Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090523.D
Acq On : 12 Oct 2016 1:24
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0618

Quant Time: Oct 12 02:03:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	220000	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	874829	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	475651	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	776875	20.00	ng		0.01
75) Chrysene-d12	14.13	240	539318	20.00	ng		0.00
86) Perylene-d12	15.62	264	428616	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	126632	8.95	ng		0.02
7) Phenol-d6	6.60	99	332464	18.63	ng		0.01
23) Nitrobenzene-d5	7.51	82	1068904	66.27	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	232092	49.22	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1992036	70.38	ng		0.00
78) Terphenyl-d14	13.08	244	1816898	82.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	475600	42.30	ng	#	1
18) Hexachloroethane	7.45	117	36096	5.91	ng	#	1
20) 3+4-Methylphenols	7.38	107	36299	2.34	ng	#	81
22) Acetophenone	7.35	105	214363	11.13	ng	#	57
27) 2,4-Dimethylphenol	7.91	122	68156	5.08	ng		96
31) Naphthalene	8.27	128	2689743	61.71	ng		100
32) Benzoic acid	8.04	122	62216	5.88	ng	#	24
33) 4-Chloroaniline	8.27	127	390714	21.18	ng	#	30
35) Caprolactam	8.66	113	58198	16.00	ng	#	1
37) 2-Methylnaphthalene	8.95	142	576908	19.72	ng		99
49) Dimethylphthalate	9.72	163	391839	12.25	ng		99
53) 2,4-Dinitrophenol	10.15	184	47579	12.14	ng	#	37
56) 2,4-Dinitrotoluene	10.15	165	26861	2.88	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090523.D
Acq On : 12 Oct 2016 1:24
Operator : UM/SJ
Sample : H5146-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0618

Quant Time: Oct 12 02:03:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
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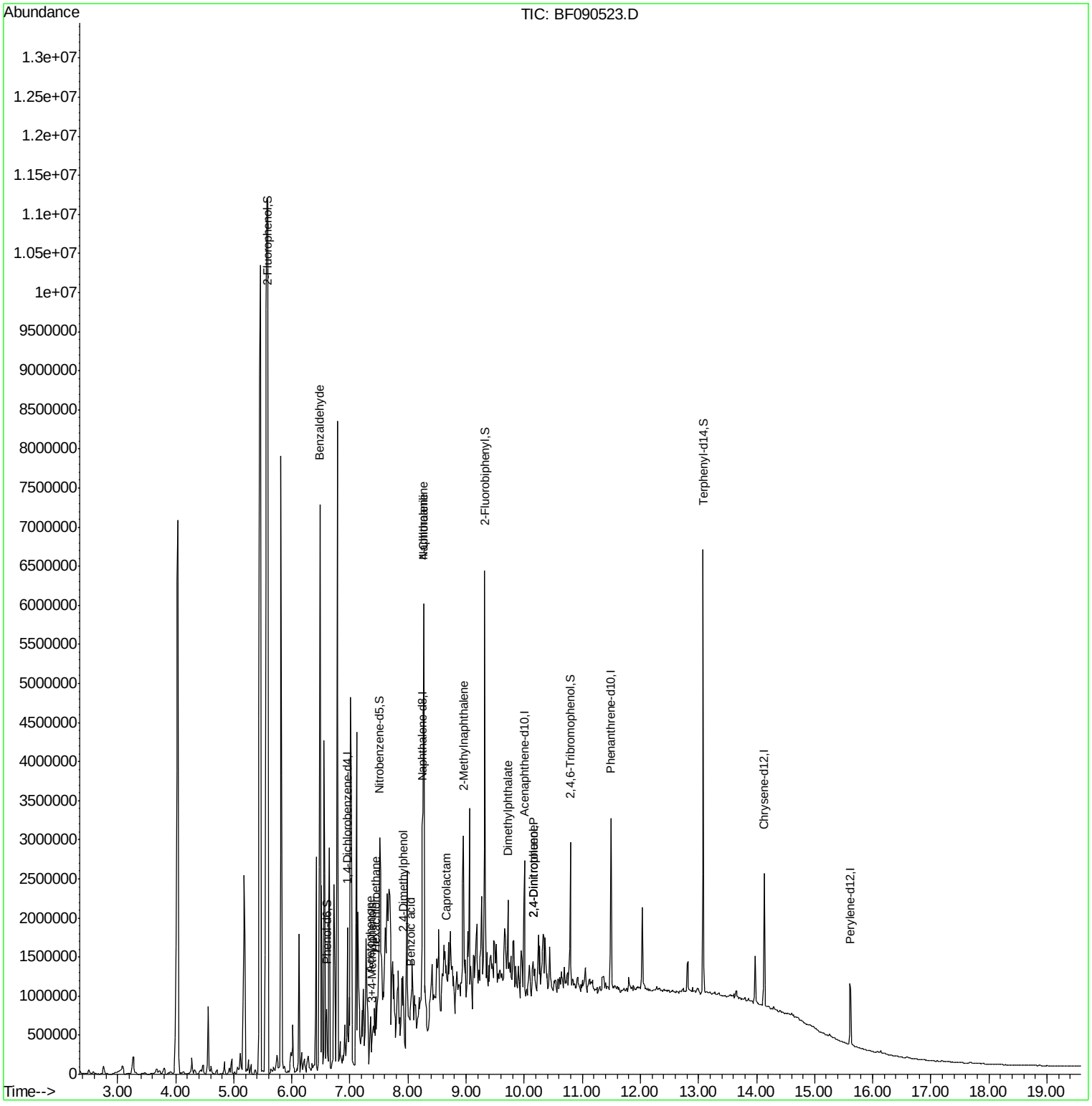
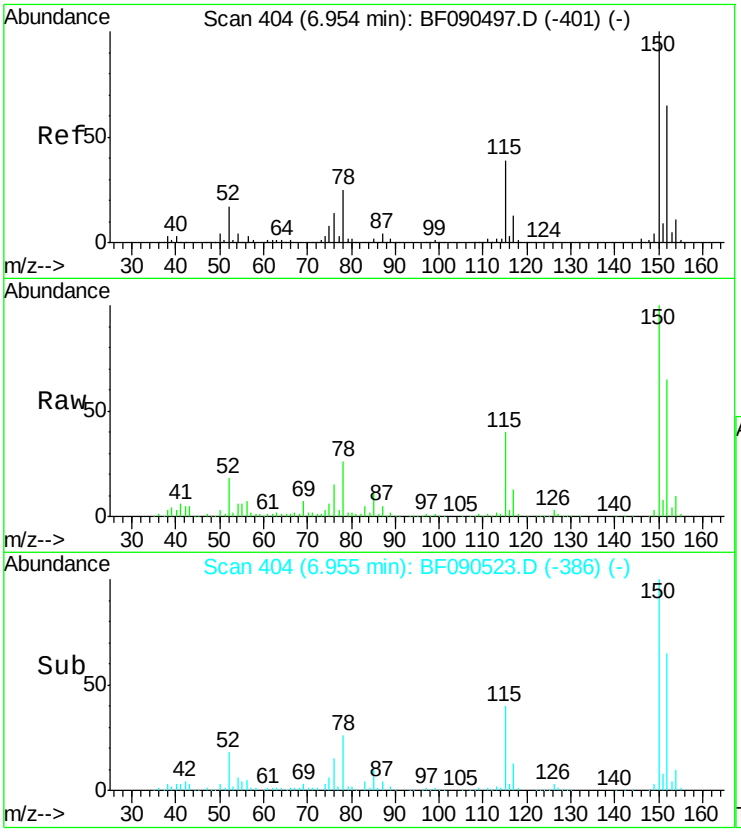


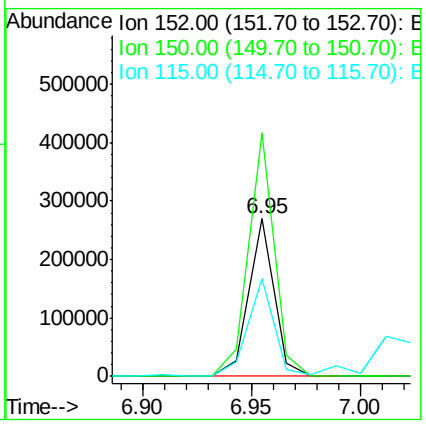


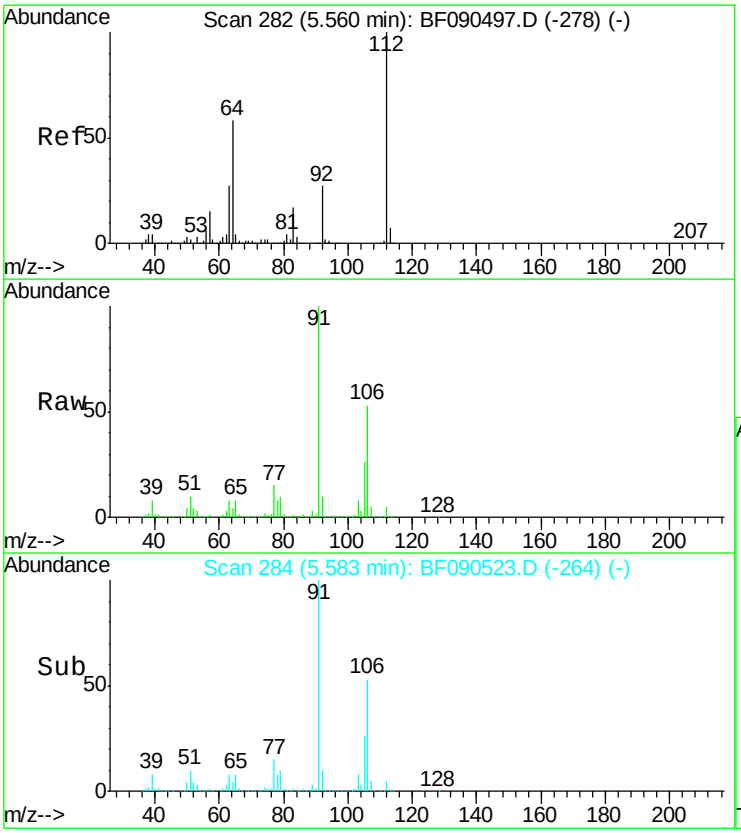
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:152 Resp: 220000

