Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093266.D
Acq On : 1 Mar 2017 1:47
Operator : SJ/MA
Sample : I1997-03DL 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-W6-BASEDL

Quant Time: Mar 01 02:21:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120971	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	425041	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	177996	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	302051	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	270998	20.00	ng		-0.05
86) Perylene-d12	15.40	264	190719	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	44408	6.30	ng		-0.03
7) Phenol-d6	6.49	99	54584	6.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	32409	4.25	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	6867	5.33	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	53175	5.41	ng		-0.05
78) Terphenyl-d14	12.91	244	44246	3.84	ng		-0.06
Target Compounds							Qvalue
25) Isophorone	7.38	82	31565	2.22	ng	#	65
50) 2,6-Dinitrotoluene	9.85	165	23170	8.95	ng	#	32
51) Acenaphthene	9.88	154	32991	3.17	ng		95
54) Dibenzofuran	10.05	168	28637	2.06	ng		93
55) 4-Nitrophenol	10.05	139	10631	4.98	ng	#	9
57) Fluorene	10.40	166	52541	4.90	ng		100
70) Phenanthrene	11.36	178	667104	38.55	ng		98
71) Anthracene	11.41	178	199439	11.48	ng		98
72) Carbazole	11.57	167	37157	2.24	ng		98
74) Fluoranthene	12.54	202	920387	51.56	ng		97
77) Pyrene	12.77	202	916345	45.18	ng		99
80) Benzo(a)anthracene	13.96	228	578259	34.89	ng		99
82) Chrysene	14.00	228	409899	26.41	ng		97
85) Indeno(1,2,3-cd)pyrene	16.80	276	156961	13.06	ng		96
87) Benzo(b)fluoranthene	15.00	252	599069	47.72	ng		98
88) Benzo(k)fluoranthene	15.00	252	599069	55.27	ng		97
89) Benzo(a)pyrene	15.35	252	328737	30.27	ng		100
90) Dibenzo(a,h)anthracene	16.96	278	36595	4.17	ng		95
91) Benzo(g,h,i)perylene	17.22	276	154695	17.45	ng	#	93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093266.D
Acq On : 1 Mar 2017 1:47
Operator : SJ/MA
Sample : I1997-03DL 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Quant Time: Mar 01 02:21:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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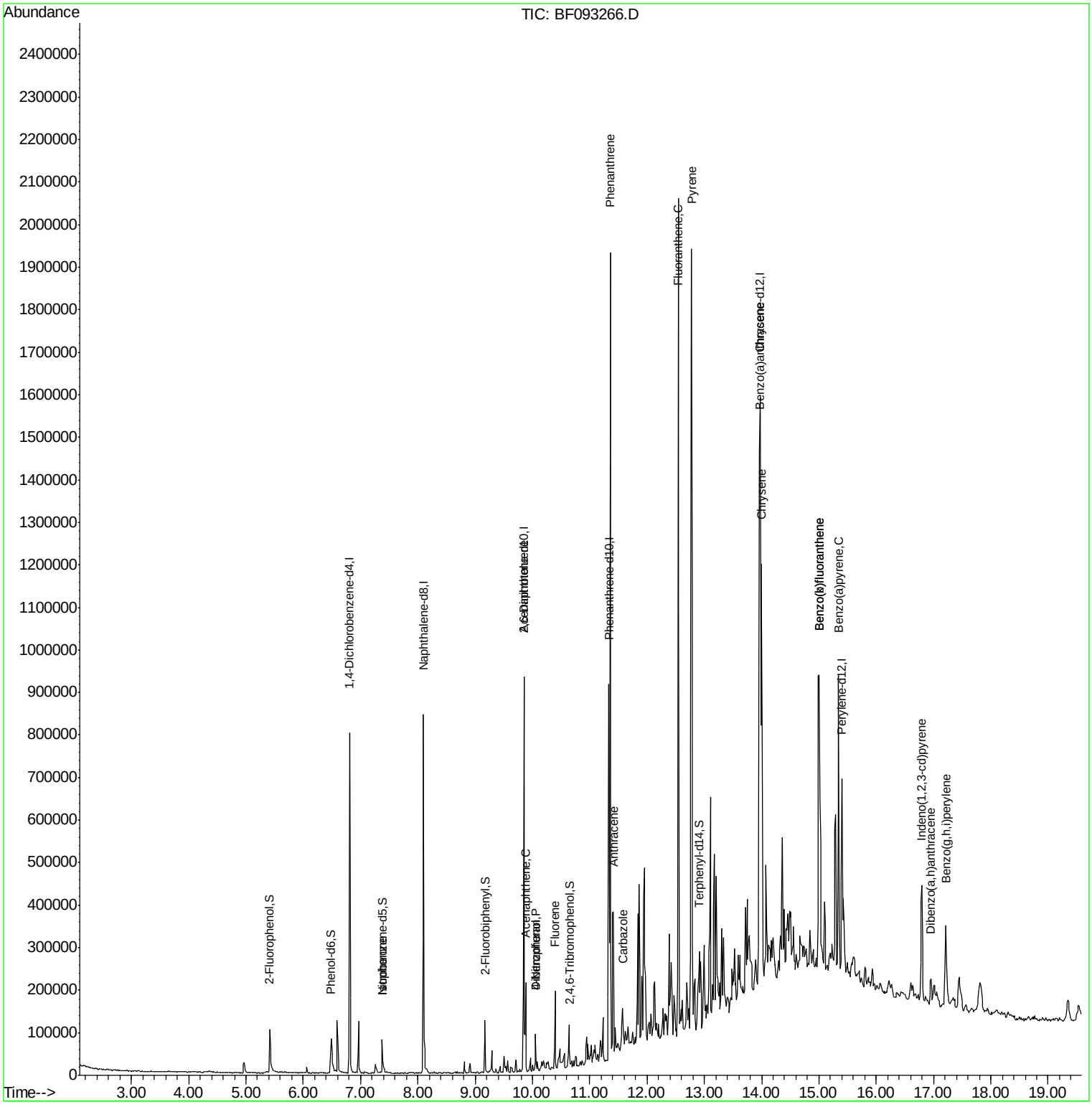
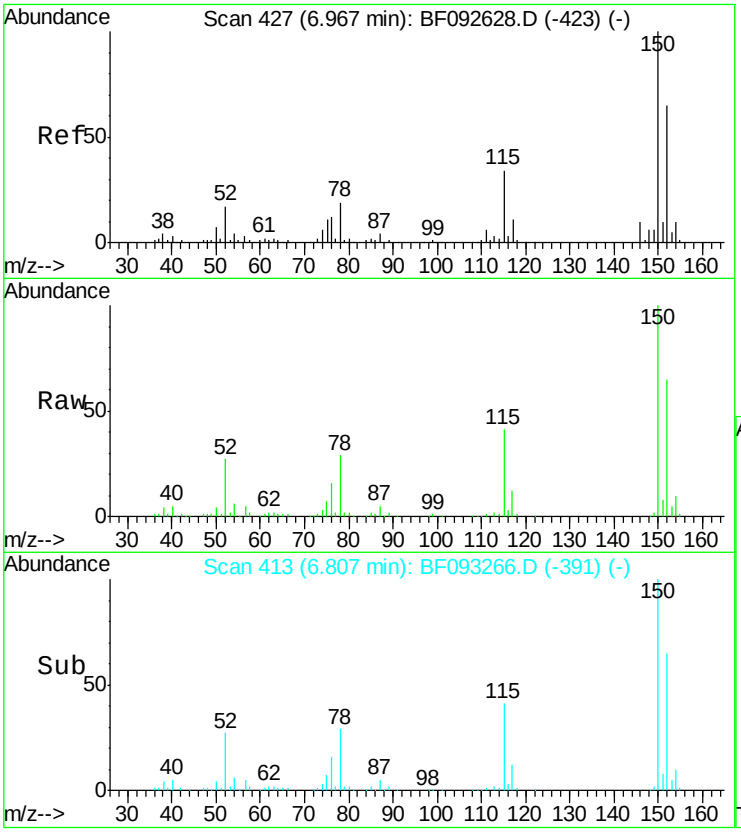


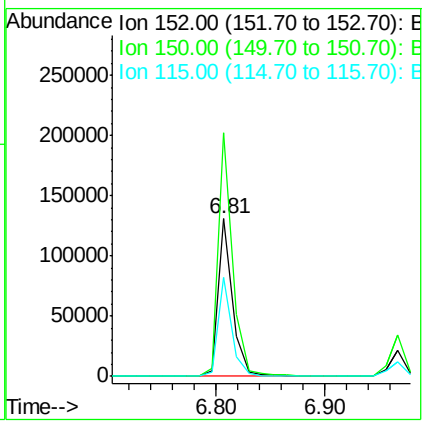


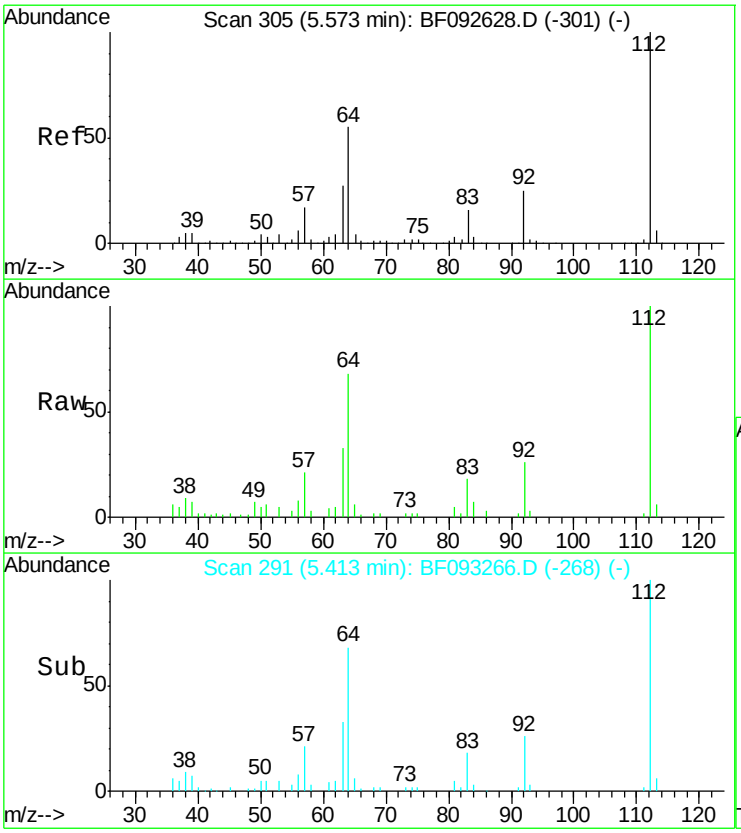
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:152 Resp: 120971

