Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
Data File : BF116904.D
Acq On : 9 Sep 2019 18:45
Operator : HP/JU
Sample : K4755-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-3

Quant Time: Sep 10 03:01:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67712	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	274561	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	142302	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	241982	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	194521	20.00	ng		-0.01
87) Perylene-d12	15.44	264	194431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	434291	103.91	ng		-0.01
7) Phenol-d6	6.47	99	617656	112.54	ng		-0.01
23) Nitrobenzene-d5	7.39	82	373703	77.70	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	141253	148.48	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	651029	77.18	ng		-0.02
79) Terphenyl-d14	12.93	244	691295	65.74	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	49598	13.725	ng	#	71
25) Isophorone	7.39	82	373701	38.345	ng	#	66
50) Dimethylphthalate	9.58	163	83286	8.477	ng		98
57) 2,4-Dinitrotoluene	9.87	165	18465	8.056	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	120	7.565	ng	#	1
67) 4-Bromophenyl-phenylether	10.65	248	8805	3.582	ng	#	1
71) Phenanthrene	11.37	178	114166	8.475	ng		97
75) Fluoranthene	12.56	202	204898	15.478	ng		98
78) Pyrene	12.79	202	180832	10.458	ng		99
81) Benzo(a)anthracene	13.97	228	78675	6.391	ng		99
83) Chrysene	14.01	228	80074	6.313	ng		96
84) Bis(2-ethylhexyl)phthalate	13.96	149	27734	2.672	ng		94
86) Indeno(1,2,3-cd)pyrene	16.88	276	54411	5.341	ng		99
88) Benzo(b)fluoranthene	15.02	252	176454	15.011	ng		97
89) Benzo(k)fluoranthene	15.02	252	176454	16.463	ng		98
90) Benzo(a)pyrene	15.37	252	80131	7.835	ng		99
92) Benzo(g,h,i)perylene	17.32	276	51671	5.660	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
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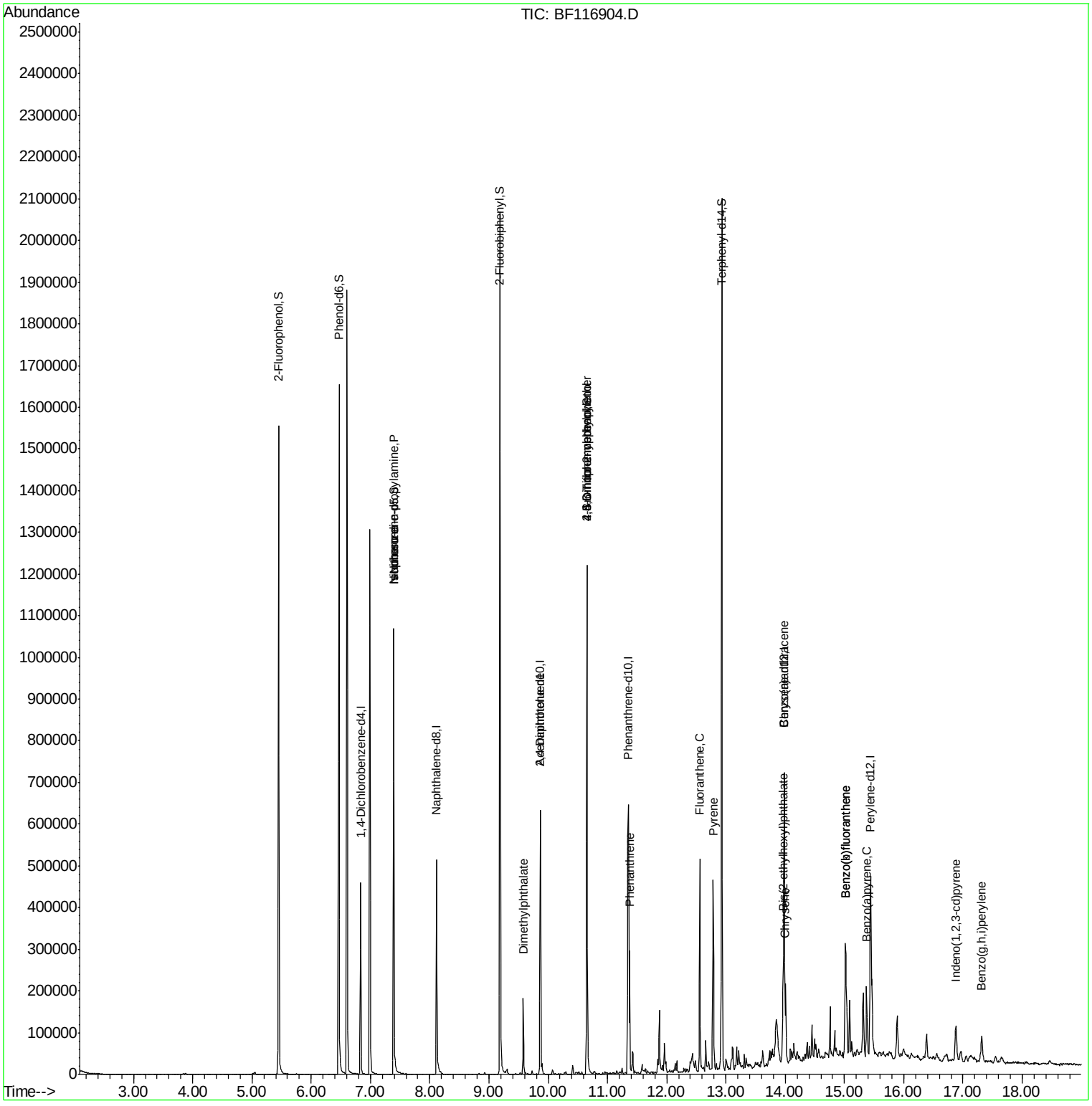
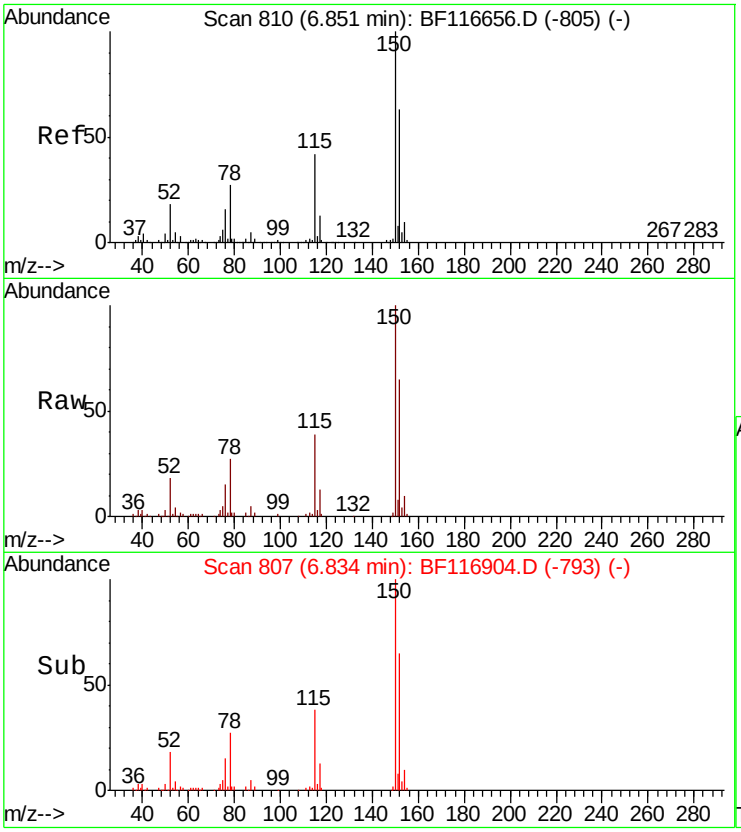


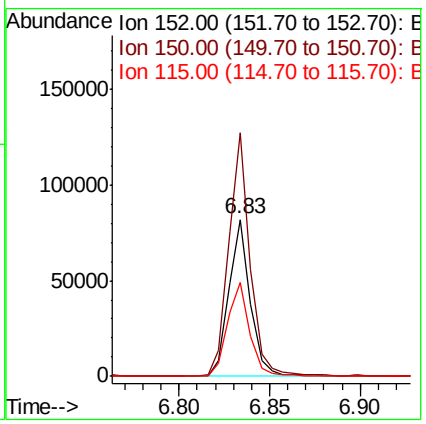


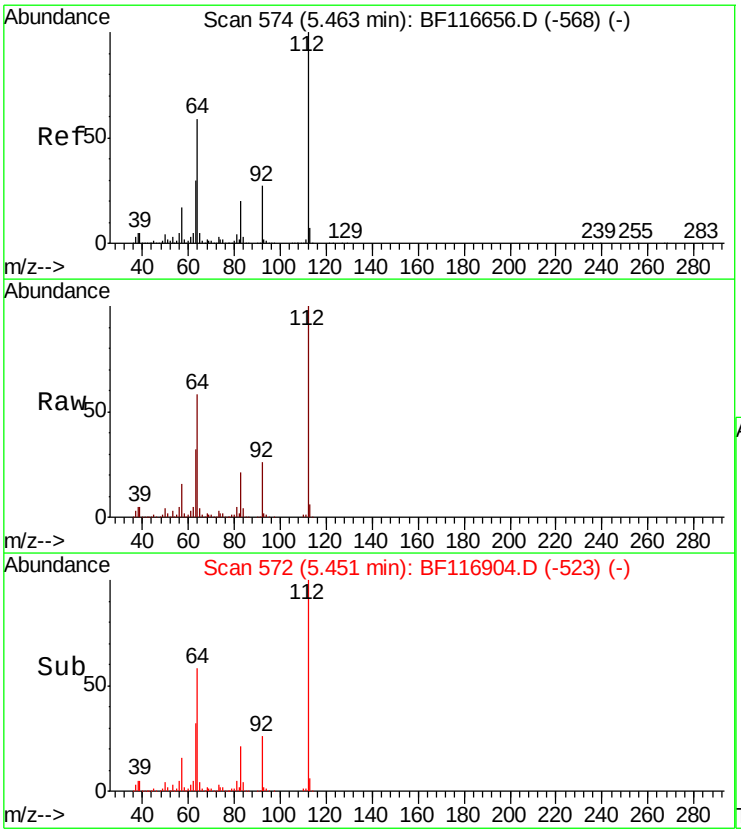
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:152 Resp: 67712

