Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
Data File : BF092792.D
Acq On : 3 Feb 2017 23:00
Operator : SJ/MA
Sample : I1687-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B25-B30-001

Quant Time: Feb 03 23:47:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130110	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	531451	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	289443	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	523586	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	495850	20.00	ng	-0.05
86) Perylene-d12	15.56	264	391366	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1058328	139.55	ng	-0.03
7) Phenol-d6	6.57	99	1098066	112.53	ng	-0.03
23) Nitrobenzene-d5	7.49	82	914259	95.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	291191	139.10	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1413889	88.50	ng	-0.05
78) Terphenyl-d14	13.05	244	1470276	69.67	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.58	94	24426	2.14	ng	# 78
17) 2-Methylphenol	7.18	107	45653	6.36	ng	# 92
20) 3+4-Methylphenols	7.33	107	79435	9.26	ng	# 72
27) 2,4-Dimethylphenol	7.88	122	134586	16.45	ng	89
31) Naphthalene	8.22	128	156405	5.81	ng	100
37) 2-Methylnaphthalene	8.92	142	138171	7.99	ng	97
70) Phenanthrene	11.48	178	93434	3.11	ng	96

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

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Sample : I1687-04
Misc :
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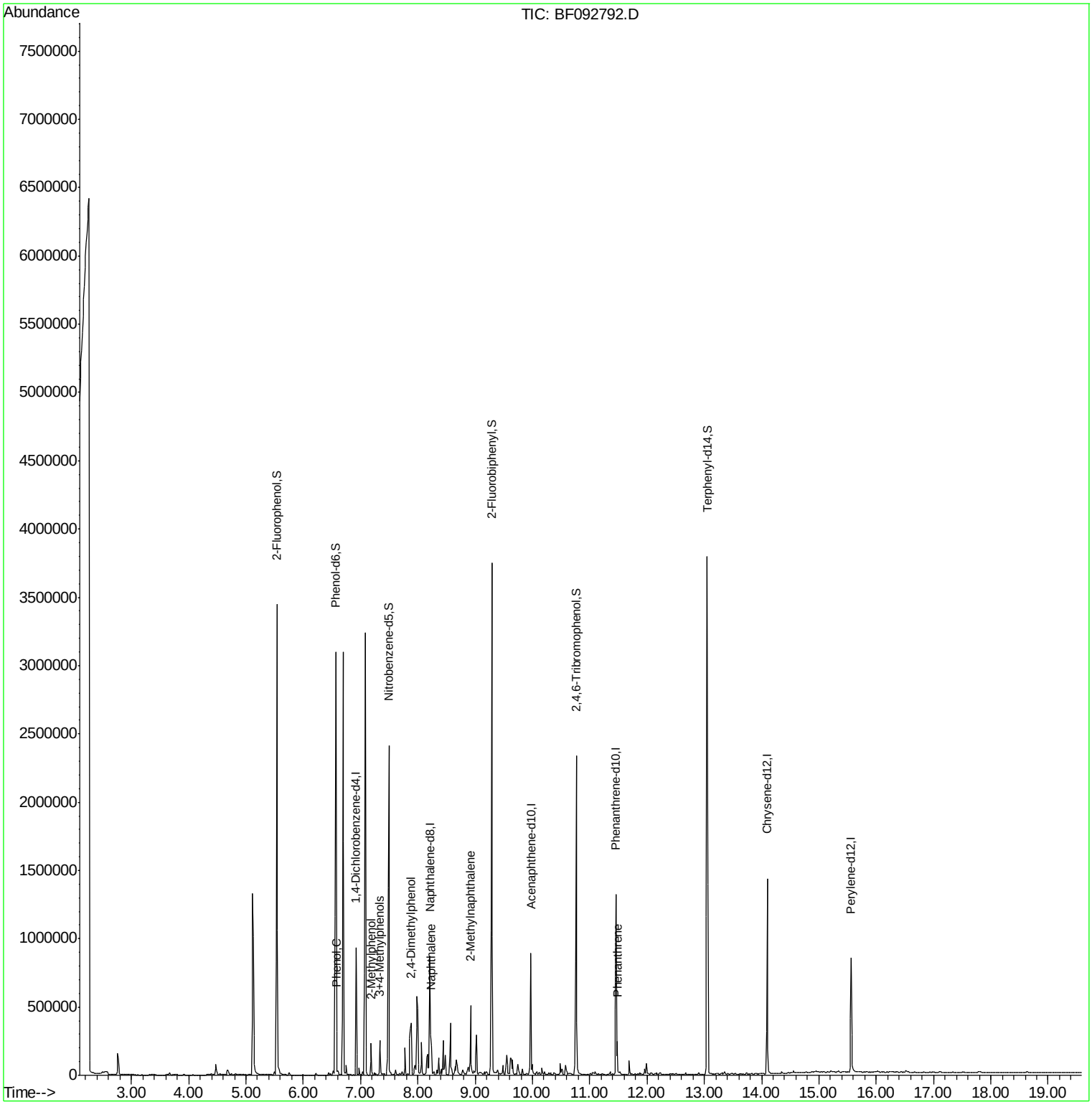
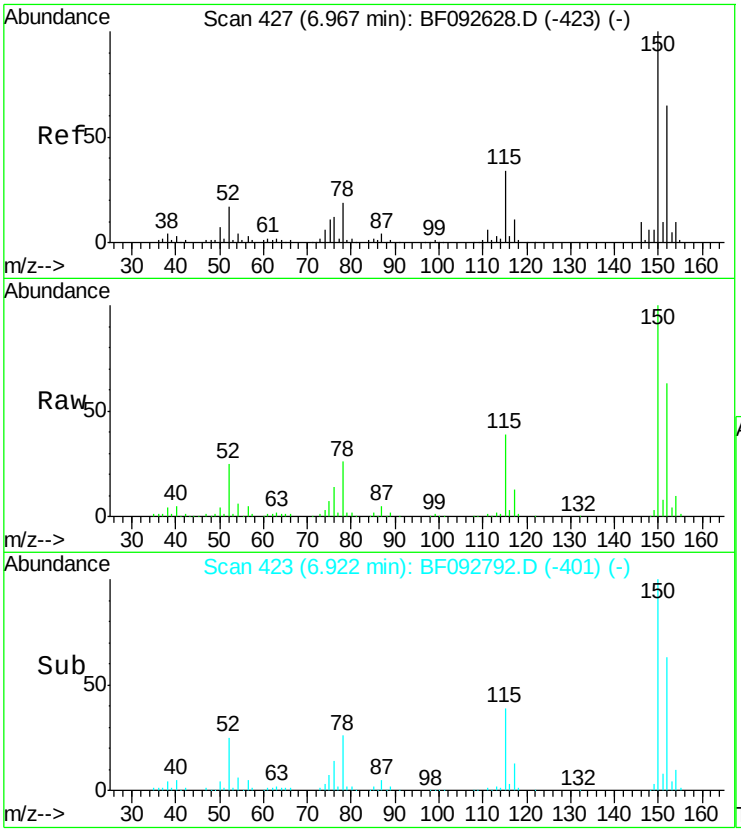


