Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111461.D
Acq On : 15 Dec 2018 11:50
Operator : JU/SJ
Sample : J6208-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Time: Dec 16 00:41:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	175394	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	714612	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	324915	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	508793	20.00	ng		0.00
76) Chrysene-d12	13.95	240	358695	20.00	ng		0.00
87) Perylene-d12	15.39	264	375169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	921250	87.40	ng		0.00
7) Phenol-d6	6.44	99	1168316	83.33	ng		0.00
23) Nitrobenzene-d5	7.35	82	726541	60.54	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	191405	65.76	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1129245	53.68	ng		0.00
79) Terphenyl-d14	12.90	244	780919	51.12	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	70439	4.510	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	94353	10.201	ng	#	84
25) Isophorone	7.35	82	726536	35.781	ng	#	64
50) Dimethylphthalate	9.55	163	91147	3.895	ng		97
51) 2,6-Dinitrotoluene	9.83	165	42106	7.994	ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	42106	6.091	ng	#	24
67) 4-Bromophenyl-phenylether	10.62	248	12835	2.341	ng	#	1
71) Phenanthrene	11.33	178	155012	5.913	ng		93
75) Fluoranthene	12.52	202	234556	9.145	ng		96
78) Pyrene	12.75	202	219373	8.675	ng		94
81) Benzo(a)anthracene	13.94	228	115198	5.906	ng		99
83) Chrysene	13.97	228	101224	4.927	ng		96
86) Indeno(1,2,3-cd)pyrene	16.80	276	46606	3.143	ng	#	90
88) Benzo(b)fluoranthene	14.97	252	169316	7.741	ng	#	97
89) Benzo(k)fluoranthene	14.97	252	169316	8.101	ng	#	96
90) Benzo(a)pyrene	15.33	252	94907	4.812	ng		97
92) Benzo(g,h,i)perylene	17.23	276	44188	2.893	ng		97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

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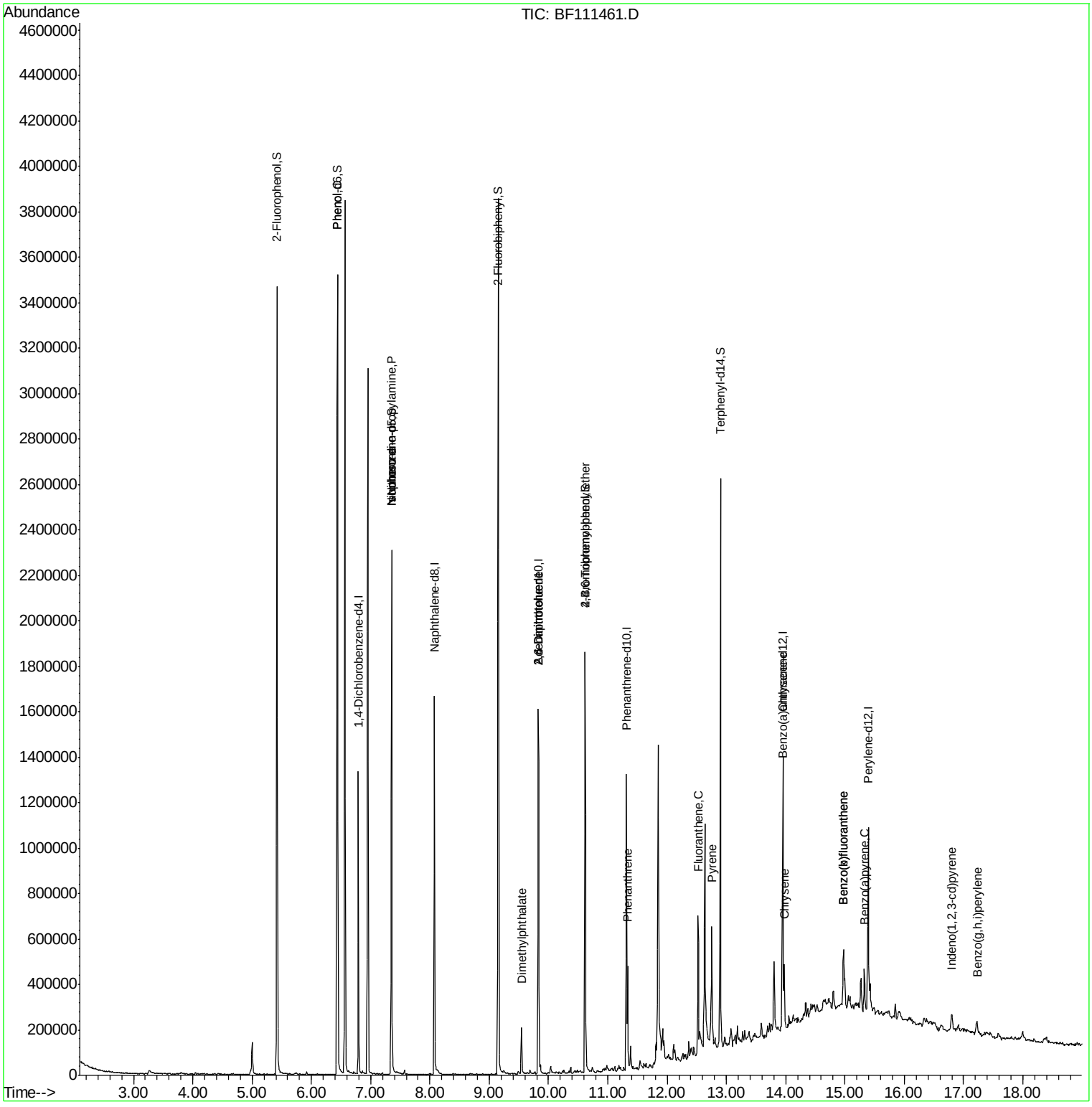
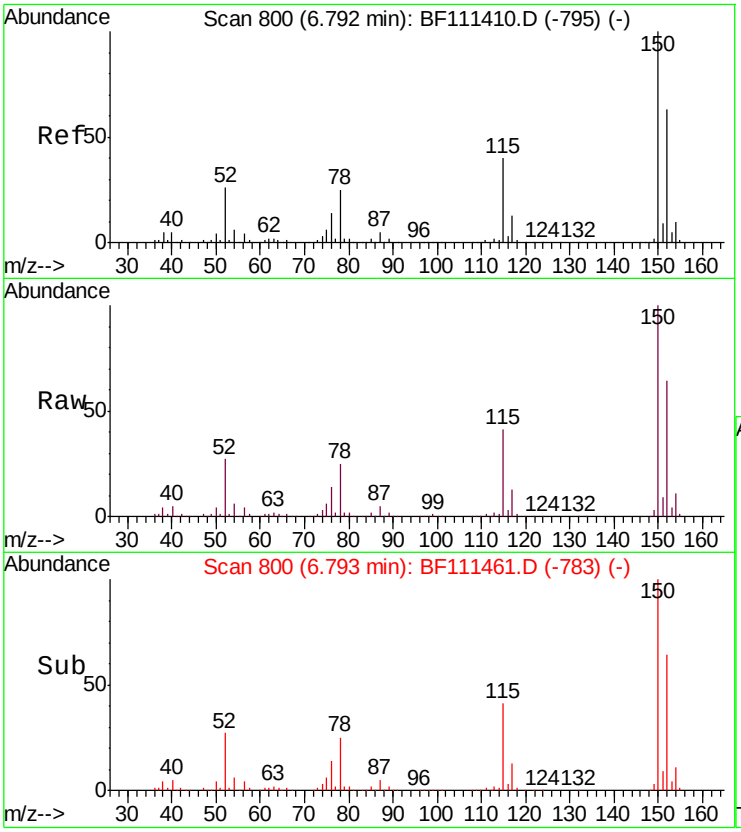
Response via : Initial Calibration