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.4	186.6
115	59.8	49.9	74.9

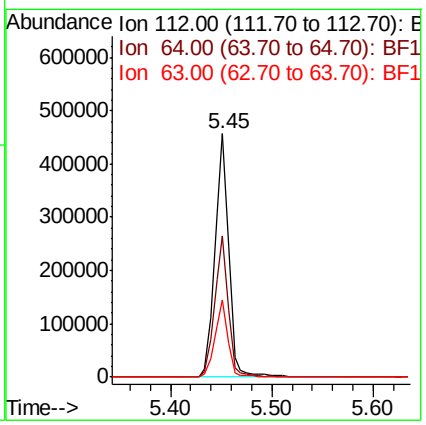


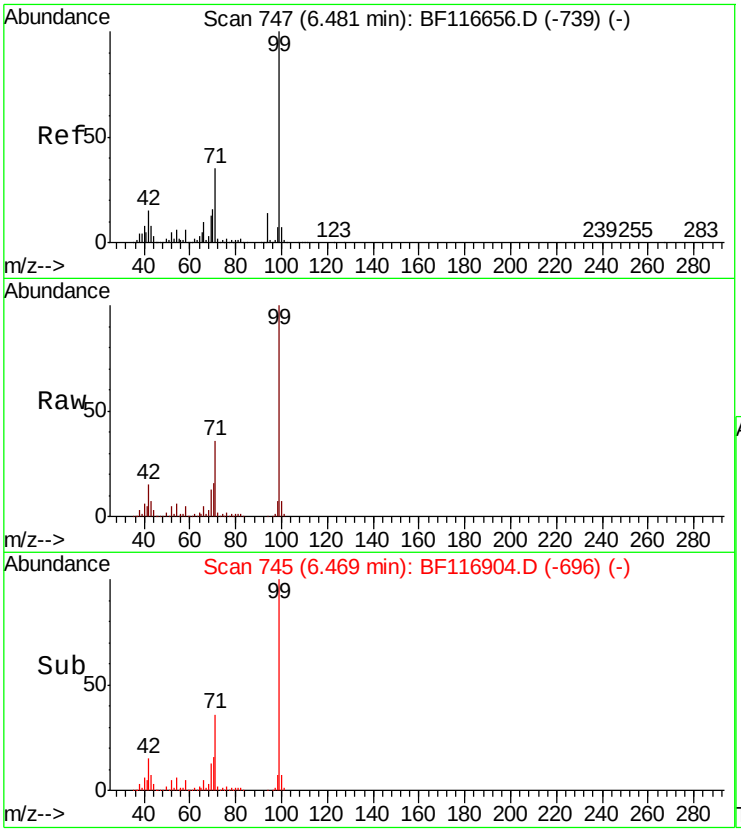


#5
2-Fluorophenol
Concen: 103.907 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:112 Resp: 434291

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	31.6	24.9	37.3



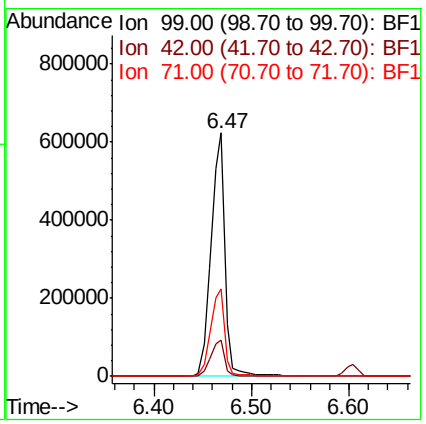


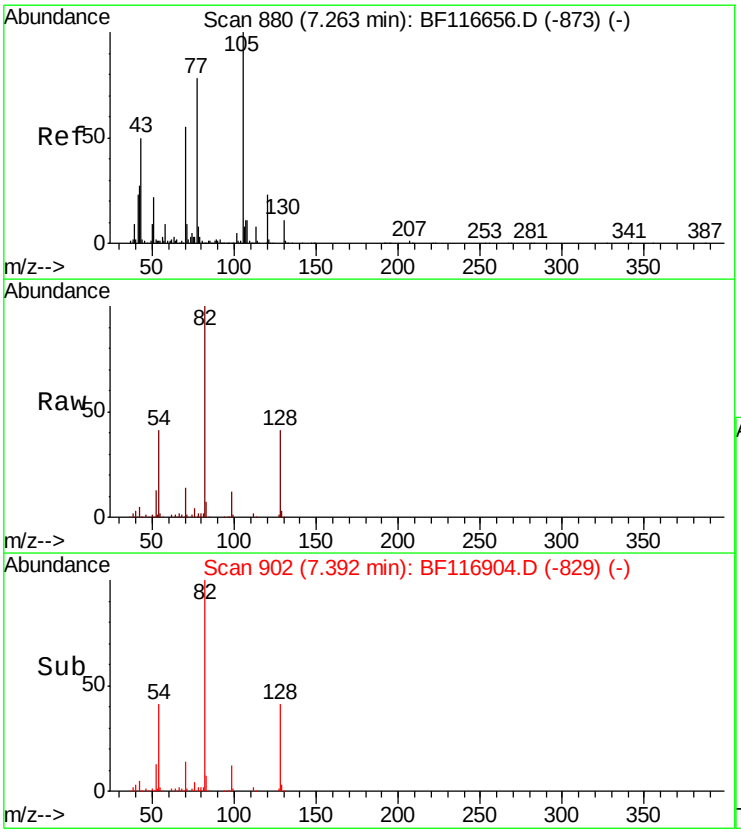
#7
Phenol-d6
Concen: 112.541 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion: 99 Resp: 617656

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	35.9	30.8	46.2

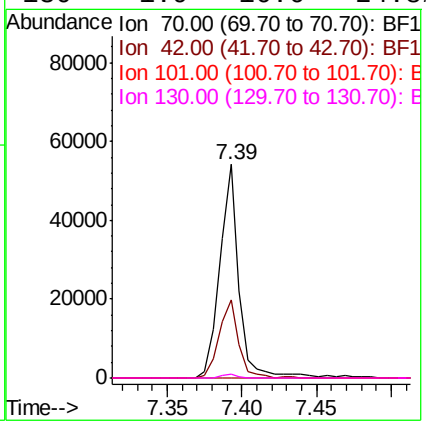


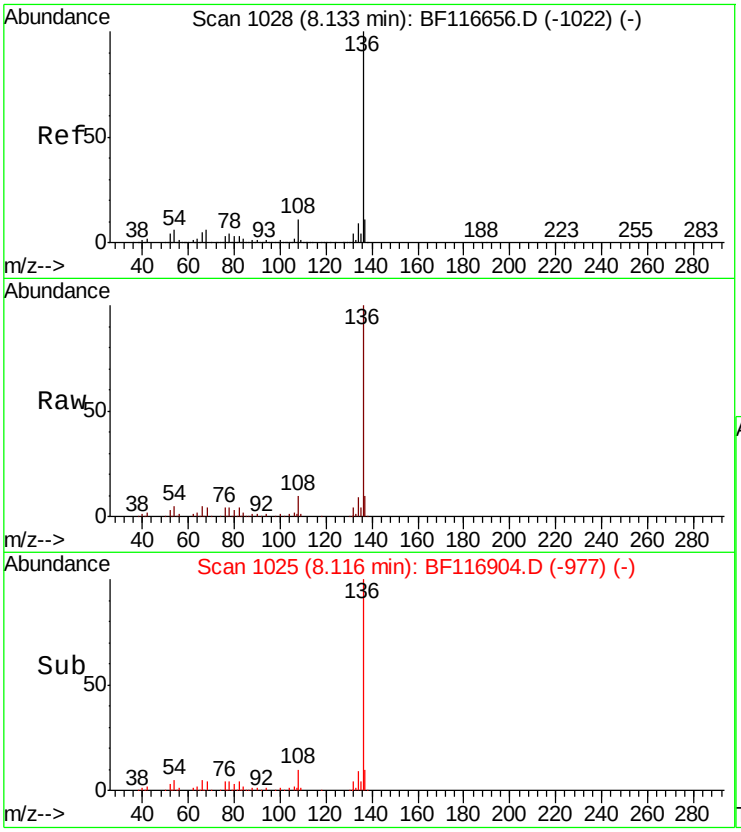


#19
n-Nitroso-di-n-propylamine
Concen: 13.725 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion: 70 Resp: 49598

Ion	Ratio	Lower	Upper
70	100		
42	36.8	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



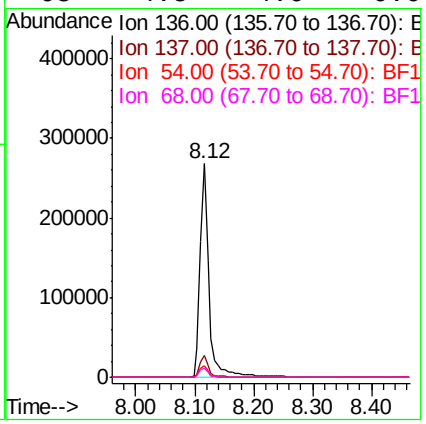


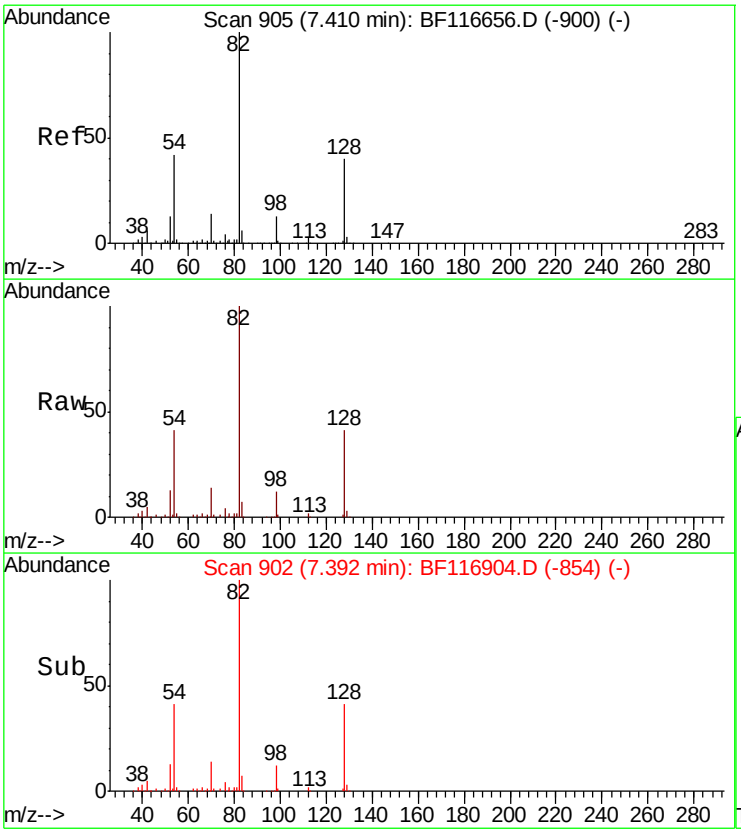
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument : BNA_F
ClientSampleId : RO-1-3