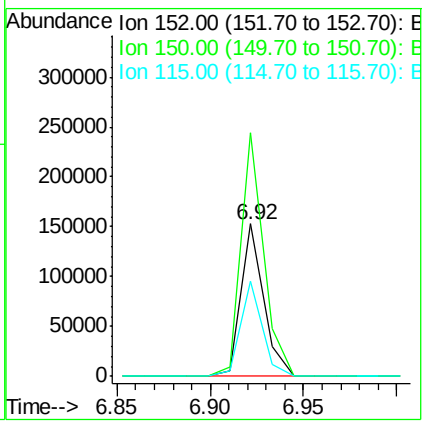


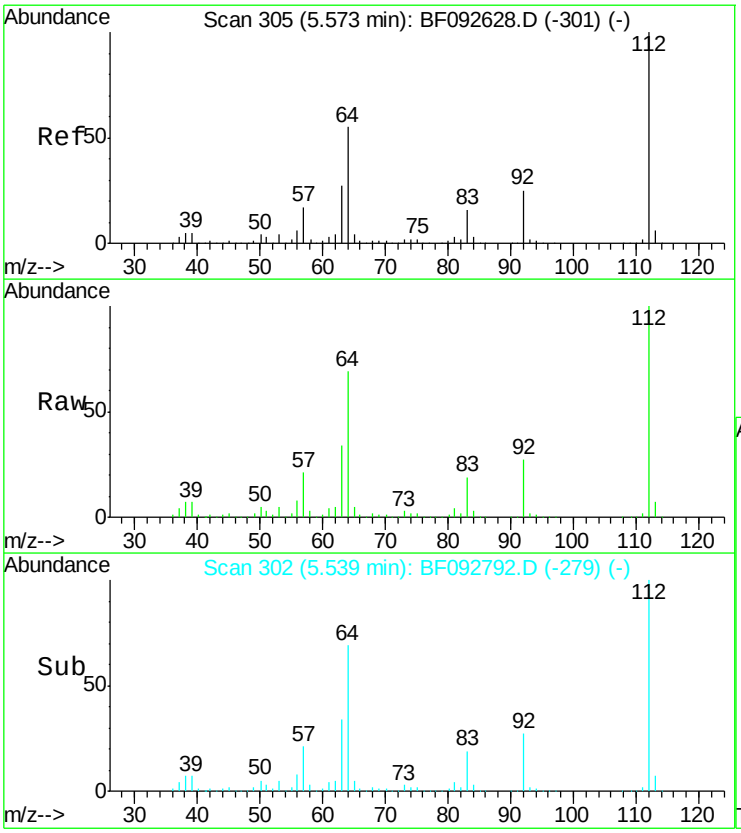
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:152 Resp: 130110

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.9	187.3
115	62.4	46.0	69.0

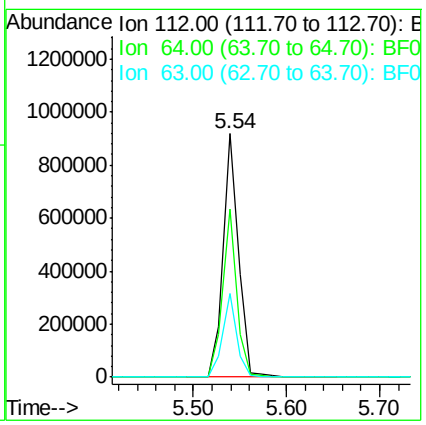


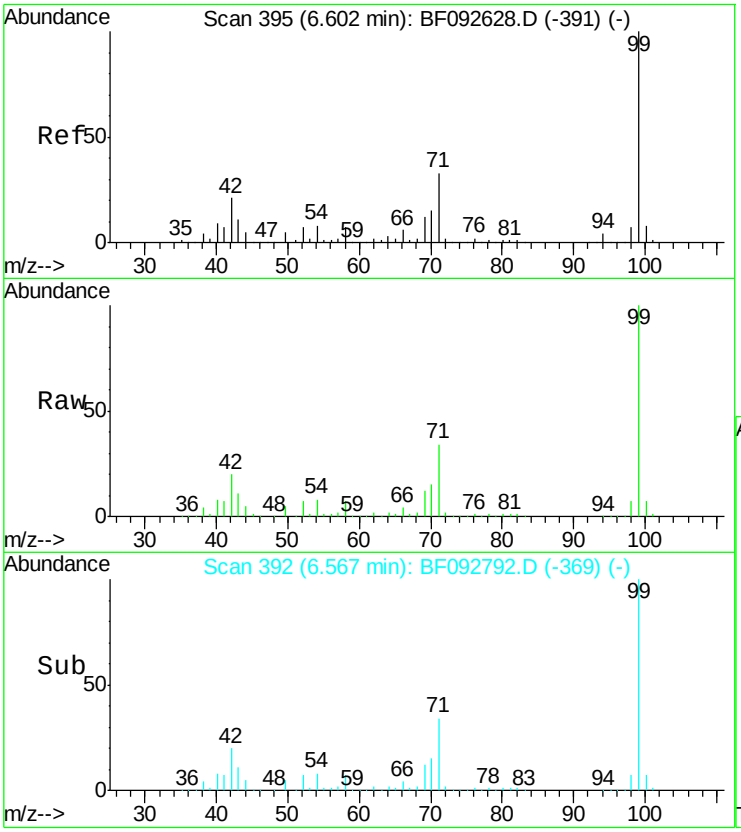


#5
2-Fluorophenol
Concen: 139.55 ng
RT: 5.54 min Scan# 302
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:112 Resp: 1058328