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	61.9	46.2	69.4

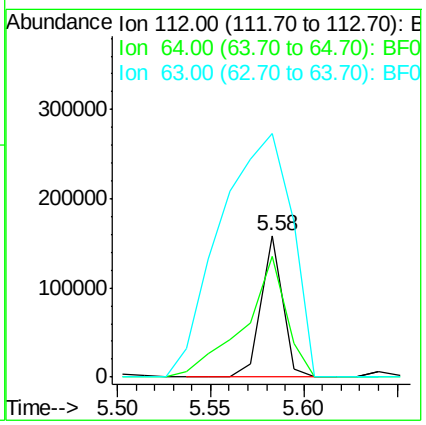


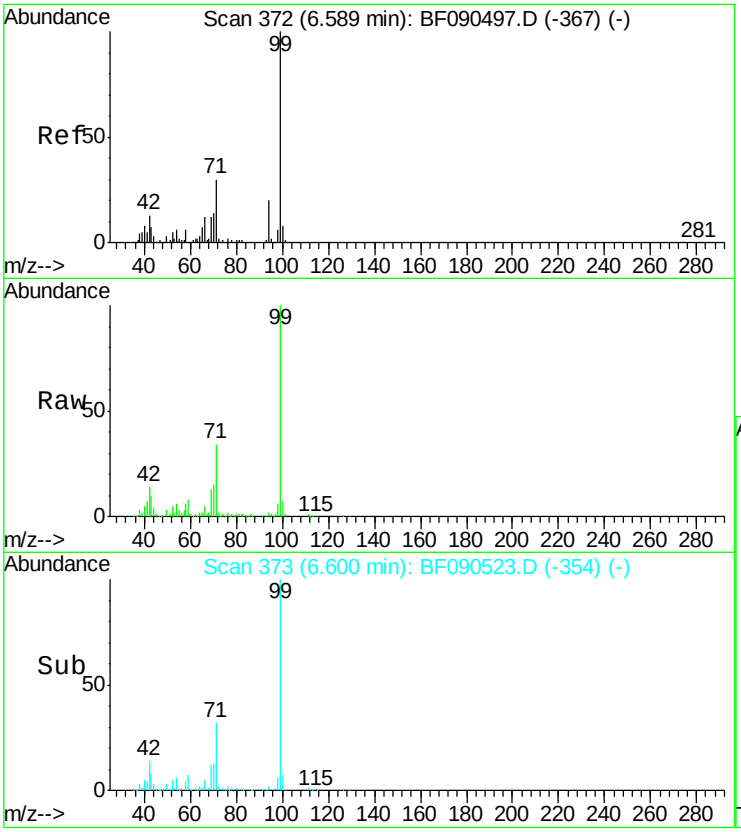


#5
2-Fluorophenol
Concen: 8.95 ng
RT: 5.58 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:112 Resp: 126632

Ion	Ratio	Lower	Upper
112	100		
64	84.8	57.9	86.9
63	171.9	29.6	44.4#



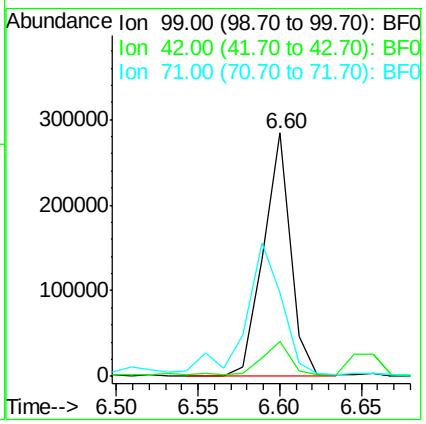


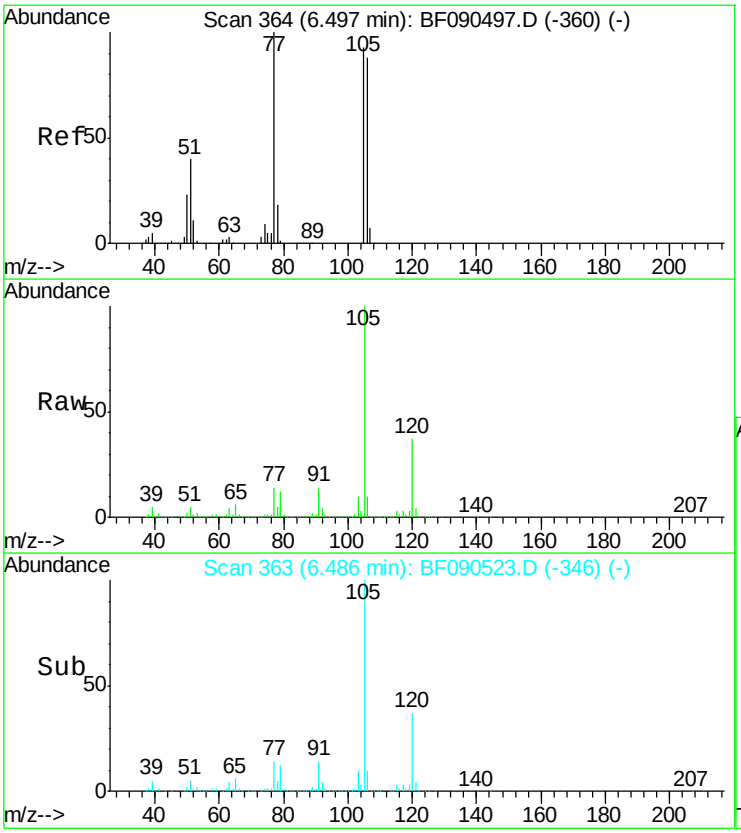
#7
Phenol-d6
Concen: 18.63 ng
RT: 6.60 min Scan# 373
Delta R.T. 0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion: 99 Resp: 332464

Ion	Ratio	Lower	Upper
99	100		
42	14.4	20.0	30.0#
71	34.3	27.9	41.9

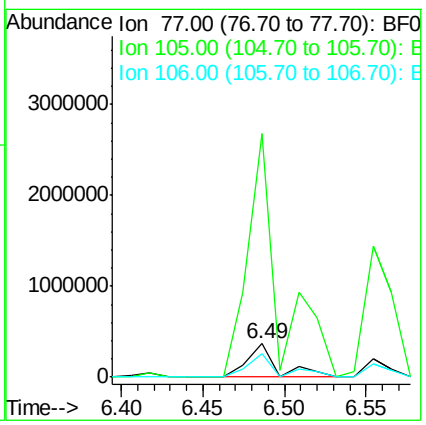


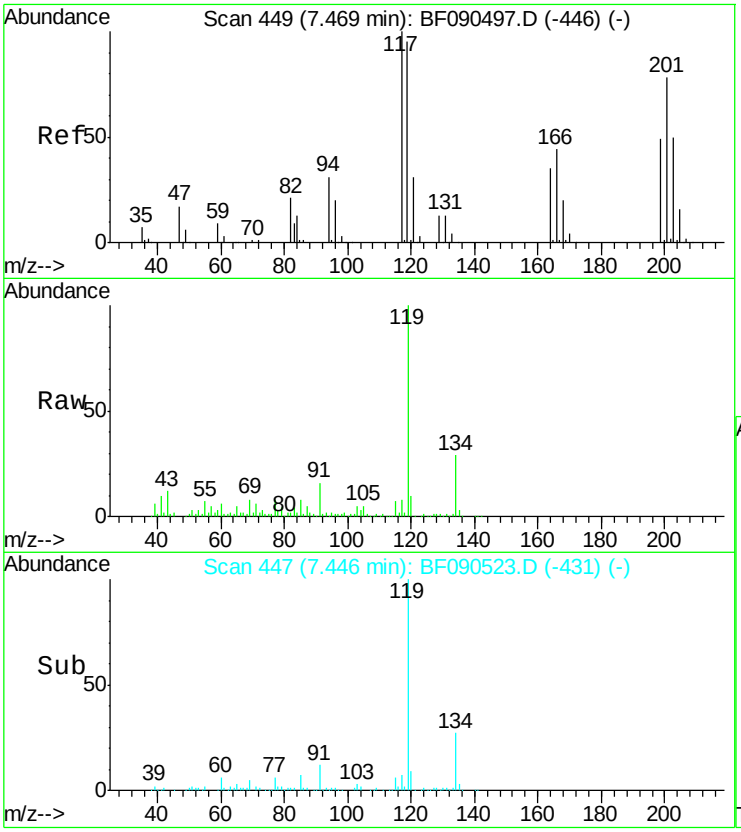


#9
Benzaldehyde
Concen: 42.30 ng
RT: 6.49 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion: 77 Resp: 475600

