Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093210.D
Acq On : 27 Feb 2017 15:47
Operator : SJ/MA
Sample : I1972-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2B15-BASE-2

Quant Time: Feb 27 16:15:37 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	6.83	152	166567	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	614623	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	247264	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	358524	20.00	ng		0.00
75) Chrysene-d12	14.02	240	326404	20.00	ng		0.00
86) Perylene-d12	15.45	264	272119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	265310	27.33	ng		-0.02
7) Phenol-d6	6.48	99	334670	26.79	ng		-0.01
23) Nitrobenzene-d5	7.40	82	187895	17.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	40489	22.64	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	315642	23.13	ng		-0.01
78) Terphenyl-d14	12.96	244	174611	12.57	ng		-0.01
Target Compounds							Qvalue
17) 2-Methylphenol	7.26	107	29245	3.18	ng	#	65
20) 3+4-Methylphenols	7.26	107	30099	2.74	ng	#	63
32) Benzoic acid	7.93	122	1015	7.33	ng	#	31
55) 4-Nitrophenol	10.09	139	8025	2.71	ng	#	18
56) 2,4-Dinitrotoluene	9.88	165	33817	7.06	ng	#	21
70) Phenanthrene	11.40	178	167040	8.13	ng		97
71) Anthracene	11.45	178	42995	2.08	ng		99
74) Fluoranthene	12.59	202	203173	9.59	ng		96
77) Pyrene	12.82	202	181722	7.44	ng		99
80) Benzo(a)anthracene	14.01	228	100173	5.02	ng		95
82) Chrysene	14.01	228	100173	5.36	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	32567	2.25	ng		96
87) Benzo(b)fluoranthene	15.04	252	136884	7.64	ng	#	89
88) Benzo(k)fluoranthene	15.04	252	136884	8.85	ng	#	89
89) Benzo(a)pyrene	15.39	252	68555	4.42	ng	#	91
91) Benzo(g,h,i)perylene	17.29	276	34447	2.72	ng	#	85

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

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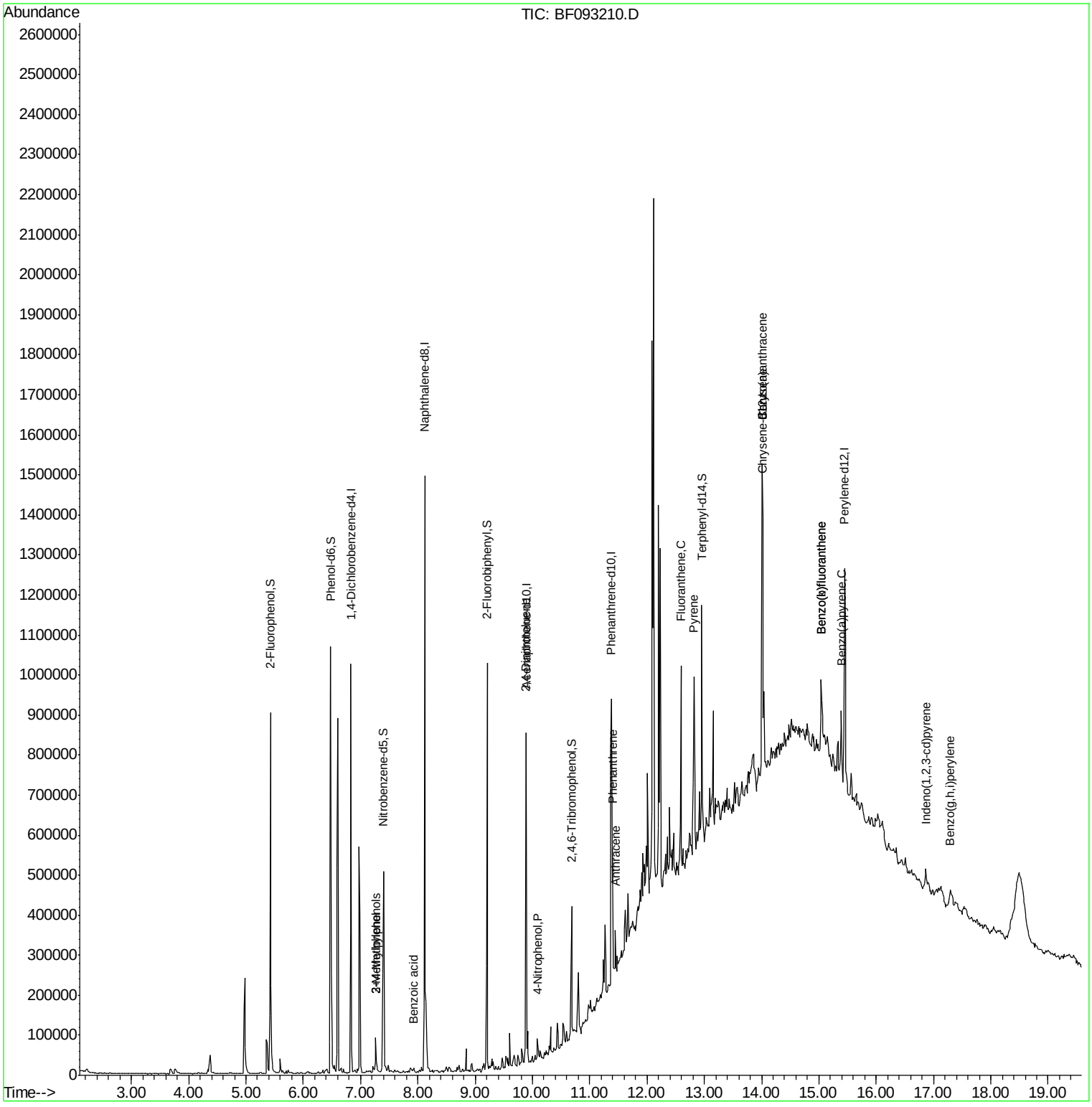
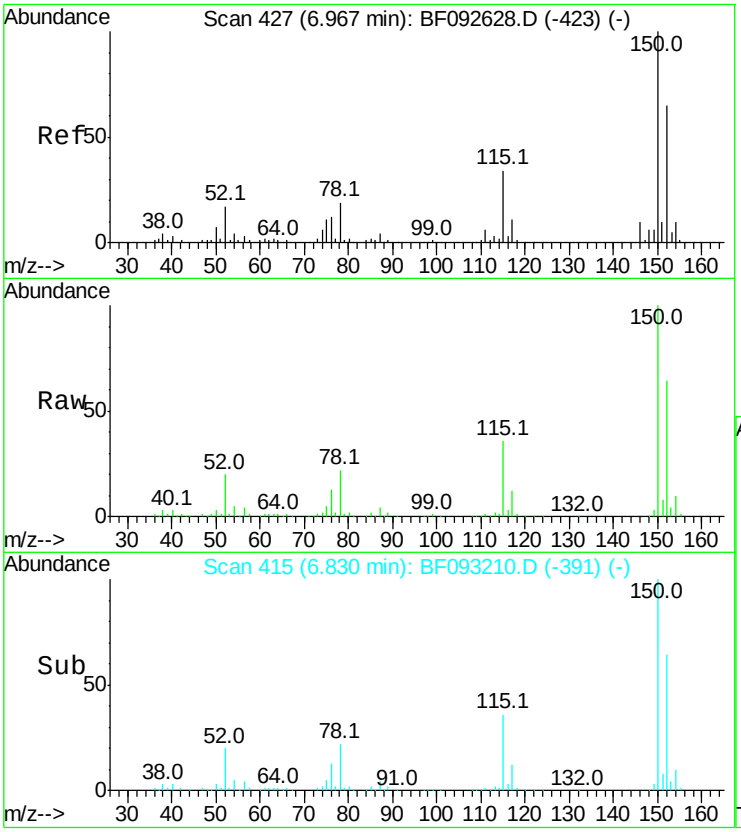


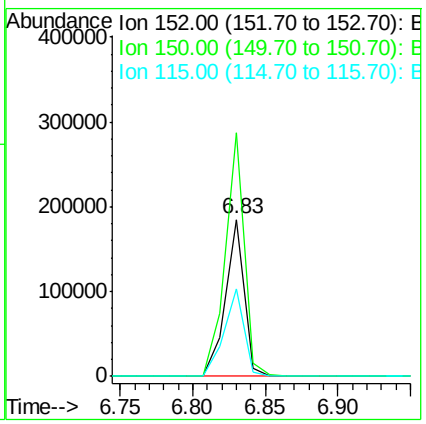


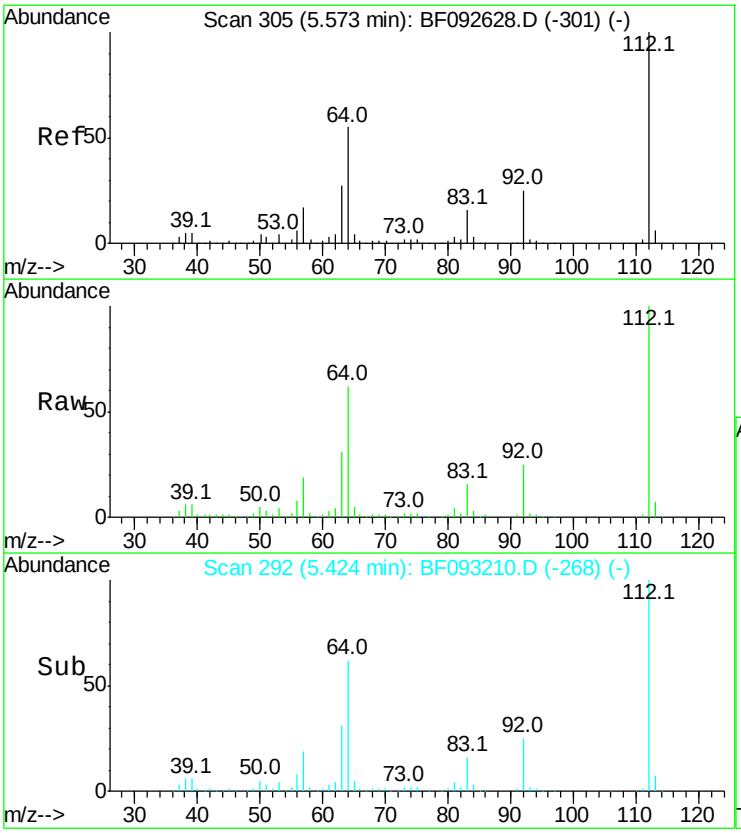
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:152 Resp: 166567

