Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
Data File : BF090635.D
Acq On : 18 Oct 2016 18:36
Operator : UM/SJ
Sample : H5289-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-4

Quant Time: Oct 19 01:08:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	214334	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	878401	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	437444	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	592534	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	488569	20.00	ng		-0.01
86) Perylene-d12	15.54	264	447018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1784443	152.63	ng		0.00
7) Phenol-d6	6.54	99	2300338	132.41	ng		0.00
23) Nitrobenzene-d5	7.47	82	1498161	94.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	431451	110.63	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2020742	76.11	ng		-0.01
78) Terphenyl-d14	13.02	244	1543935	73.58	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	48007	2.42	ng		96
15) Benzyl Alcohol	7.06	79	26390	2.23	ng	#	50
49) Dimethylphthalate	9.66	163	640854	22.58	ng	#	98

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

Quantitation Report (Not Reviewed)

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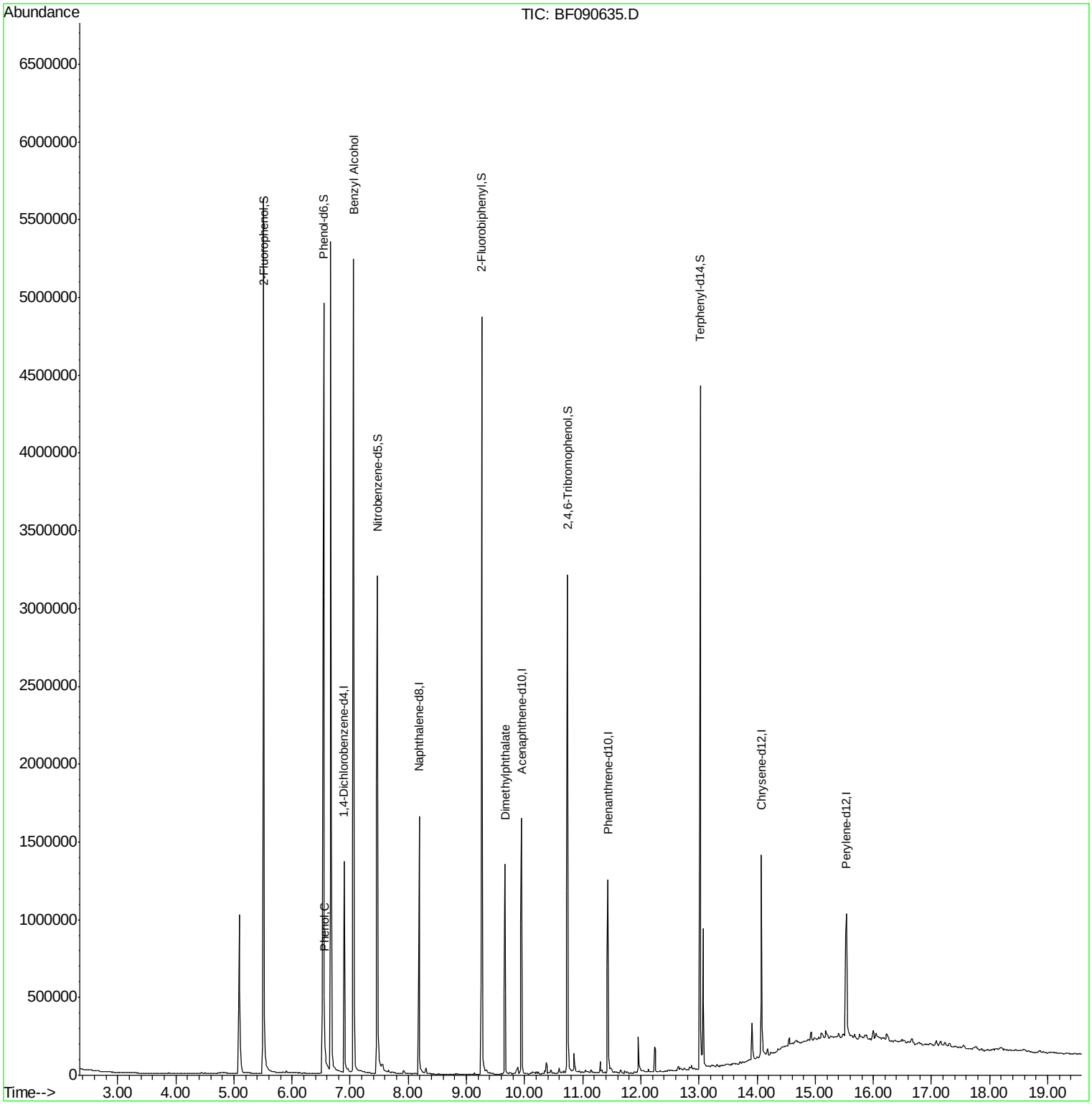
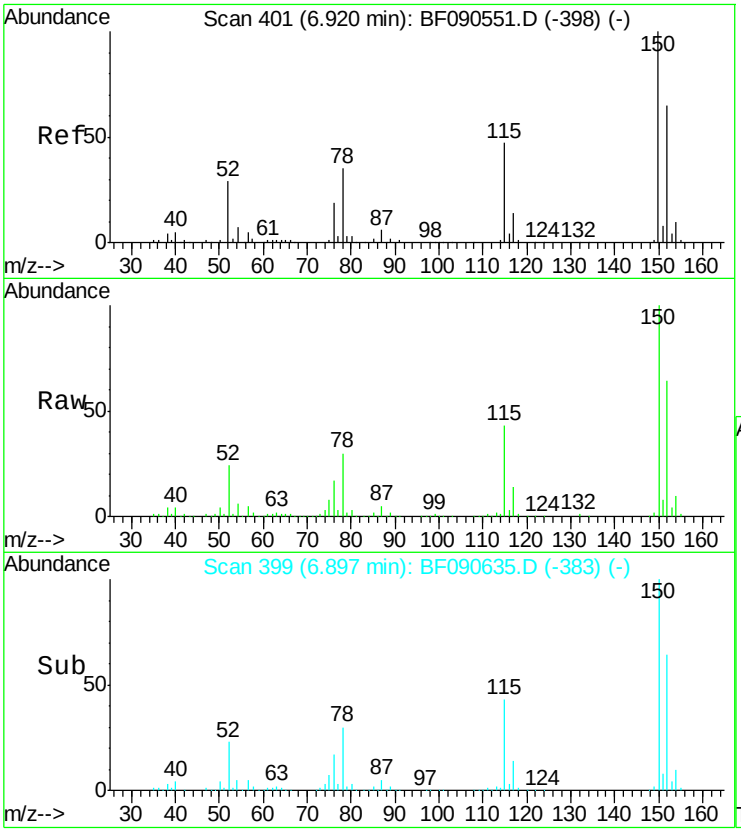