Tgt Ion:136 Resp: 274561

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.1	4.8	7.2
68	4.5	4.0	6.0

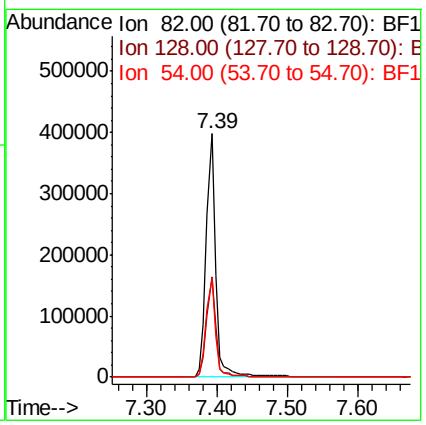


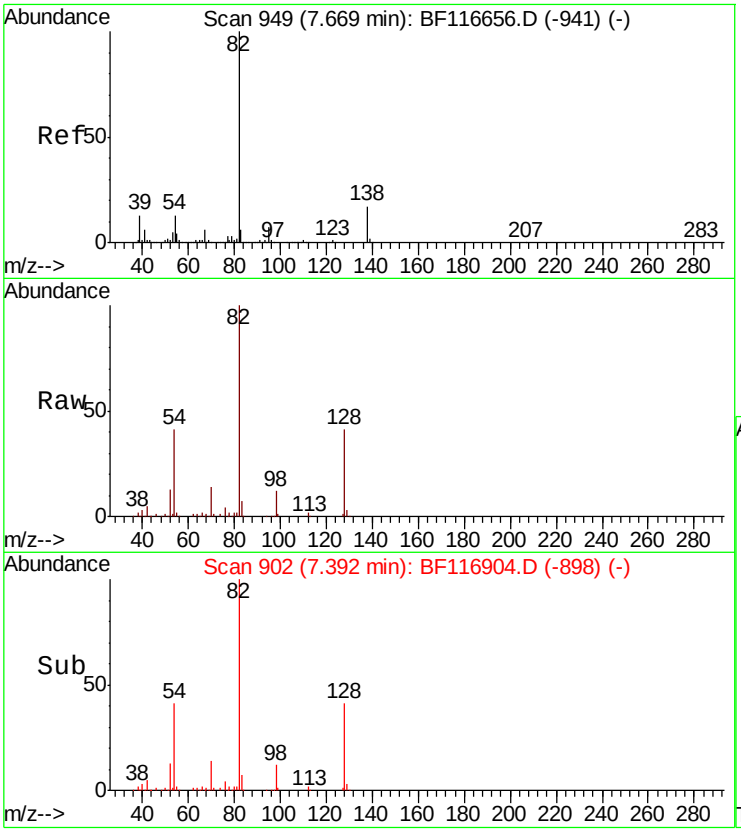


#23
Nitrobenzene-d5
Concen: 77.701 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion: 82 Resp: 373703

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	40.7	36.9	55.3



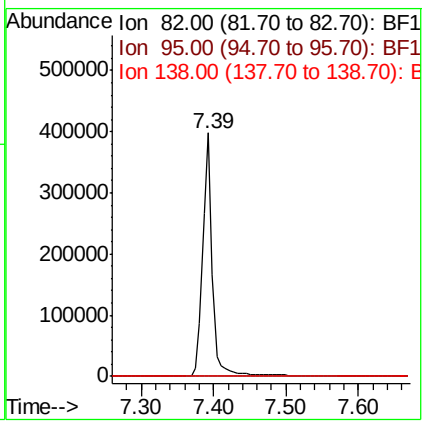


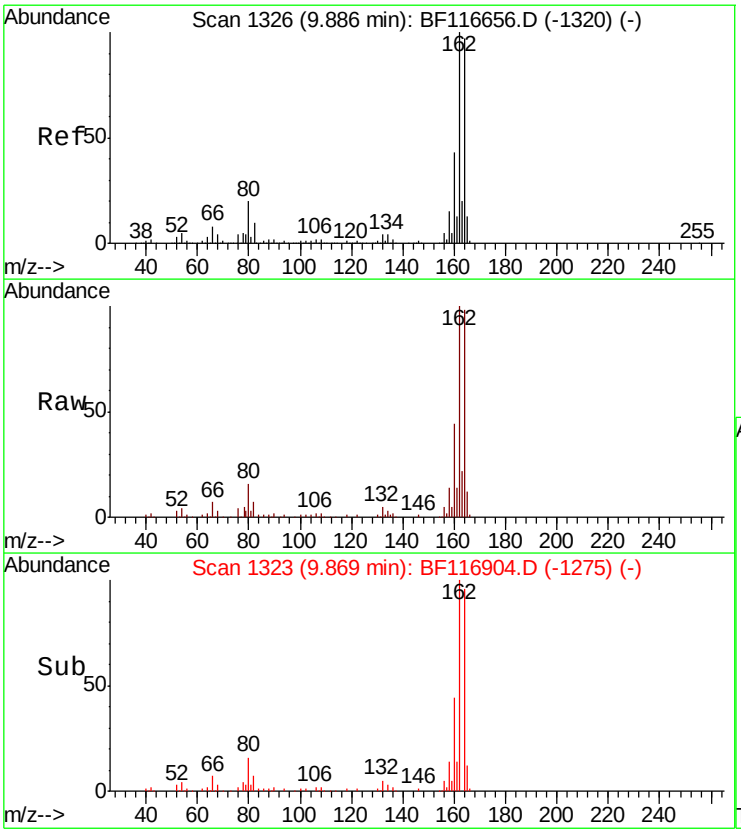
#25
Isophorone
Concen: 38.345 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion: 82 Resp: 373701

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

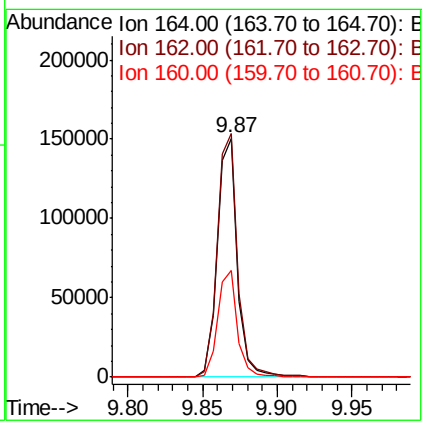


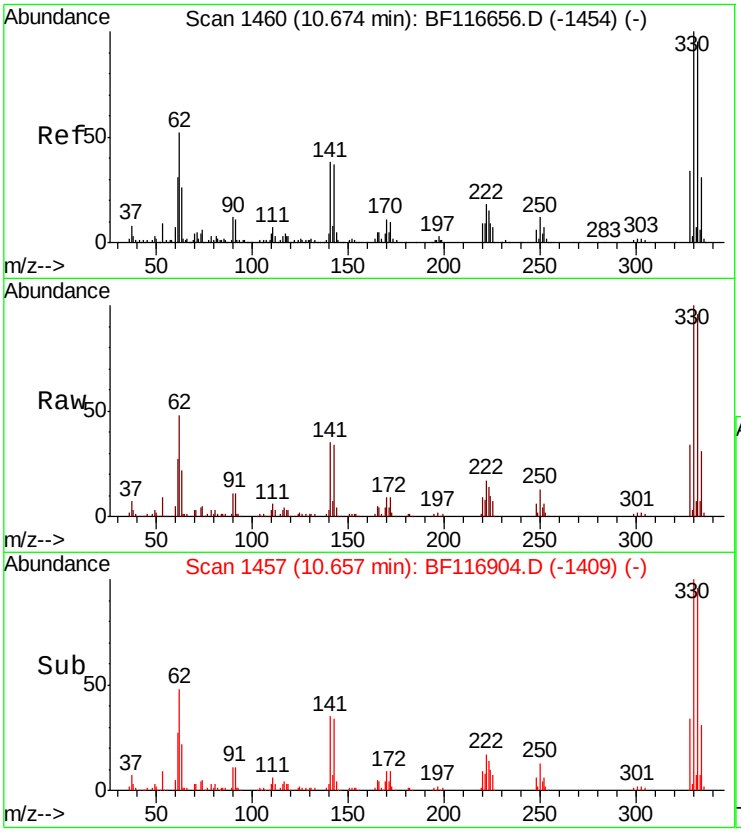


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:164 Resp: 142302

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	44.6	35.4	53.2



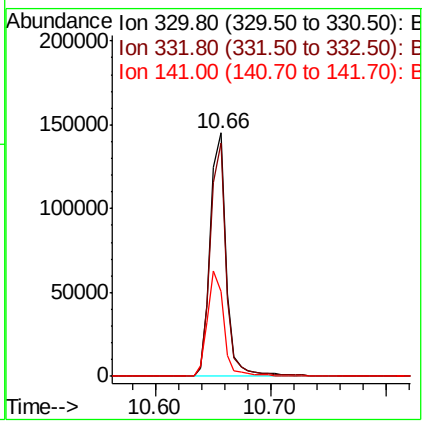


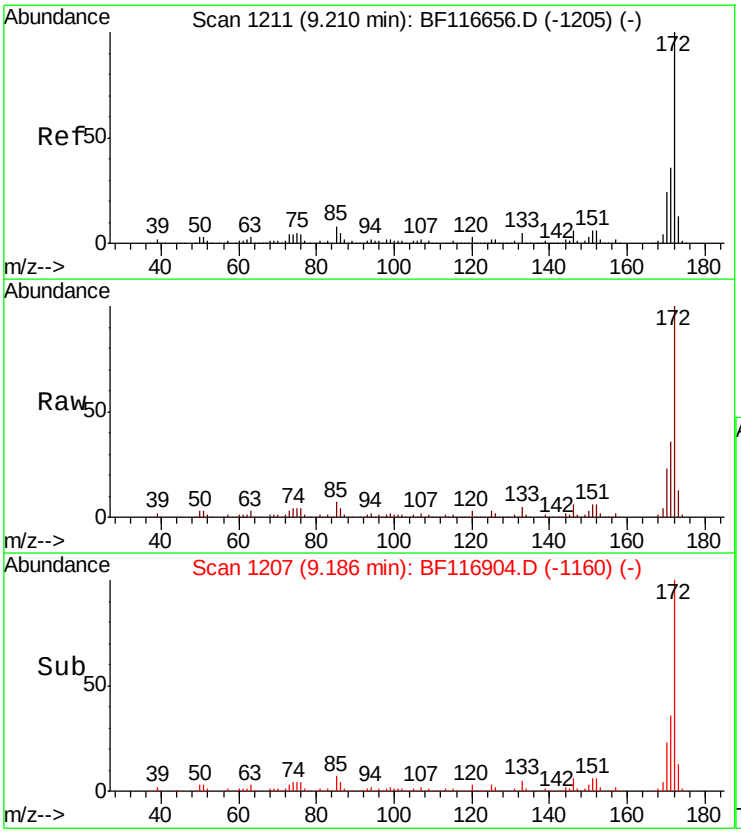
#42
2,4,6-Tribromophenol
Concen: 148.481 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:330 Resp: 141253

