Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088799.D
Acq On : 8 Jul 2016 1:03
Operator : UM/SJ
Sample : H3889-02 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Time: Jul 08 01:45:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	51754	20.00	ng		0.13
21) Naphthalene-d8	8.02	136	336004	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	150592	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	244989	20.00	ng		-0.03
75) Chrysene-d12	13.90	240	168511	20.00	ng		-0.02
86) Perylene-d12	15.29	264	169643	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	116774	33.82	ng		-0.05
7) Phenol-d6	6.38	99	154094	34.53	ng		-0.03
23) Nitrobenzene-d5	7.30	82	97641	15.23	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	25816	18.46	ng		-0.05
44) 2-Fluorobiphenyl	9.11	172	158983	16.68	ng		-0.03
78) Terphenyl-d14	12.85	244	100720	13.31	ng		-0.02
Target Compounds							Qvalue
15) Benzyl Alcohol	6.88	79	47865	14.58	ng		90
25) Isophorone	7.30	82	84609	7.12	ng	#	65
49) Dimethylphthalate	9.50	163	24975	2.33	ng		99
50) 2,6-Dinitrotoluene	9.78	165	19103	8.03	ng	#	40
51) Acenaphthene	9.80	154	19802	2.07	ng		98
56) 2,4-Dinitrotoluene	9.78	165	19103	6.14	ng	#	39
57) Fluorene	10.32	166	19812	2.06	ng		95
70) Phenanthrene	11.28	178	284159	21.22	ng		99
71) Anthracene	11.32	178	86162	6.47	ng		98
72) Carbazole	11.48	167	33546	2.68	ng		100
73) Di-n-butylphthalate	11.83	149	288237	19.77	ng		99
74) Fluoranthene	12.48	202	1204649	88.73	ng		93
77) Pyrene	12.48	202	1204649	84.31	ng		99
80) Benzo(a)anthracene	13.89	228	1073684	98.95	ng		96
82) Chrysene	13.93	228	817541	76.15	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	52748	7.25	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.62	276	383077	46.38	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	1442467	135.55	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	1440438	155.48	ng		98
89) Benzo(a)pyrene	15.25	252	737067	81.80	ng	#	93
90) Dibenzo(a,h)anthracene	16.63	278	156938	20.86	ng		92
91) Benzo(g,h,i)perylene	17.02	276	361091	46.38	ng		97

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

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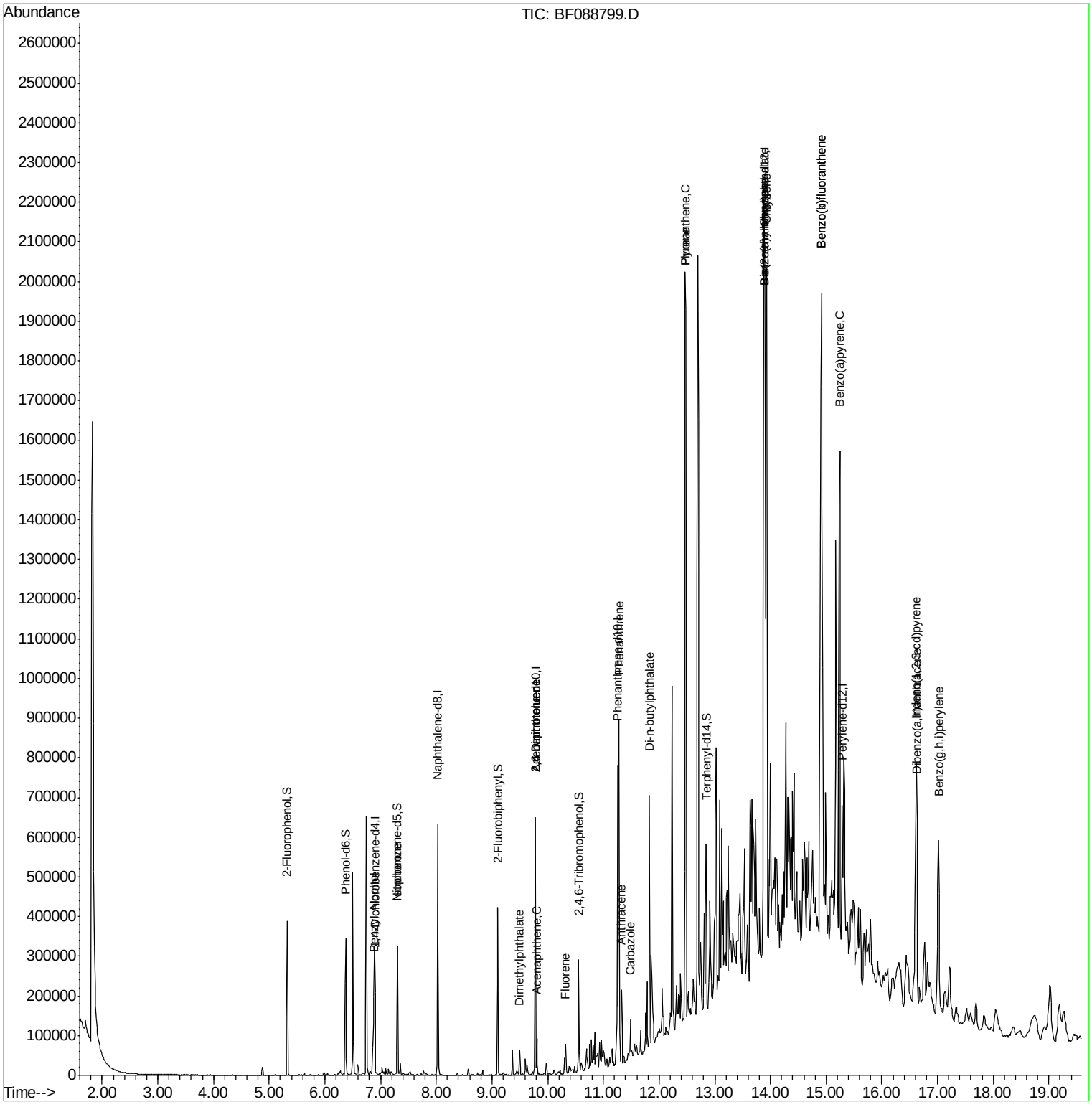
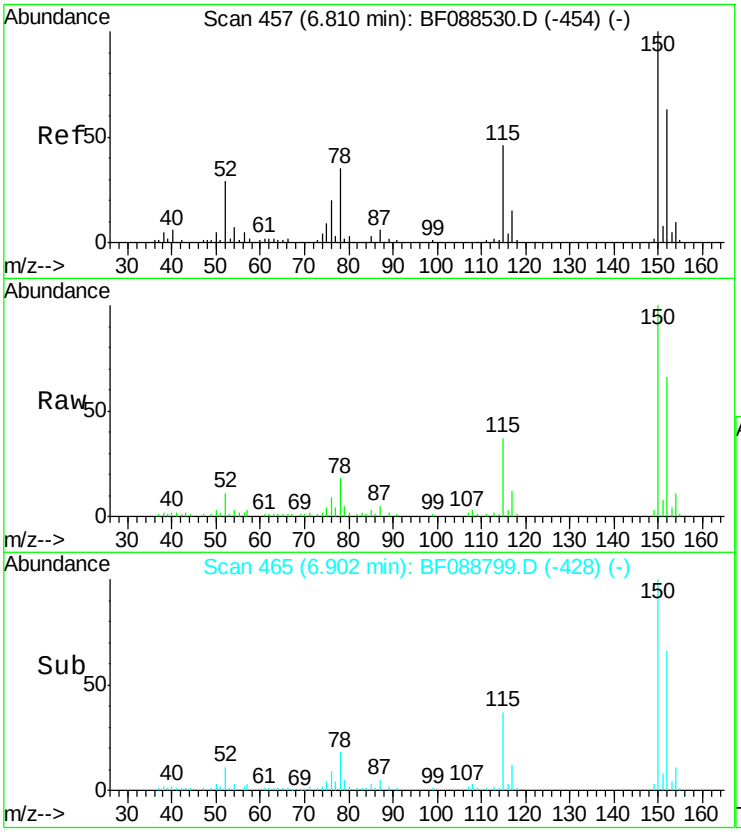


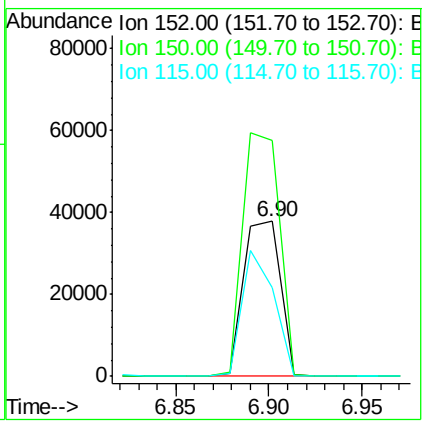


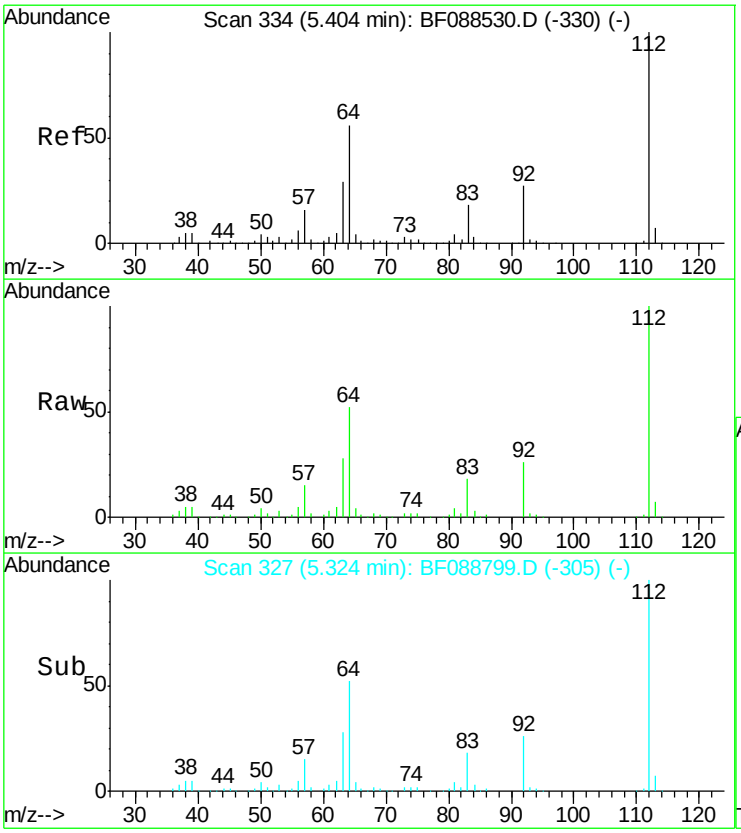
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:152 Resp: 51754

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.8	185.6
115	57.0	39.6	59.4

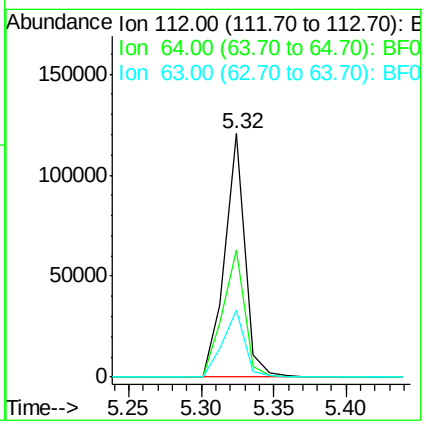


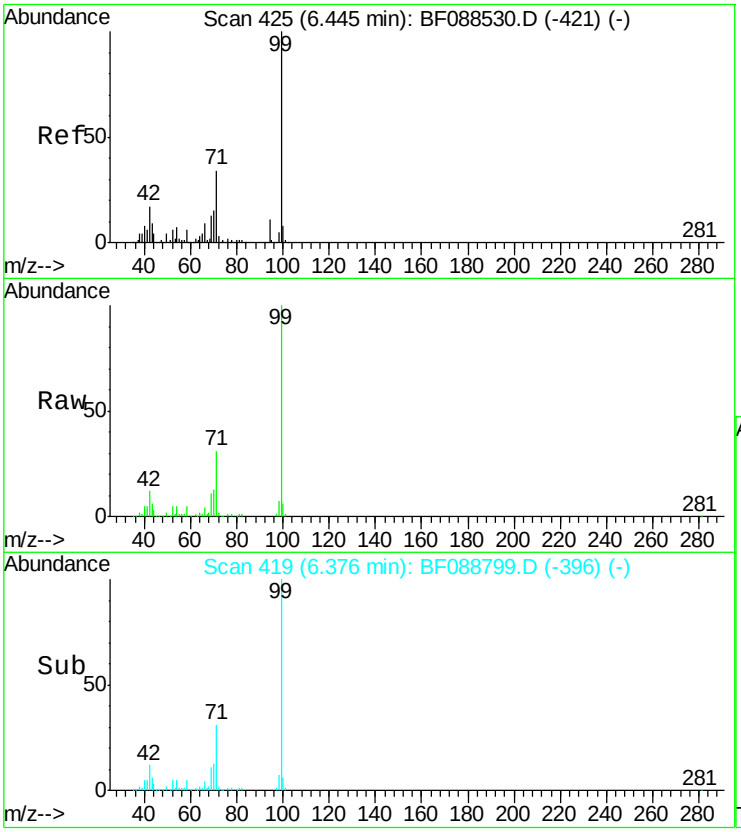


#5
2-Fluorophenol
Concen: 33.82 ng
RT: 5.32 min Scan# 327
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:112 Resp: 116774