Ion	Ratio	Lower	Upper
77	100		
105	734.1	73.1	113.1#
106	72.5	70.2	110.2



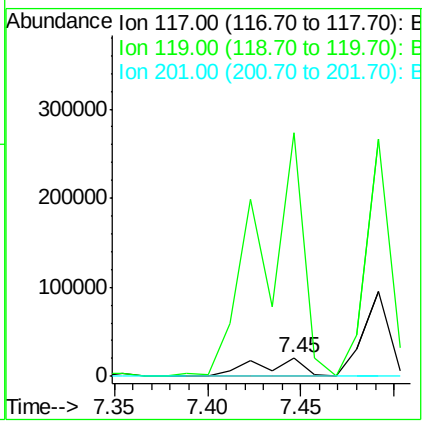


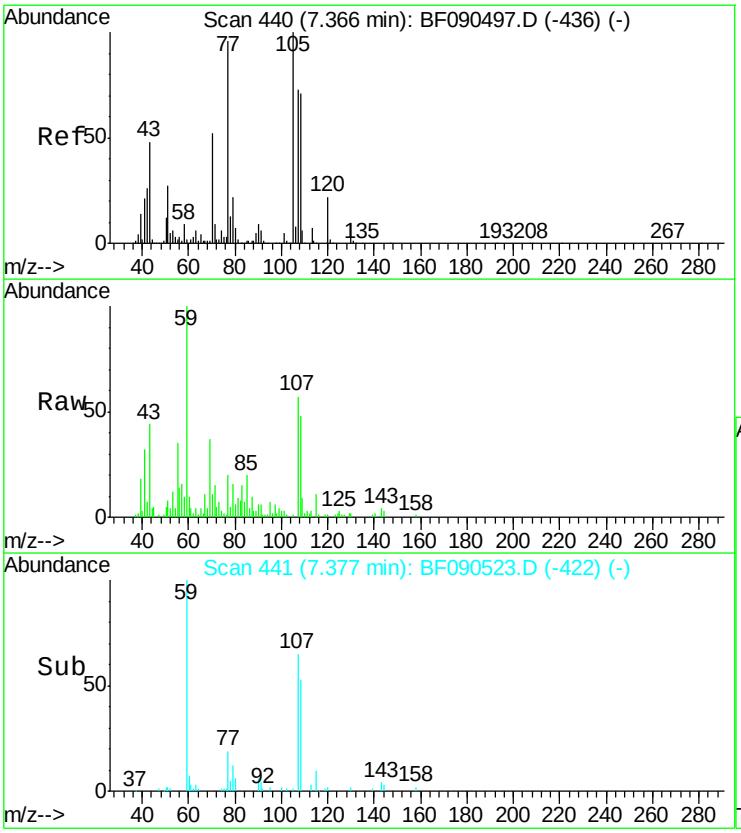
#18
Hexachloroethane
Concen: 5.91 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:117 Resp: 36096

Ion	Ratio	Lower	Upper
117	100		
119	1294.7	75.9	113.9#
201	0.0	66.5	99.7#

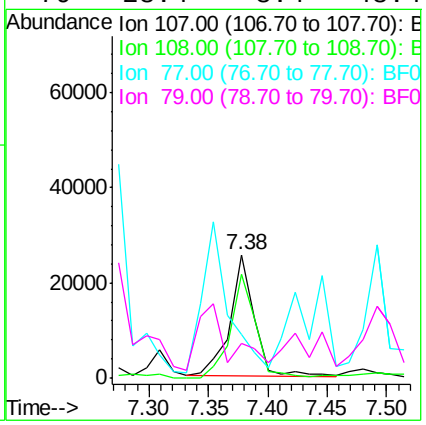


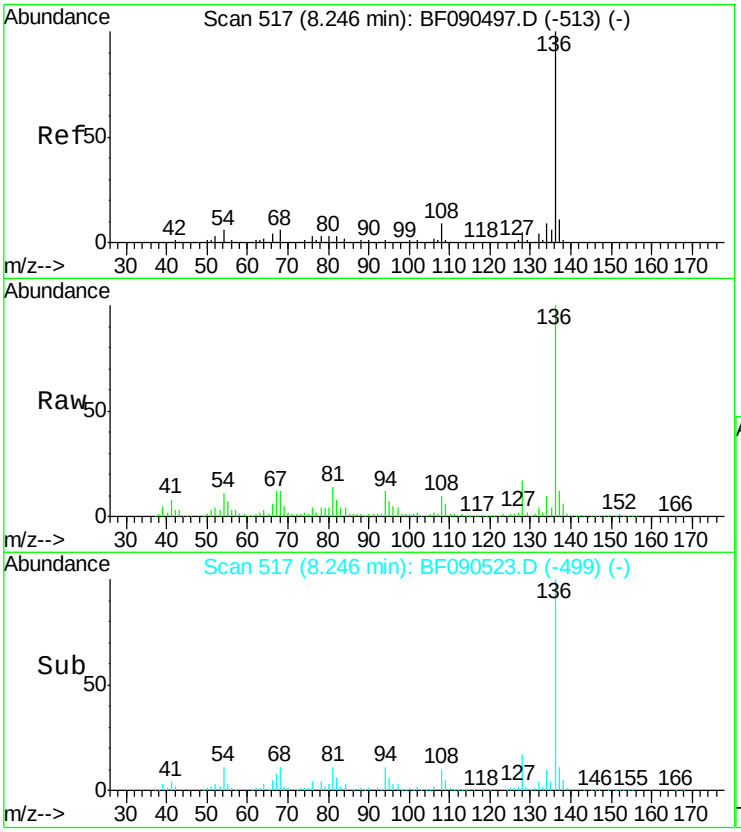


#20
3+4-Methylphenols
Concen: 2.34 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:107 Resp: 36299

Ion	Ratio	Lower	Upper
107	100		
108	84.8	66.7	106.7
77	35.5	53.7	93.7#
79	28.4	8.4	48.4



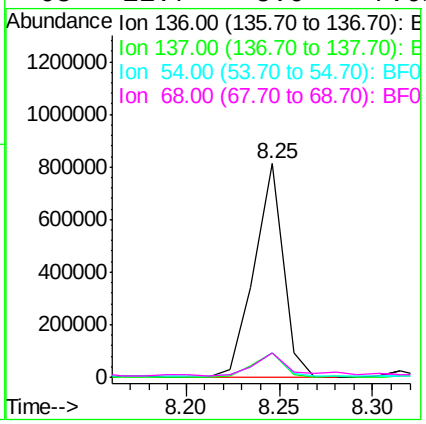


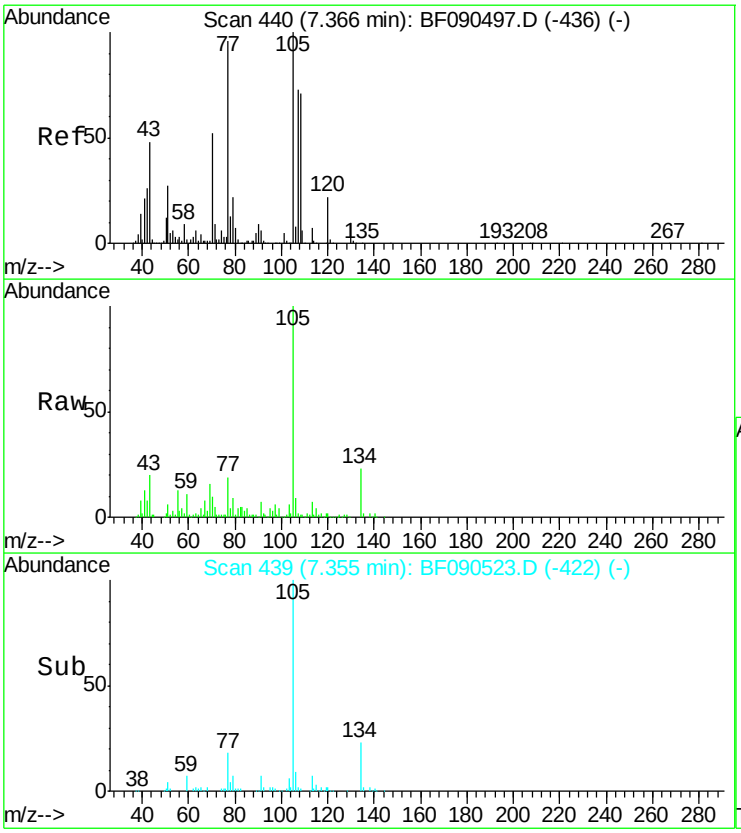
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:136 Resp: 874829

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.3	6.6	10.0#
68	11.7	5.0	7.6#