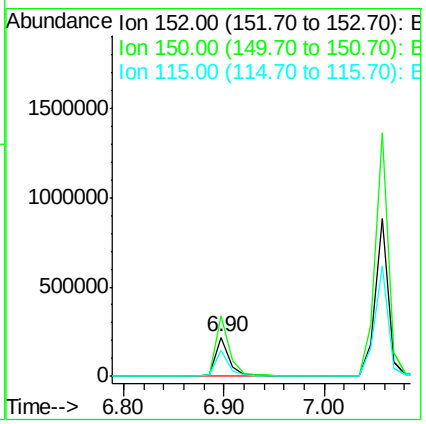


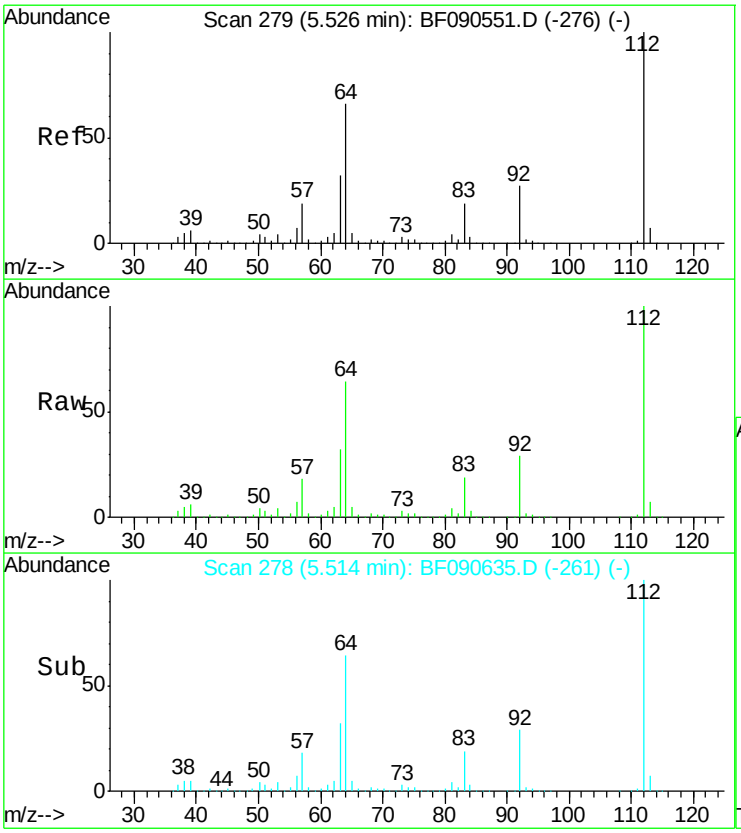
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:152 Resp: 214334

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	67.7	58.6	88.0

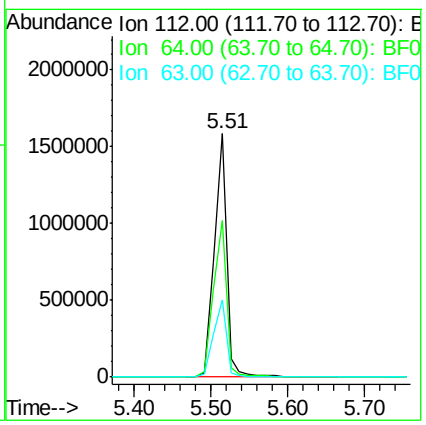


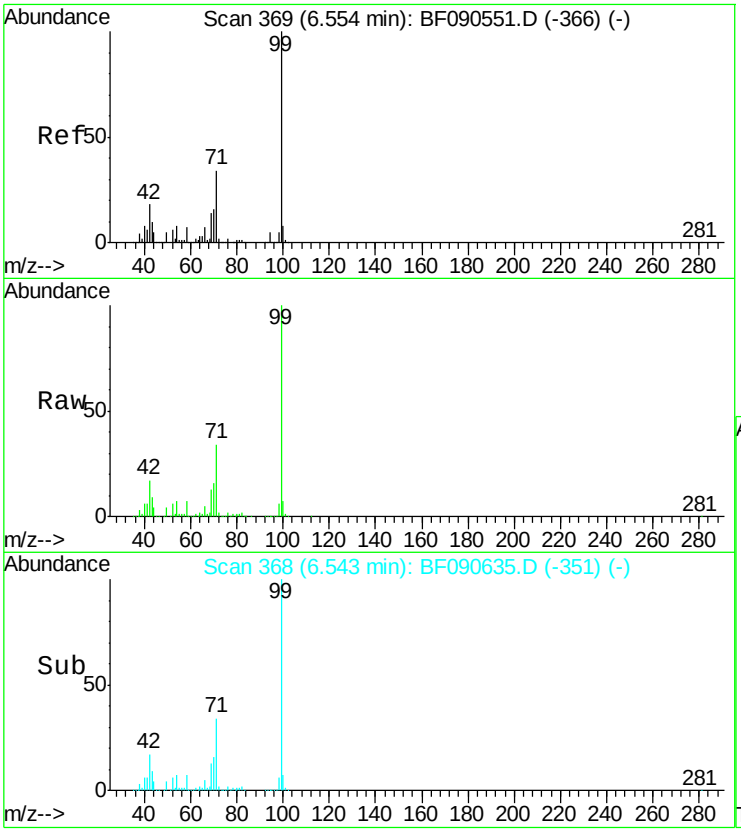


#5
2-Fluorophenol
Concen: 152.63 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:112 Resp: 1784443