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	63.0	46.0	69.0

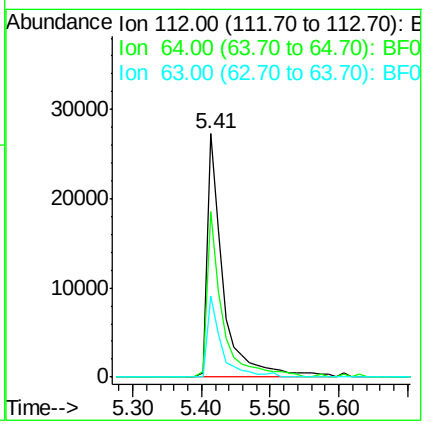


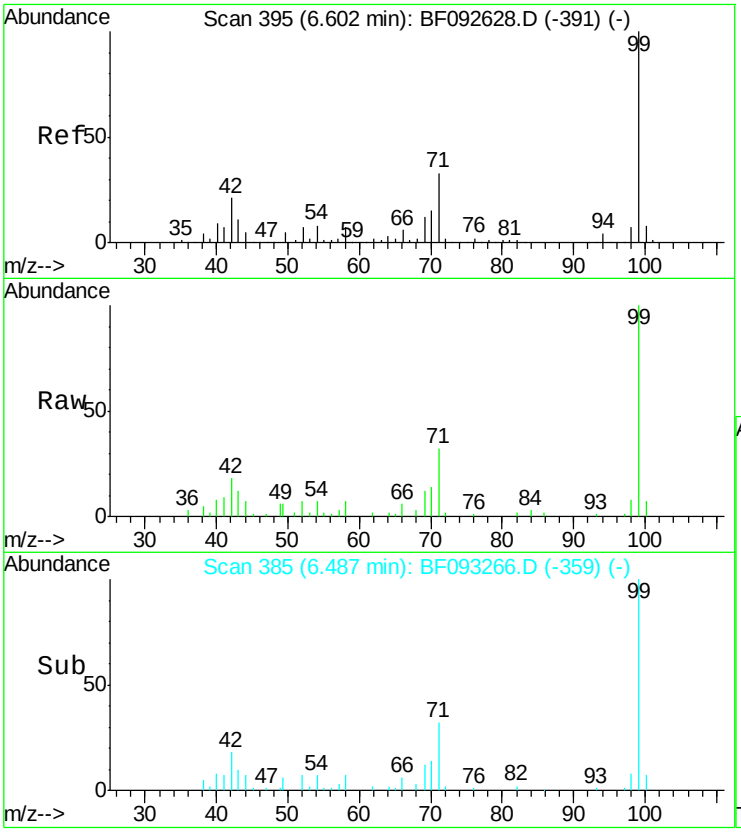


#5
2-Fluorophenol
Concen: 6.30 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:112 Resp: 44408

Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.1	69.1
63	33.2	23.8	35.6



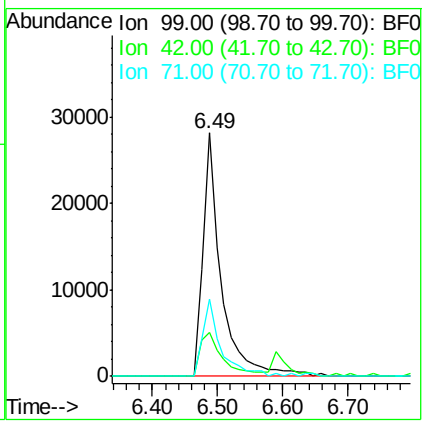


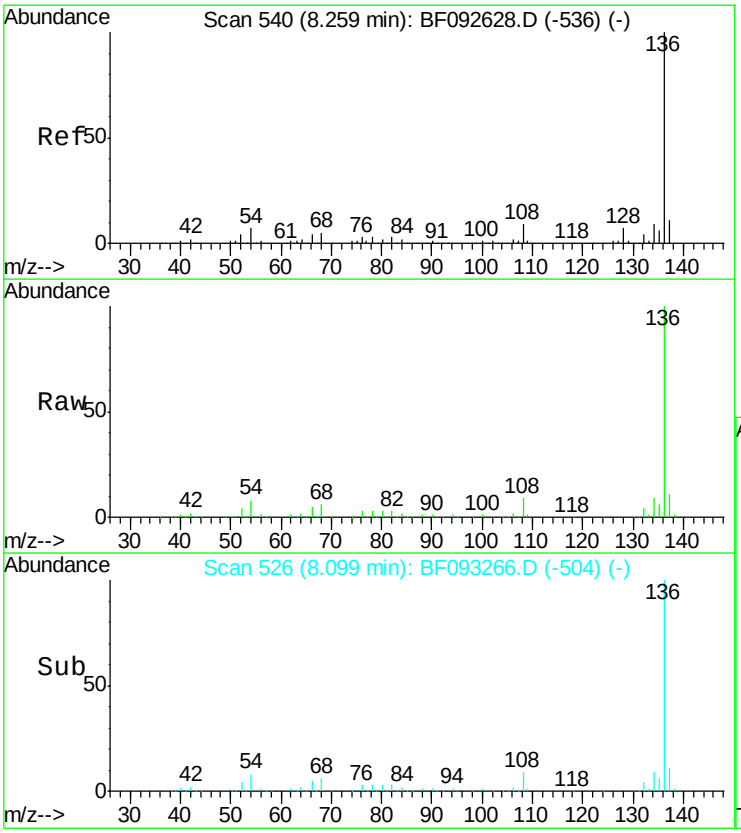
#7
Phenol-d6
Concen: 6.02 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion: 99 Resp: 54584

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.6	23.4
71	31.7	27.5	41.3

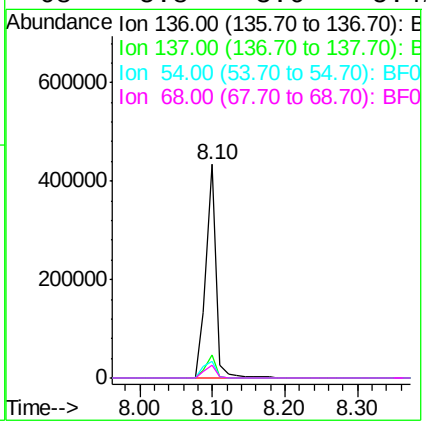


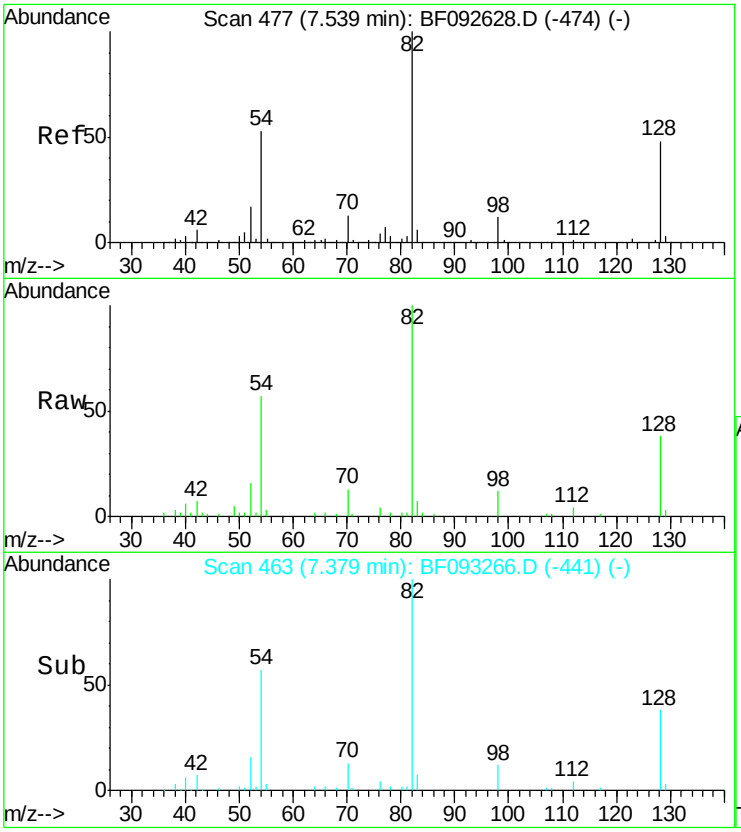


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:136 Resp: 425041

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.0	4.5	6.7#
68	5.8	3.6	5.4#



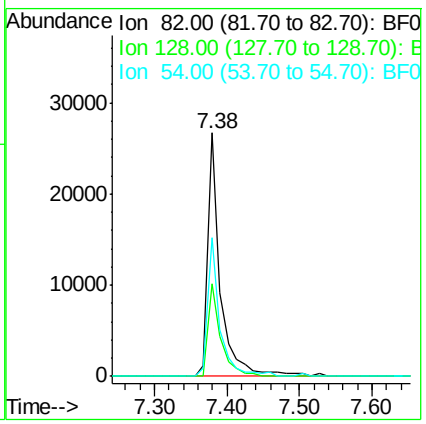


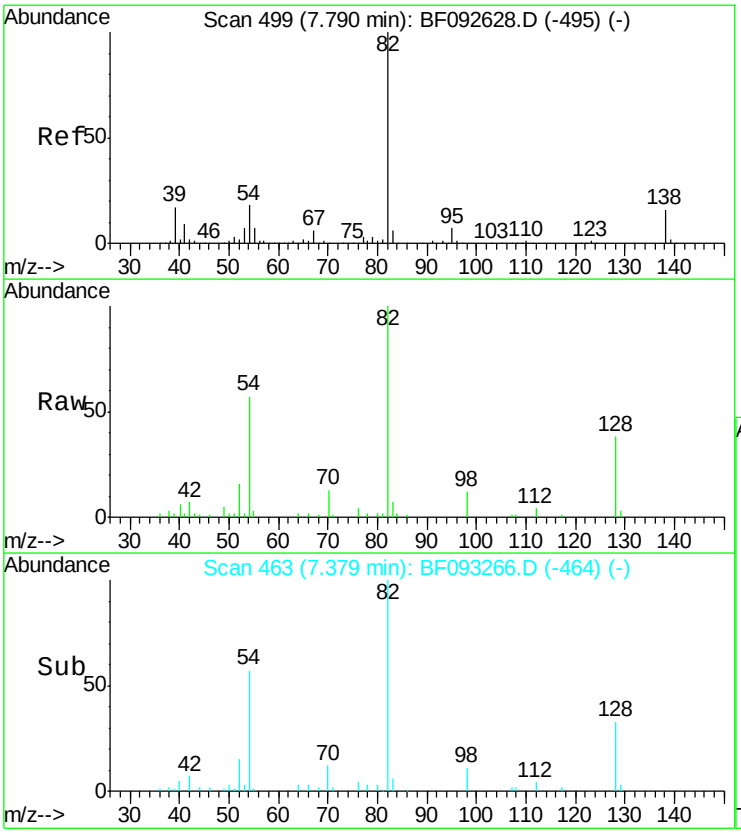
#23
Nitrobenzene-d5
Concen: 4.25 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion: 82 Resp: 32409

