Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087895.D
Acq On : 11 Jun 2016 1:58
Operator : UM/SJ
Sample : H3440-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-17

Quant Time: Jun 11 03:44:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	99137	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	374949	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	140651	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	245843	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	208176	20.00	ng		-0.03
86) Perylene-d12	15.36	264	151010	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	398539	68.73	ng		-0.02
7) Phenol-d6	6.44	99	329068	46.82	ng		-0.03
23) Nitrobenzene-d5	7.38	82	594027	92.51	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	161432	108.70	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	910928	102.91	ng		-0.03
78) Terphenyl-d14	12.91	244	782506	85.54	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	14291	2.86	ng	#	73
10) Phenol	6.46	94	926	Below Cal		#	29
18) Hexachloroethane	7.38	117	87783	33.35	ng	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	78806	17.53	ng	#	70
24) Nitrobenzene	7.36	77	13419	2.16	ng	#	16
45) 1,1'-Biphenyl	9.18	154	1801	Below Cal		#	1
50) 2,6-Dinitrotoluene	9.85	165	18435	7.90	ng	#	41
56) 2,4-Dinitrotoluene	9.85	165	18437	6.15	ng	#	39
57) Fluorene	10.39	166	1370	Below Cal		#	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	517	2.48	ng	#	22
66) 4-Bromophenyl-phenylether	10.64	248	10204	3.87	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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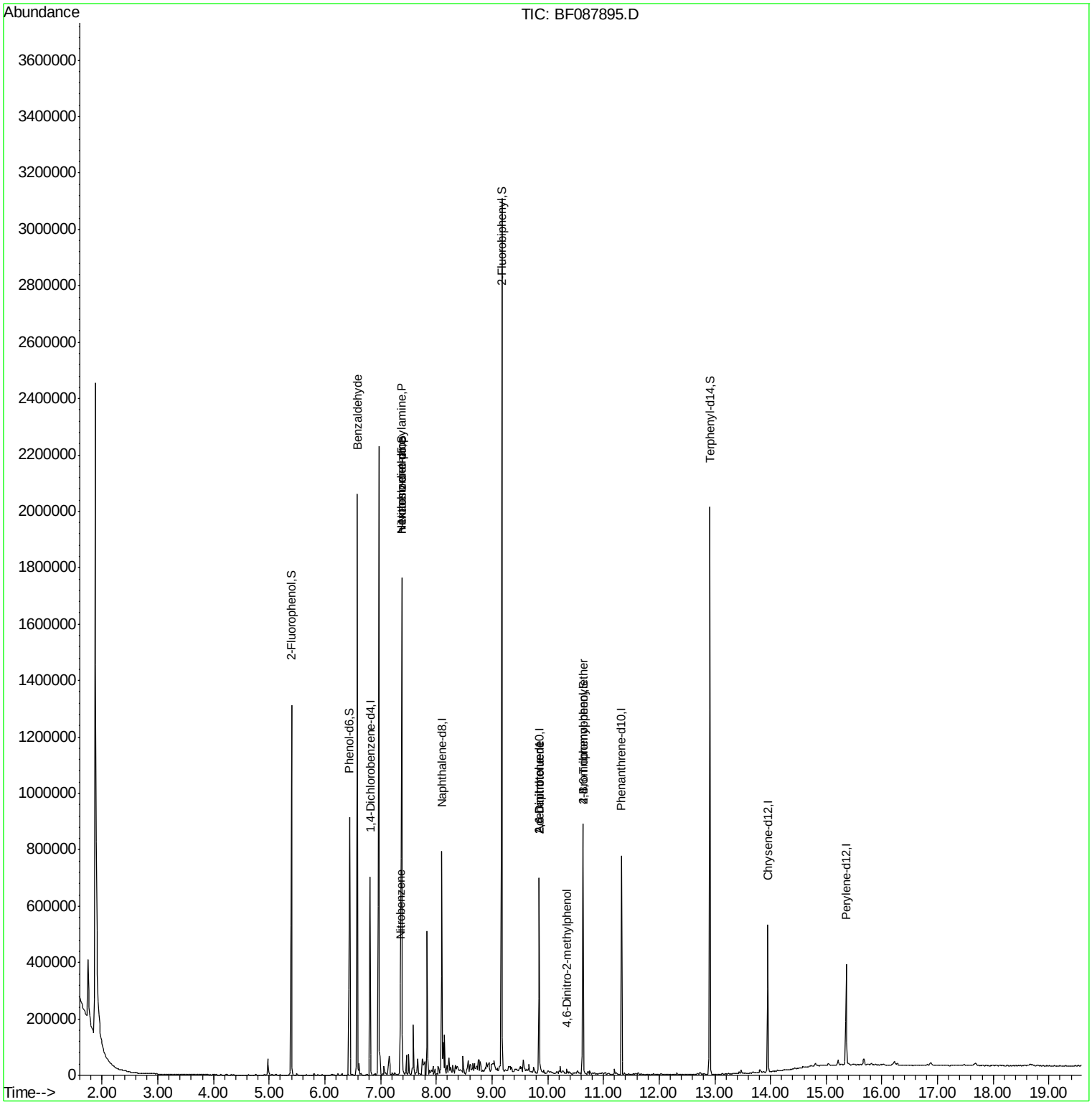
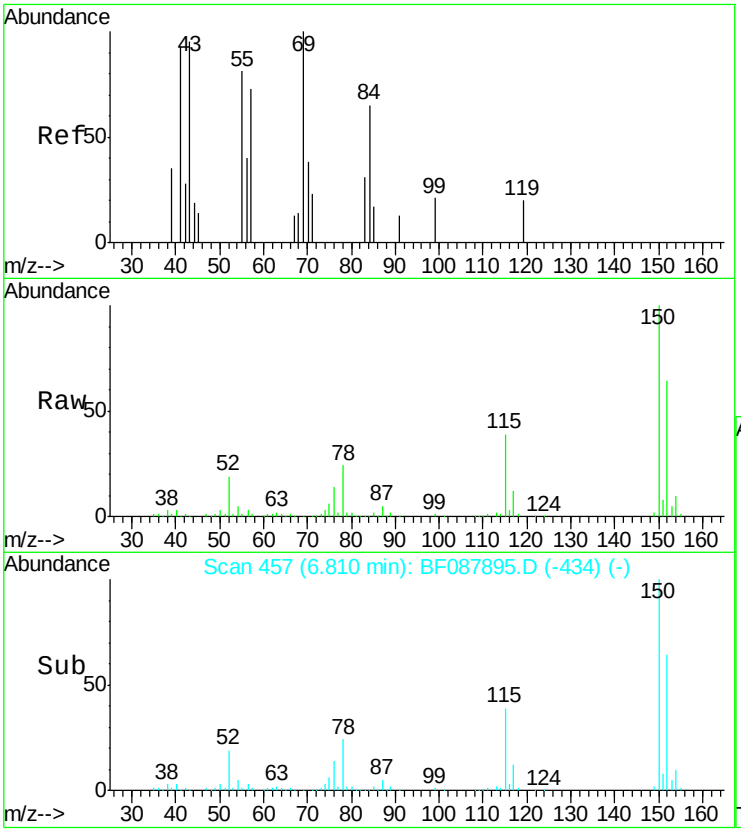