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	44.4	31.4	47.2

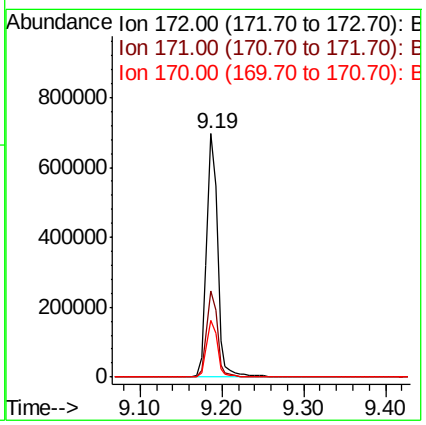


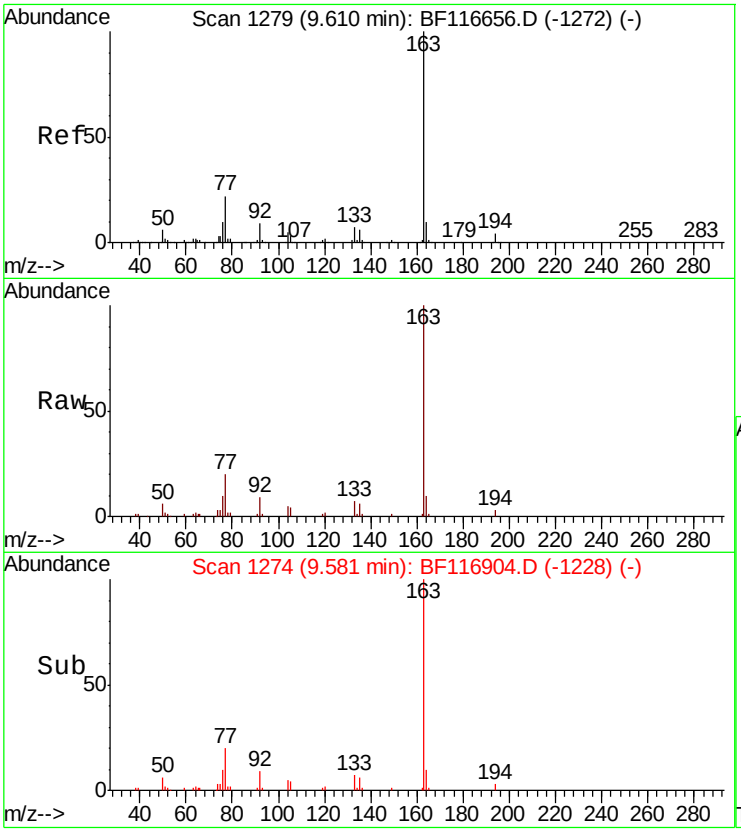


#45
2-Fluorobiphenyl
Concen: 77.175 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:172 Resp: 651029

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.3	18.9	28.3



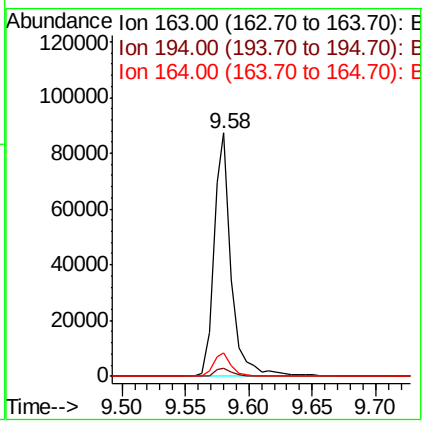


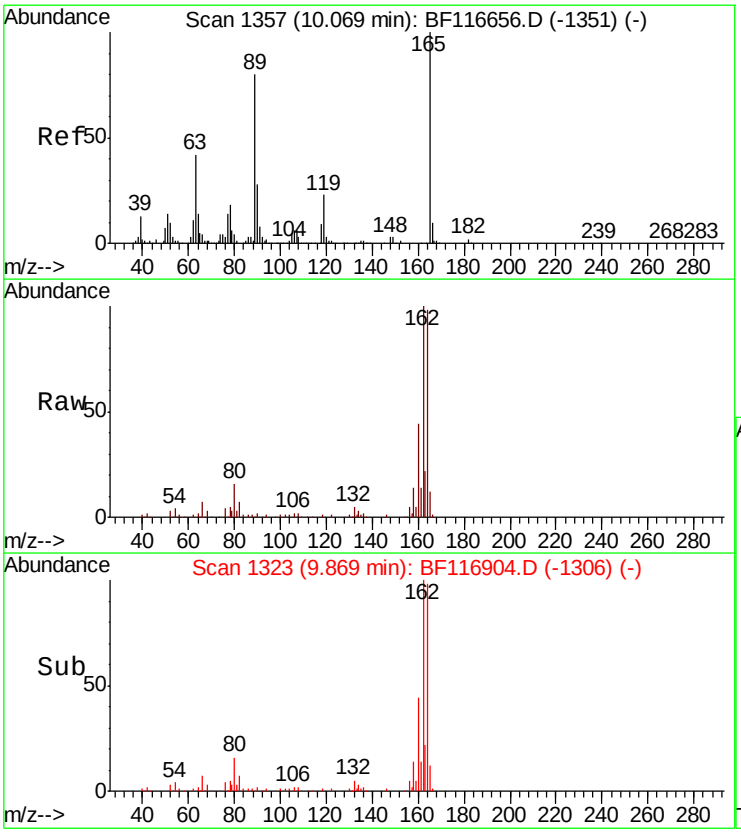
#50
Dimethylphthalate
Concen: 8.477 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:163 Resp: 83286

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.6	12.8

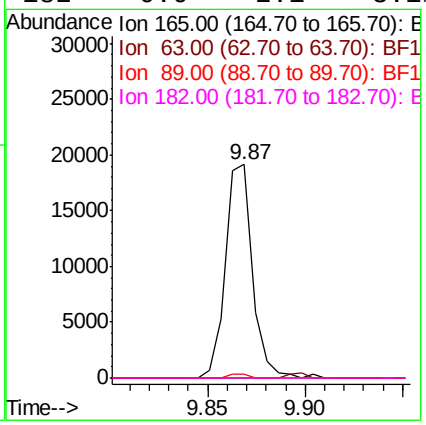


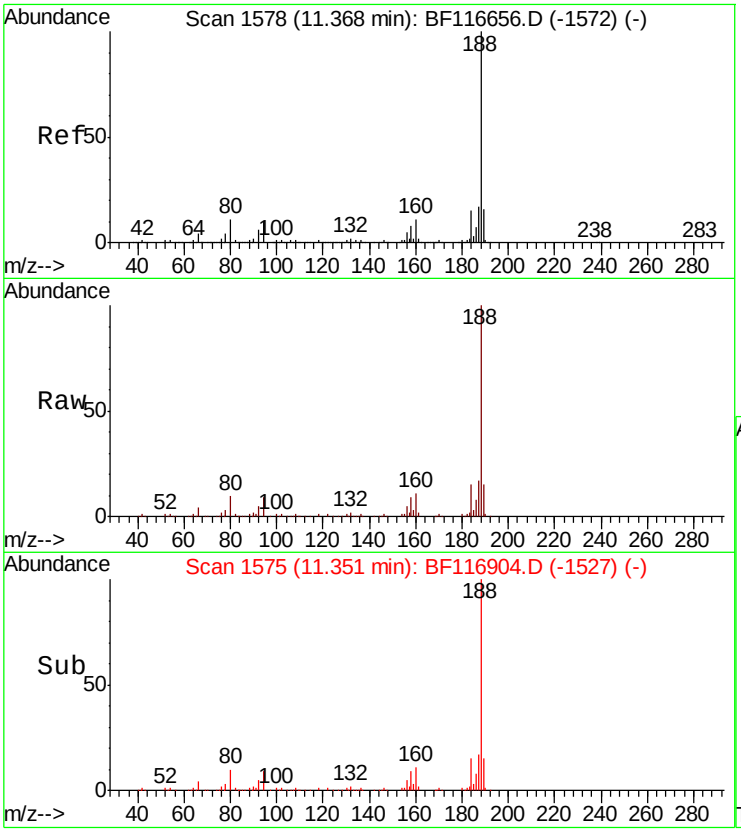


#57
2,4-Dinitrotoluene
Concen: 8.056 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.20 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:165 Resp: 18465

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	62.6	94.0#
182	0.0	2.1	3.1#



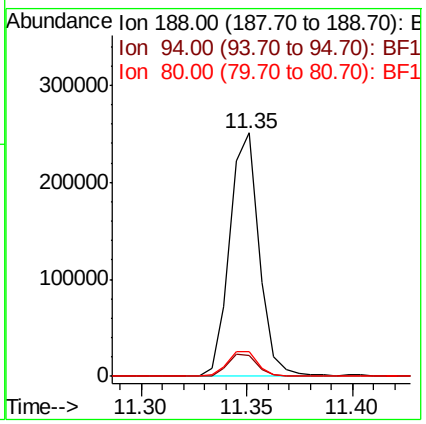


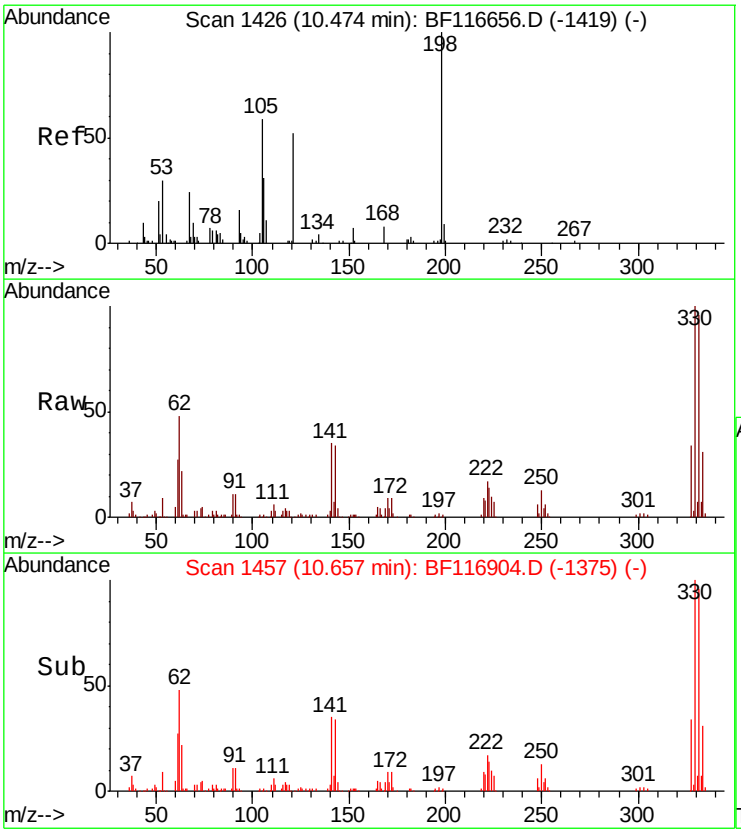
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:188 Resp: 241982