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.2	63.2
63	27.6	21.8	32.8



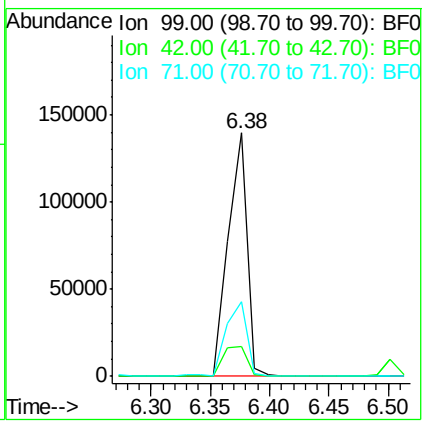


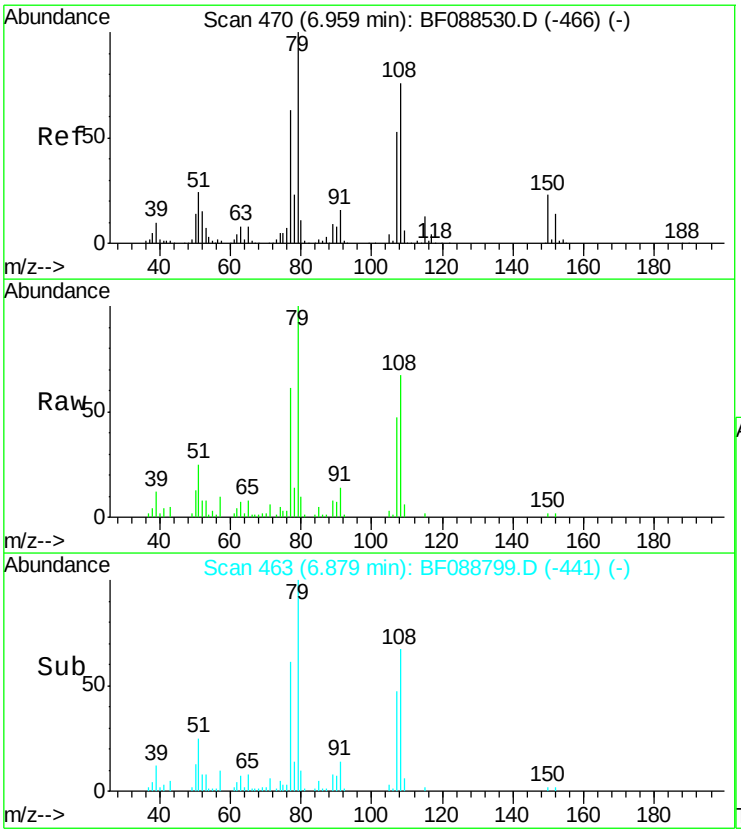
#7
Phenol-d6
Concen: 34.53 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 99 Resp: 154094

Ion	Ratio	Lower	Upper
99	100		
42	12.3	12.2	18.2
71	30.5	23.4	35.0

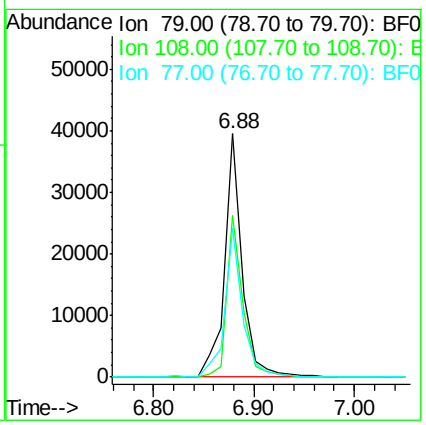


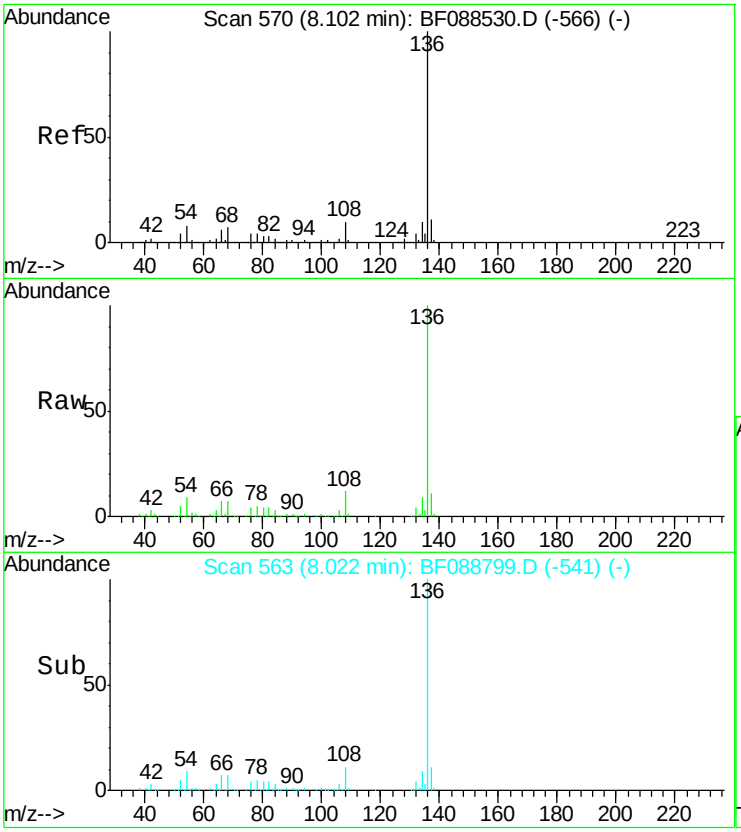


#15
Benzyl Alcohol
Concen: 14.58 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion: 79 Resp: 47865

Ion	Ratio	Lower	Upper
79	100		
108	66.6	65.0	97.6
77	61.1	50.3	75.5



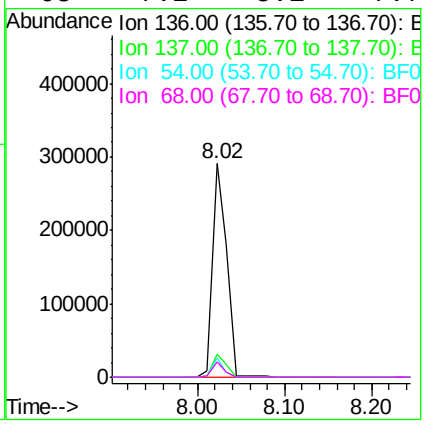


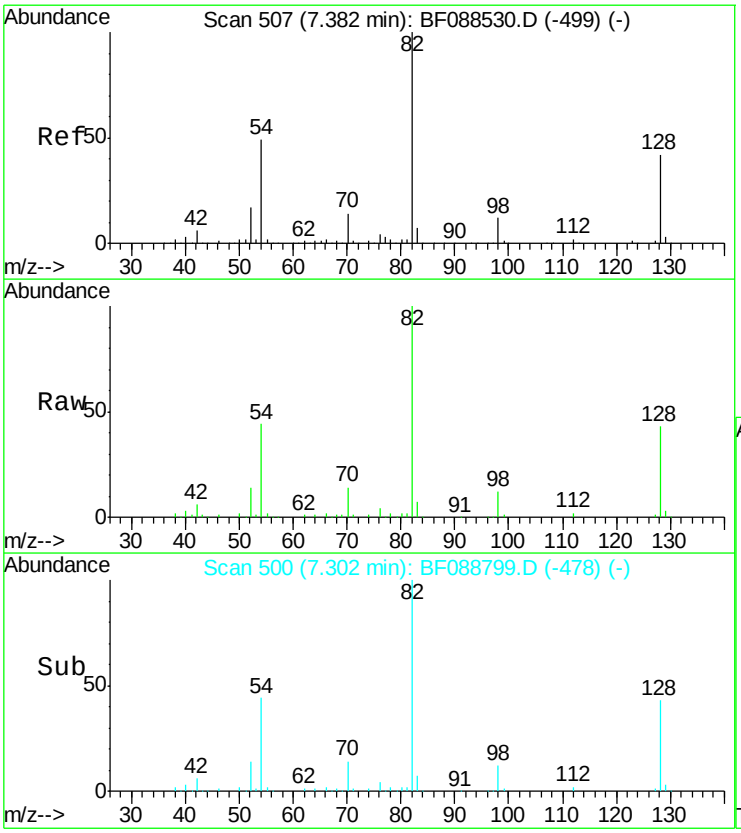
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:136 Resp: 336004

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.2	6.6	10.0
68	7.2	5.1	7.7

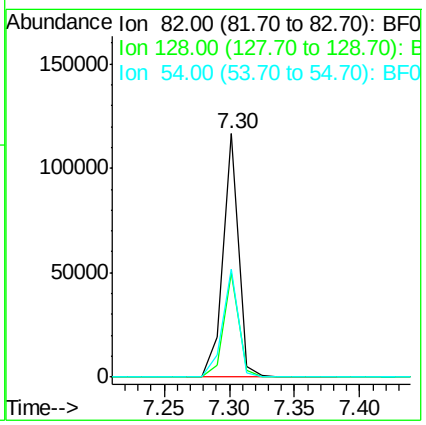


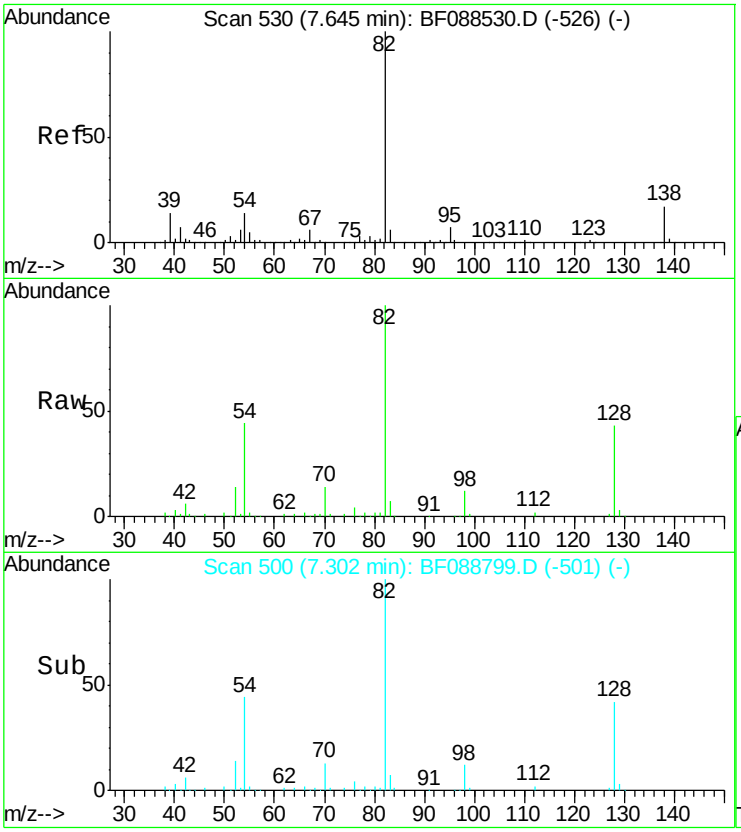


#23
Nitrobenzene-d5
Concen: 15.23 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion: 82 Resp: 97641