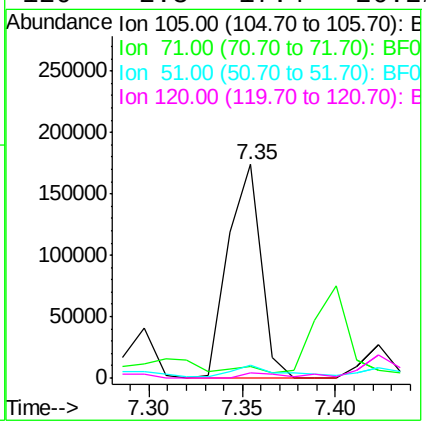


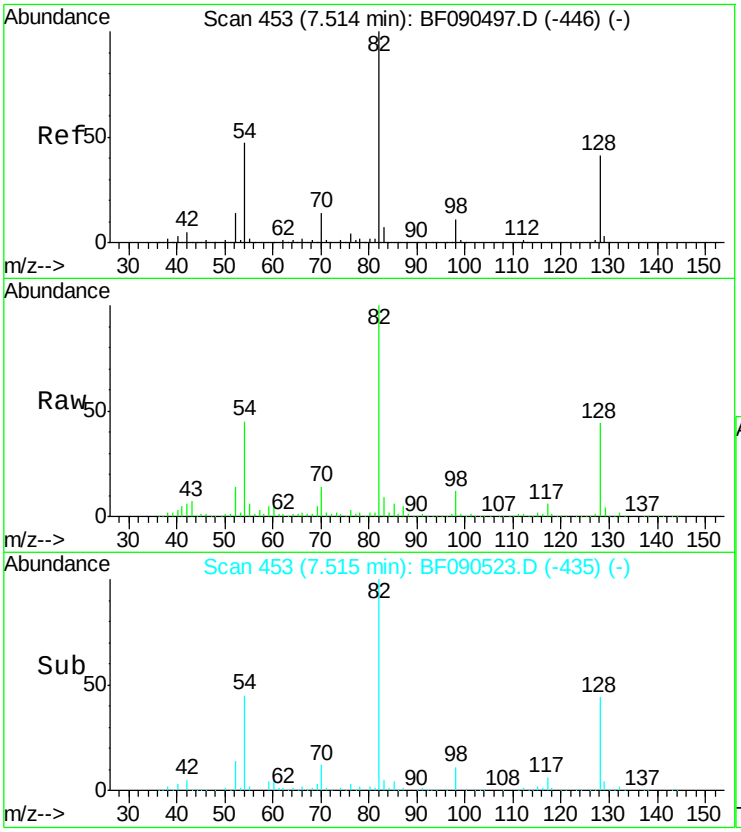


#22
Acetophenone
Concen: 11.13 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:105 Resp: 214363

Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.8	5.6
51	5.9	28.2	42.4#
120	2.3	17.4	26.2#



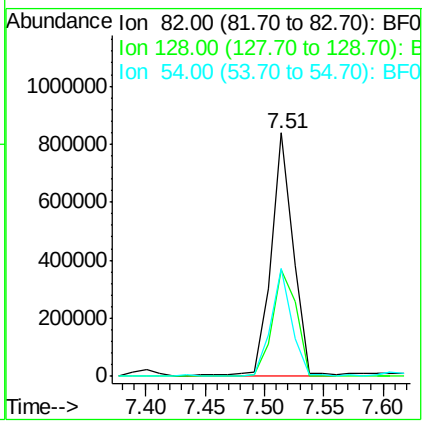


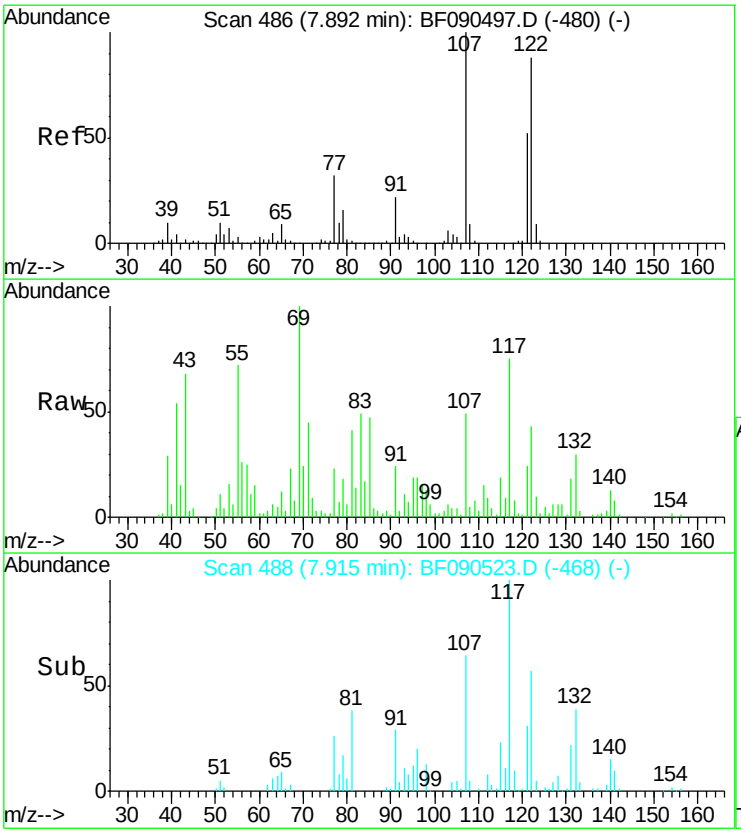
#23
Nitrobenzene-d5
Concen: 66.27 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion: 82 Resp: 1068904

Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.0	60.0
54	44.6	42.6	64.0

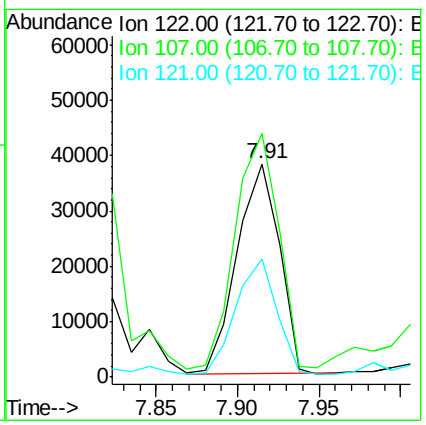


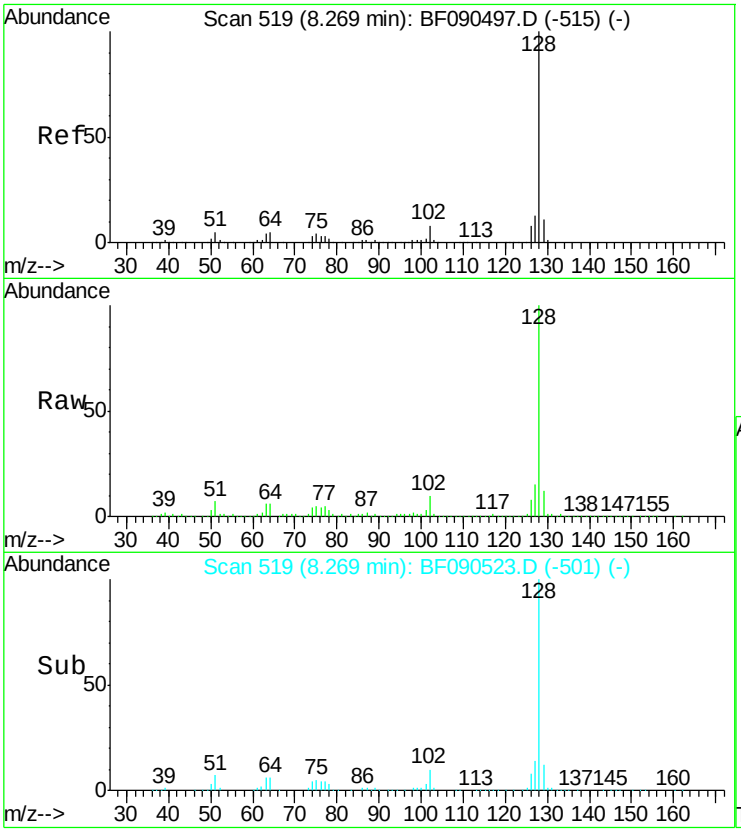


#27
2,4-Dimethylphenol
Concen: 5.08 ng
RT: 7.91 min Scan# 488
Delta R.T. 0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:122 Resp: 68156

Ion	Ratio	Lower	Upper
122	100		
107	114.3	88.6	132.8
121	55.6	47.5	71.3



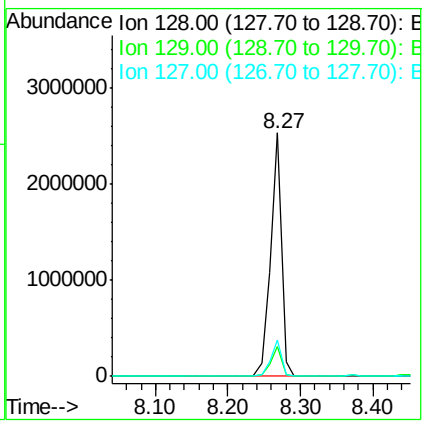


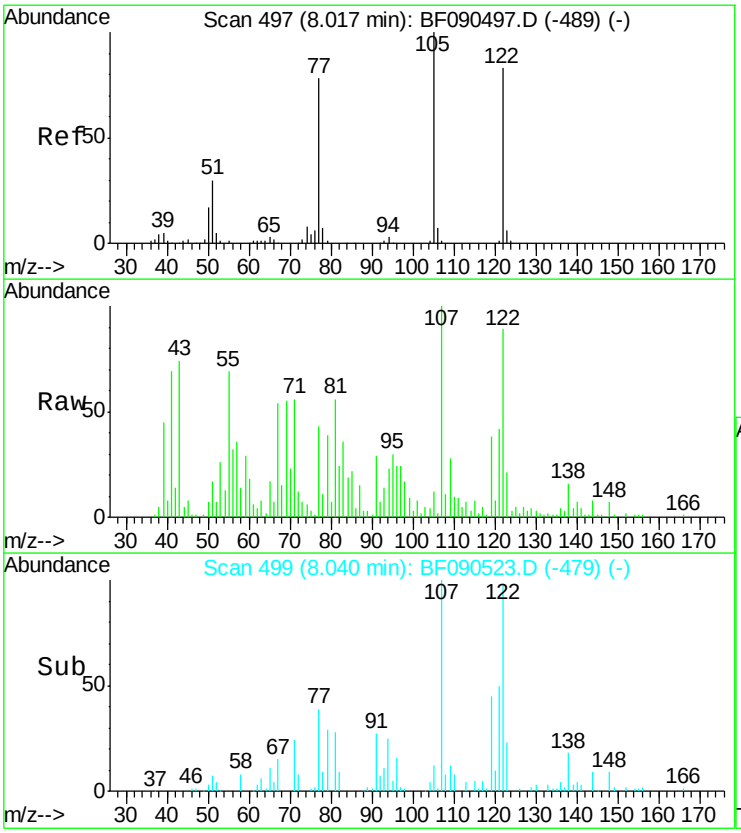
#31
Naphthalene
Concen: 61.71 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:128 Resp: 2689743