Ion	Ratio	Lower	Upper
112	100		
64	68.8	46.1	69.1
63	34.5	23.8	35.6



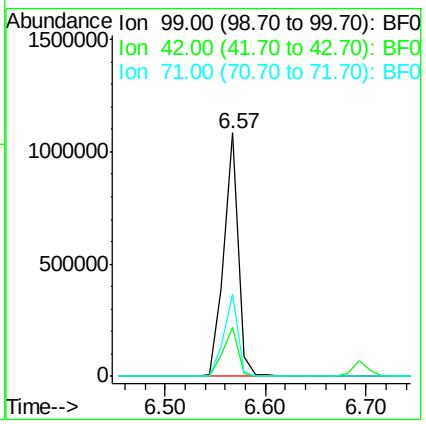


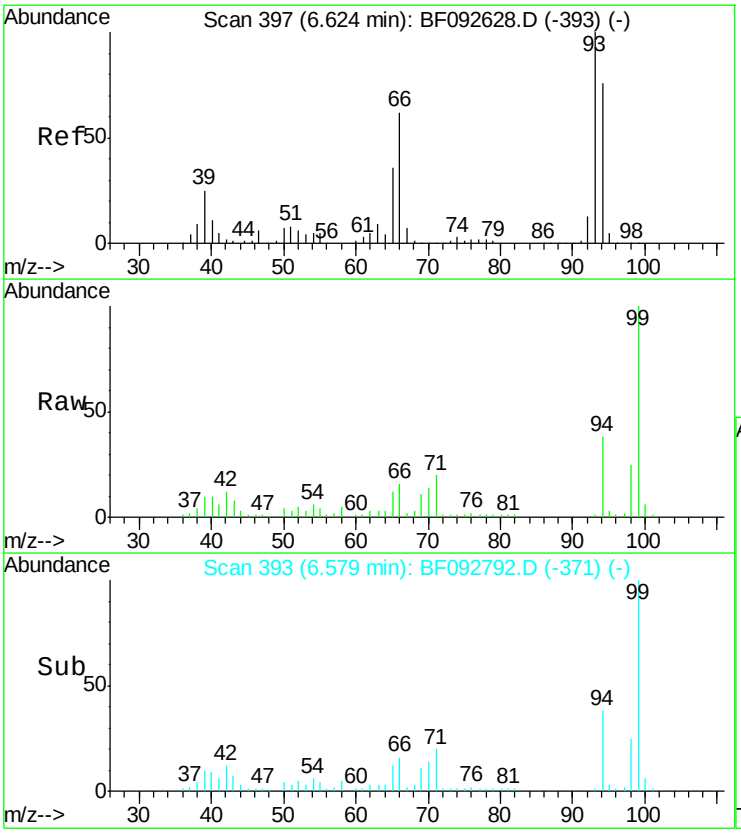
#7
Phenol-d6
Concen: 112.53 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion: 99 Resp: 1098066

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.6	27.5	41.3

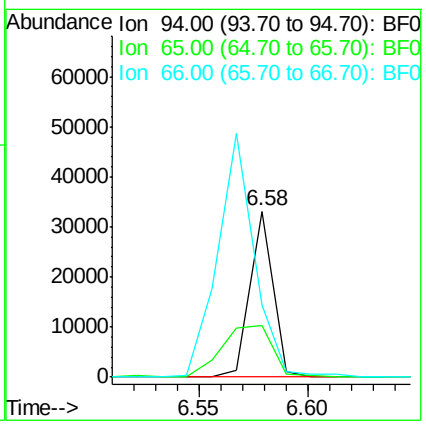


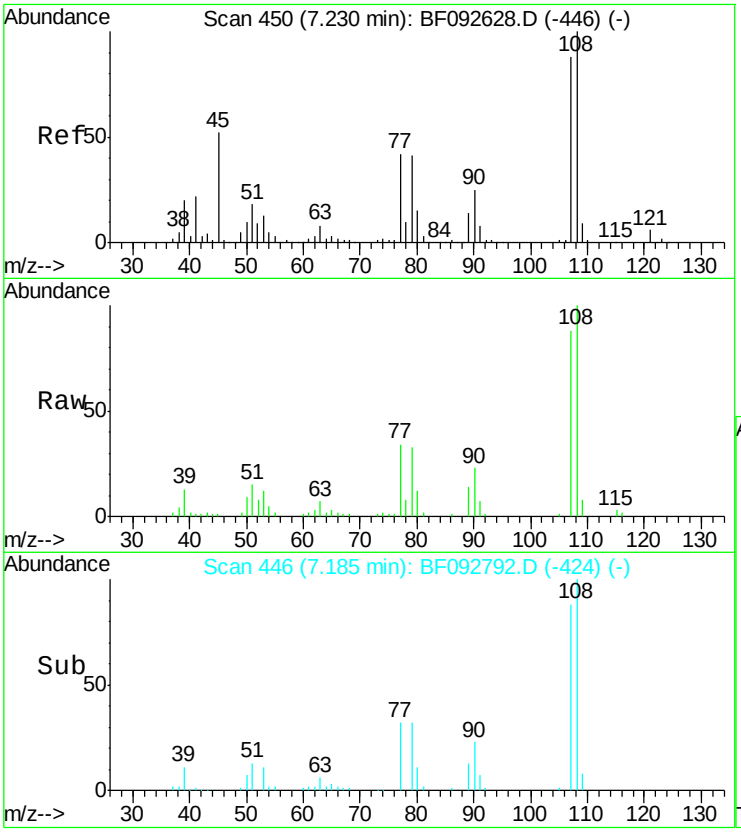


#10
Phenol
Concen: 2.14 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion: 94 Resp: 24426

Ion	Ratio	Lower	Upper
94	100		
65	30.8	21.4	61.4
66	43.6	44.0	84.0#



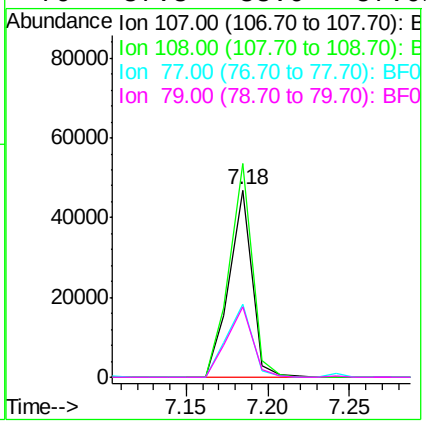


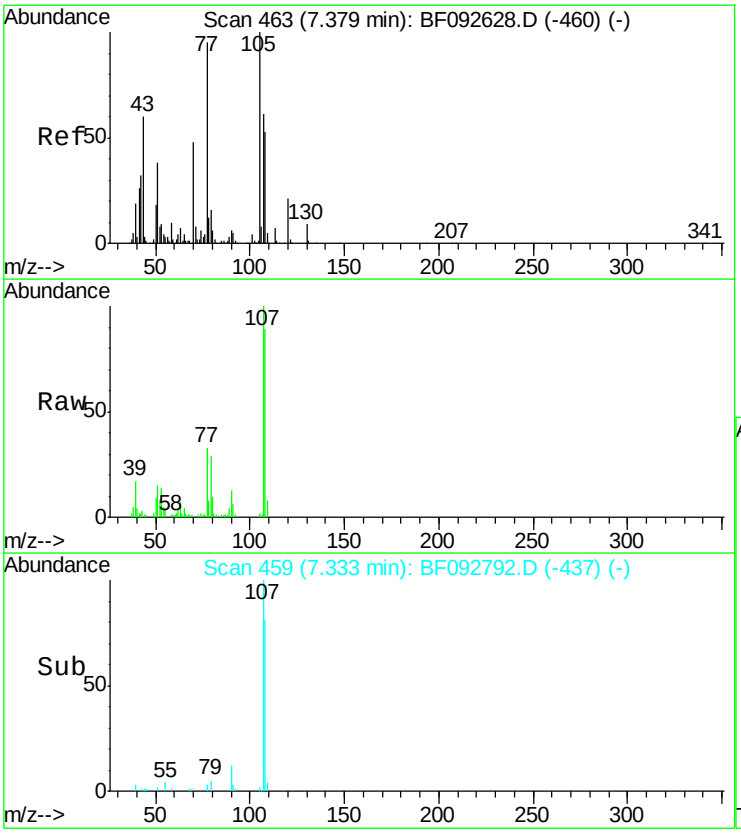
#17
2-Methylphenol
Concen: 6.36 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:107 Resp: 45653

Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.6
77	39.0	39.8	59.8#
79	37.8	38.0	57.0#