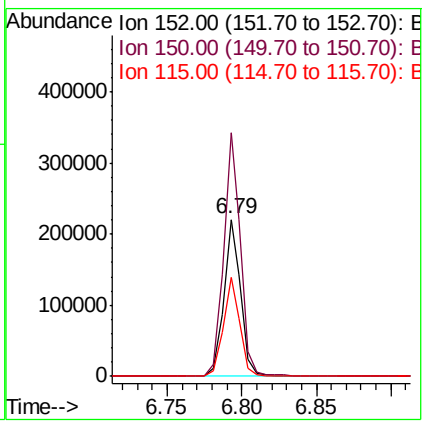


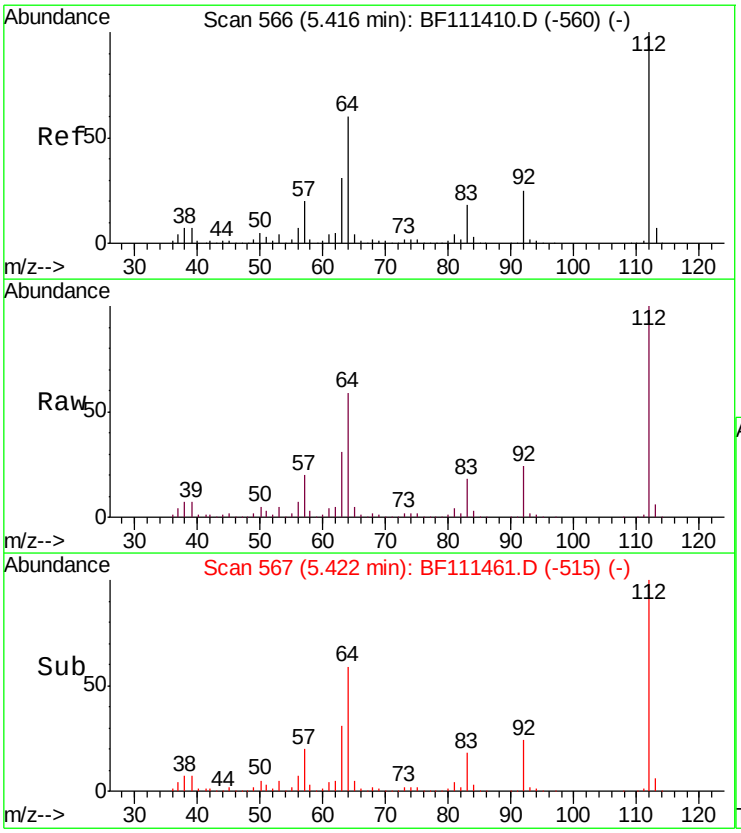
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 175394