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	55.7	46.0	69.0

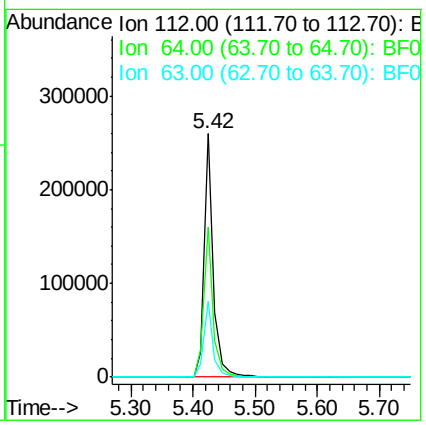


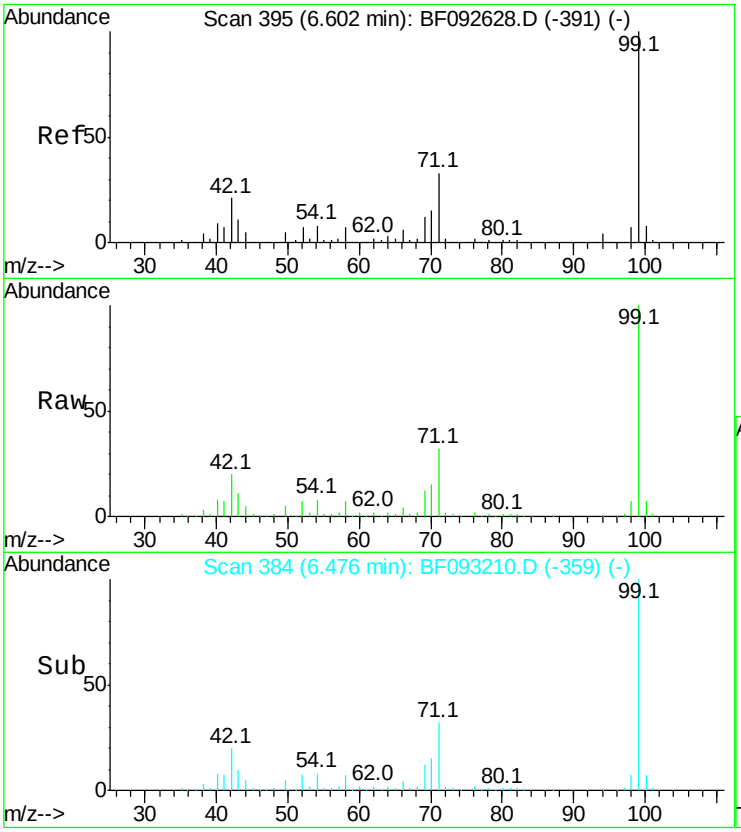


#5
2-Fluorophenol
Concen: 27.33 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:112 Resp: 265310

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.1	69.1
63	31.0	23.8	35.6



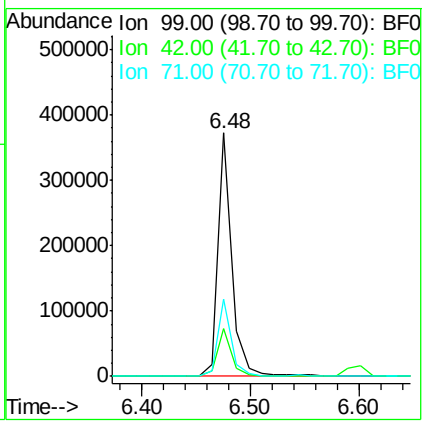


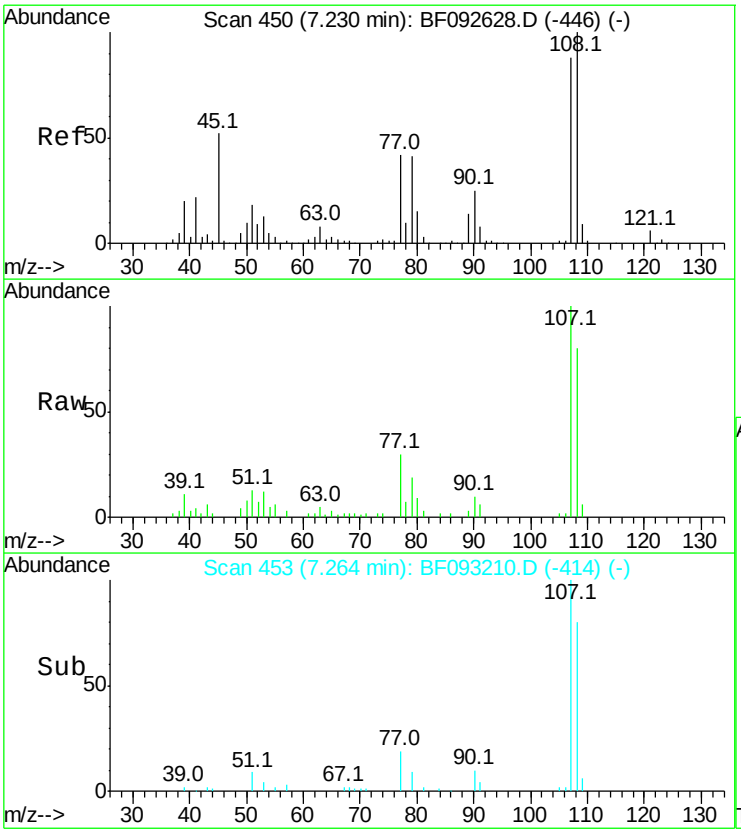
#7
Phenol-d6
Concen: 26.79 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion: 99 Resp: 334670

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	31.6	27.5	41.3

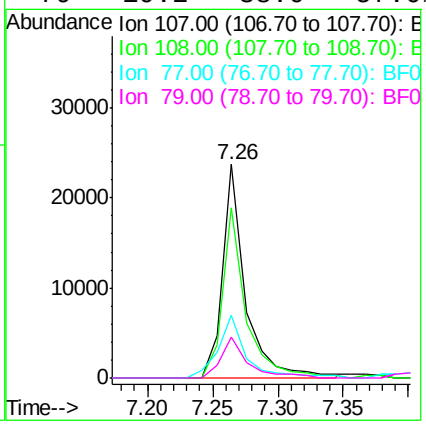


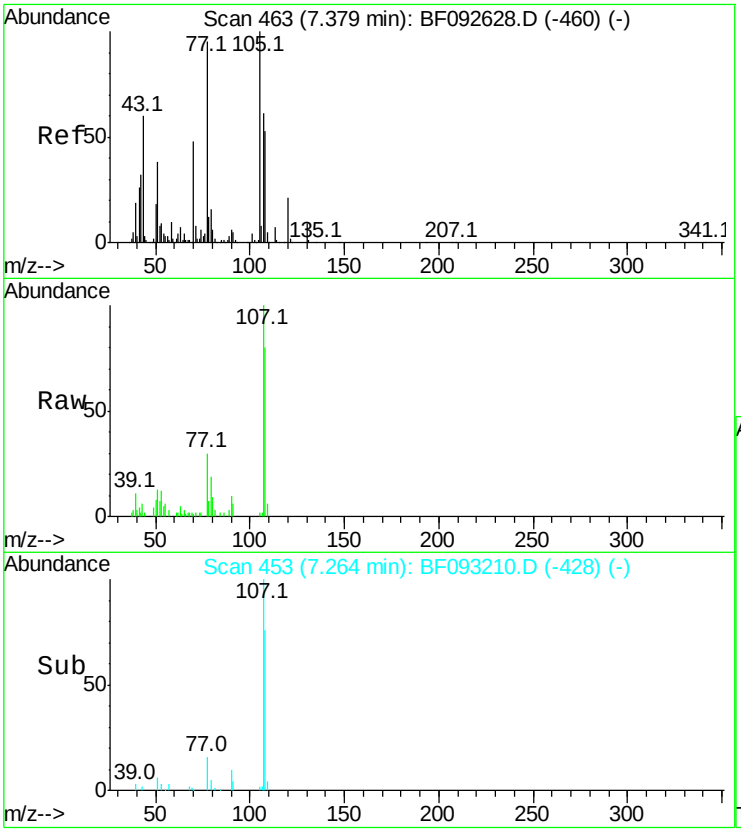


#17
2-Methylphenol
Concen: 3.18 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.15 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:107 Resp: 29245

Ion	Ratio	Lower	Upper
107	100		
108	79.5	93.0	139.6#
77	29.6	39.8	59.8#
79	19.2	38.0	57.0#



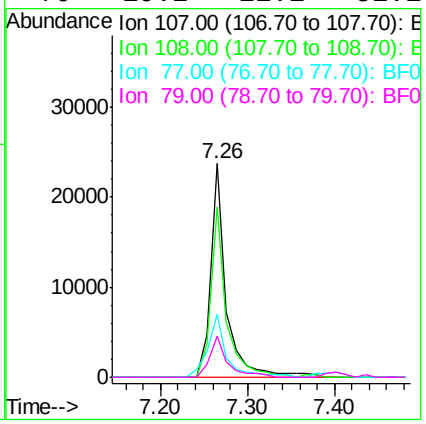


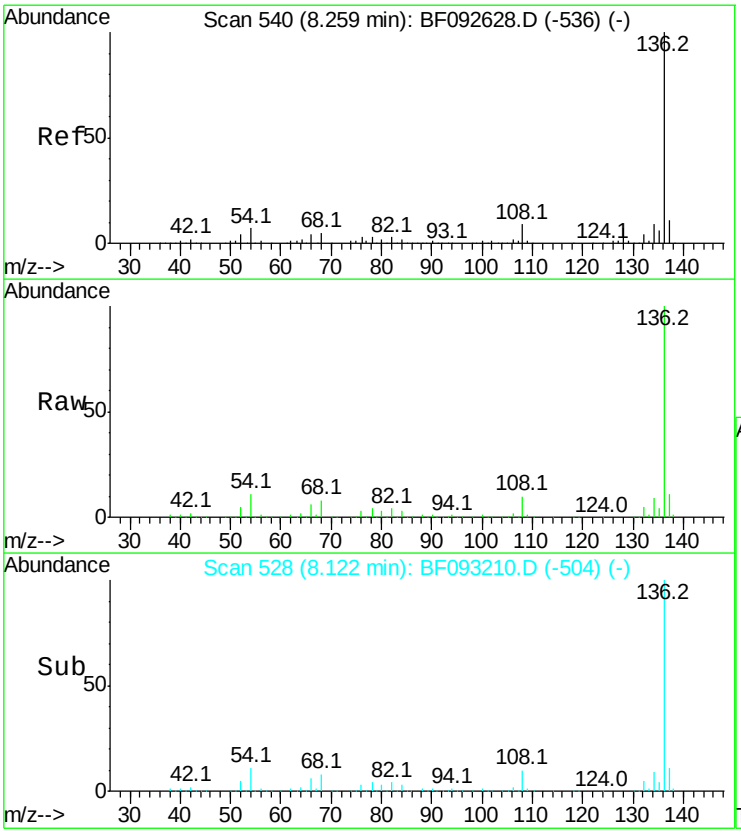
#20
3+4-Methylphenols
Concen: 2.74 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:107 Resp: 30099

