Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088464.D
Acq On : 27 Jun 2016 21:23
Operator : UM/SJ
Sample : H3728-01 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-PAV-2

Quant Time: Jun 28 04:53:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	1567	20.00	ng	0.01
21) Naphthalene-d8	7.84	136	9879	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	4360	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	6289	20.00	ng	0.00
75) Chrysene-d12	13.69	240	6157	20.00	ng	0.00
86) Perylene-d12	15.04	264	7512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	8217	89.64	ng	0.07
7) Phenol-d6	6.25	99	15405	138.68	ng	0.01
23) Nitrobenzene-d5	7.16	82	8139	48.11	ng	0.02
41) 2,4,6-Tribromophenol	10.38	330	1494	32.45	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	21701	77.71	ng	-0.01
78) Terphenyl-d14	12.63	244	14158	52.33	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	63964	1436.13	ng	# 98
25) Isophorone	7.16	82	8138	25.97	ng	# 65
49) Dimethylphthalate	9.31	163	2437	7.72	ng	# 77
50) 2,6-Dinitrotoluene	9.58	165	366	5.06	ng	# 37
56) 2,4-Dinitrotoluene	9.58	165	366	3.94	ng	# 36
70) Phenanthrene	11.08	178	2168	6.57	ng	# 59
74) Fluoranthene	12.26	202	2191	6.29	ng	80
77) Pyrene	12.49	202	2321	5.08	ng	# 94
80) Benzo(a)anthracene	13.68	228	2821	8.04	ng	# 67
82) Chrysene	13.68	228	2821	8.55	ng	# 74
83) Bis(2-ethylhexyl)phthalate	13.67	149	610	2.48	ng	# 53
85) Indeno(1,2,3-cd)pyrene	16.31	276	1192	3.89	ng	# 100
87) Benzo(b)fluoranthene	14.69	252	3694	7.06	ng	# 13
88) Benzo(k)fluoranthene	14.69	252	3694	9.35	ng	# 23
89) Benzo(a)pyrene	15.01	252	2321	5.48	ng	# 36
91) Benzo(g,h,i)perylene	16.69	276	1633	4.03	ng	# 45

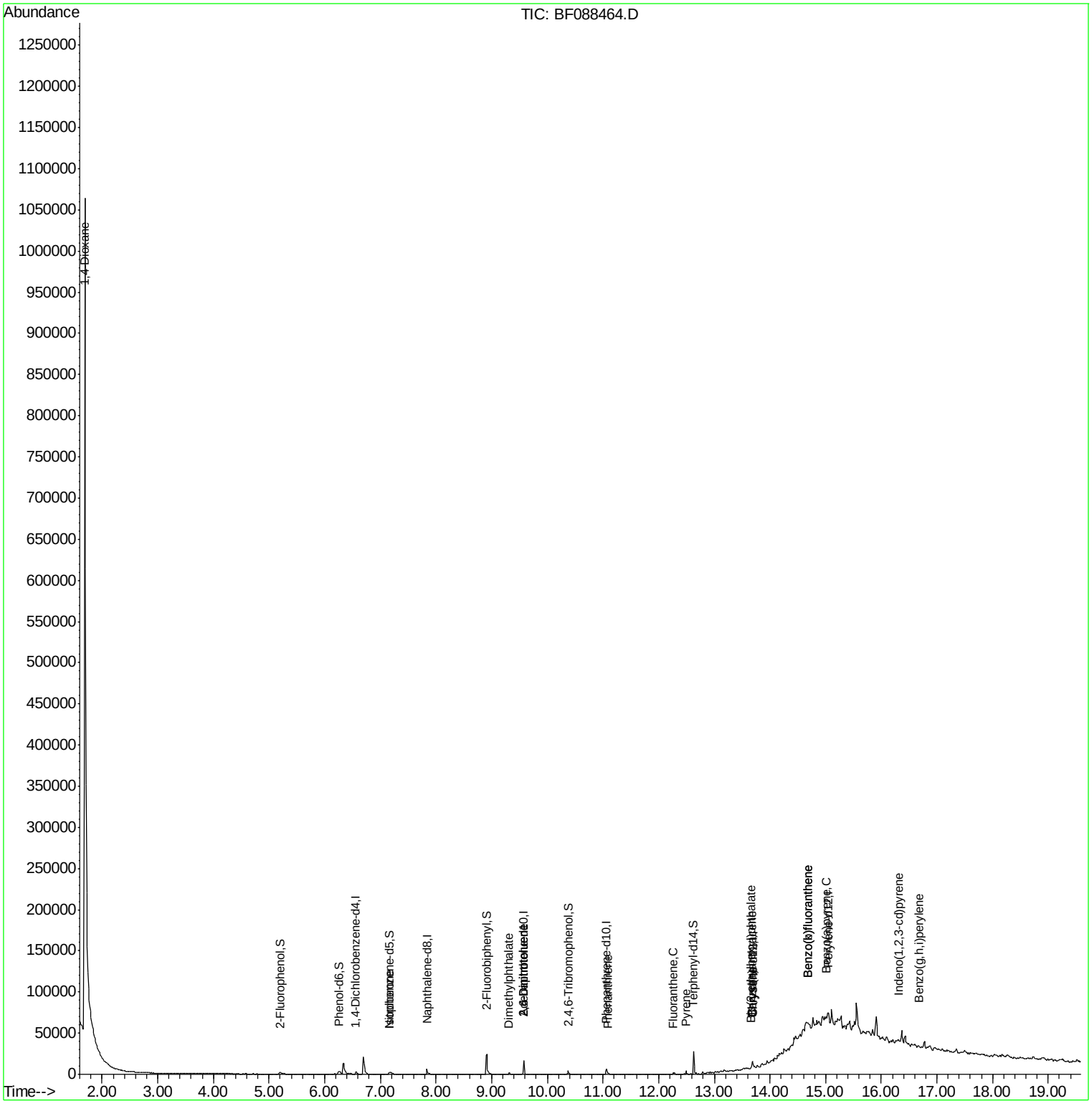
(#) = qualifier out of range (m) = manual integration (+) = signals summed

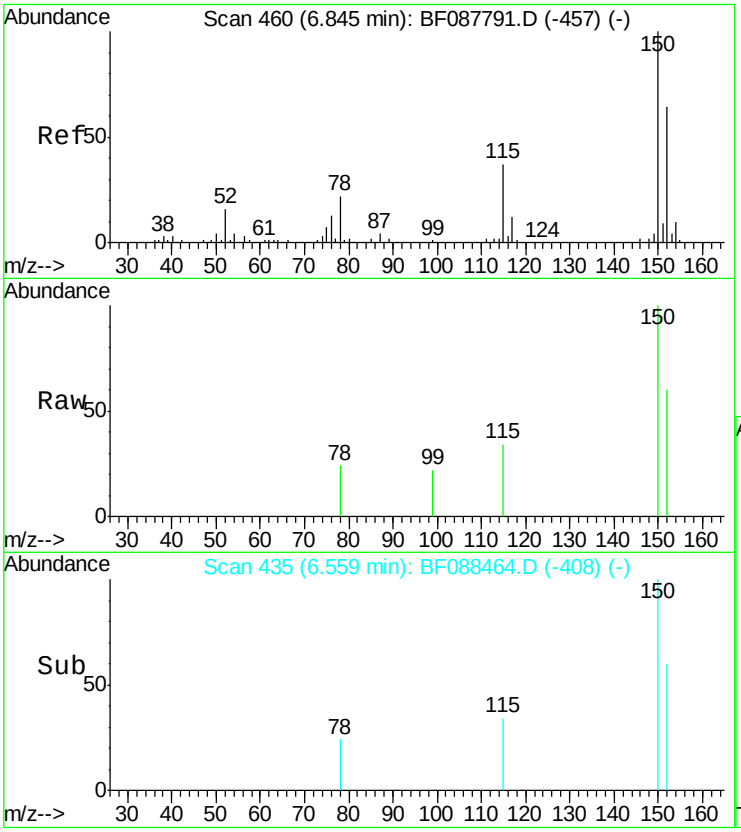
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062716\
Data File : BF088464.D
Acq On : 27 Jun 2016 21:23
Operator : UM/SJ
Sample : H3728-01 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Quant Time: Jun 28 04:53:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration



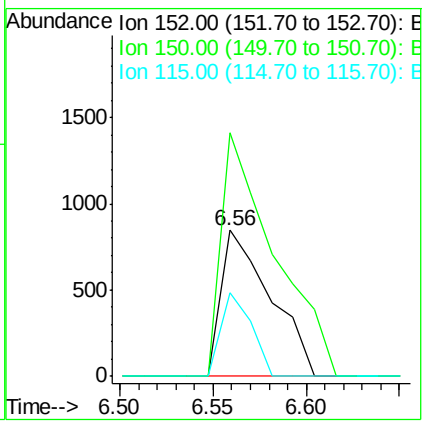


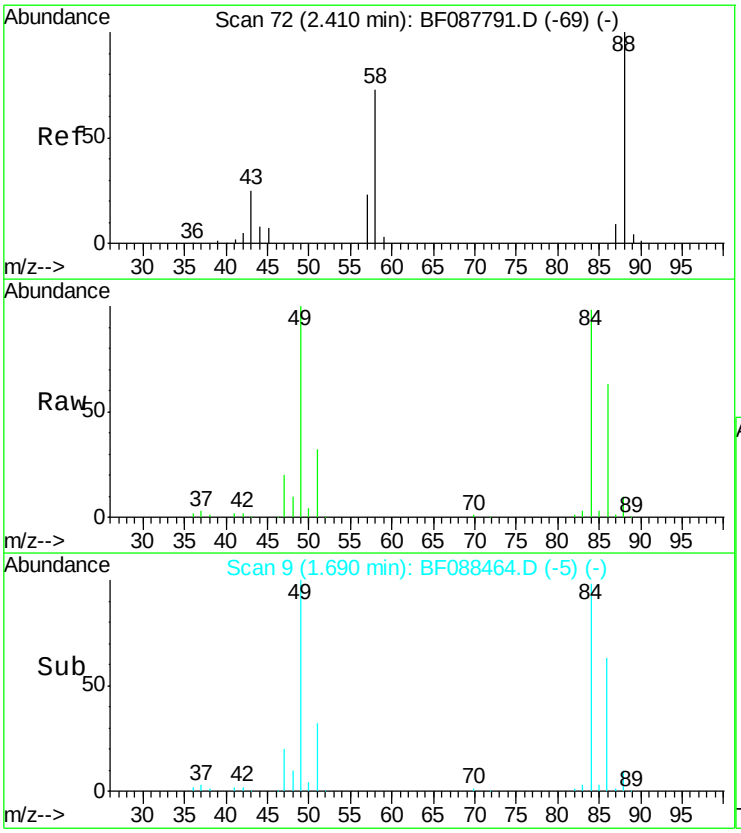
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:152 Resp: 1567