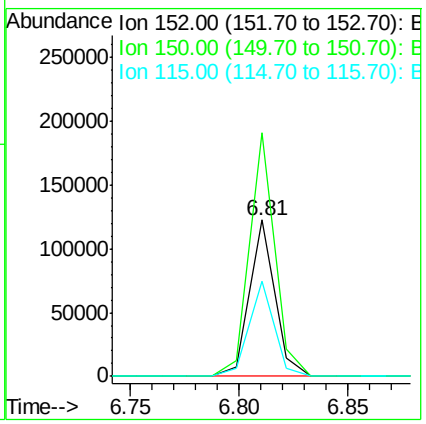


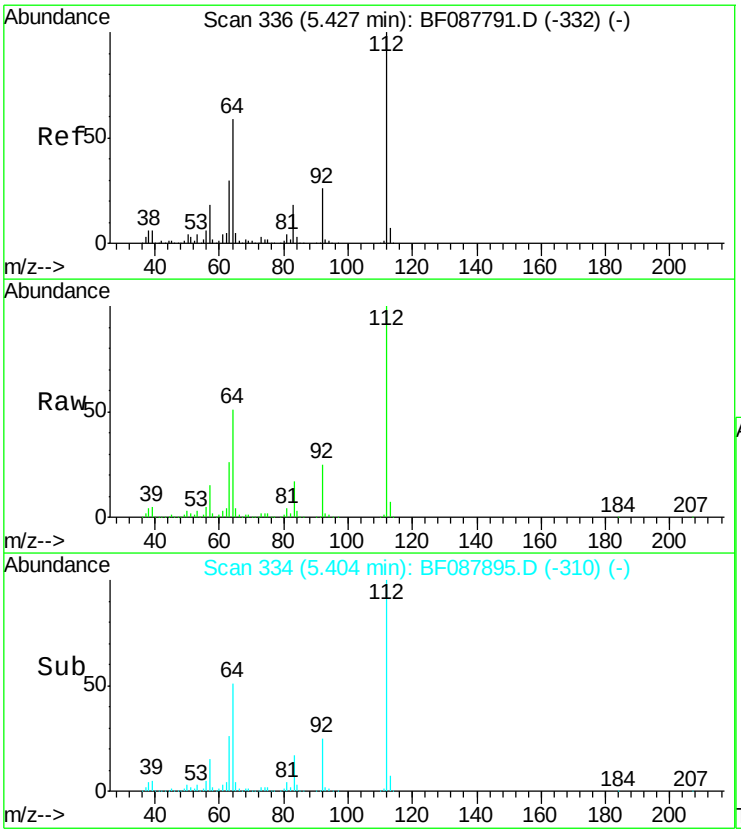
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:152 Resp: 99137

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	60.9	39.6	59.4#

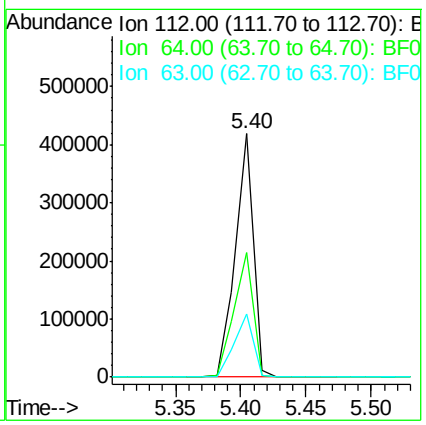


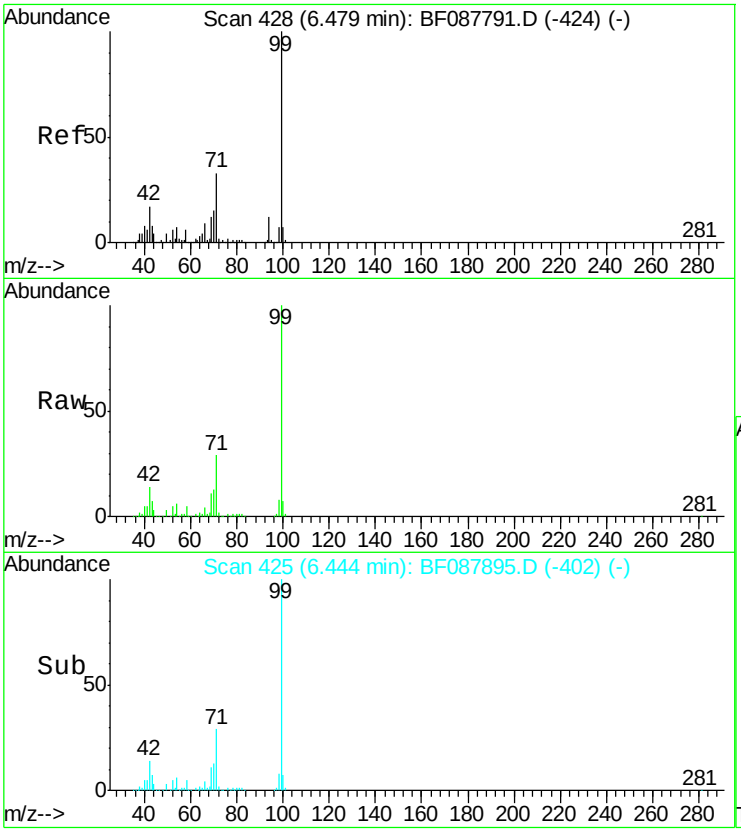


#5
2-Fluorophenol
Concen: 68.73 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:112 Resp: 398539

Ion	Ratio	Lower	Upper
112	100		
64	51.3	42.2	63.2
63	26.1	21.8	32.8



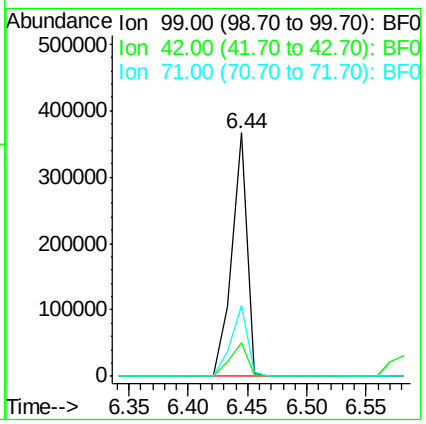


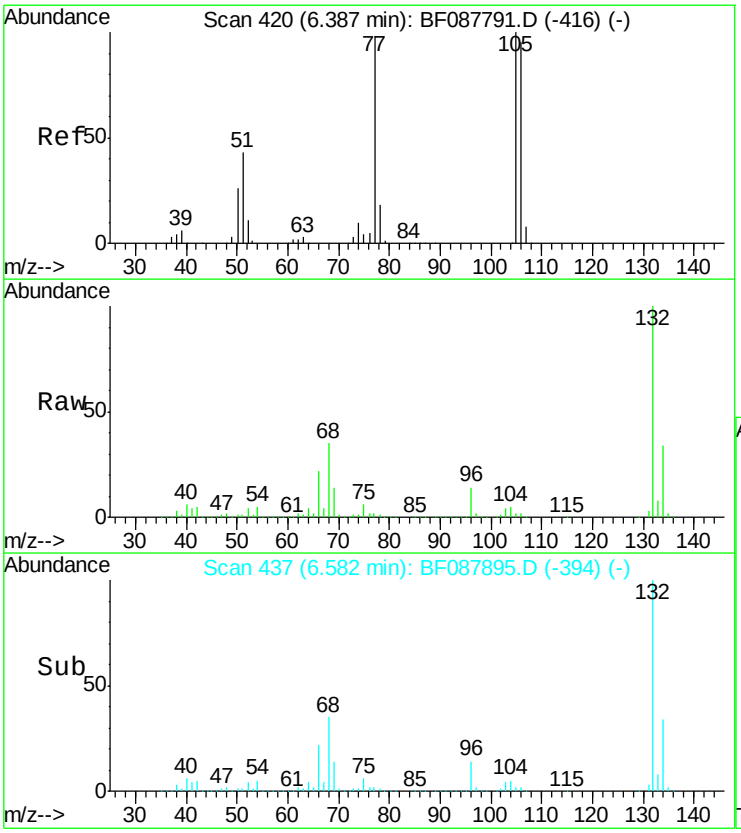
#7
Phenol-d6
Concen: 46.82 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion: 99 Resp: 329068

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.2	18.2
71	29.3	23.4	35.0

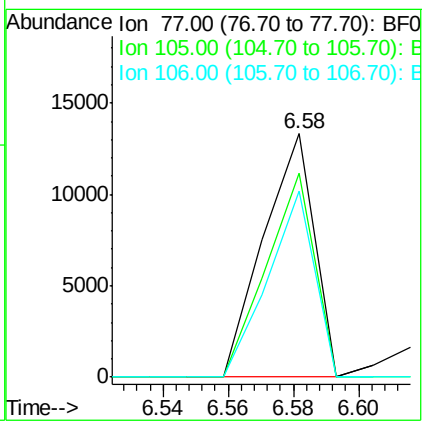


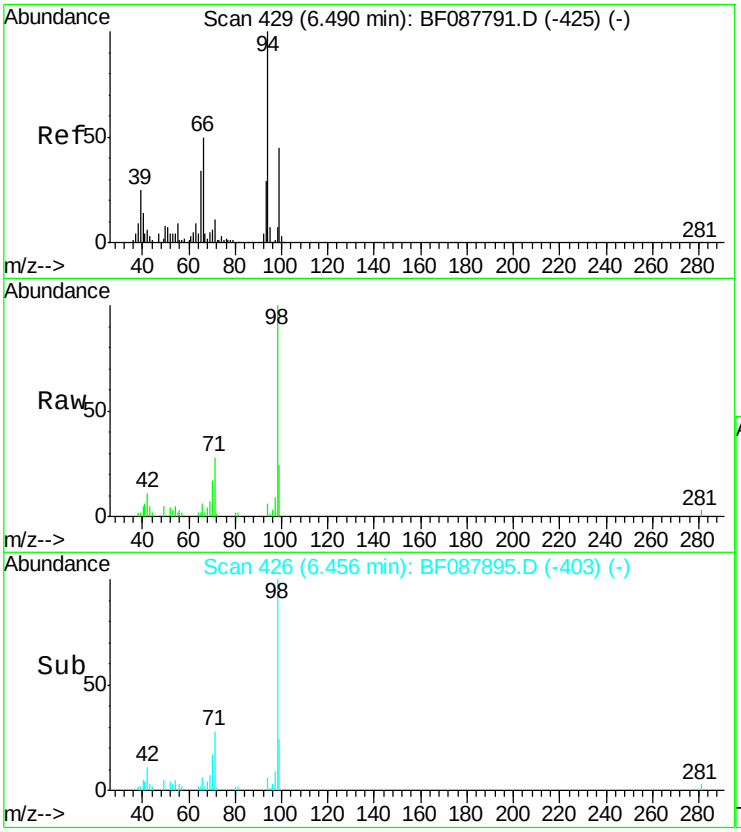


#9
Benzaldehyde
Concen: 2.86 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.19 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion: 77 Resp: 14291