Ion	Ratio	Lower	Upper
107	100		
108	79.5	73.0	113.0
77	29.6	71.3	111.3#
79	19.2	11.1	51.1

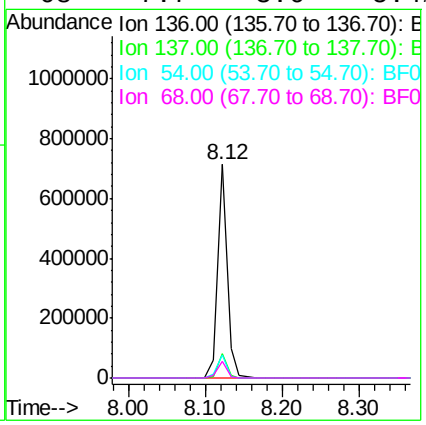


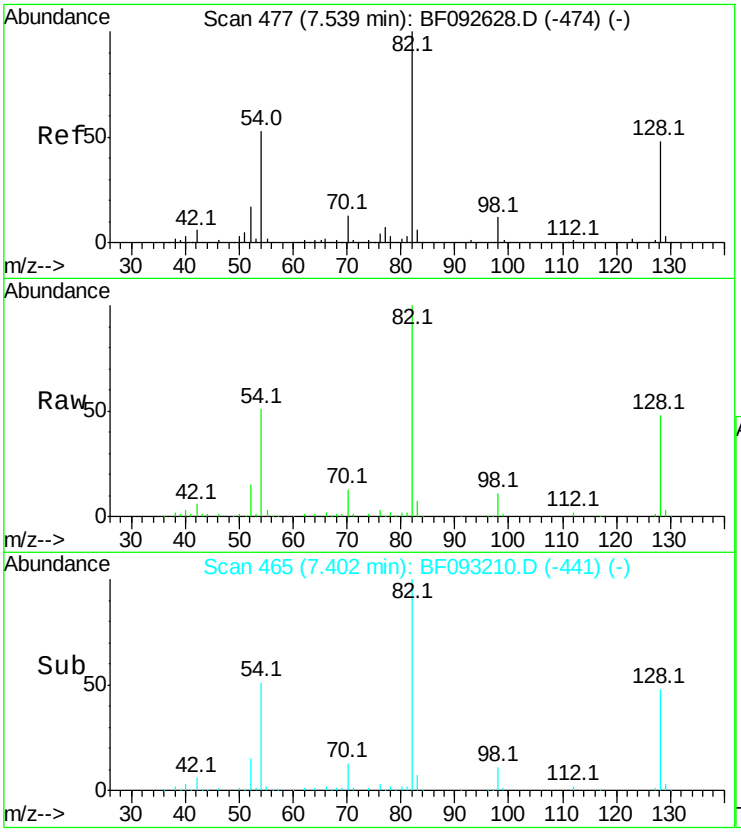


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:136 Resp: 614623

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.6	4.5	6.7#
68	7.7	3.6	5.4#



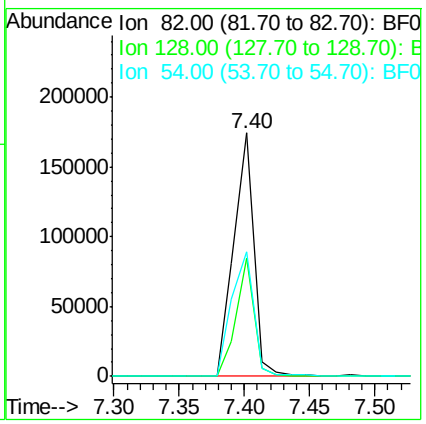


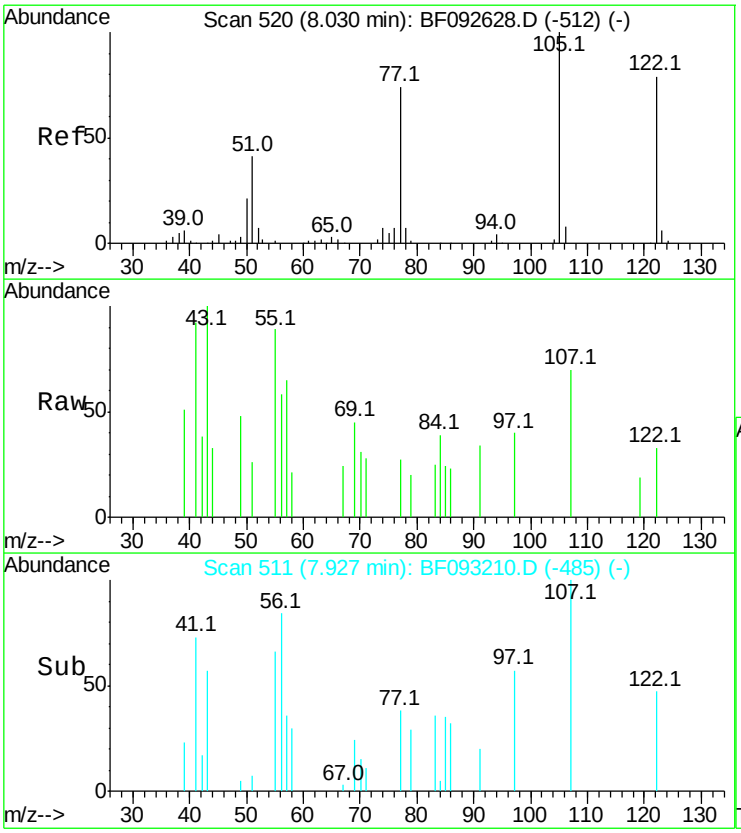
#23
Nitrobenzene-d5
Concen: 17.02 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion: 82 Resp: 187895

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	51.2	39.5	59.3

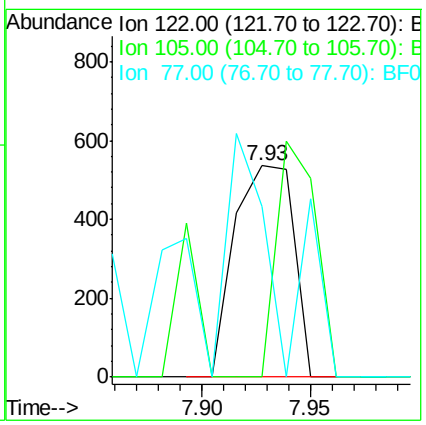


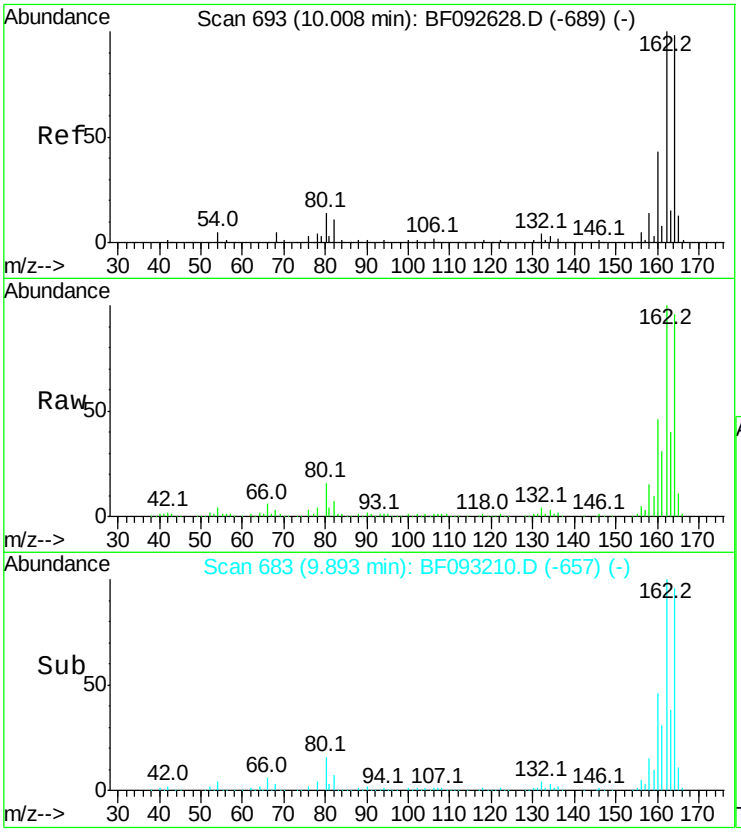


#32
Benzoic acid
Concen: 7.33 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:122 Resp: 1015