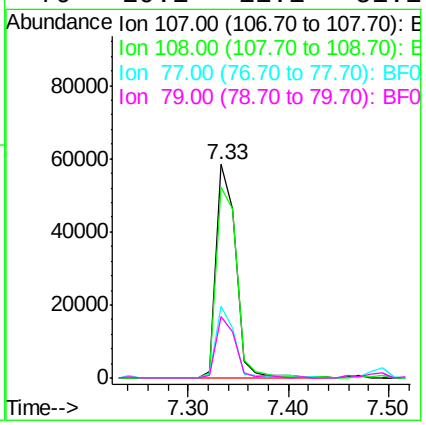


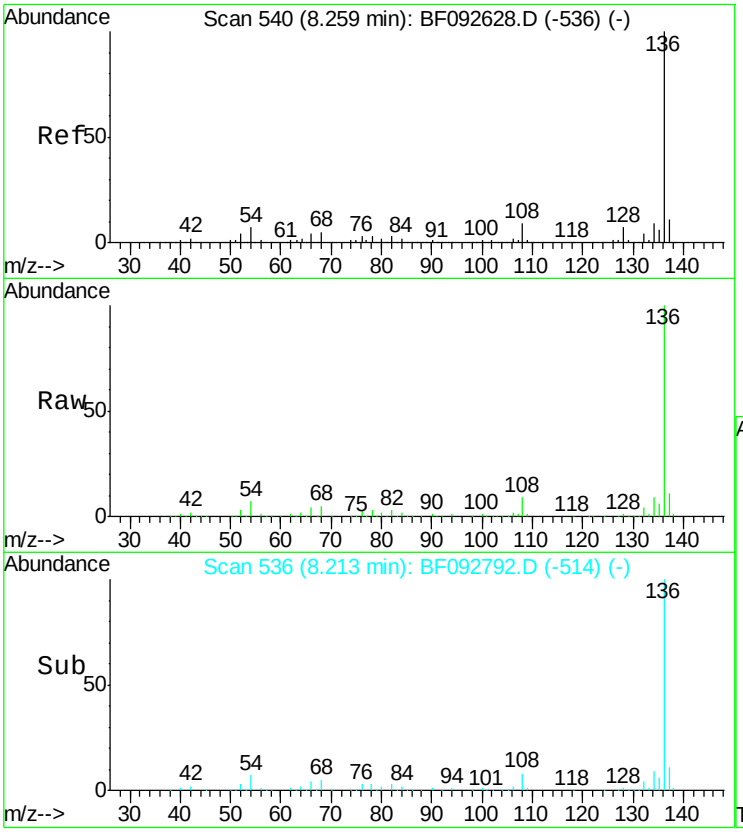


#20
3+4-Methylphenols
Concen: 9.26 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:107 Resp: 79435

Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	33.3	71.3	111.3#
79	29.1	11.1	51.1



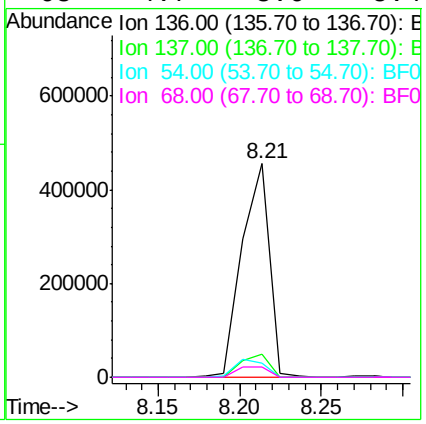


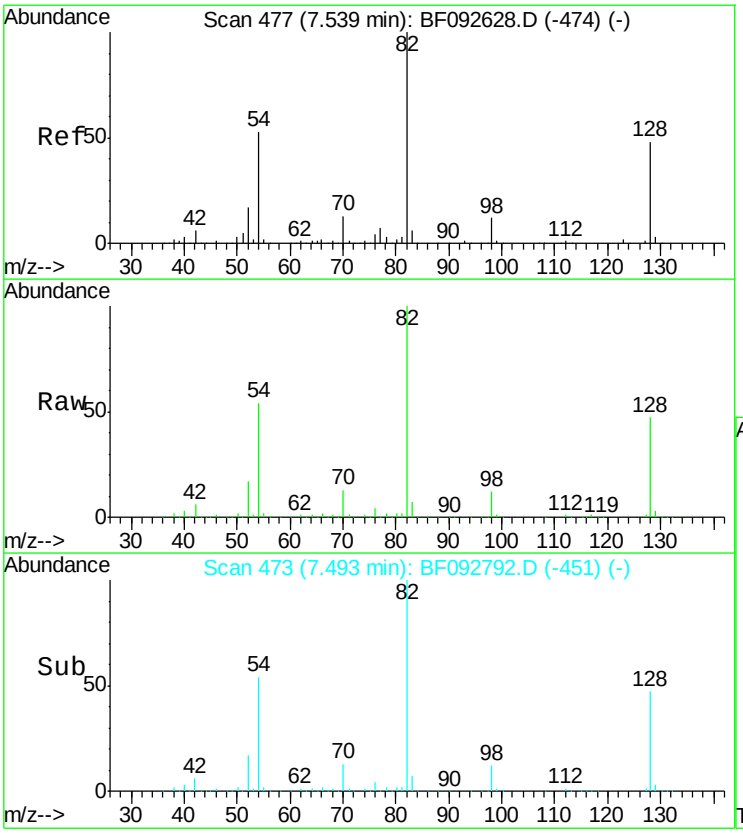
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:136 Resp: 531451

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.9	4.5	6.7#
68	4.7	3.6	5.4

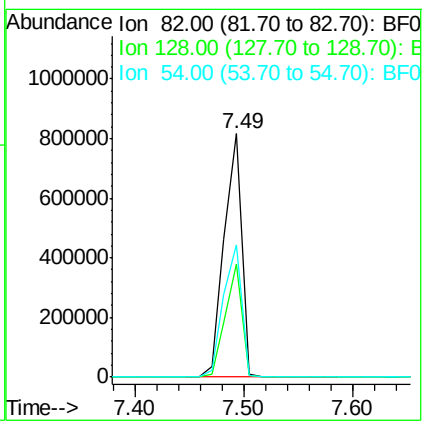


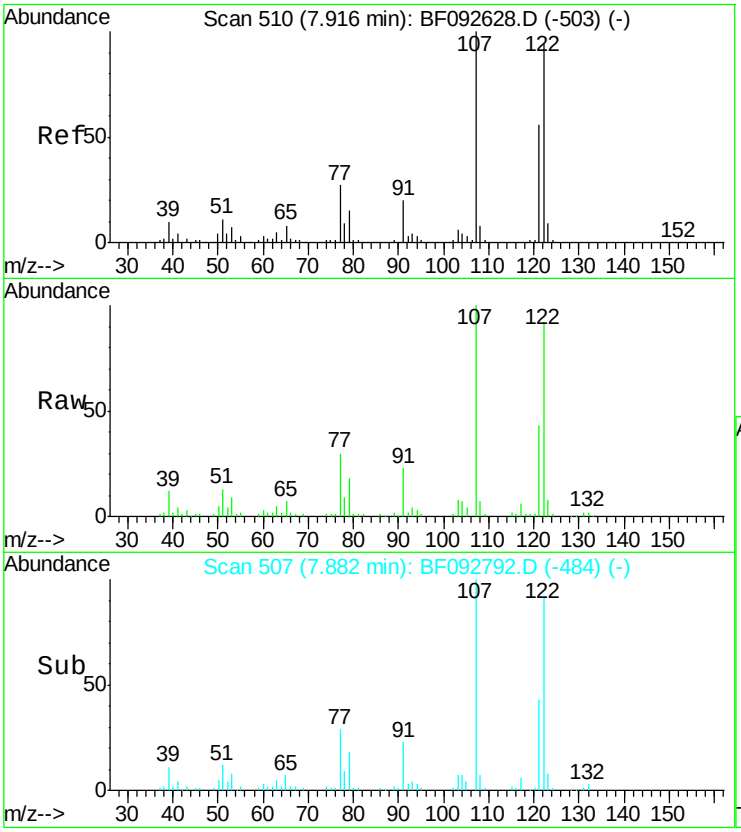


#23
Nitrobenzene-d5
Concen: 95.80 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion: 82 Resp: 914259

