Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
Data File : BF090664.D
Acq On : 19 Oct 2016 22:51
Operator : UM/SJ
Sample : H5317-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101816-09

Quant Time: Oct 20 01:04:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	207587	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	880090	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	457320	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	665776	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	432413	20.00	ng	-0.01
86) Perylene-d12	15.50	264	400895	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1144602	101.08	ng	0.00
7) Phenol-d6	6.52	99	1545534	91.86	ng	-0.01
23) Nitrobenzene-d5	7.45	82	967189	61.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	250505	61.44	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1659147	59.78	ng	-0.01
78) Terphenyl-d14	13.00	244	1235424	66.52	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.22	42	972	7.33	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	109618	9.50	ng	# 81
49) Dimethylphthalate	9.64	163	353407	11.91	ng	99

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

Quantitation Report (Not Reviewed)

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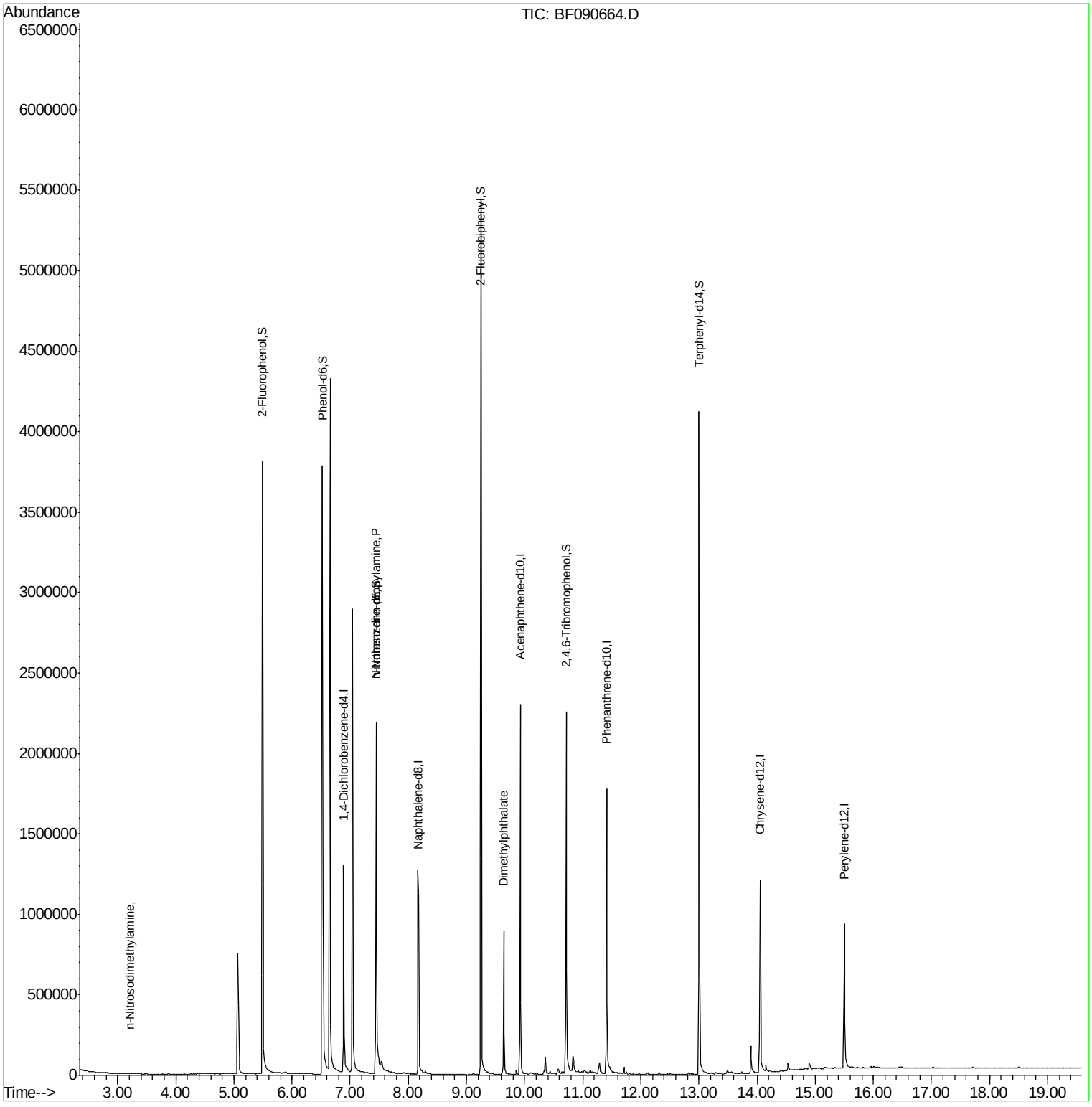
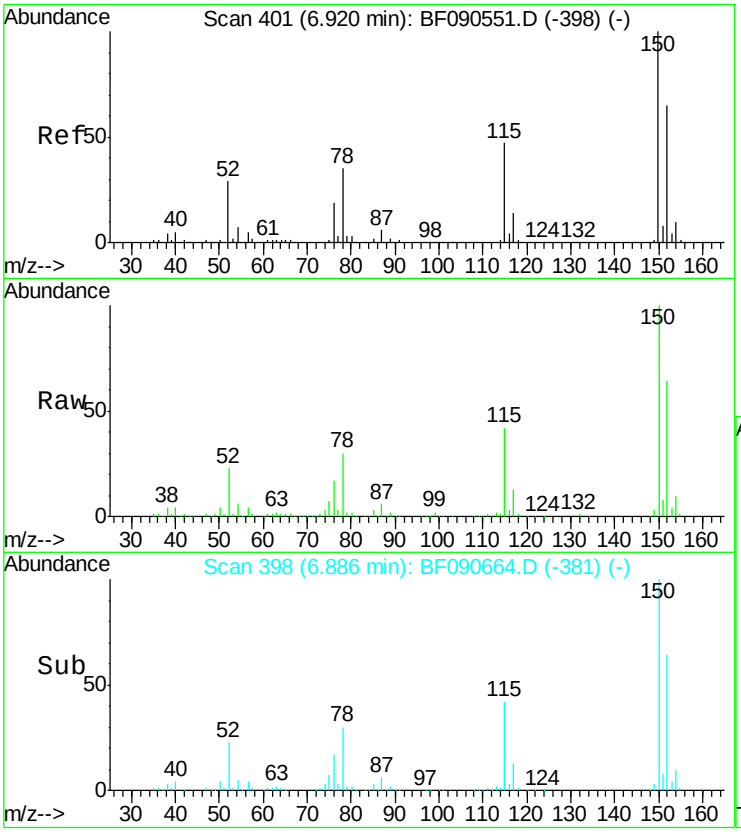