Ion	Ratio	Lower	Upper
112	100		
64	64.1	52.6	78.8
63	31.9	26.0	39.0



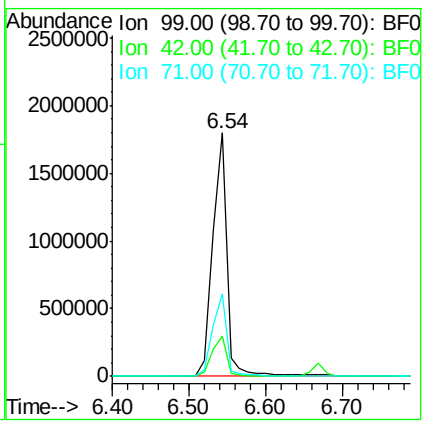


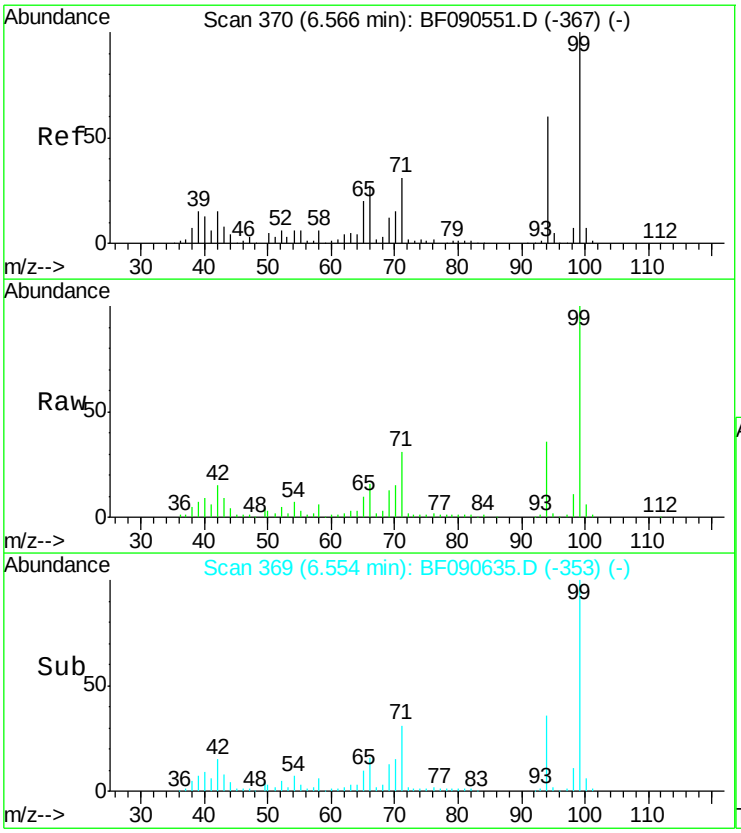
#7
Phenol-d6
Concen: 132.41 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion: 99 Resp: 2300338

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.7	22.1
71	34.0	27.6	41.4

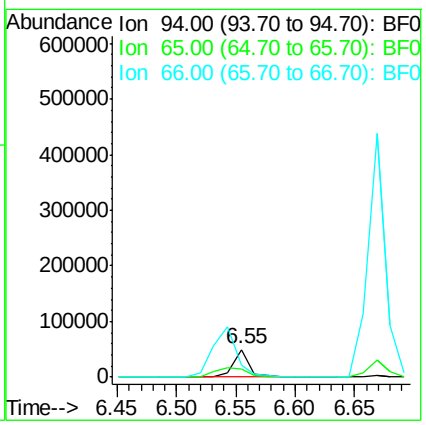


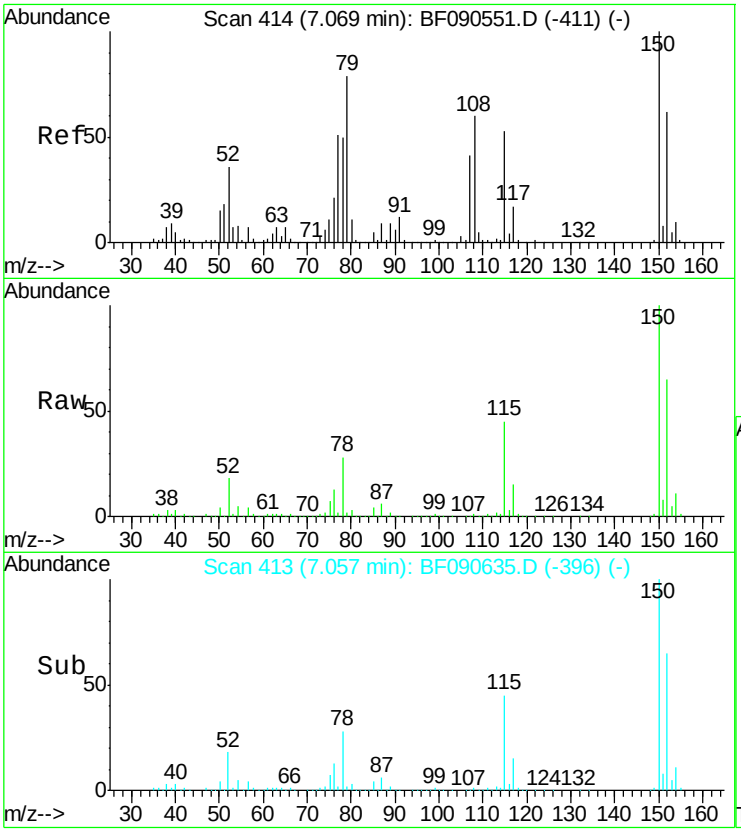


#10
Phenol
Concen: 2.42 ng
RT: 6.55 min Scan# 369
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion: 94 Resp: 48007