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	63.0	50.7	76.1

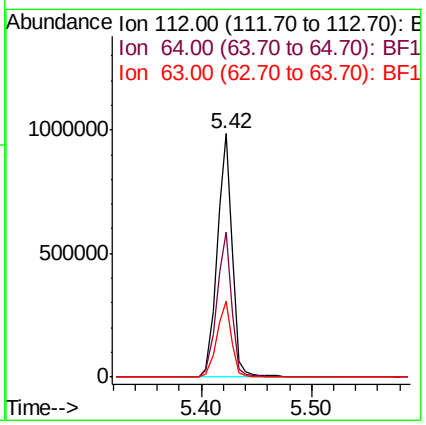


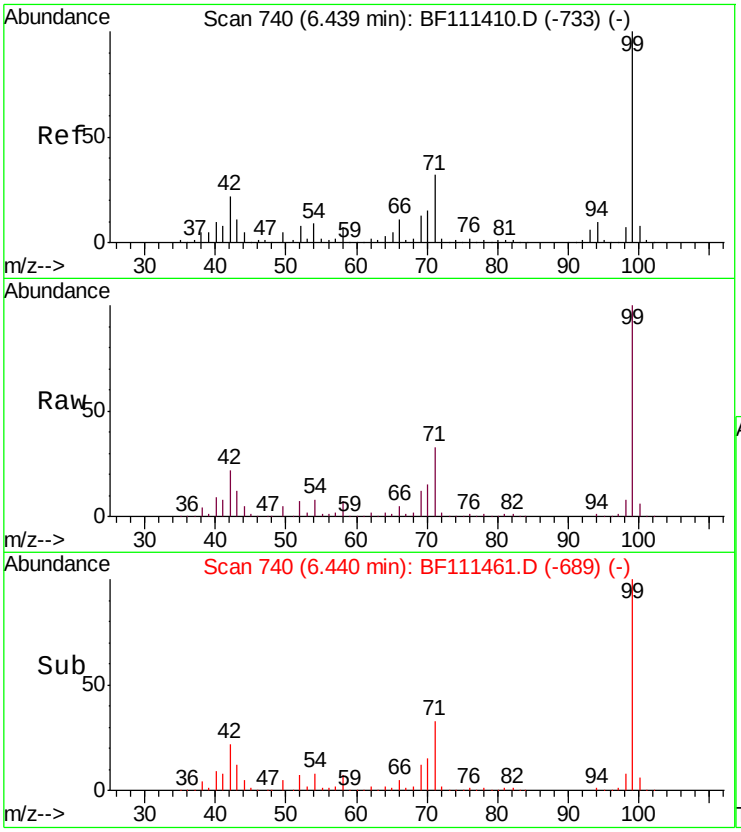


#5
2-Fluorophenol
Concen: 87.404 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:112 Resp: 921250

Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	31.4	26.8	40.2



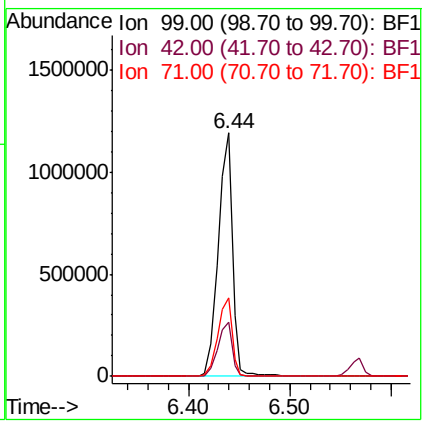


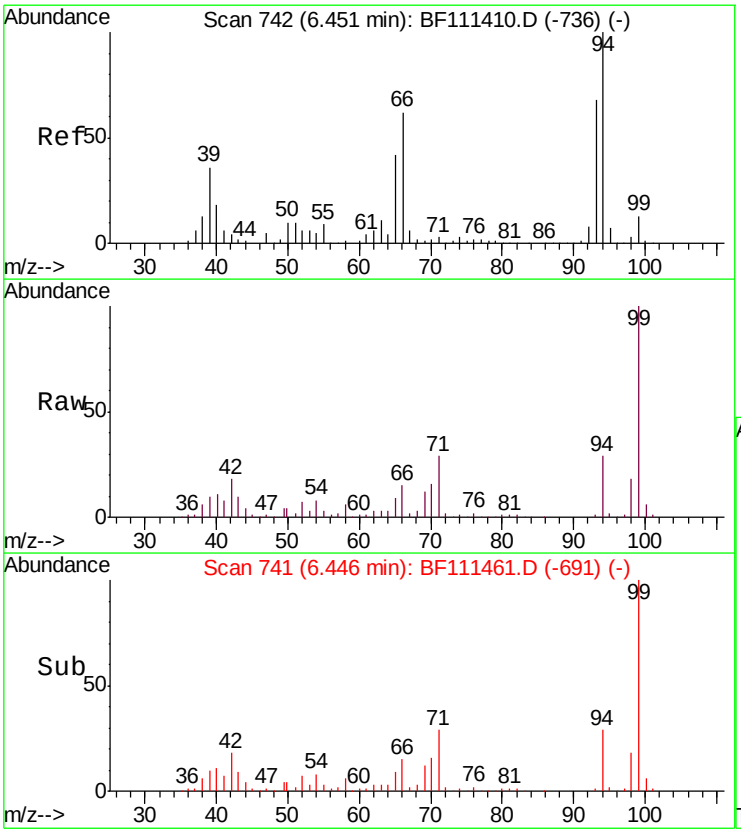
#7
Phenol-d6
Concen: 83.331 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1168316