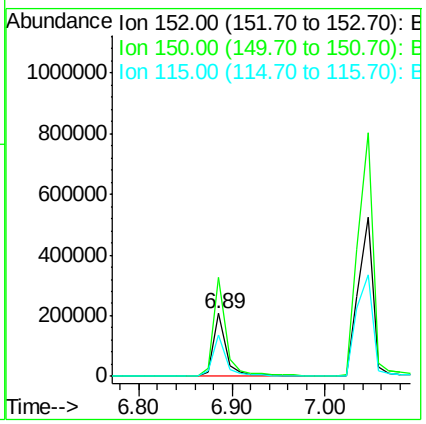


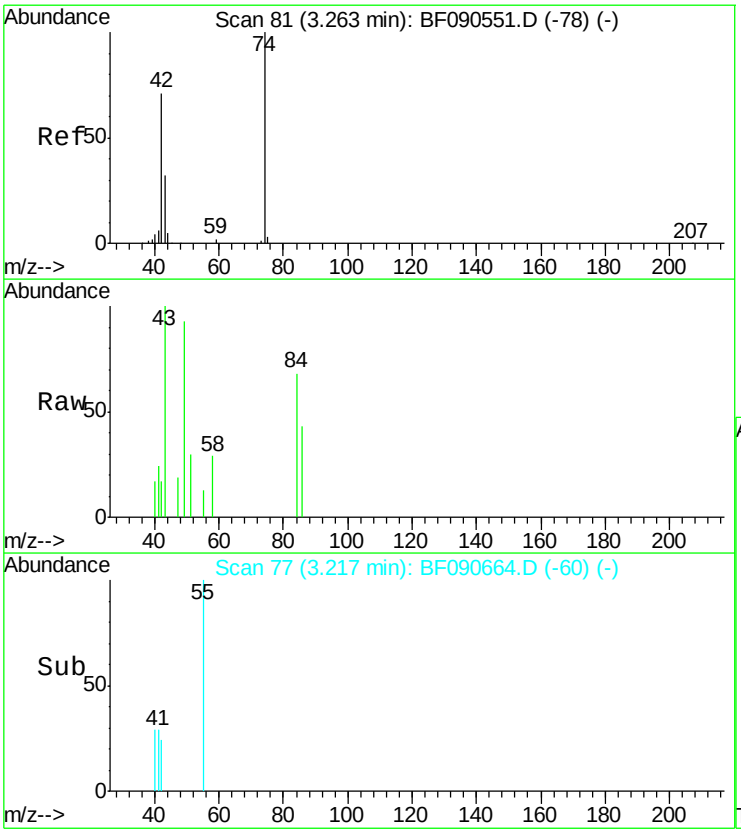
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:152 Resp: 207587

Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.2	190.8
115	65.1	58.6	88.0

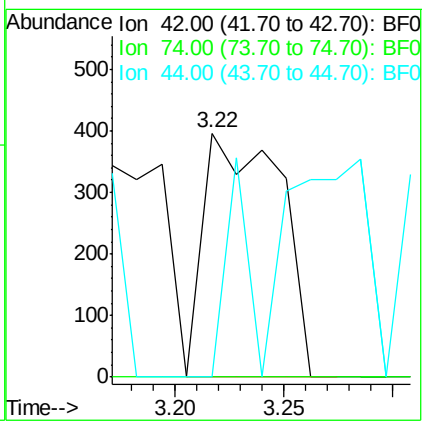


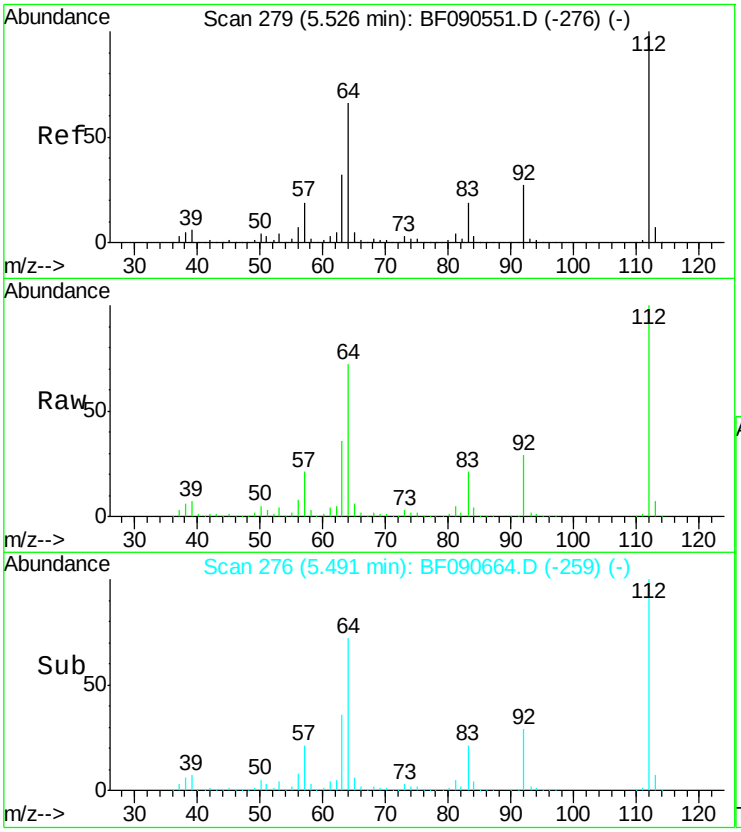


#4
n-Nitrosodimethylamine
Concen: 7.33 ng
RT: 3.22 min Scan# 77
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion: 42 Resp: 972