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.9	53.9
54	44.1	40.9	61.3



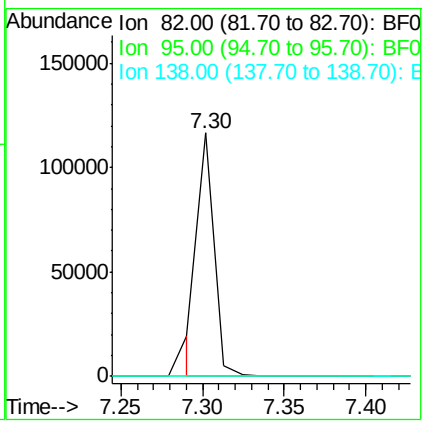


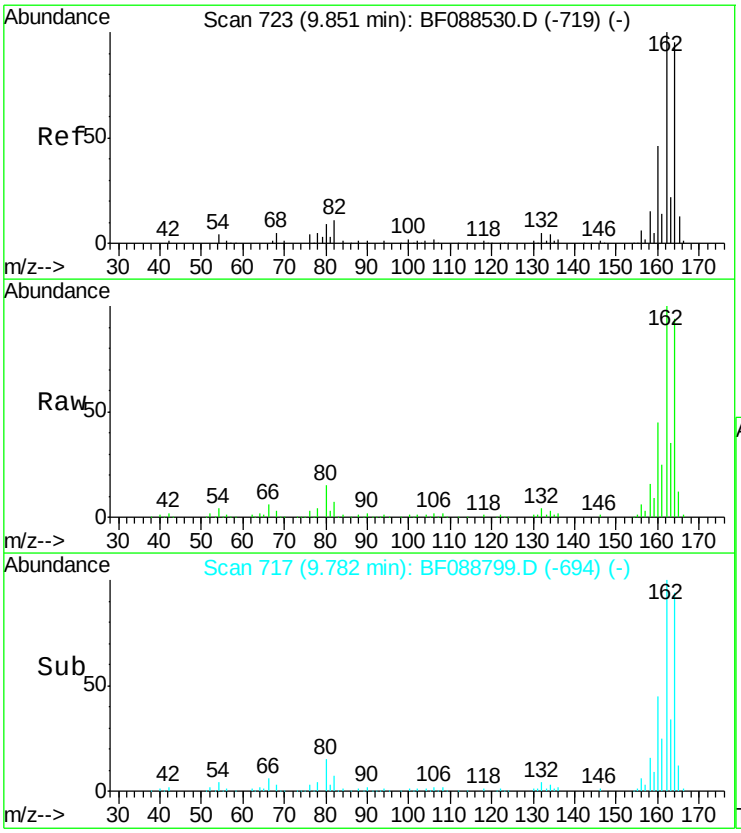
#25
Isophorone
Concen: 7.12 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.31 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 82 Resp: 84609

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

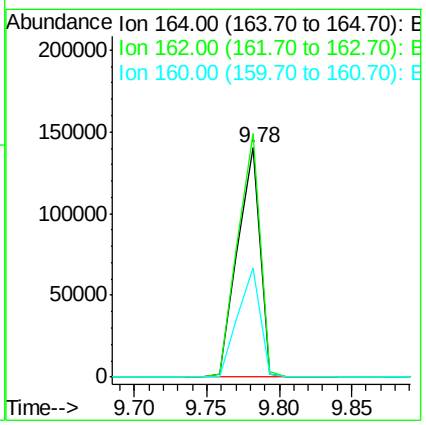


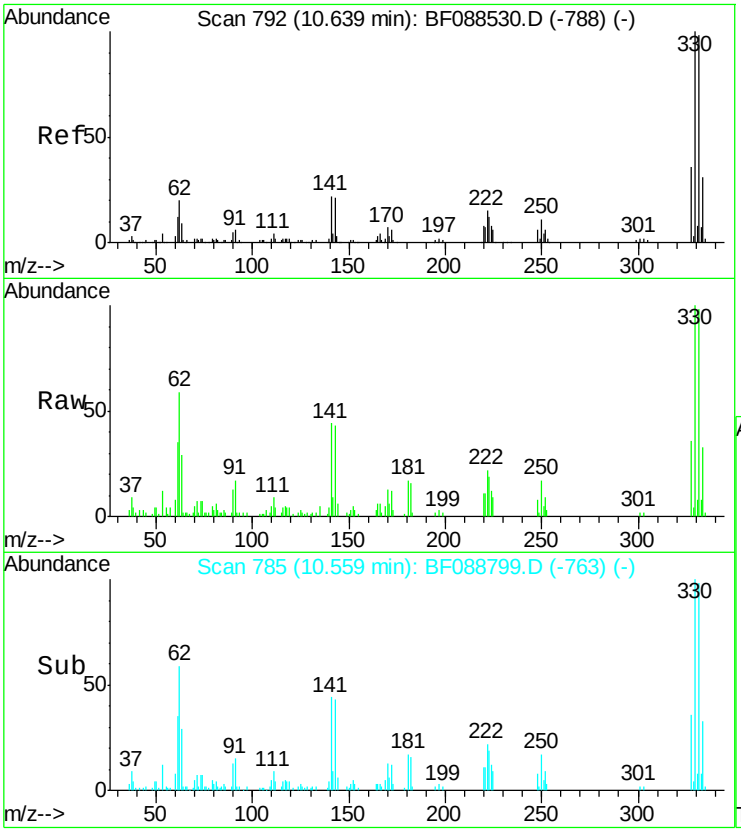


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:164 Resp: 150592

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	47.8	39.5	59.3



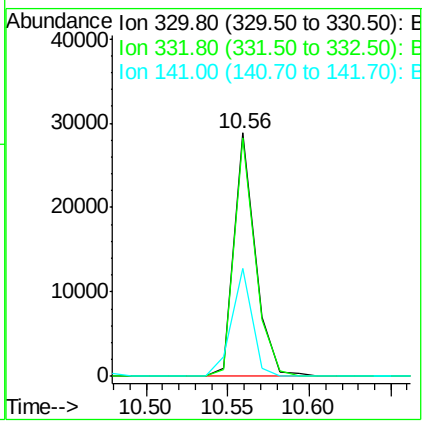


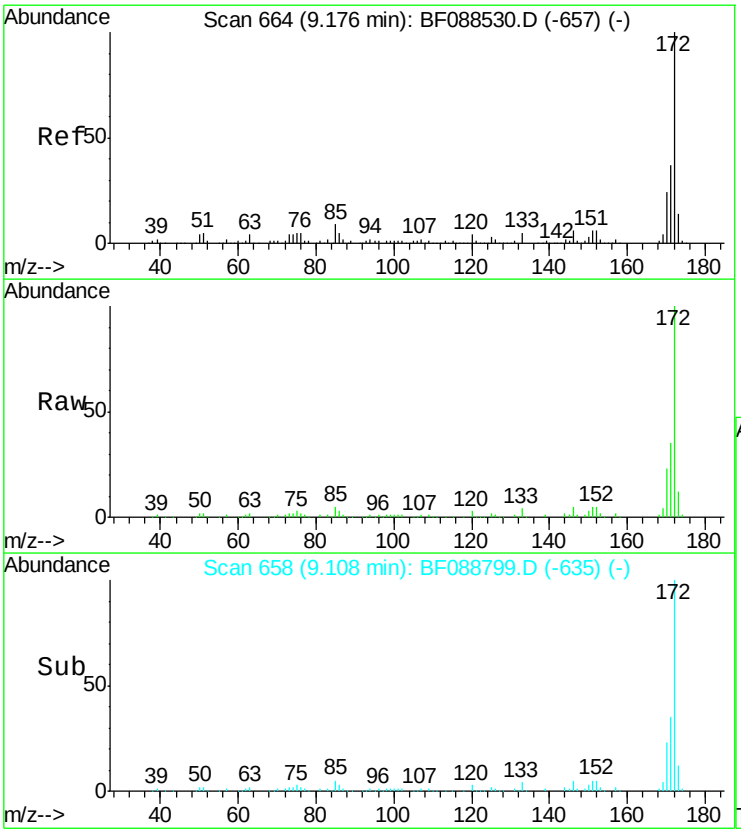
#41
2,4,6-Tribromophenol
Concen: 18.46 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:330 Resp: 25816

Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	42.4	0.0	0.0#

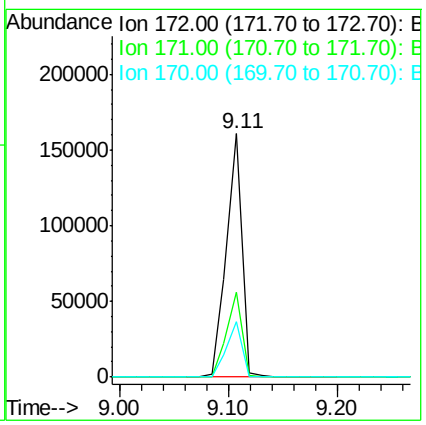


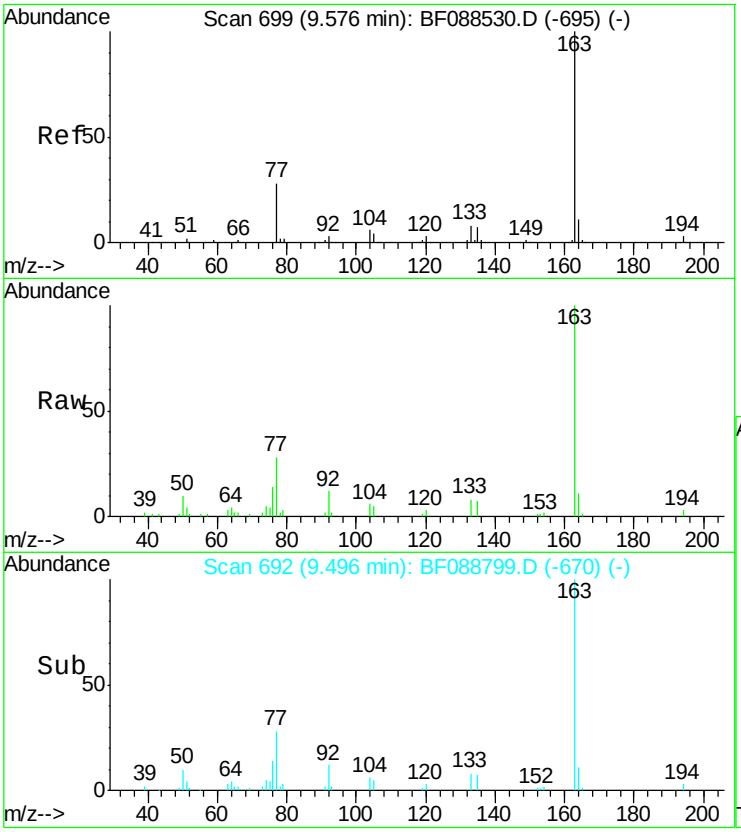


#44
2-Fluorobiphenyl
Concen: 16.68 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:172 Resp: 158983

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.9	19.2	28.8



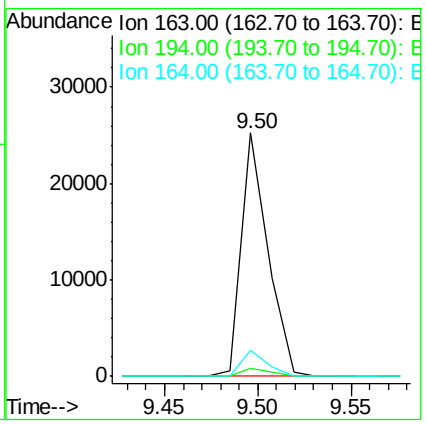


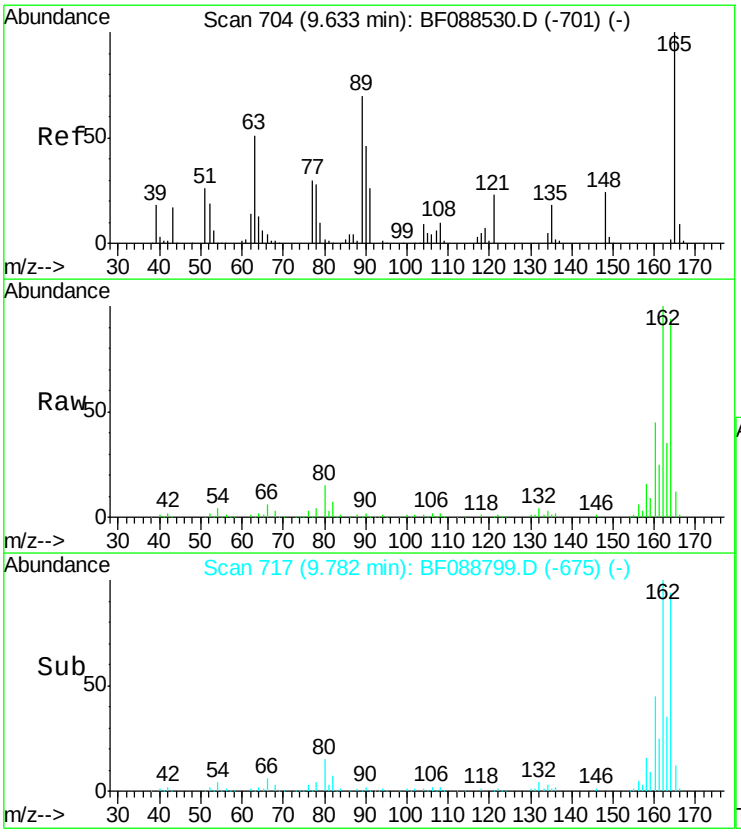
#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:163 Resp: 24975