Ion	Ratio	Lower	Upper
94	100		
65	29.2	12.5	52.5
66	44.0	25.5	65.5



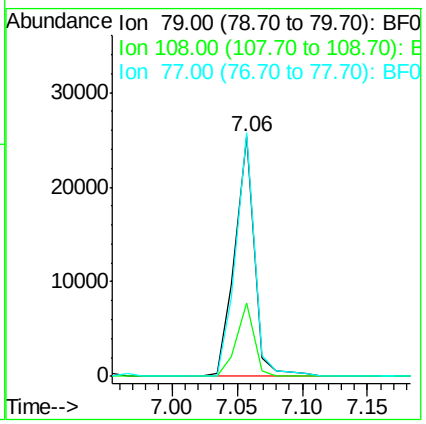


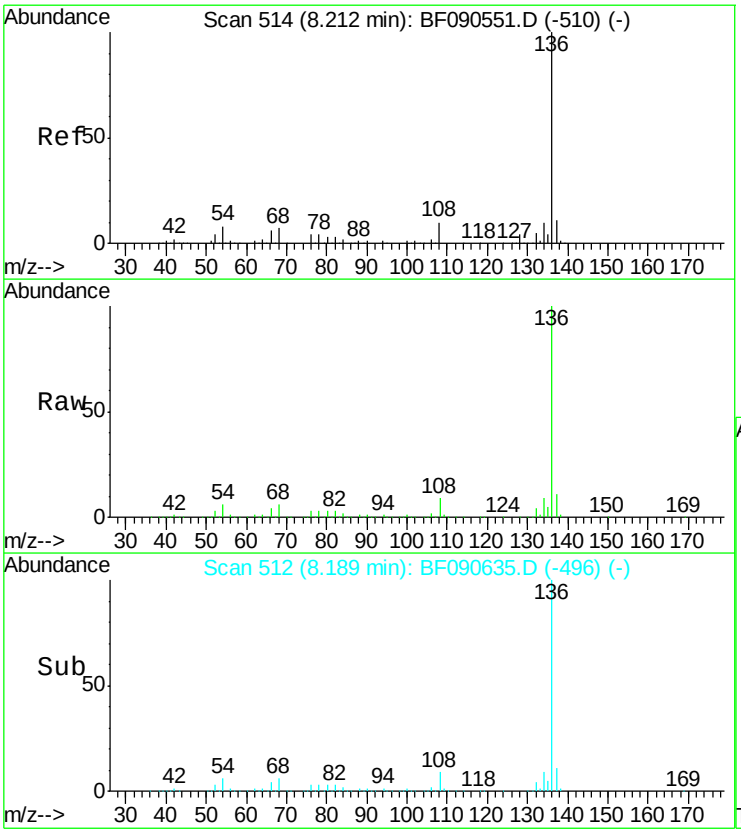
#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.06 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion: 79 Resp: 26390

Ion	Ratio	Lower	Upper
79	100		
108	30.5	60.2	90.4#
77	101.6	52.0	78.0#

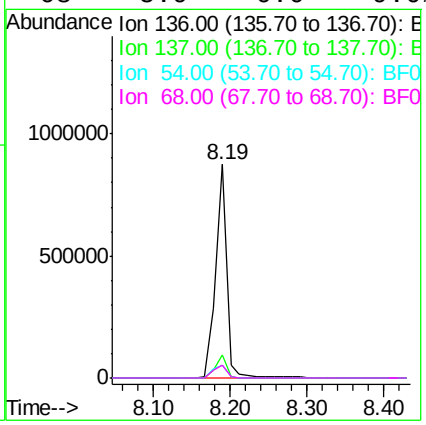


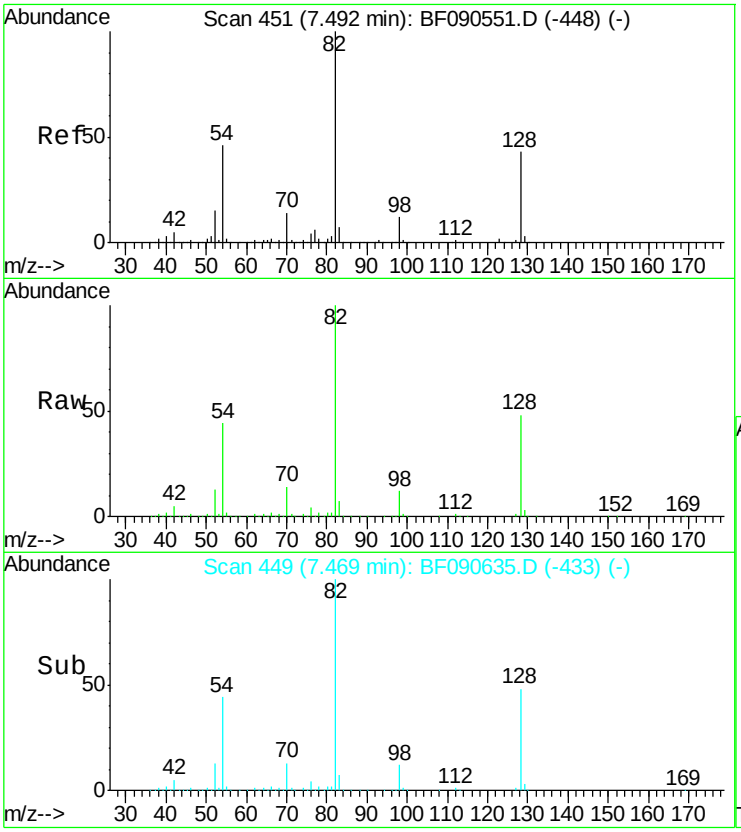


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:136 Resp: 878401

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.1	6.8	10.2#
68	5.9	6.0	9.0#