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	56.8	39.5	59.3

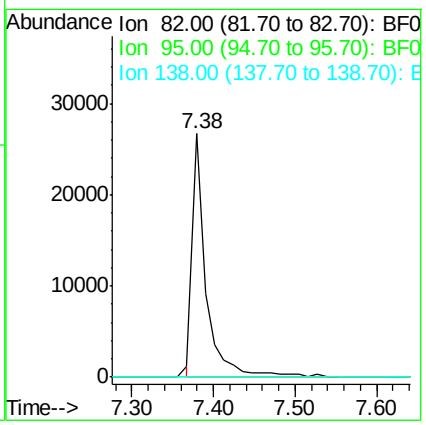


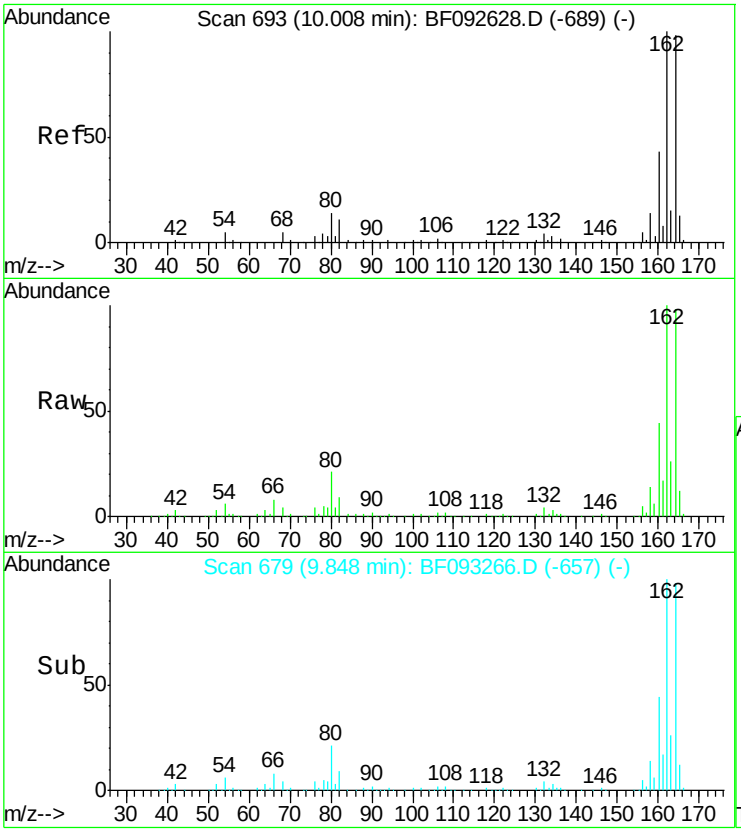


#25
Isophorone
Concen: 2.22 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion: 82 Resp: 31565

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



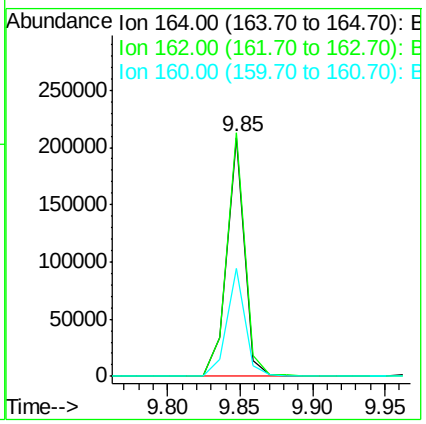


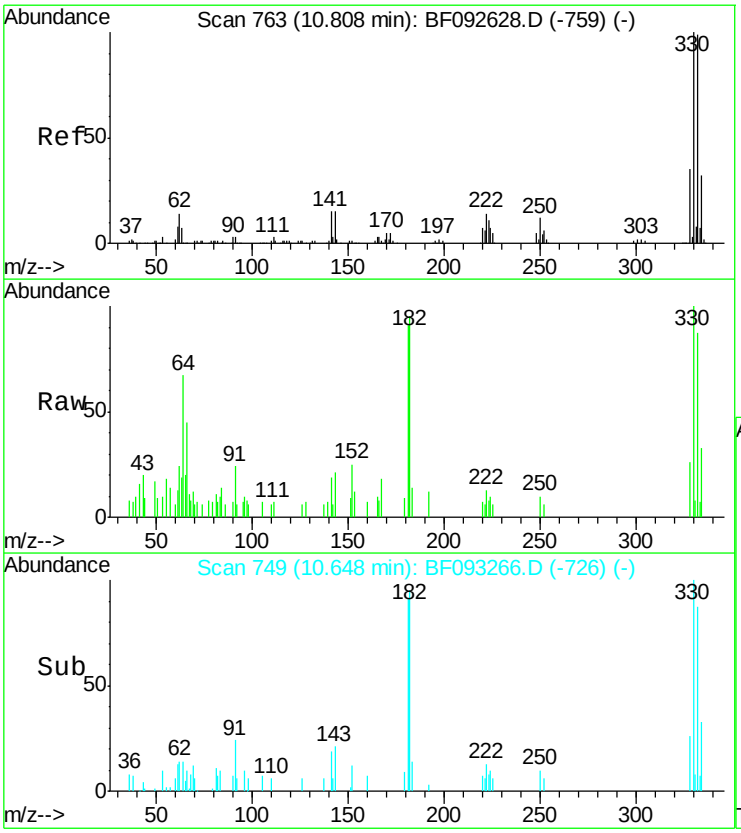
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:164 Resp: 177996

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	45.1	36.9	55.3

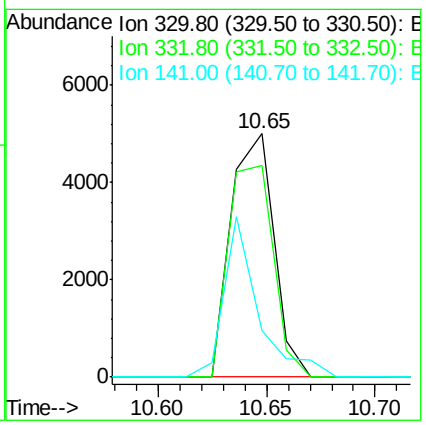


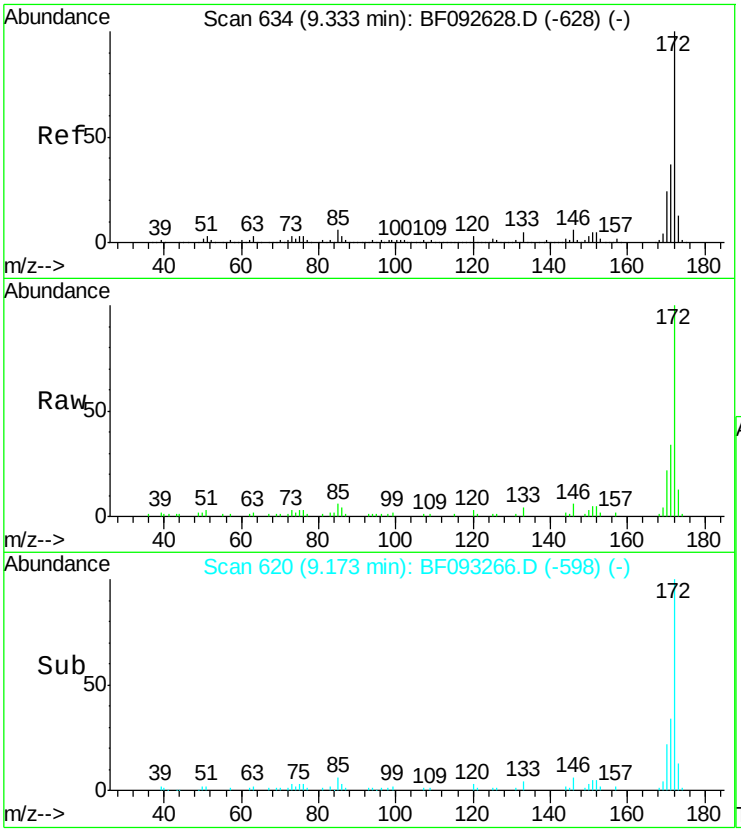


#41
2,4,6-Tribromophenol
Concen: 5.33 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:330 Resp: 6867

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.4	116.2
141	52.8	34.1	51.1#



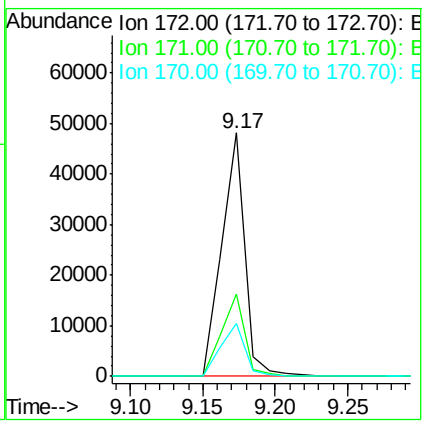


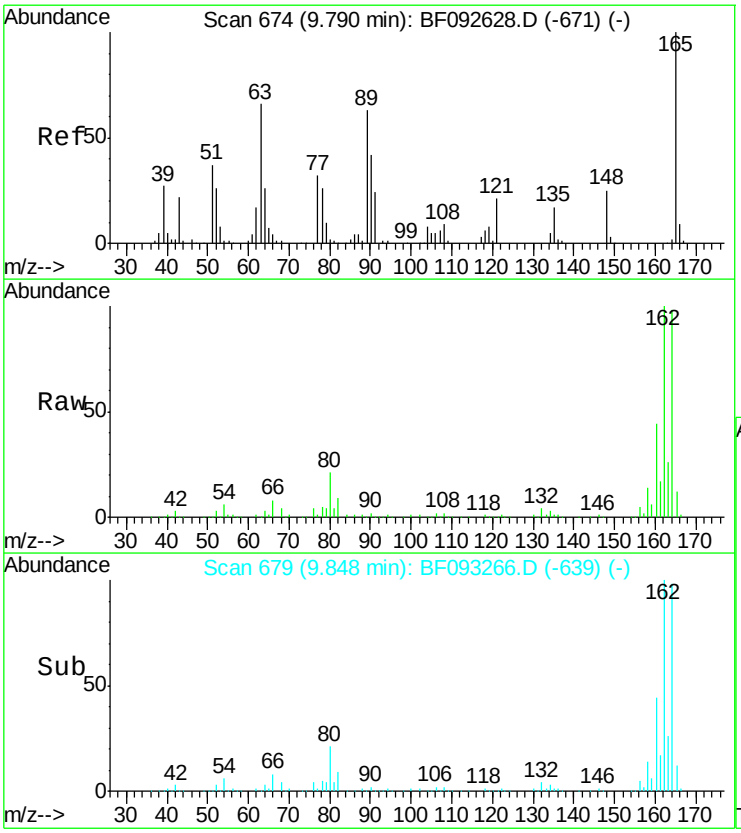
#44
2-Fluorobiphenyl
Concen: 5.41 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:172 Resp: 53175

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.4	44.0
170	21.9	20.2	30.4

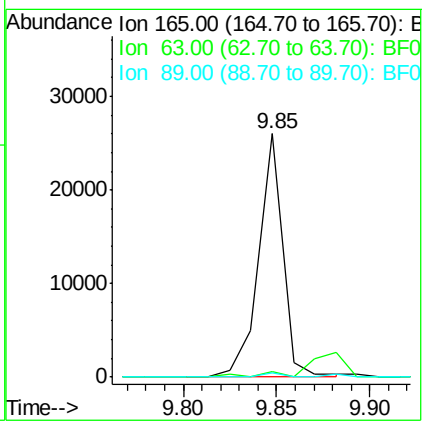


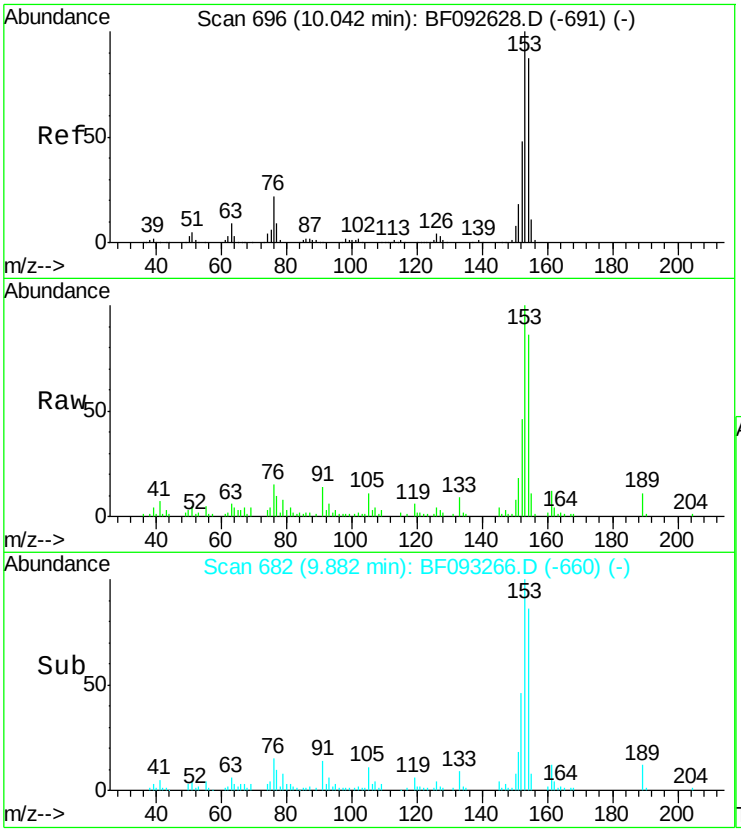


#50
2,6-Dinitrotoluene
Concen: 8.95 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:165 Resp: 23170