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	81.0	74.5	114.5



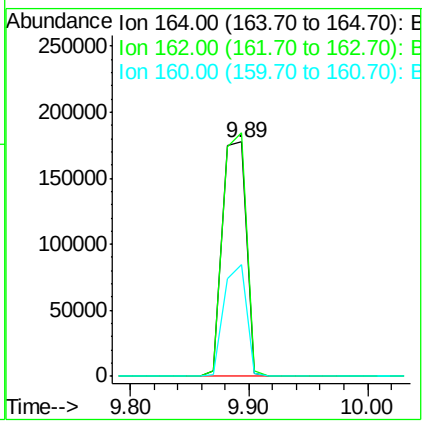


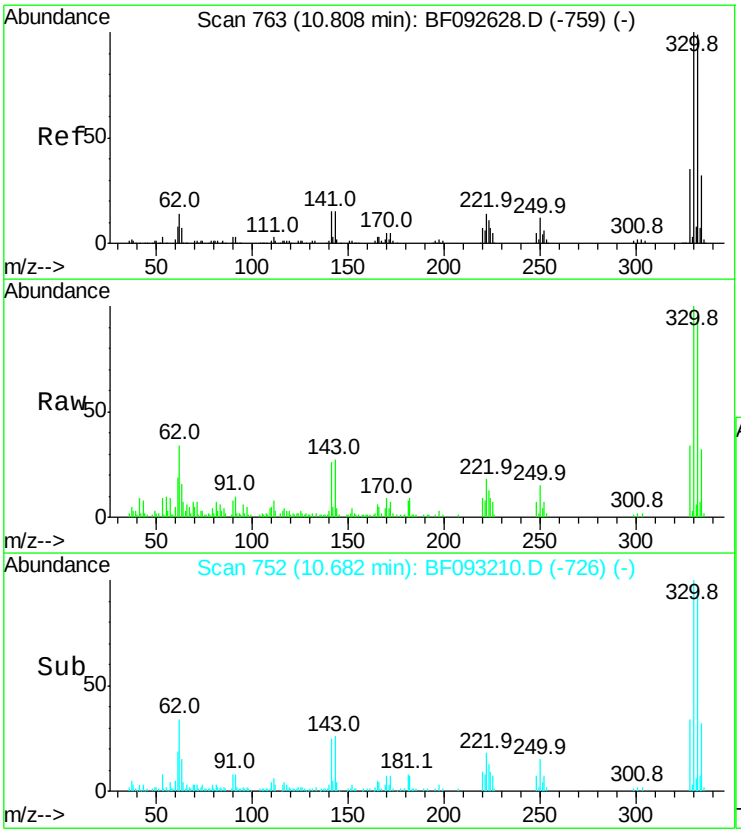
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:164 Resp: 247264

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.2	120.2
160	47.7	36.9	55.3

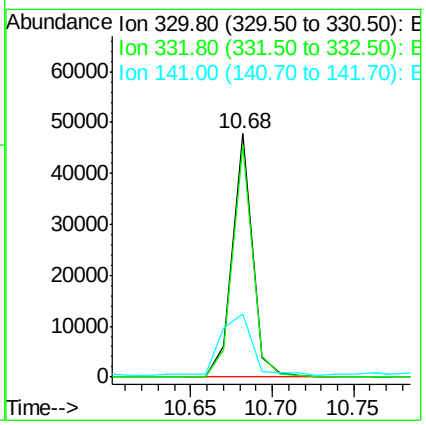


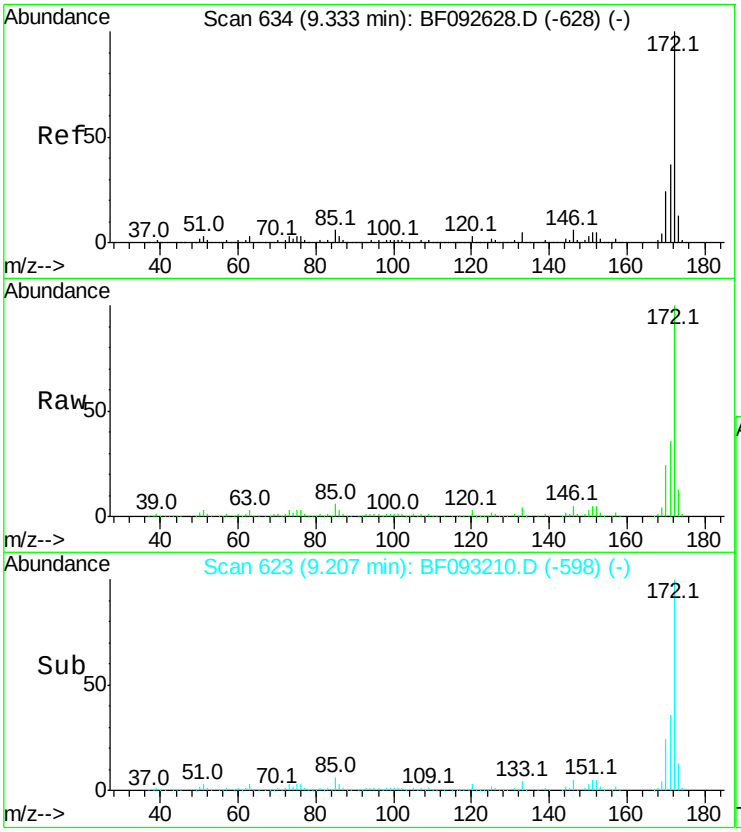


#41
2,4,6-Tribromophenol
Concen: 22.64 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:330 Resp: 40489

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	40.8	34.1	51.1



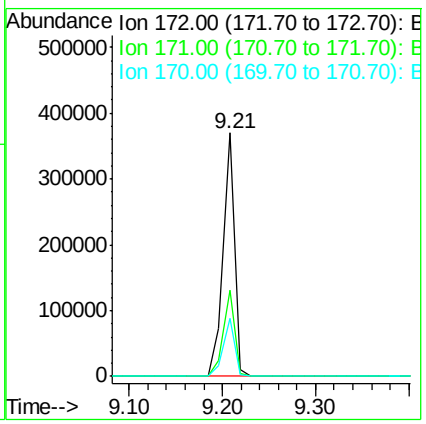


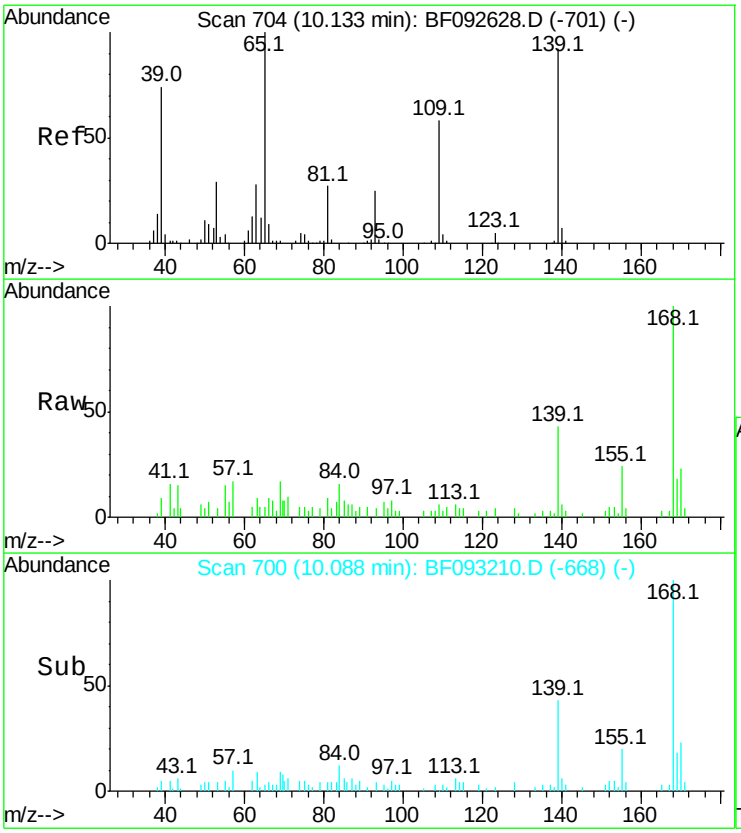
#44
2-Fluorobiphenyl
Concen: 23.13 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:172 Resp: 315642

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.9	20.2	30.4

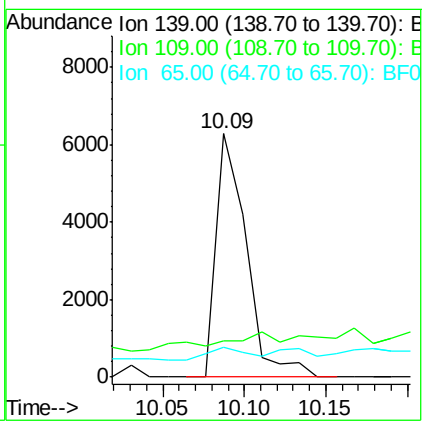


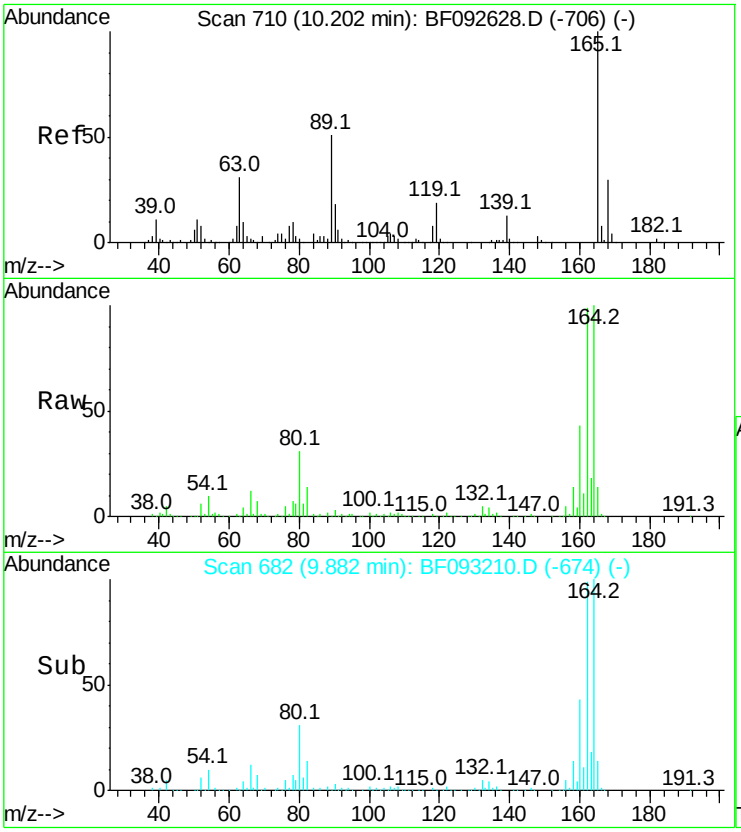


#55
4-Nitrophenol
Concen: 2.71 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.07 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:139 Resp: 8025