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.3	169.9#
44	0.0	6.0	9.0#



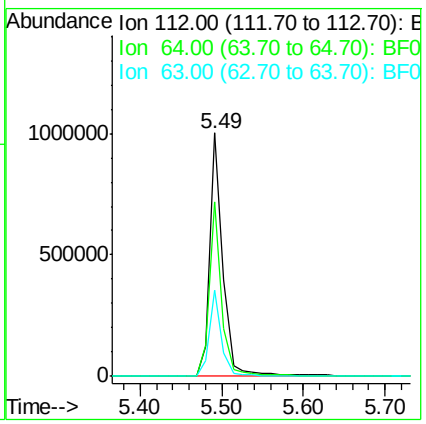


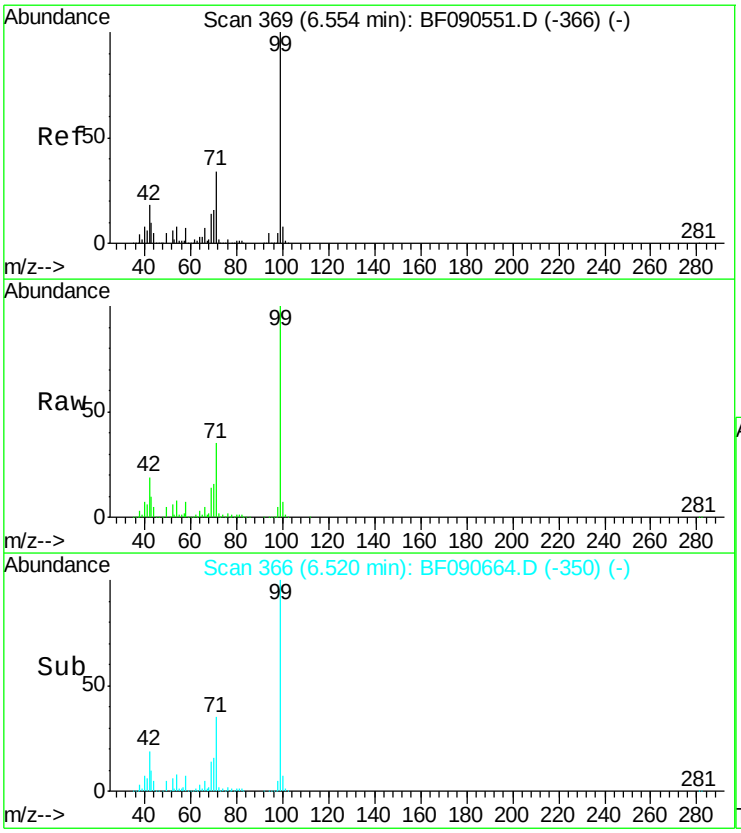
#5
2-Fluorophenol
Concen: 101.08 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:112 Resp: 1144602

Ion	Ratio	Lower	Upper
112	100		
64	71.7	52.6	78.8
63	35.6	26.0	39.0

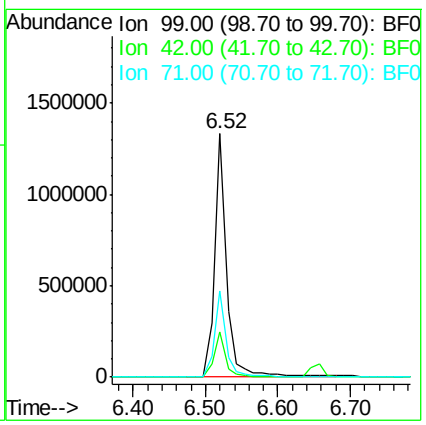


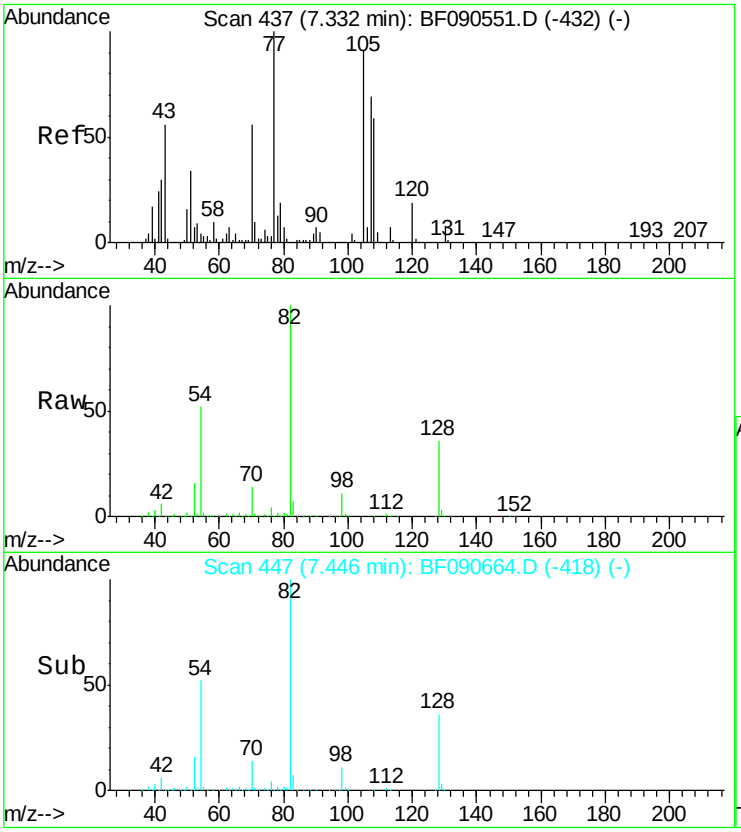


#7
Phenol-d6
Concen: 91.86 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion: 99 Resp: 1545534