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.2	54.4#
89	1.7	40.2	60.4#



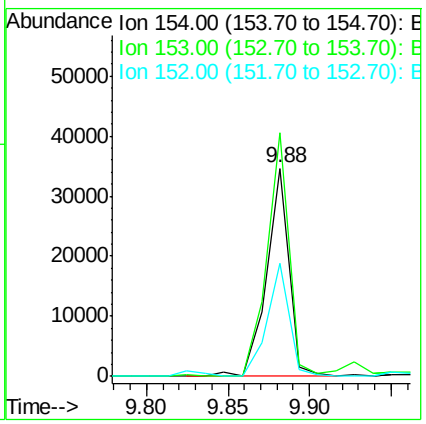


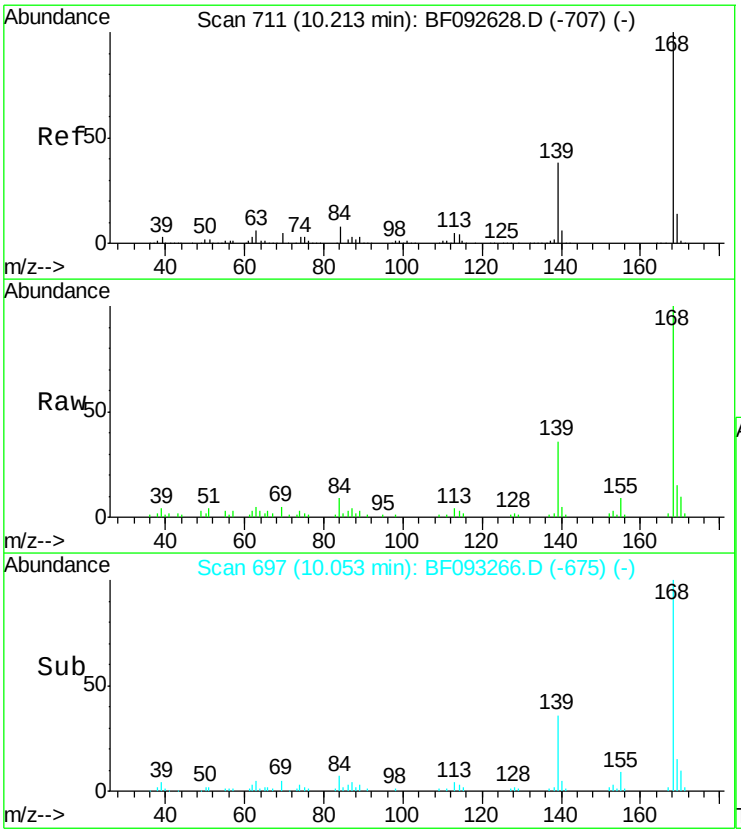
#51
Acenaphthene
Concen: 3.17 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:154 Resp: 32991

Ion	Ratio	Lower	Upper
154	100		
153	116.8	88.6	133.0
152	54.2	41.6	62.4

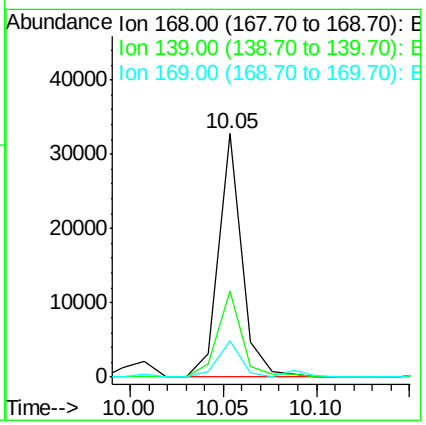


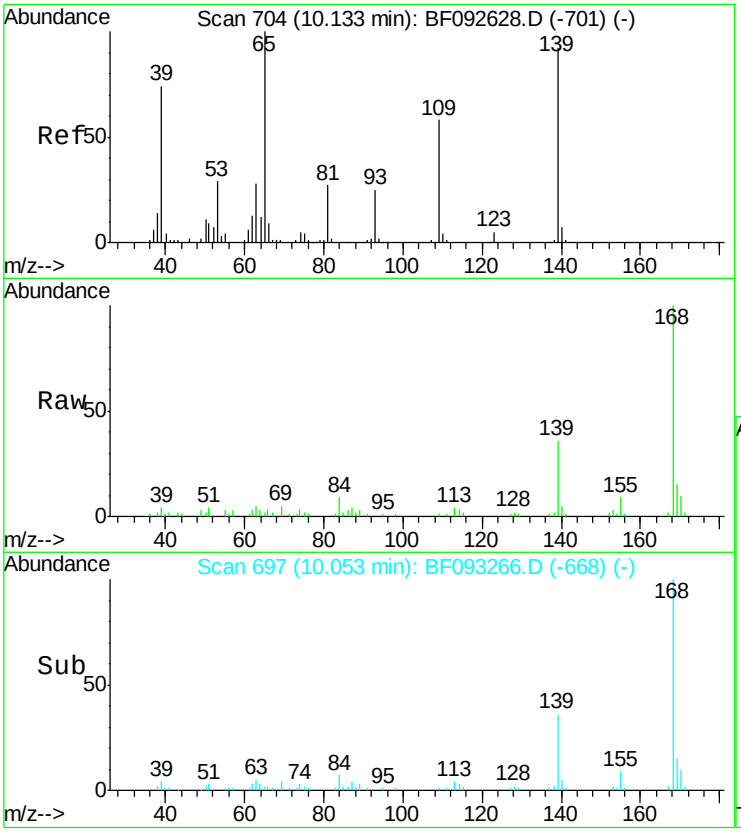


#54
Dibenzofuran
Concen: 2.06 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:168 Resp: 28637

Ion	Ratio	Lower	Upper
168	100		
139	35.7	32.6	49.0
169	15.0	11.3	16.9



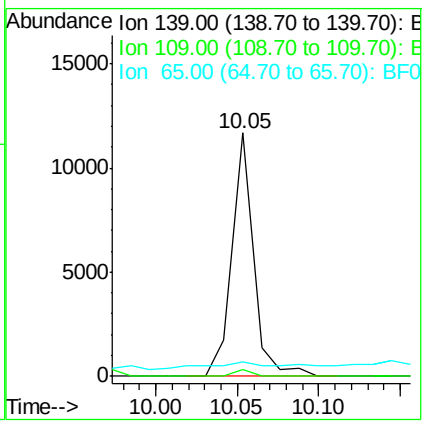


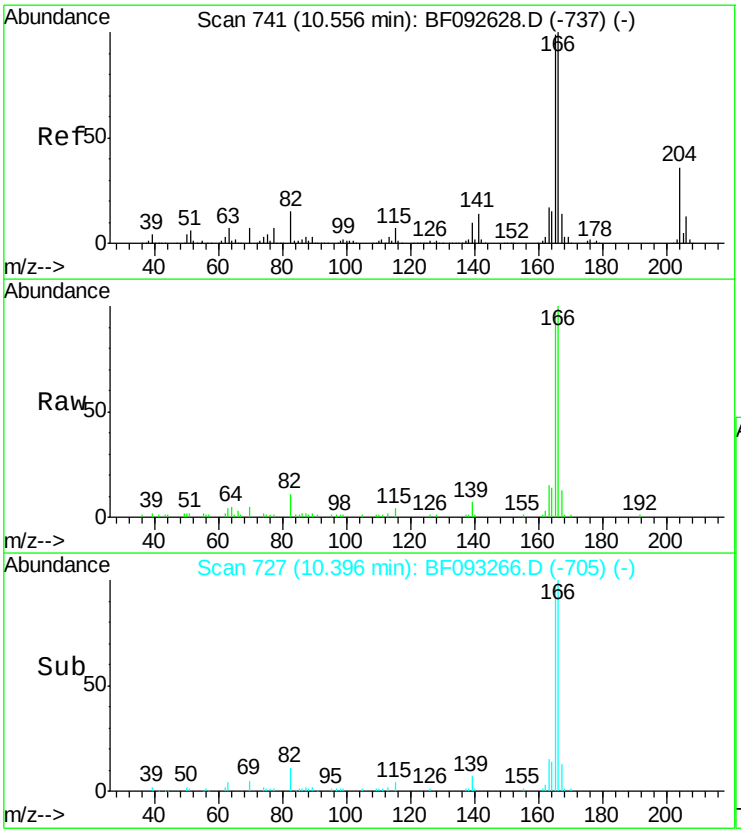
#55
4-Nitrophenol
Concen: 4.98 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.03 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:139 Resp: 10631

Ion	Ratio	Lower	Upper
139	100		
109	2.8	52.2	92.2#
65	5.7	85.8	125.8#

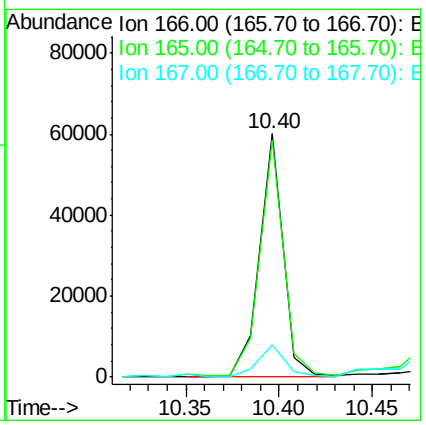


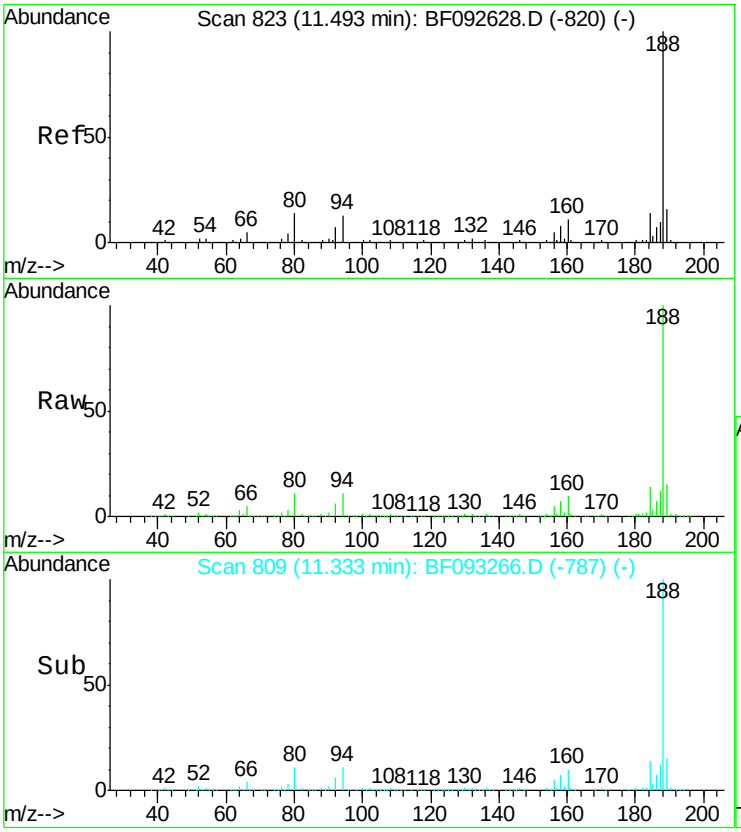


#57
Fluorene
Concen: 4.90 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:166 Resp: 52541