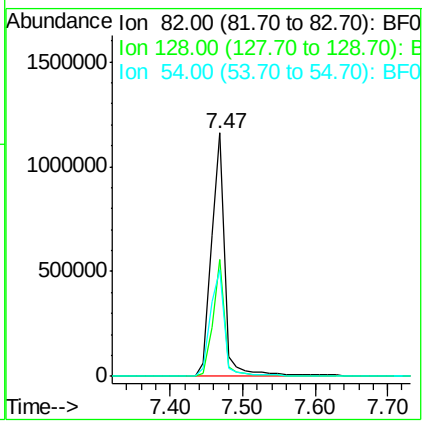


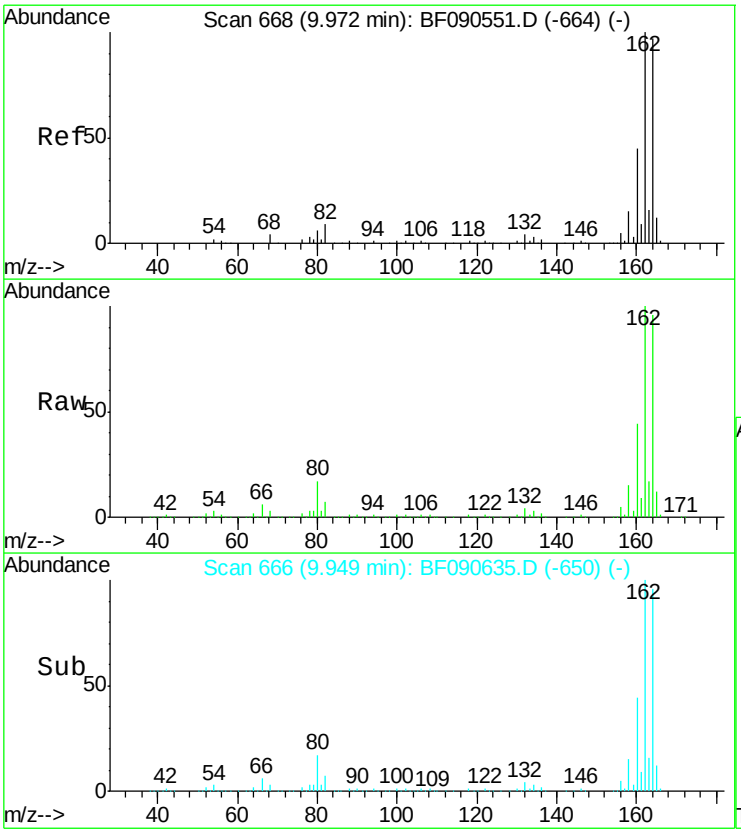
#23
Nitrobenzene-d5
Concen: 94.74 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion: 82 Resp: 1498161