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	32.5	26.1	39.1

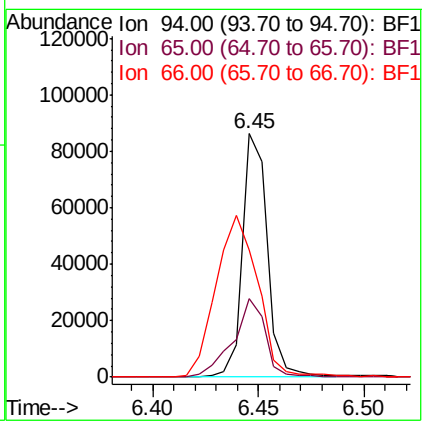


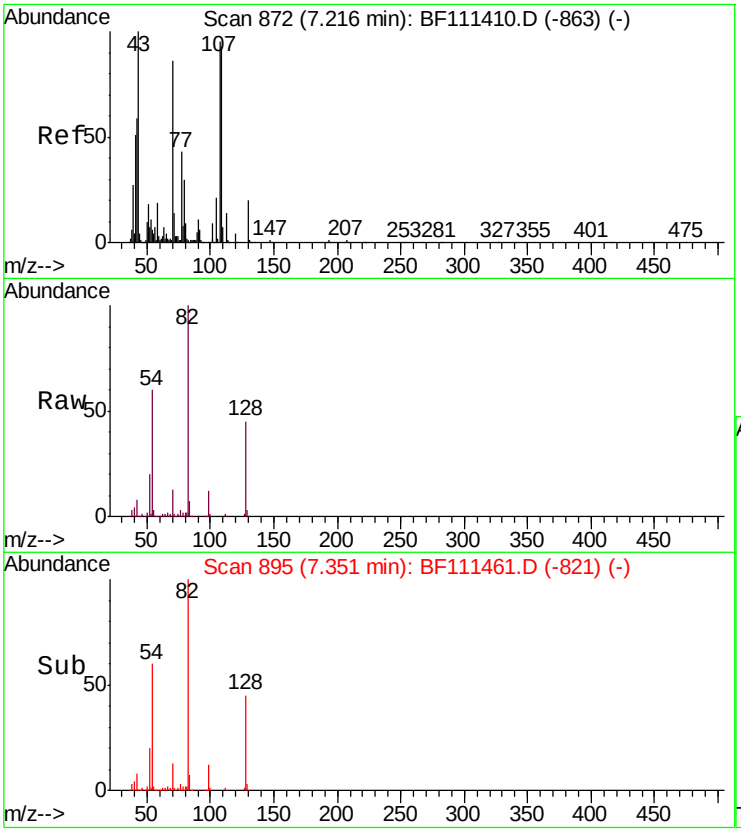


#10
Phenol
Concen: 4.510 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion: 94 Resp: 70439

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	52.0	21.0	61.0



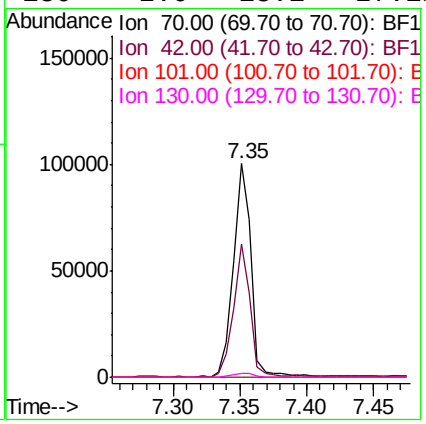


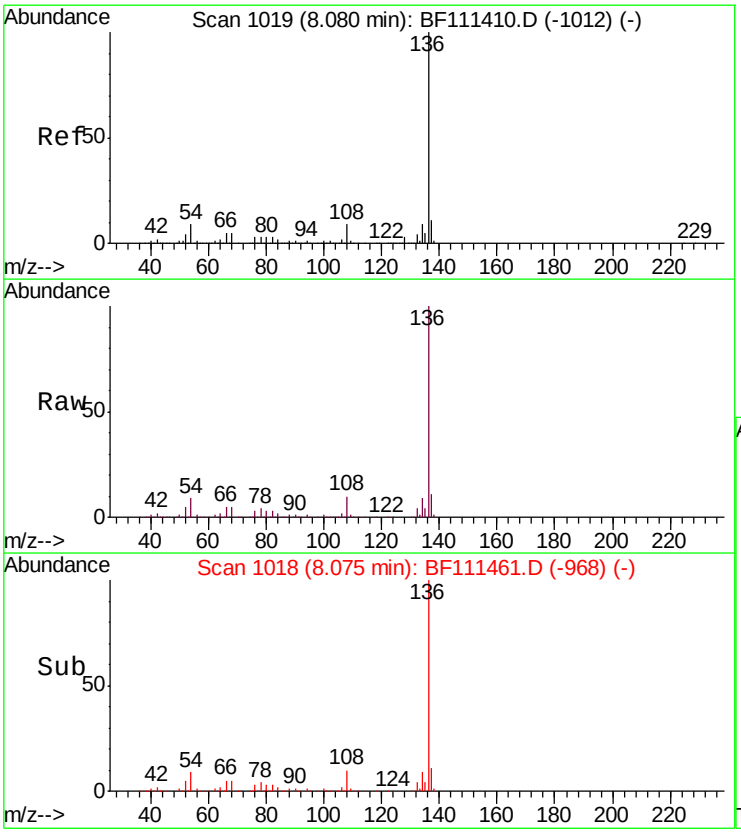
#19
n-Nitroso-di-n-propylamine
Concen: 10.201 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 70 Resp: 94353