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.3	10.8	16.2



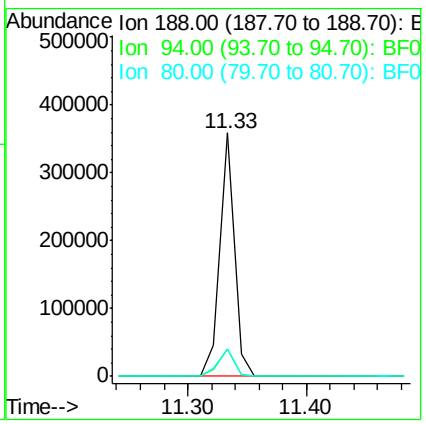


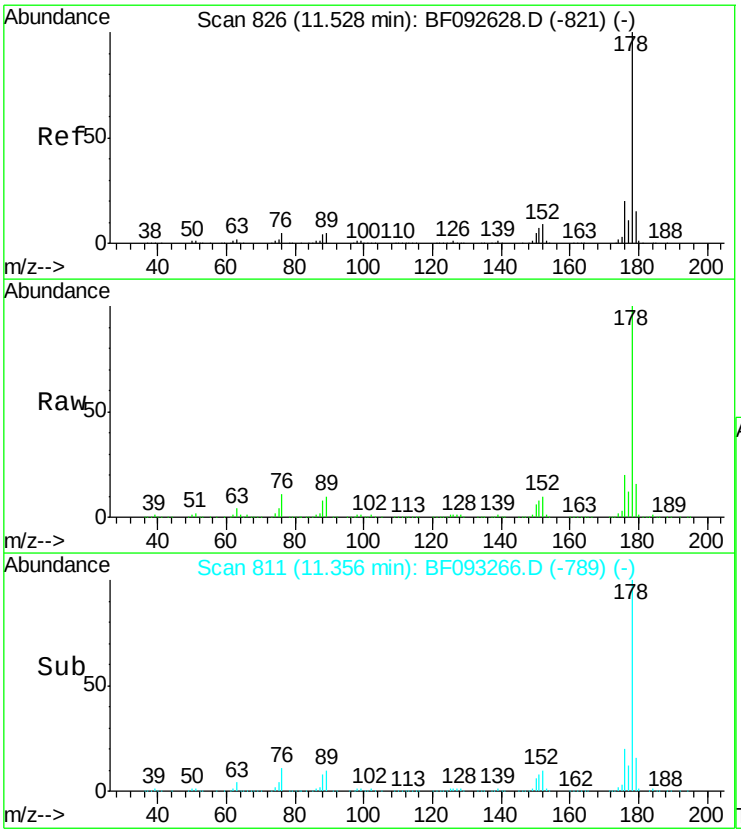
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:188 Resp: 302051

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.0	15.0
80	11.1	11.2	16.8#

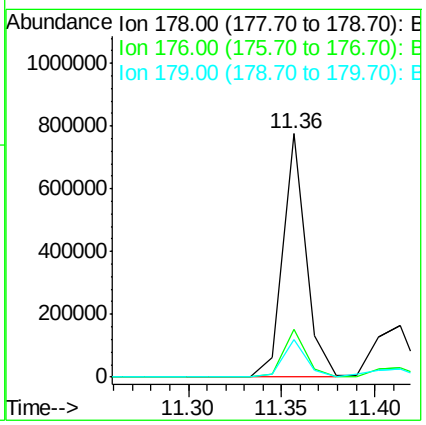


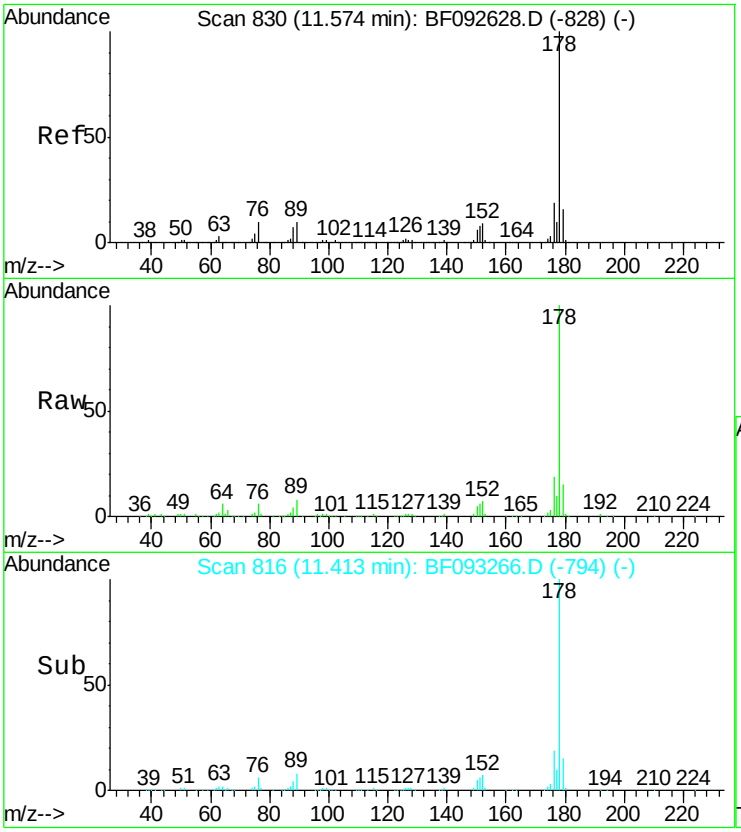


#70
Phenanthrene
Concen: 38.55 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:178 Resp: 667104

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.5	12.8	19.2



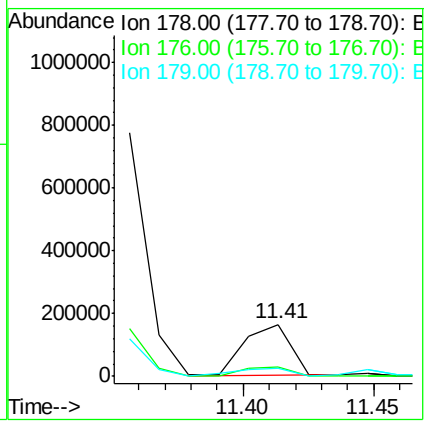


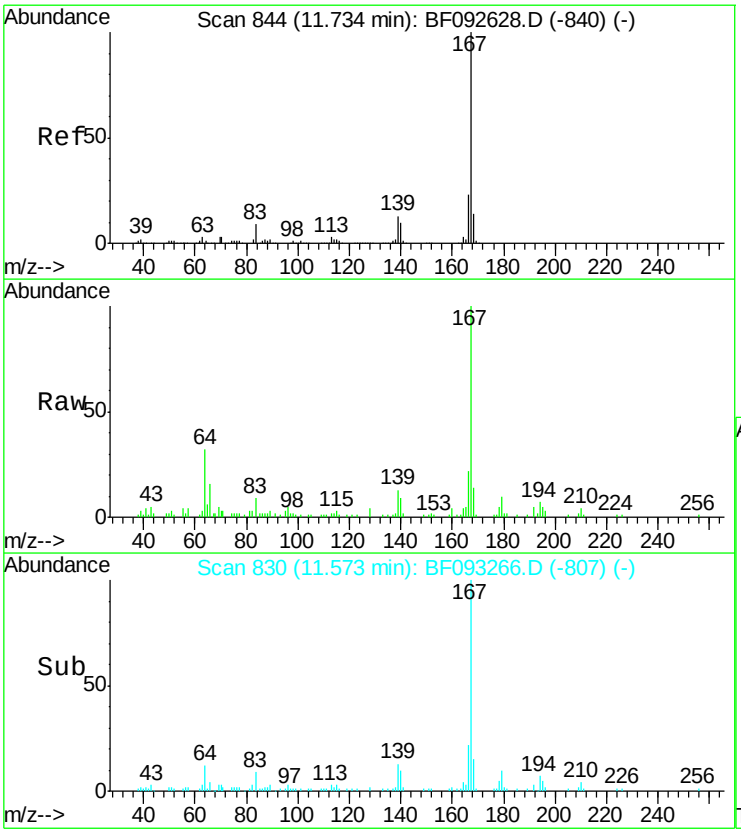
#71
Anthracene
Concen: 11.48 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:178 Resp: 199439

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.4	13.2	19.8

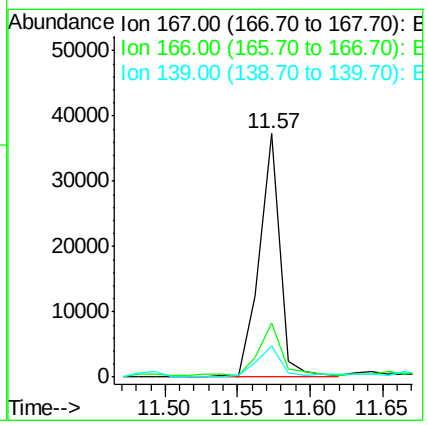


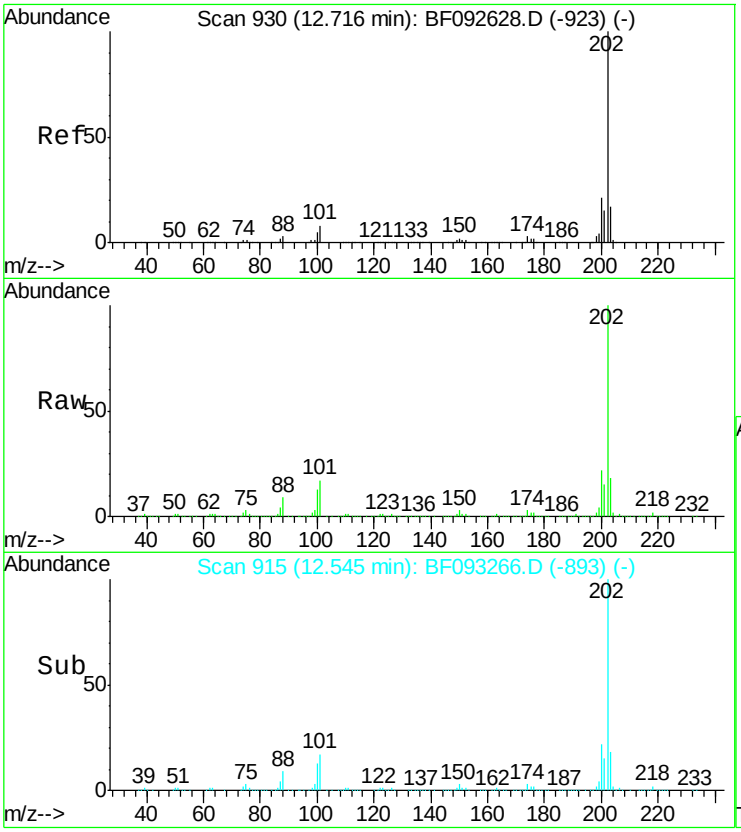


#72
Carbazole
Concen: 2.24 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:167 Resp: 37157