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.7	22.1
71	35.3	27.6	41.4



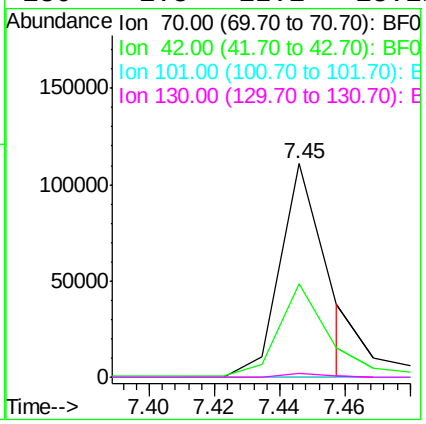


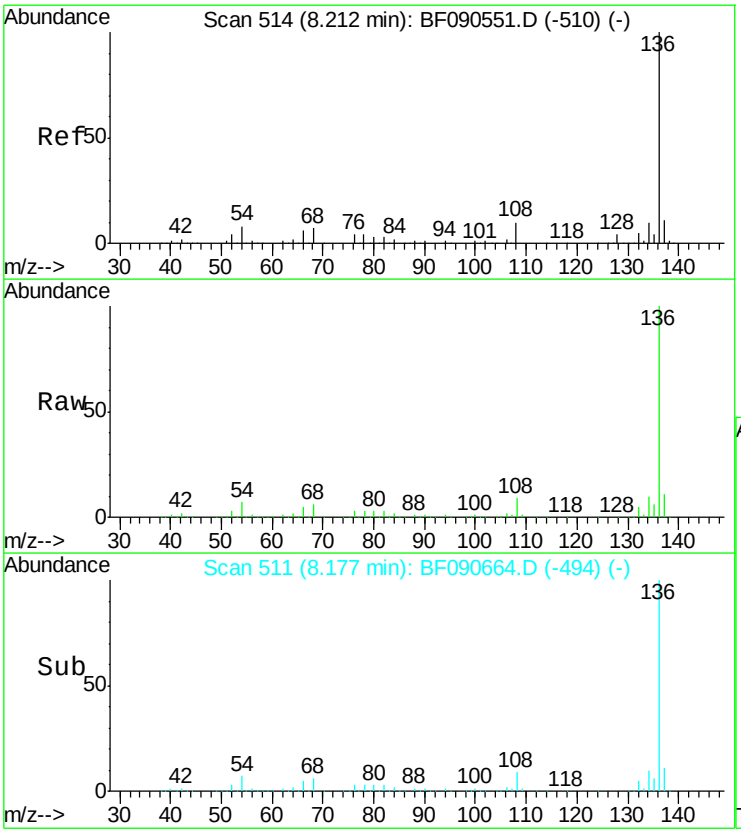
#19
n-Nitroso-di-n-propylamine
Concen: 9.50 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion: 70 Resp: 109618

Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.4	65.0
101	0.0	6.4	9.6#
130	1.8	12.1	18.1#