Ion	Ratio	Lower	Upper
70	100		
42	62.1	53.2	79.8
101	0.0	8.2	12.4#
130	2.0	18.1	27.1#

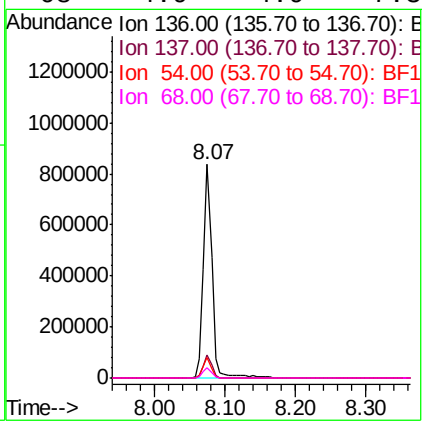


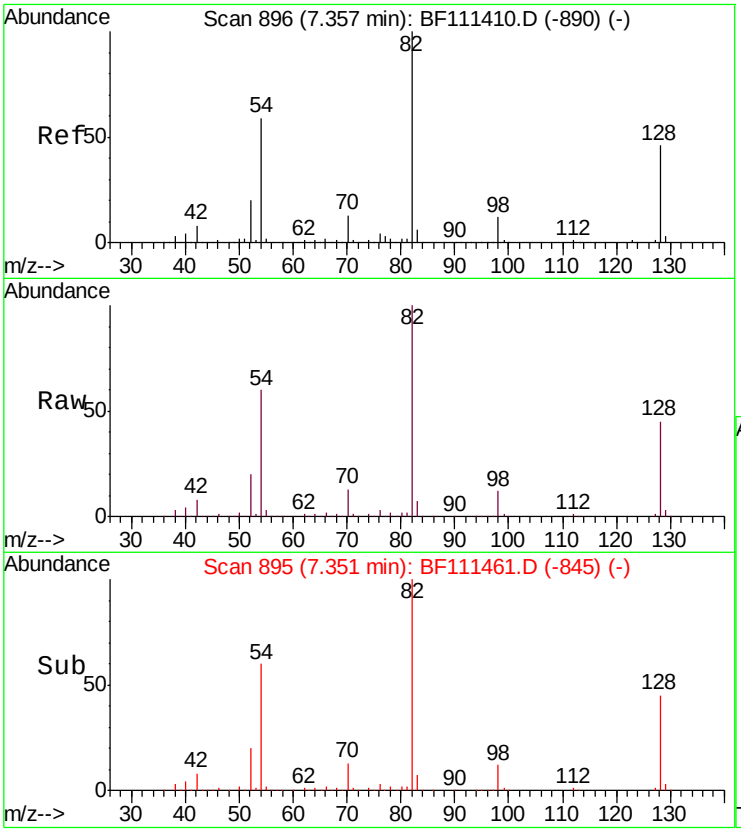


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:136 Resp: 714612

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.5	7.7	11.5
68	4.9	4.9	7.3



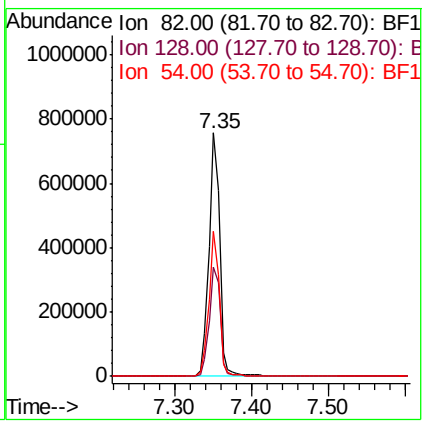