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	52.0
54	54.1	39.5	59.3



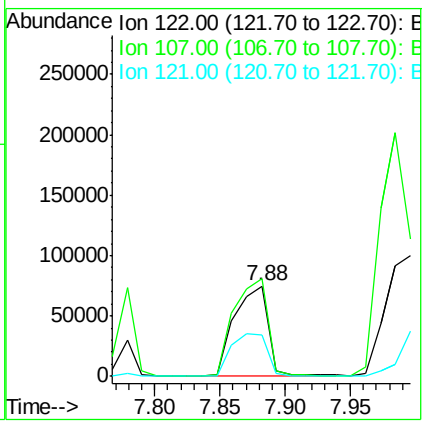


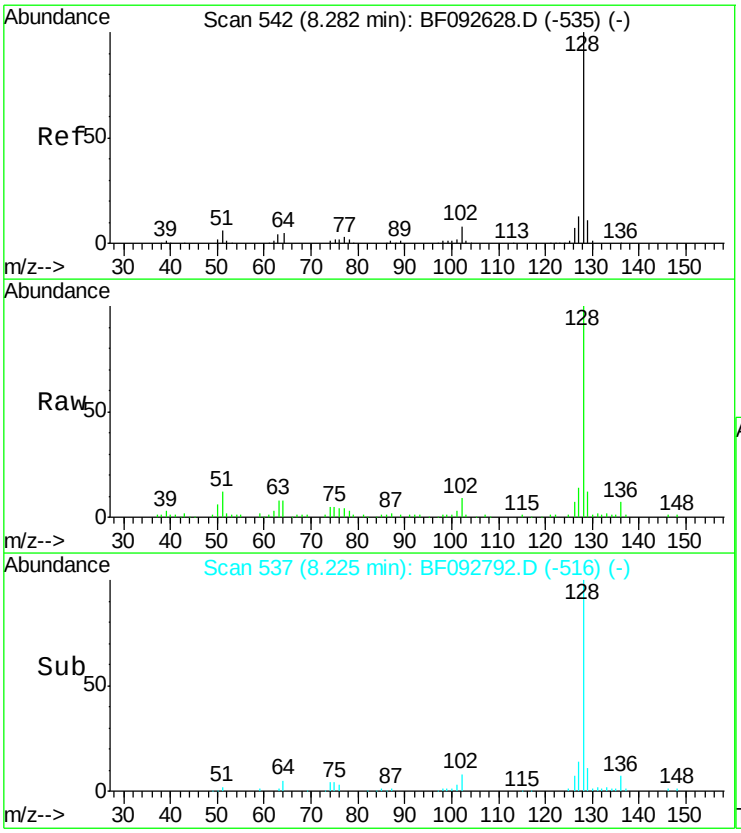
#27
2,4-Dimethylphenol
Concen: 16.45 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:122 Resp: 134586

Ion	Ratio	Lower	Upper
122	100		
107	108.2	94.1	141.1
121	46.1	46.0	69.0

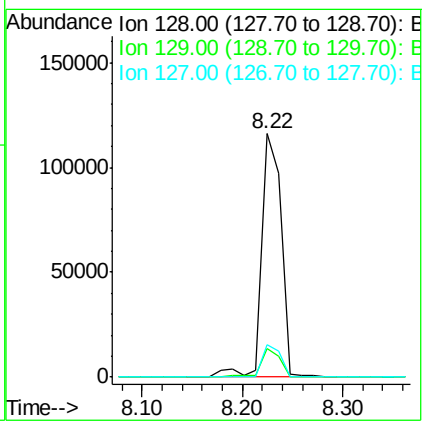


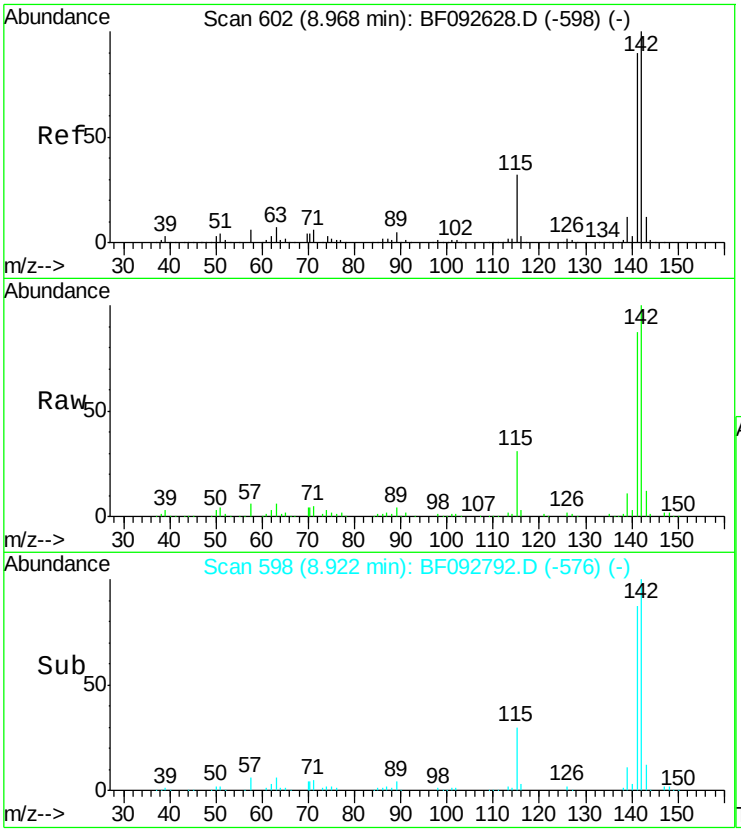


#31
Naphthalene
Concen: 5.81 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:128 Resp: 156405