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.6	11.4	17.2



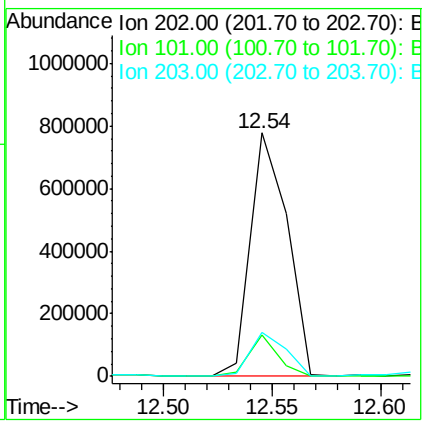


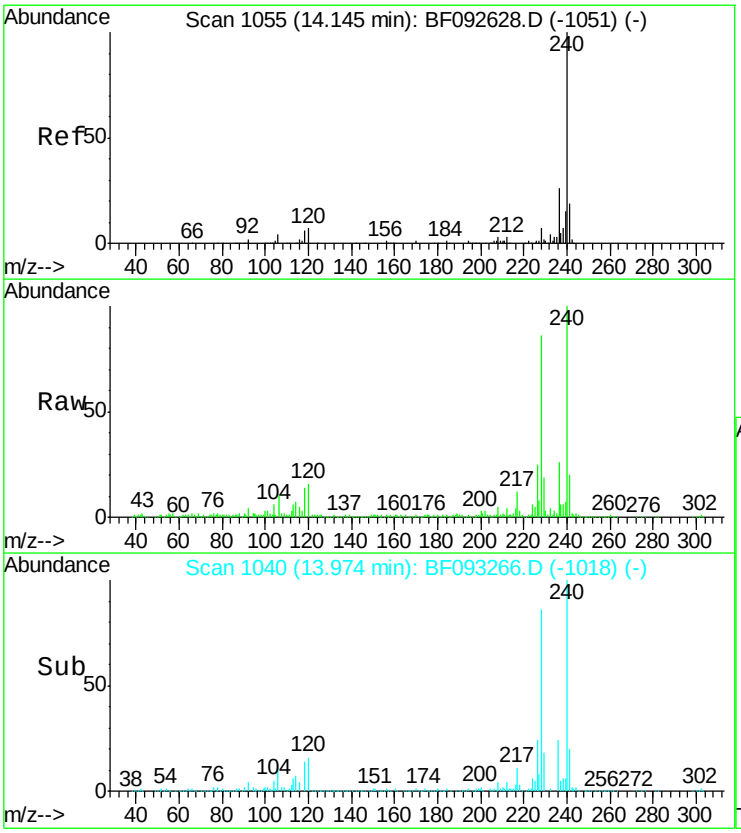
#74
Fluoranthene
Concen: 51.56 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:202 Resp: 920387

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	34.6
203	18.3	0.0	38.7

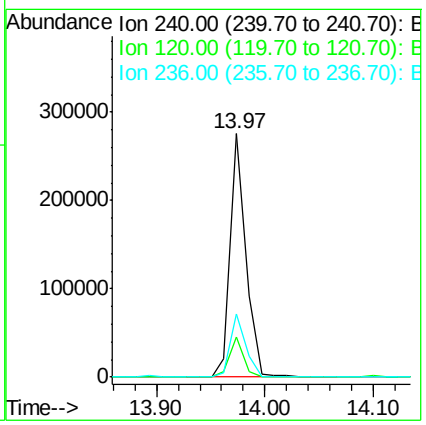


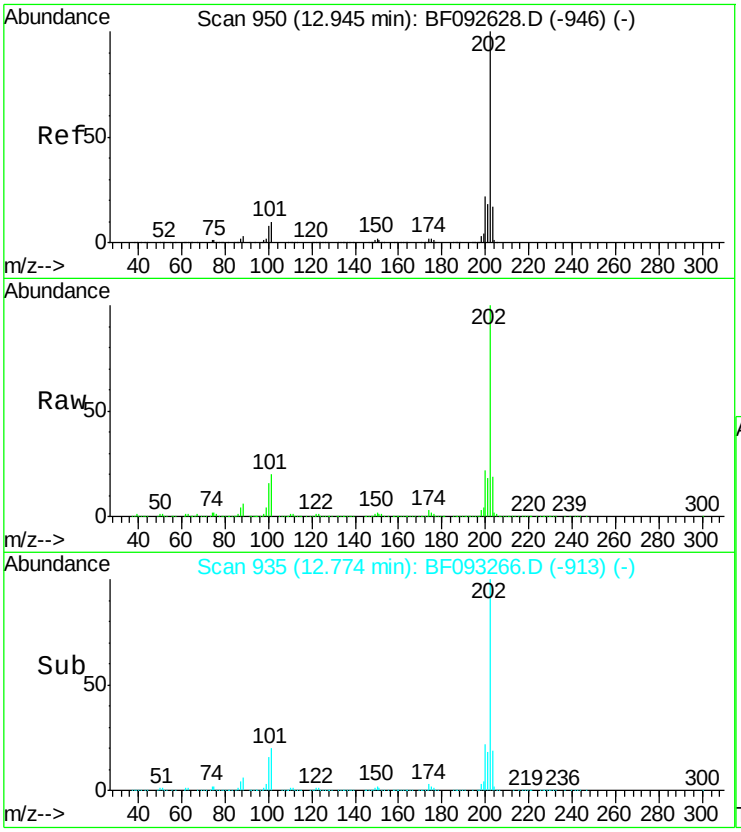


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:240 Resp: 270998

Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.9	19.3
236	26.1	20.9	31.3



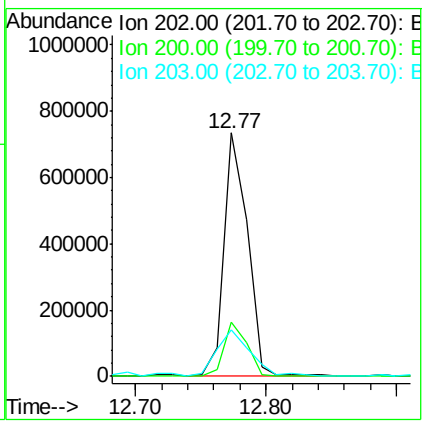


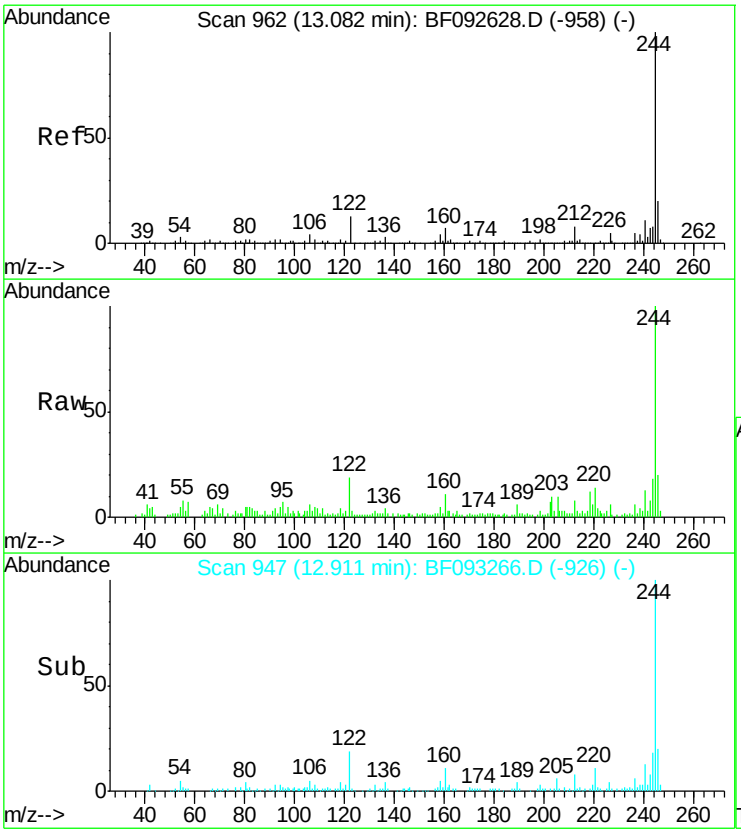
#77
Pyrene
Concen: 45.18 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:202 Resp: 916345

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	19.3	14.7	22.1

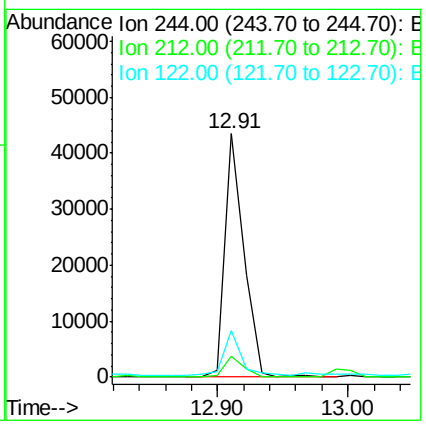


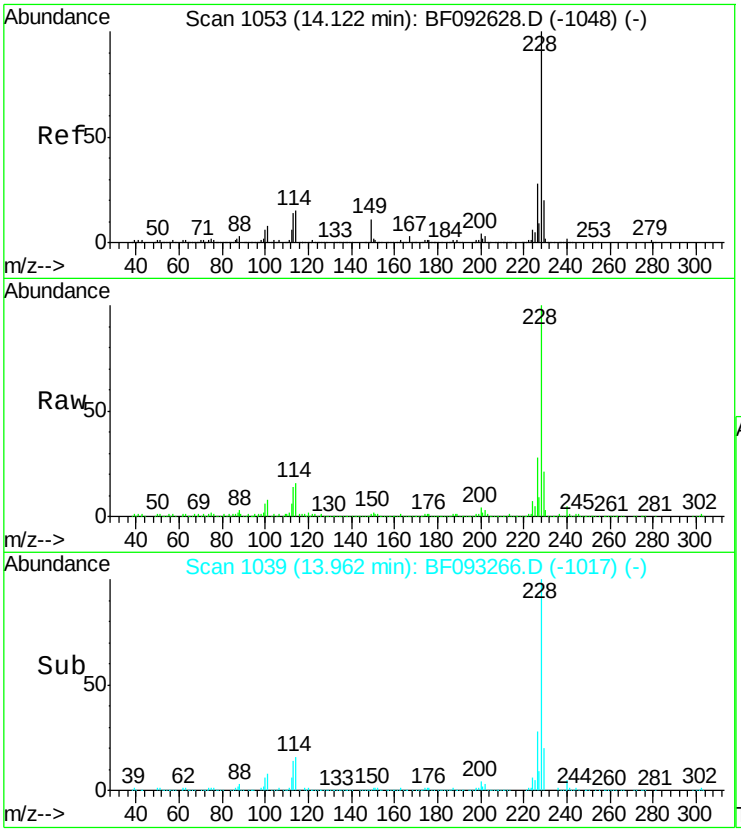


#78
Terphenyl-d14
Concen: 3.84 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:244 Resp: 44246