Ion	Ratio	Lower	Upper
152	100		
150	166.8	123.8	185.6
115	57.4	39.6	59.4

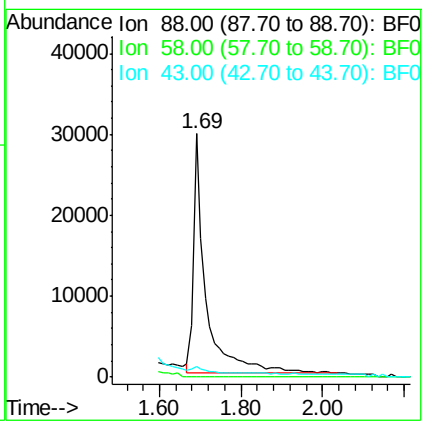


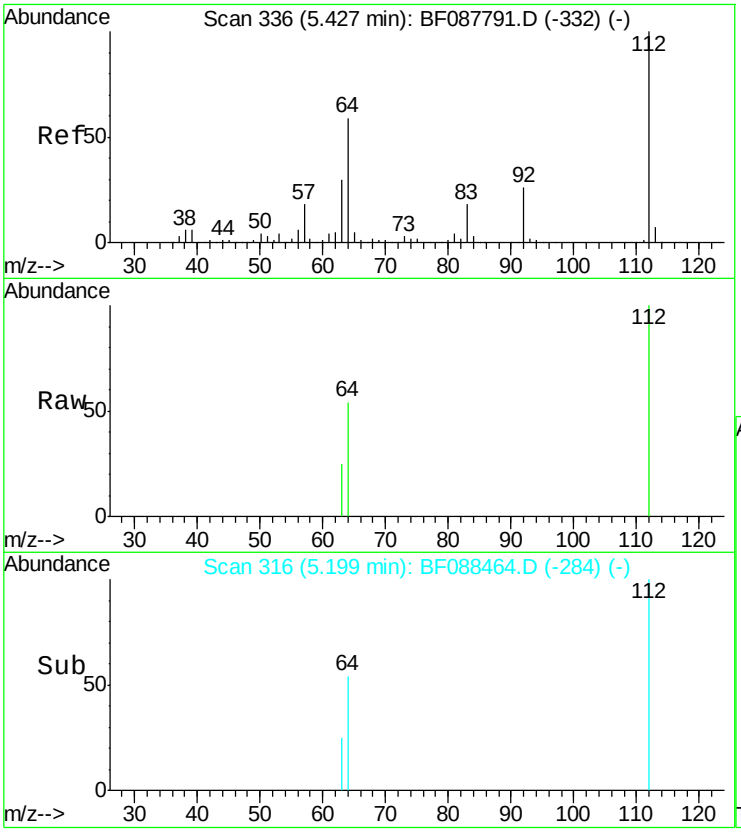


#2
1,4-Dioxane
Concen: 1436.13 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion: 88 Resp: 63964

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	3.5	3.4	5.2



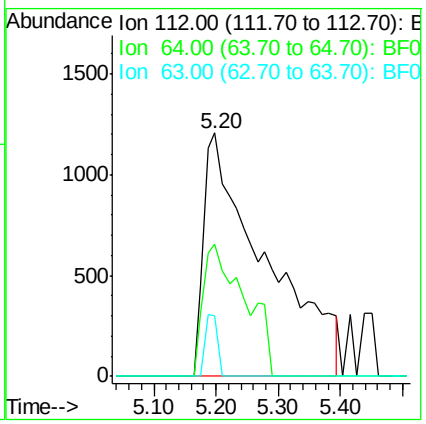


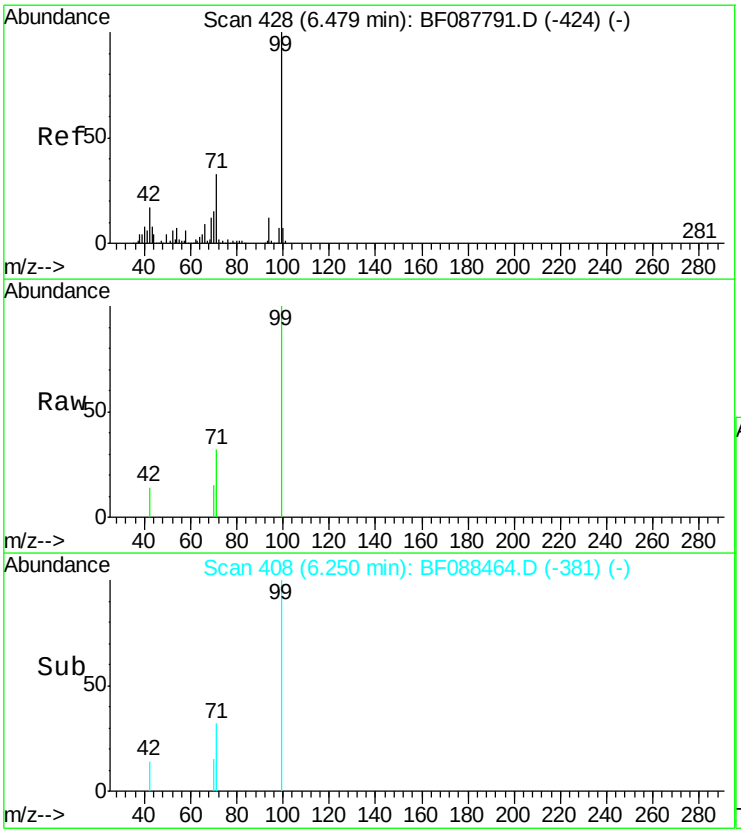
#5
2-Fluorophenol
Concen: 89.64 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.07 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:112 Resp: 8217

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.2	63.2
63	25.1	21.8	32.8

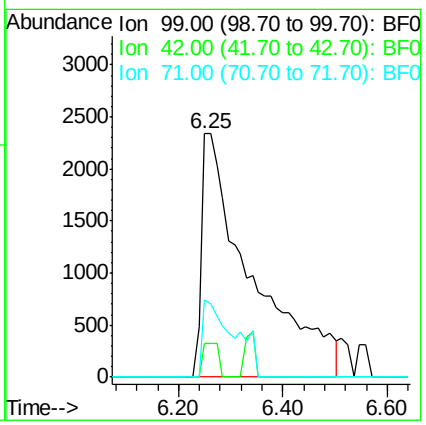


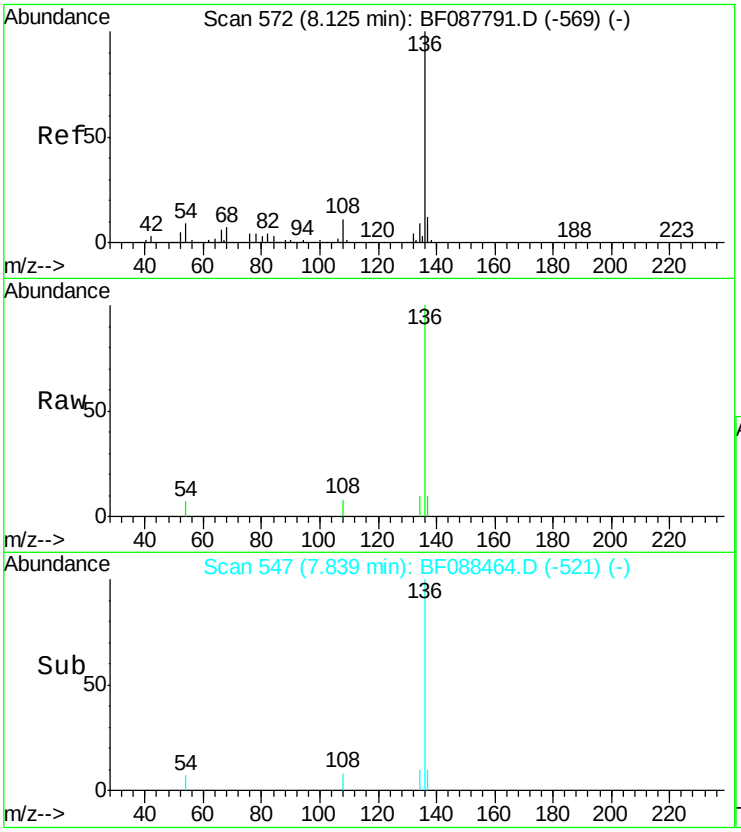


#7
Phenol-d6
Concen: 138.68 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion: 99 Resp: 15405

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	32.0	23.4	35.0



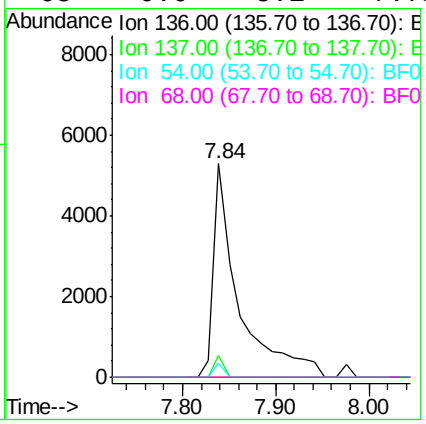


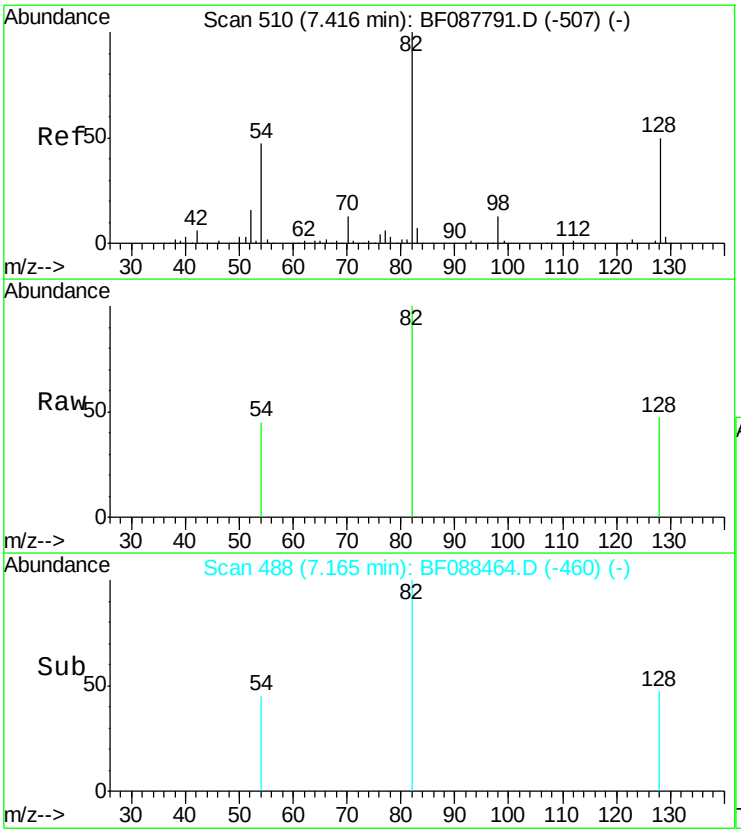
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:136 Resp: 9879