Ion	Ratio	Lower	Upper
77	100		
105	83.8	90.6	130.6#
106	76.5	85.3	125.3#



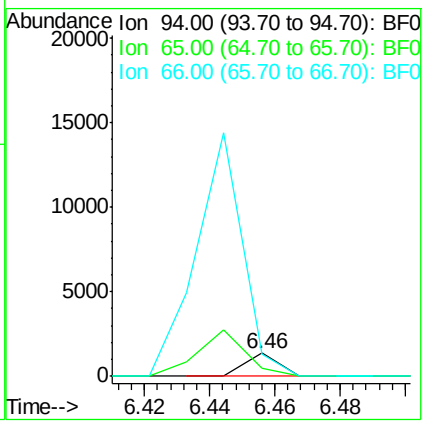


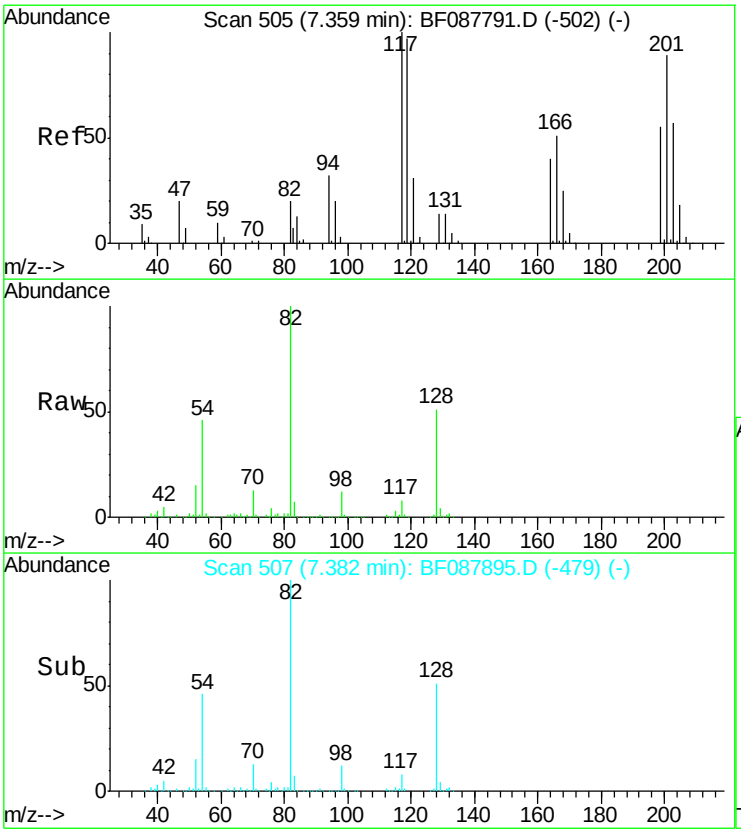
#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion: 94 Resp: 926

Ion	Ratio	Lower	Upper
94	100		
65	37.6	5.9	45.9
66	96.0	14.0	54.0#

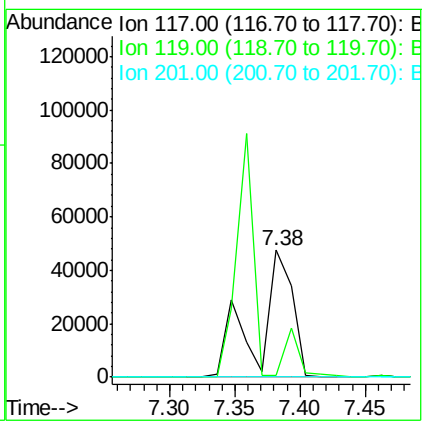


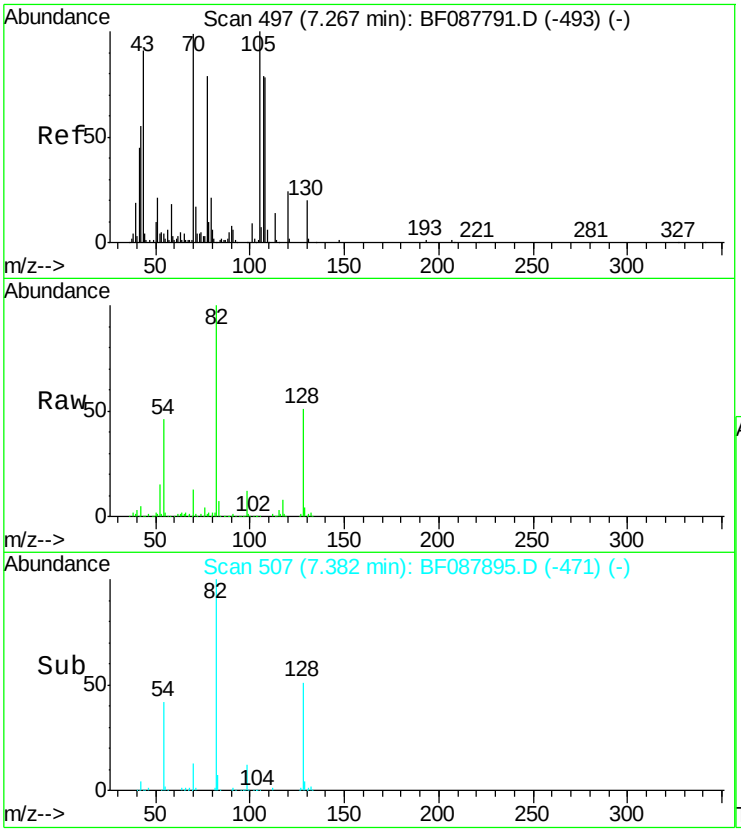


#18
Hexachloroethane
Concen: 33.35 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.02 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:117 Resp: 87783

Ion	Ratio	Lower	Upper
117	100		
119	1.6	77.4	116.2#
201	0.0	80.4	120.6#



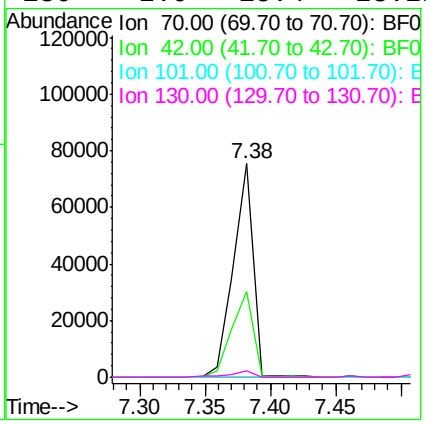


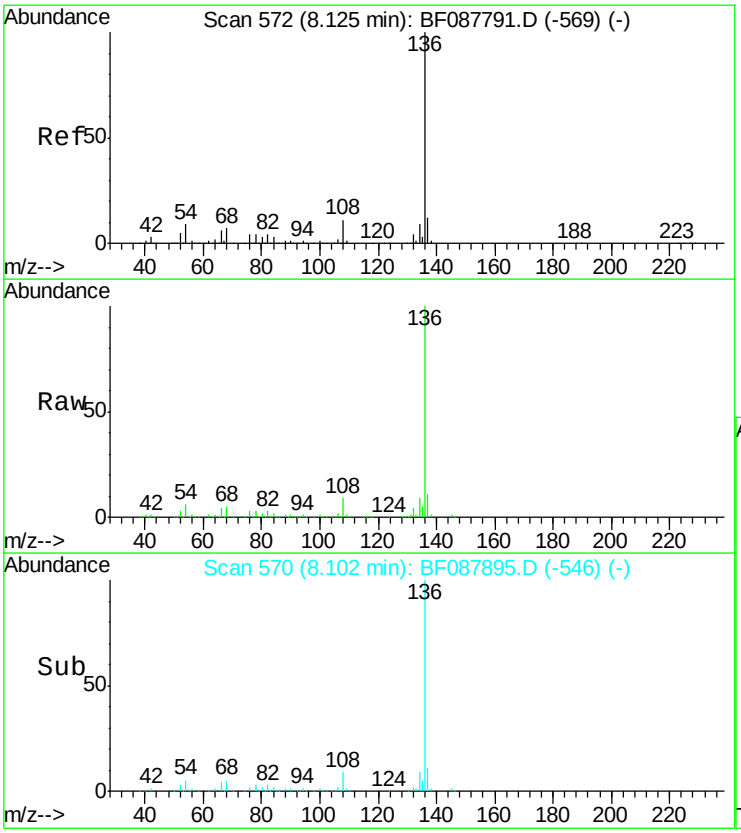
#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion: 70 Resp: 78806

Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#

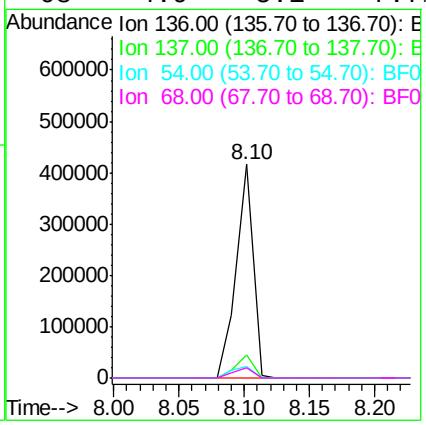


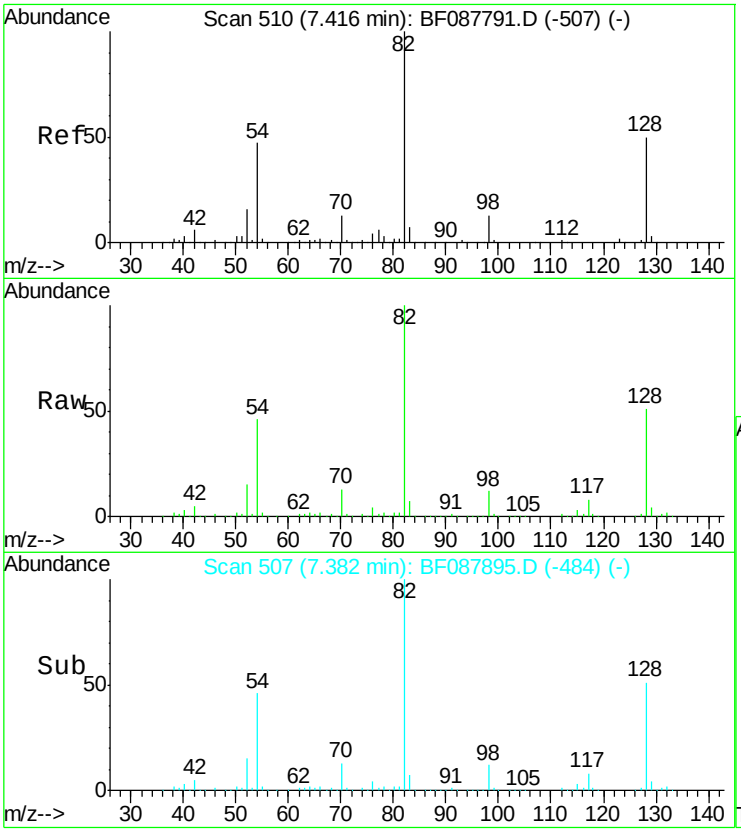


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:136 Resp: 374949

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	6.6	10.0#
68	4.9	5.1	7.7#



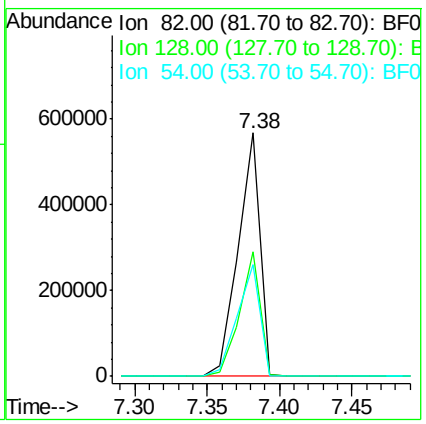


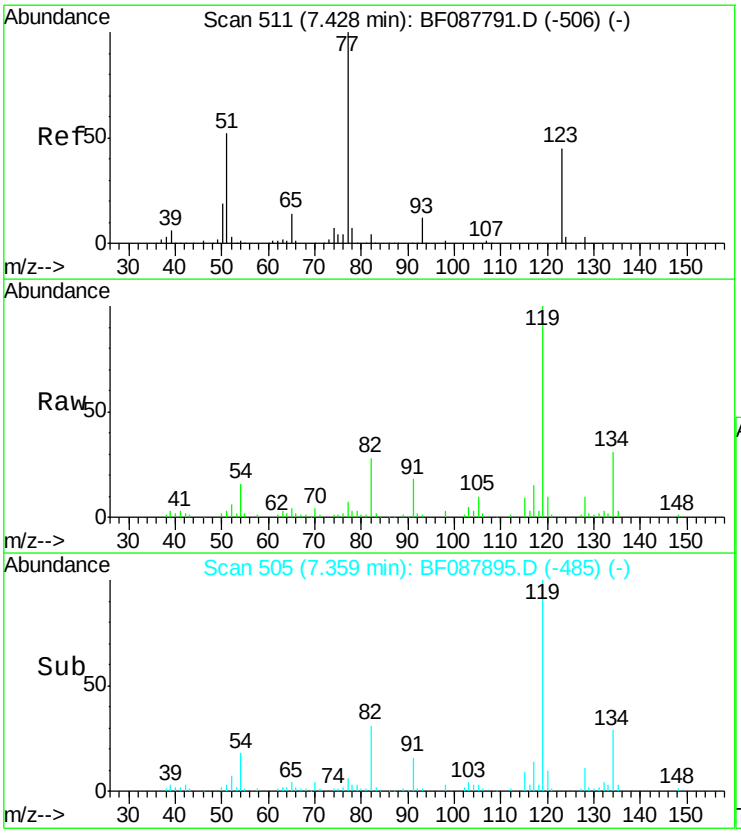
#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion: 82 Resp: 594027

Ion	Ratio	Lower	Upper
82	100		
128	51.0	35.9	53.9
54	45.9	40.9	61.3

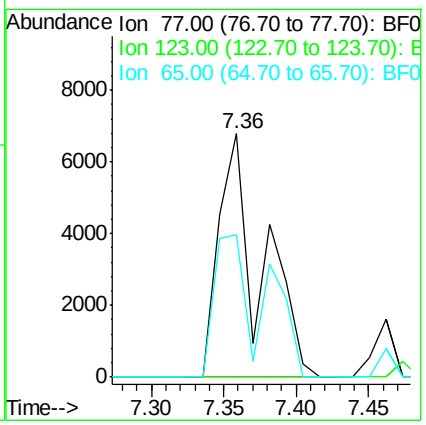


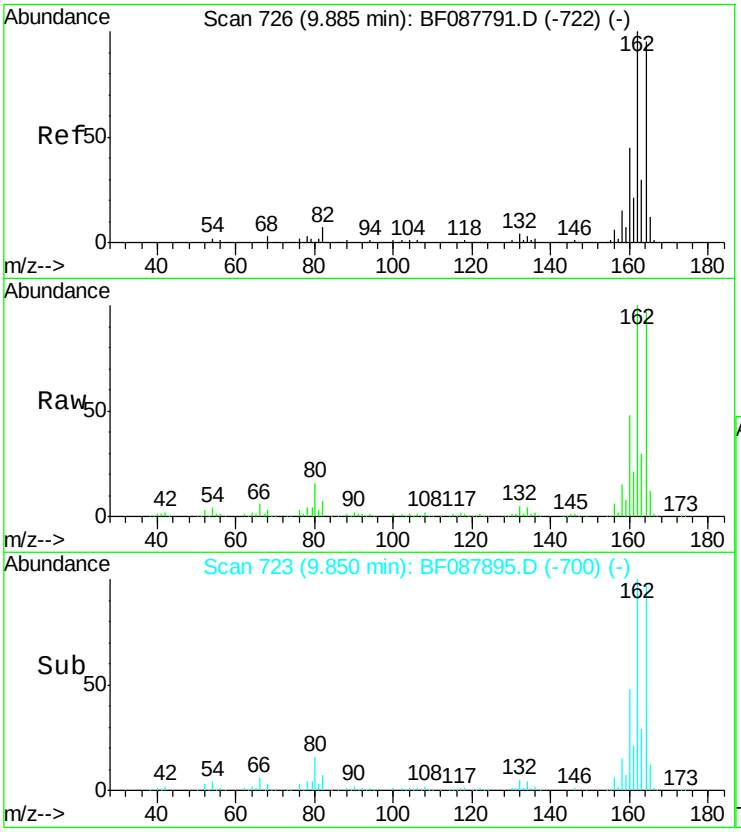


#24
Nitrobenzene
Concen: 2.16 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion: 77 Resp: 13419