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.3	51.5
54	43.8	37.0	55.6

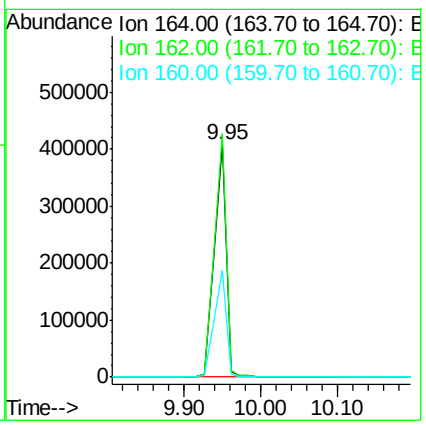


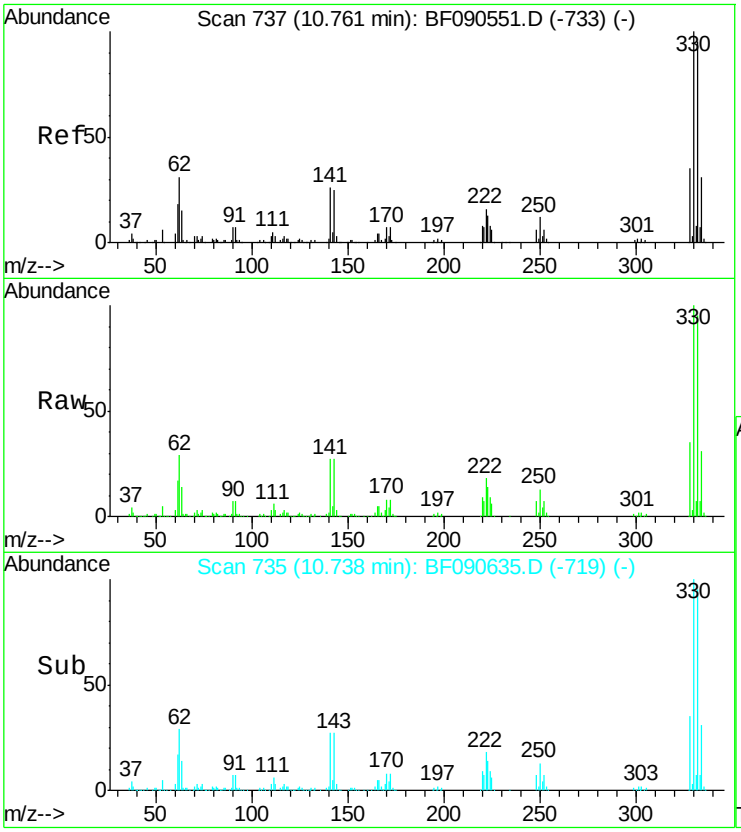


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:164 Resp: 437444

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	45.5	36.6	55.0



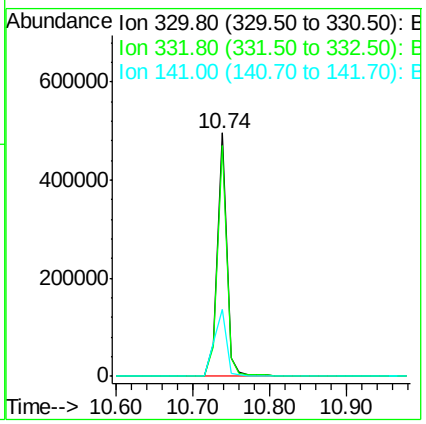


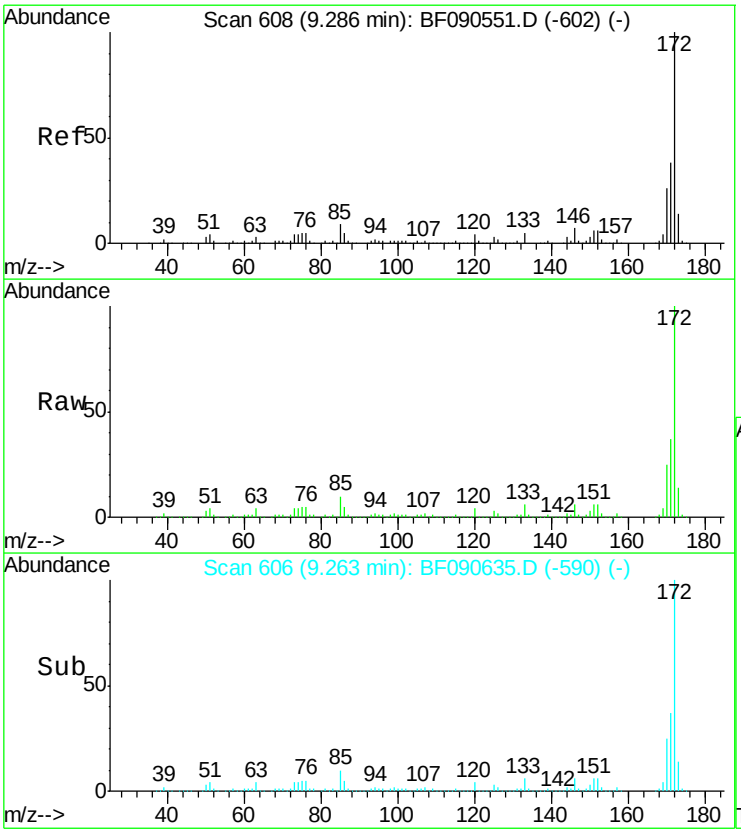
#41
2,4,6-Tribromophenol
Concen: 110.63 ng
RT: 10.74 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:330 Resp: 431451

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.2	114.2
141	35.1	31.4	47.2

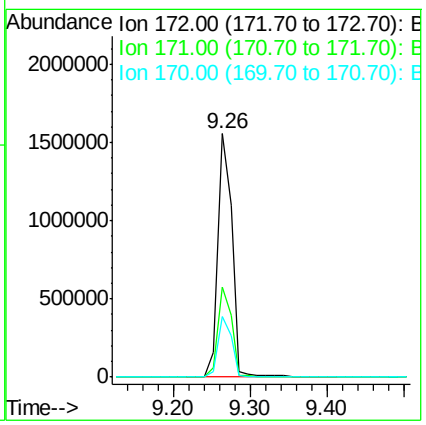


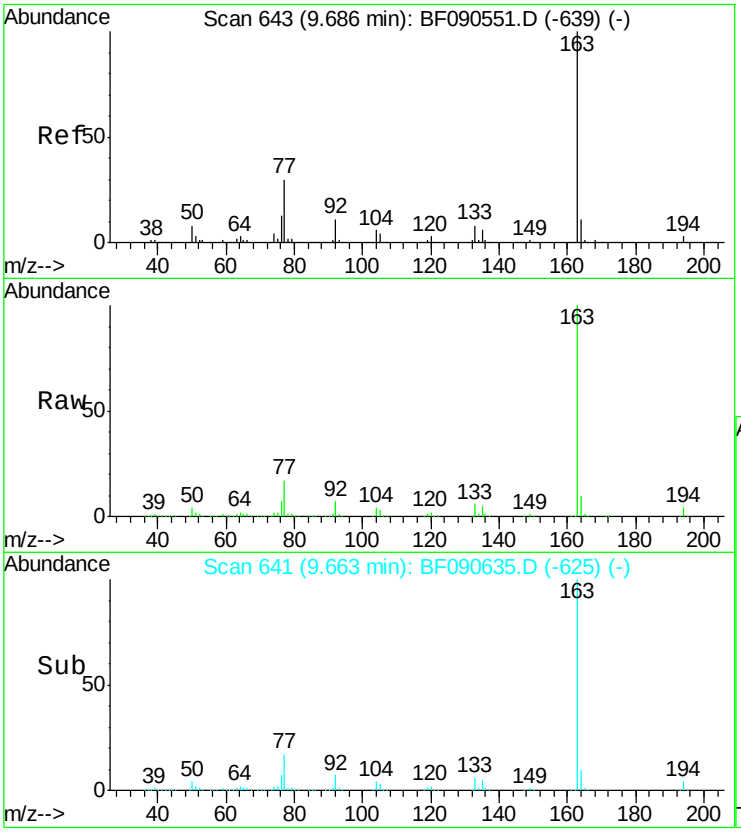


#44
2-Fluorobiphenyl
Concen: 76.11 ng
RT: 9.26 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:172 Resp: 2020742