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.8	6.6	10.0
68	0.0	5.1	7.7#

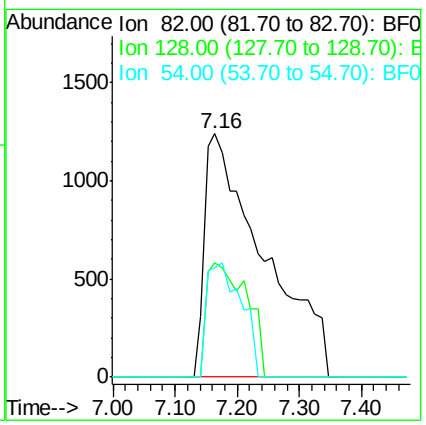


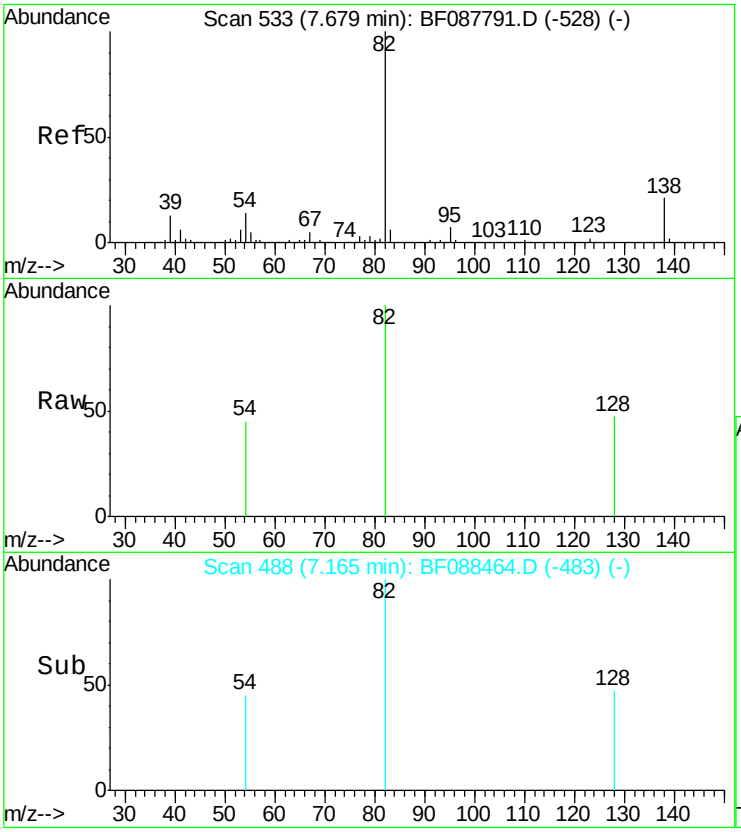


#23
Nitrobenzene-d5
Concen: 48.11 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.02 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion: 82 Resp: 8139

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	45.0	40.9	61.3



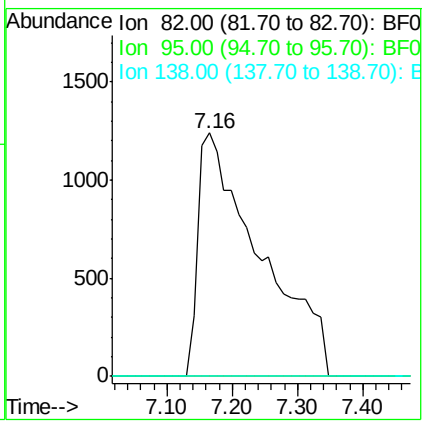


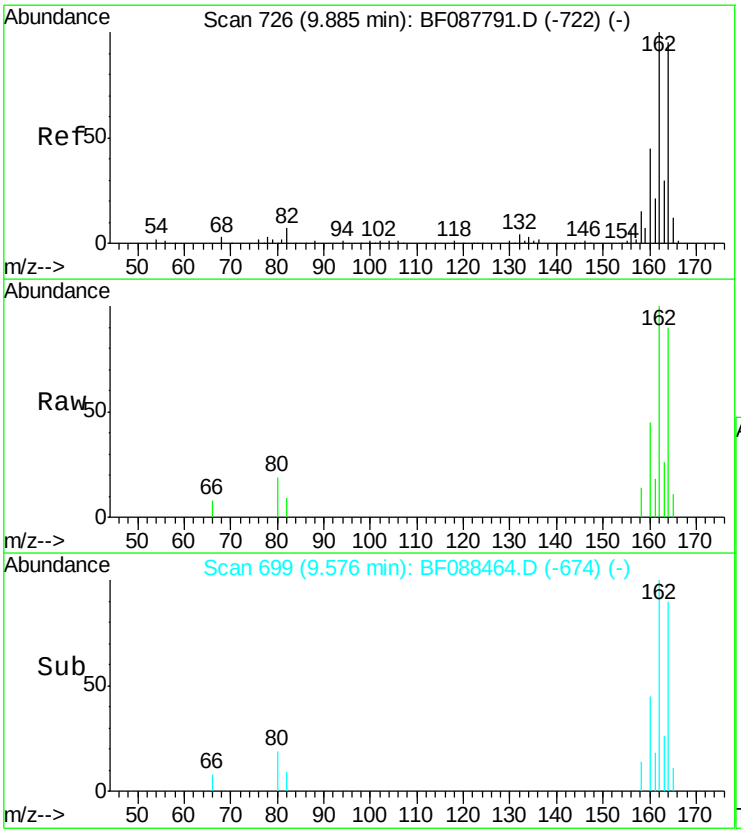
#25
Isophorone
Concen: 25.97 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.24 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion: 82 Resp: 8138