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	18.9	11.4	17.2#



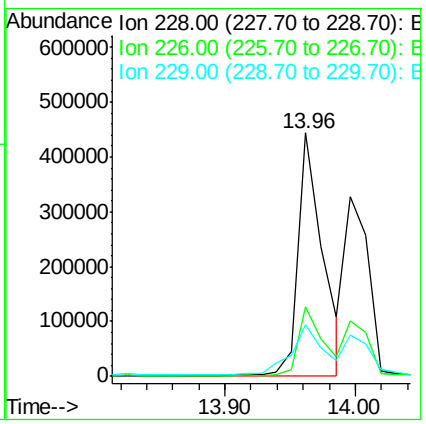


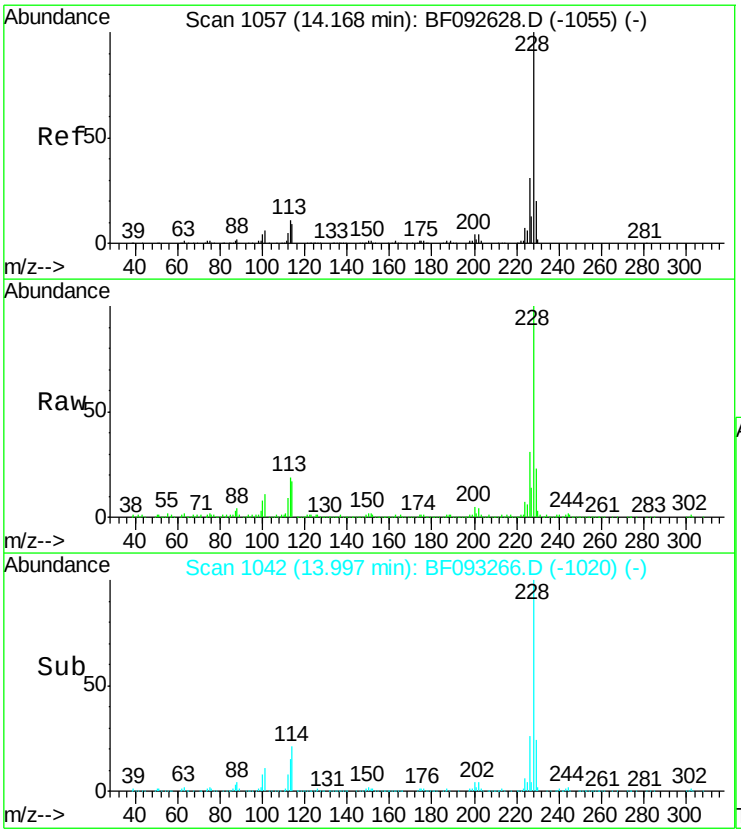
#80
Benzo(a)anthracene
Concen: 34.89 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:228 Resp: 578259

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	21.3	16.2	24.4

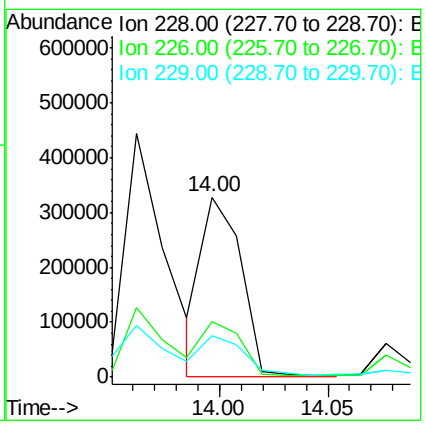


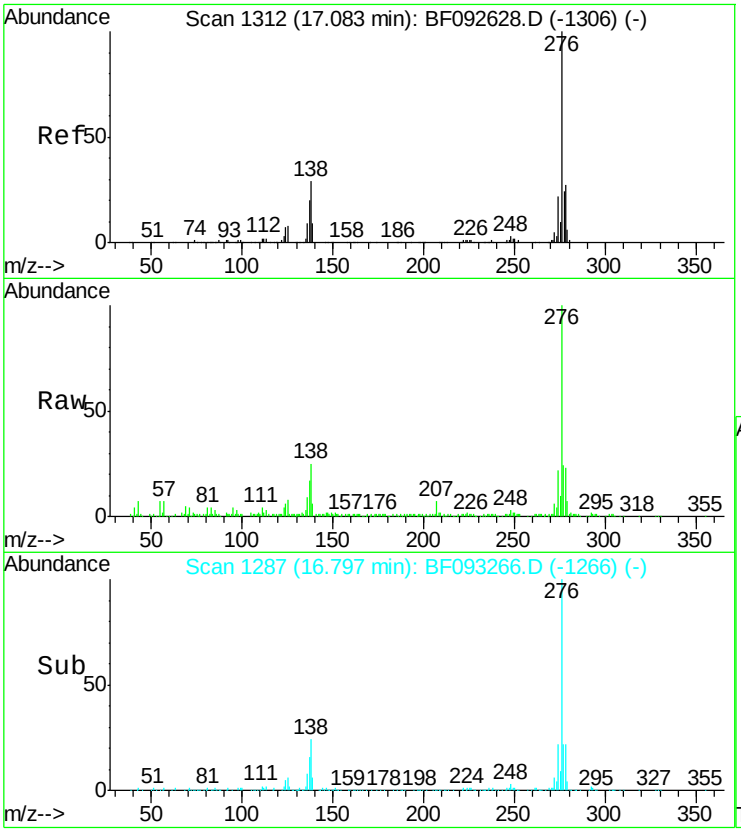


#82
Chrysene
Concen: 26.41 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:228 Resp: 409899

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	23.3	16.2	24.2



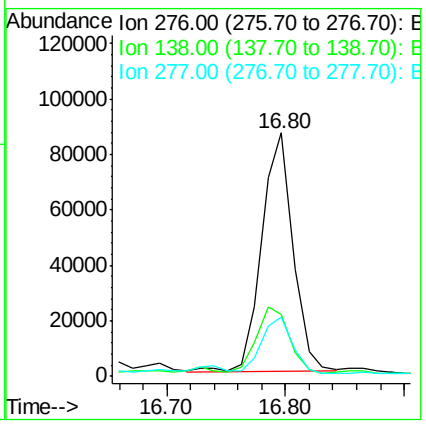


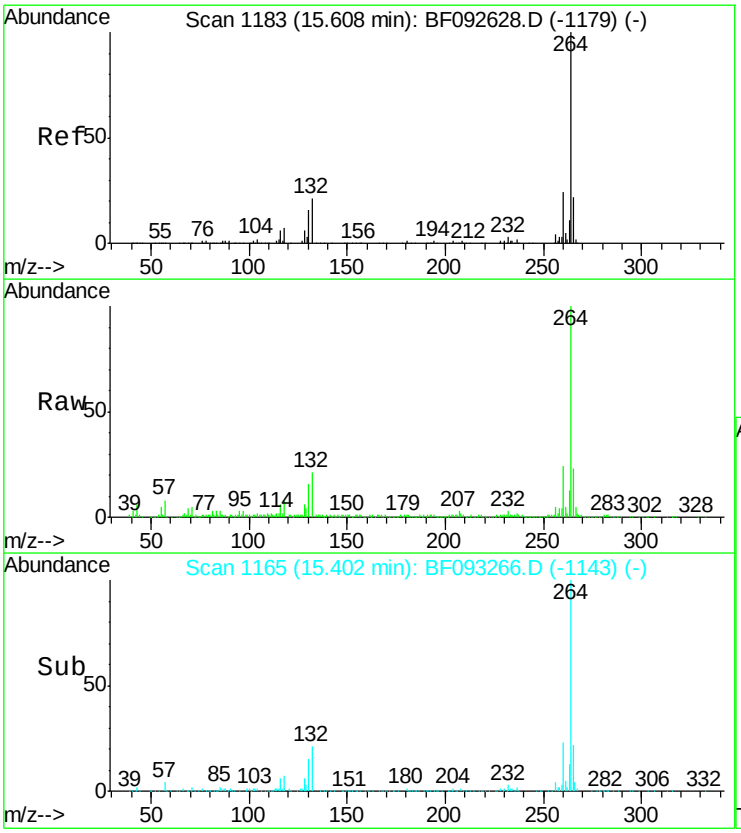
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.06 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:276 Resp: 156961