Ion	Ratio	Lower	Upper
139	100		
109	14.7	52.2	92.2#
65	12.3	85.8	125.8#



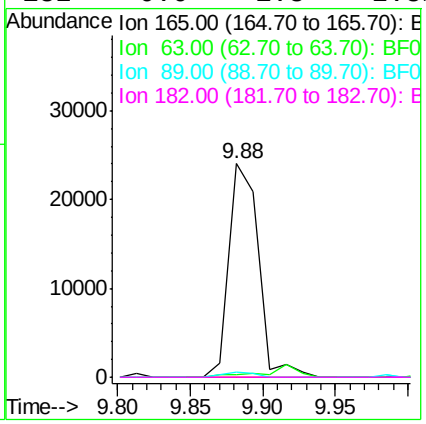


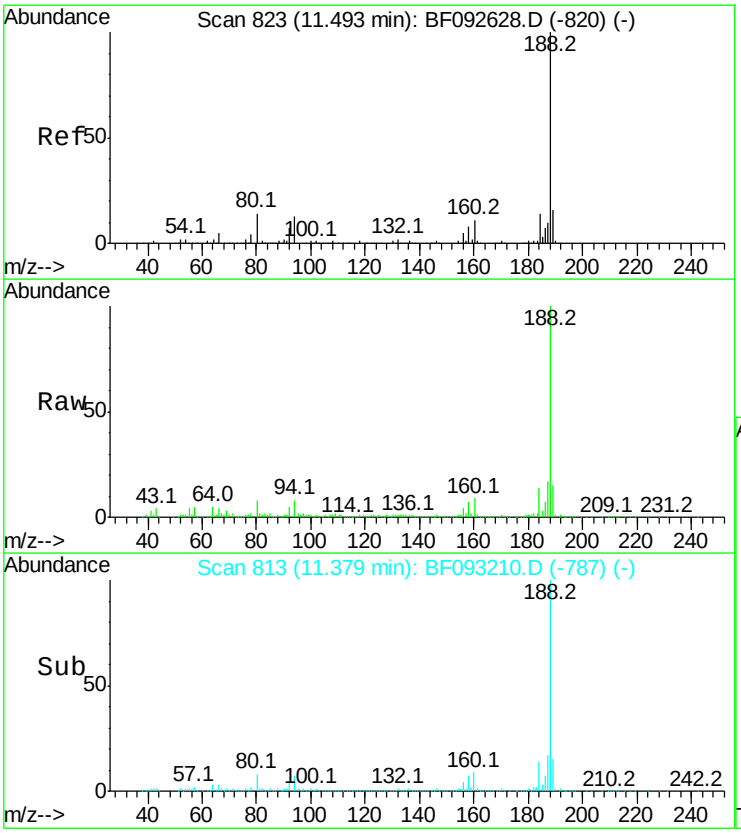
#56
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:165 Resp: 33817

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	2.2	62.5	93.7#
182	0.0	1.8	2.8#

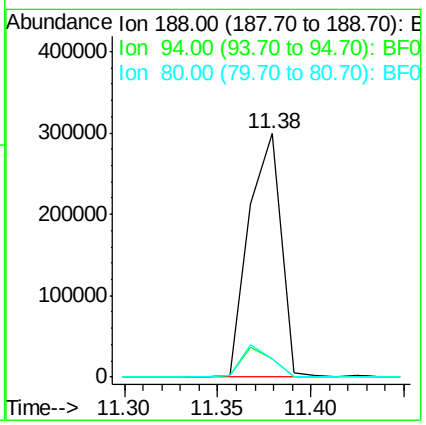


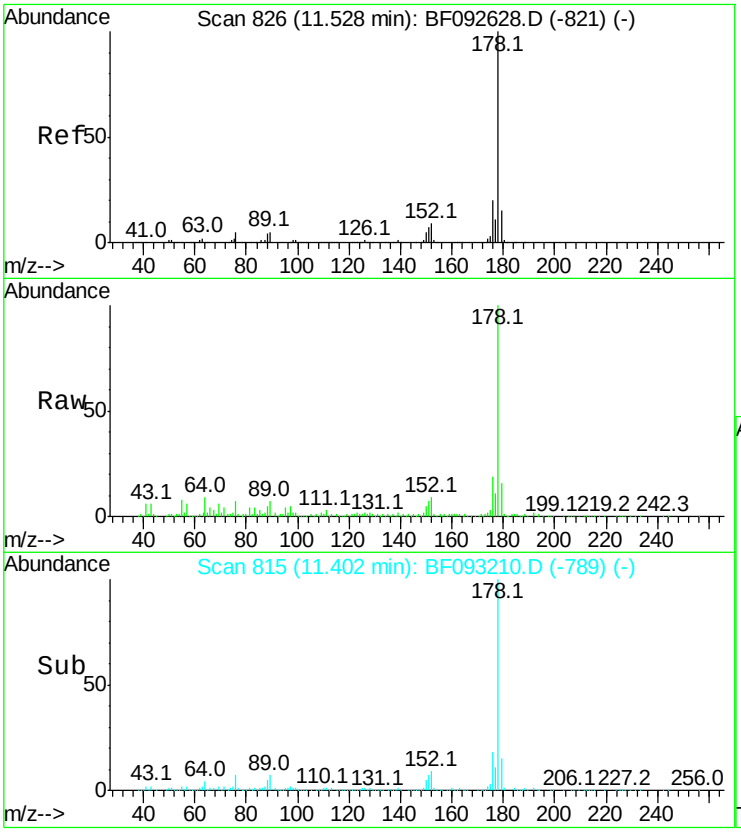


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:188 Resp: 358524

Ion	Ratio	Lower	Upper
188	100		
94	7.6	10.0	15.0#
80	7.7	11.2	16.8#



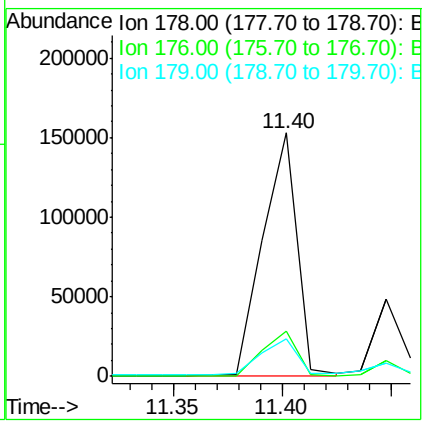


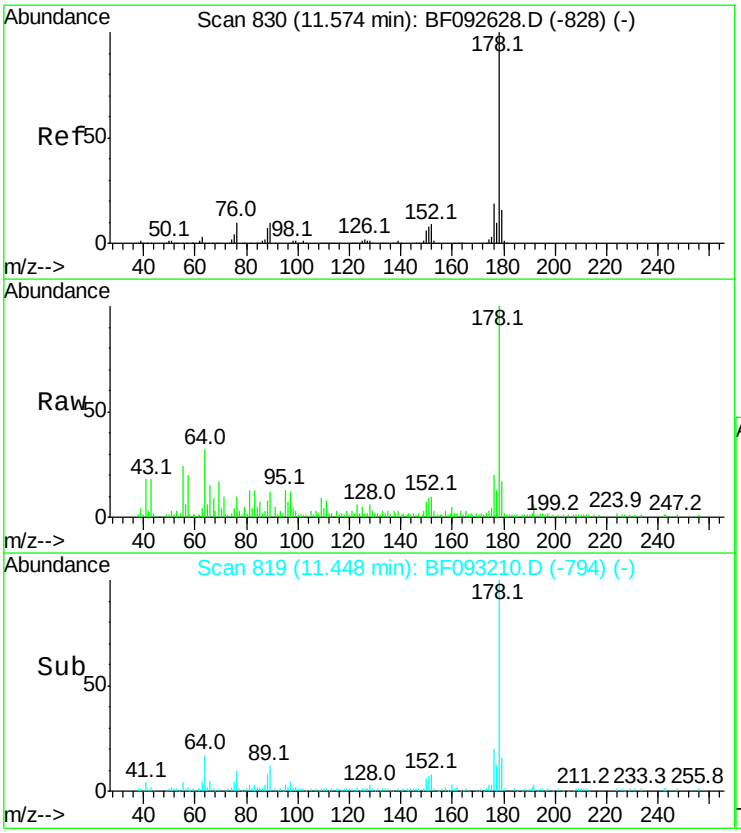
#70
Phenanthrene
Concen: 8.13 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:178 Resp: 167040

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.6	25.0
179	15.5	12.8	19.2

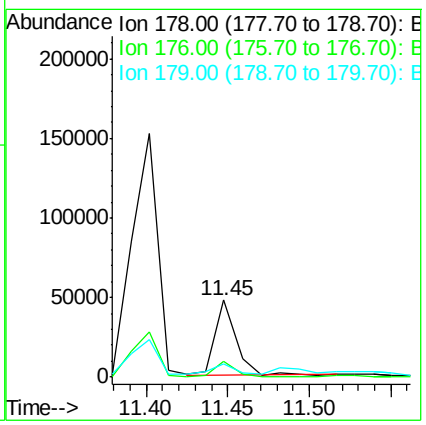


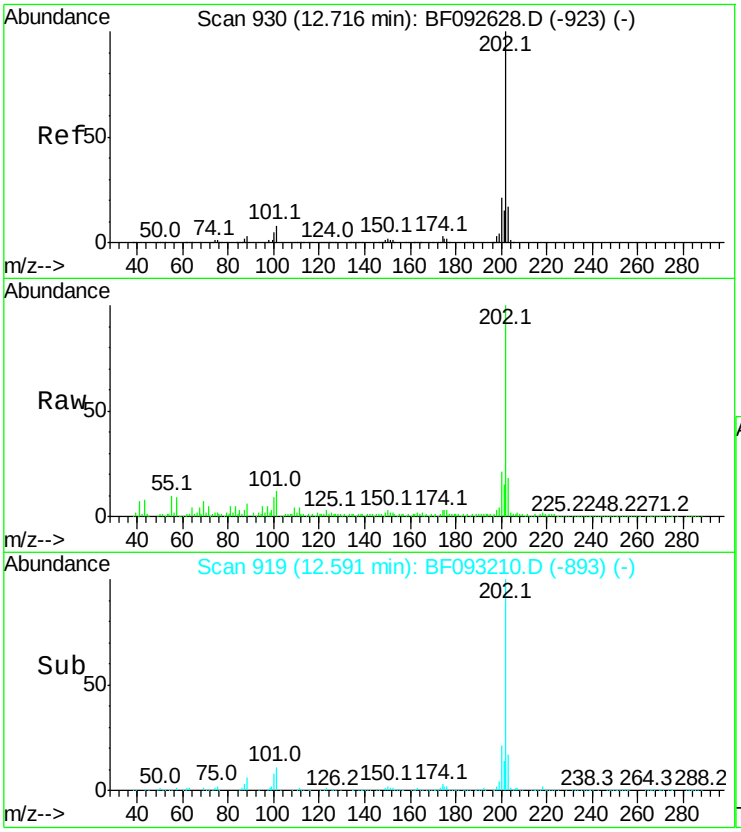


#71
Anthracene
Concen: 2.08 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:178 Resp: 42995