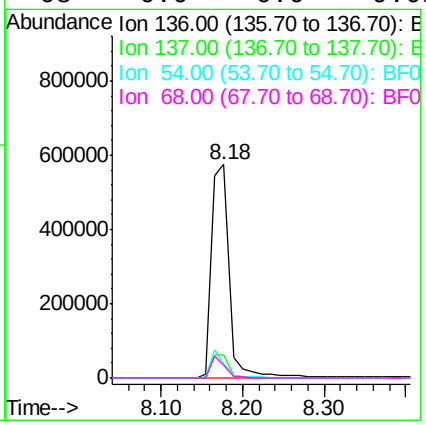


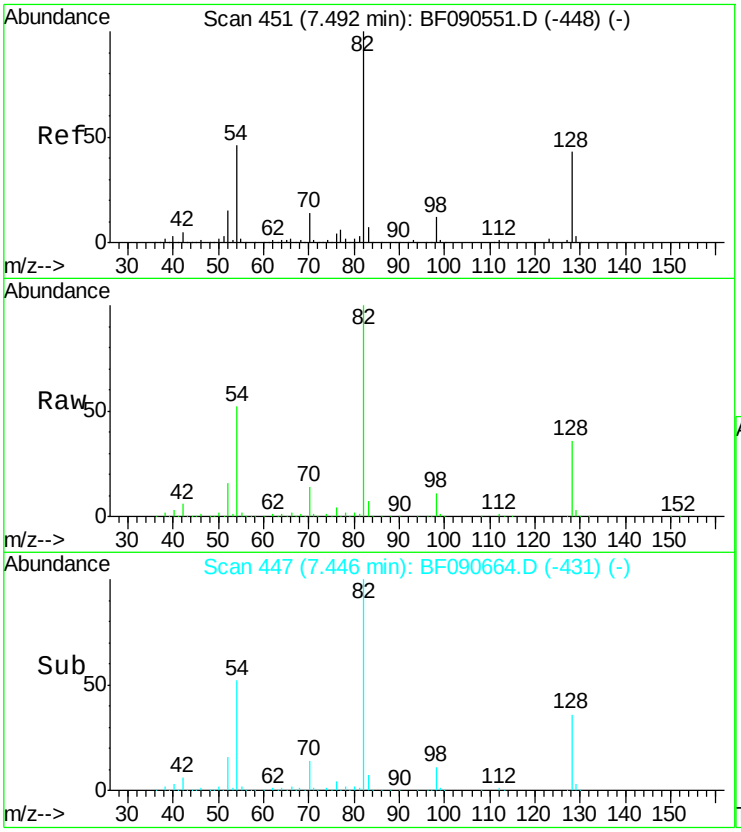


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:136 Resp: 880090

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	6.8	10.2
68	6.0	6.0	9.0#



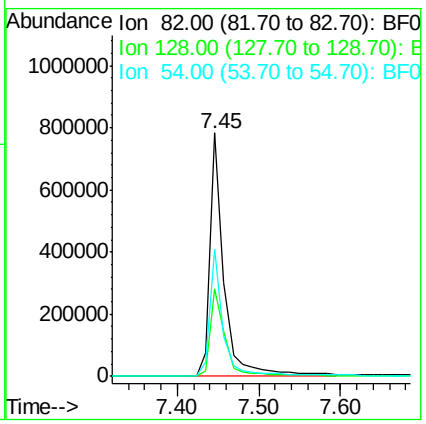


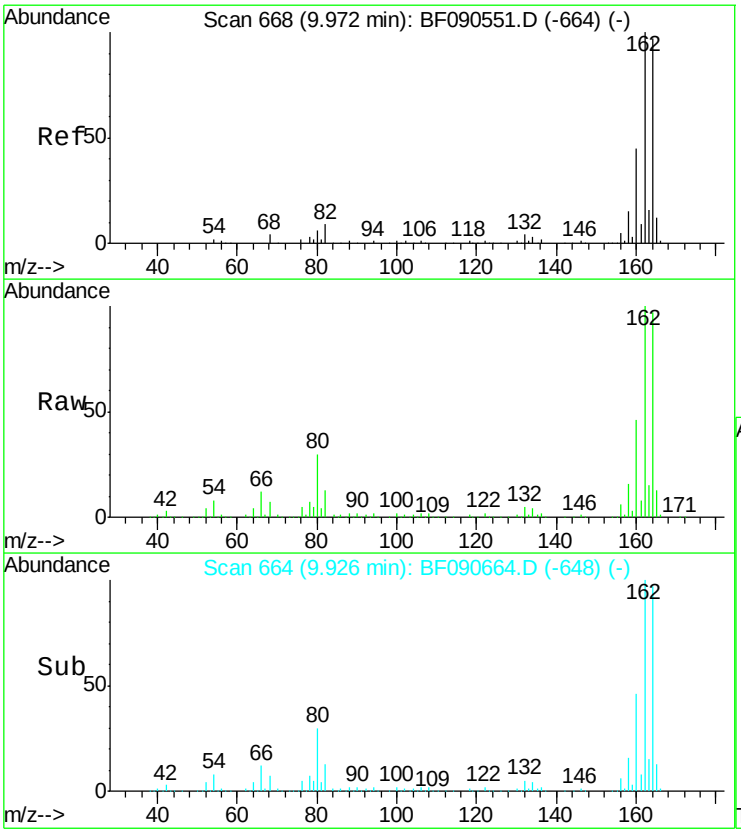
#23
Nitrobenzene-d5
Concen: 61.05 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion: 82 Resp: 967189