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.5	10.8	16.2



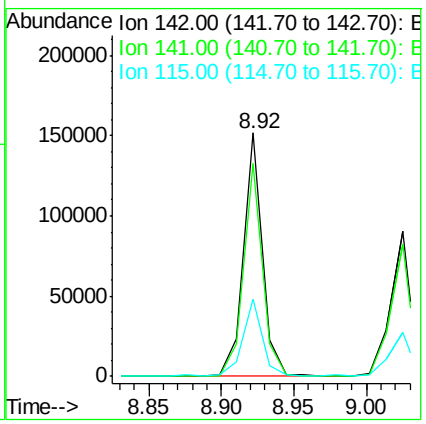


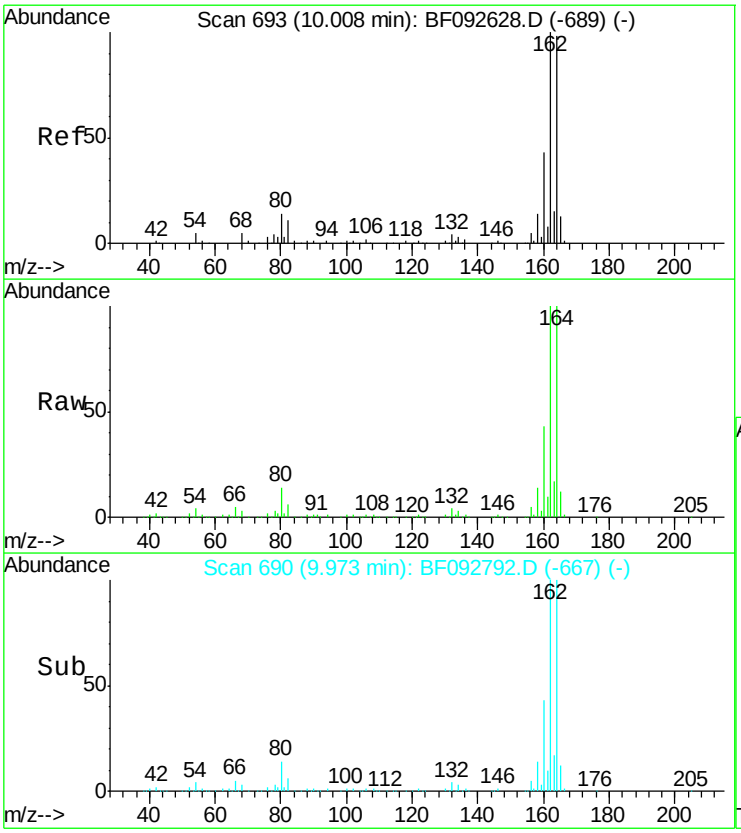
#37
2-Methylnaphthalene
Concen: 7.99 ng
RT: 8.92 min Scan# 598
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:142 Resp: 138171

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	31.5	28.3	42.5

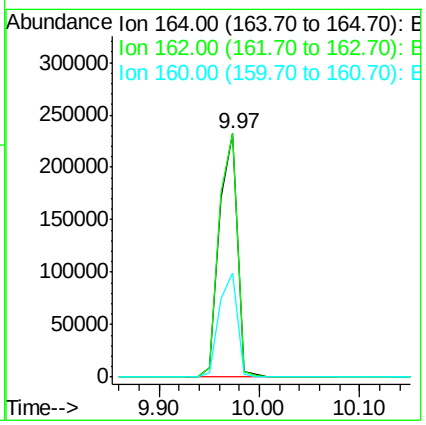


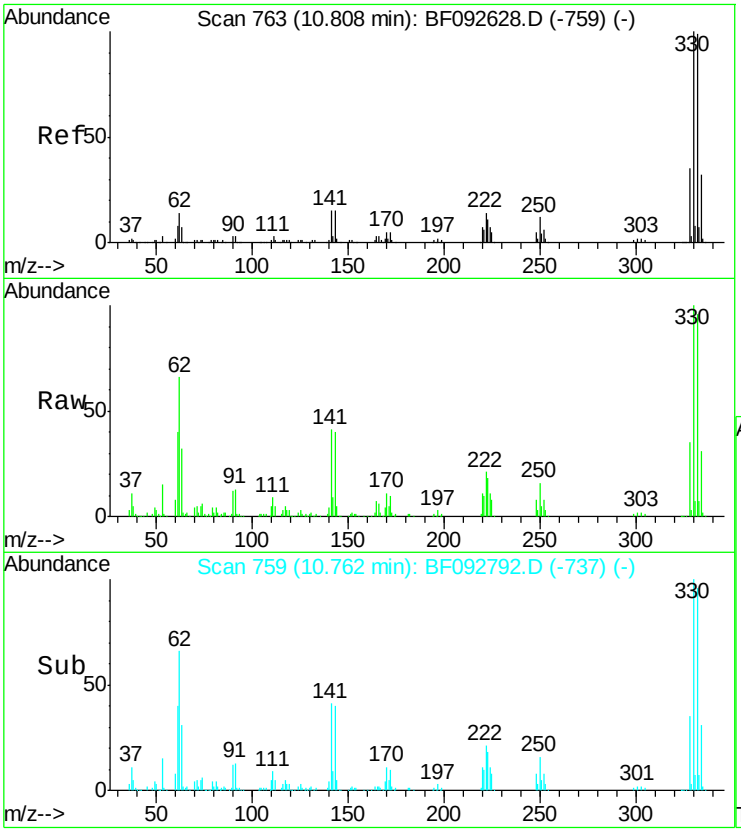


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:164 Resp: 289443

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	42.6	36.9	55.3



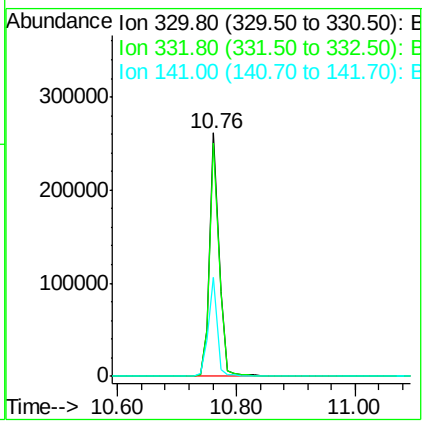


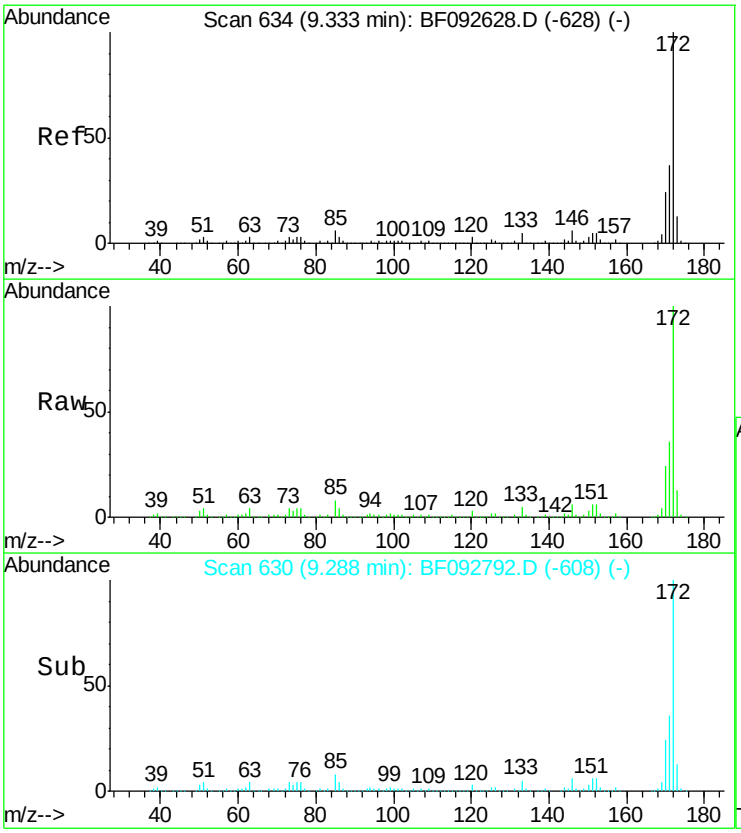
#41
2,4,6-Tribromophenol
Concen: 139.10 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:330 Resp: 291191