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	10.2	8.4	12.6

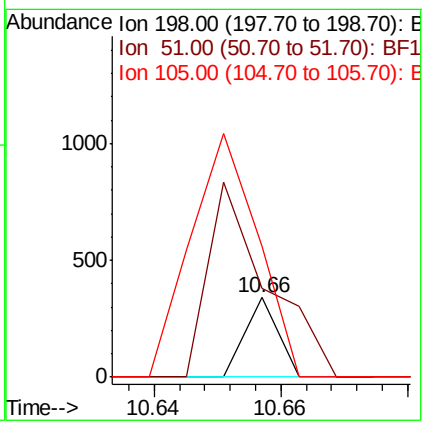


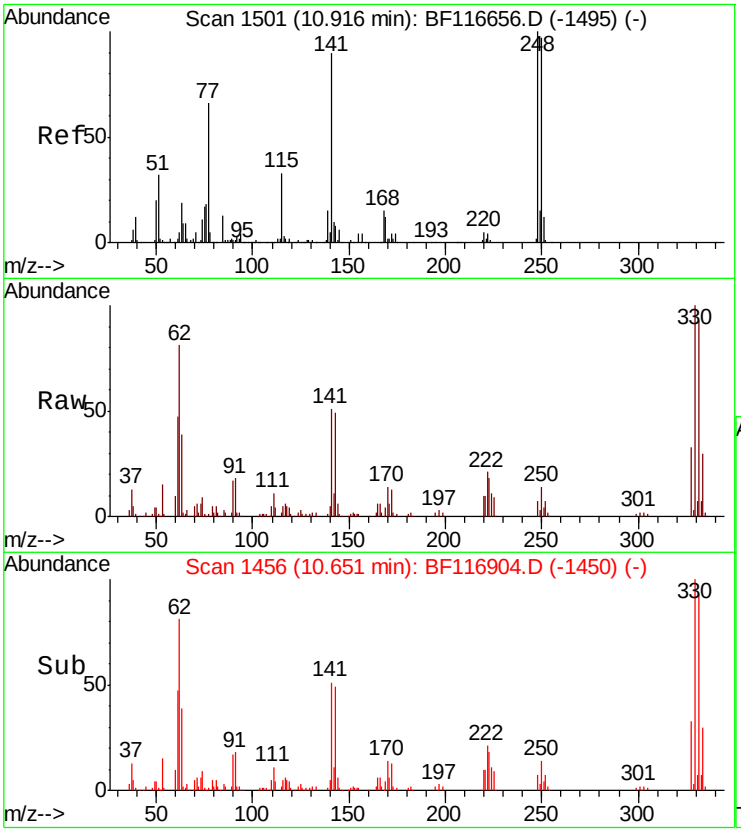


#65
4,6-Dinitro-2-methylphenol
Concen: 7.565 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.18 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:198 Resp: 120

Ion	Ratio	Lower	Upper
198	100		
51	112.0	18.4	58.4#
105	163.9	22.9	62.9#



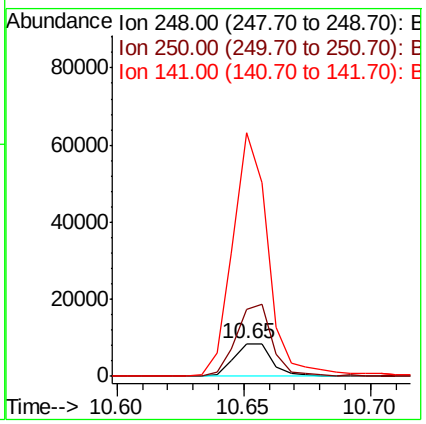


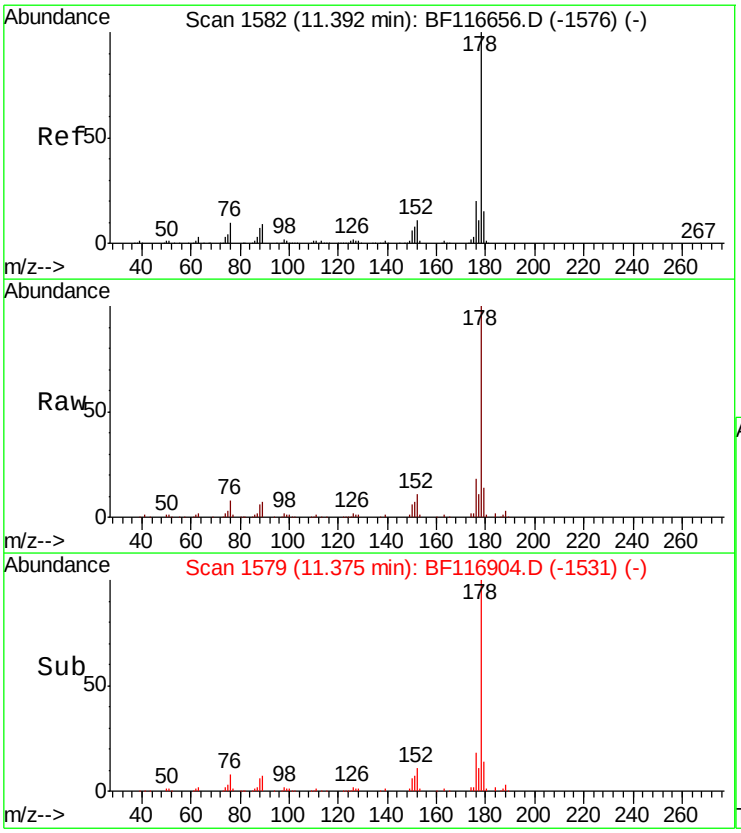
#67
4-Bromophenyl-phenylether
Concen: 3.582 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:248 Resp: 8805

Ion	Ratio	Lower	Upper
248	100		
250	207.1	77.8	116.8#
141	747.9	75.9	113.9#

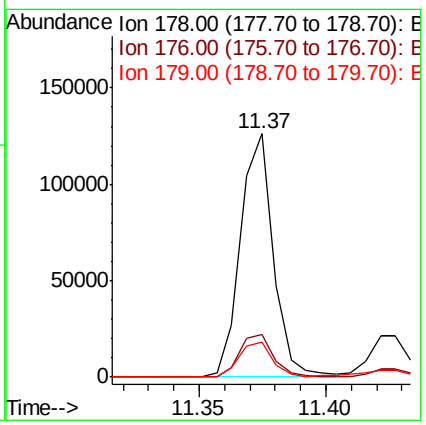


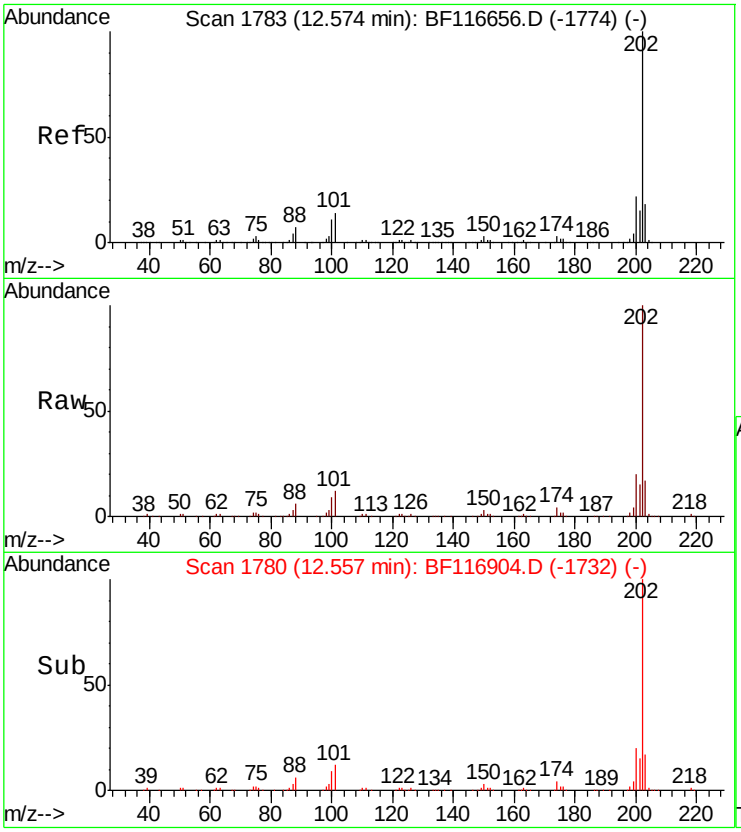


#71
Phenanthrene
Concen: 8.475 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:178 Resp: 114166