Ion	Ratio	Lower	Upper
82	100		
128	35.9	34.3	51.5
54	52.2	37.0	55.6

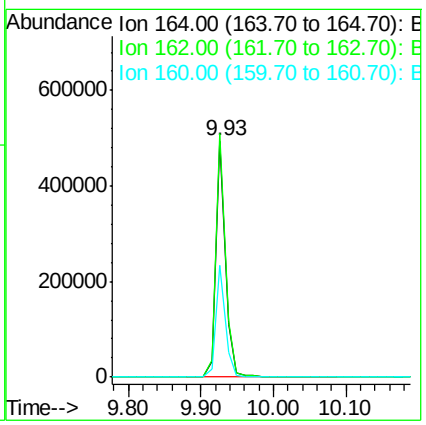


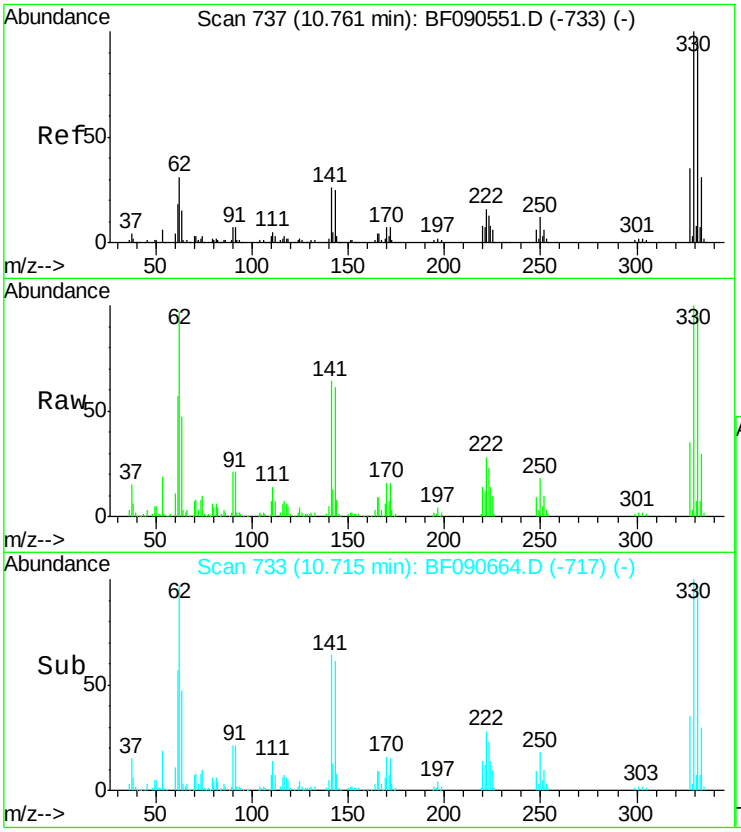


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:164 Resp: 457320

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.4
160	47.4	36.6	55.0



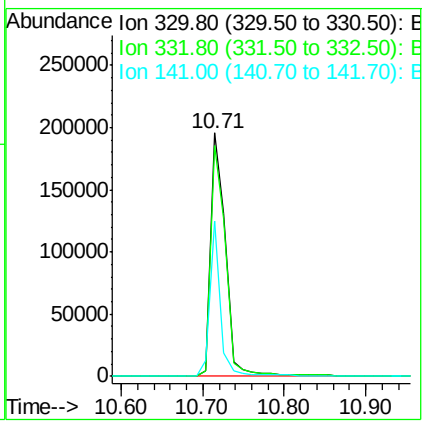


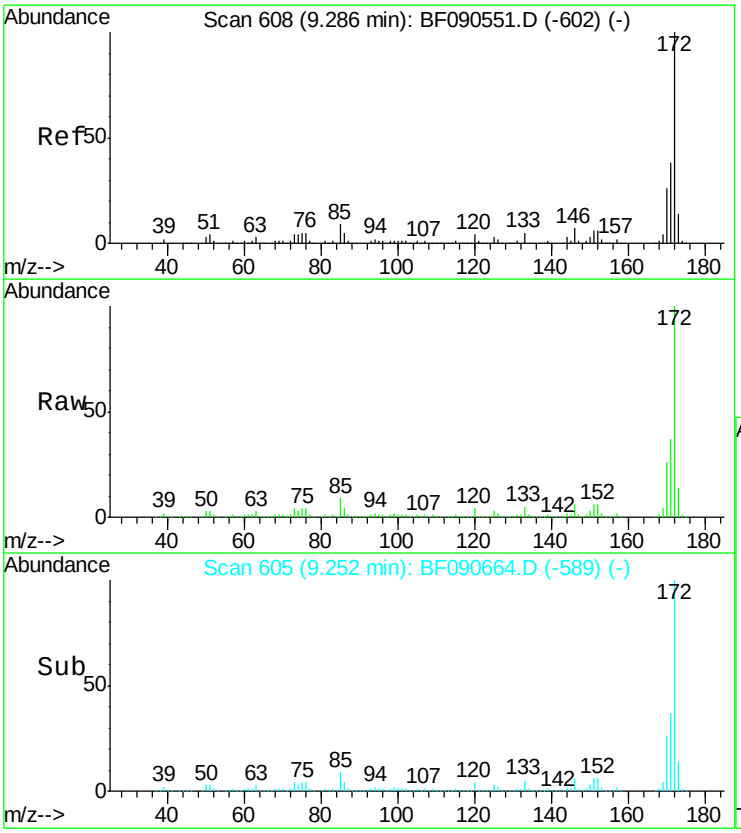
#41
2,4,6-Tribromophenol
Concen: 61.44 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:330 Resp: 250505

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.2
141	47.8	31.4	47.2#

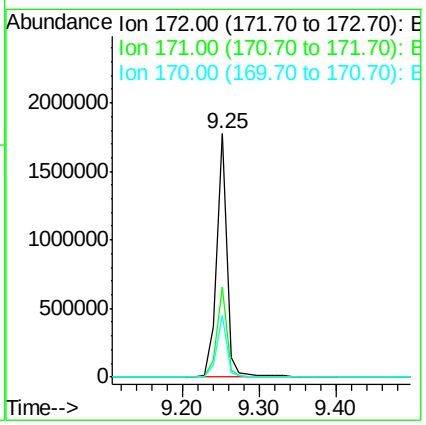


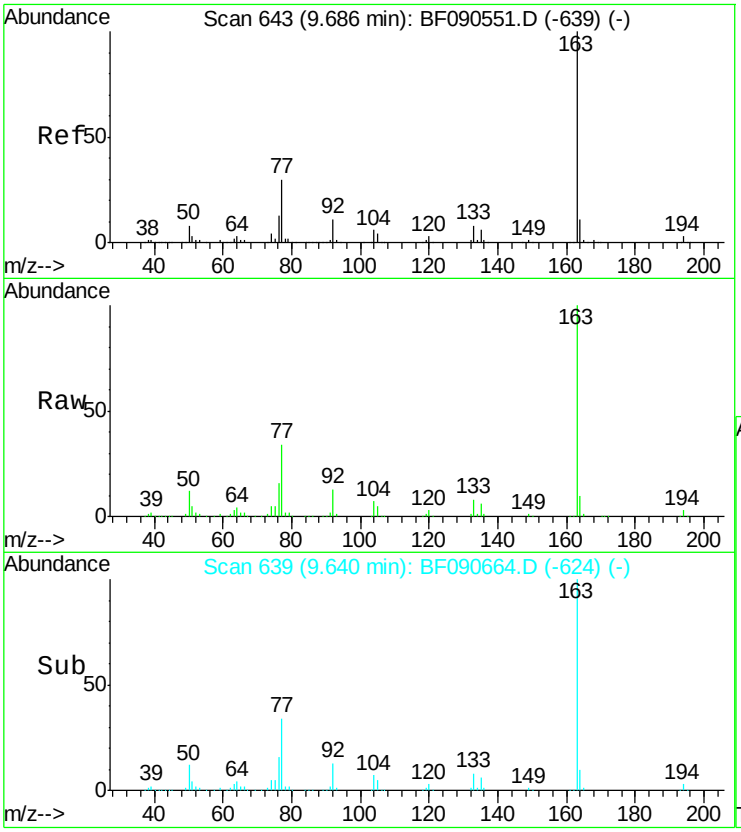


#44
2-Fluorobiphenyl
Concen: 59.78 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:172 Resp: 1659147