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	14.6	11.7	17.5

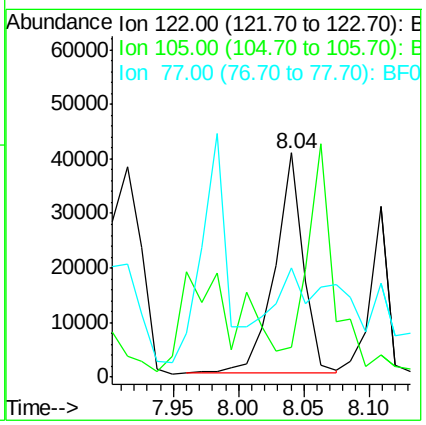


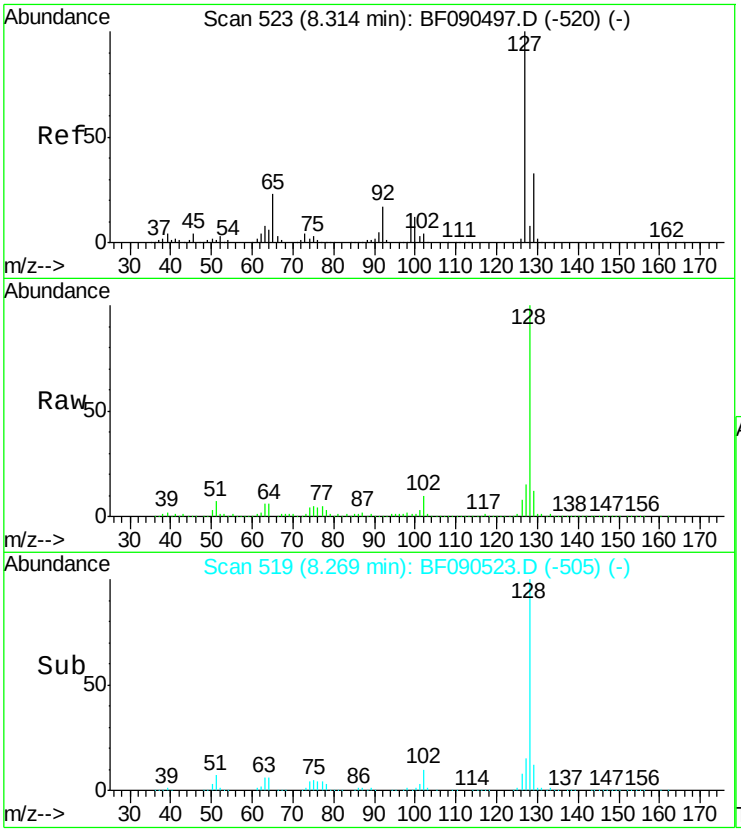


#32
Benzoic acid
Concen: 5.88 ng
RT: 8.04 min Scan# 499
Delta R.T. 0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:122 Resp: 62216

Ion	Ratio	Lower	Upper
122	100		
105	13.2	103.9	143.9#
77	49.0	74.6	114.6#



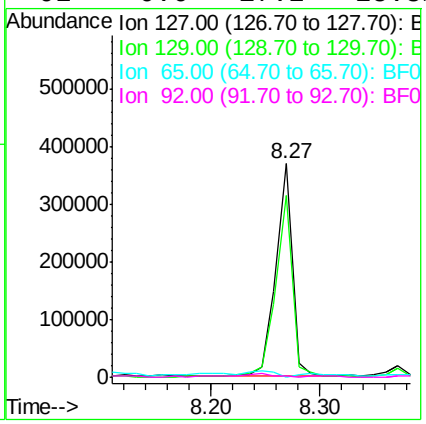


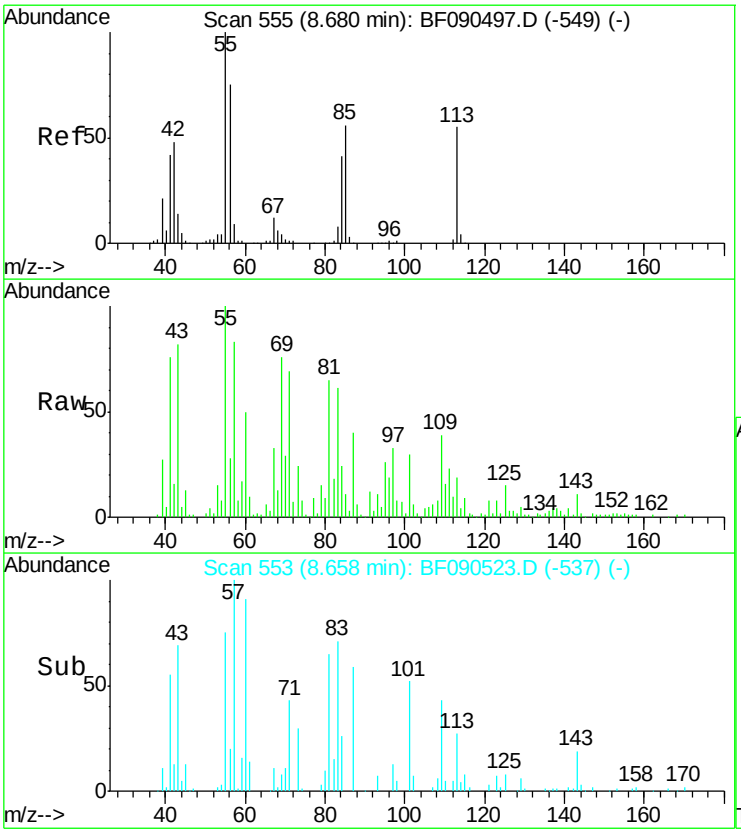
#33
4-Chloroaniline
Concen: 21.18 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:127 Resp: 390714

Ion	Ratio	Lower	Upper
127	100		
129	84.9	26.2	39.4#
65	0.0	32.5	48.7#
92	0.6	17.2	25.8#

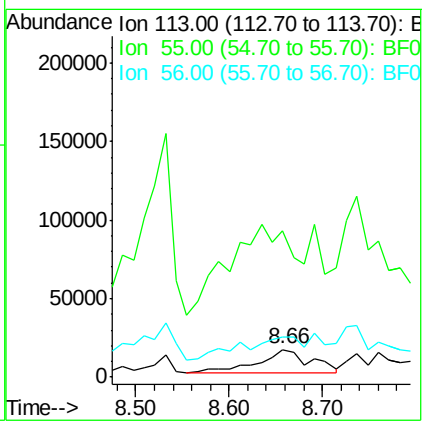


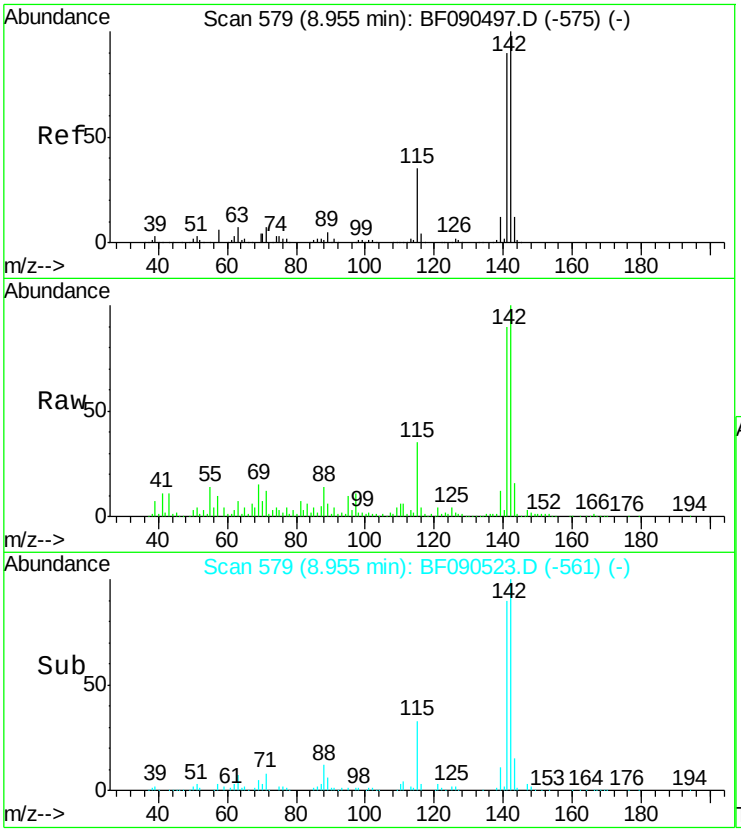


#35
Caprolactam
Concen: 16.00 ng
RT: 8.66 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:113 Resp: 58198