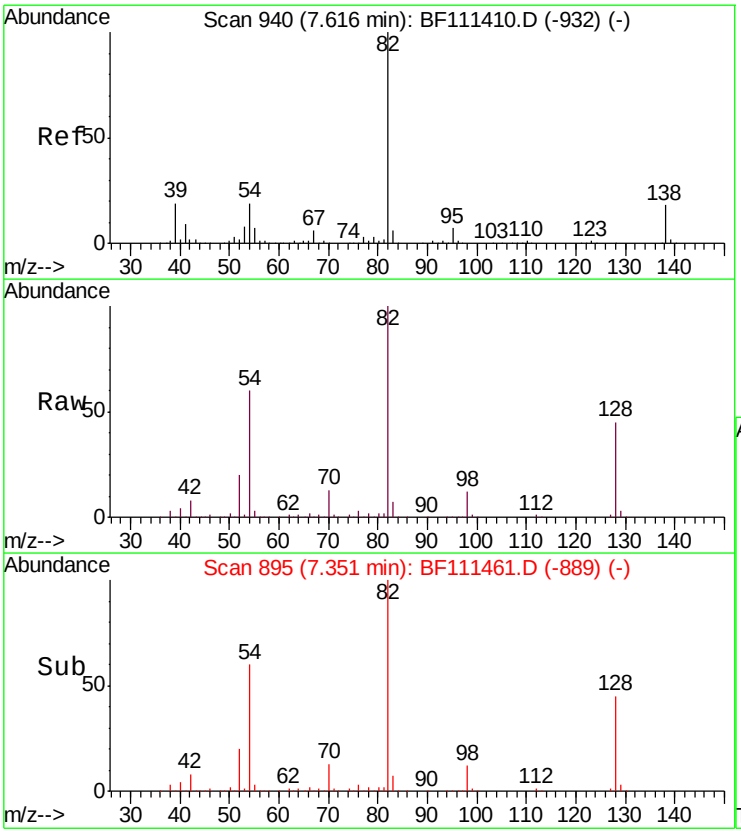
#23
Nitrobenzene-d5
Concen: 60.543 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 726541

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.4	56.2
54	59.8	47.6	71.4

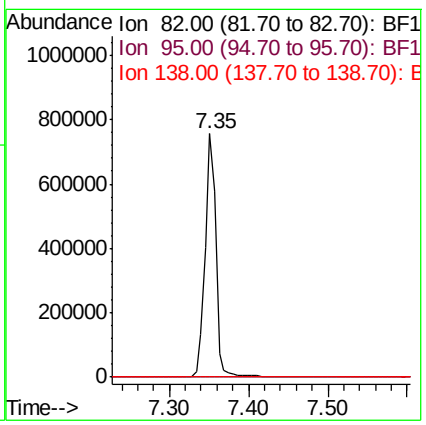


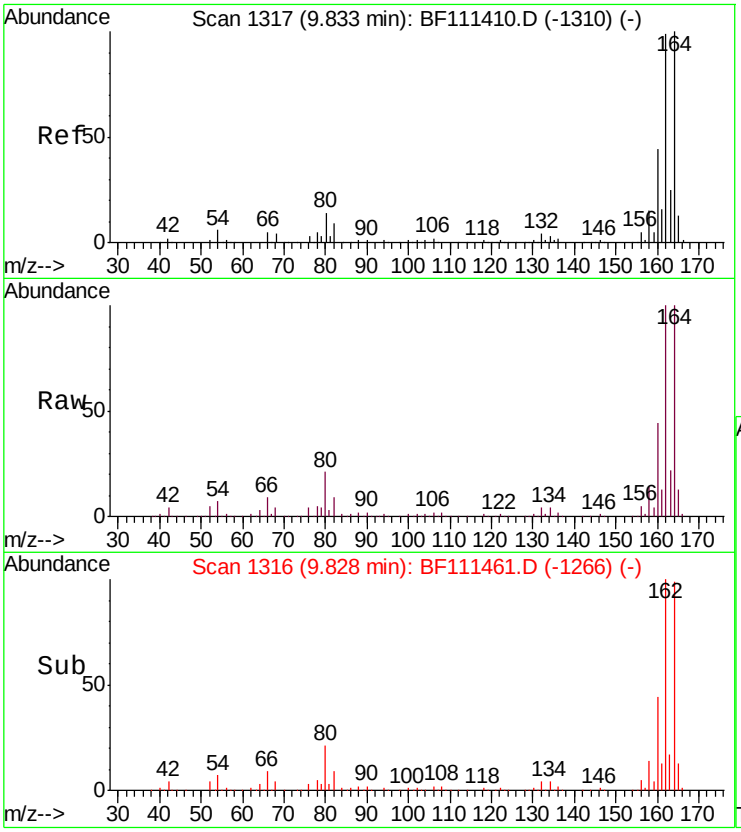


#25
Isophorone
Concen: 35.781 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion: 82 Resp: 726536

