Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082117\
Data File : BF097907.D
Acq On : 21 Aug 2017 15:38
Operator : SJ/JU
Sample : I4852-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-207

Quant Time: Aug 21 16:12:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	134033	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	501306	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	186090	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	301319	20.00	ng		0.00
75) Chrysene-d12	13.90	240	287476	20.00	ng		0.00
86) Perylene-d12	15.32	264	198825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	876829	99.51	ng		0.00
7) Phenol-d6	6.39	99	1186160	99.07	ng		0.00
23) Nitrobenzene-d5	7.32	82	716739	77.67	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	150203	93.03	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	874870	69.07	ng		0.00
78) Terphenyl-d14	12.85	244	594863	43.15	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	97944	11.950	ng	#	70
25) Isophorone	7.32	82	704165	36.698	ng	#	67
26) 2-Nitrophenol	7.46	139	262	5.321	ng	#	1
32) Benzoic acid	7.70	122	108	6.420	ng	#	25
49) Dimethylphthalate	9.50	163	124184	9.129	ng		97
56) 2,4-Dinitrotoluene	9.78	165	23341	6.850	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.57	198	414	8.562	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	10075	3.220	ng	#	1
70) Phenanthrene	11.29	178	111965	6.973	ng		98
74) Fluoranthene	12.47	202	237559	14.175	ng		98
77) Pyrene	12.70	202	221901	9.438	ng		99
80) Benzo(a)anthracene	13.89	228	128149	7.438	ng		97
82) Chrysene	13.92	228	126557	7.384	ng		97
85) Indeno(1,2,3-cd)pyrene	16.69	276	48299	3.831	ng	#	88
87) Benzo(b)fluoranthene	14.91	252	189851	15.149	ng		98
88) Benzo(k)fluoranthene	14.91	252	189851	16.124	ng		97
89) Benzo(a)pyrene	15.26	252	88035	7.935	ng		97
91) Benzo(g,h,i)perylene	17.10	276	44582	4.730	ng		94

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

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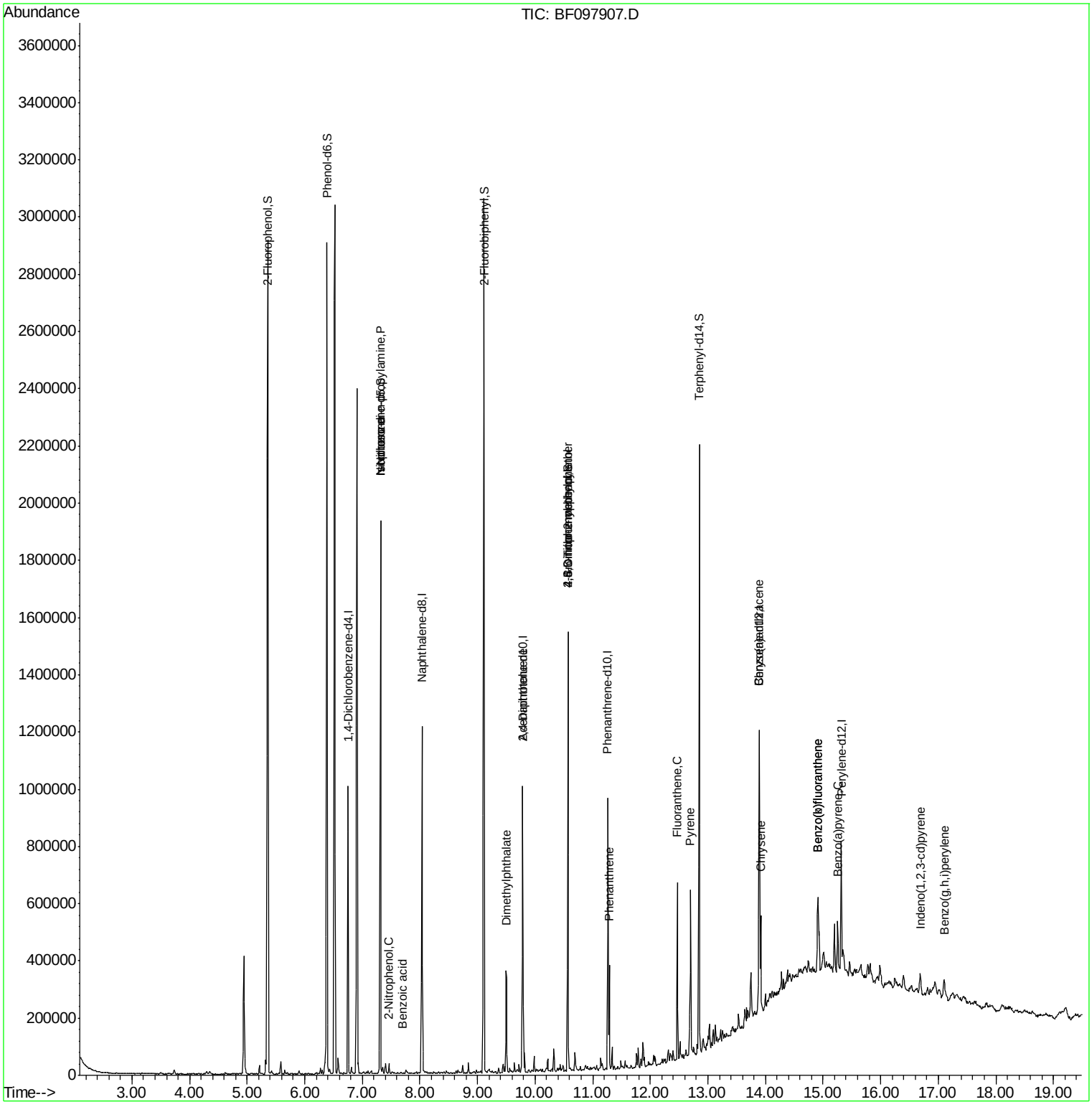
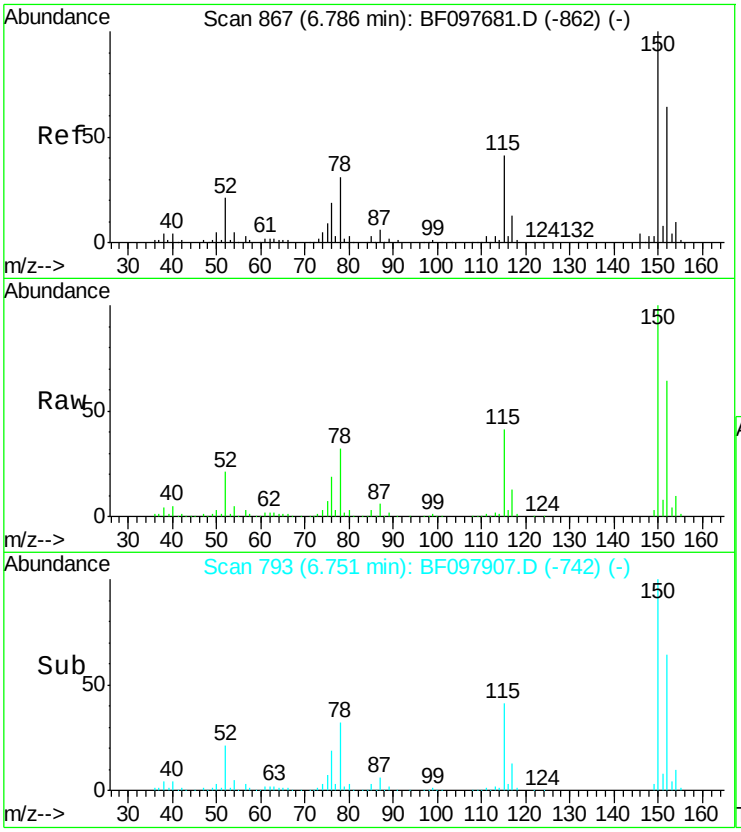


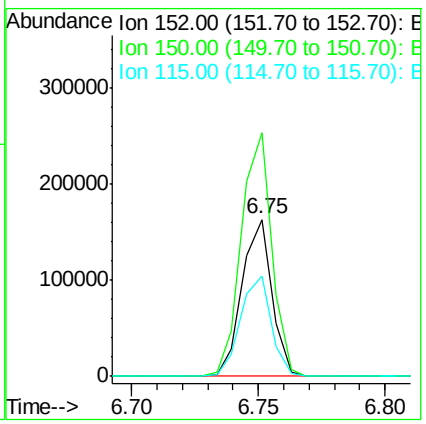


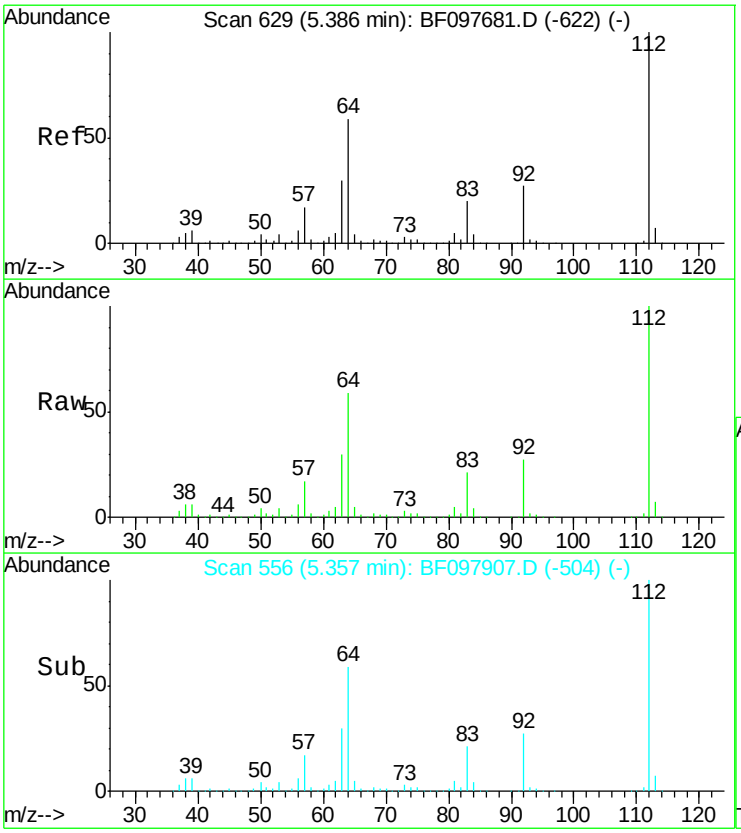
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:152 Resp: 134033