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5

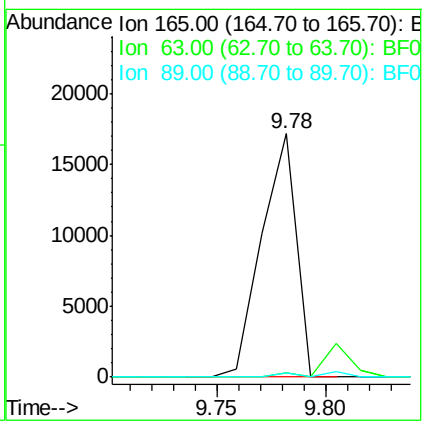


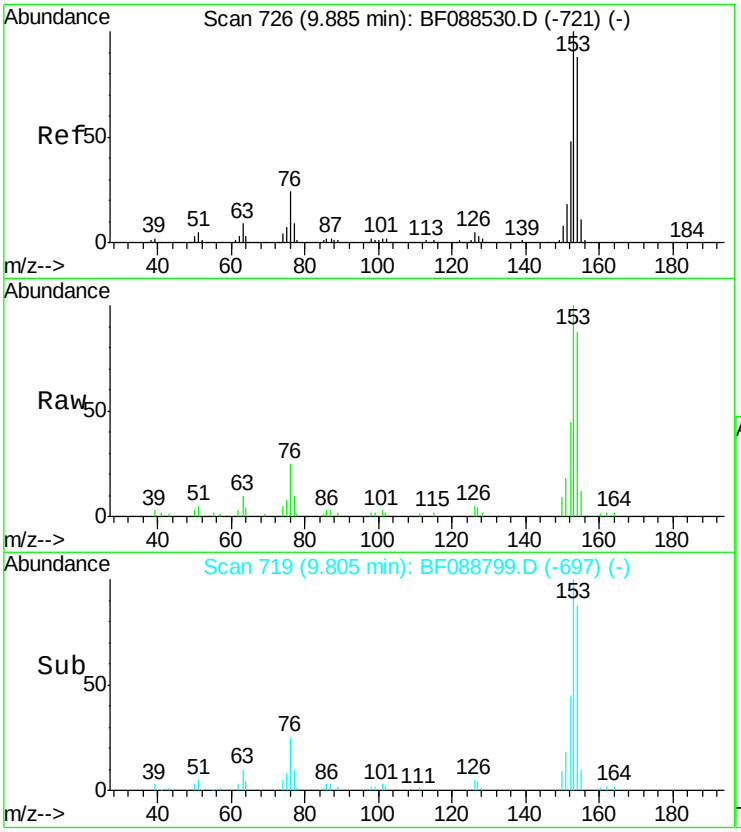


#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.18 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:165 Resp: 19103

Ion	Ratio	Lower	Upper
165	100		
63	1.9	28.1	42.1#
89	2.0	32.2	48.2#



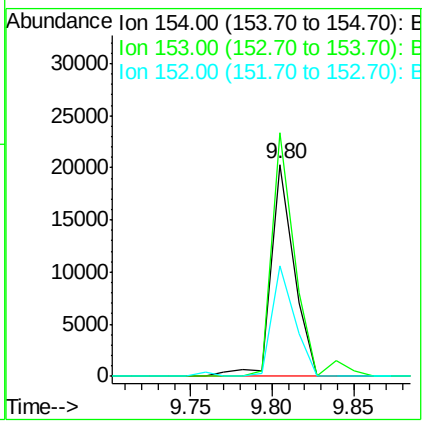


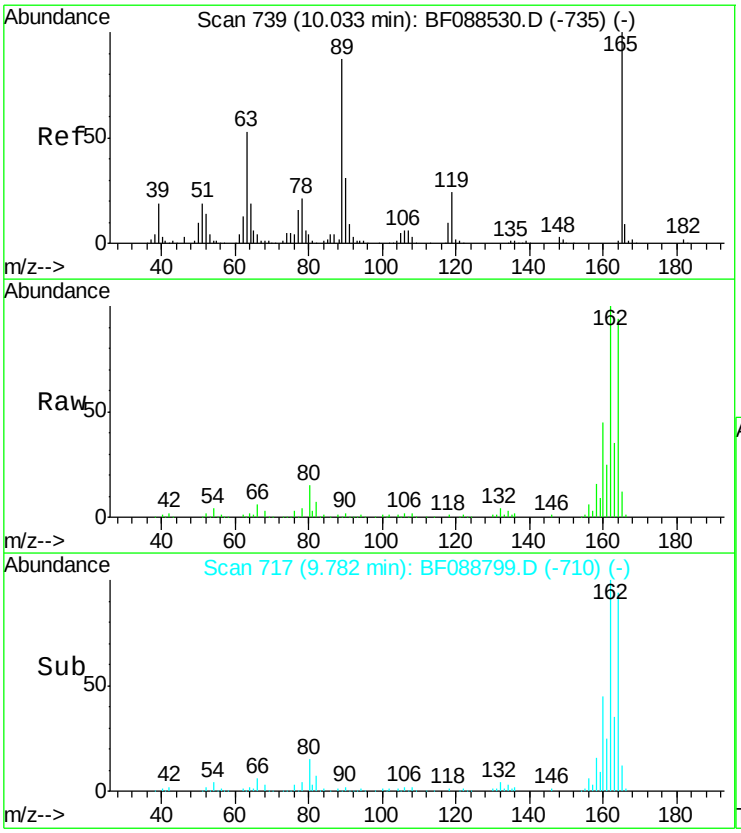
#51
Acenaphthene
Concen: 2.07 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:154 Resp: 19802

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.5	134.3
152	52.1	42.7	64.1

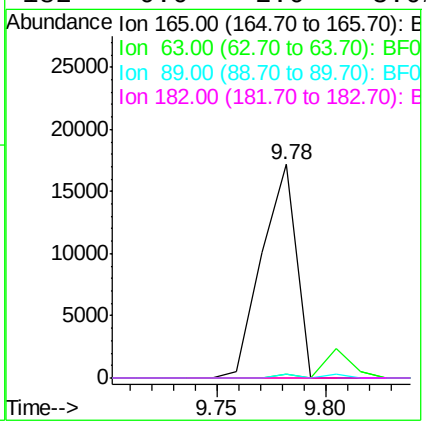


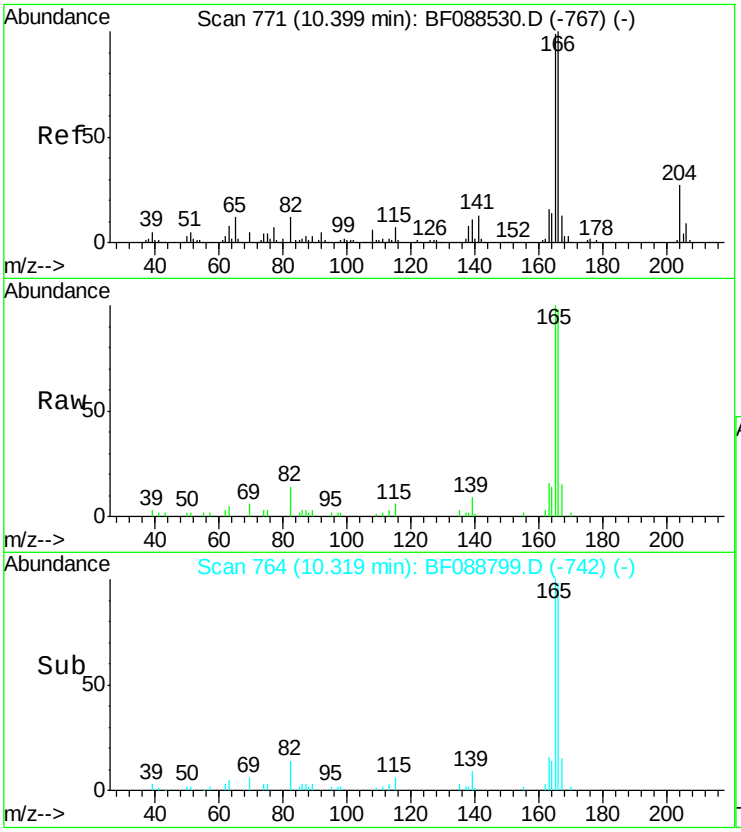


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:165 Resp: 19103

Ion	Ratio	Lower	Upper
165	100		
63	1.9	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



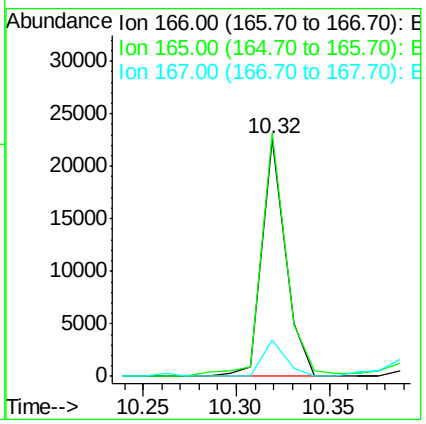


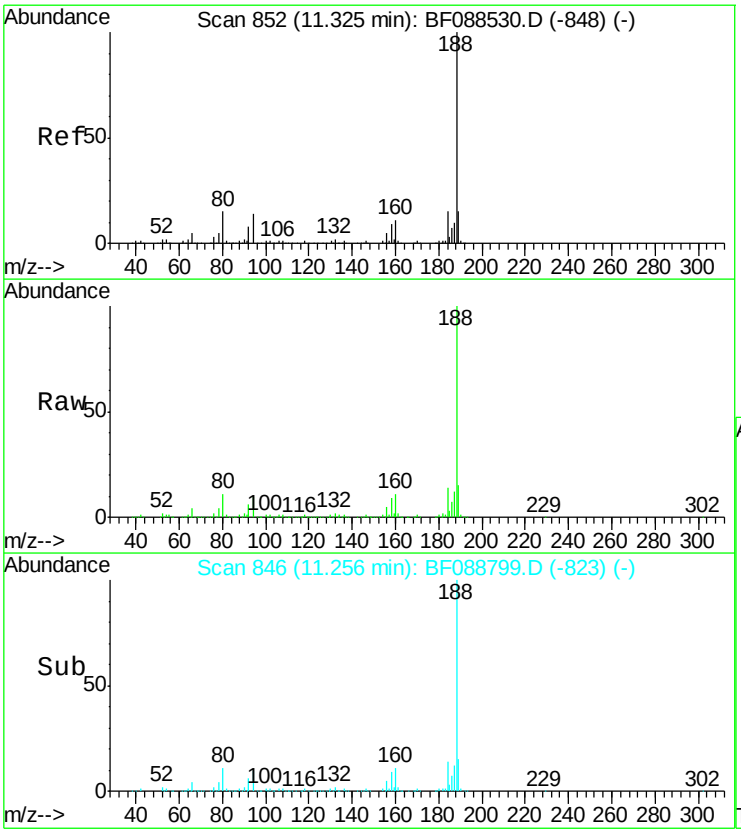
#57
Fluorene
Concen: 2.06 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:166 Resp: 19812