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

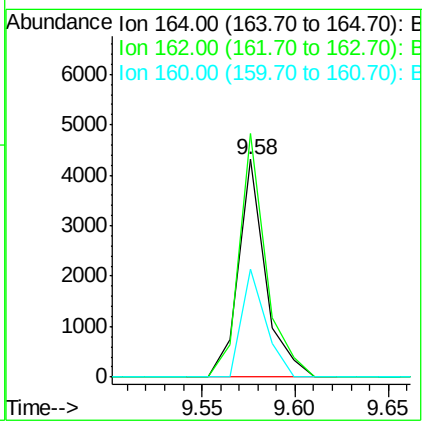


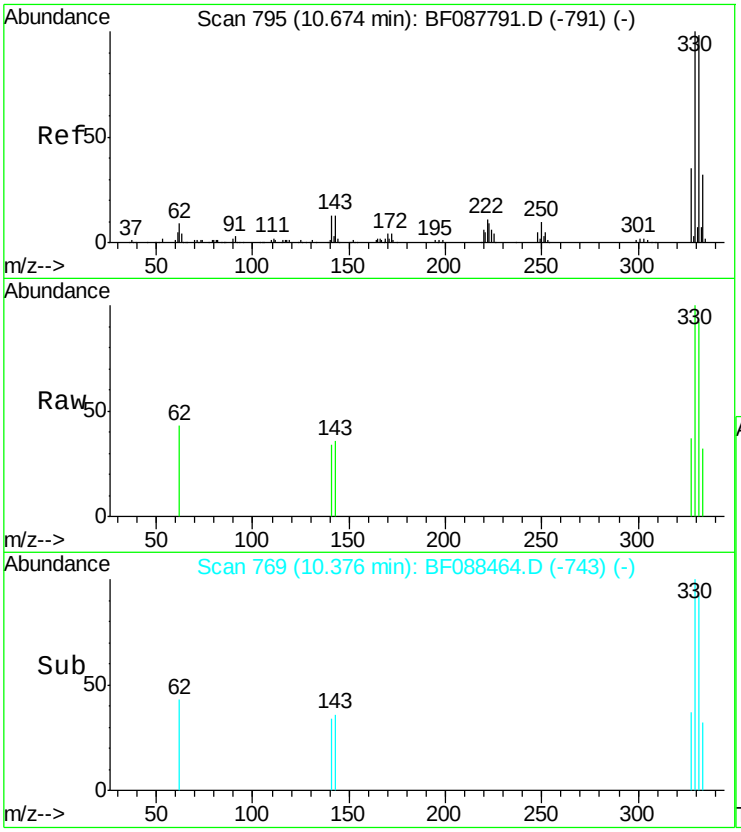


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:164 Resp: 4360

Ion	Ratio	Lower	Upper
164	100		
162	111.7	85.4	128.2
160	49.7	39.5	59.3



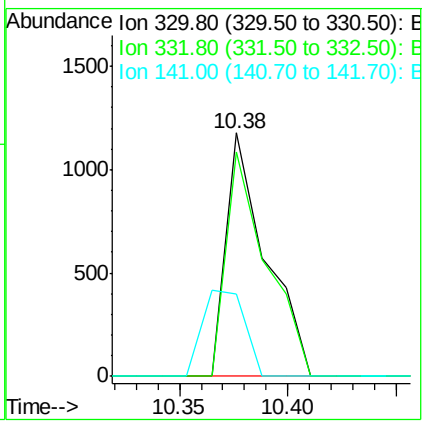


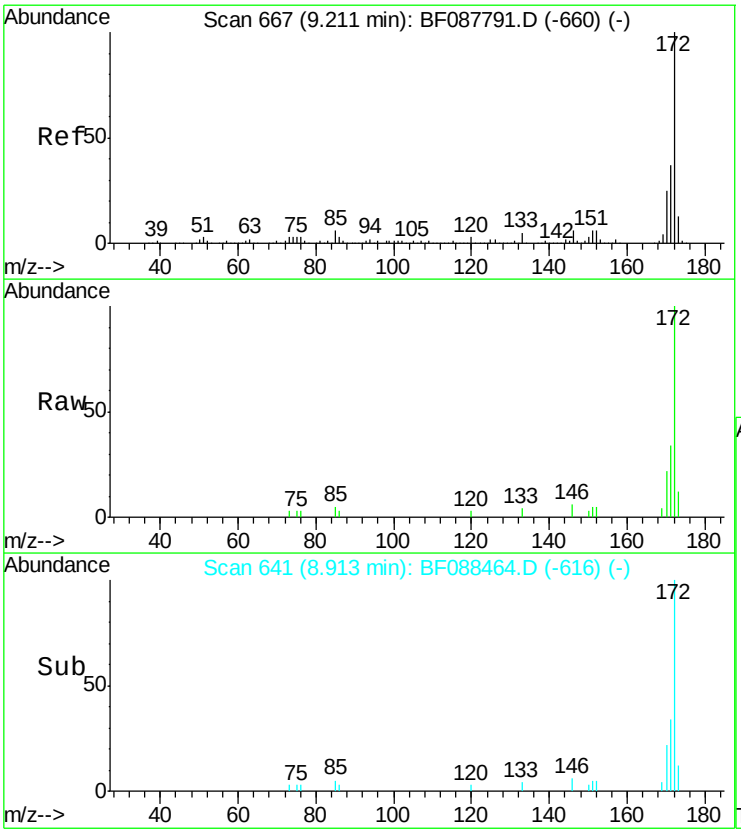
#41
2,4,6-Tribromophenol
Concen: 32.45 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:330 Resp: 1494

Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	37.6	0.0	0.0#

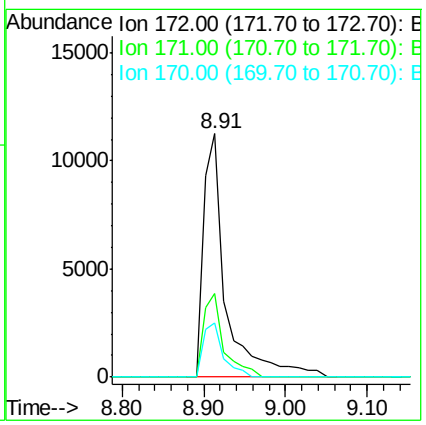


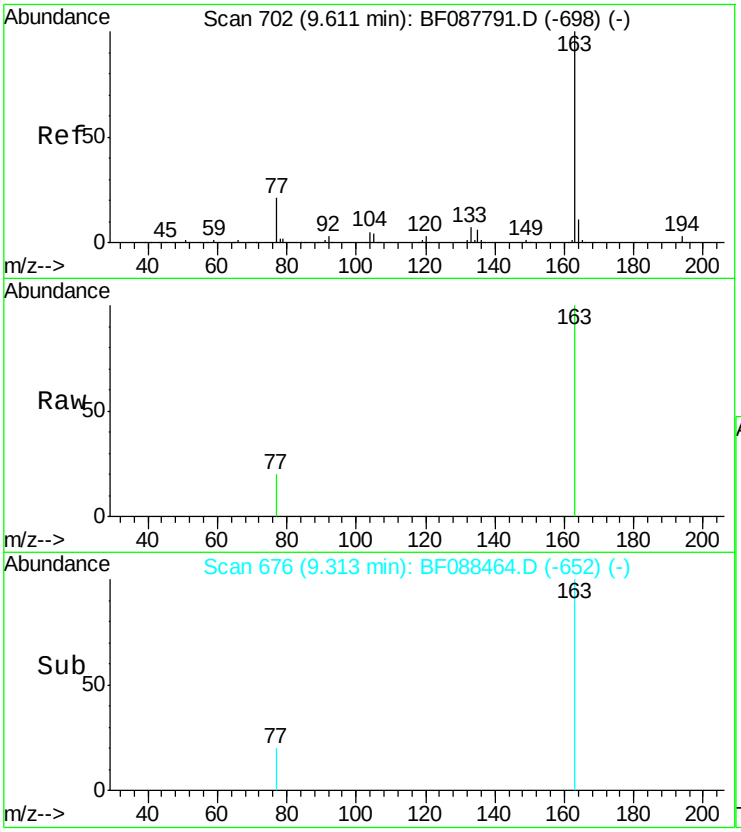


#44
2-Fluorobiphenyl
Concen: 77.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:172 Resp: 21701

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	22.4	19.2	28.8



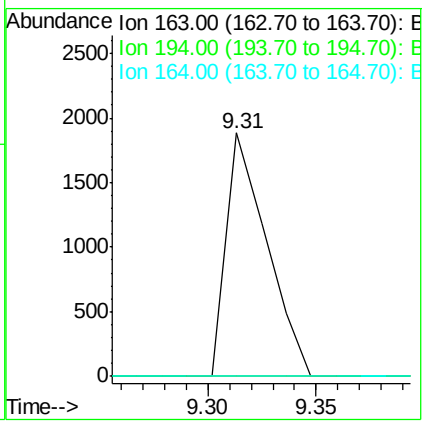


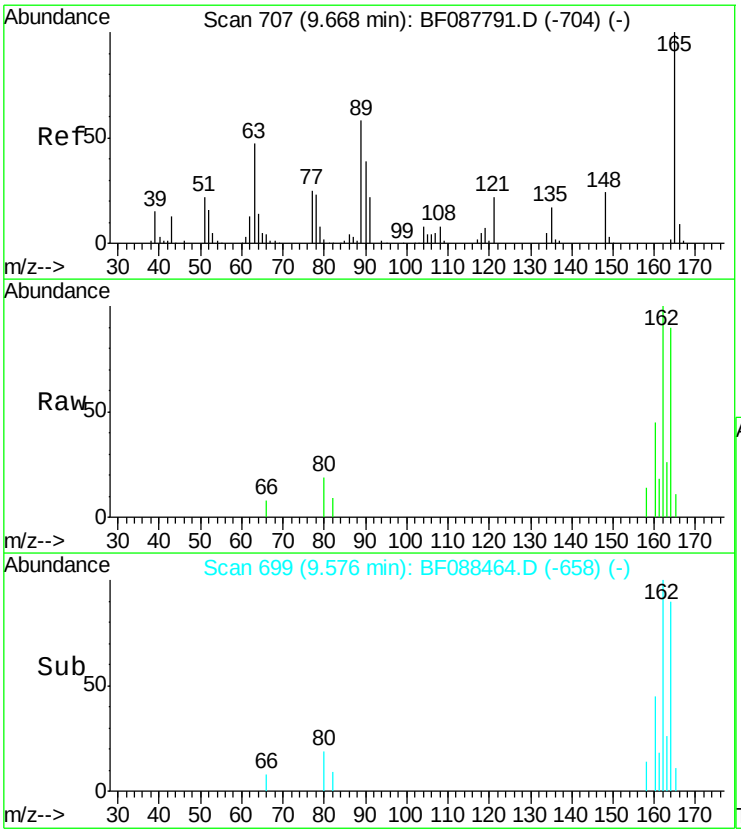
#49
Dimethylphthalate
Concen: 7.72 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:163 Resp: 2437

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.8	4.2#
164	0.0	8.3	12.5#

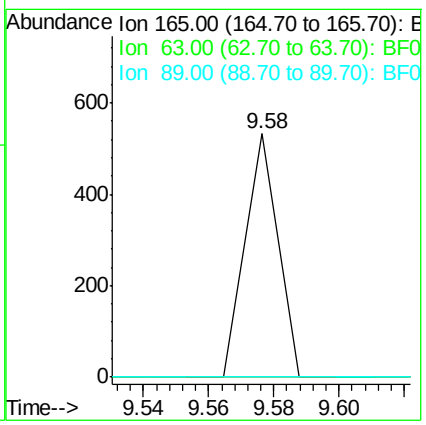


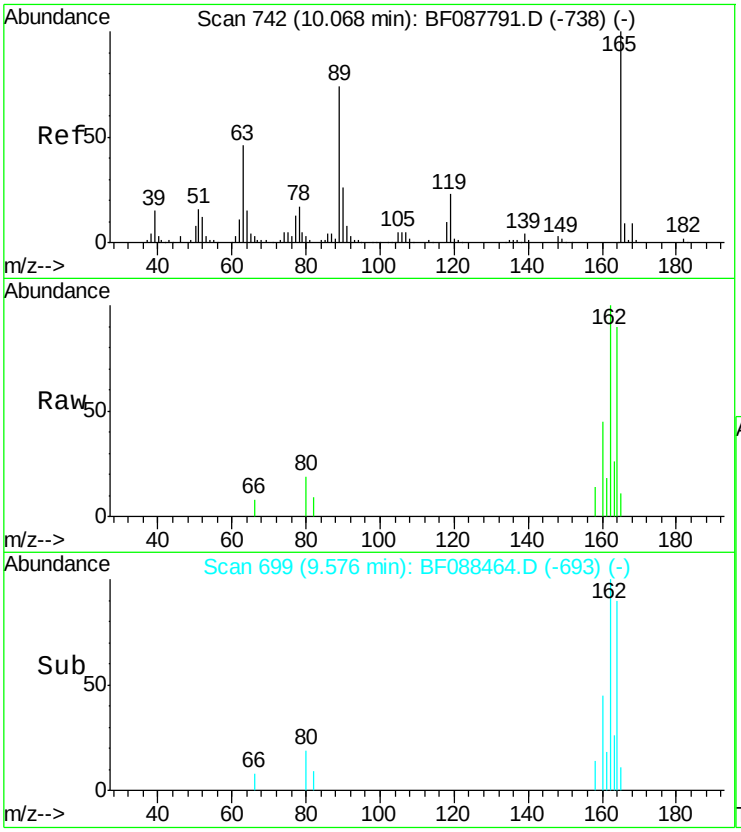


#50
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.17 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:165 Resp: 366