Ion	Ratio	Lower	Upper
113	100		
55	524.8	203.3	243.3#
56	146.2	140.5	180.5



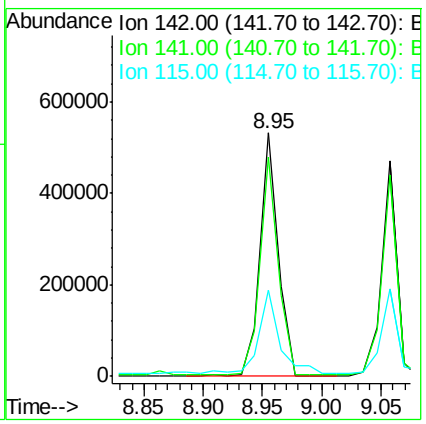


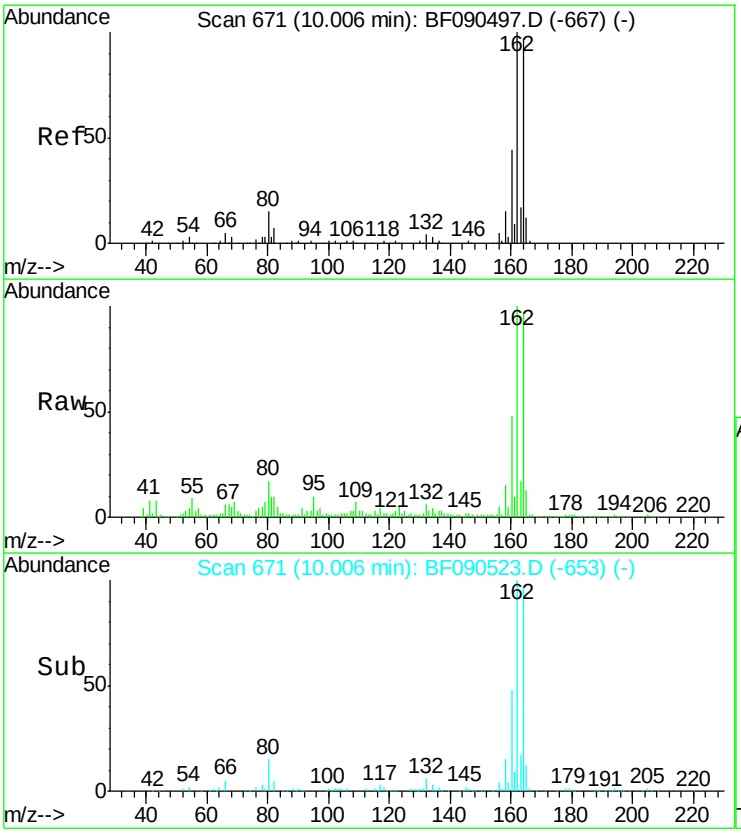
#37
2-Methylnaphthalene
Concen: 19.72 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:142 Resp: 576908

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.8
115	35.1	28.8	43.2

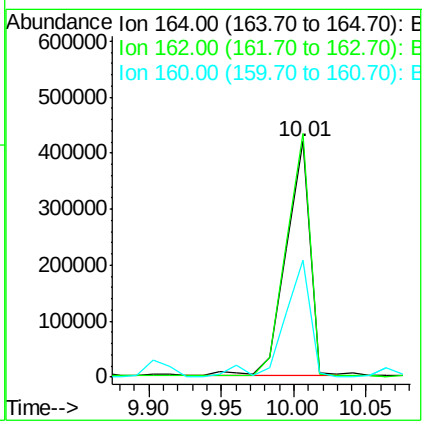


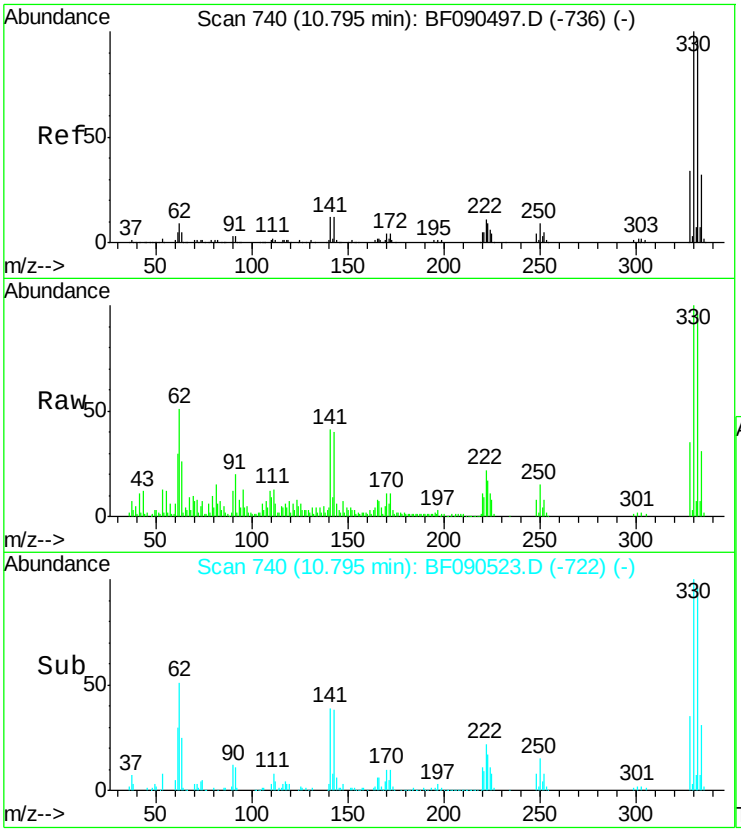


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:164 Resp: 475651

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.1	120.1
160	49.7	36.3	54.5



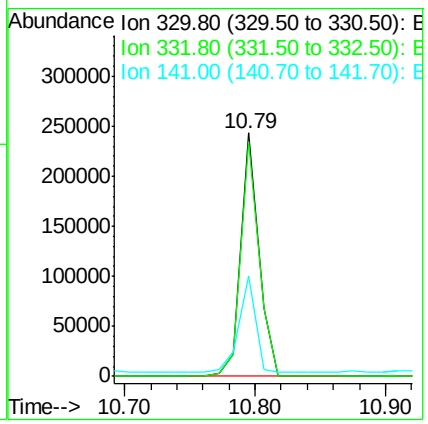


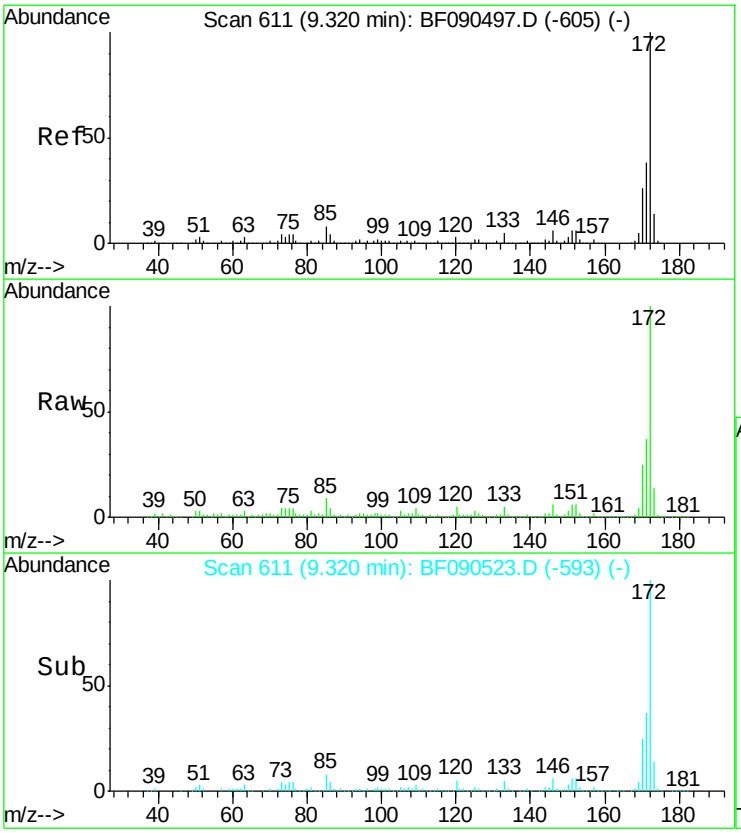
#41
2,4,6-Tribromophenol
Concen: 49.22 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:330 Resp: 232092