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.5	20.6	30.8



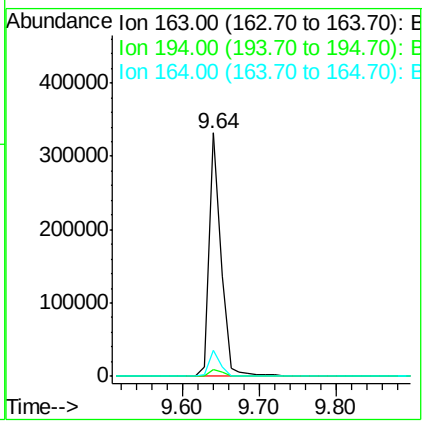


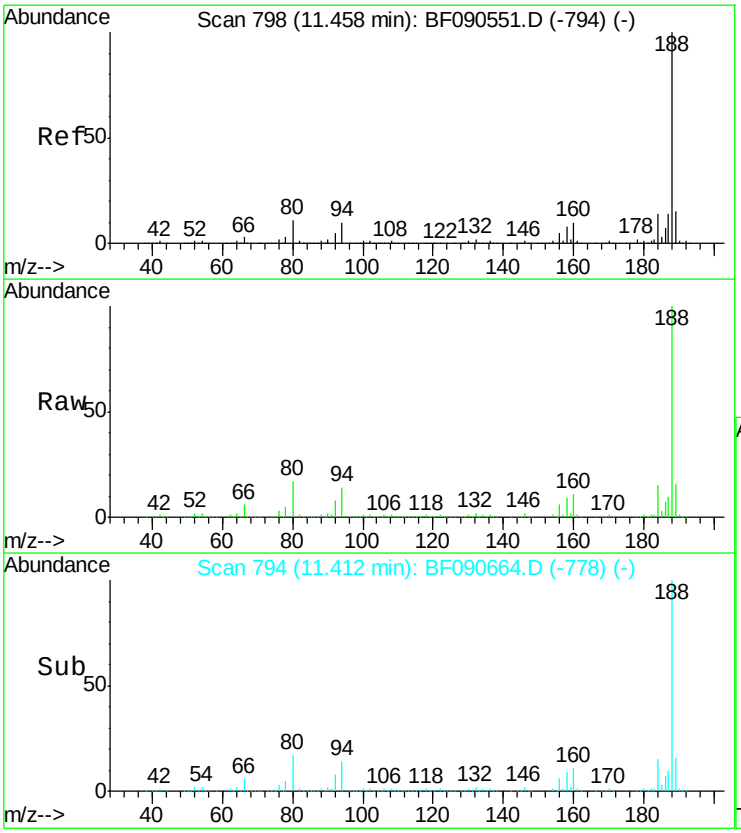
#49
Dimethylphthalate
Concen: 11.91 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:163 Resp: 353407