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.8	116.8
167	15.1	11.2	16.8

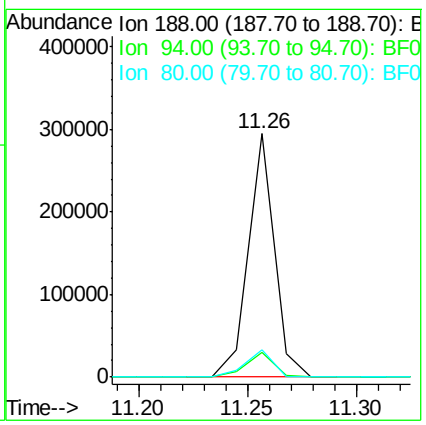


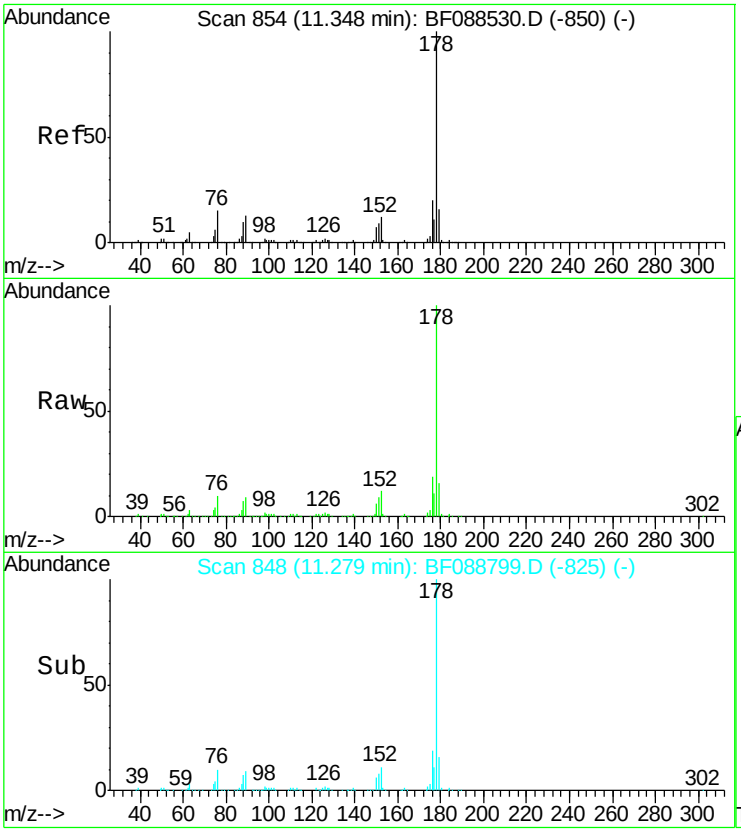


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:188 Resp: 244989

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	11.4	10.0	15.0



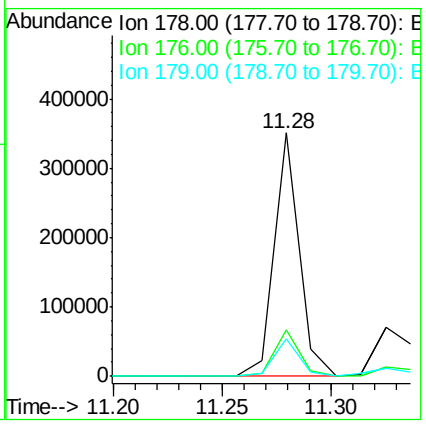


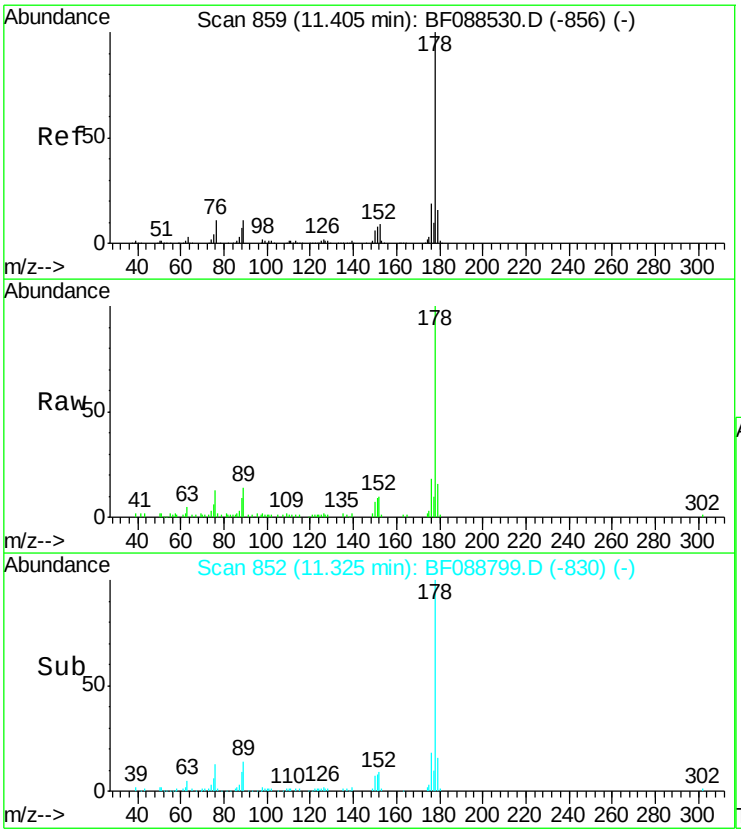
#70
Phenanthrene
Concen: 21.22 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:178 Resp: 284159

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.6	13.0	19.4

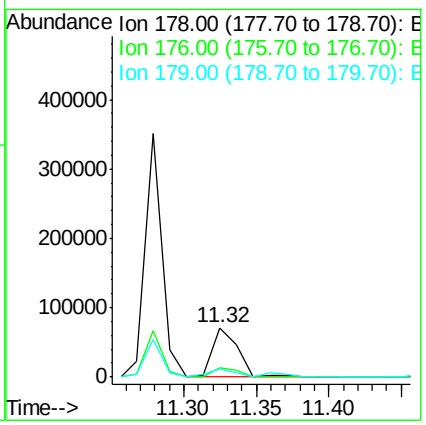


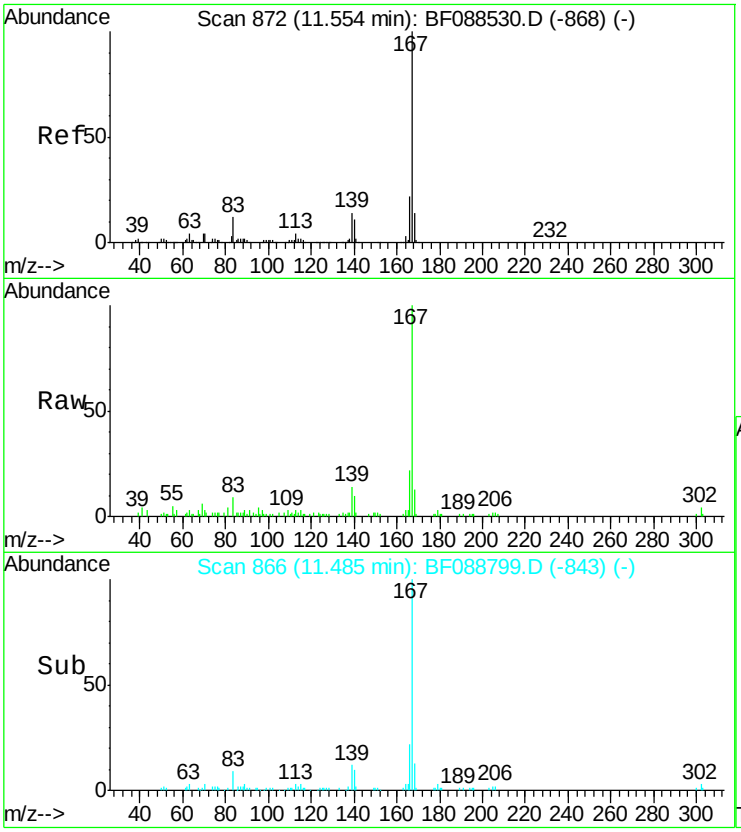


#71
Anthracene
Concen: 6.47 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:178 Resp: 86162

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.3	12.8	19.2



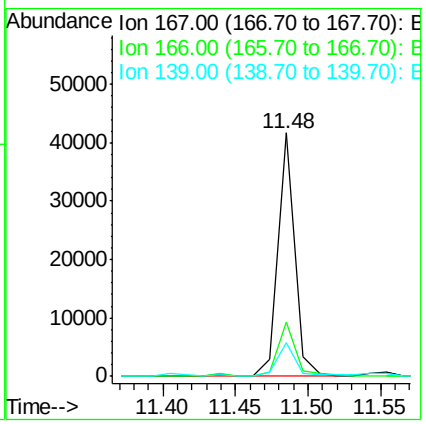


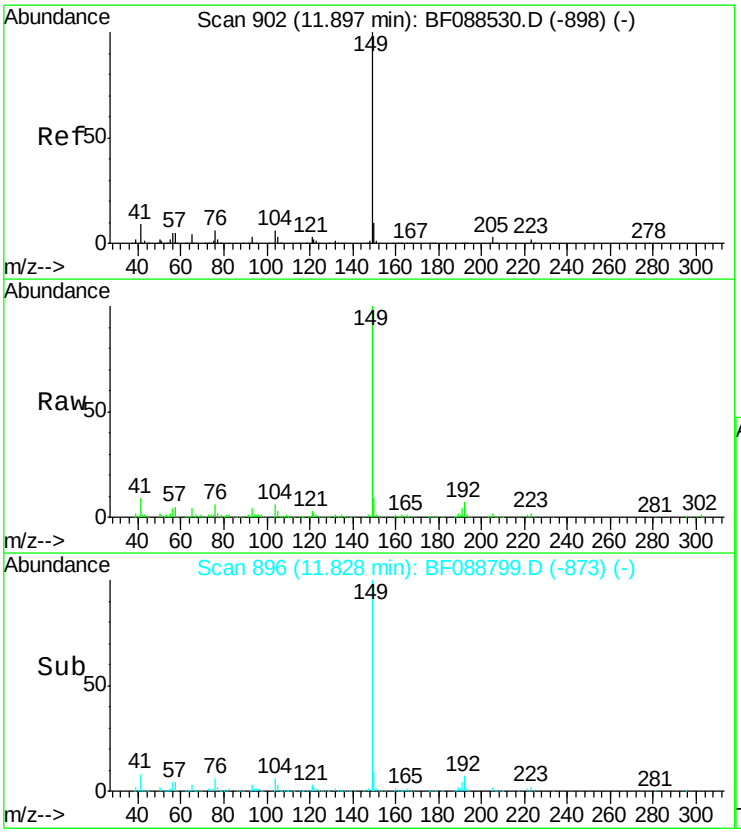
#72
Carbazole
Concen: 2.68 ng
RT: 11.48 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:167 Resp: 33546

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.0	11.2	16.8

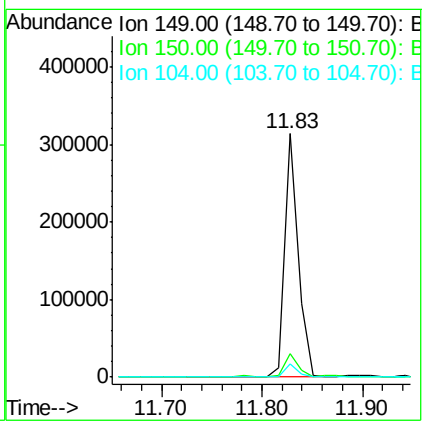


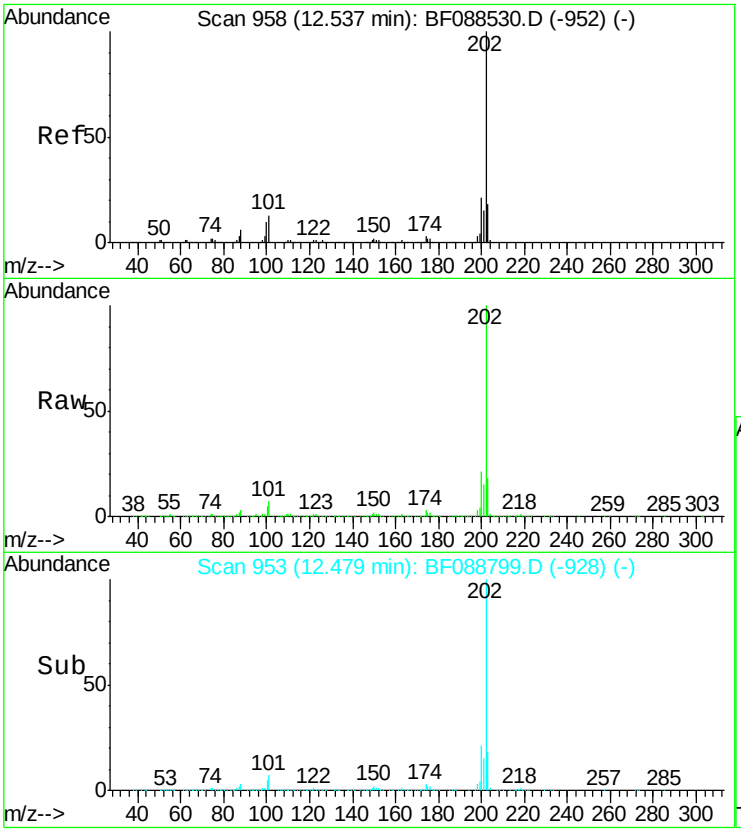


#73
Di-n-butylphthalate
Concen: 19.77 ng
RT: 11.83 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:149 Resp: 288237