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	17.3	13.2	19.8



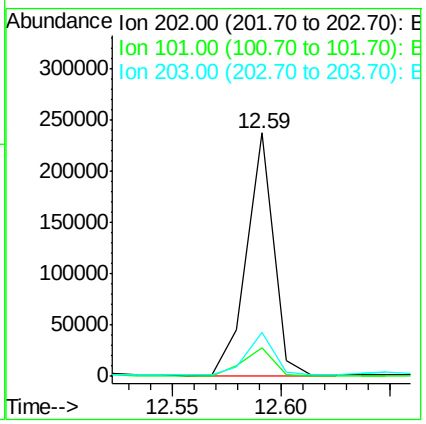


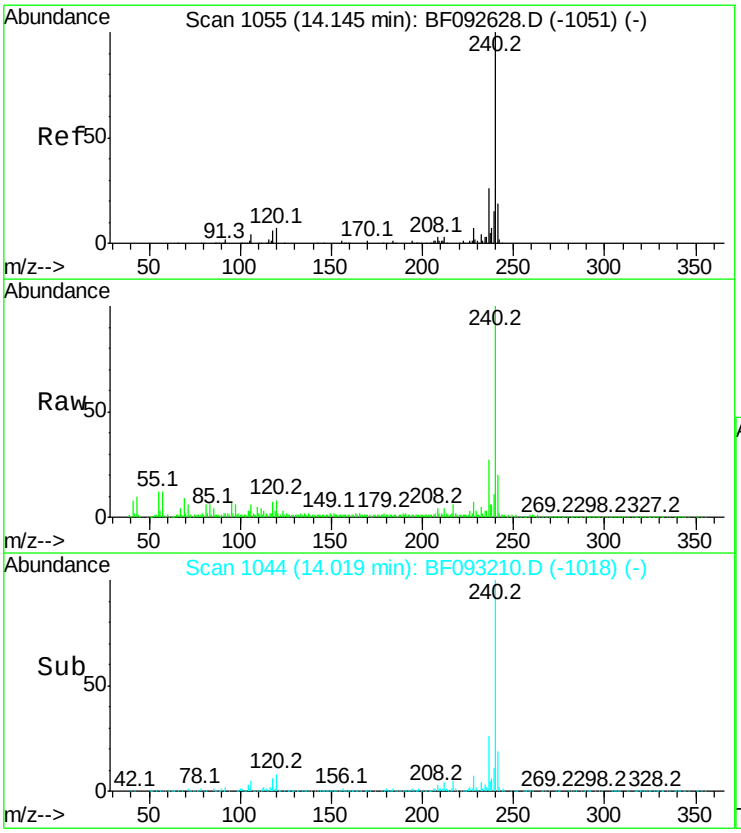
#74
Fluoranthene
Concen: 9.59 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:202 Resp: 203173

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.6
203	17.9	0.0	38.7

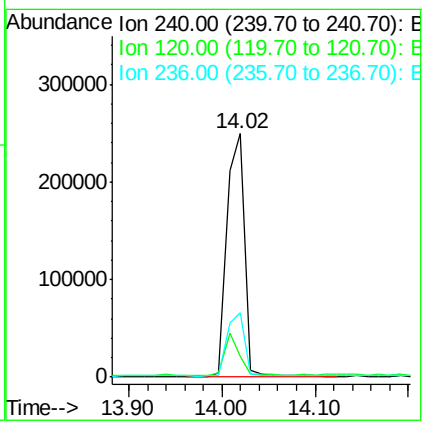


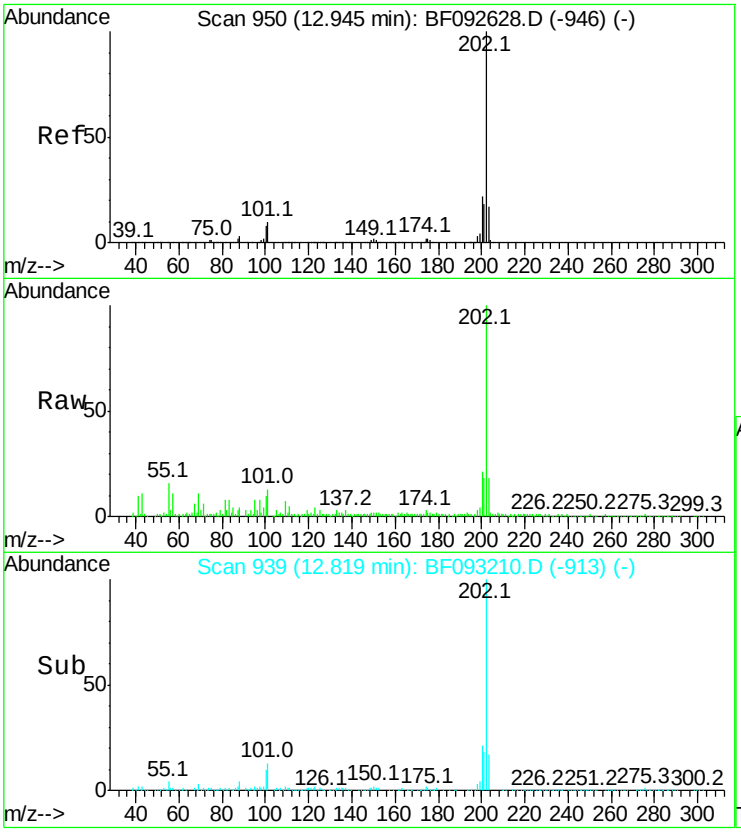


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:240 Resp: 326404

Ion	Ratio	Lower	Upper
240	100		
120	8.4	12.9	19.3#
236	26.5	20.9	31.3



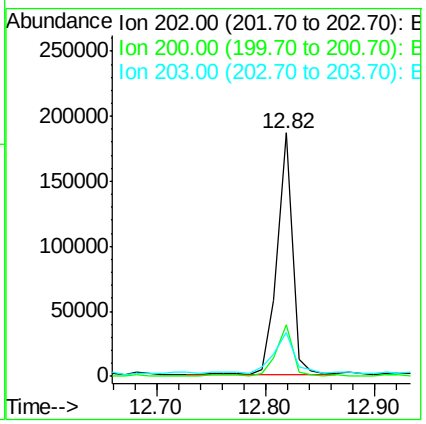


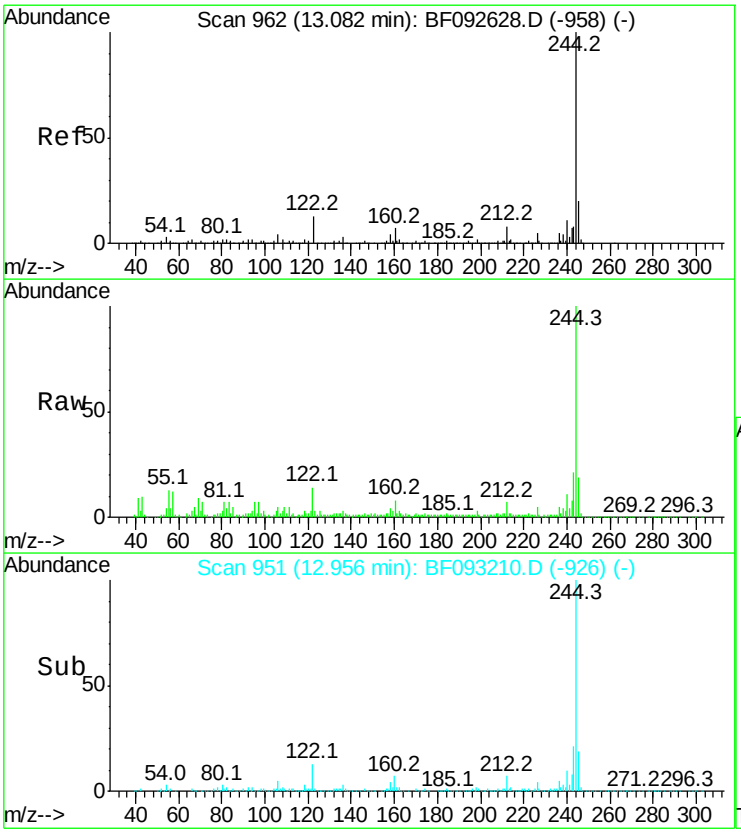
#77
Pyrene
Concen: 7.44 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:202 Resp: 181722

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.7	22.1

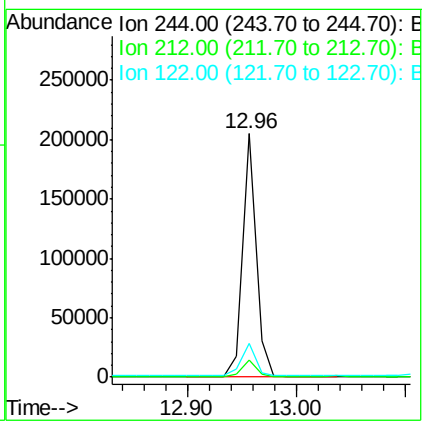


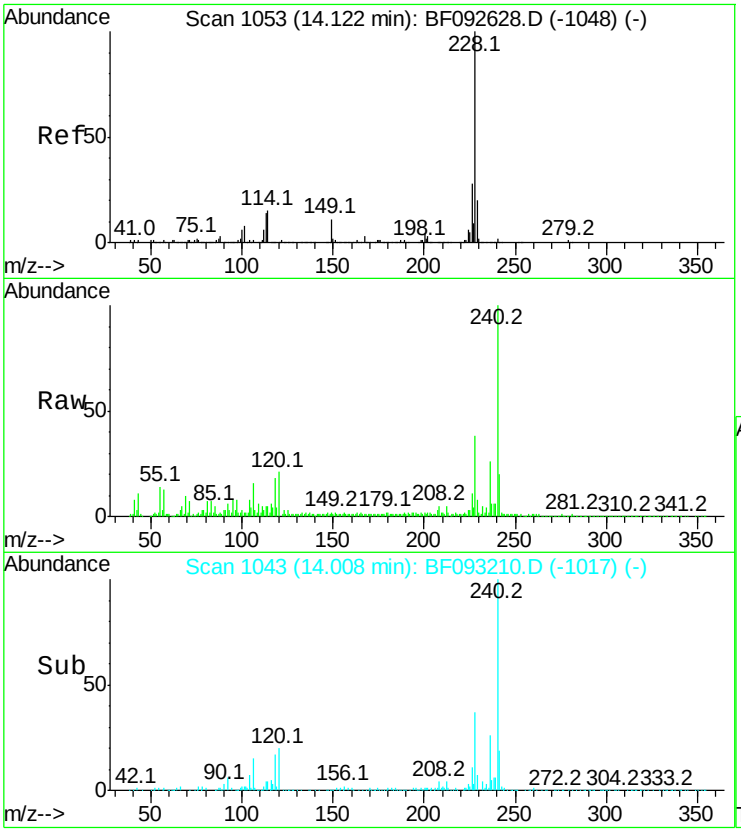


#78
Terphenyl-d14
Concen: 12.57 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:244 Resp: 174611