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	64.3	52.2	78.2

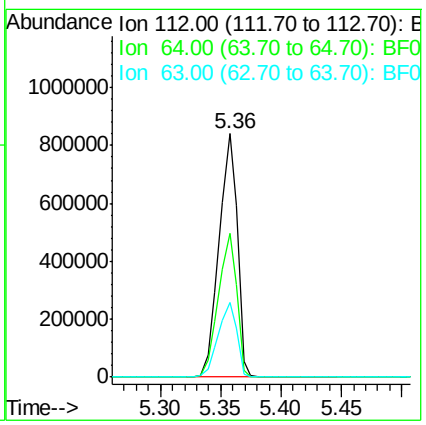


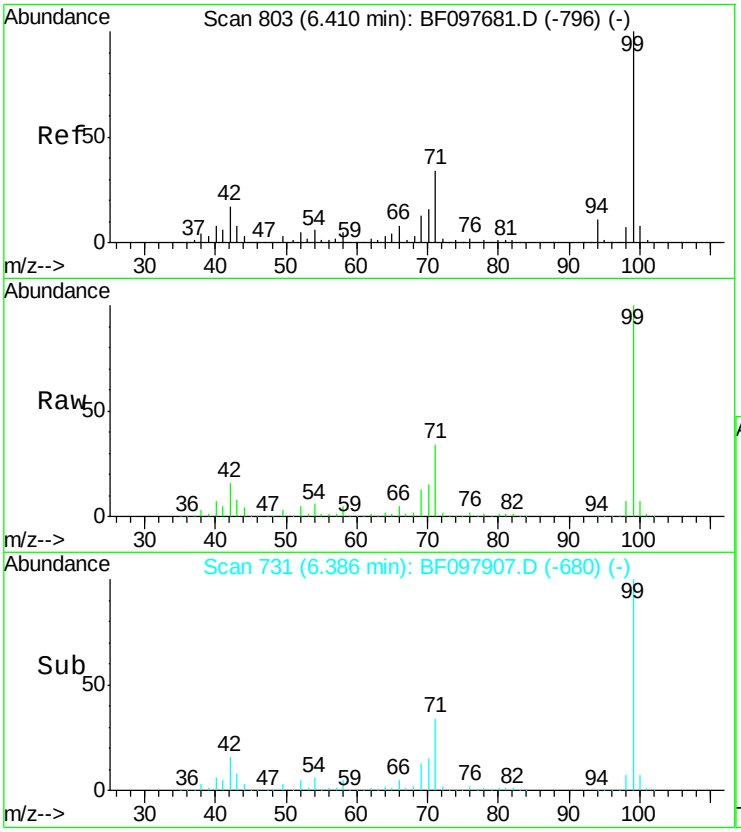


#5
2-Fluorophenol
Concen: 99.507 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:112 Resp: 876829

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.0	69.0
63	30.4	23.4	35.0



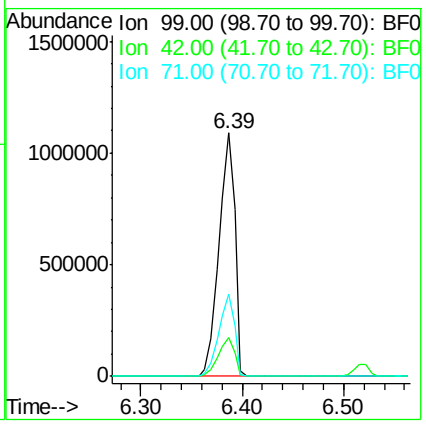


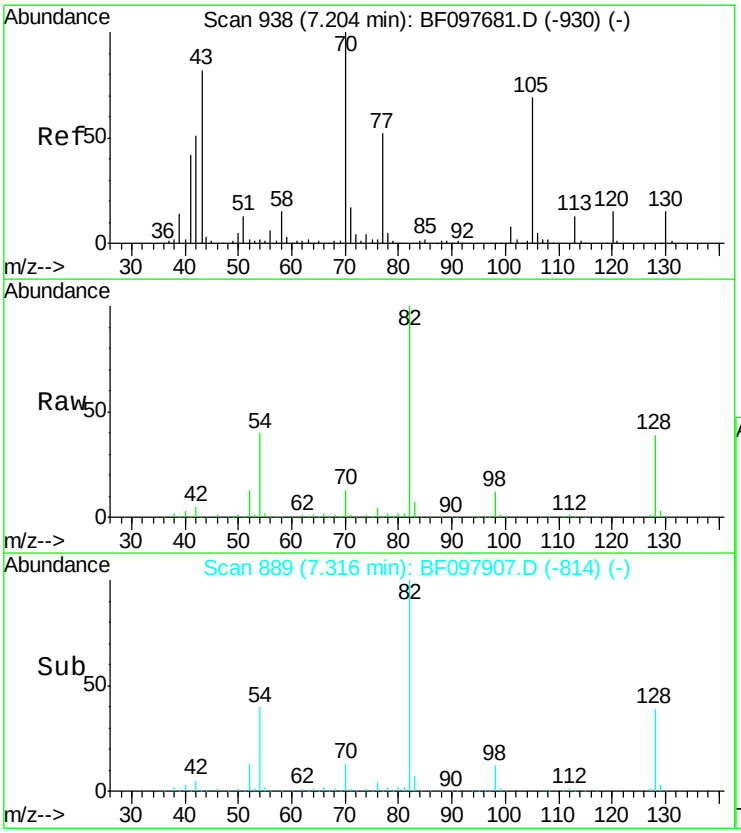
#7
Phenol-d6
Concen: 99.073 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion: 99 Resp: 1186160

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.7	24.5	36.7

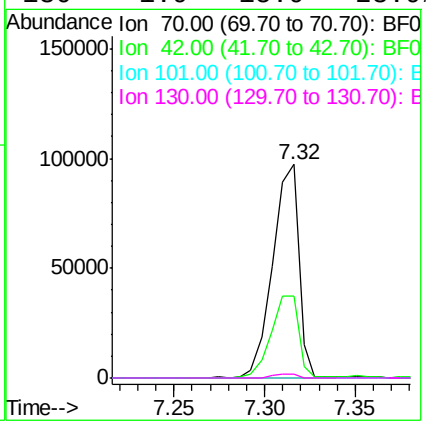


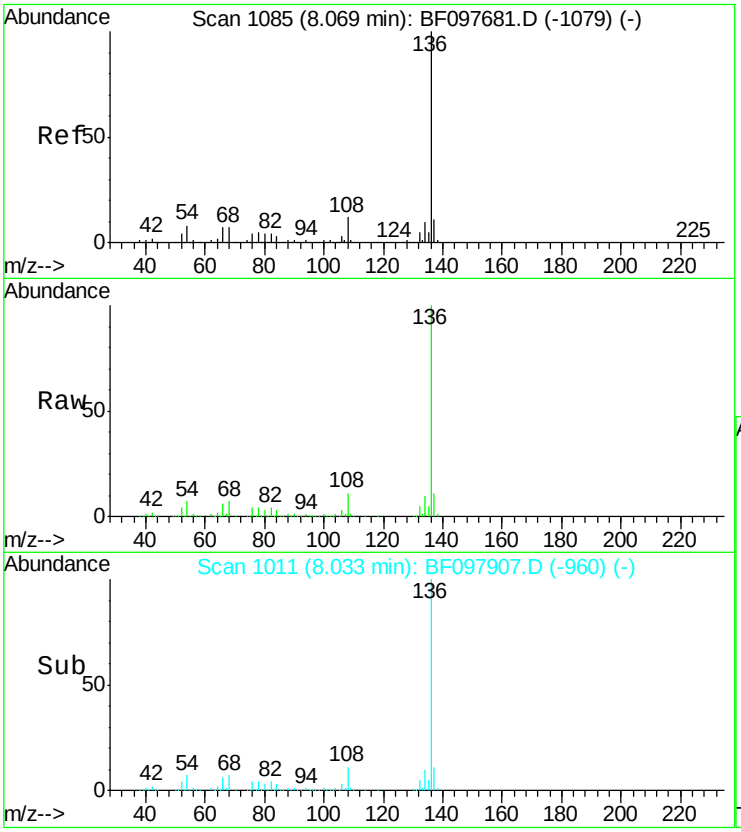


#19
n-Nitroso-di-n-propylamine
Concen: 11.950 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion: 70 Resp: 97944

Ion	Ratio	Lower	Upper
70	100		
42	38.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



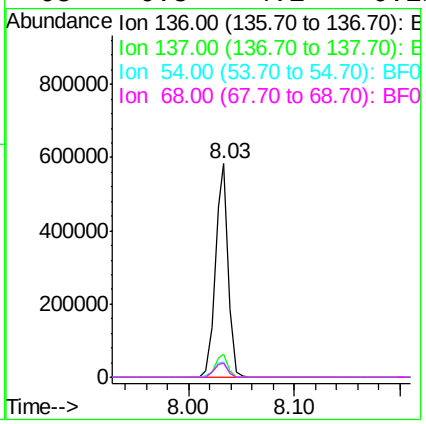


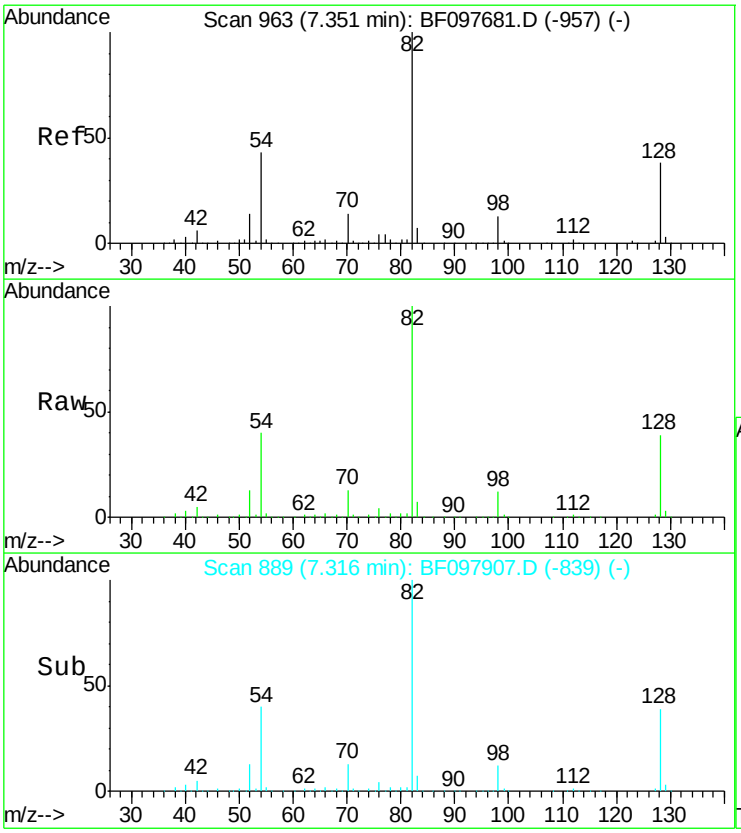
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:136 Resp: 501306