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.3	3.5
164	10.5	8.6	13.0

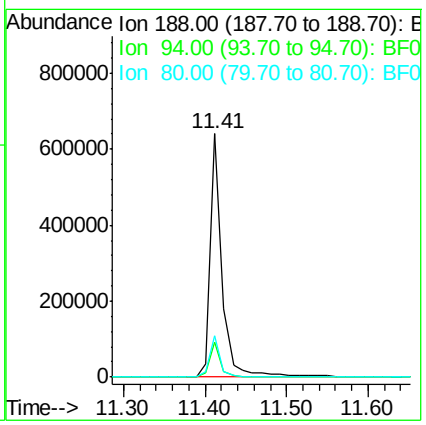


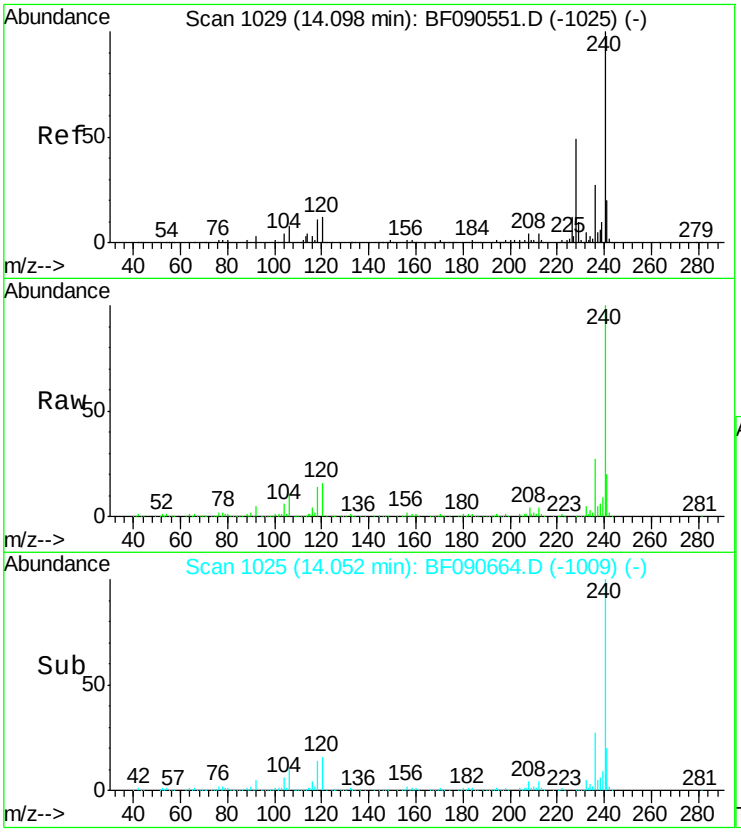


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:188 Resp: 665776

Ion	Ratio	Lower	Upper
188	100		
94	14.3	7.7	11.5#
80	16.8	8.6	12.8#



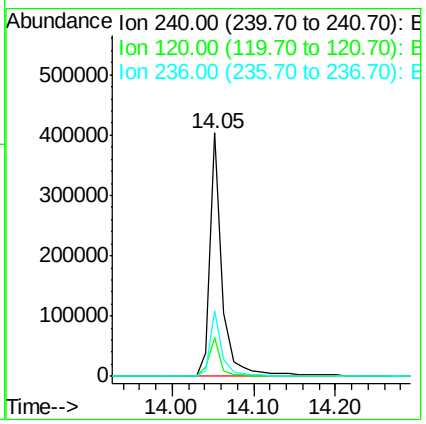


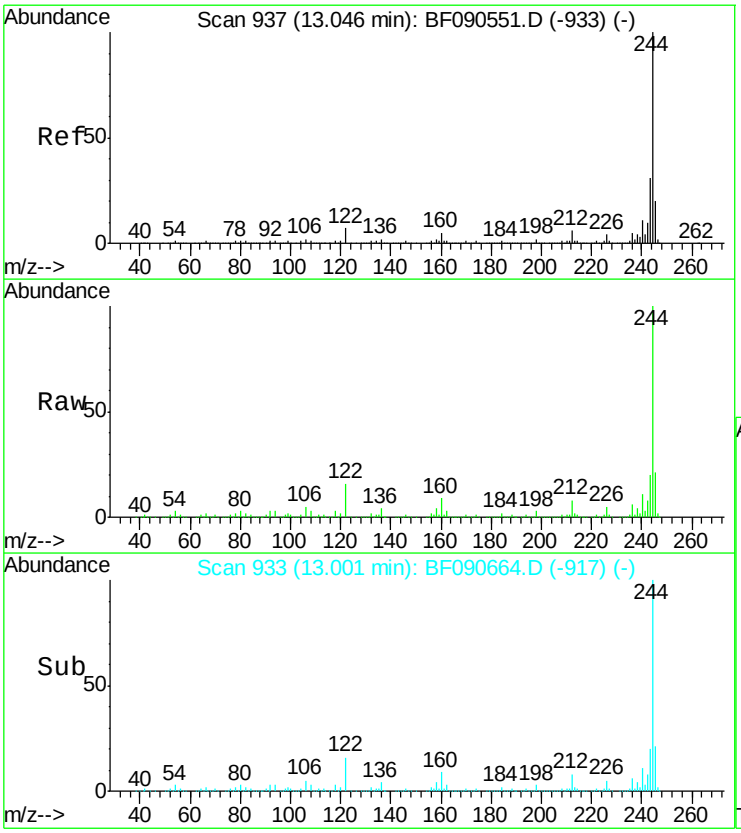
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:240 Resp: 432413

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.8	14.8#
236	27.1	21.7	32.5

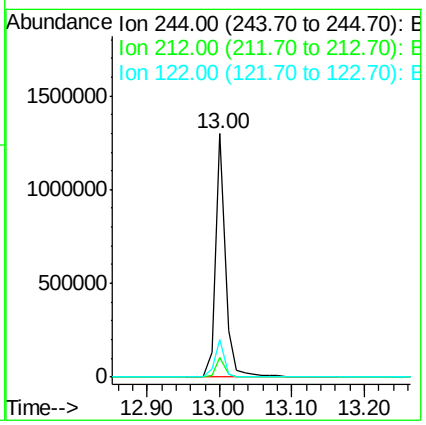


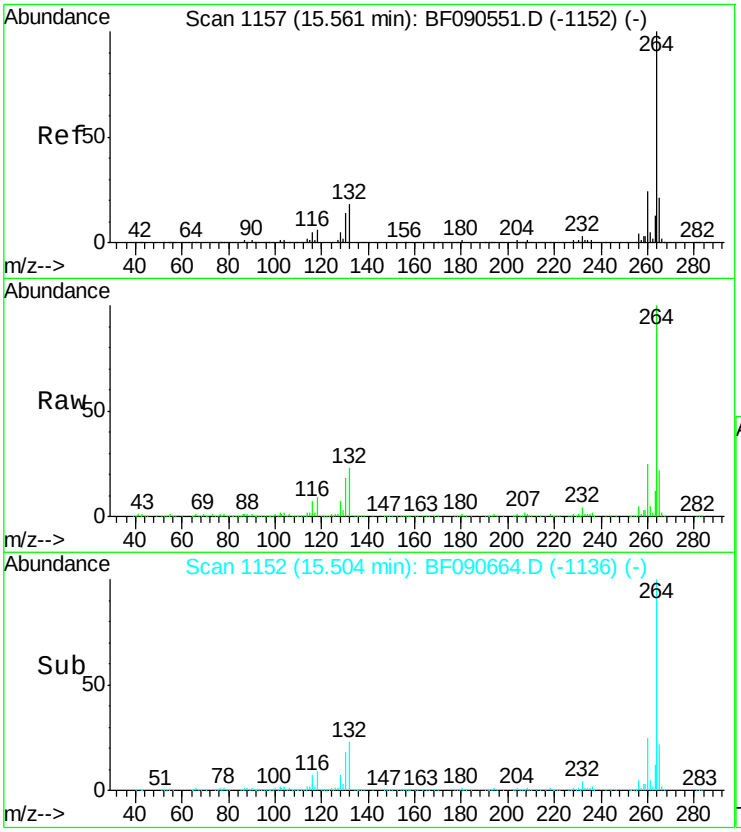


#78
Terphenyl-d14
Concen: 66.52 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Tgt Ion:244 Resp: 1235424

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.0	7.4#
122	15.6	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF090664.D
Acq: 19 Oct 2016 22:51

Instrument :
BNA_F
ClientSampleId :
101816-09

Tgt Ion:264 Resp: 400895

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.5	16.7	25.1