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#



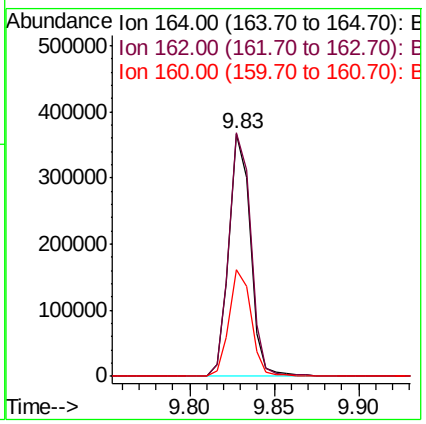


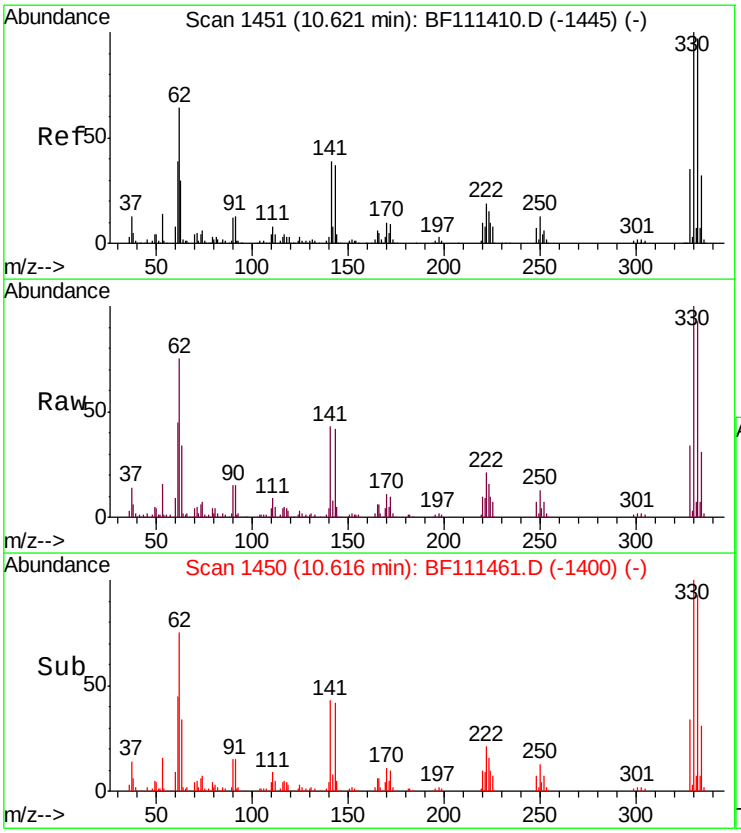
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 324915

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.2	35.7	53.5

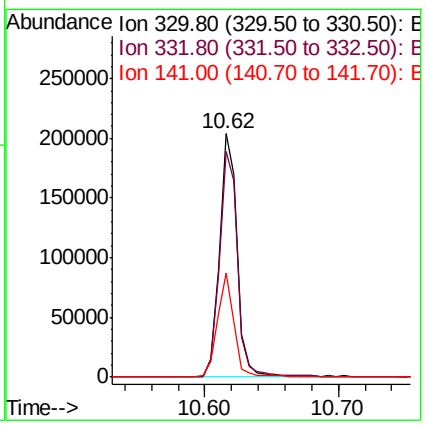


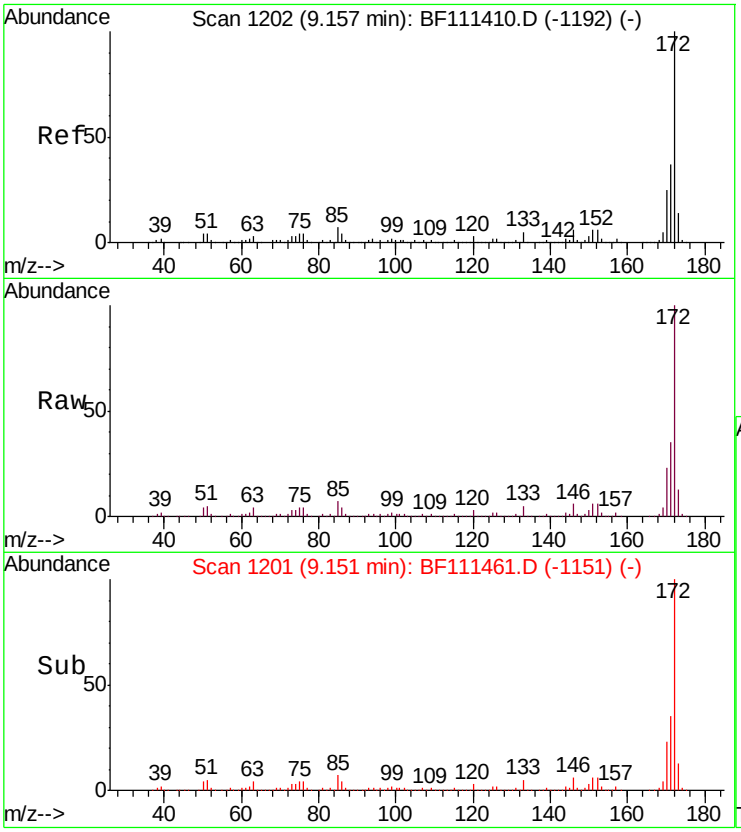


#42
2,4,6-Tribromophenol
Concen: 65.763 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:330 Resp: 191405