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	58.4	10.2	15.2#



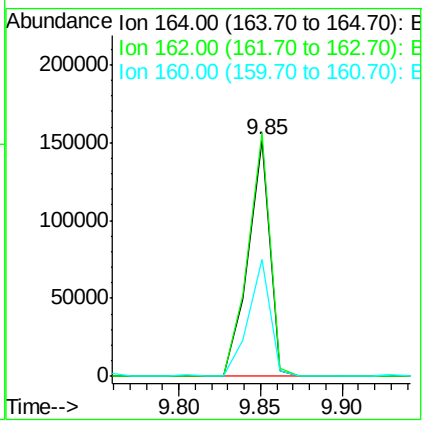


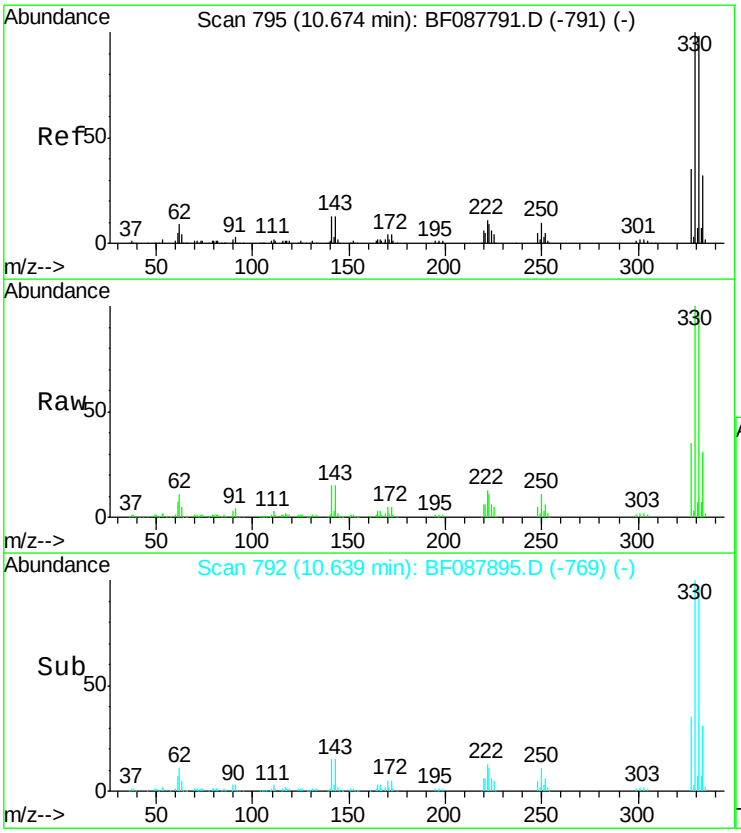
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:164 Resp: 140651

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.4	128.2
160	49.8	39.5	59.3

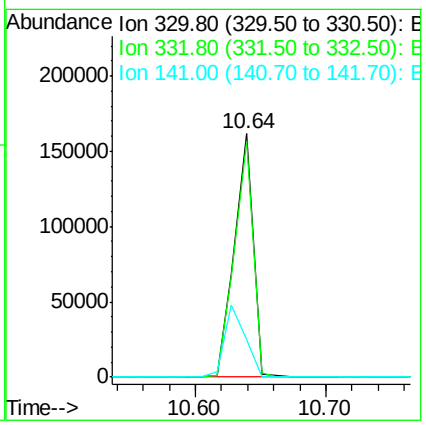


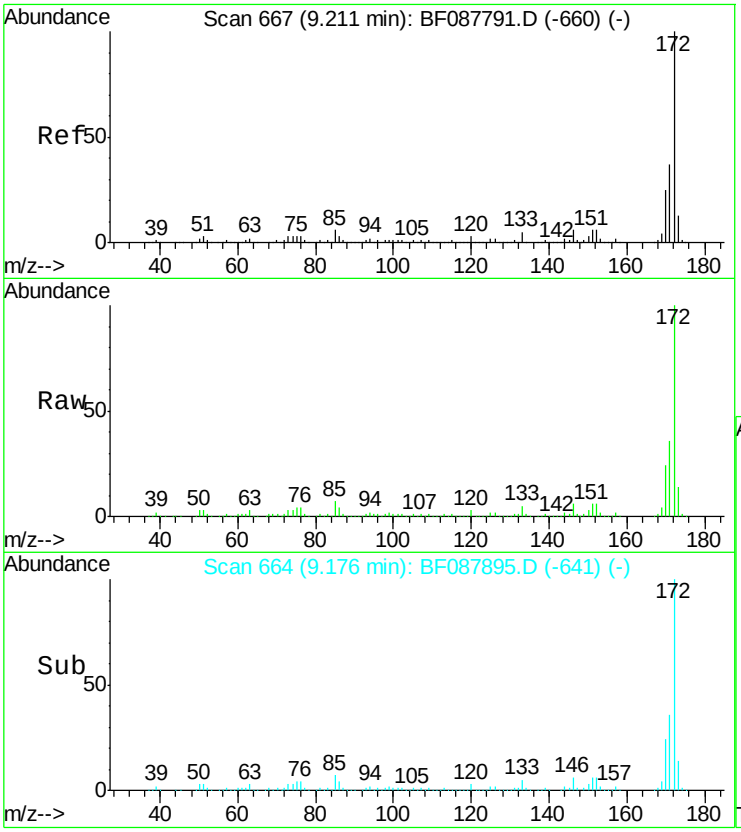


#41
2,4,6-Tribromophenol
Concen: 108.70 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:330 Resp: 161432

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	32.9	0.0	0.0#



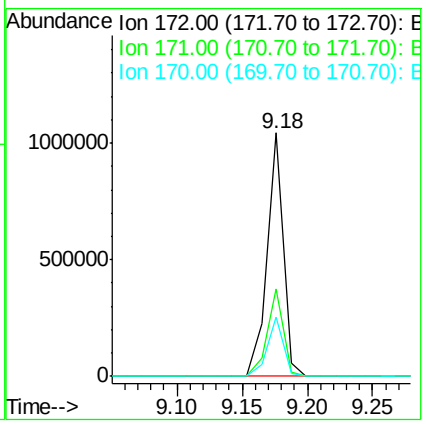


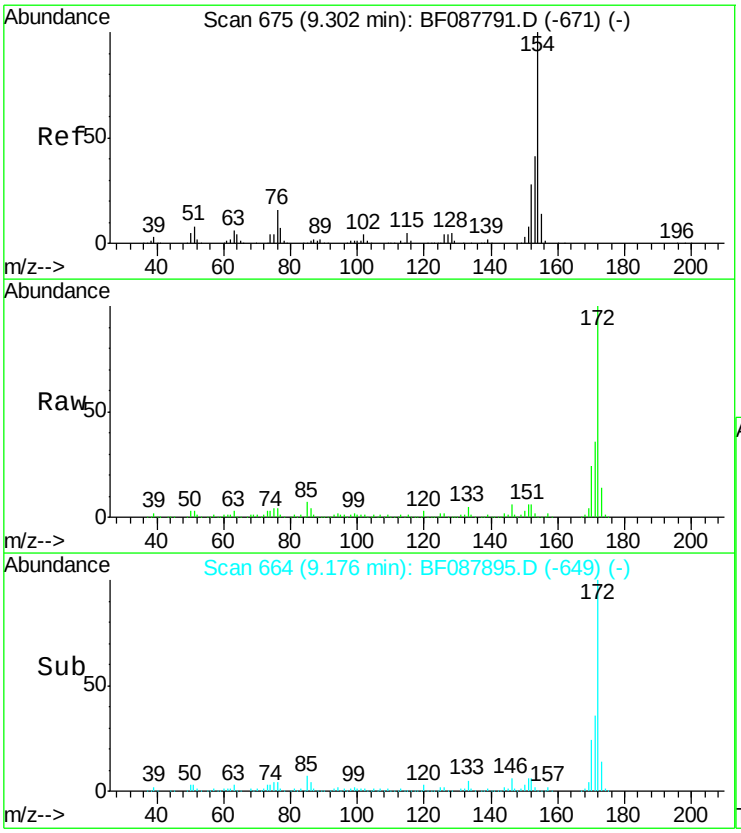
#44
2-Fluorobiphenyl
Concen: 102.91 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:172 Resp: 910928