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	14.4	12.2	18.2



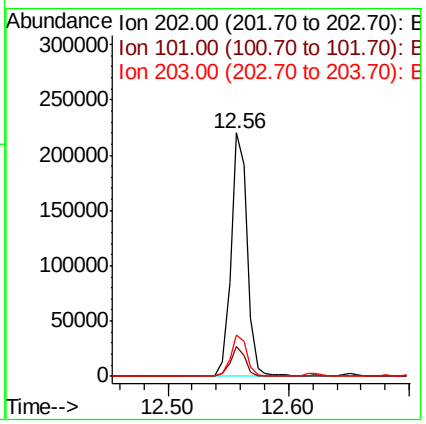


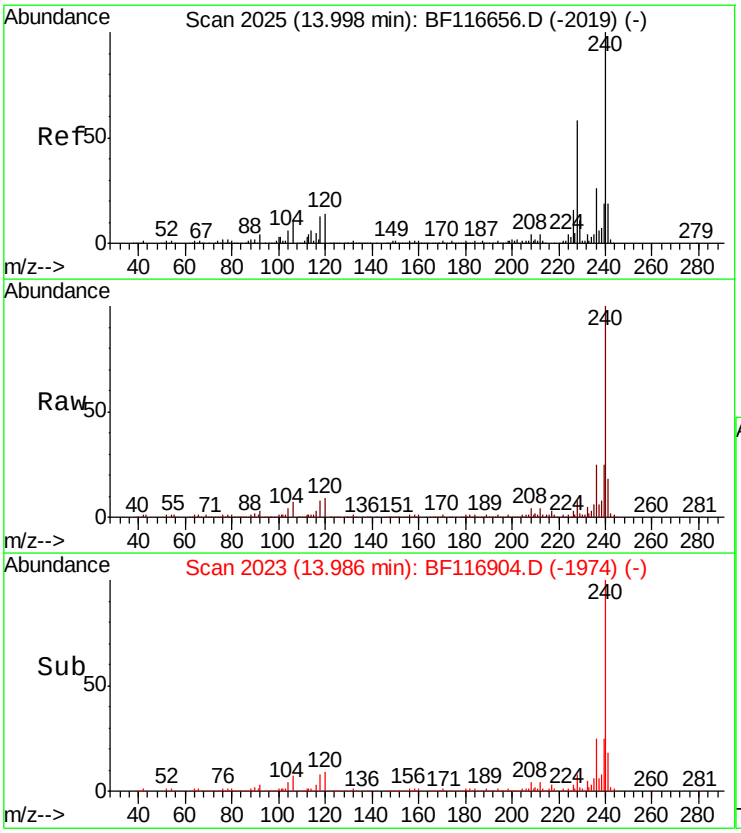
#75
Fluoranthene
Concen: 15.478 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:202 Resp: 204898

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	16.8	0.0	37.6

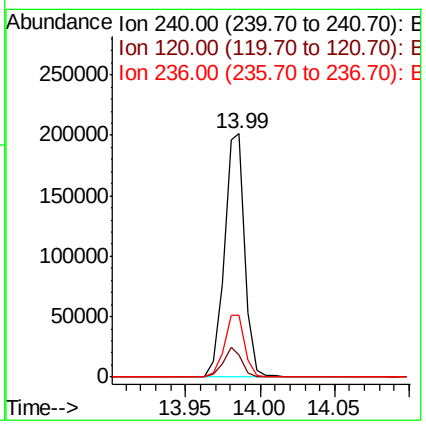


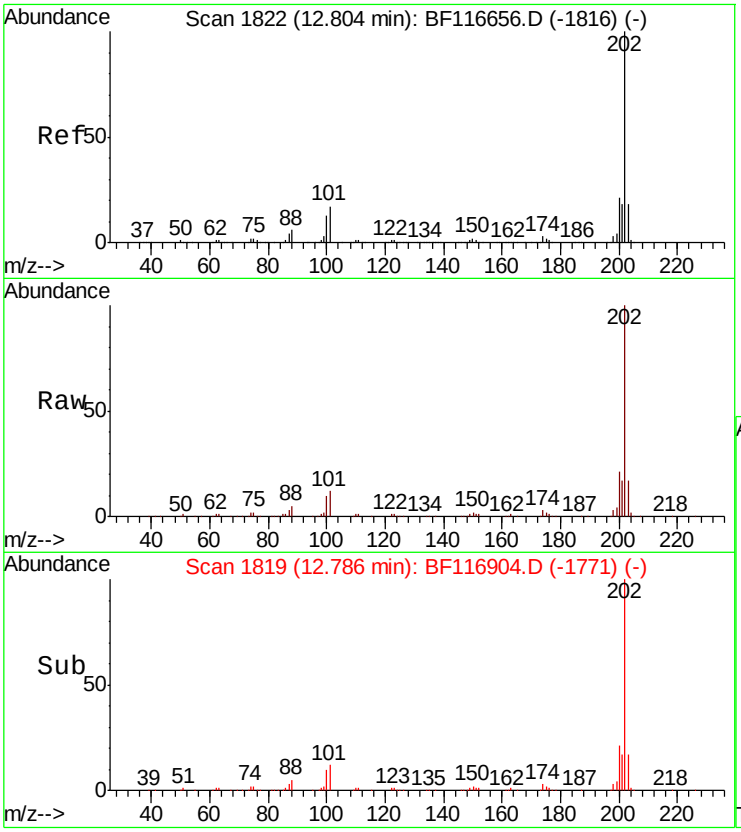


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:240 Resp: 194521

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.1	13.7
236	25.4	21.1	31.7



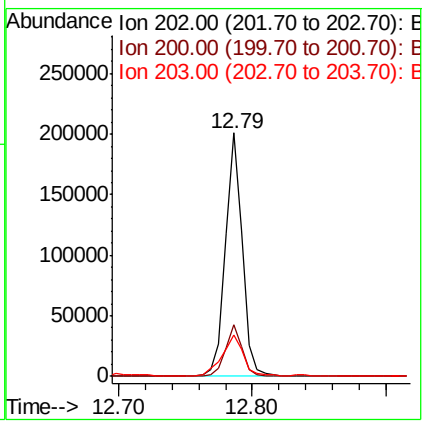


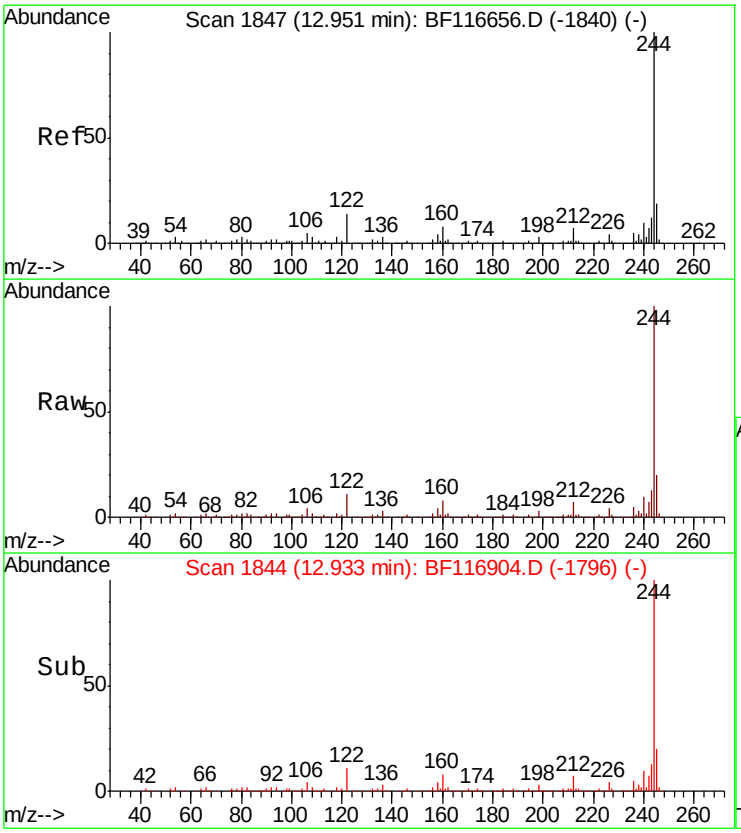
#78
Pyrene
Concen: 10.458 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:202 Resp: 180832

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.5	24.7
203	17.2	13.7	20.5

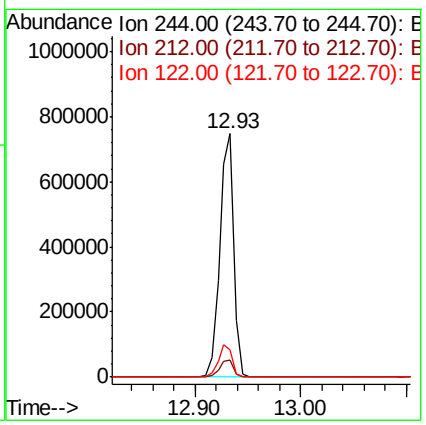


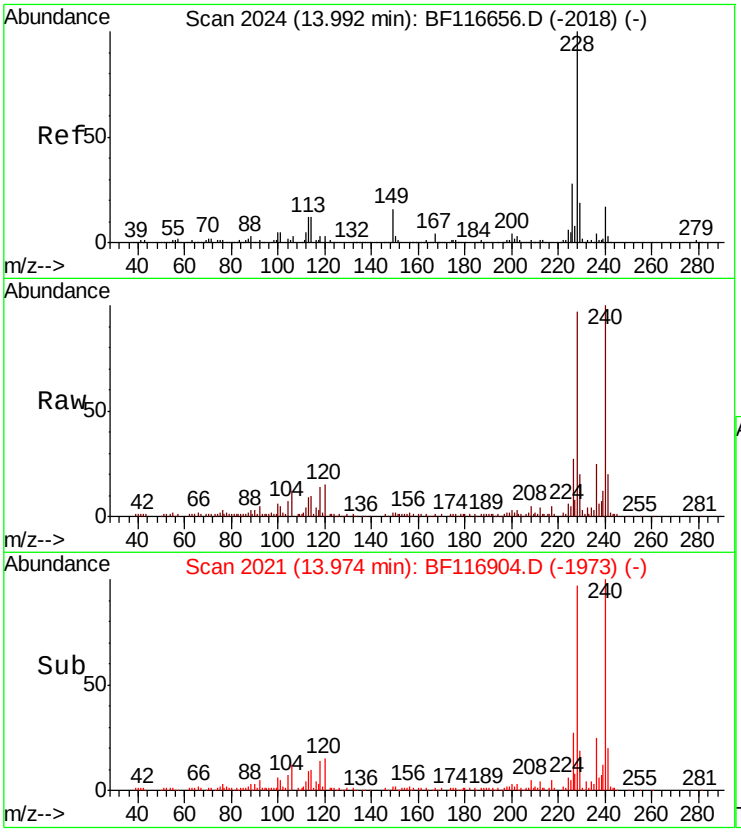


#79
Terphenyl-d14
Concen: 65.744 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:244 Resp: 691295