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



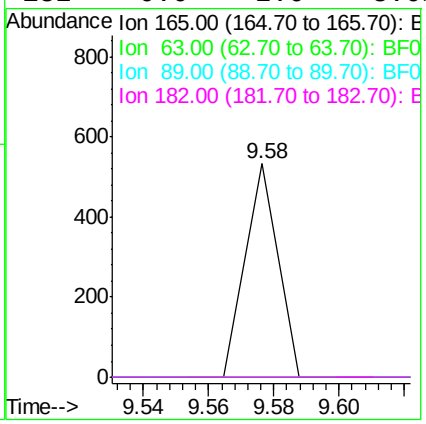


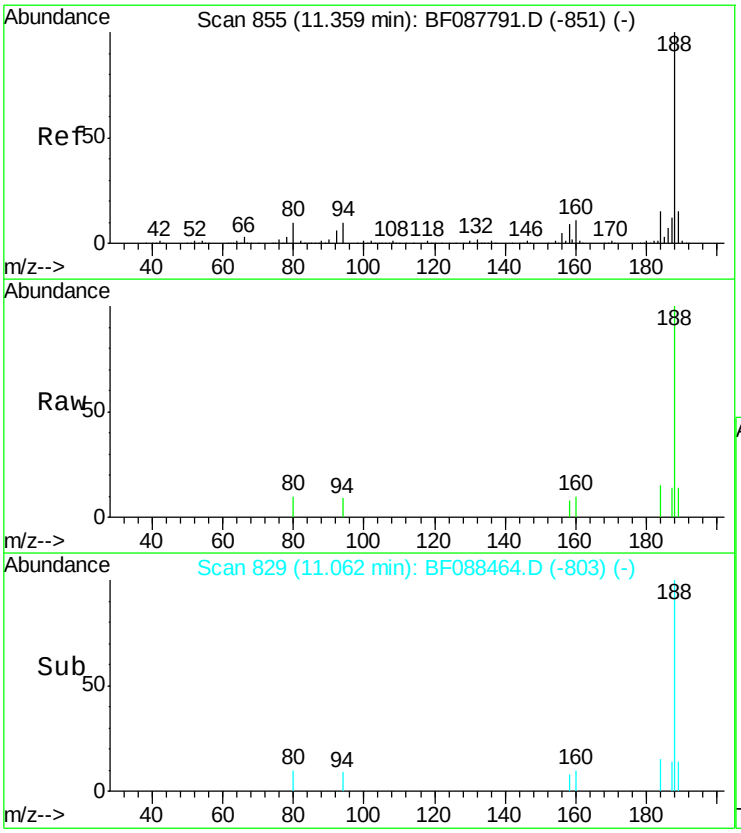
#56
2,4-Dinitrotoluene
Concen: 3.94 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.23 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:165 Resp: 366

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

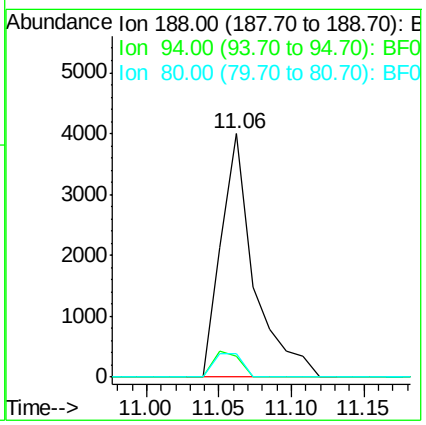


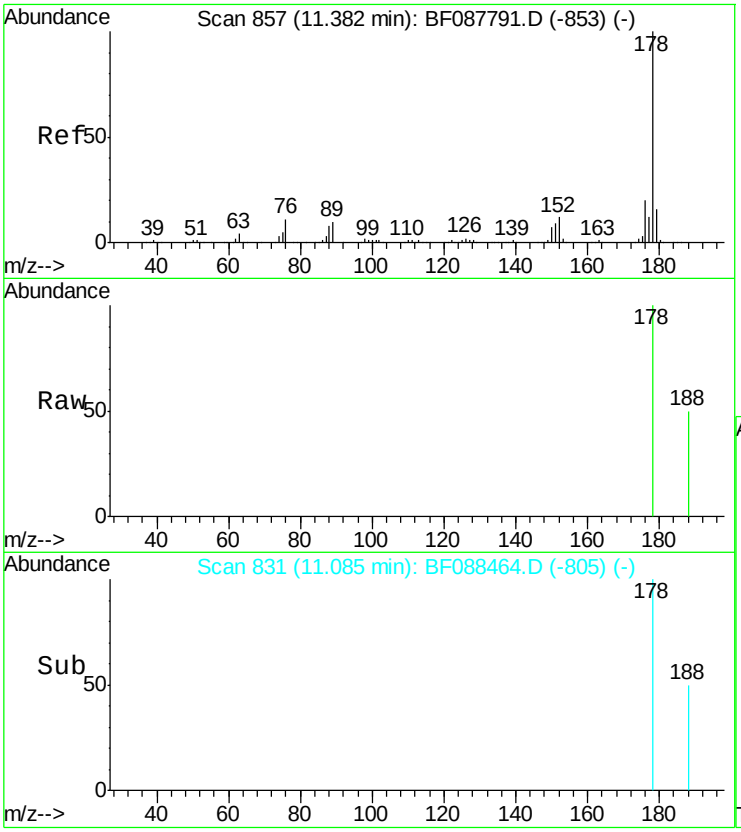


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:188 Resp: 6289

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.6#
80	9.7	10.0	15.0#



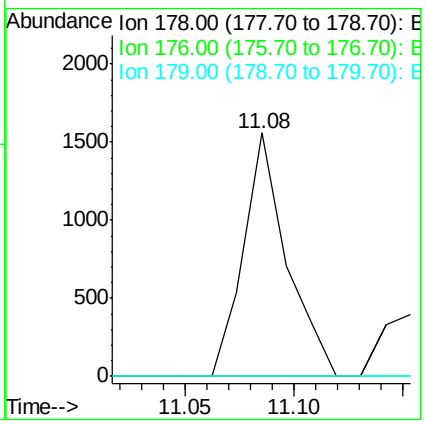


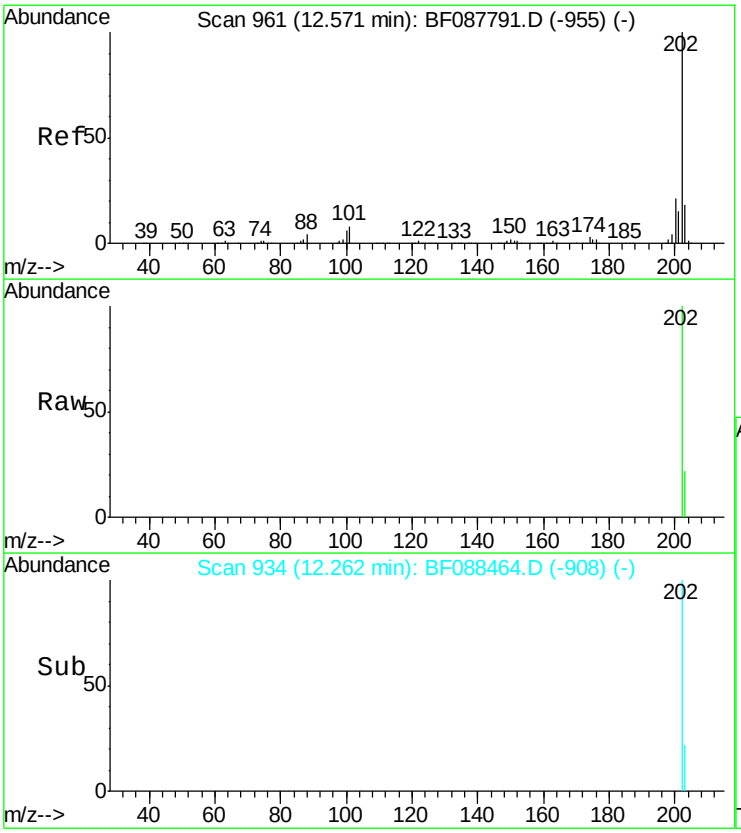
#70
Phenanthrene
Concen: 6.57 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:178 Resp: 2168

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	13.0	19.4#

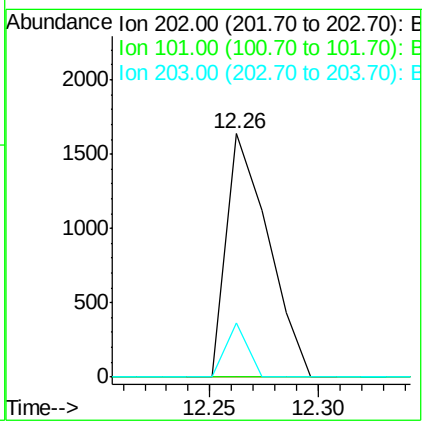


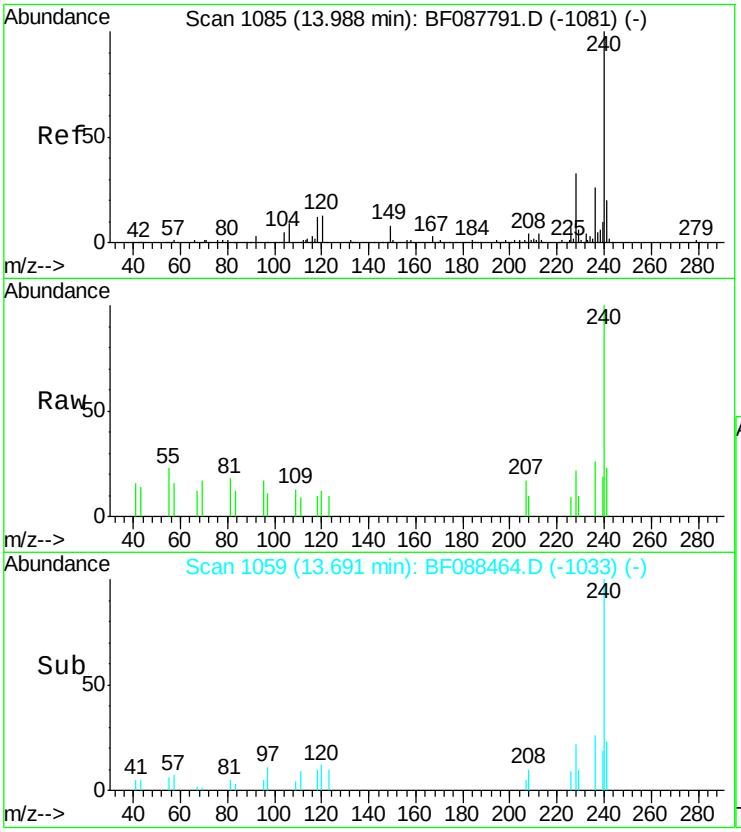


#74
Fluoranthene
Concen: 6.29 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:202 Resp: 2191