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.5	4.0	6.0



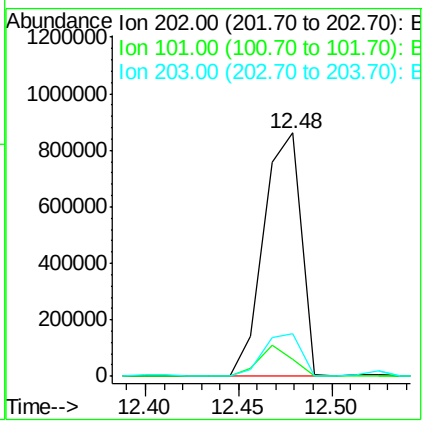


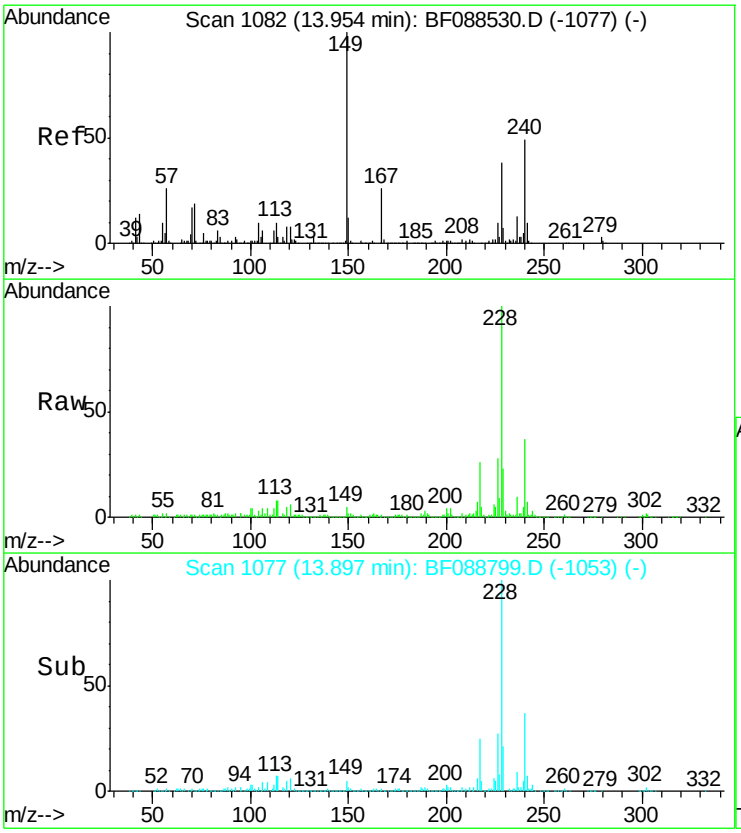
#74
Fluoranthene
Concen: 88.73 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 1204649

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	33.1
203	17.7	0.0	38.1

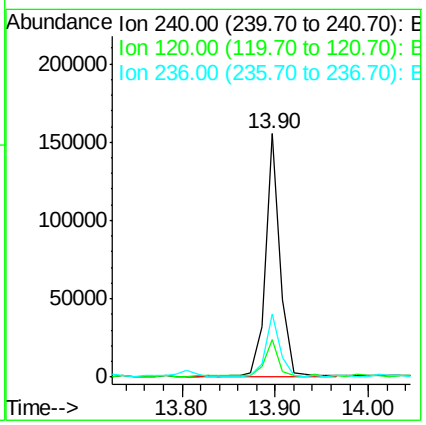


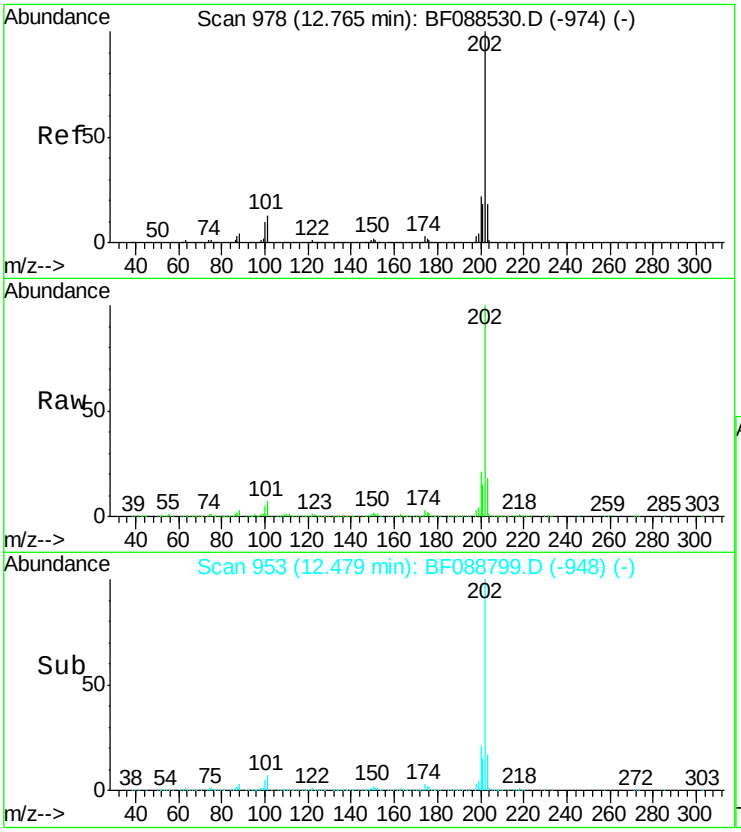


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:240 Resp: 168511

Ion	Ratio	Lower	Upper
240	100		
120	15.2	6.8	10.2#
236	26.1	20.2	30.2



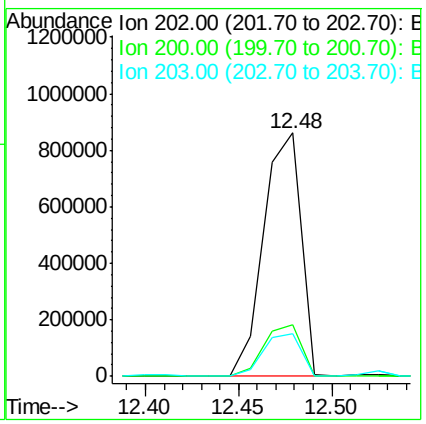


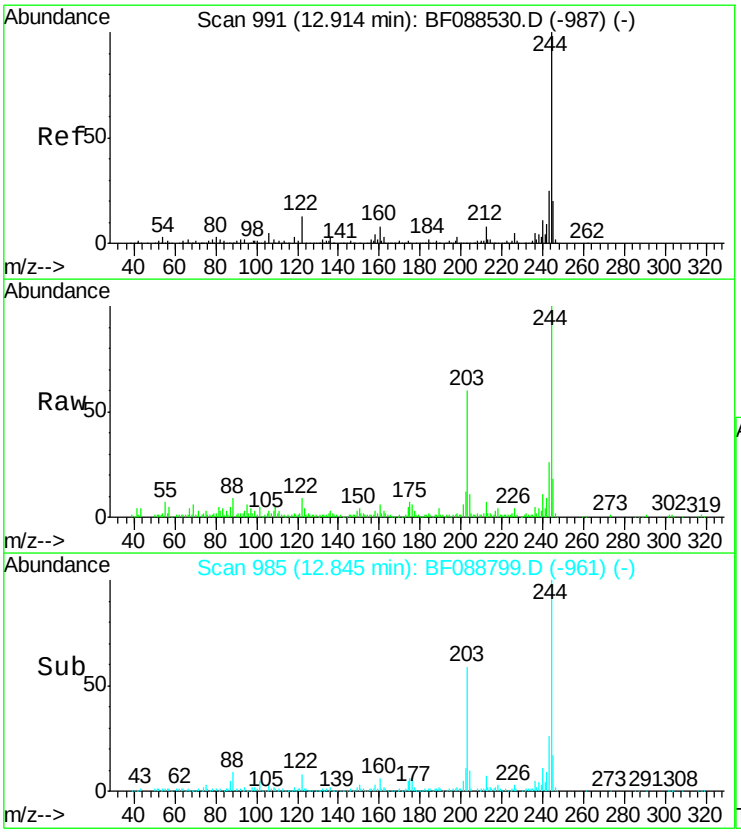
#77
Pyrene
Concen: 84.31 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.24 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 1204649

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.5	21.7

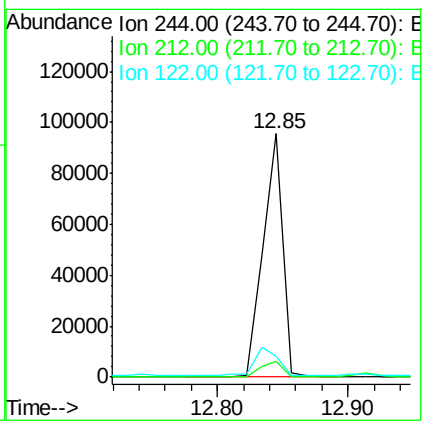


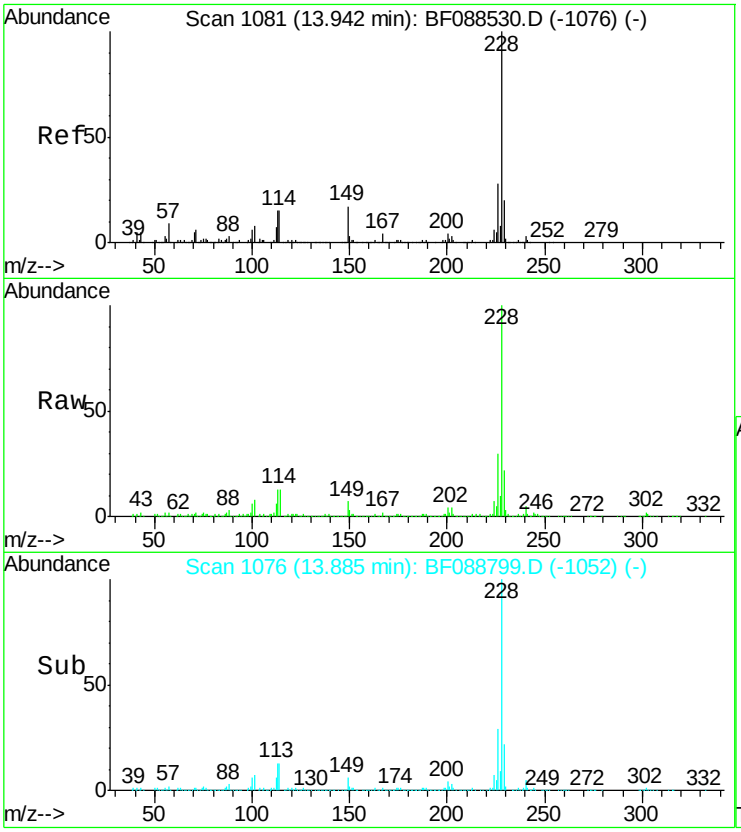


#78
Terphenyl-d14
Concen: 13.31 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:244 Resp: 100720