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3#
68	6.8	4.1	6.1#

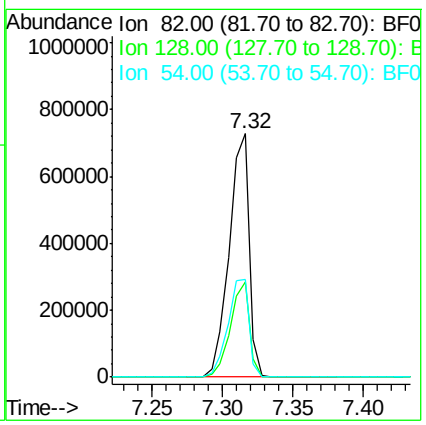


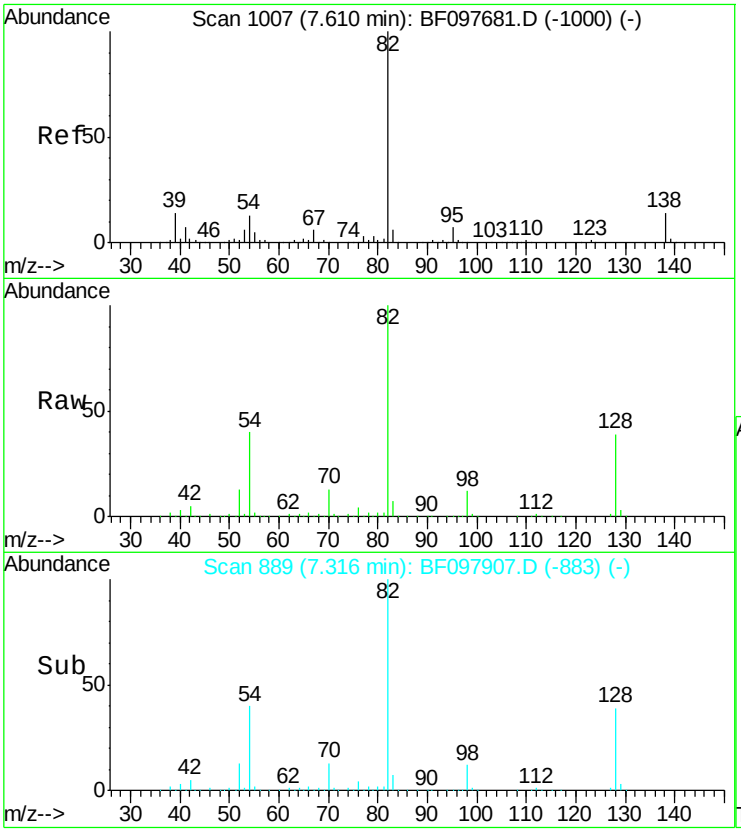


#23
Nitrobenzene-d5
Concen: 77.670 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion: 82 Resp: 716739

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.0	51.0
54	40.2	42.2	63.2#



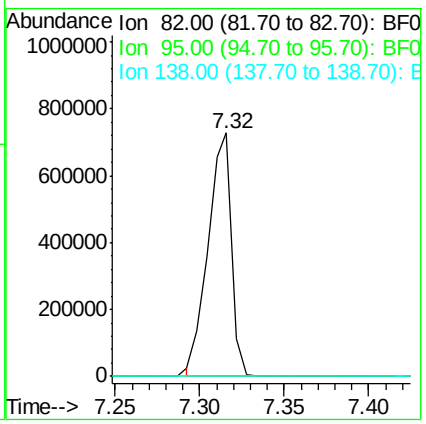


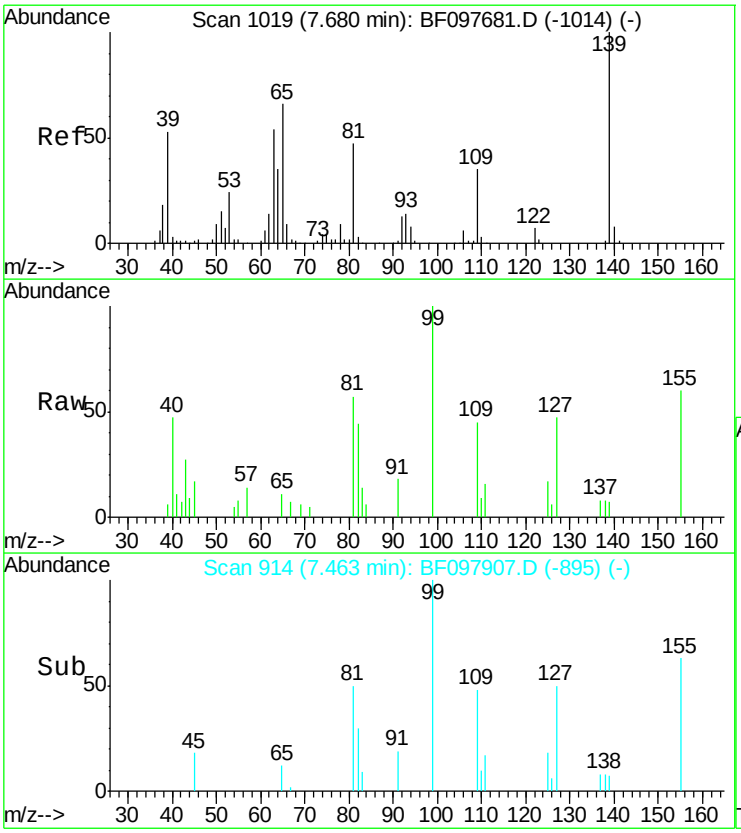
#25
Isophorone
Concen: 36.698 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion: 82 Resp: 704165

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

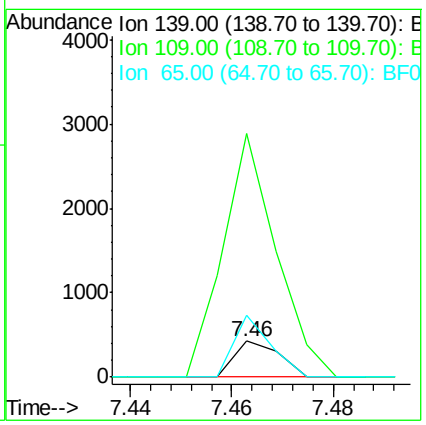


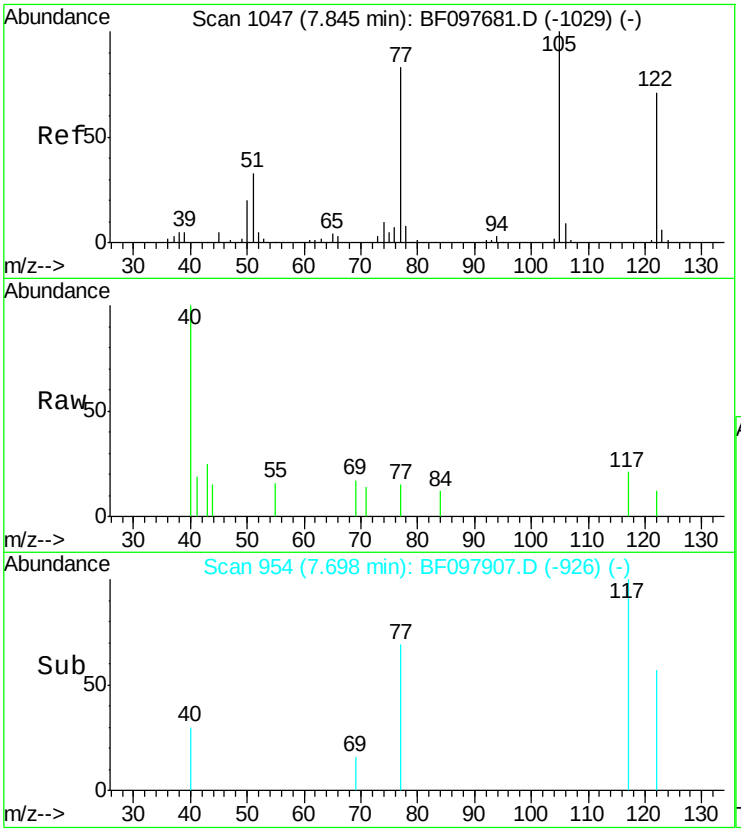


#26
2-Nitrophenol
Concen: 5.321 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.19 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:139 Resp: 262

Ion	Ratio	Lower	Upper
139	100		
109	673.0	21.0	31.6#
65	169.5	33.0	49.6#



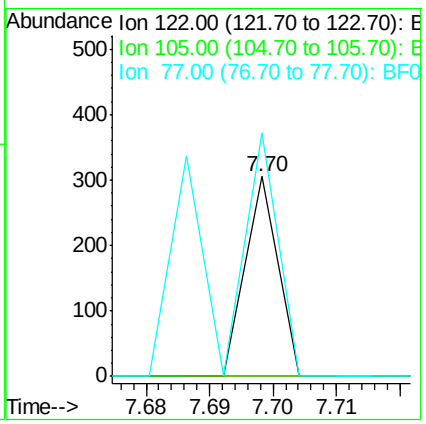


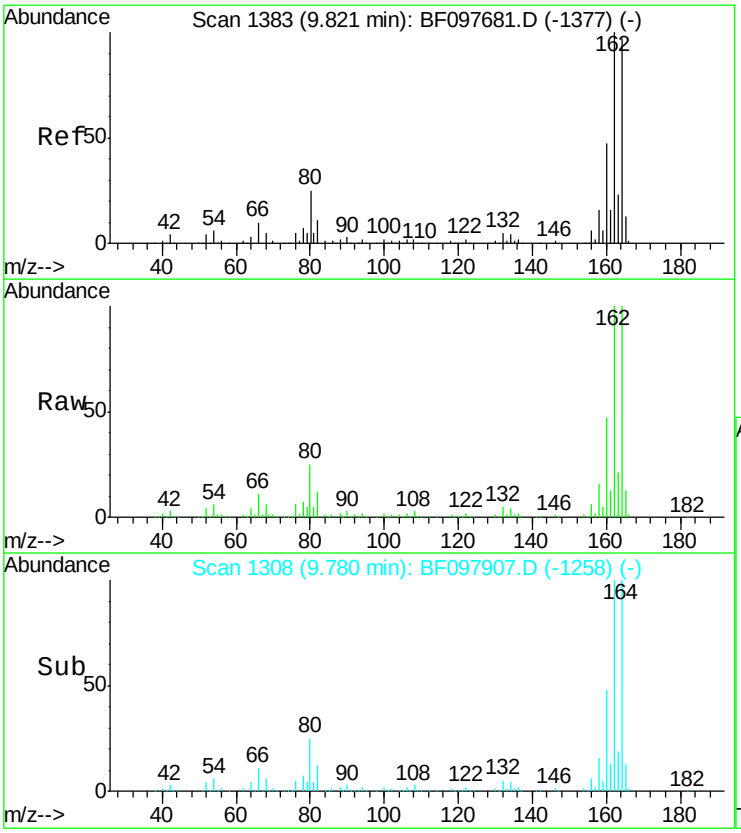
#32
Benzoic acid
Concen: 6.420 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.14 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	122.0	73.7	113.7#