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	13.6	11.4	17.2



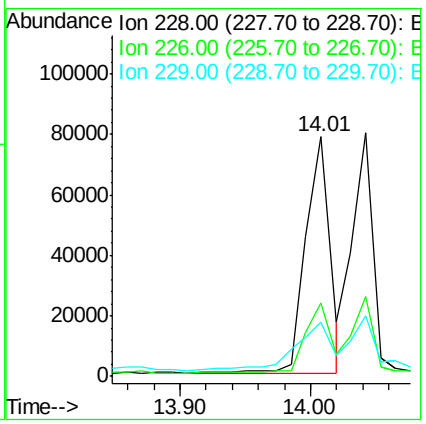


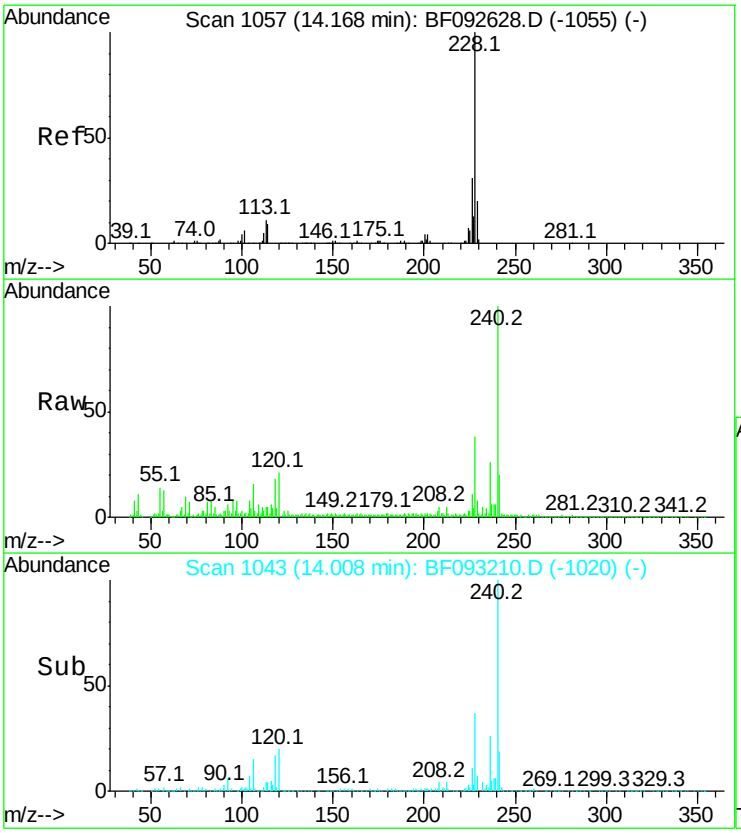
#80
Benzo(a)anthracene
Concen: 5.02 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:228 Resp: 100173

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.4	33.6
229	22.6	16.2	24.4

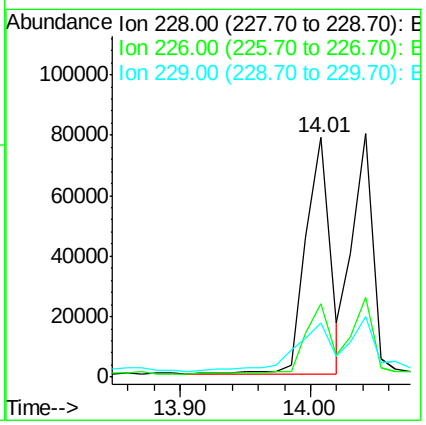


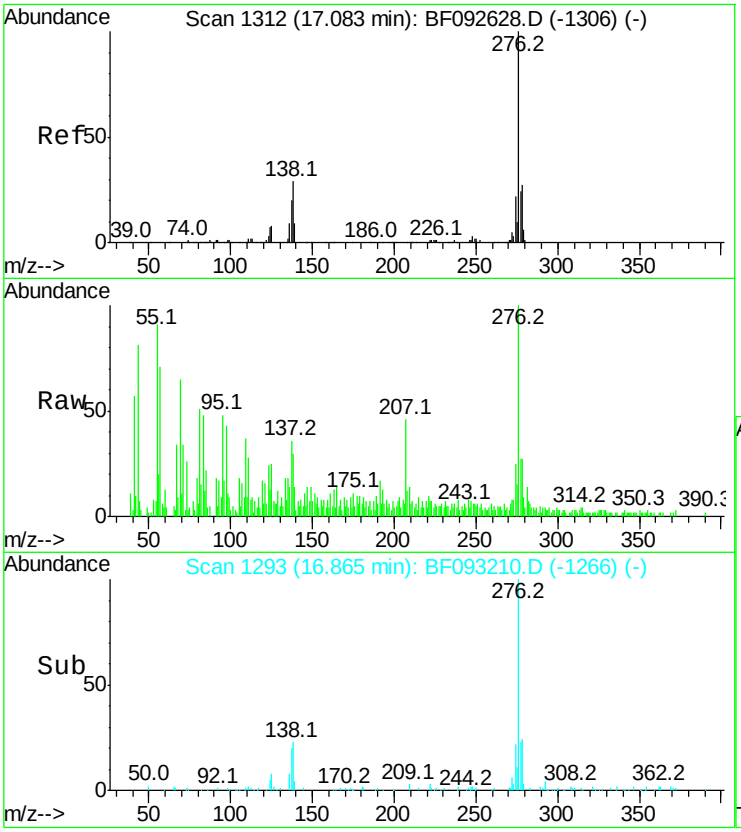


#82
Chrysene
Concen: 5.36 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:228 Resp: 100173

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	22.6	16.2	24.2



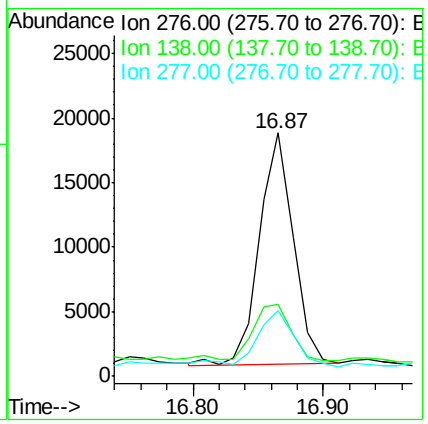


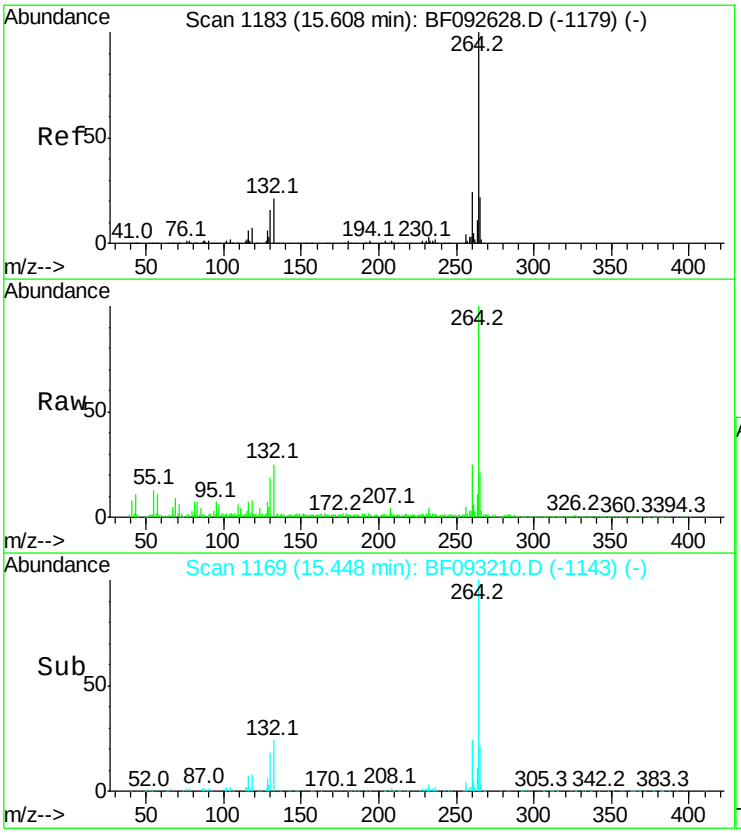
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:276 Resp: 32567