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.4	19.2	28.8

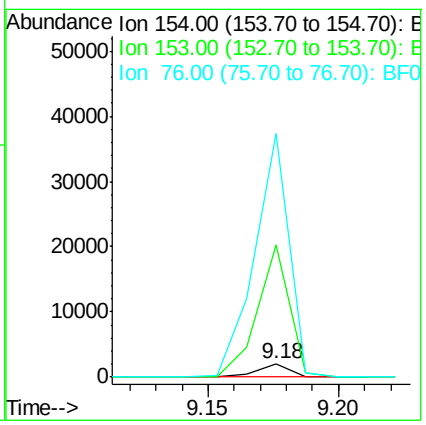


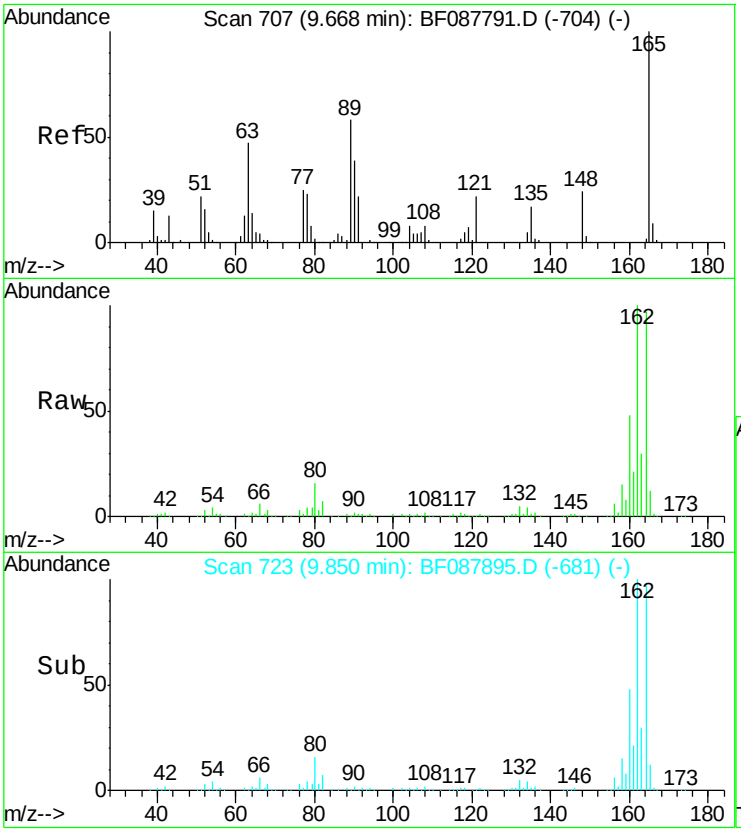


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.12 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:154 Resp: 1801

Ion	Ratio	Lower	Upper
154	100		
153	954.7	20.6	60.6#
76	1761.9	0.0	35.1#



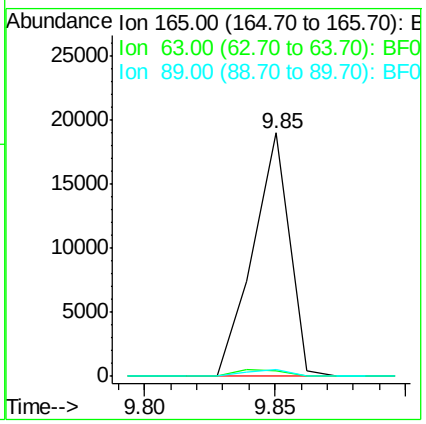


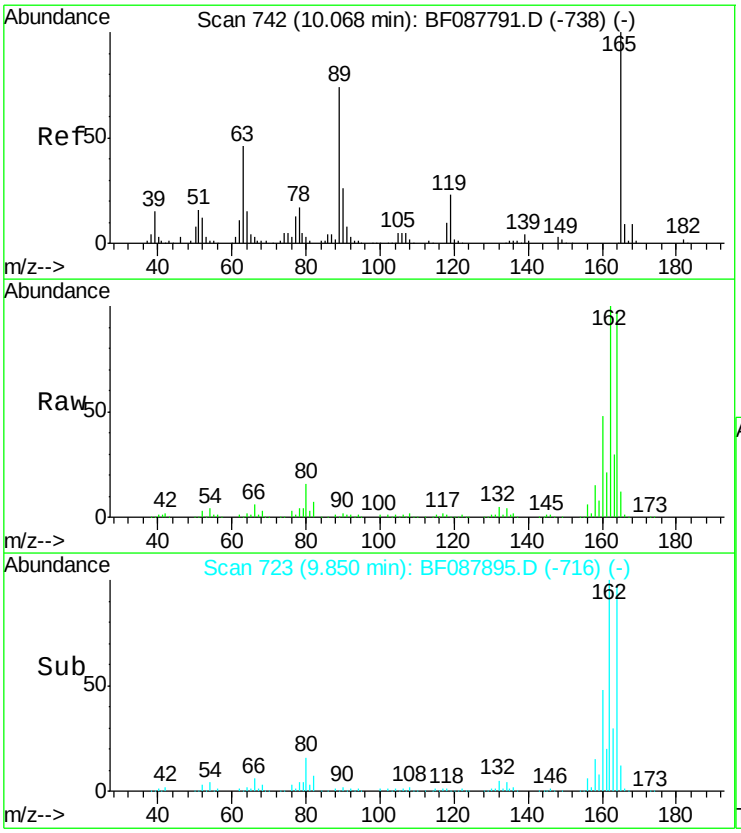
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:165 Resp: 18435

Ion	Ratio	Lower	Upper
165	100		
63	2.4	28.1	42.1#
89	2.5	32.2	48.2#

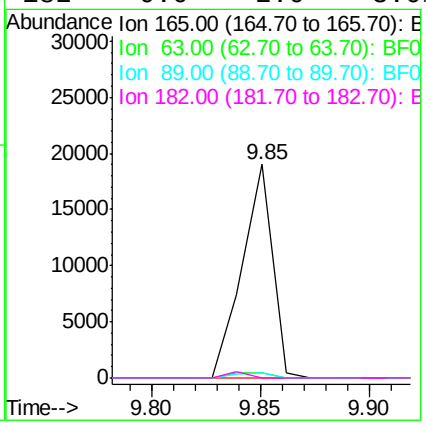


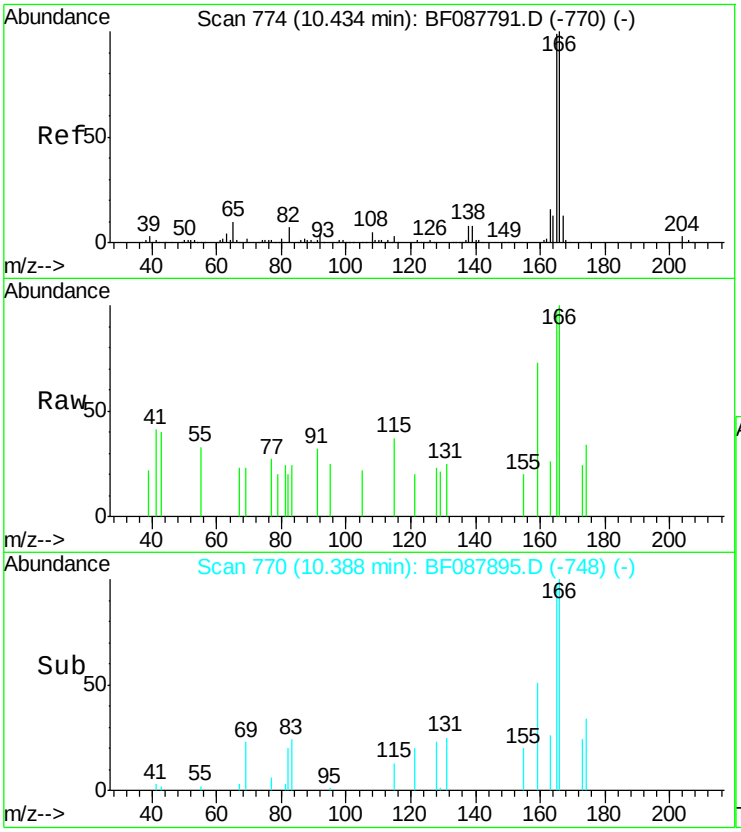


#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:165 Resp: 18437

Ion	Ratio	Lower	Upper
165	100		
63	2.4	22.0	33.0#
89	2.5	41.1	61.7#
182	0.0	2.0	3.0#



