper
188	100		
94	4.5	9.2	13.8#
80	4.6	10.5	15.7#

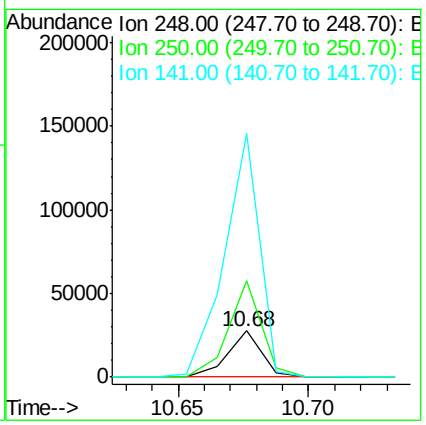


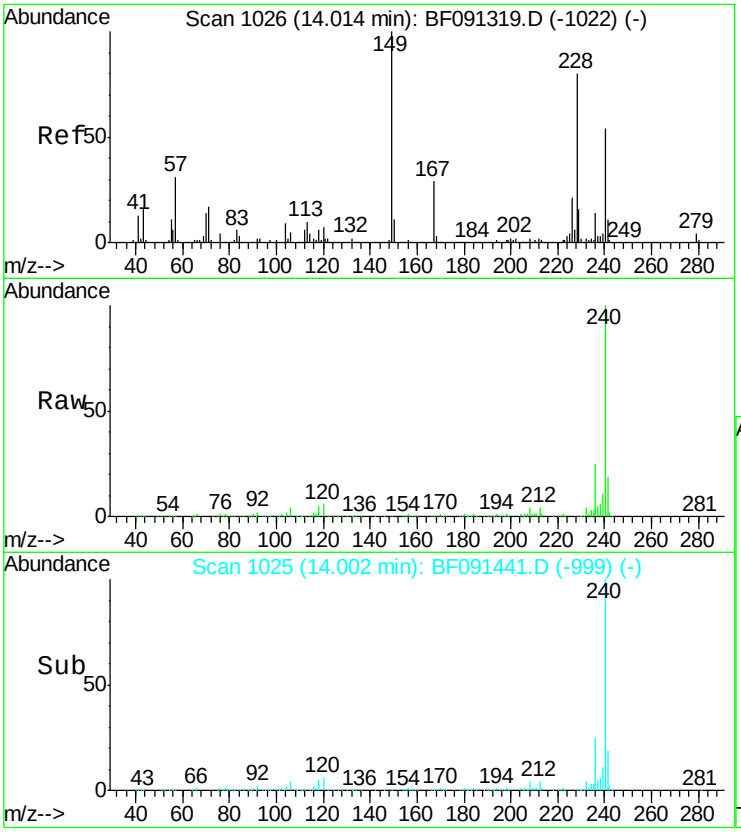


#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.24 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:248 Resp: 25071