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.0
141	37.7	26.9	40.3

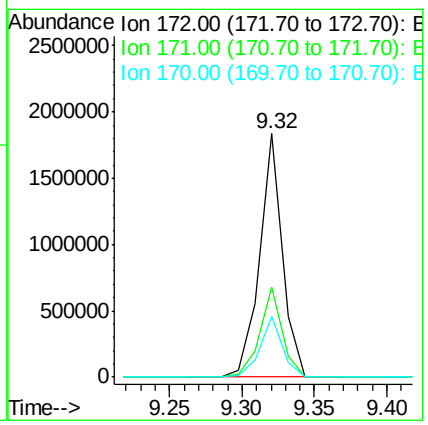


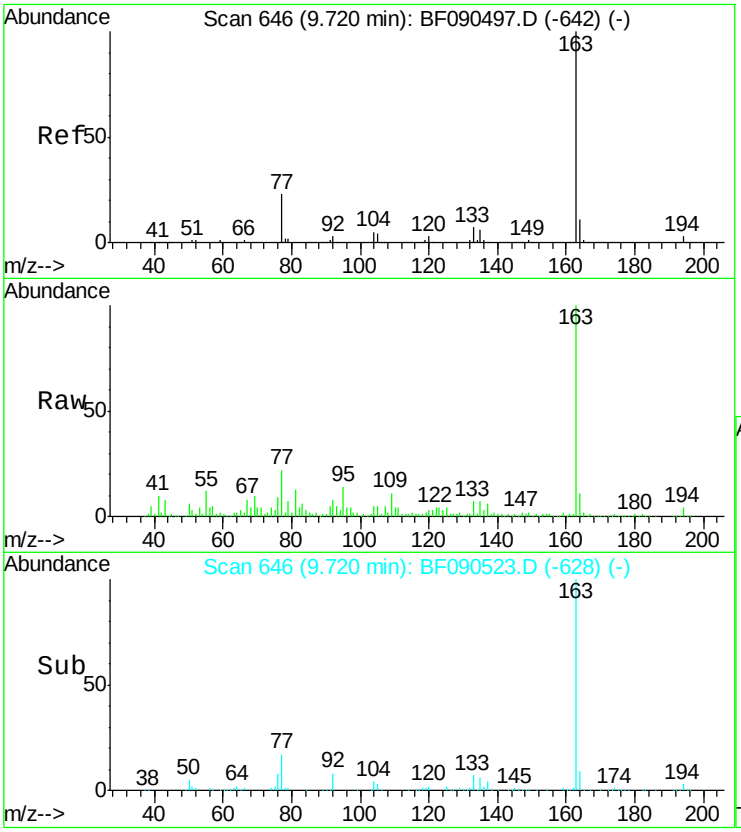


#44
2-Fluorobiphenyl
Concen: 70.38 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:172 Resp: 1992036

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.8	47.8
170	25.1	21.7	32.5



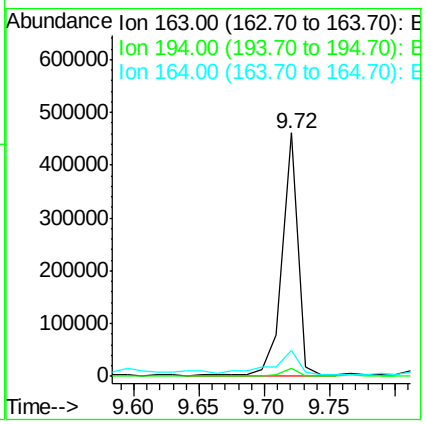


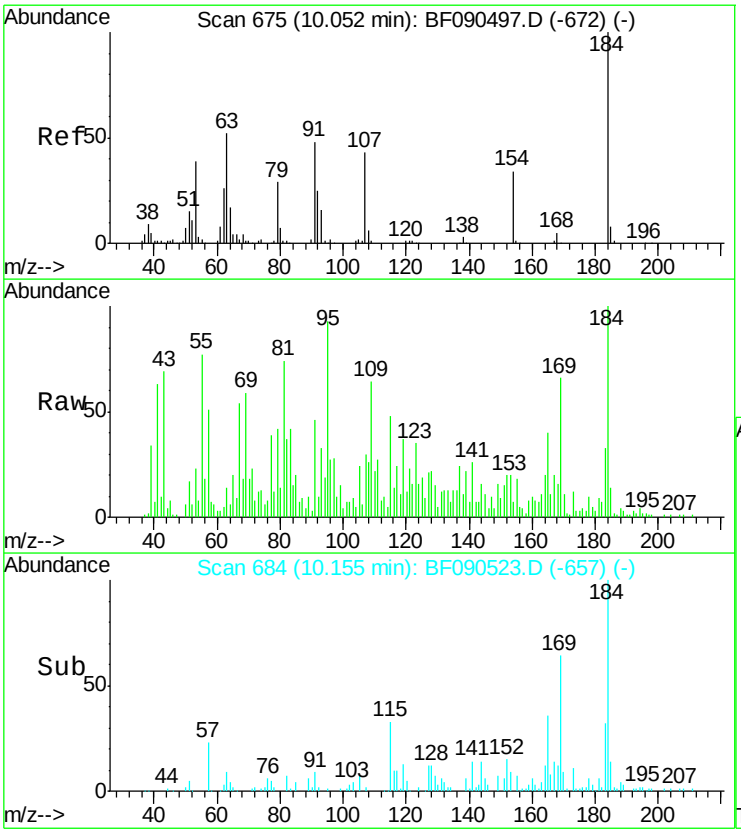
#49
Dimethylphthalate
Concen: 12.25 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:163 Resp: 391839

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.7	9.0	13.4

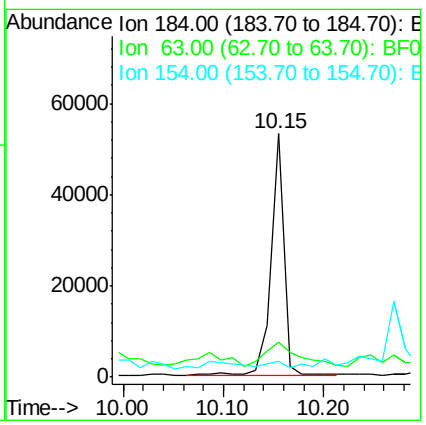


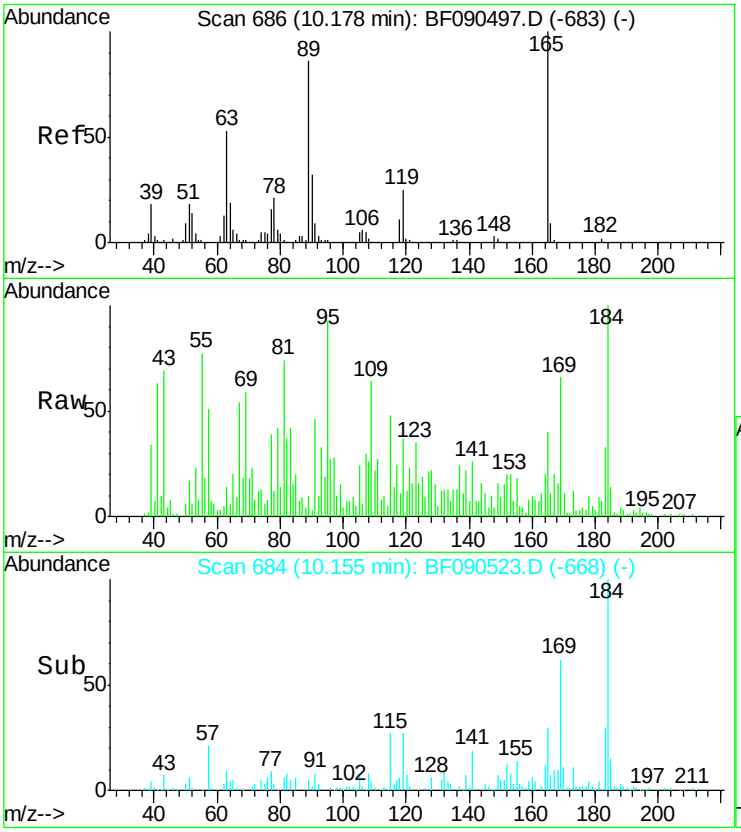


#53
2,4-Dinitrophenol
Concen: 12.14 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.10 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:184 Resp: 47579

Ion	Ratio	Lower	Upper
184	100		
63	14.4	41.9	62.9#
154	6.5	48.9	73.3#



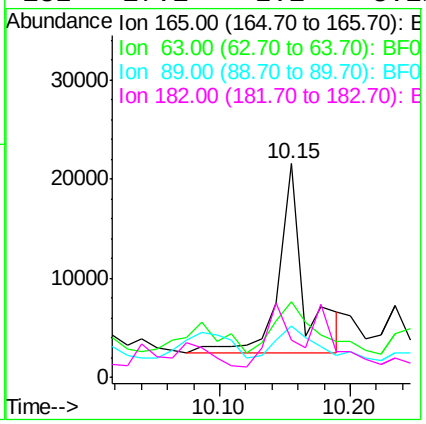


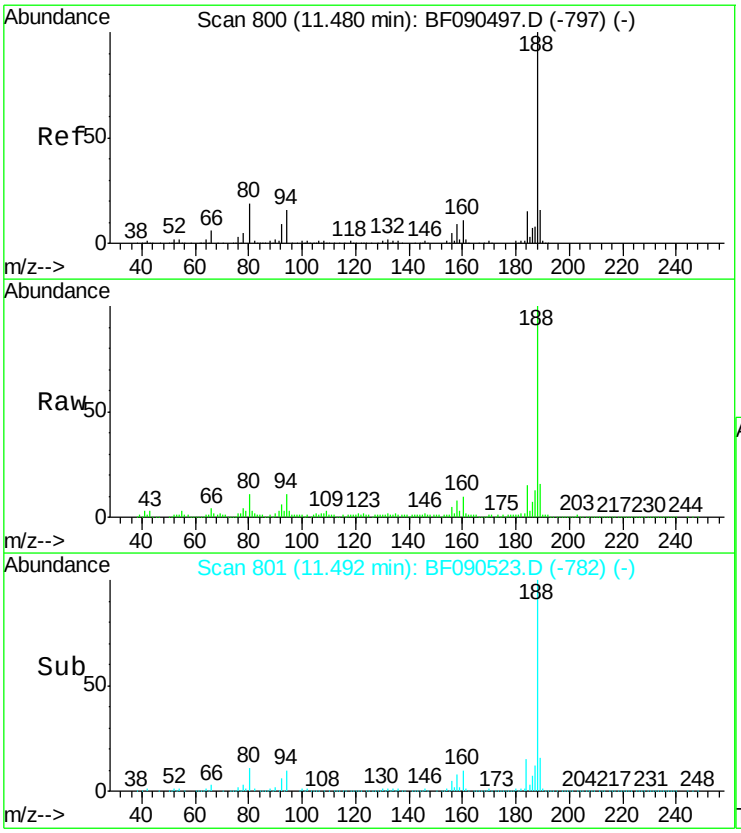
#56
2,4-Dinitrotoluene
Concen: 2.88 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:165 Resp: 26861