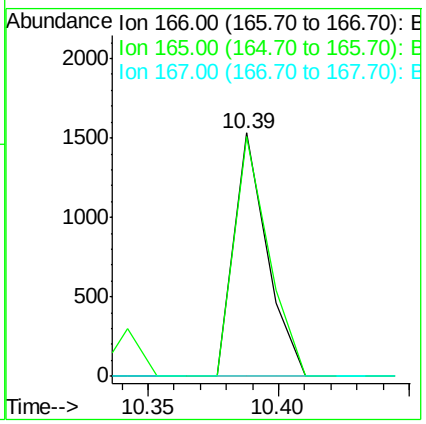


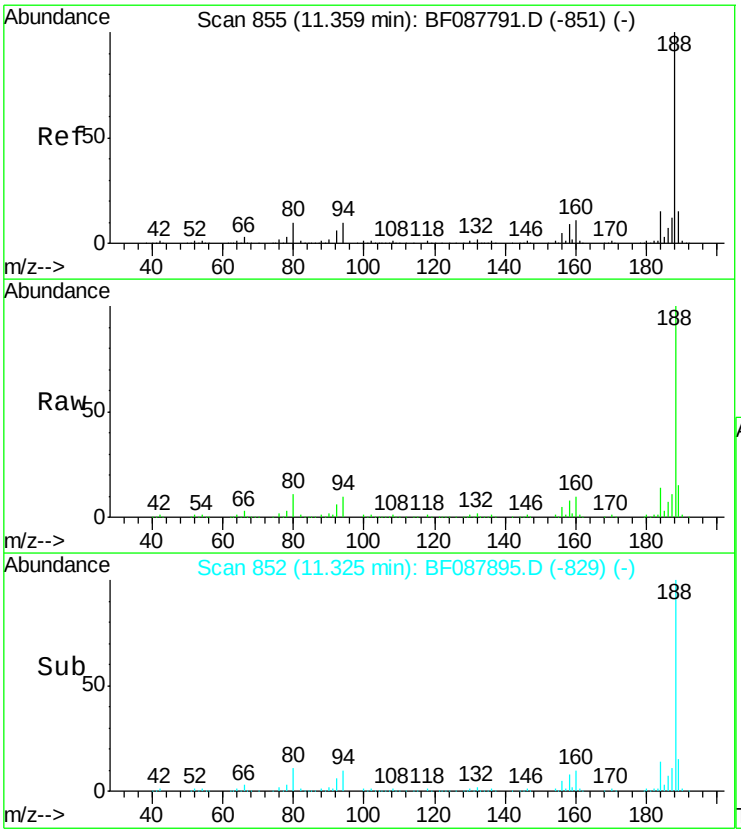
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:166 Resp: 1370

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	0.0	11.2	16.8#

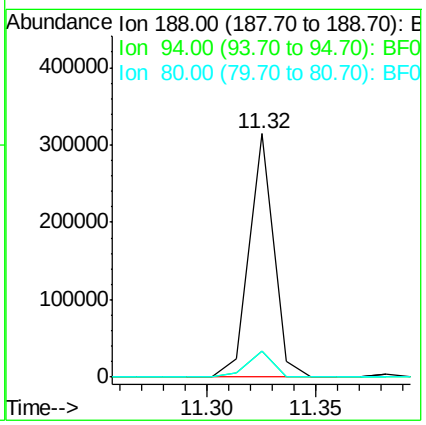


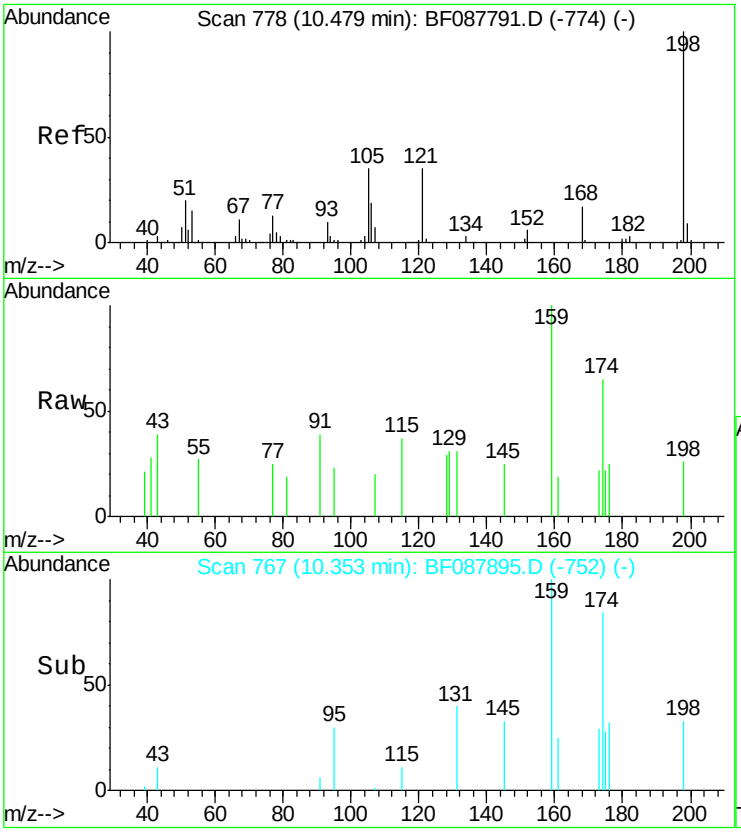


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:188 Resp: 245843

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.6
80	10.8	10.0	15.0



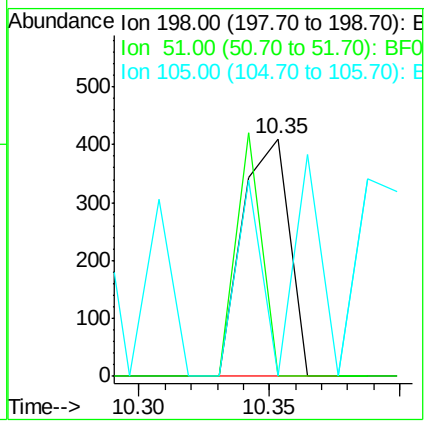


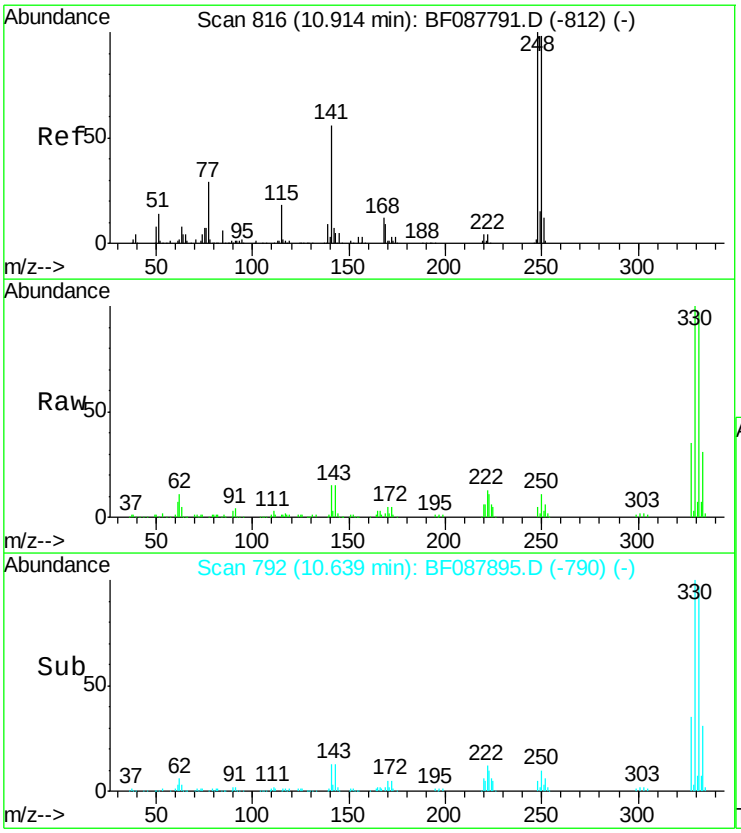
#64
4,6-Dinitro-2-methylphenol
Concen: 2.48 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.13 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:198 Resp: 517