Ion	Ratio	Lower	Upper
248	100		
250	208.2	78.2	117.4#
141	526.2	71.9	107.9#



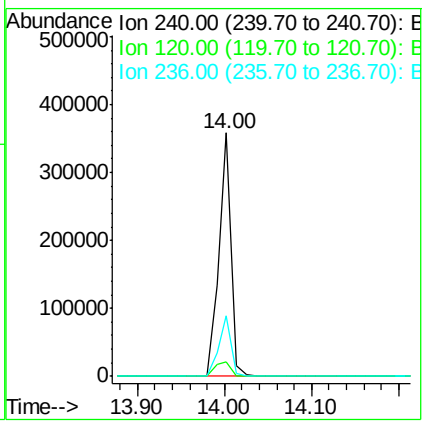


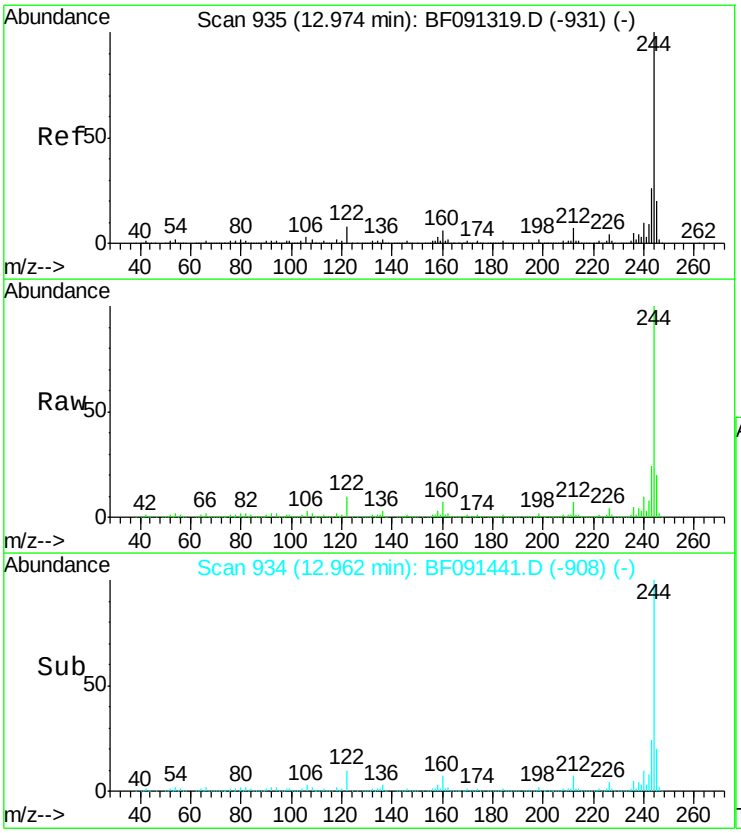
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:240 Resp: 355128

Ion	Ratio	Lower	Upper
240	100		
120	6.0	12.1	18.1#
236	24.9	21.0	31.6

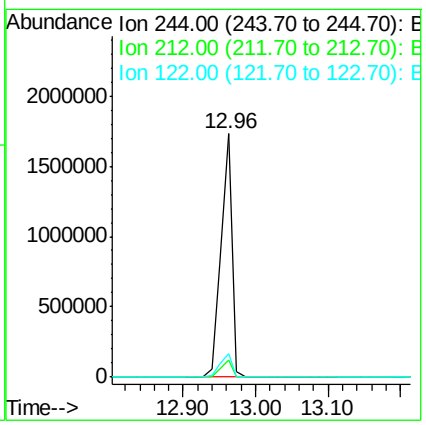


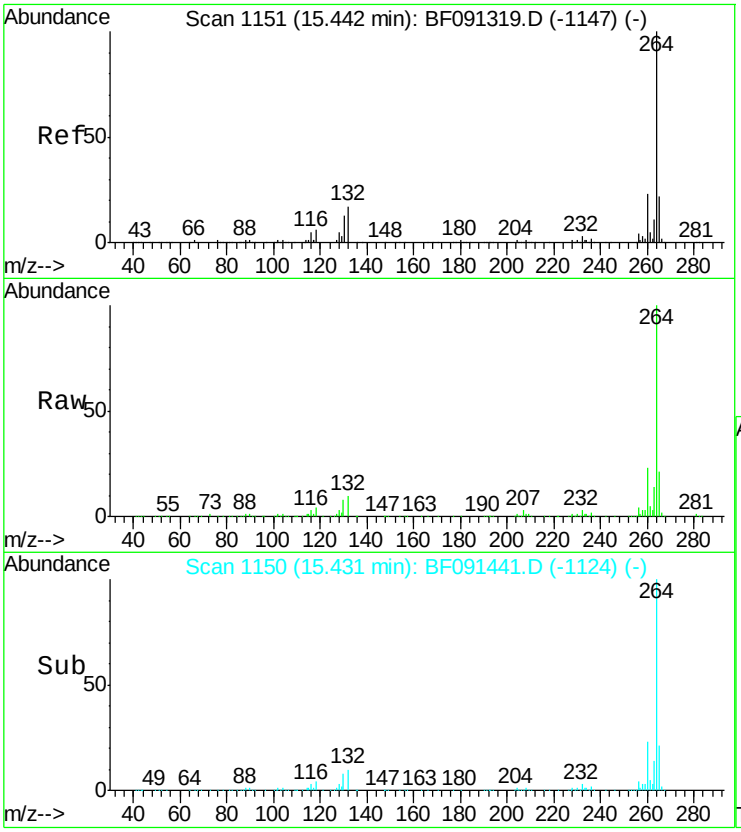


#78
Terphenyl-d14
Concen: 111.14 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Tgt Ion:244 Resp: 1815964

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	9.8	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091441.D
Acq: 6 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion:264 Resp: 271710

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.2	17.0	25.6