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	38.5	34.1	51.1

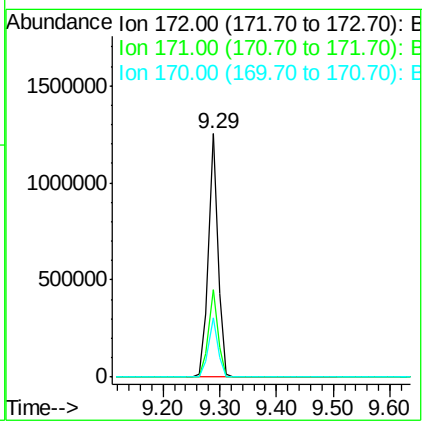


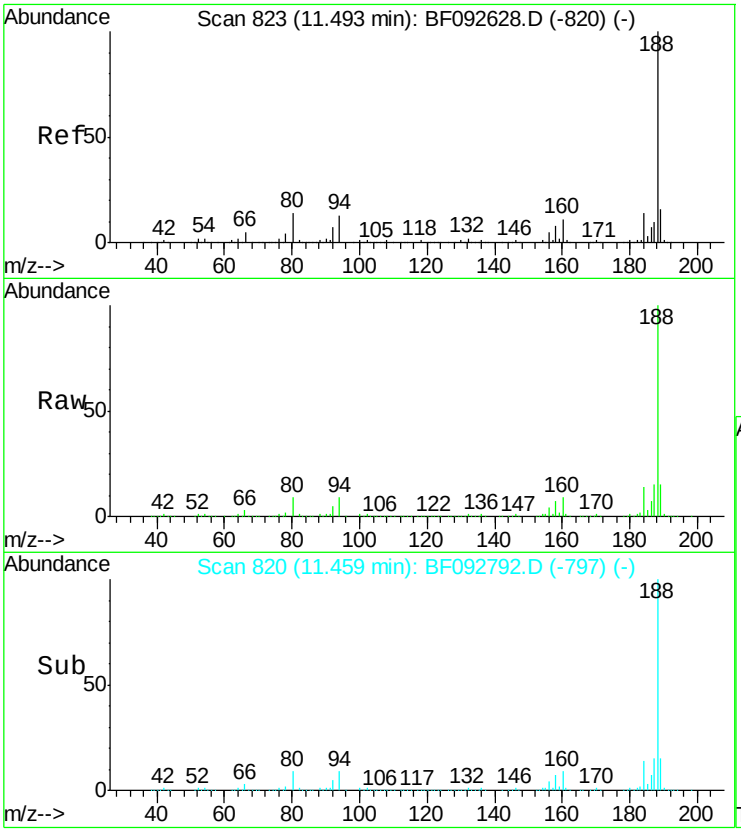


#44
2-Fluorobiphenyl
Concen: 88.50 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:172 Resp: 1413889

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4



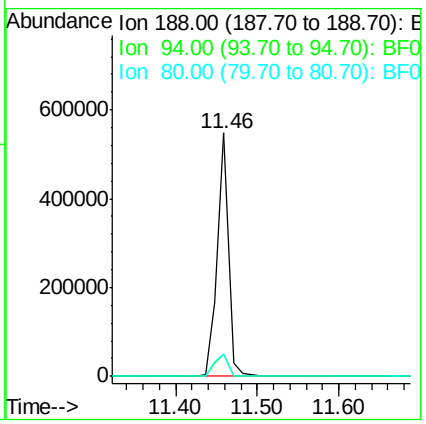


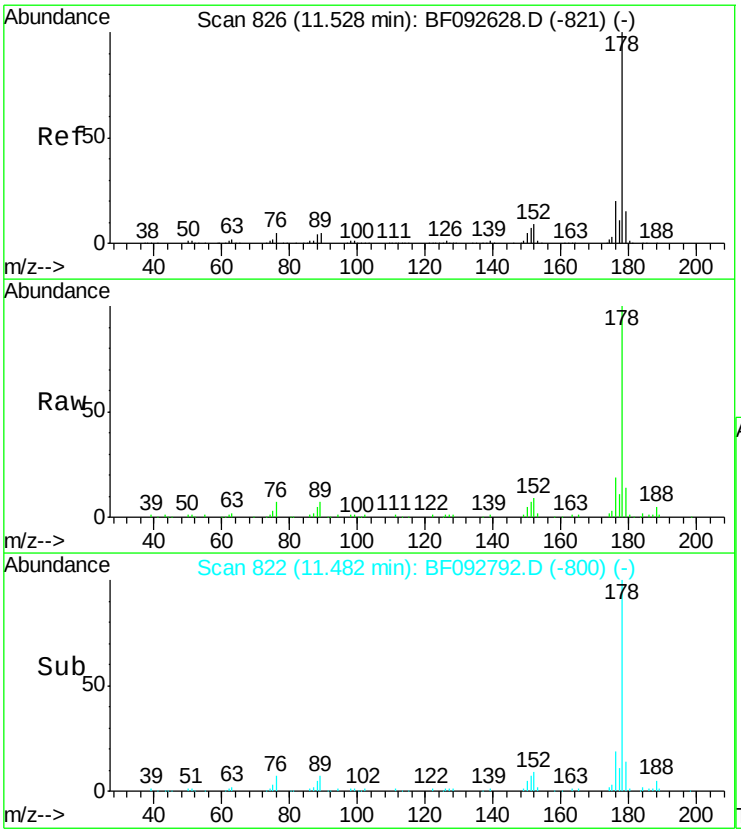
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:188 Resp: 523586