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	8.8	11.2	16.8#



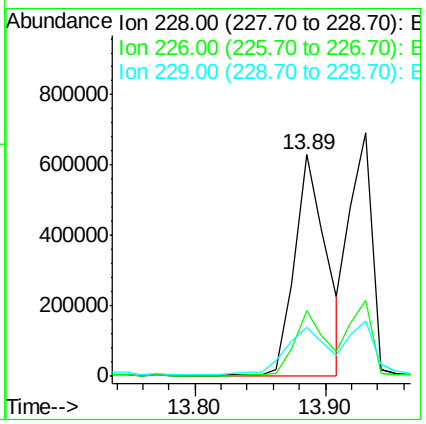


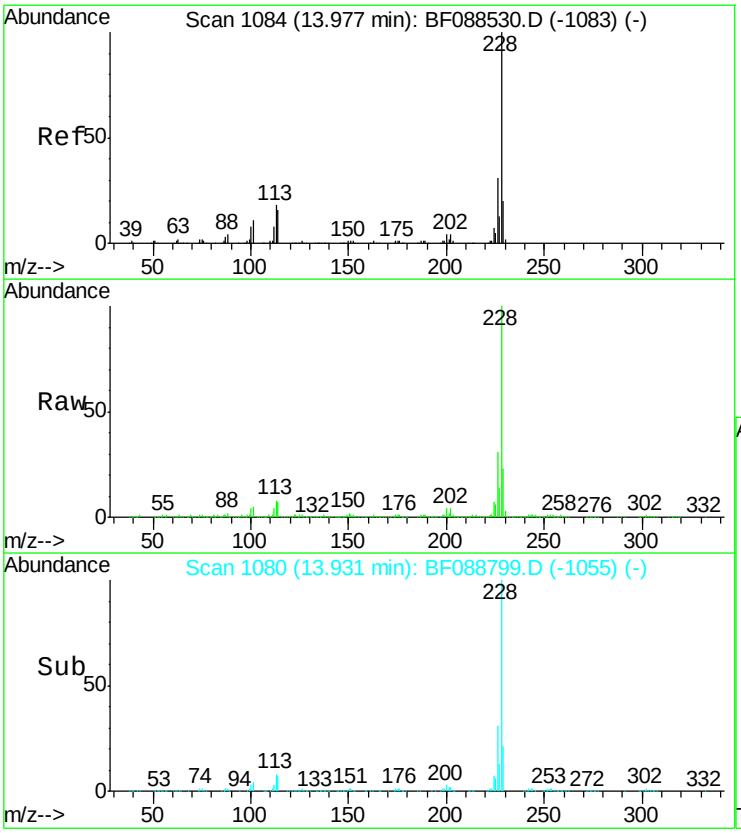
#80
Benzo(a)anthracene
Concen: 98.95 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:228 Resp: 1073684

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.3	33.5
229	22.4	16.0	24.0

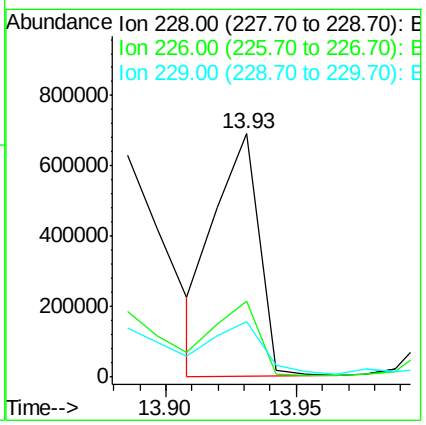


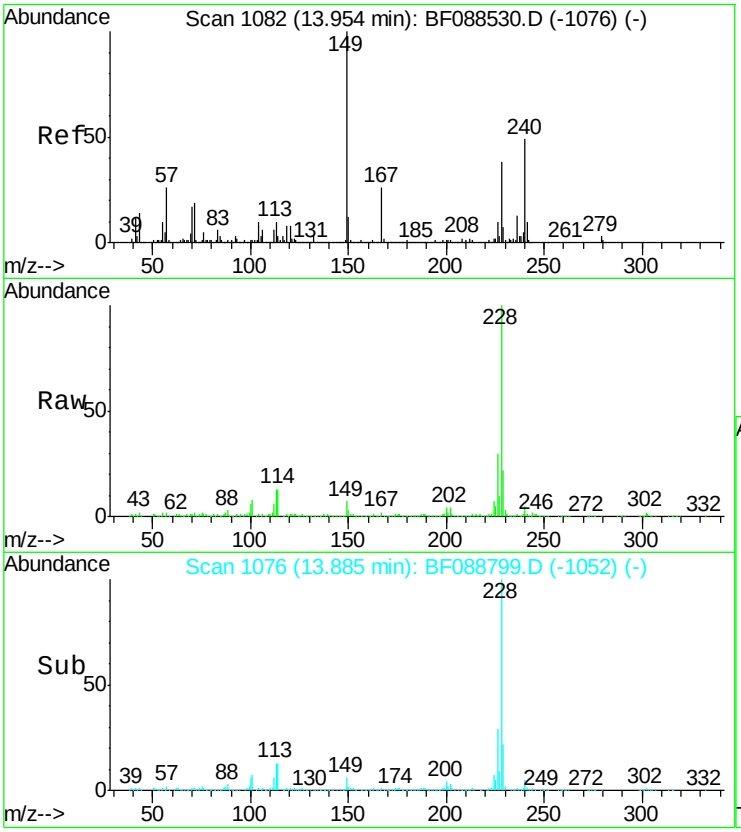


#82
Chrysene
Concen: 76.15 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:228 Resp: 817541

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	23.0	16.3	24.5



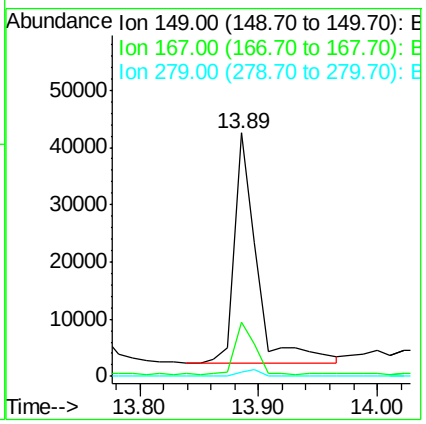


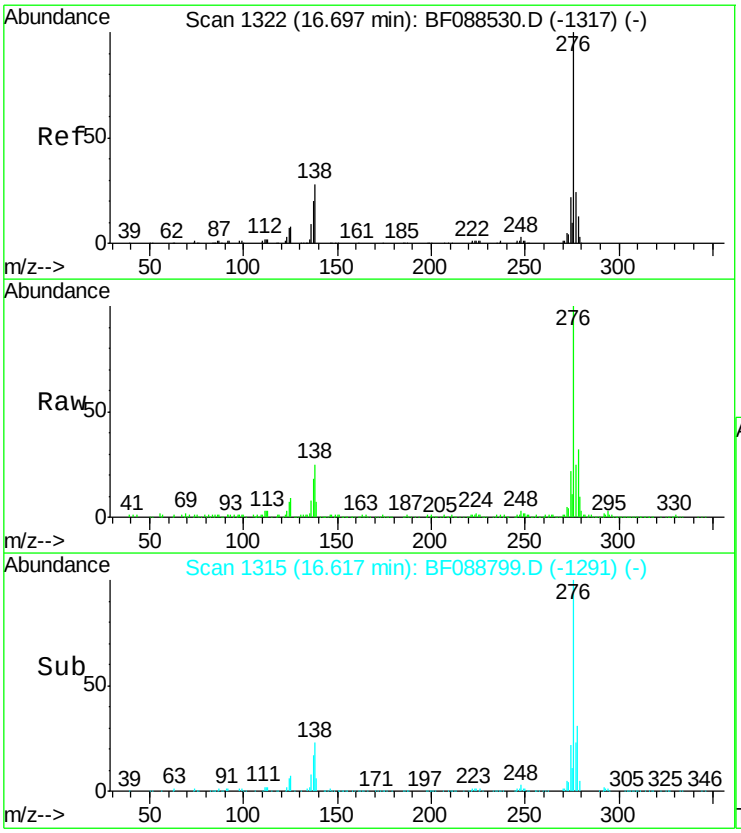
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.25 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:149 Resp: 52748

Ion	Ratio	Lower	Upper
149	100		
167	22.5	20.5	30.7
279	1.8	2.0	3.0#

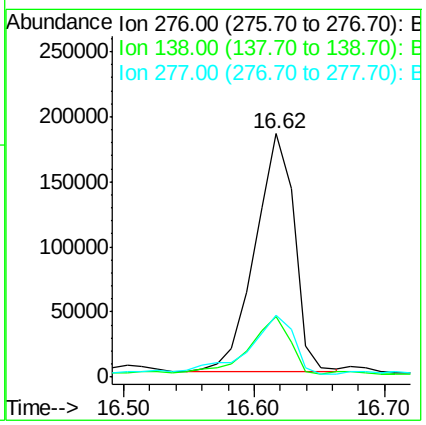


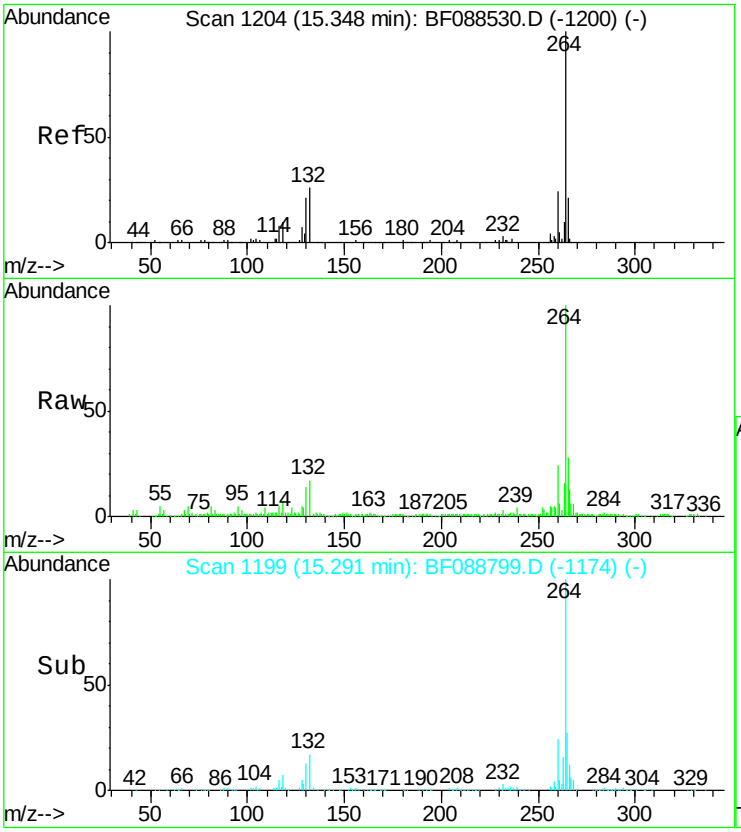


#85
Indeno(1,2,3-cd)pyrene
Concen: 46.38 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:276 Resp: 383077

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	0.0#
277	29.2	0.0	0.0#



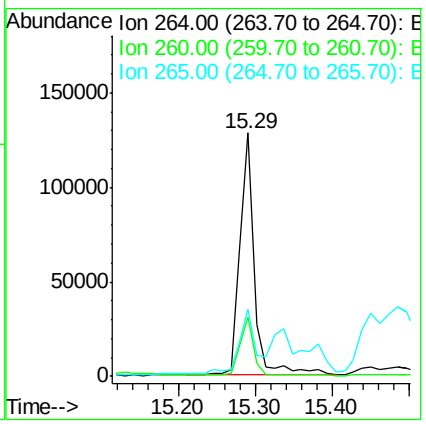


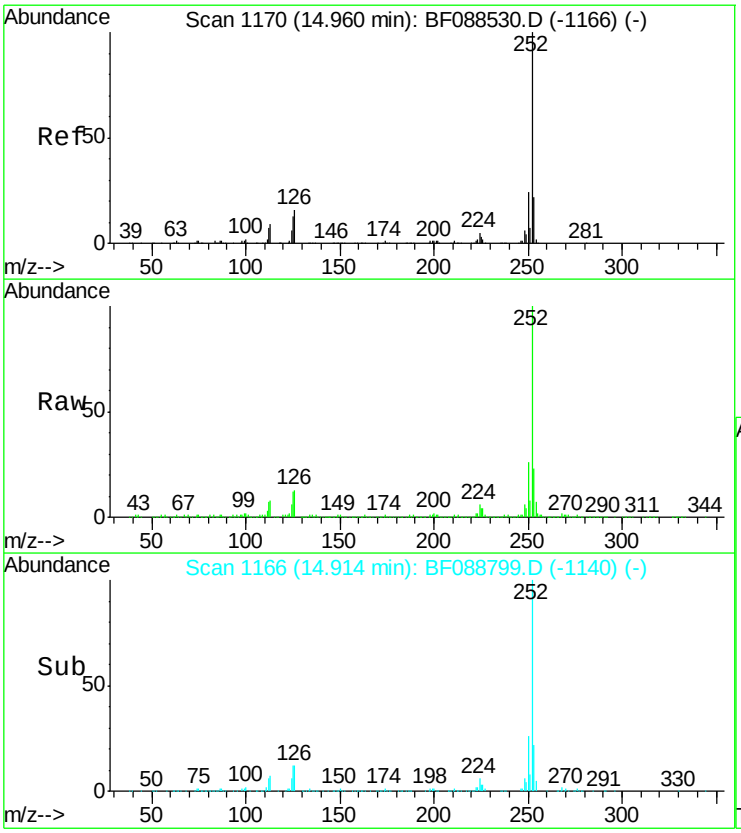
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:264 Resp: 169643