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.1
203	22.5	0.0	38.1



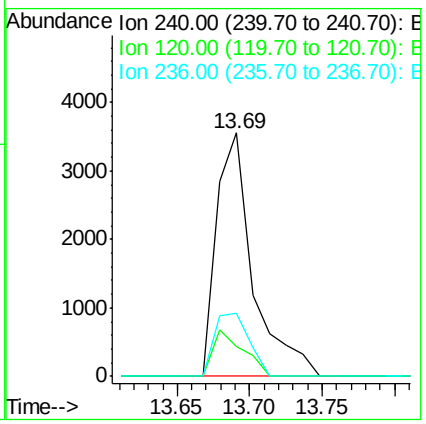


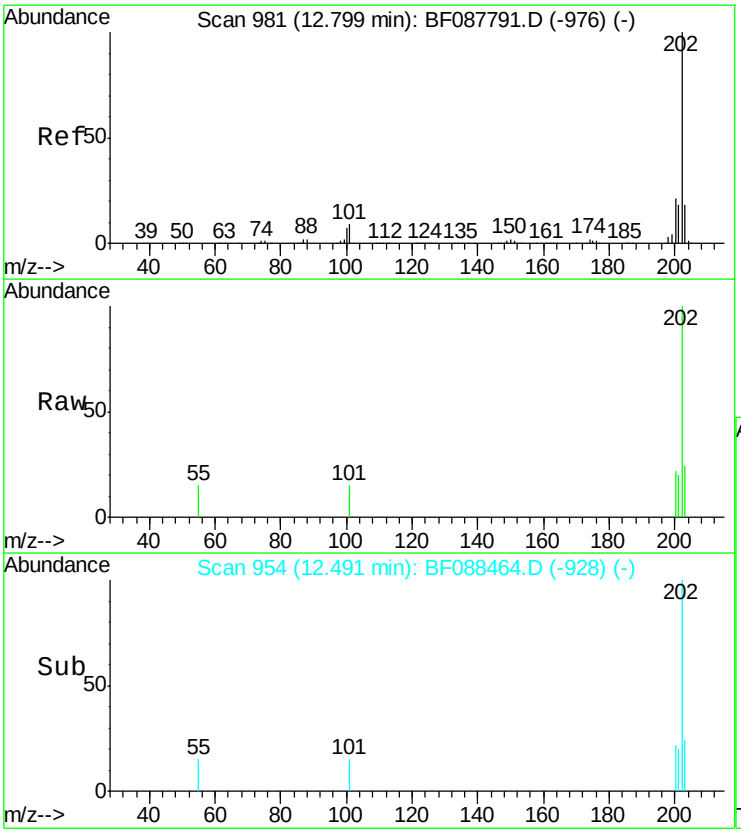
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:240 Resp: 6157

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.8	10.2#
236	25.9	20.2	30.2

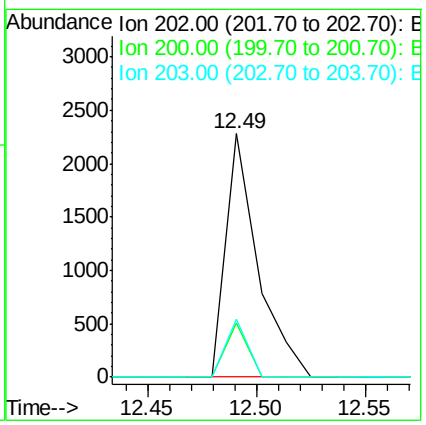


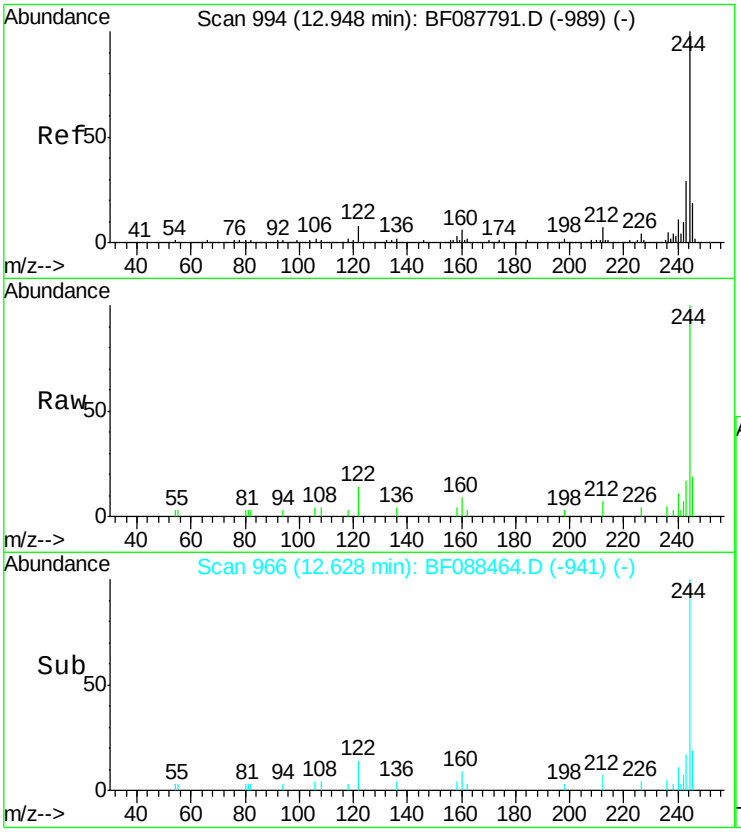


#77
Pyrene
Concen: 5.08 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:202 Resp: 2321

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	23.7	14.5	21.7#



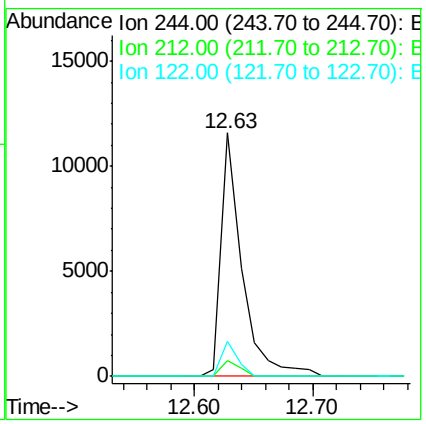


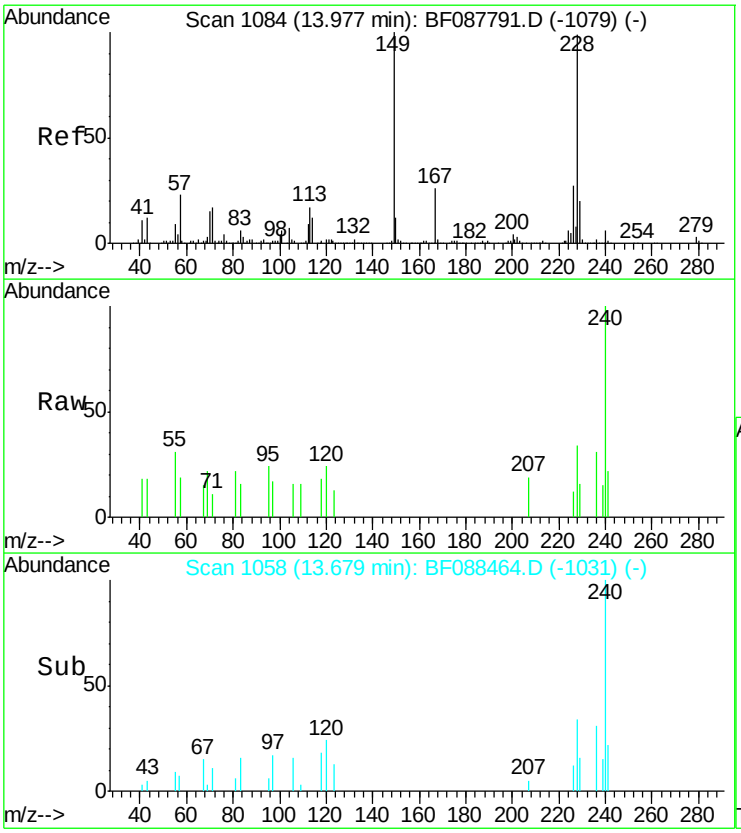
#78
Terphenyl-d14
Concen: 52.33 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:244 Resp: 14158

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.1	11.2	16.8

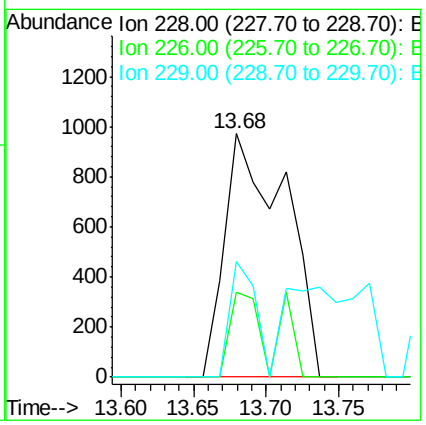


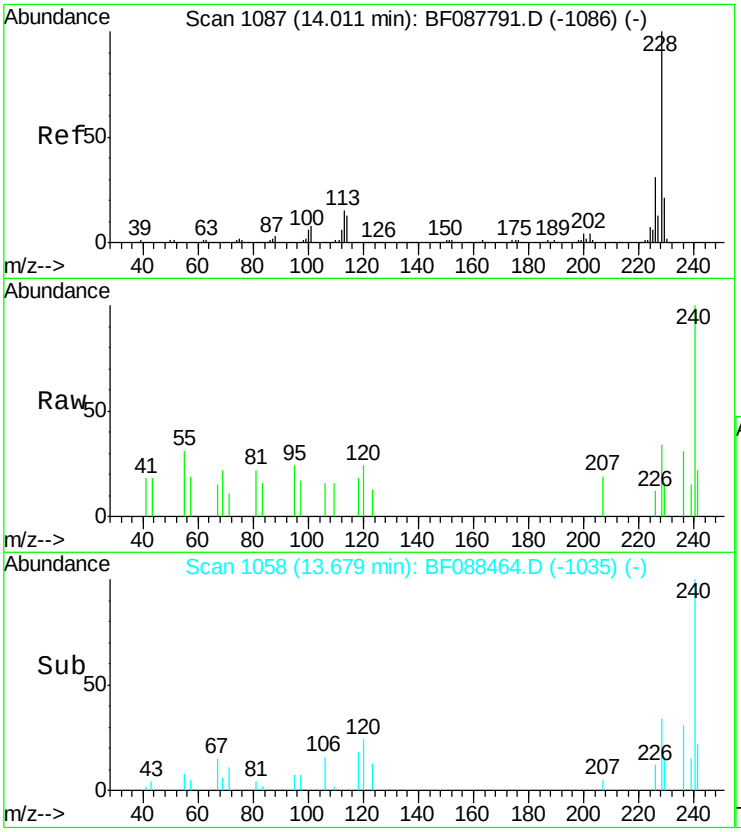


#80
Benzo(a)anthracene
Concen: 8.04 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:228 Resp: 2821

Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.3	33.5#
229	47.6	16.0	24.0#



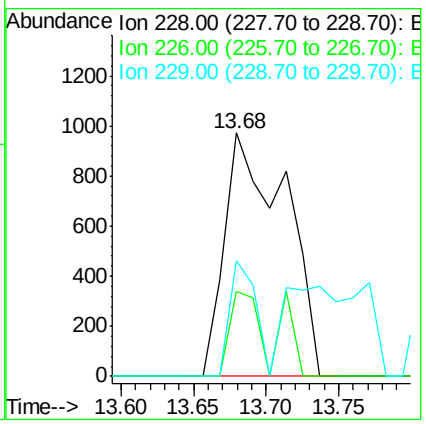


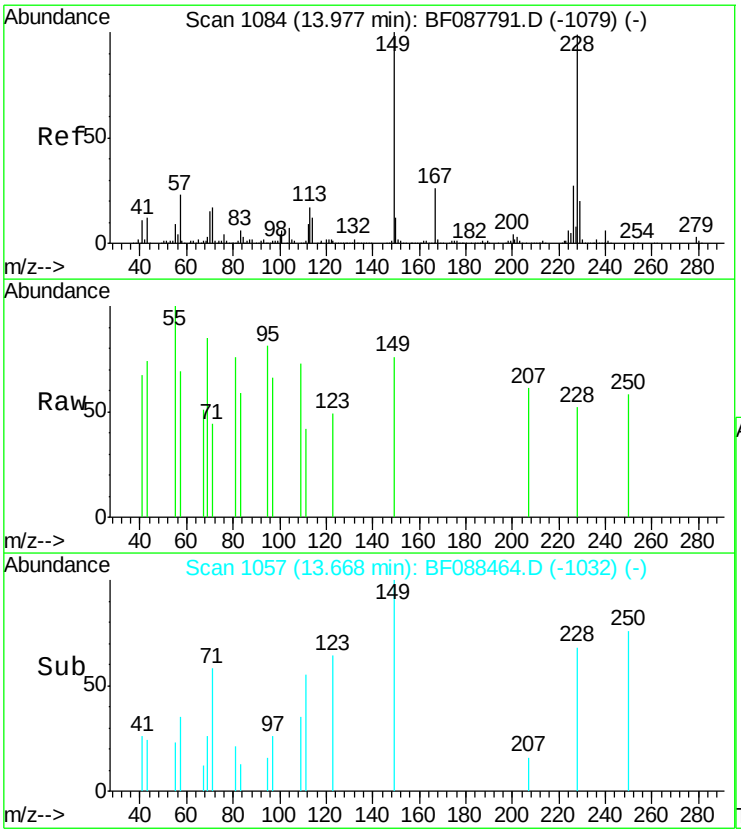
#82
Chrysene
Concen: 8.55 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:228 Resp: 2821

Ion	Ratio	Lower	Upper
228	100		
226	34.9	25.4	38.2
229	47.6	16.3	24.5#

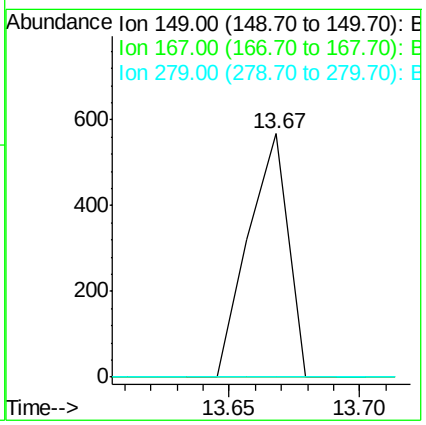


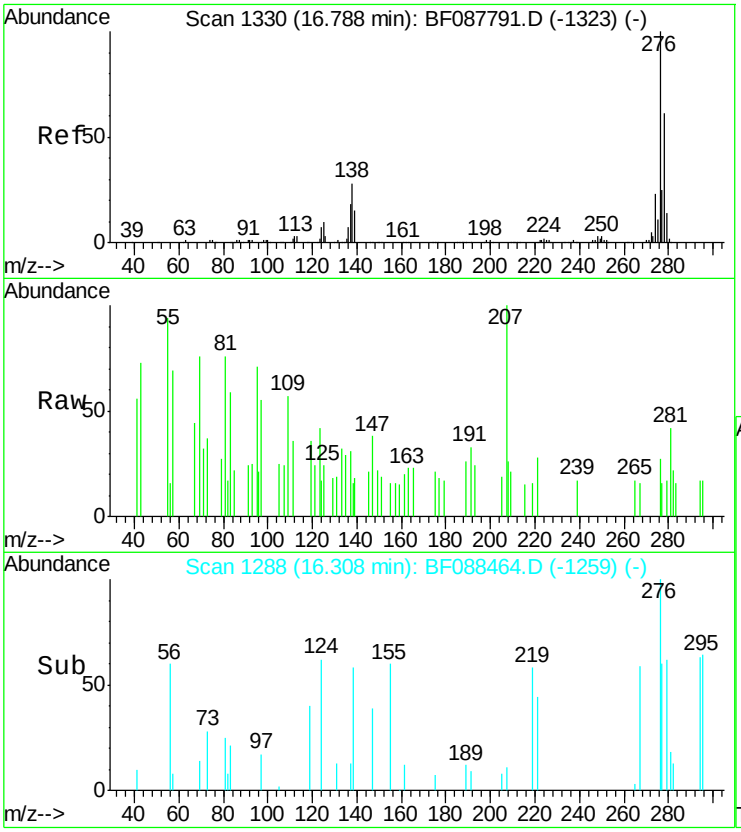


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.48 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:149 Resp: 610

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.5	30.7#
279	0.0	2.0	3.0#



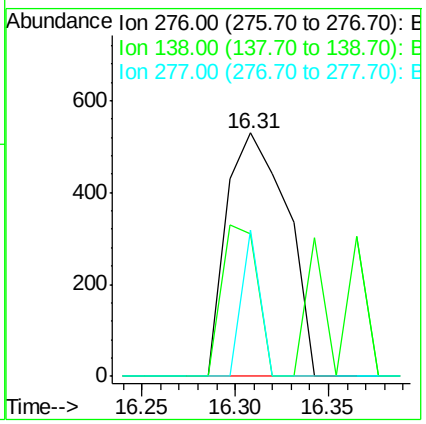


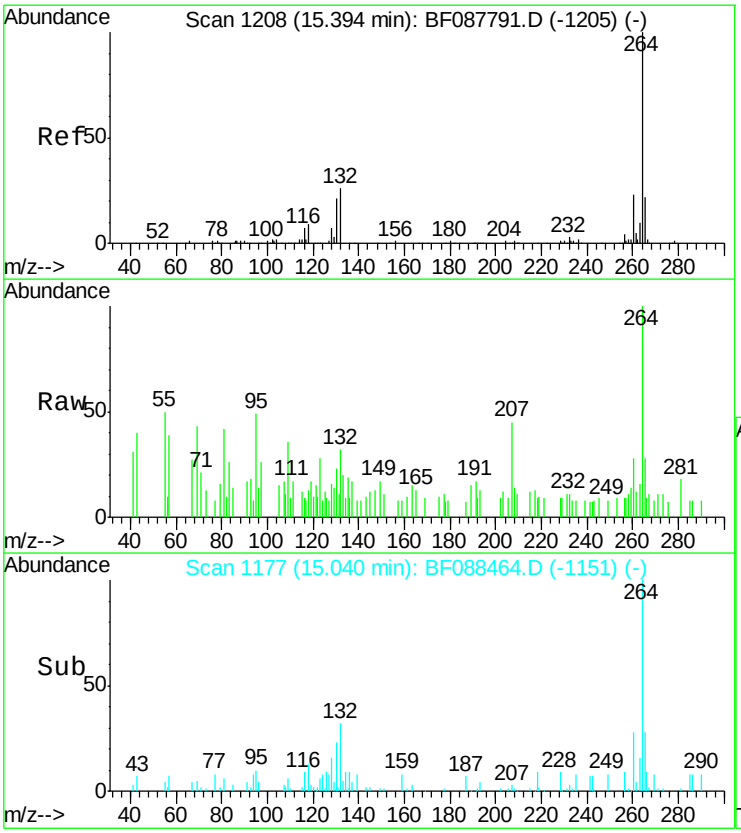
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.89 ng
RT: 16.31 min Scan# 1288
Delta R.T. 0.03 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:276 Resp: 1192