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	8.9	11.2	16.8#

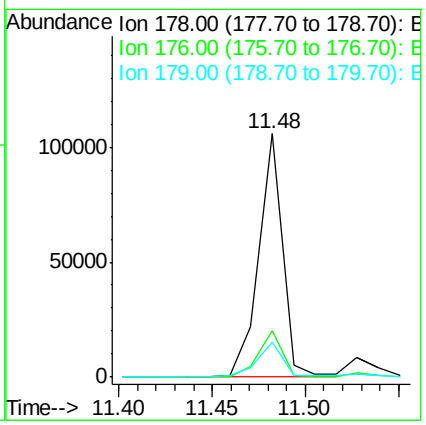


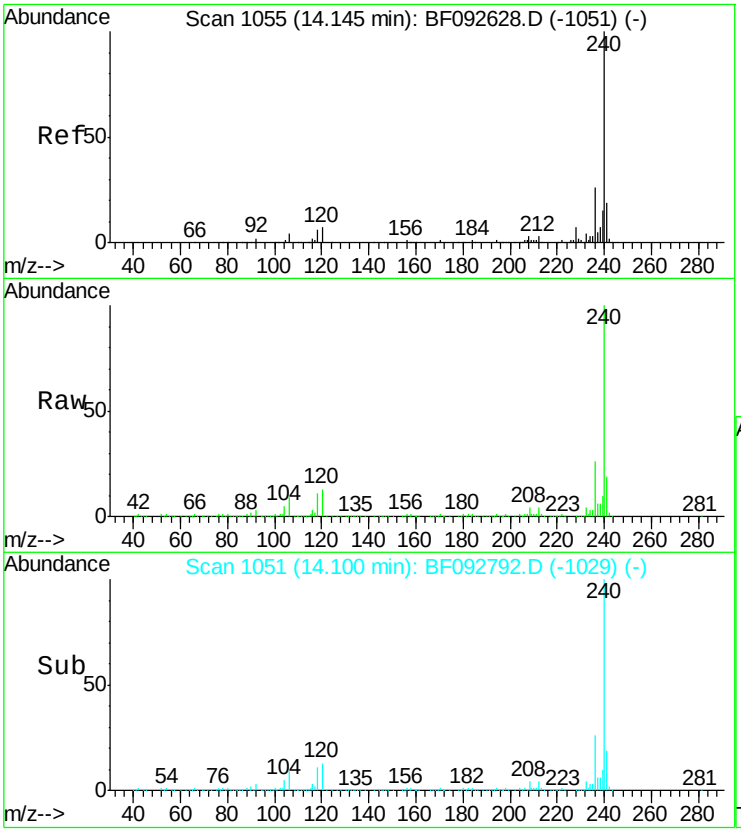


#70
Phenanthrene
Concen: 3.11 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:178 Resp: 93434

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	14.4	12.8	19.2



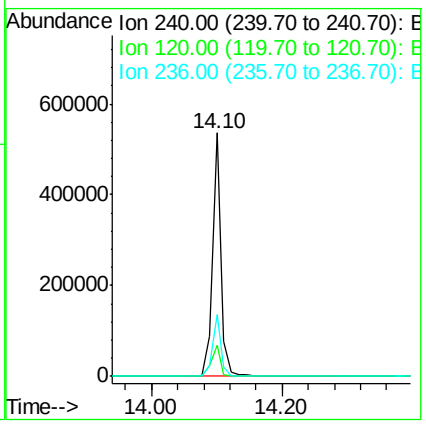


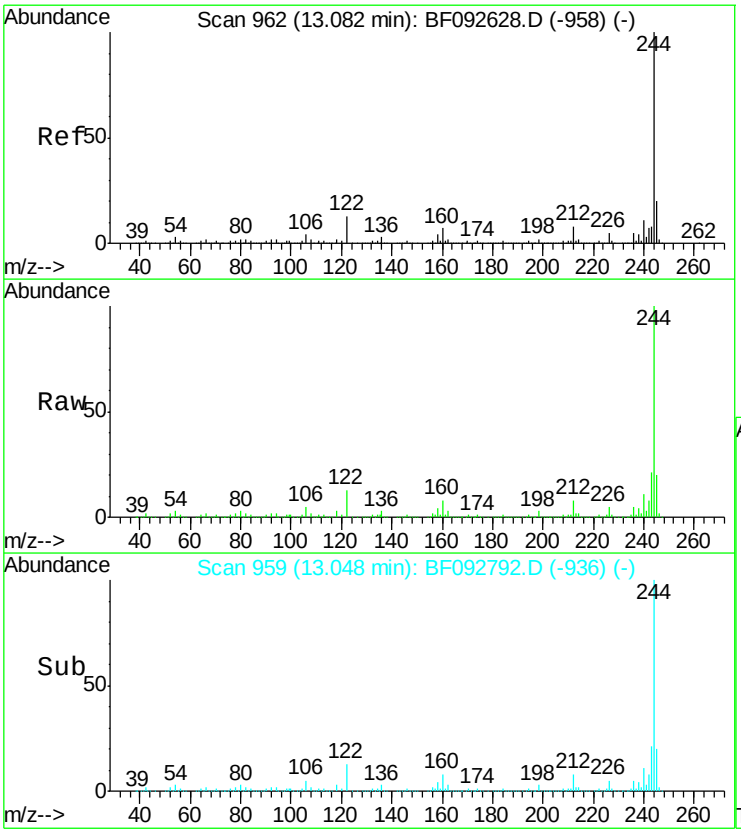
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:240 Resp: 495850

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	25.5	20.9	31.3

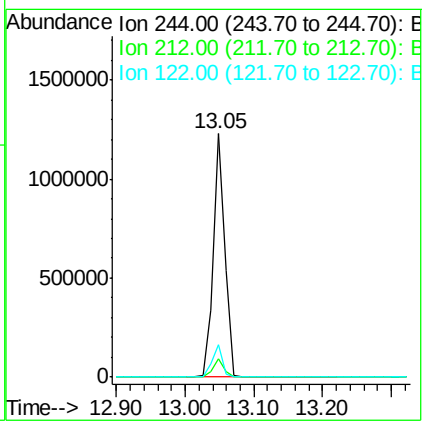


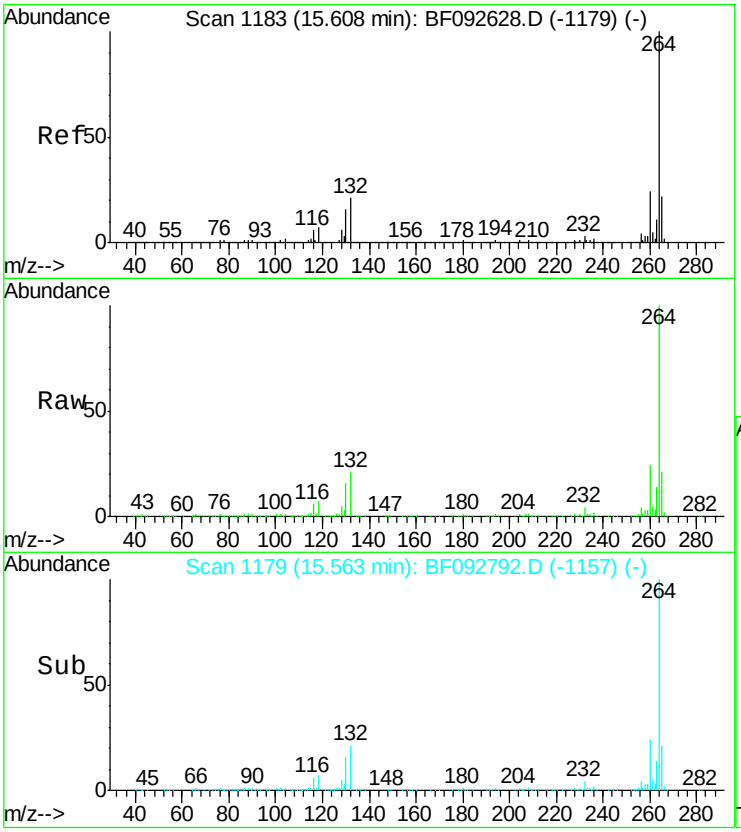


#78
Terphenyl-d14
Concen: 69.67 ng
RT: 13.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Tgt Ion:244 Resp: 1470276

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092792.D
Acq: 3 Feb 2017 23:00

Instrument :
BNA_F
ClientSampleId :
WC-B25-B30-001

Tgt Ion:264 Resp: 391366

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.4	26.0