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.8	32.6
277	29.0	20.2	30.4

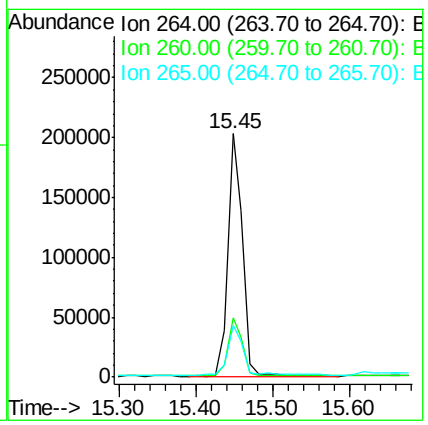


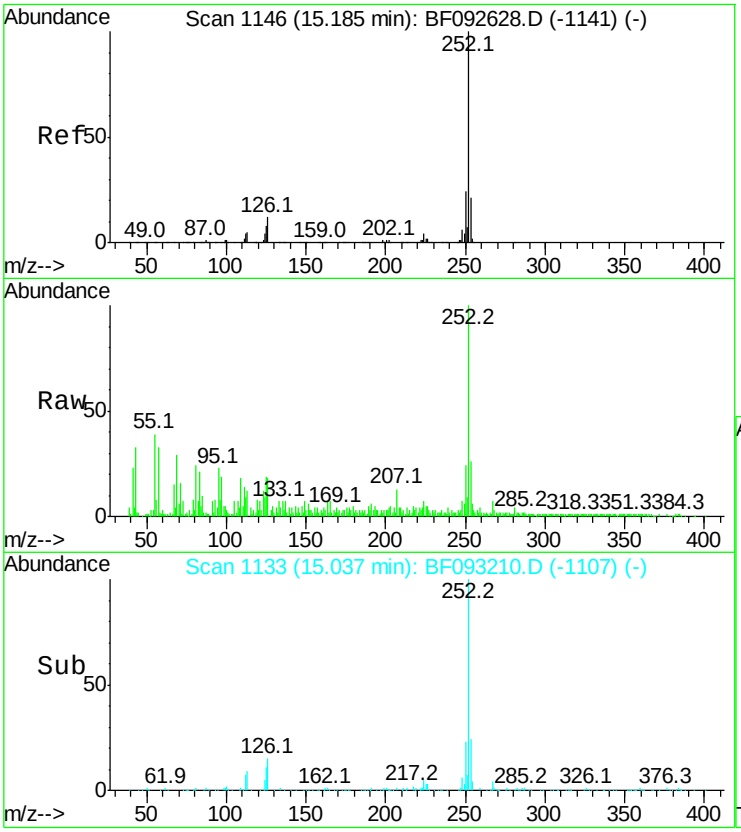


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:264 Resp: 272119

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.4	26.0



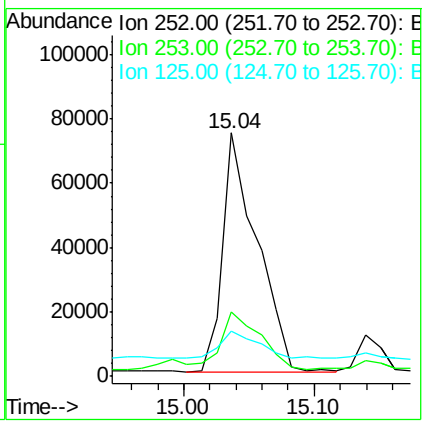


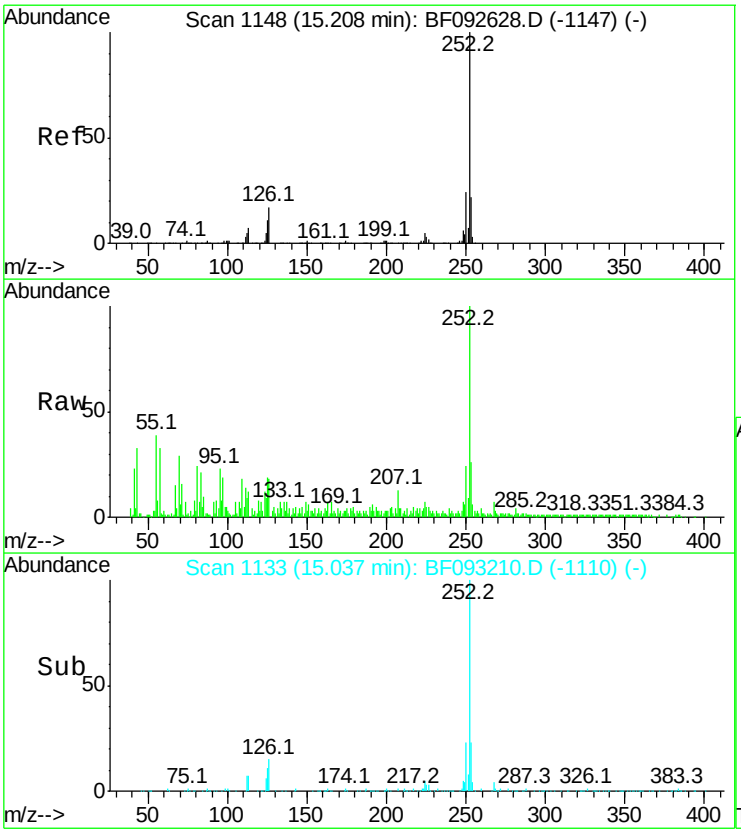
#87
Benzo(b)fluoranthene
Concen: 7.64 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:252 Resp: 136884

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.2	27.4
125	18.8	9.8	14.6#

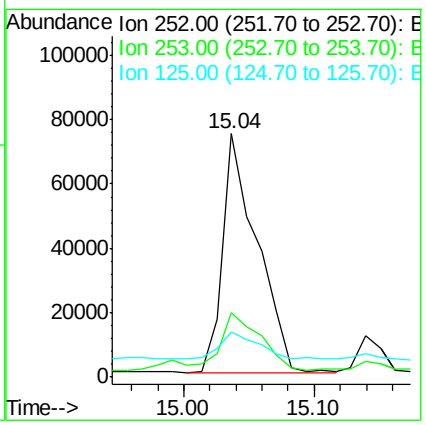


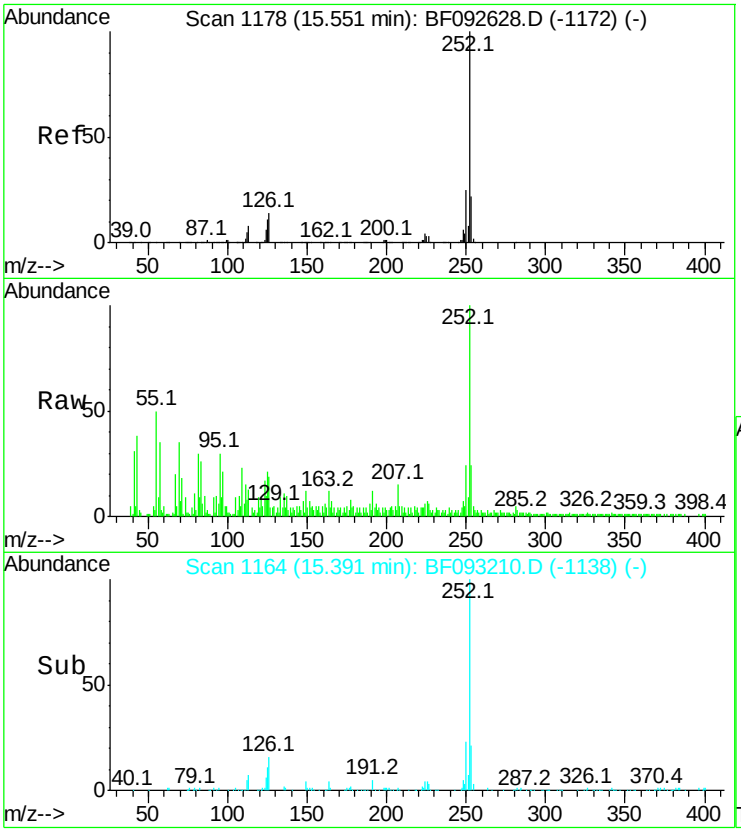


#88
Benzo(k)fluoranthene
Concen: 8.85 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:252 Resp: 136884

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.5	27.7
125	18.8	8.9	13.3#



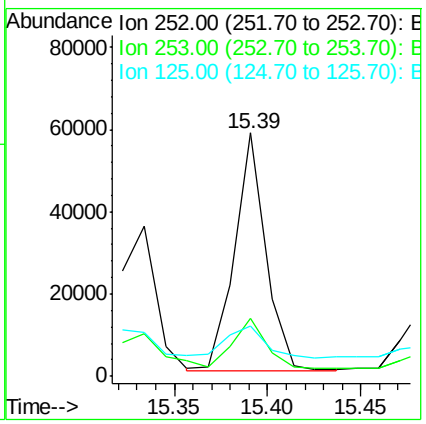


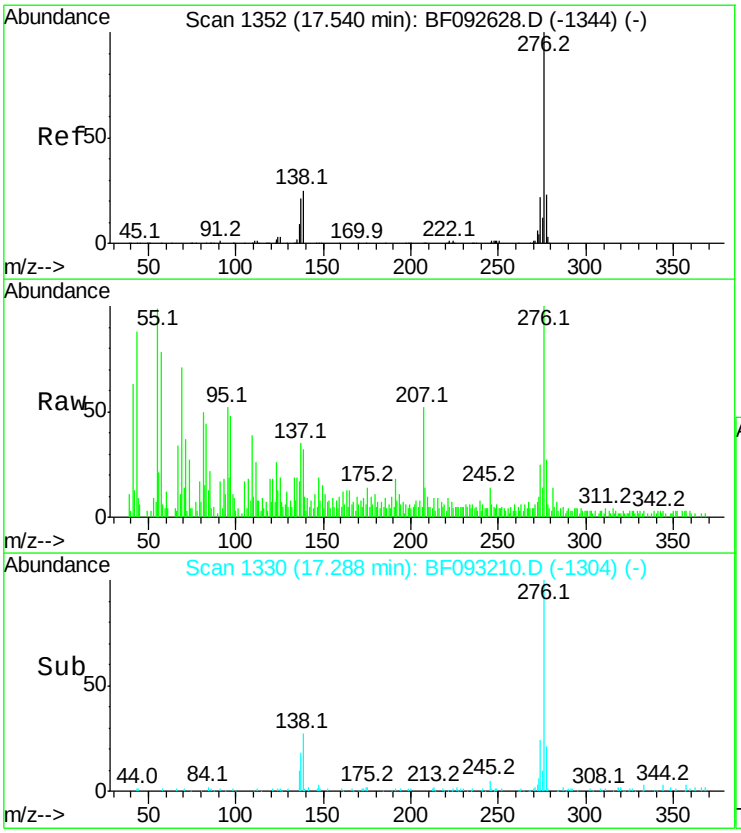
#89
Benzo(a)pyrene
Concen: 4.42 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Instrument :
BNA_F
ClientSampleId :
E2B15-BASE-2

Tgt Ion:252 Resp: 68555

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	20.9	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.72 ng
RT: 17.29 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF093210.D
Acq: 27 Feb 2017 15:47

Tgt Ion:276 Resp: 34447

Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.2	28.8
138	31.9	16.0	24.0#