Ion	Ratio	Lower	Upper
165	100		
63	35.6	17.8	26.6#
89	24.1	33.2	49.8#
182	17.1	2.1	3.1#

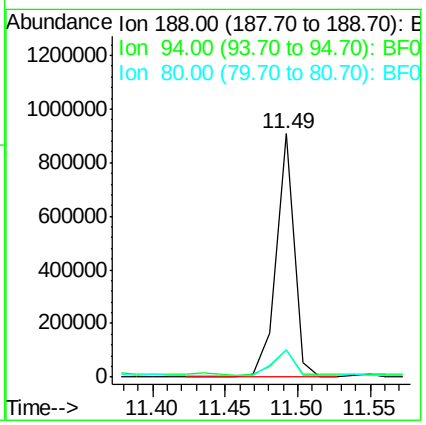


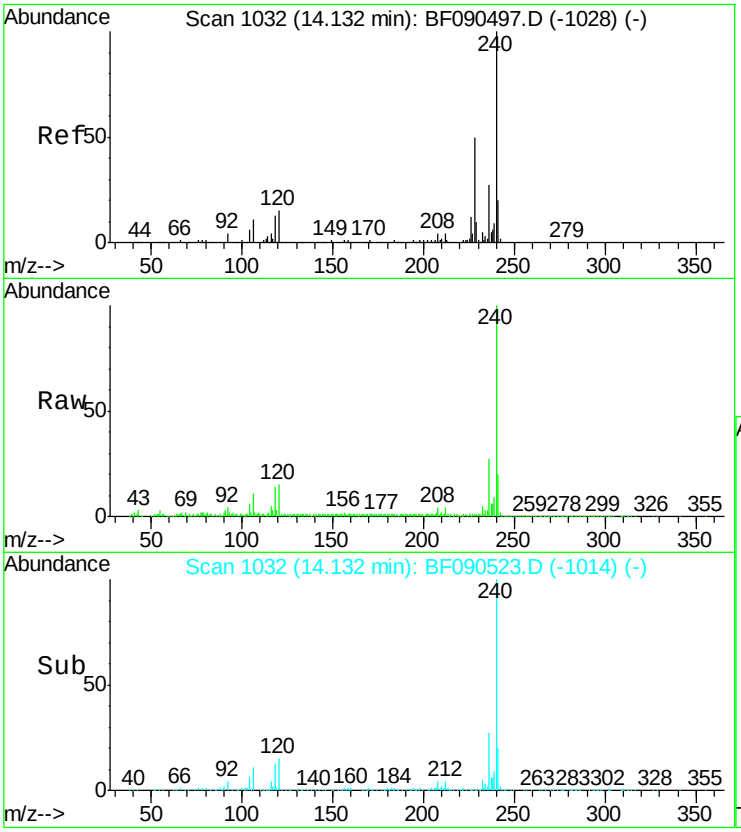


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:188 Resp: 776875

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	11.5	8.8	13.2



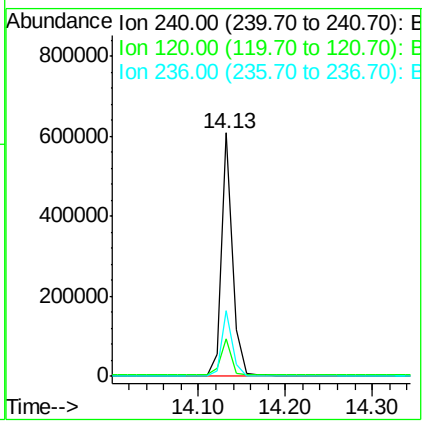


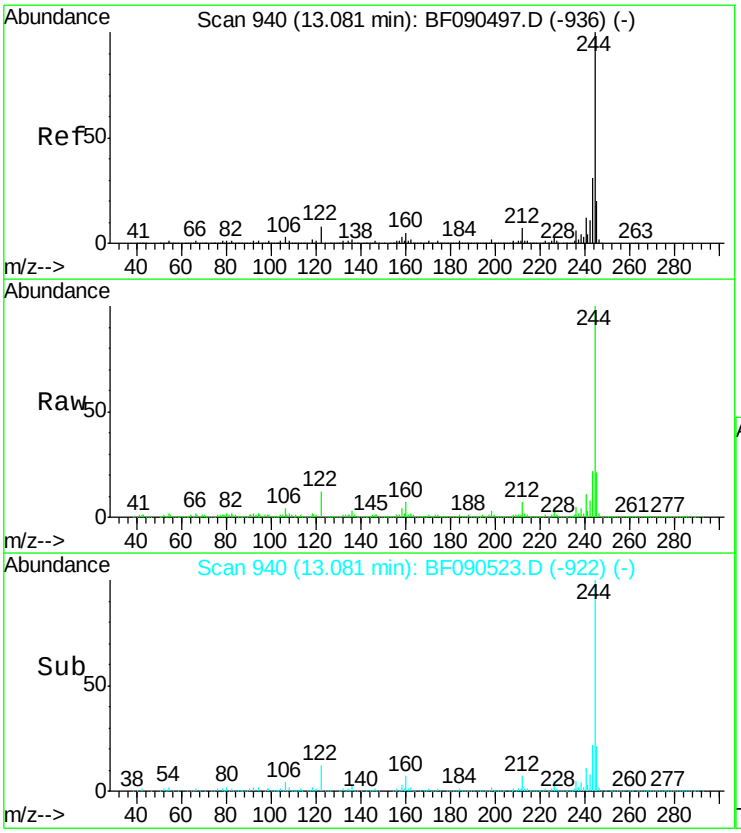
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:240 Resp: 539318

Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.6	13.0#
236	27.1	21.6	32.4

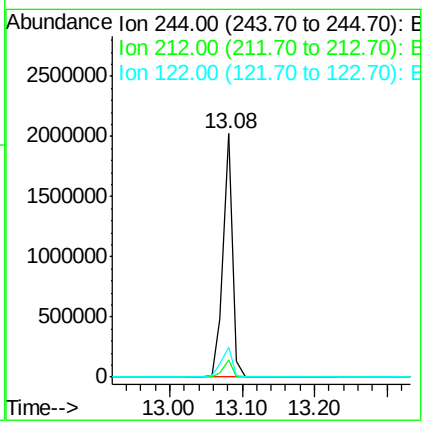


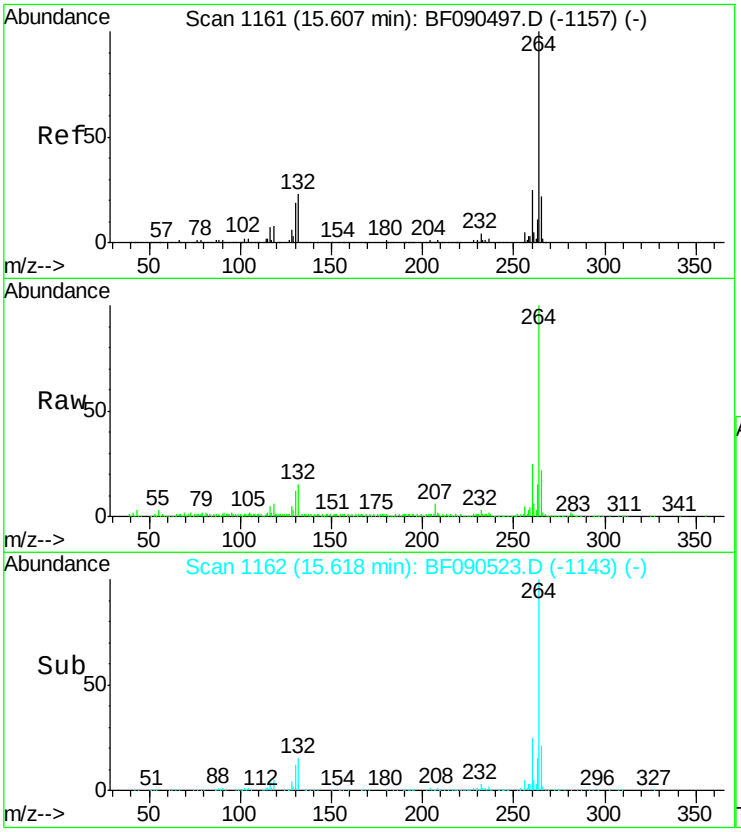


#78
Terphenyl-d14
Concen: 82.33 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Tgt Ion:244 Resp: 1816898

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.8	10.2
122	12.2	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF090523.D
Acq: 12 Oct 2016 1:24

Instrument :
BNA_F
ClientSampleId :
S8-0618

Tgt Ion:264 Resp: 428616

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.6	17.4	26.0