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	24.9	20.6	30.8



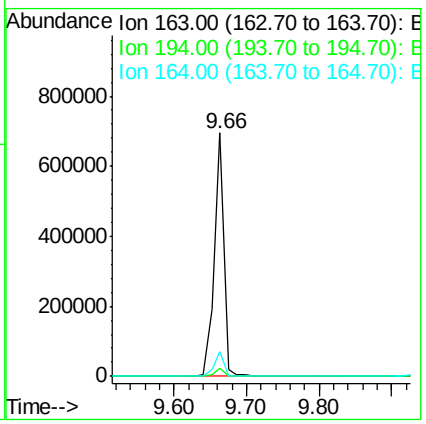


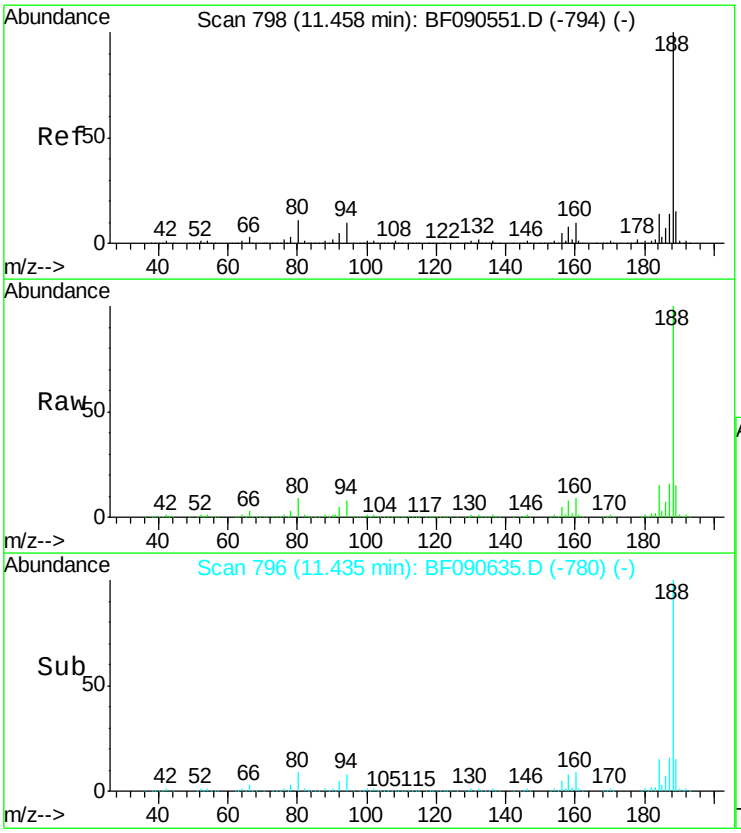
#49
Dimethylphthalate
Concen: 22.58 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:163 Resp: 640854