Ion	Ratio	Lower	Upper
276	100		
138	36.8	0.0	0.0#
277	18.3	0.0	0.0#

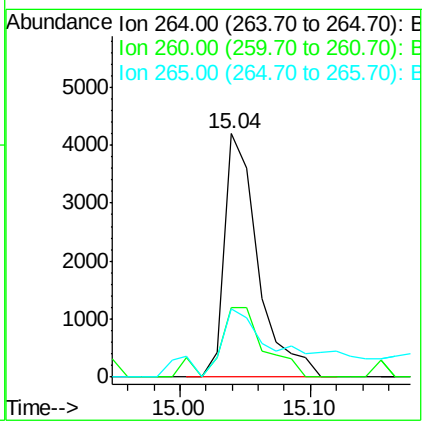


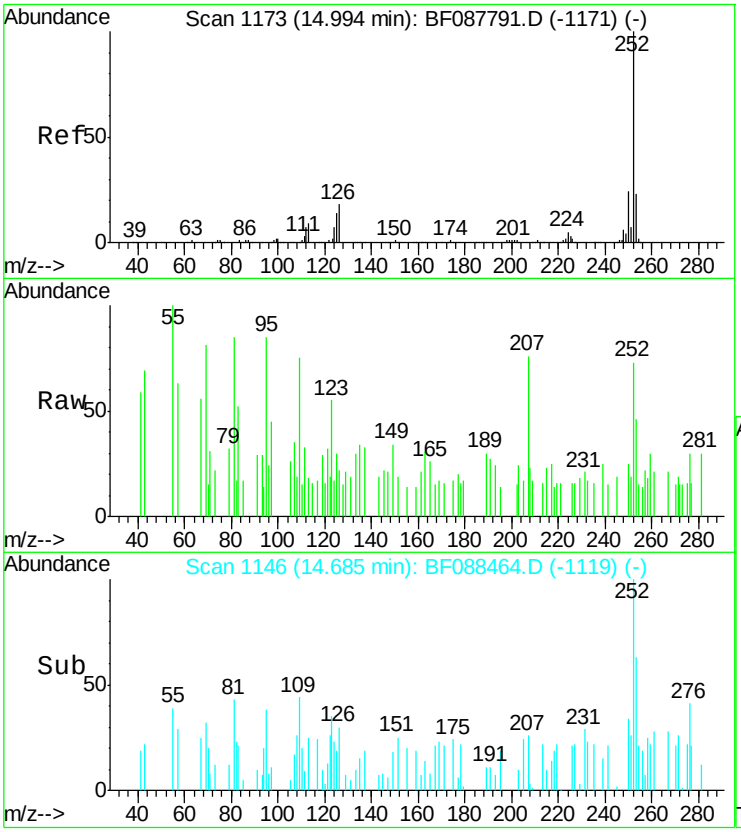


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:264 Resp: 7512

Ion	Ratio	Lower	Upper
264	100		
260	28.4	19.2	28.8
265	28.3	16.9	25.3#



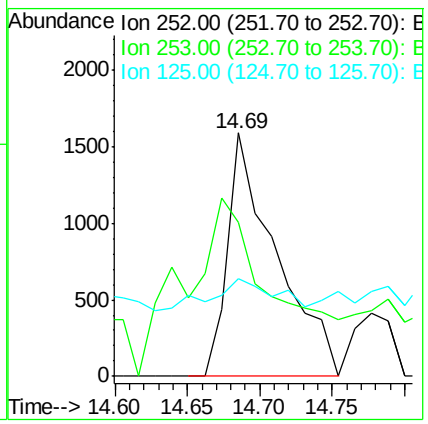


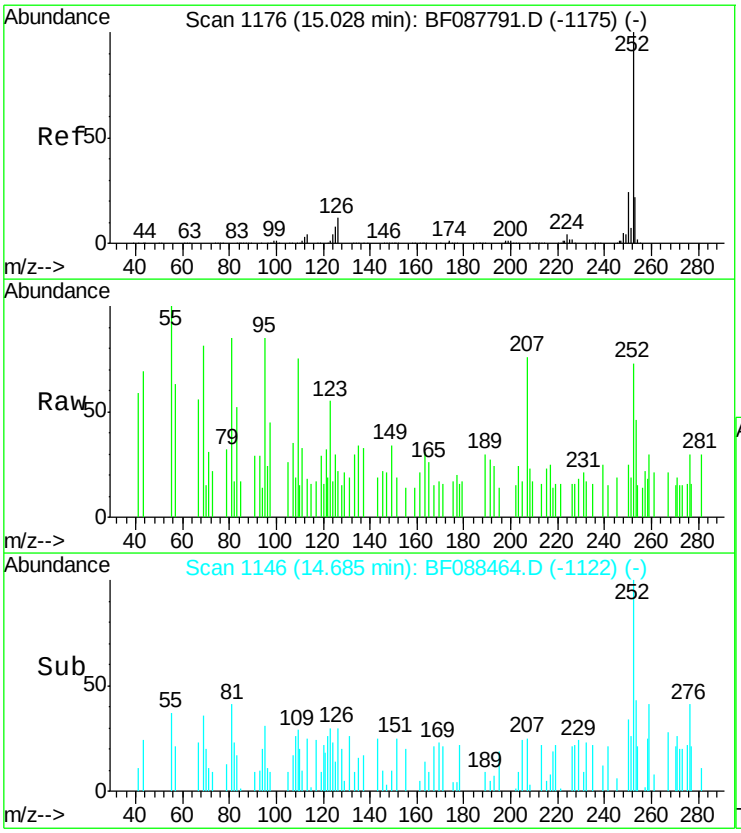
#87
Benzo(b)fluoranthene
Concen: 7.06 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:252 Resp: 3694

Ion	Ratio	Lower	Upper
252	100		
253	63.1	17.4	26.2#
125	40.2	7.1	10.7#

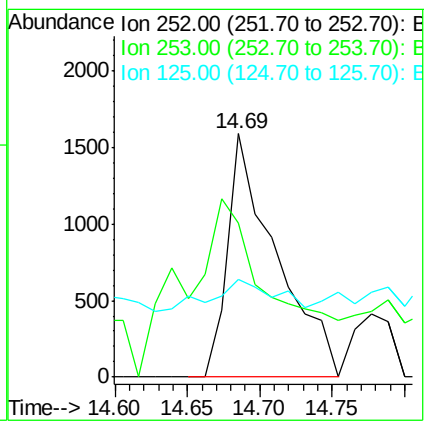


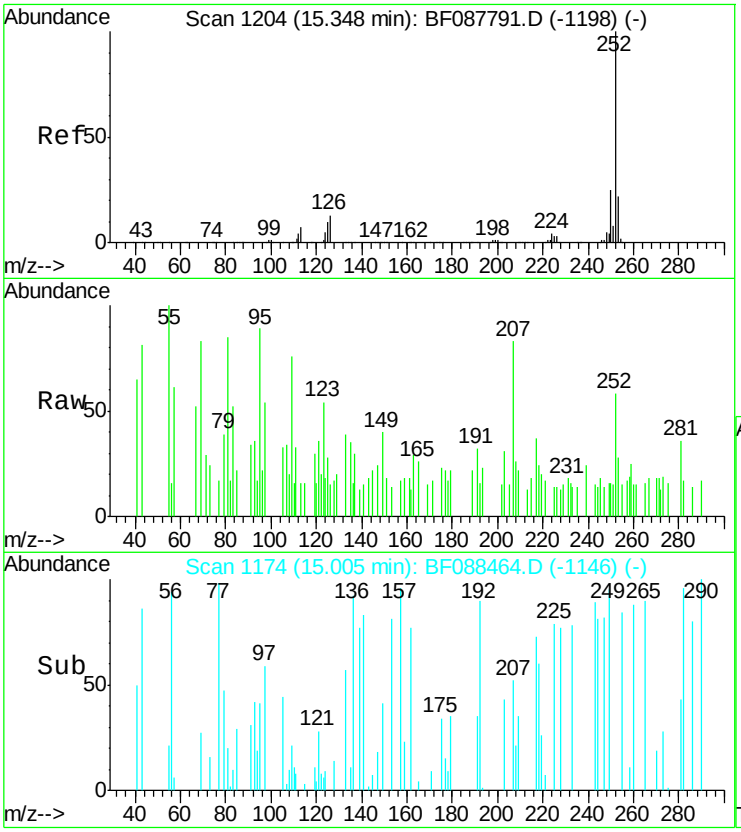


#88
Benzo(k)fluoranthene
Concen: 9.35 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:252 Resp: 3694

Ion	Ratio	Lower	Upper
252	100		
253	63.1	18.0	27.0#
125	40.2	11.2	16.8#



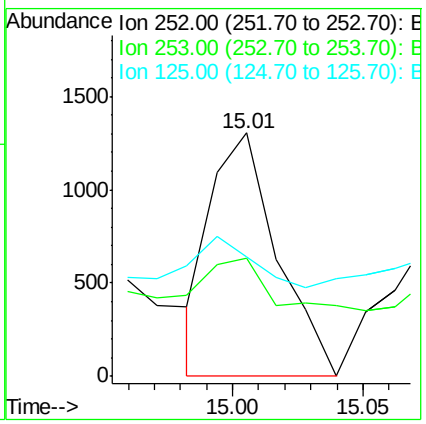


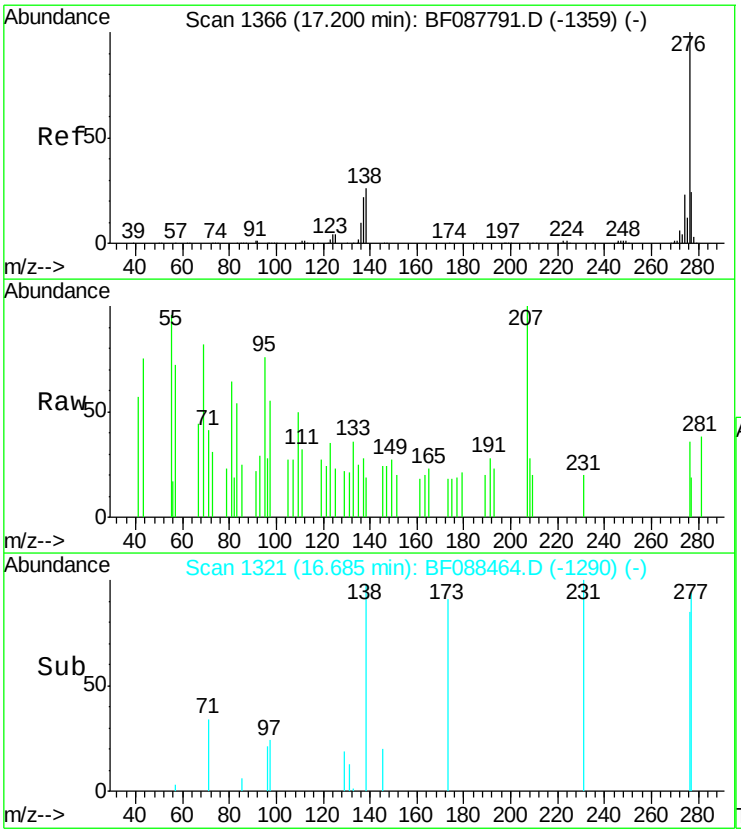
#89
Benzo(a)pyrene
Concen: 5.48 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tgt Ion:252 Resp: 2321

Ion	Ratio	Lower	Upper
252	100		
253	48.4	17.9	26.9#
125	49.0	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 4.03 ng
RT: 16.69 min Scan# 1321
Delta R.T. 0.06 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:276 Resp: 1633

Ion	Ratio	Lower	Upper
276	100		
277	51.9	18.9	28.3#
138	54.3	21.4	32.2#