Ion	Ratio	Lower	Upper
198	100		
51	0.0	39.6	79.6#
105	0.0	36.6	76.6#

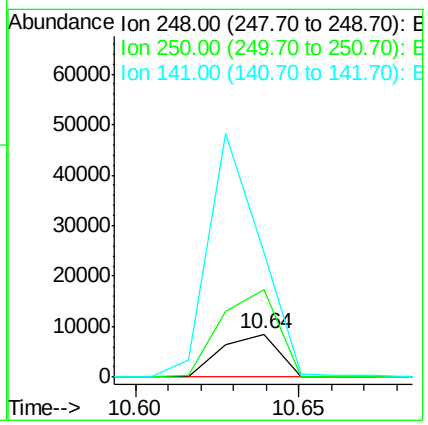


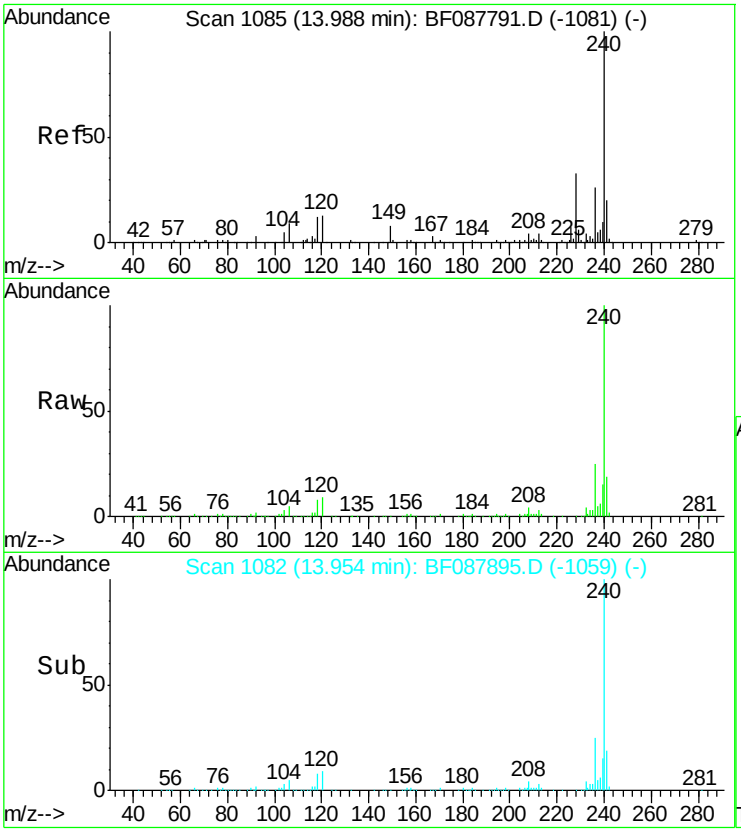


#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:248 Resp: 10204

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.1	115.7#
141	287.3	50.6	76.0#



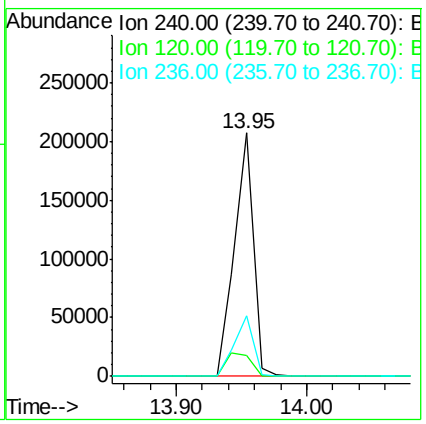


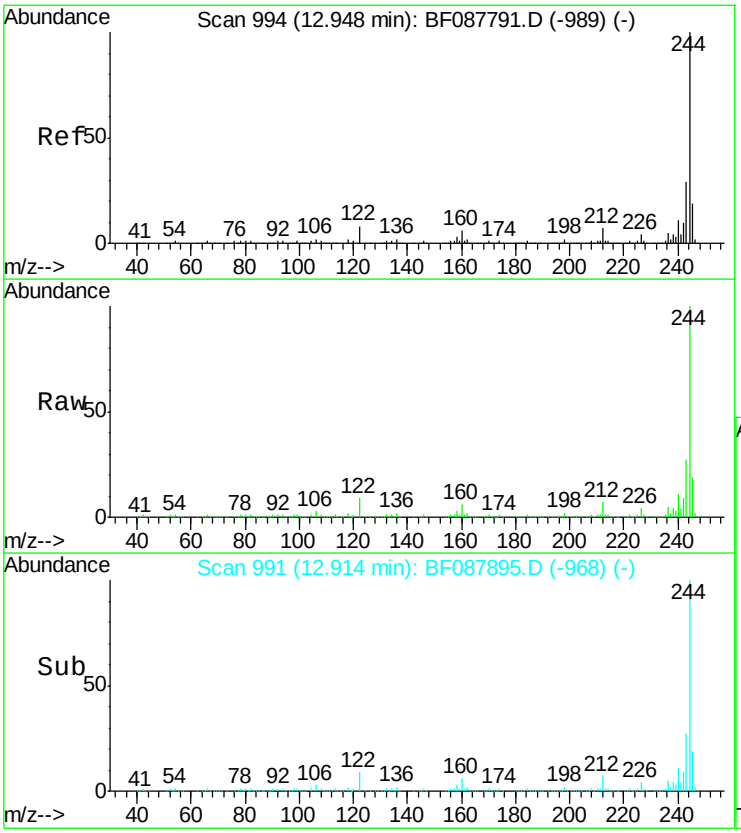
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:240 Resp: 208176

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	25.0	20.2	30.2

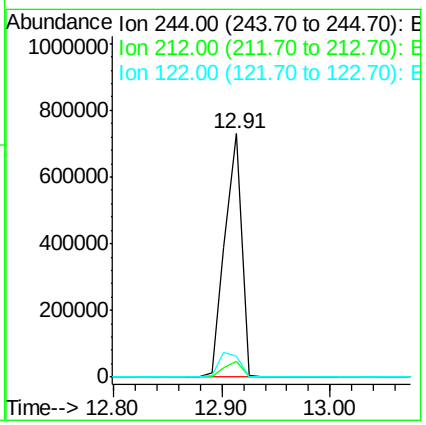


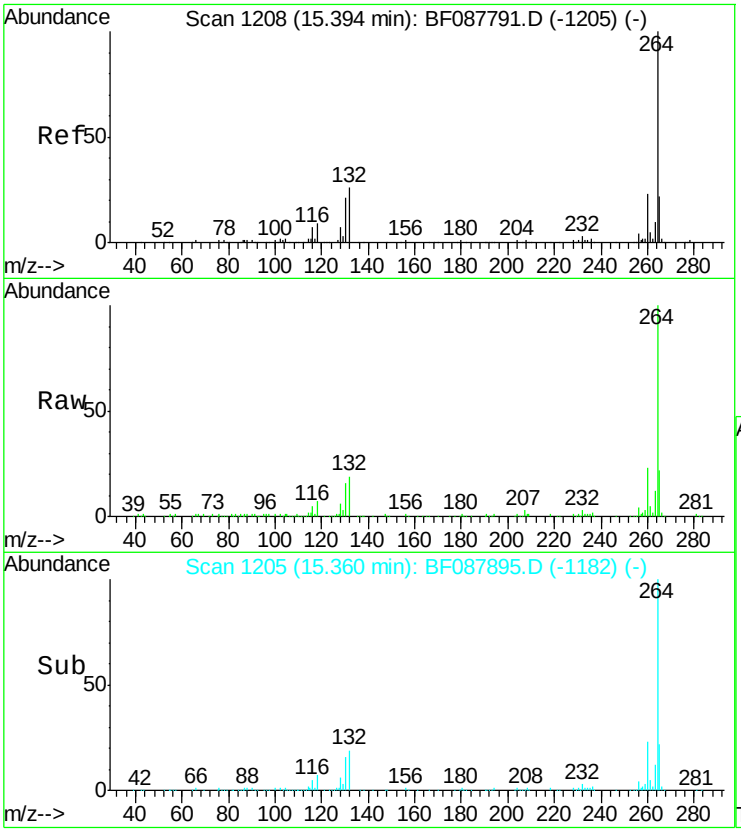


#78
Terphenyl-d14
Concen: 85.54 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Tgt Ion:244 Resp: 782506

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	8.7	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087895.D
Acq: 11 Jun 2016 1:58

Instrument :
BNA_F
ClientSampleId :
W-17

Tgt Ion:264 Resp: 151010

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.9	25.3