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.8	32.6
277	23.1	20.2	30.4

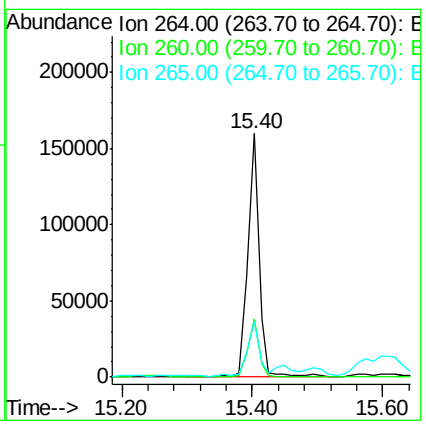


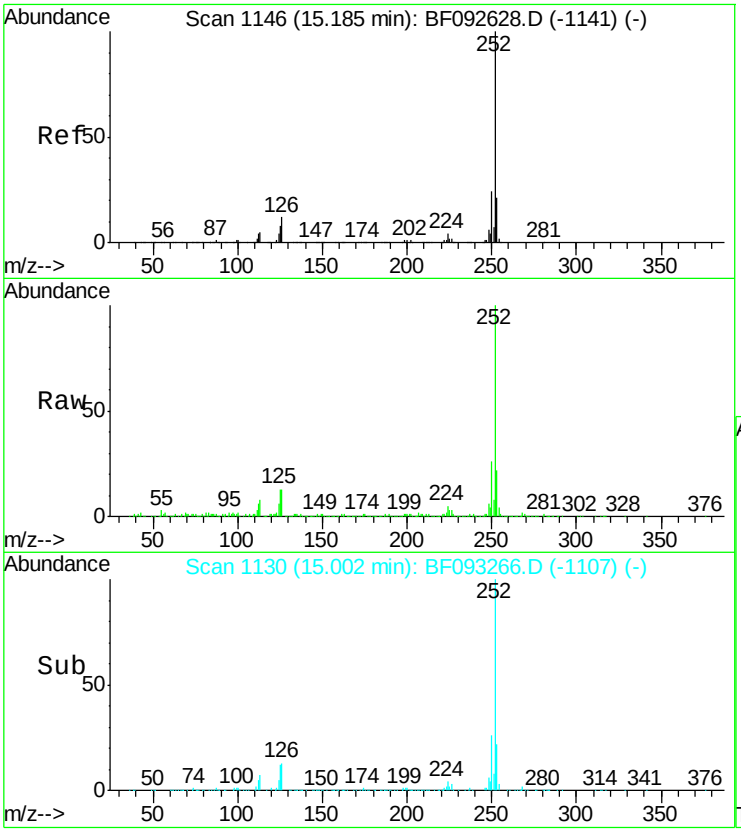


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:264 Resp: 190719

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.8	17.4	26.0



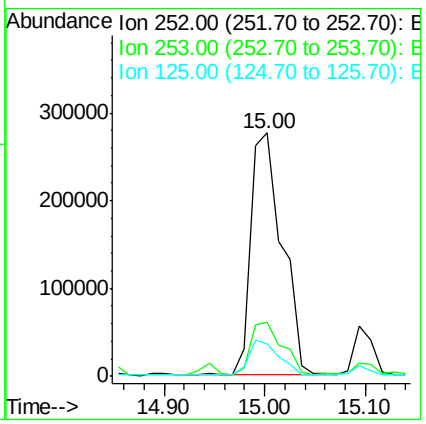


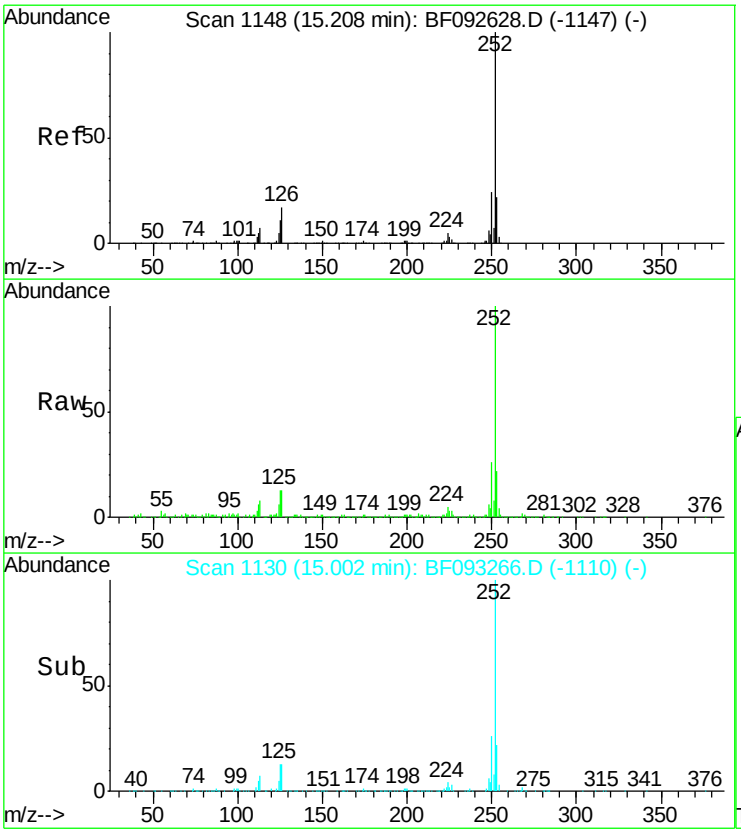
#87
Benzo(b)fluoranthene
Concen: 47.72 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:252 Resp: 599069

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	13.2	9.8	14.6

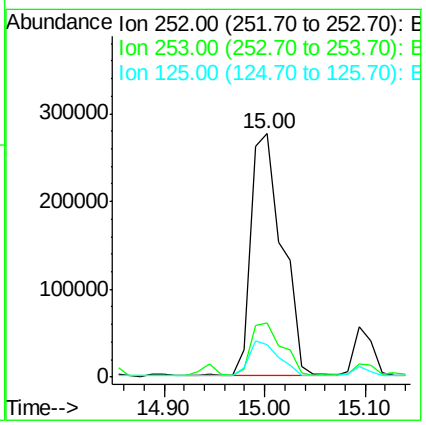


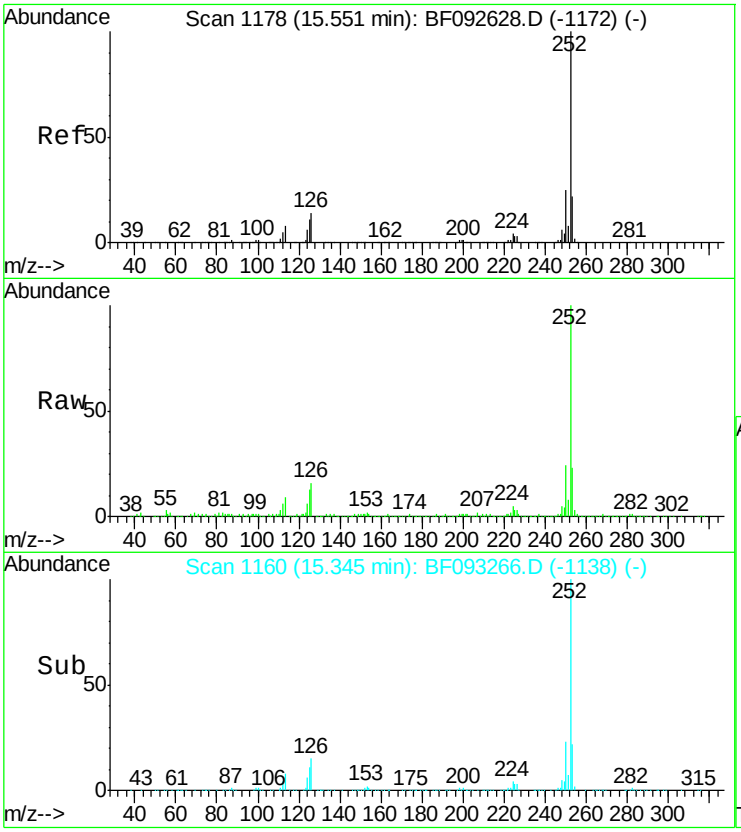


#88
Benzo(k)fluoranthene
Concen: 55.27 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:252 Resp: 599069

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	13.2	8.9	13.3



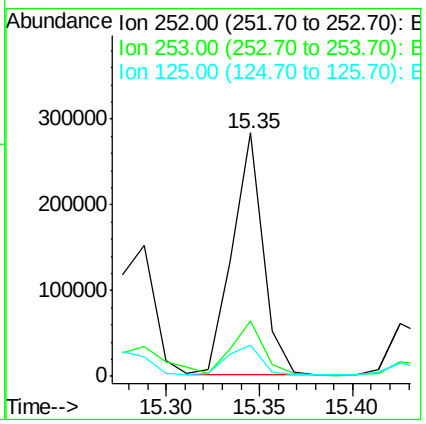


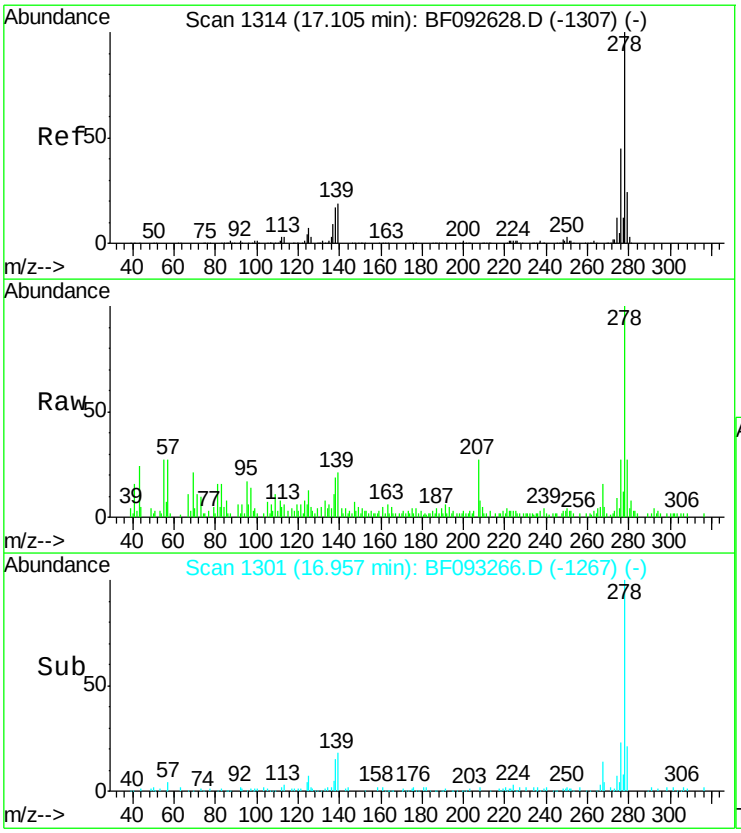
#89
Benzo(a)pyrene
Concen: 30.27 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:252 Resp: 328737

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.8	10.0	15.0

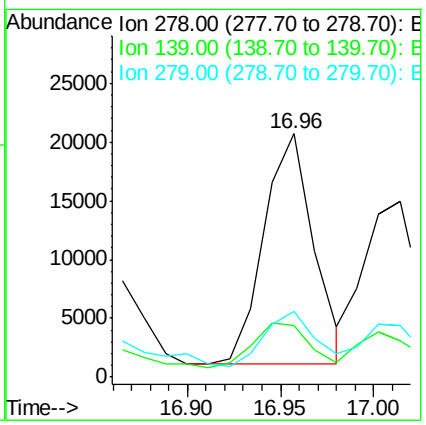


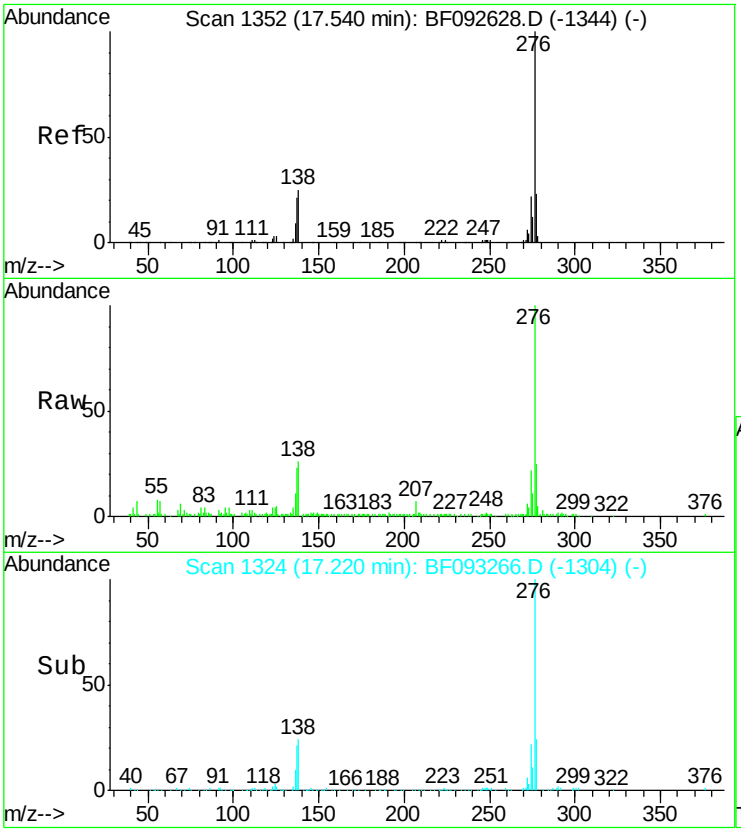


#90
Dibenzo(a,h)anthracene
Concen: 4.17 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.09 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Tgt Ion:278 Resp: 36595

Ion	Ratio	Lower	Upper
278	100		
139	21.2	14.8	22.2
279	26.8	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 17.45 ng
RT: 17.22 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF093266.D
Acq: 1 Mar 2017 1:47

Instrument :
BNA_F
ClientSampleId :
E2-W6-BASEDL

Tgt Ion:276 Resp: 154695

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	26.4	16.0	24.0#