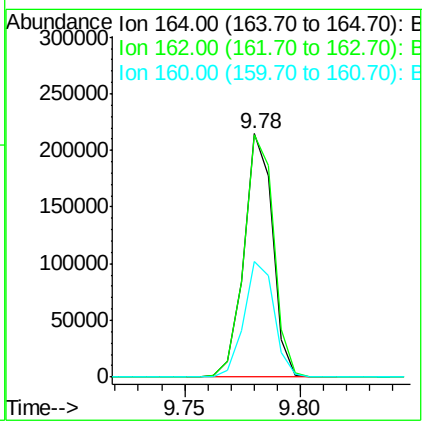


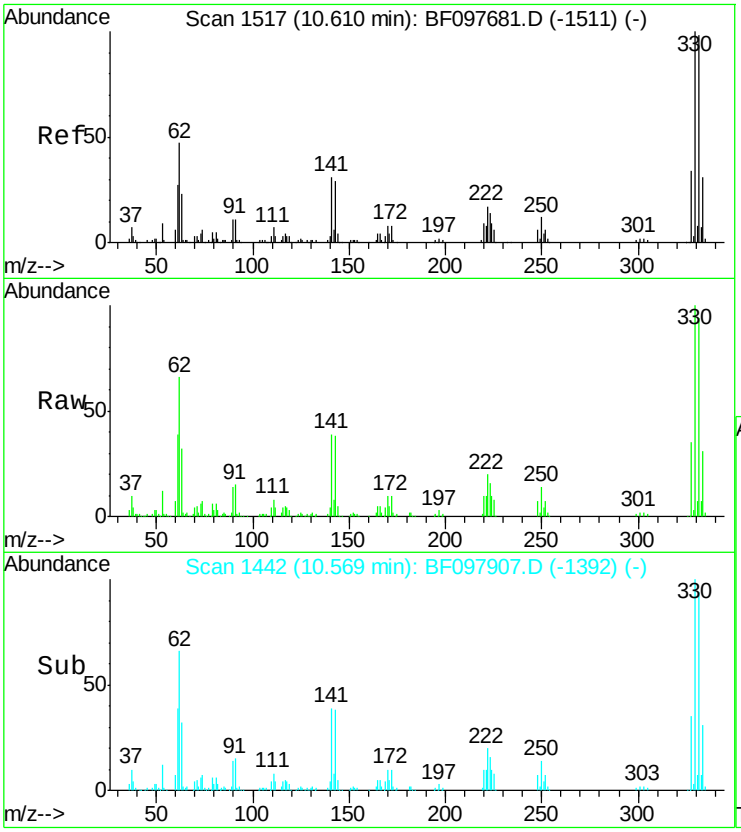


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:164 Resp: 186090

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	123.8
160	47.4	36.2	54.2



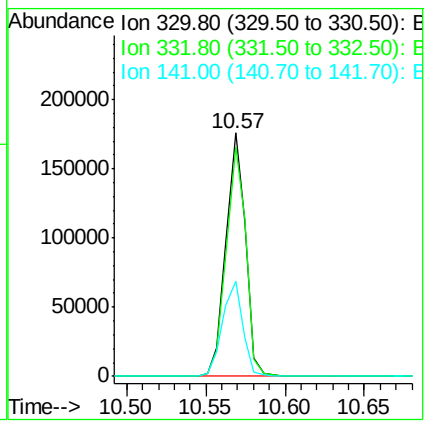


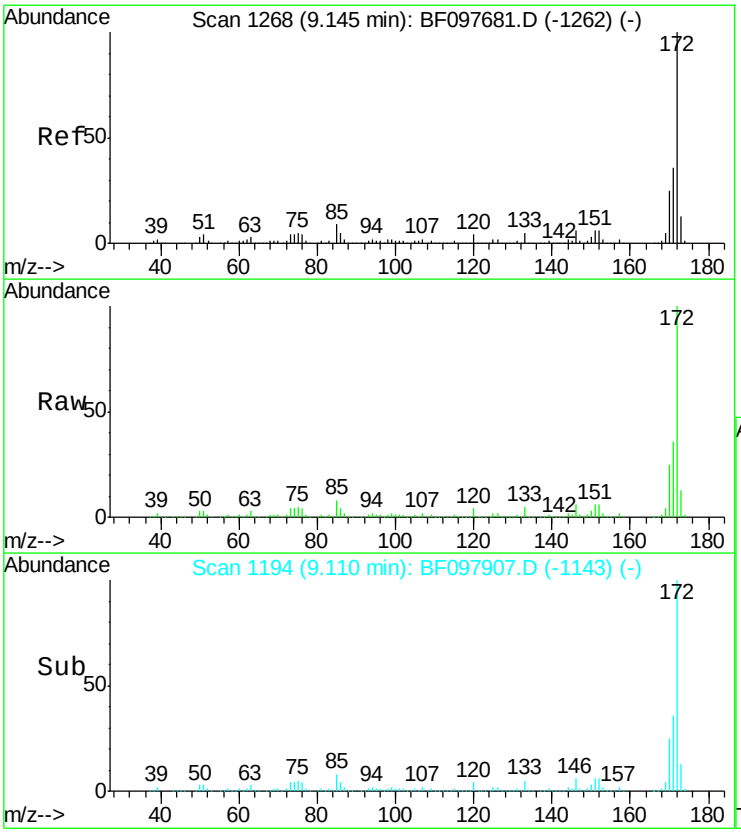
#41
2,4,6-Tribromophenol
Concen: 93.026 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:330 Resp: 150203

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	41.1	31.4	47.2

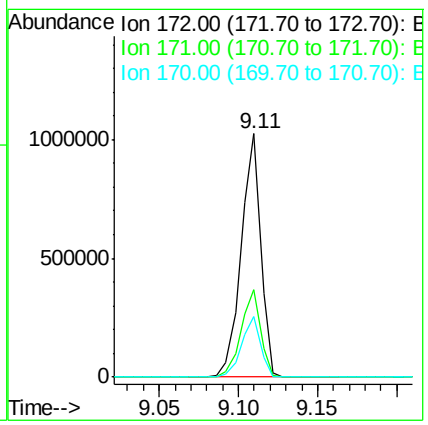


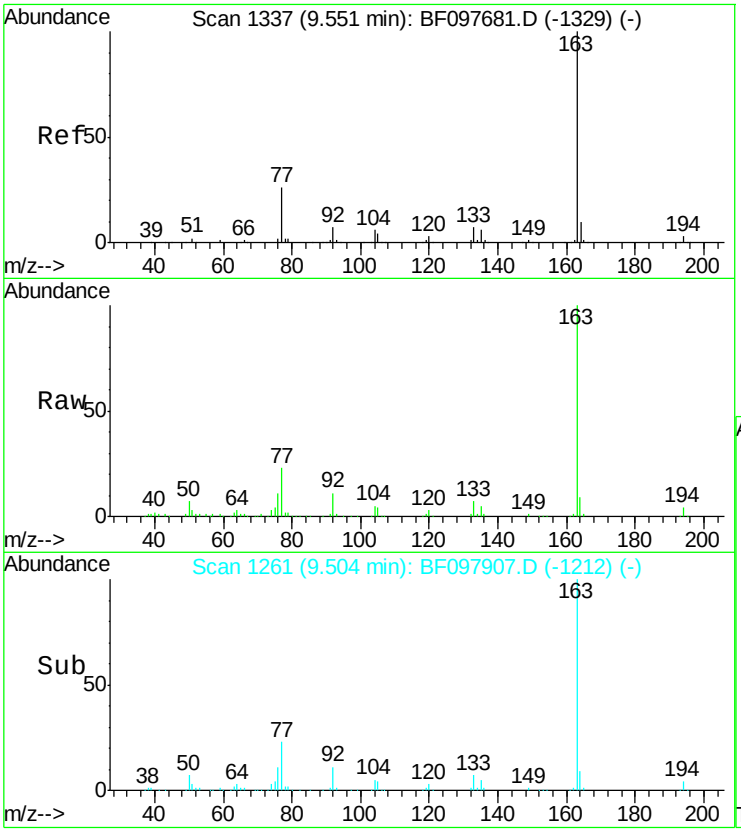


#44
2-Fluorobiphenyl
Concen: 69.072 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:172 Resp: 874870

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.8	19.8	29.8



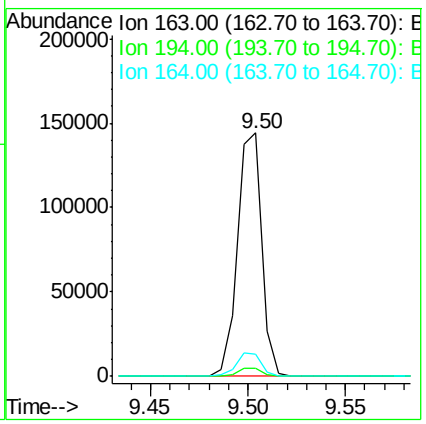


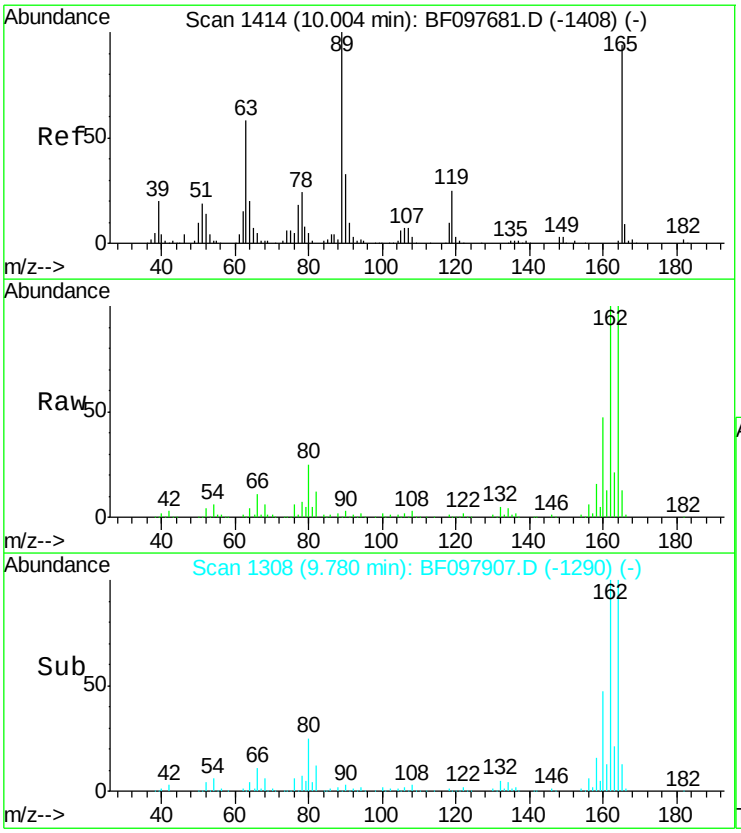
#49
Dimethylphthalate
Concen: 9.129 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:163 Resp: 124184