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	11.3	10.2	15.4



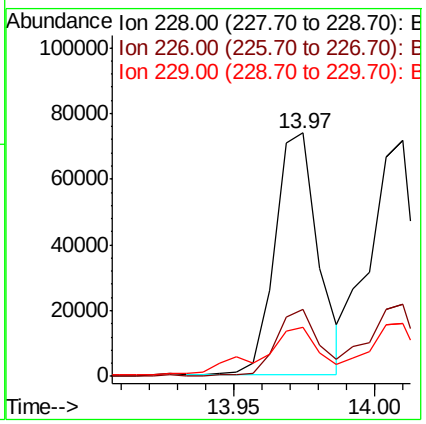


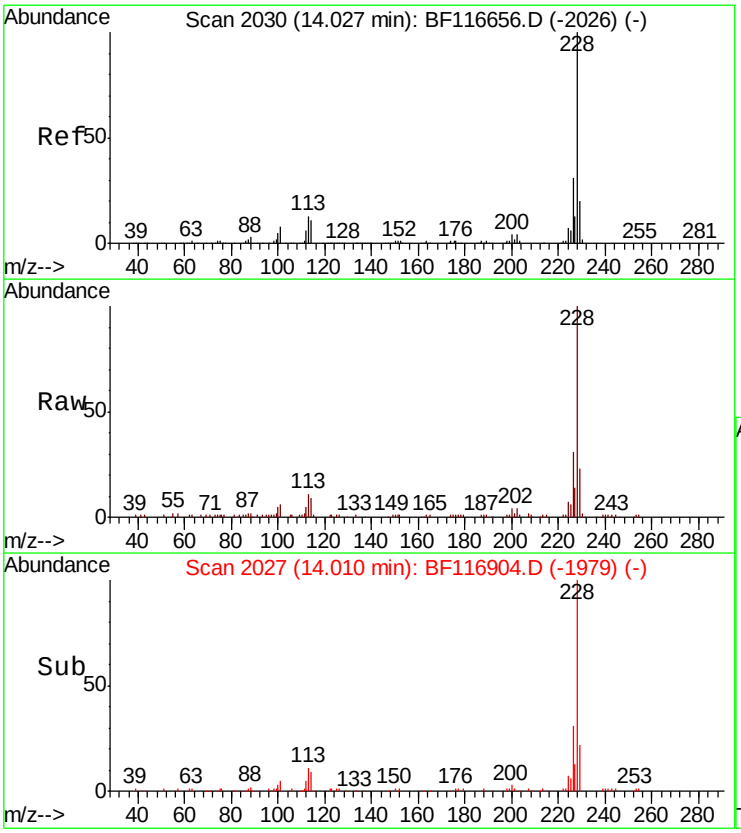
#81
Benzo(a)anthracene
Concen: 6.391 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:228 Resp: 78675

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.0	16.4	24.6

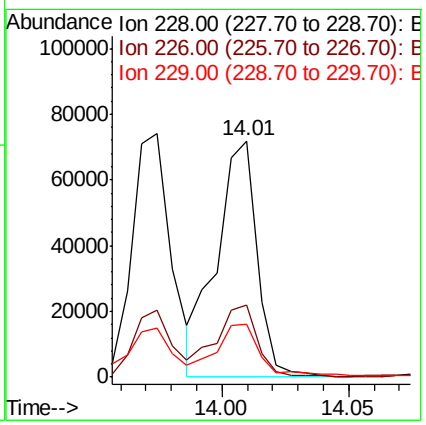


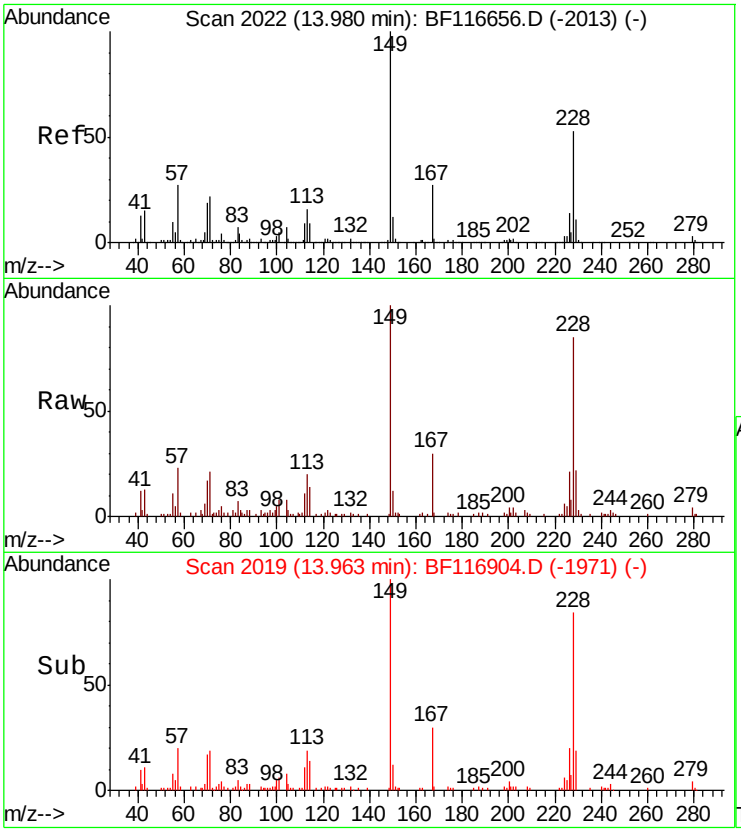


#83
Chrysene
Concen: 6.313 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:228 Resp: 80074

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.6	15.4	23.0



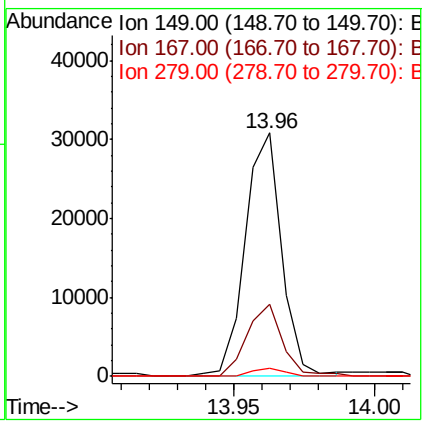


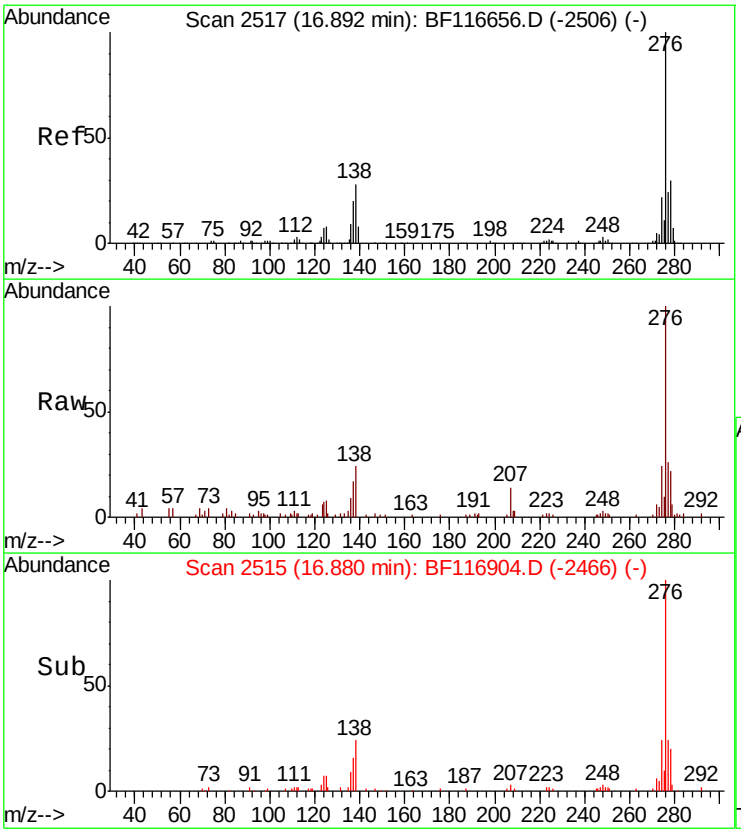
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.672 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:149 Resp: 27734

Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.0	31.4
279	3.5	2.8	4.2

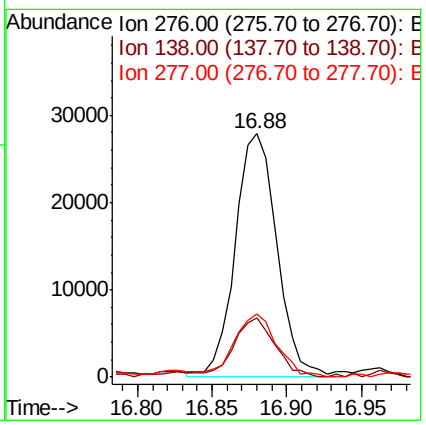


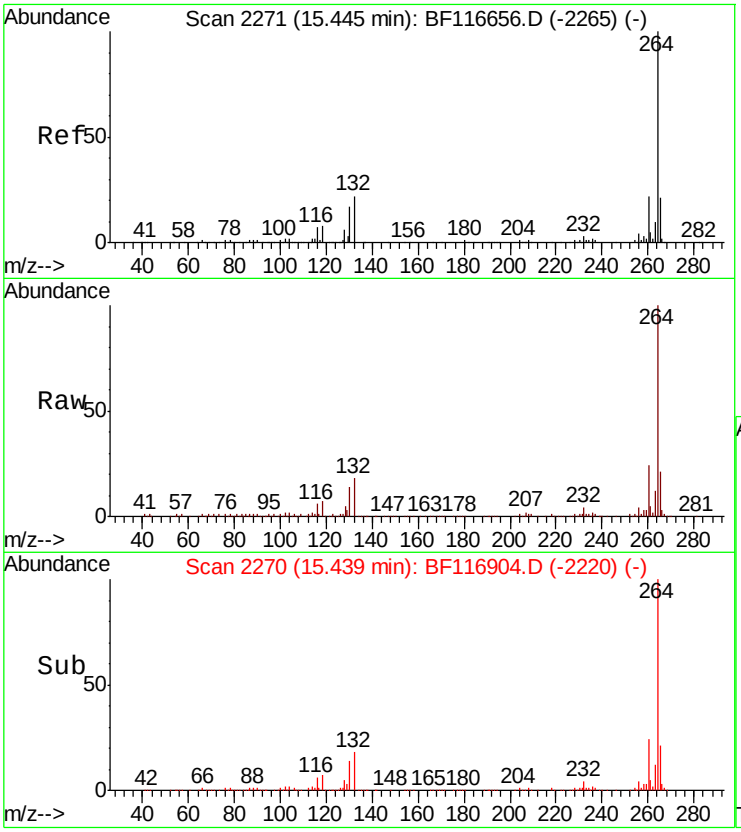


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.341 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:276 Resp: 54411