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.3	3.5#
164	10.0	8.6	13.0

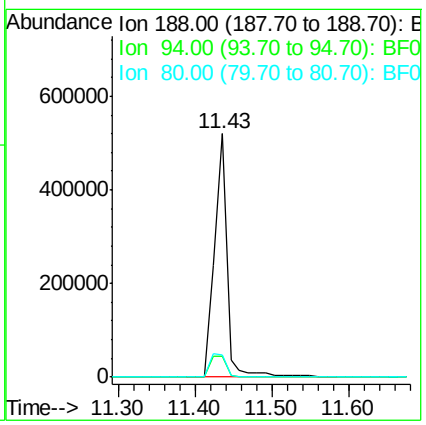


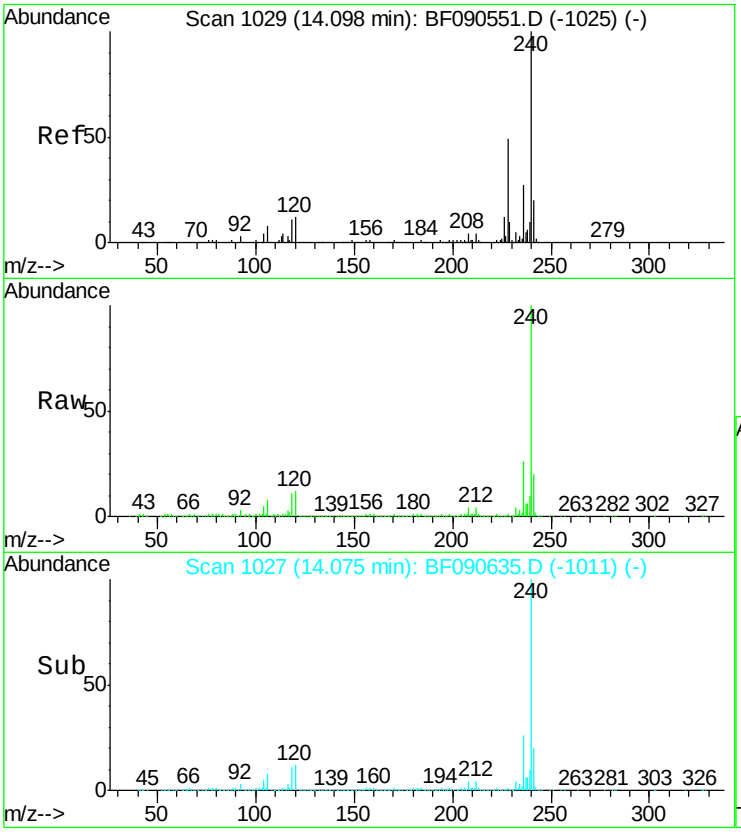


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:188 Resp: 592534

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.7	11.5
80	9.2	8.6	12.8



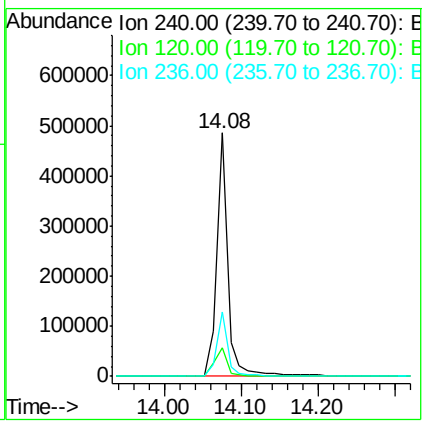


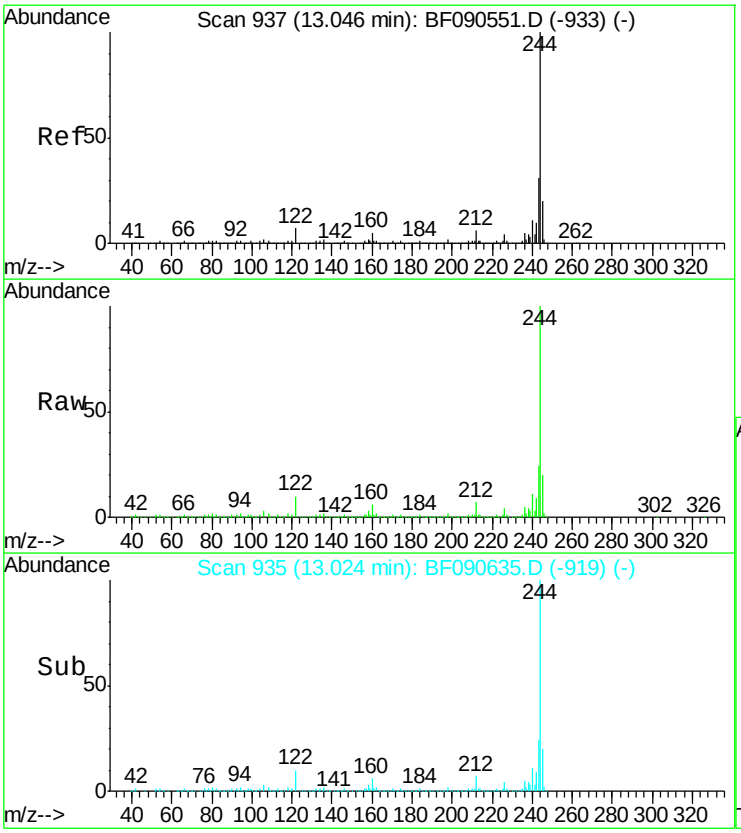
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:240 Resp: 488569

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.8	14.8
236	26.5	21.7	32.5

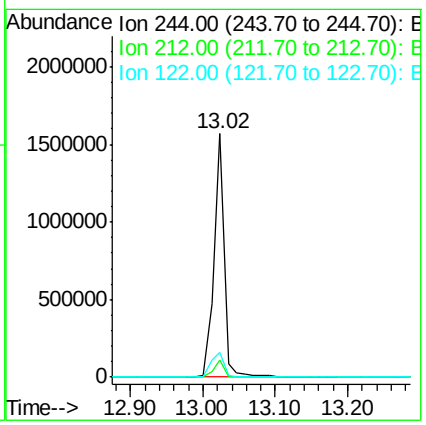


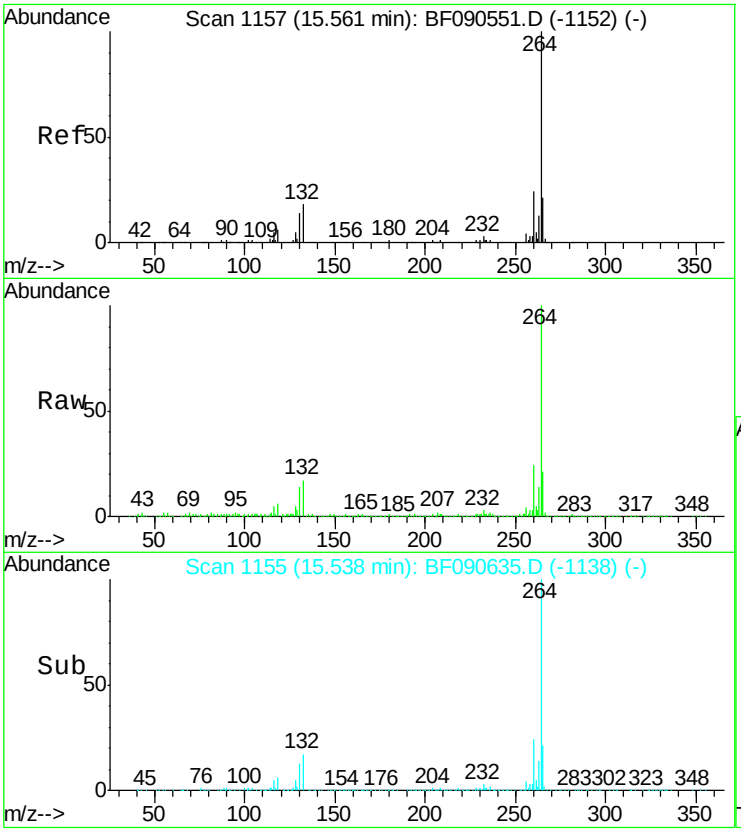


#78
Terphenyl-d14
Concen: 73.58 ng
RT: 13.02 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:244 Resp: 1543935

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	10.2	5.6	8.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:264 Resp: 447018

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.4	16.7	25.1