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.2	8.4	12.6

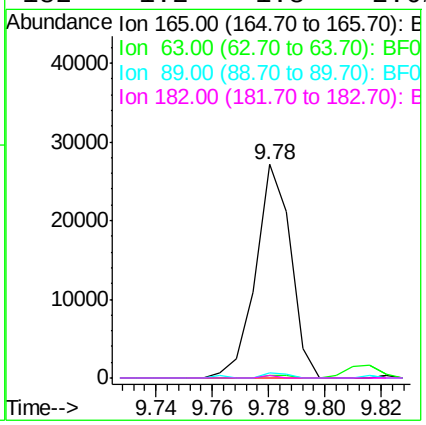


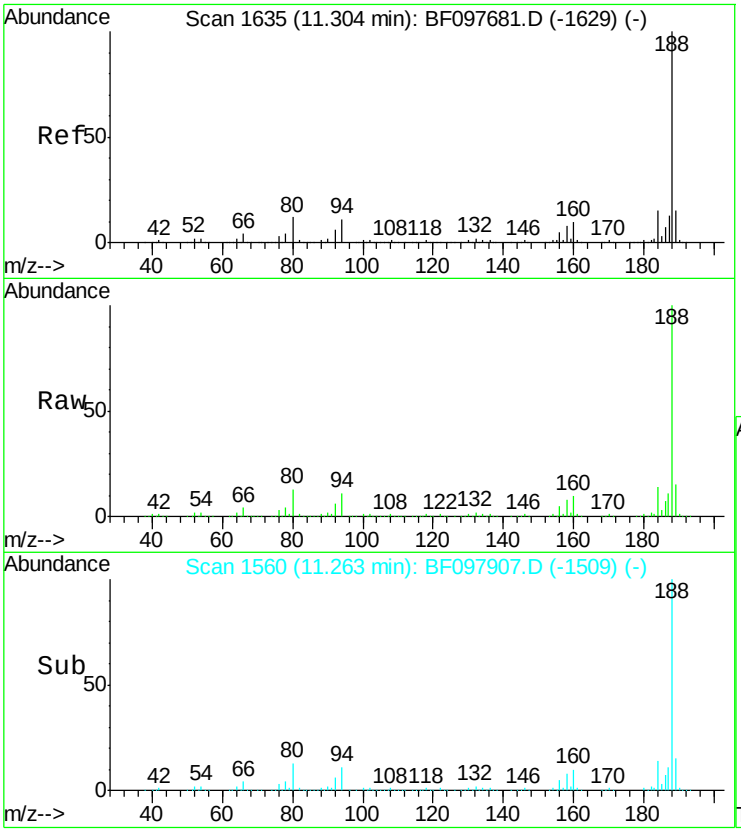


#56
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:165 Resp: 23341

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	2.3	46.4	69.6#
182	1.2	1.8	2.6#



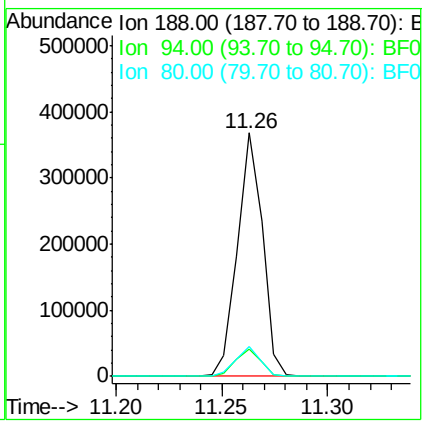


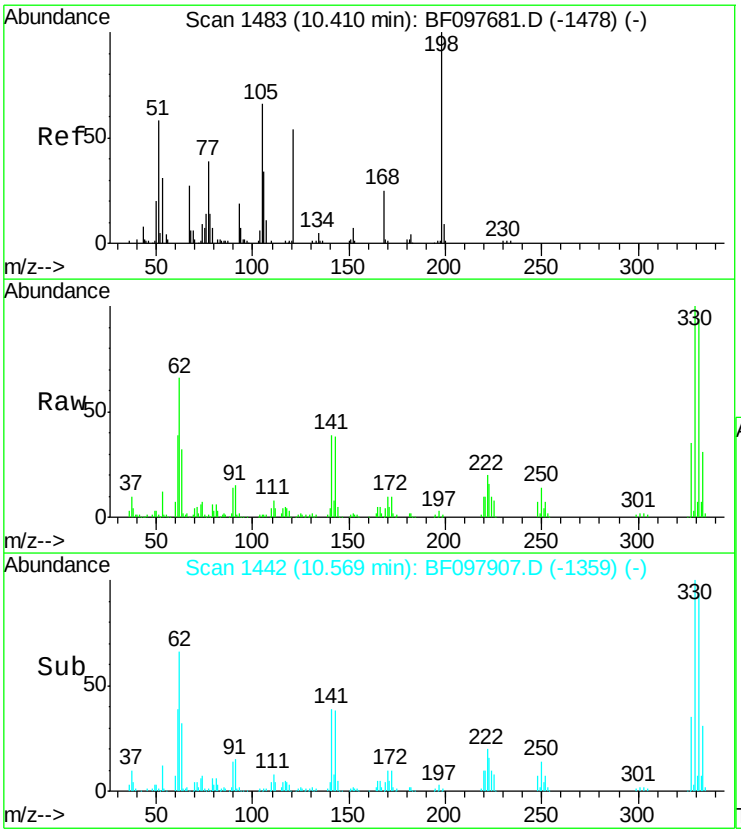
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:188 Resp: 301319

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.5	10.2	15.2

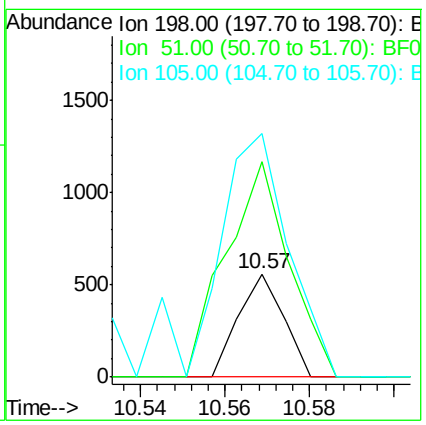


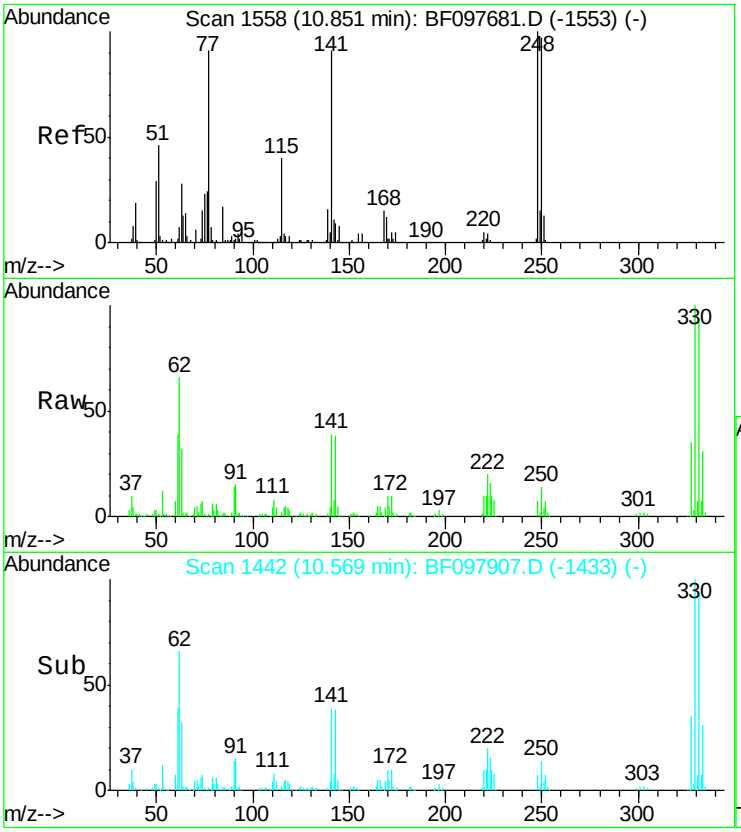


#64
4,6-Dinitro-2-methylphenol
Concen: 8.562 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:198 Resp: 414

Ion	Ratio	Lower	Upper
198	100		
51	208.6	53.2	93.2#
105	236.3	45.8	85.8#



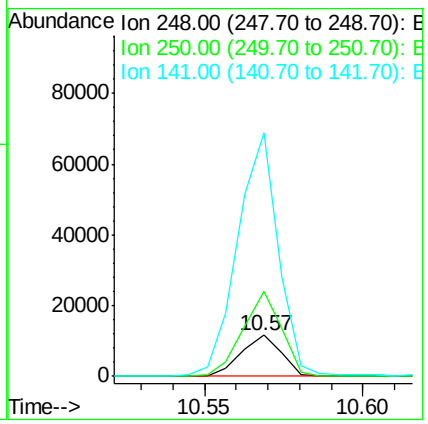


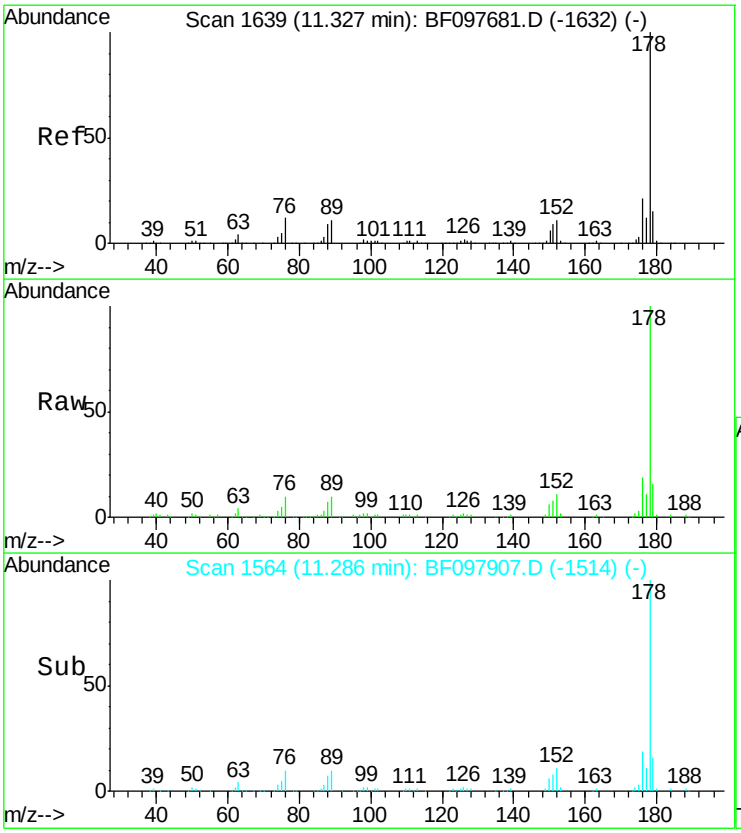
#66
4-Bromophenyl-phenylether
Concen: 3.220 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:248 Resp: 10075