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.4	29.2
277	26.1	20.5	30.7



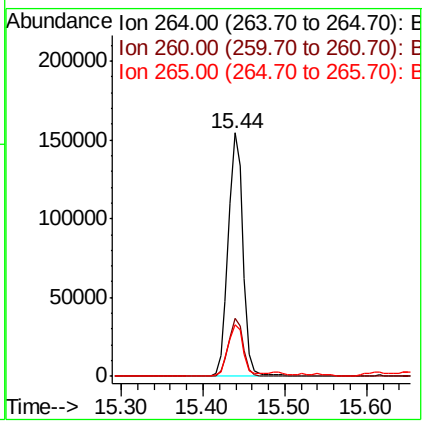


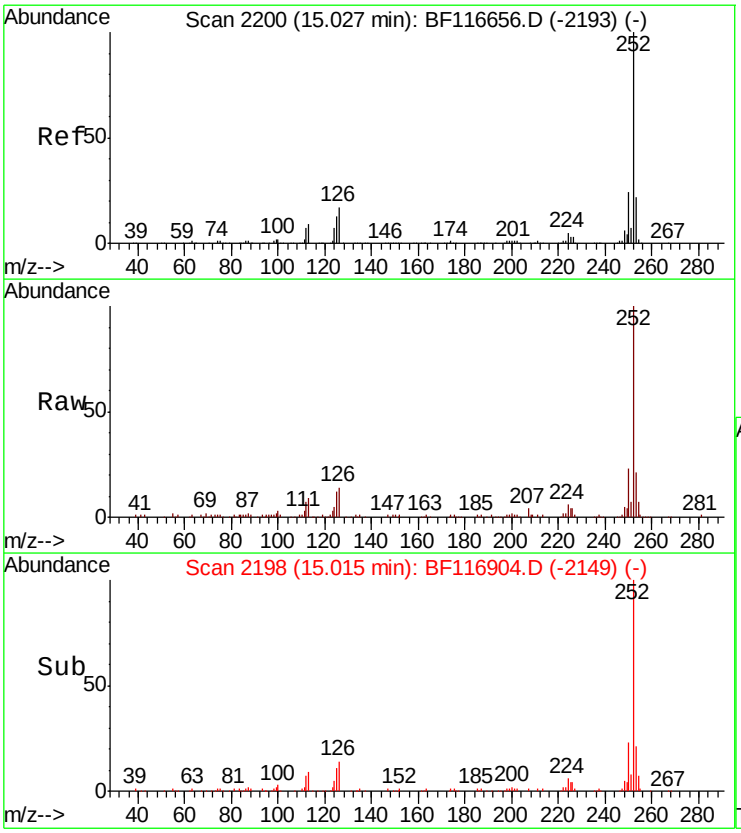
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:264 Resp: 194431

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.2	16.5	24.7

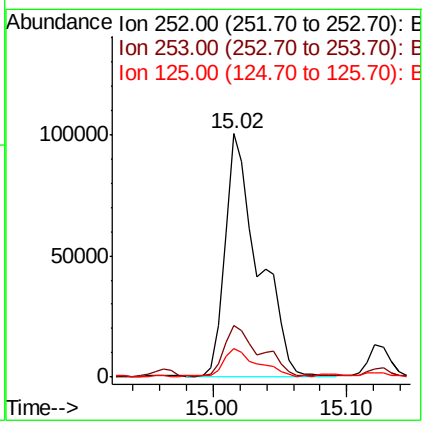


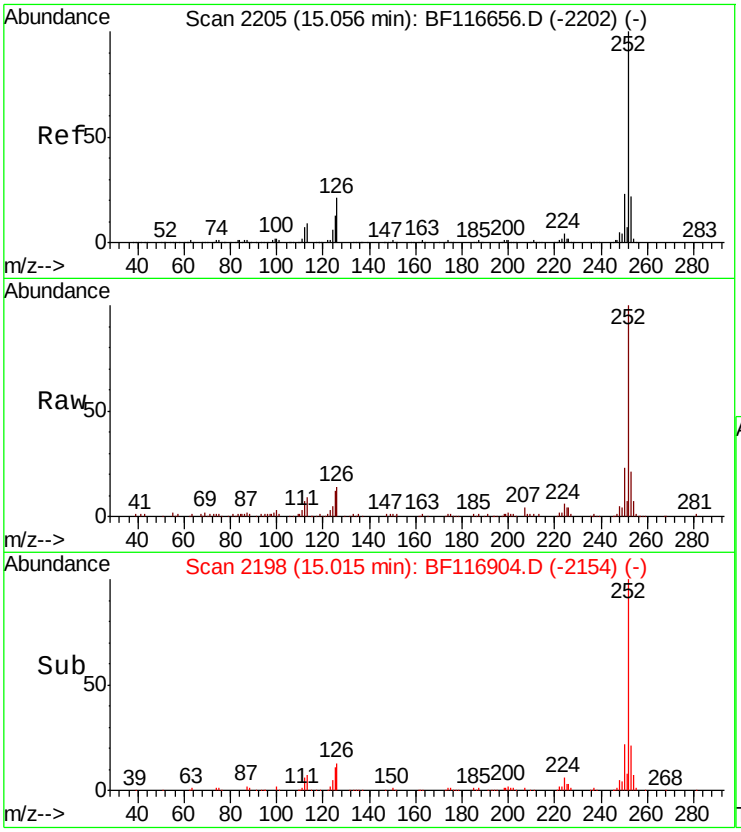


#88
Benzo(b)fluoranthene
Concen: 15.011 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:252 Resp: 176454

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	11.8	8.2	12.2



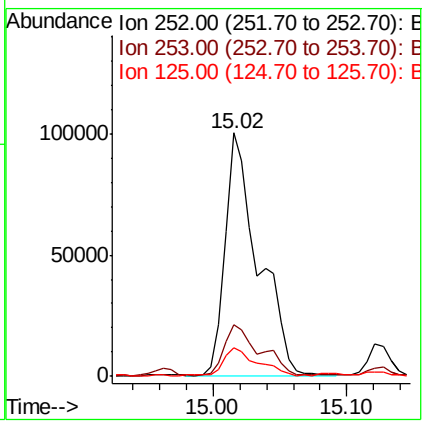


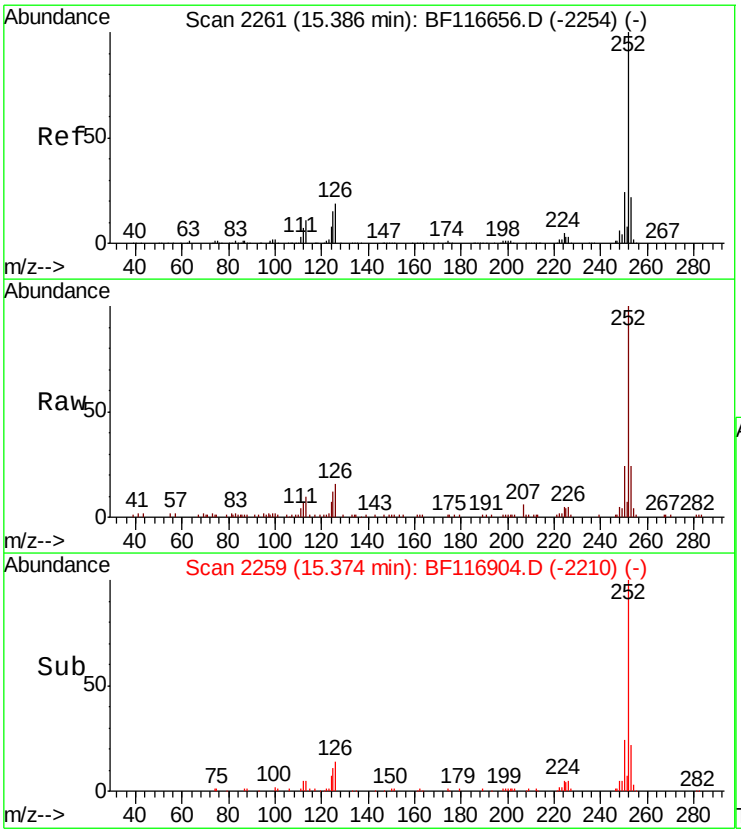
#89
Benzo(k)fluoranthene
Concen: 16.463 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:252 Resp: 176454

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	11.8	8.6	13.0

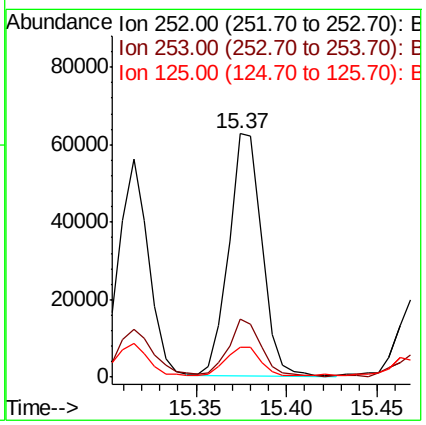


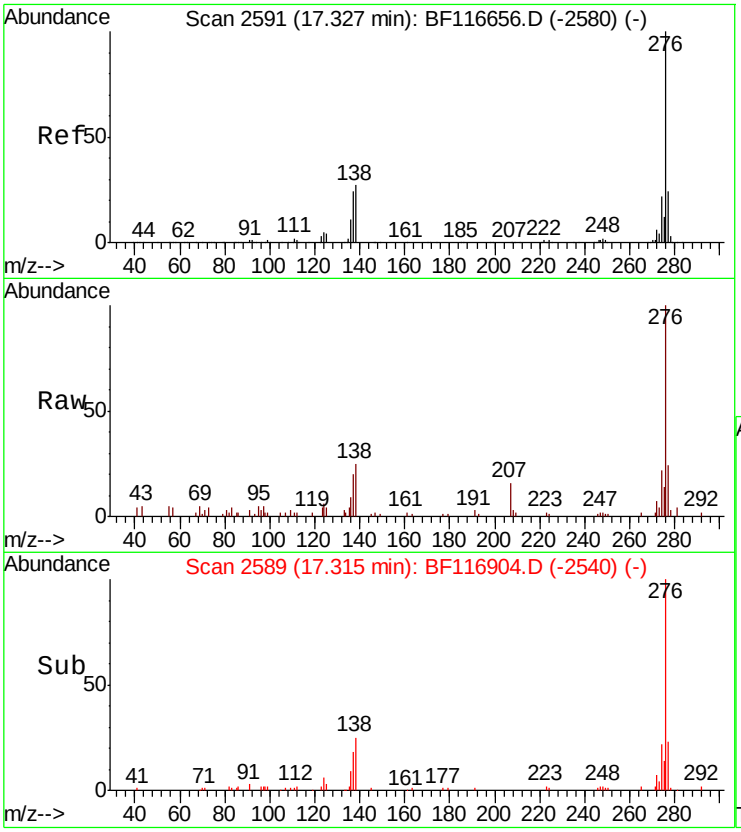


#90
Benzo(a)pyrene
Concen: 7.835 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Tgt Ion:252 Resp: 80131

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	12.3	9.8	14.8





#92
Benzo(g,h,i)perylene
Concen: 5.660 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116904.D
Acq: 9 Sep 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RO-1-3

Tgt Ion:276 Resp: 51671

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	24.7	16.2	24.2#