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	27.7	16.9	25.3#

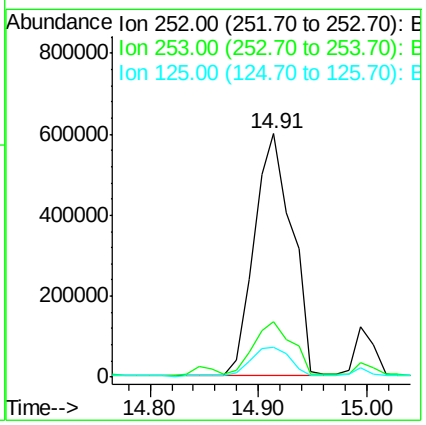


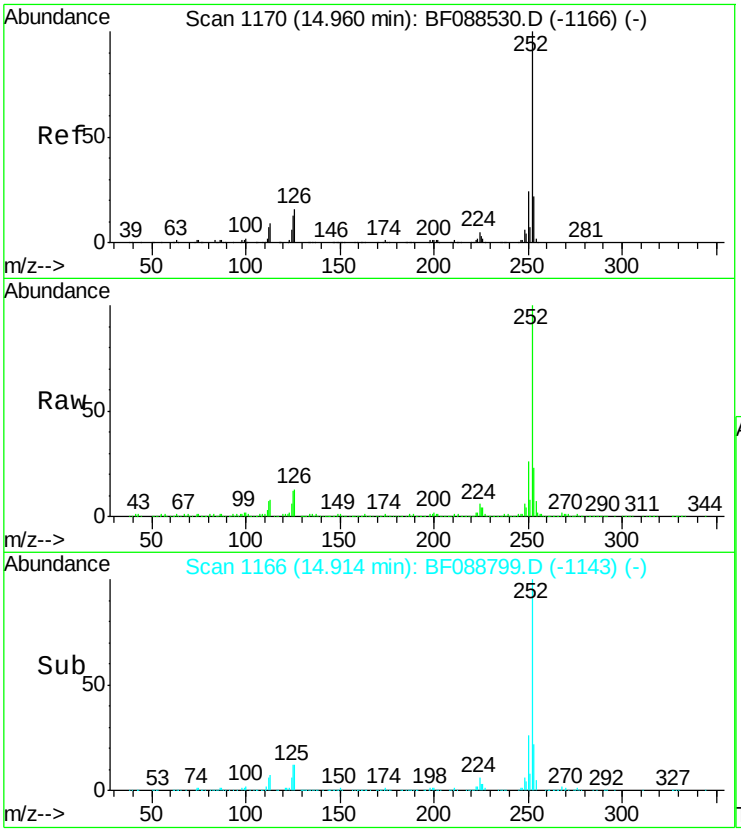


#87
Benzo(b)fluoranthene
Concen: 135.55 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:252 Resp: 1442467

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.3	7.1	10.7#



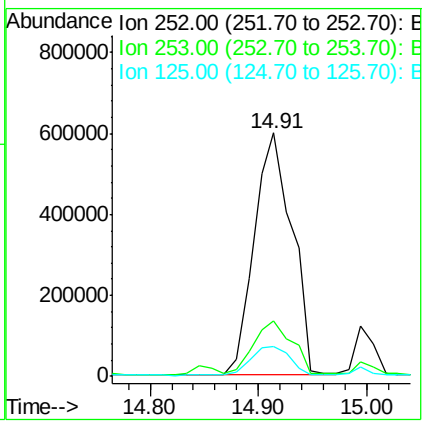


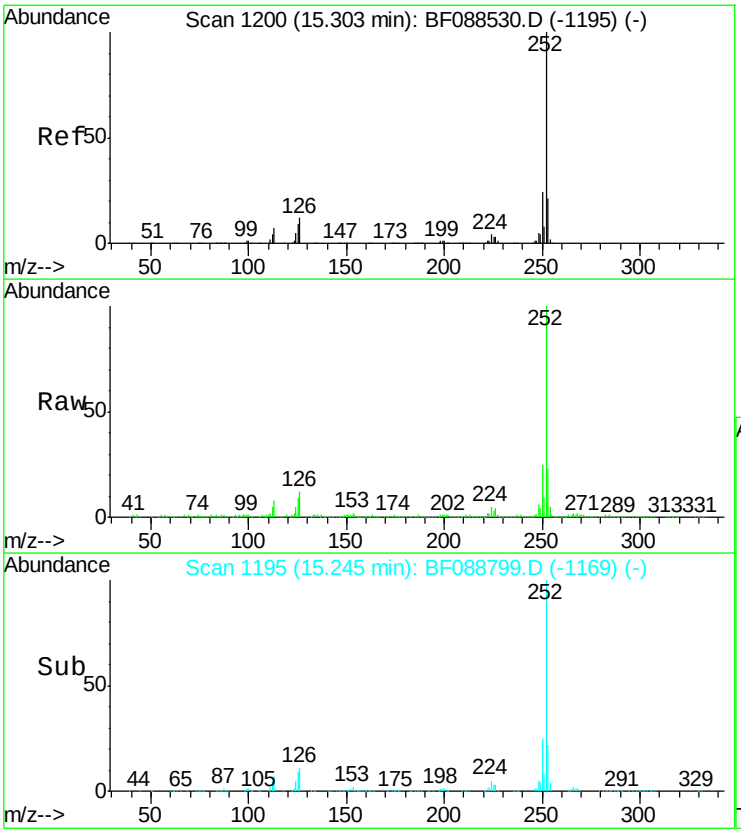
#88
Benzo(k)fluoranthene
Concen: 155.48 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:252 Resp: 1440438

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.3	11.2	16.8

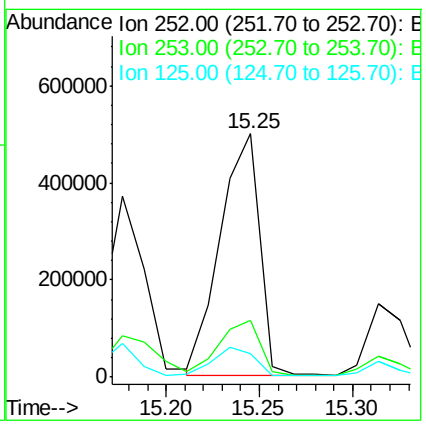


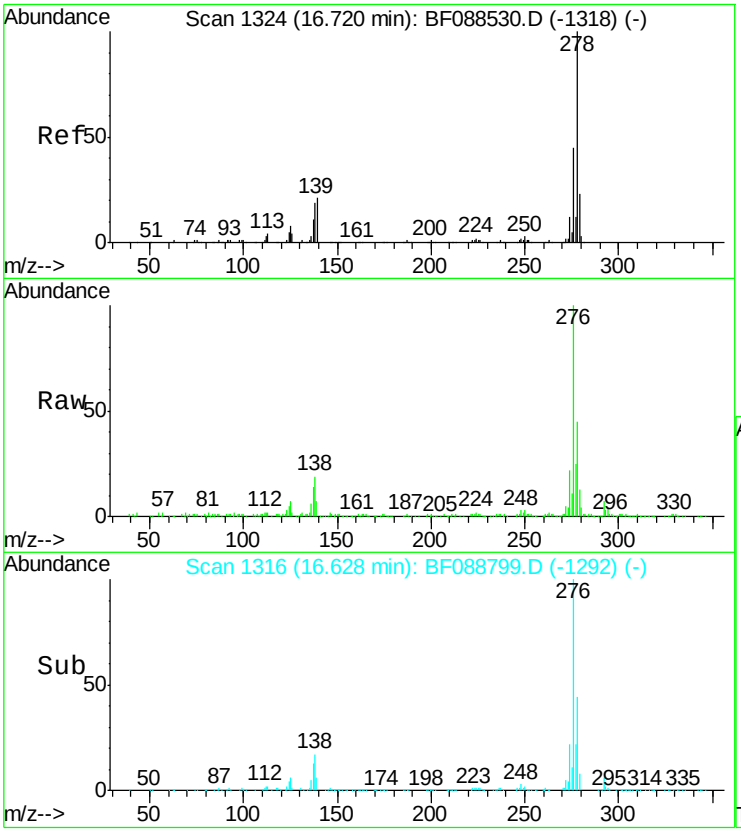


#89
Benzo(a)pyrene
Concen: 81.80 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:252 Resp: 737067

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.4	12.5	18.7#



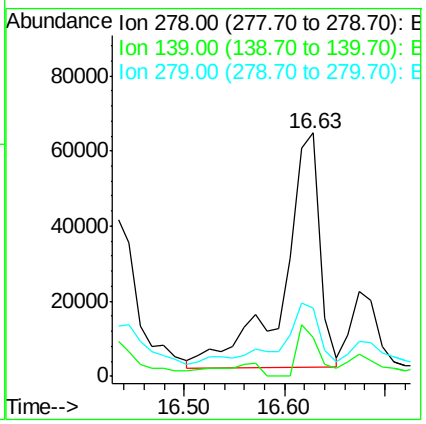


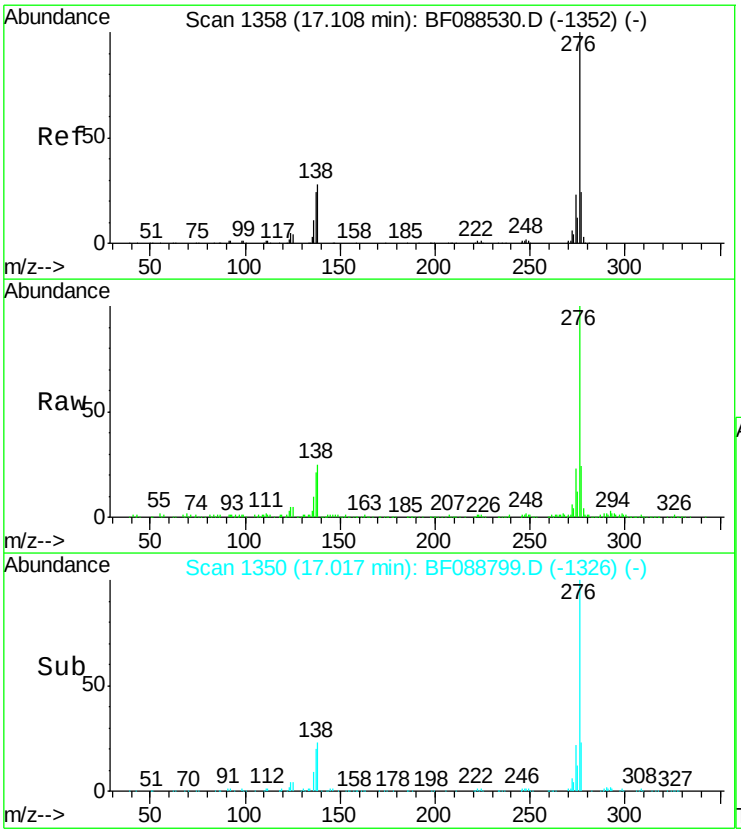
#90
Dibenzo(a,h)anthracene
Concen: 20.86 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:278 Resp: 156938

Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.7	23.5
279	28.2	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 46.38 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088799.D
Acq: 8 Jul 2016 1:03

Tgt Ion:276 Resp: 361091

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	24.6	21.4	32.2