Ion	Ratio	Lower	Upper
248	100		
250	204.7	76.8	115.2#
141	591.0	68.6	103.0#

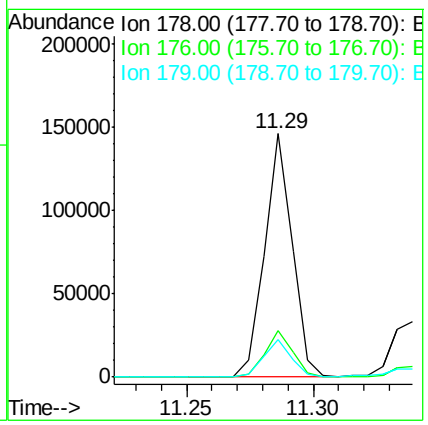


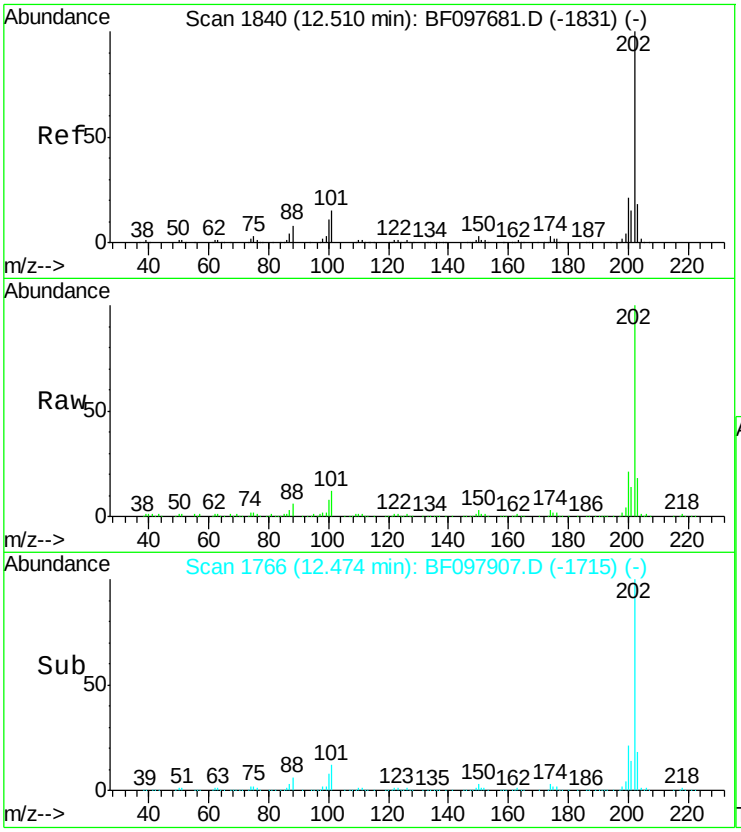


#70
Phenanthrene
Concen: 6.973 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:178 Resp: 111965

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.6	12.6	19.0



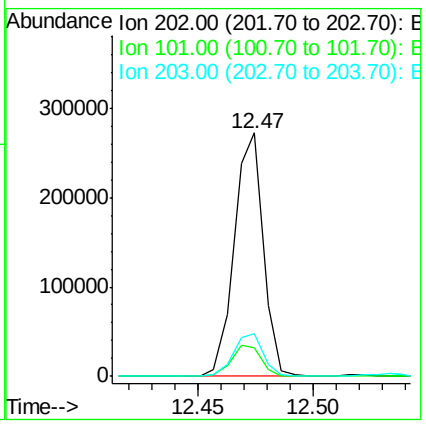


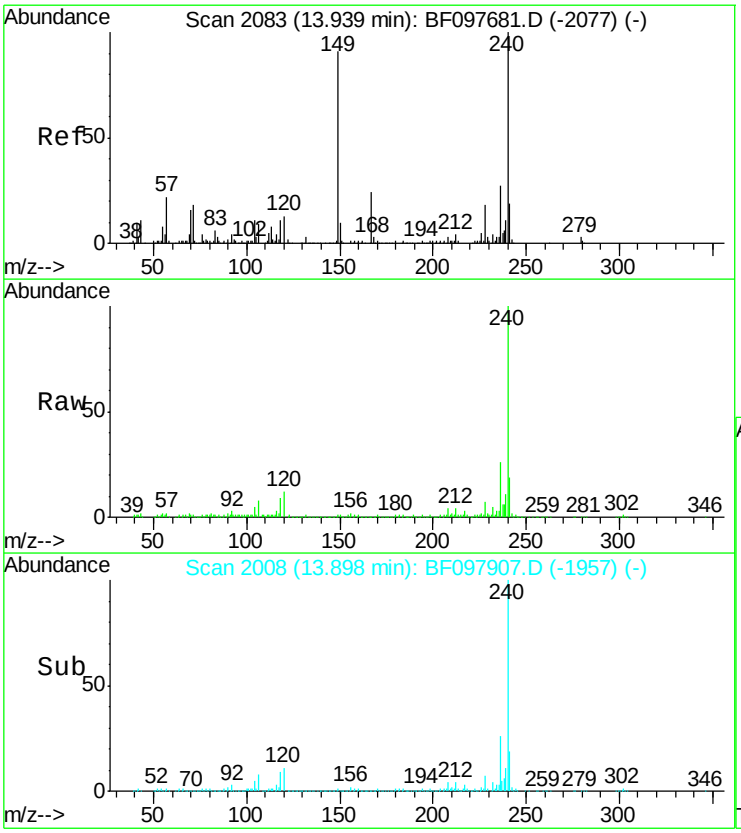
#74
Fluoranthene
Concen: 14.175 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:202 Resp: 237559

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.7	0.0	38.1

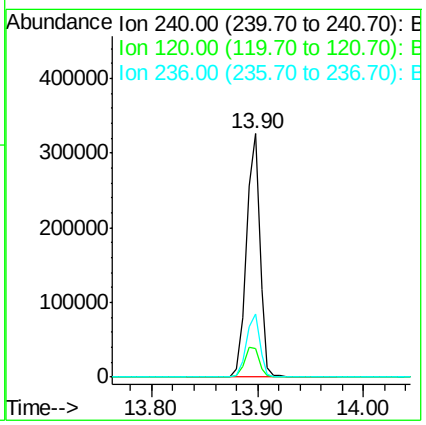


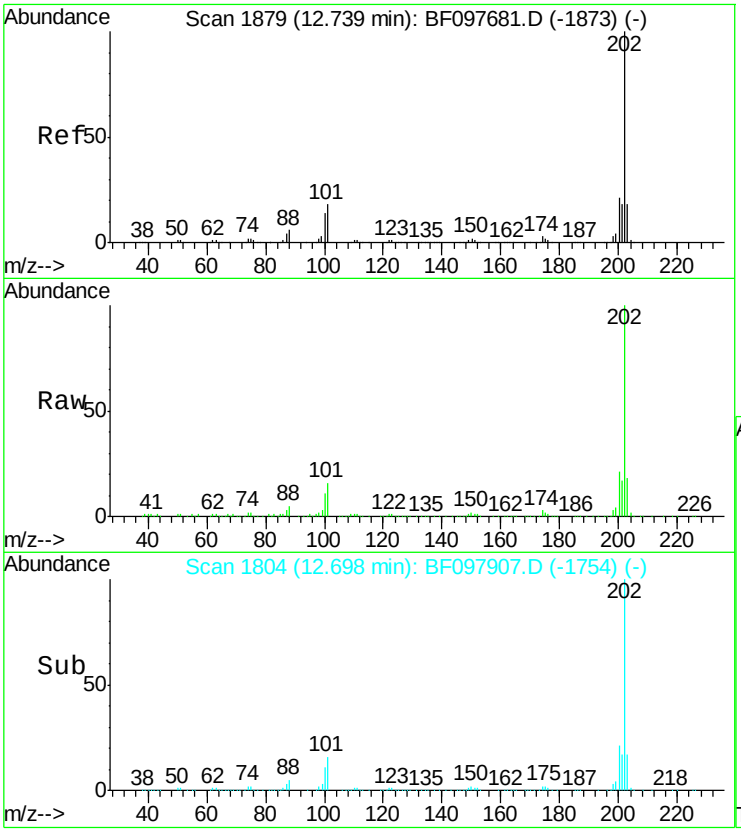


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:240 Resp: 287476

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.8	8.8#
236	26.2	20.5	30.7



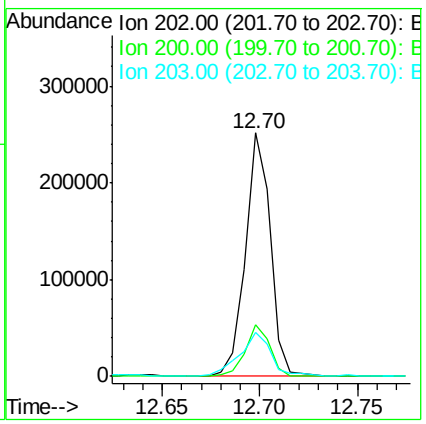


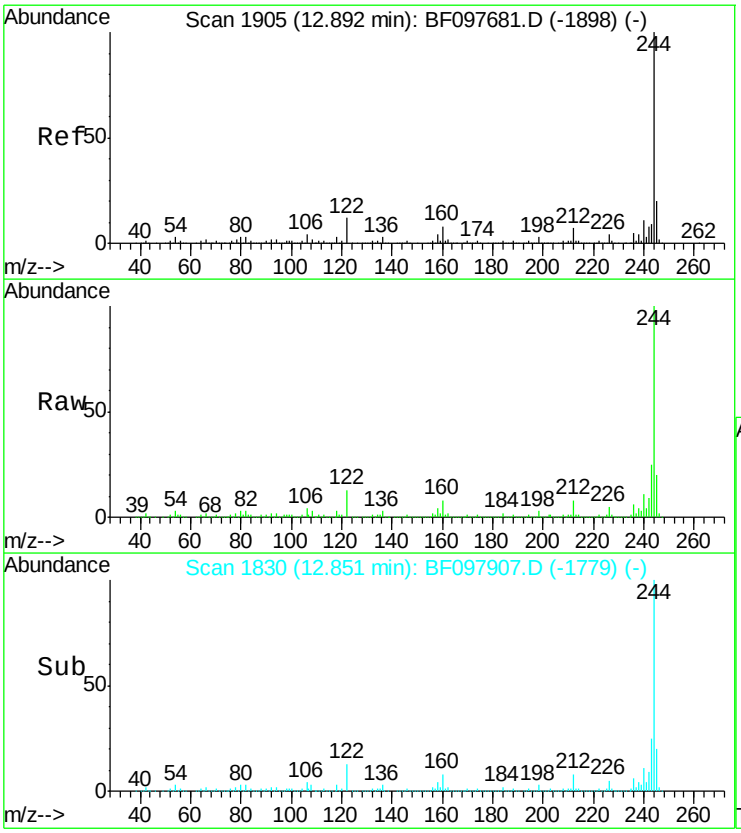
#77
Pyrene
Concen: 9.438 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:202 Resp: 221901

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.8	14.4	21.6

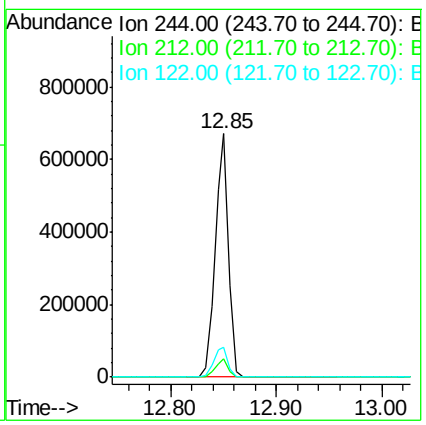


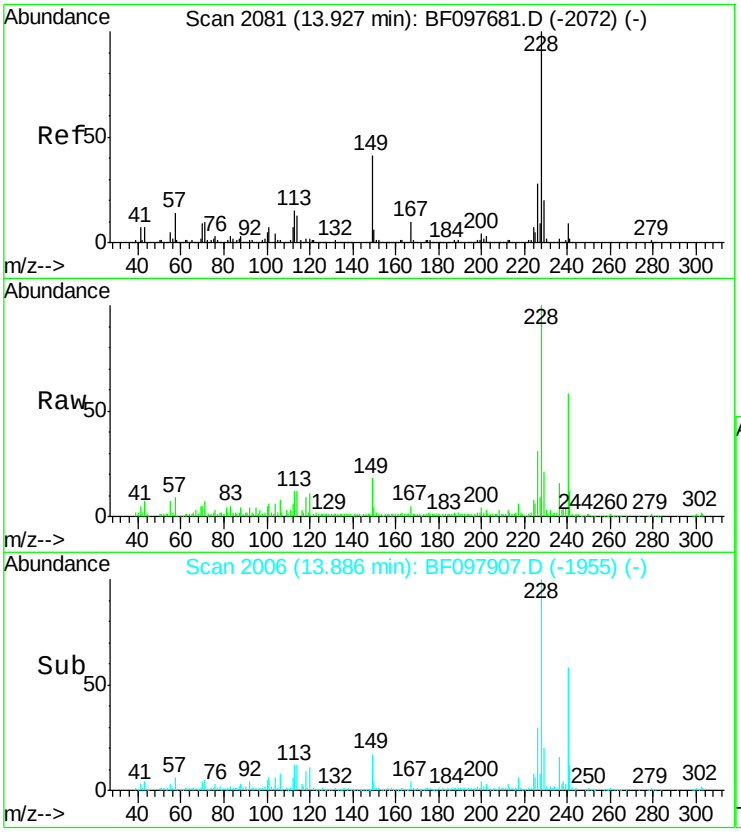


#78
Terphenyl-d14
Concen: 43.151 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:244 Resp: 594863

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.5	10.3	15.5



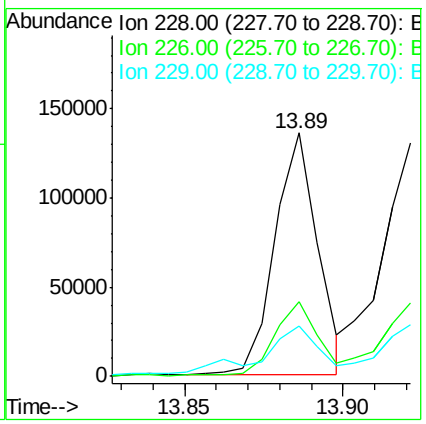


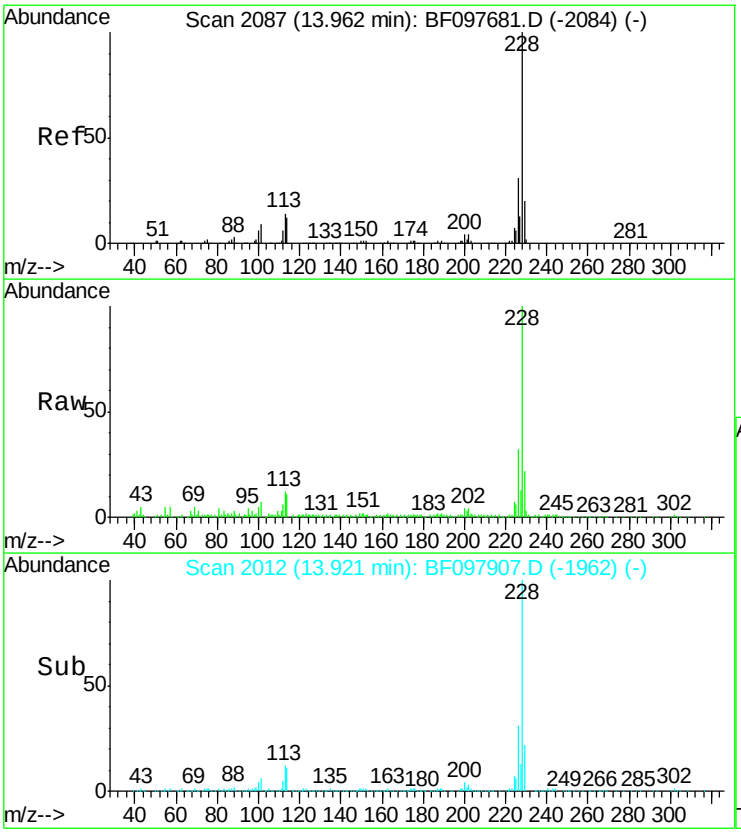
#80
Benzo(a)anthracene
Concen: 7.438 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:228 Resp: 128149

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.6	16.3	24.5

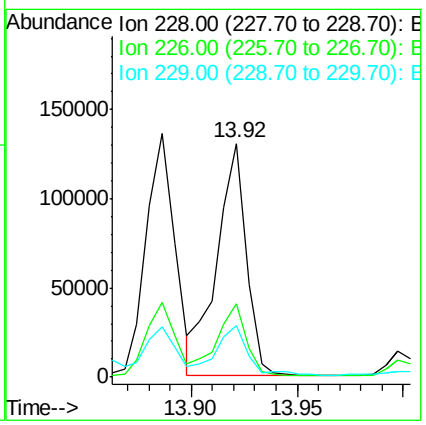


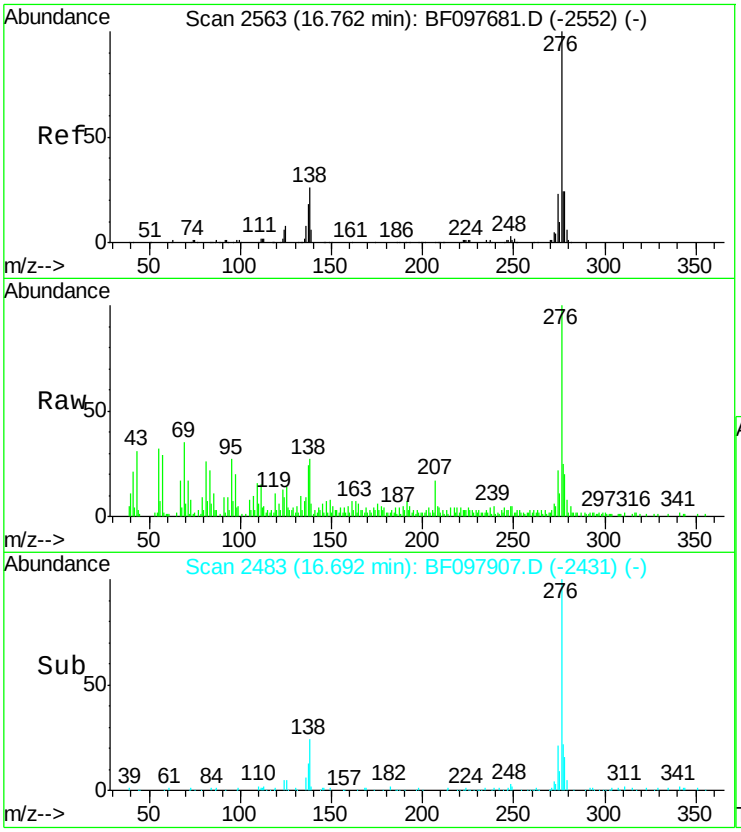


#82
Chrysene
Concen: 7.384 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:228 Resp: 126557

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.3	15.8	23.6



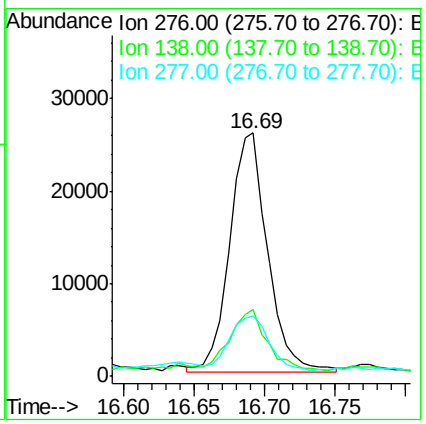


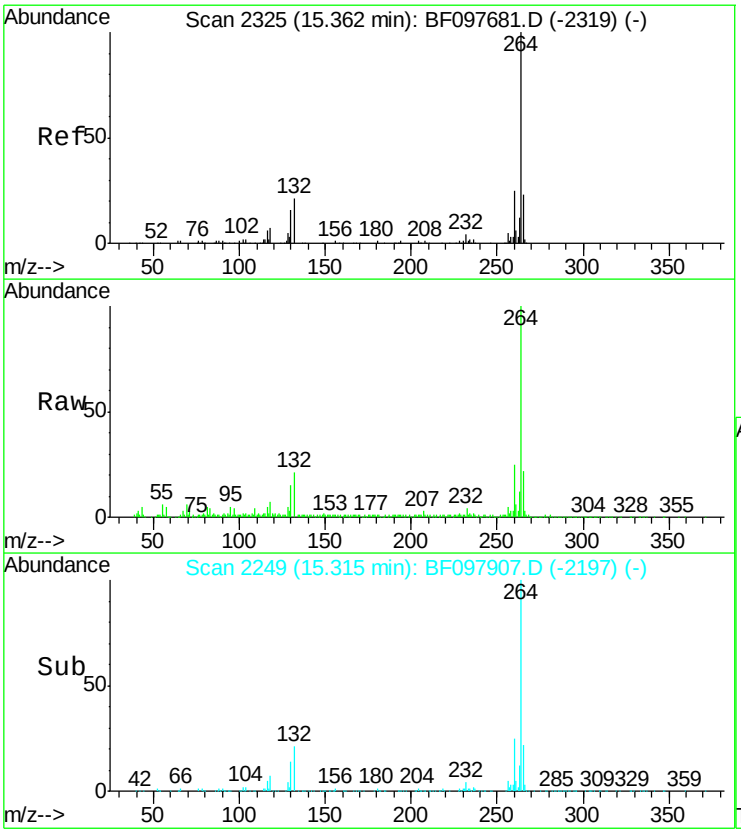
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.831 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:276 Resp: 48299

Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.8	41.6#
277	23.2	20.2	30.4

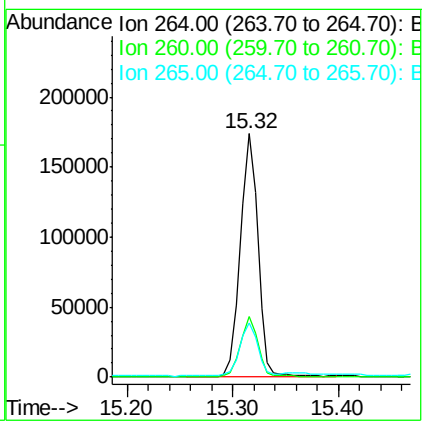


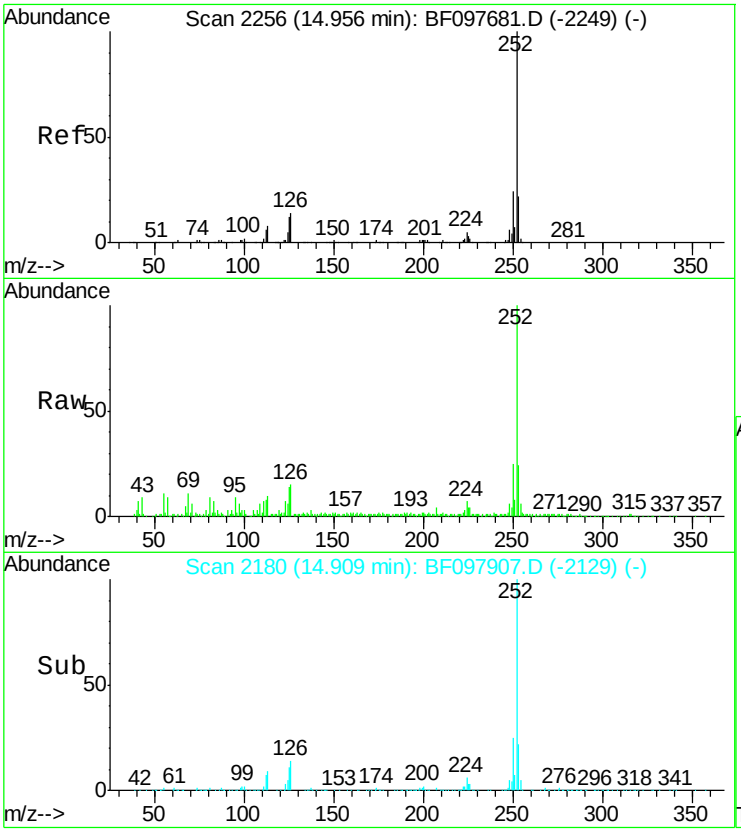


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:264 Resp: 198825

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.0	17.2	25.8



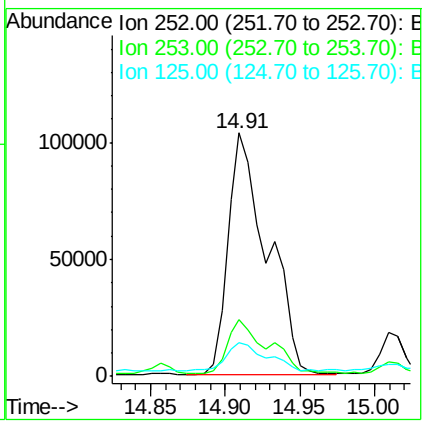


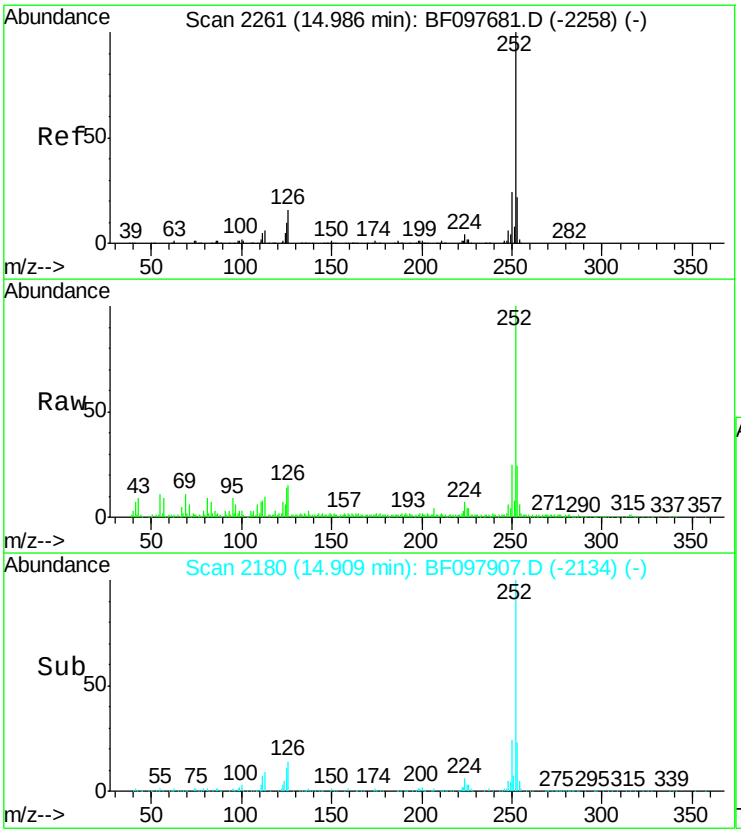
#87
Benzo(b)fluoranthene
Concen: 15.149 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:252 Resp: 189851

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	13.6	9.8	14.8

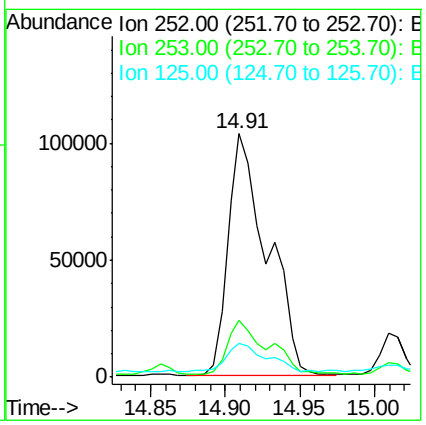


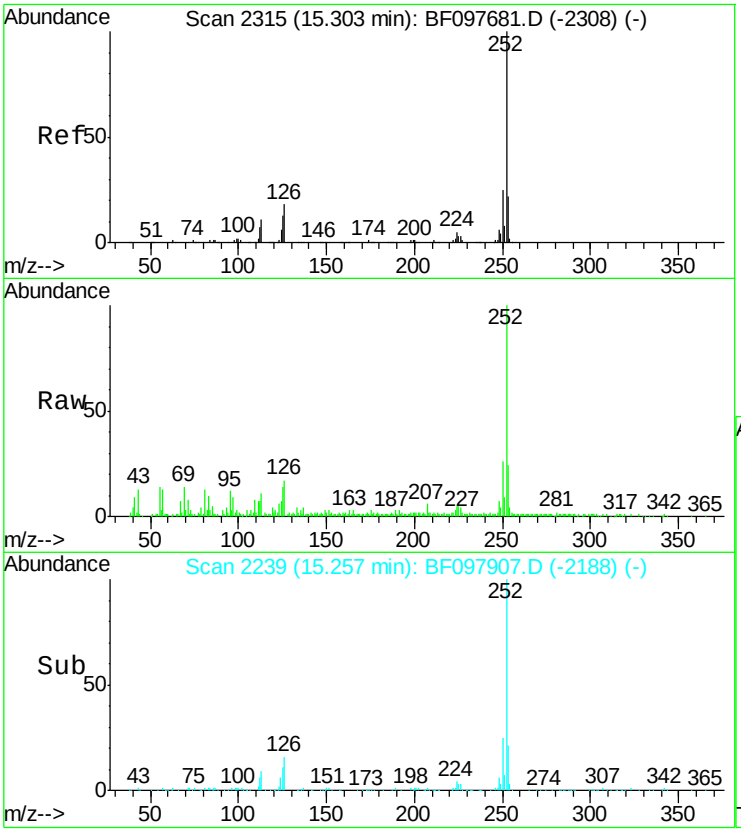


#88
Benzo(k)fluoranthene
Concen: 16.124 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:252 Resp: 189851

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	13.6	13.1	19.7



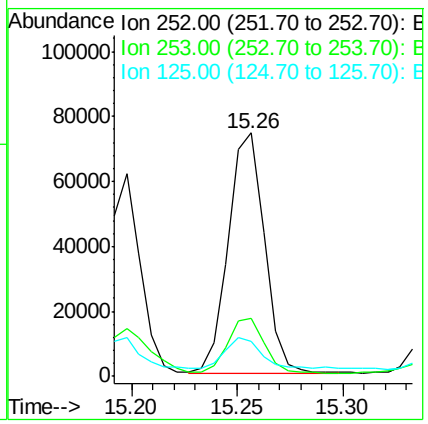


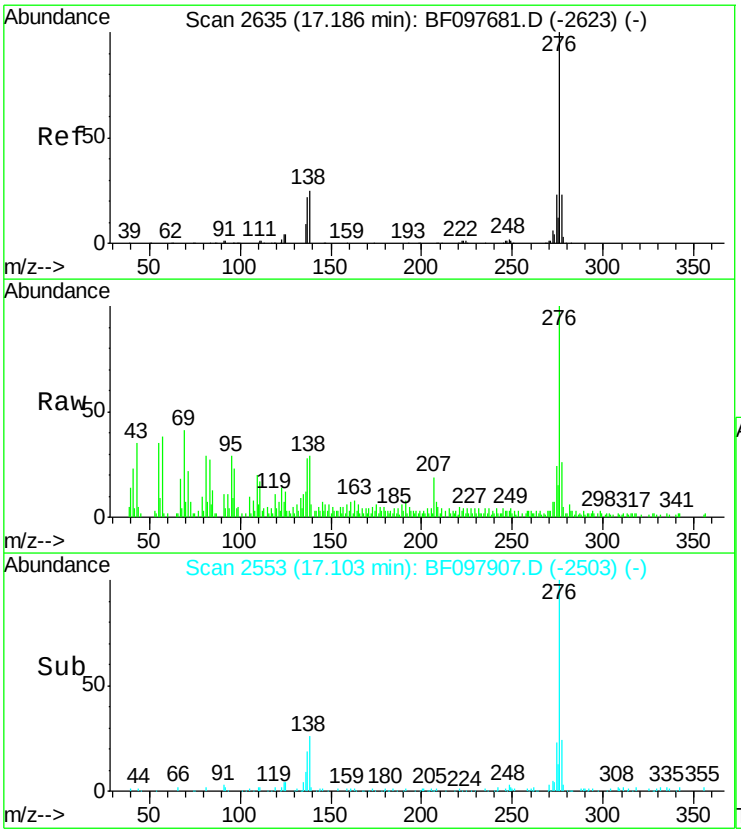
#89
Benzo(a)pyrene
Concen: 7.935 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Instrument :
BNA_F
ClientSampleId :
VNJ-207

Tgt Ion:252 Resp: 88035

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.730 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF097907.D
Acq: 21 Aug 2017 15:38

Tgt Ion:276 Resp: 44582

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	28.8	25.4	38.0