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	40.4	31.0	46.6



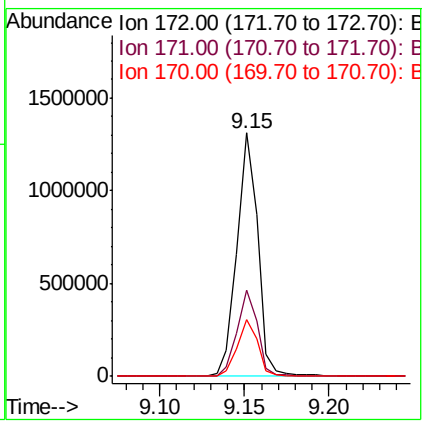


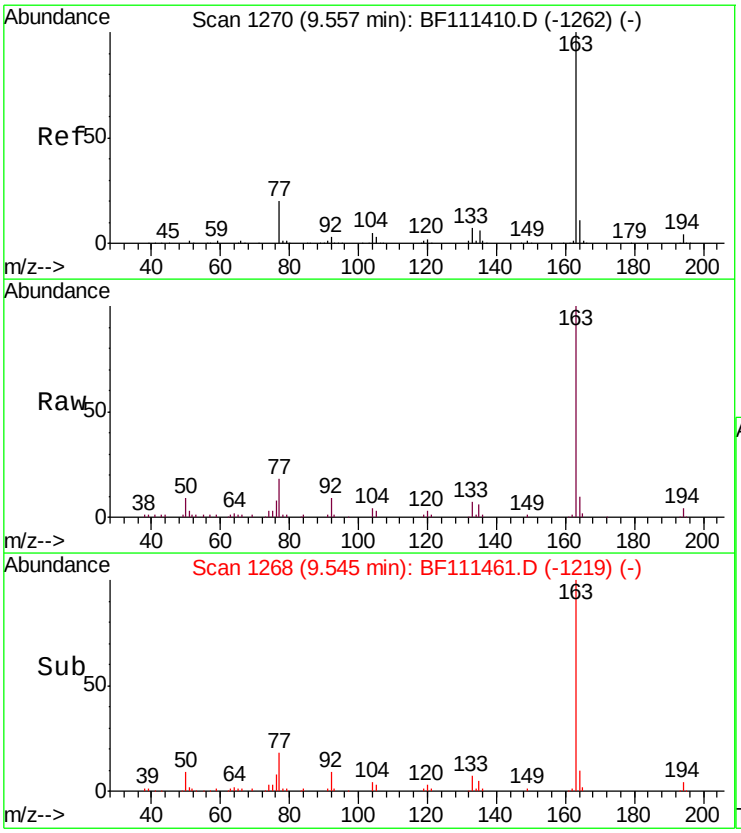
#45
2-Fluorobiphenyl
Concen: 53.684 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 1129245

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.5	22.3	33.5

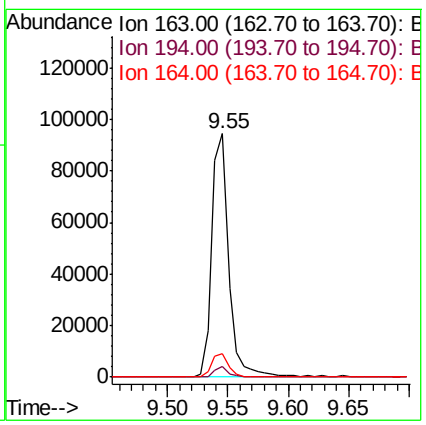


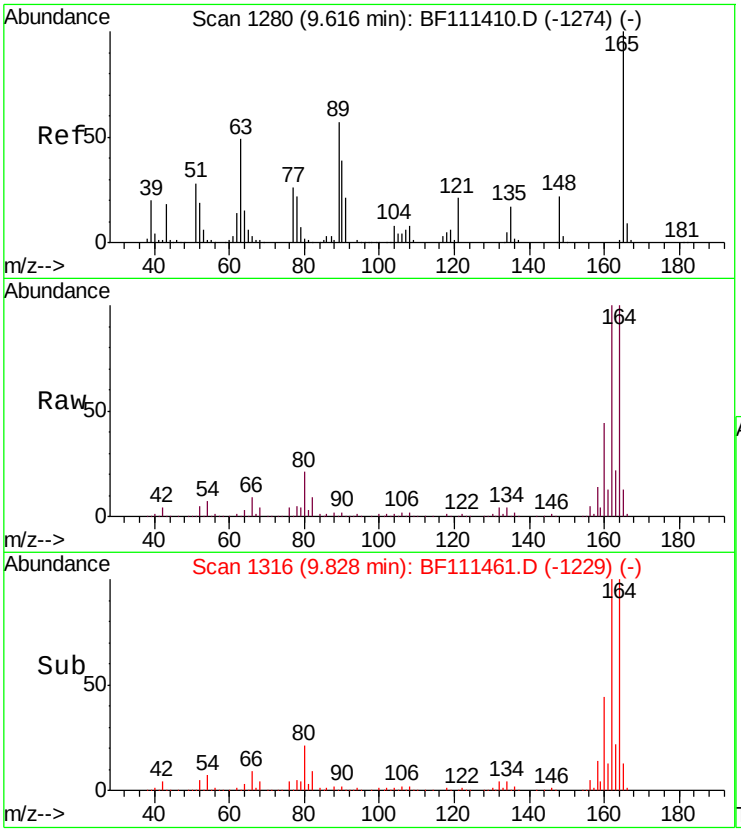


#50
Dimethylphthalate
Concen: 3.895 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:163 Resp: 91147

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3



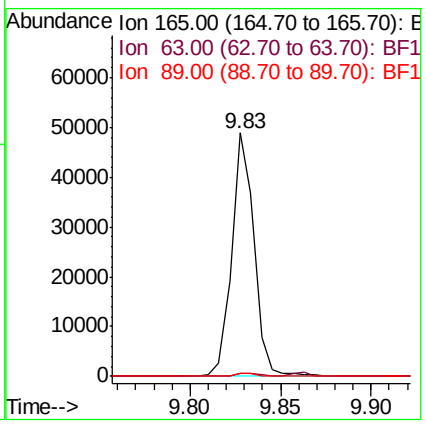


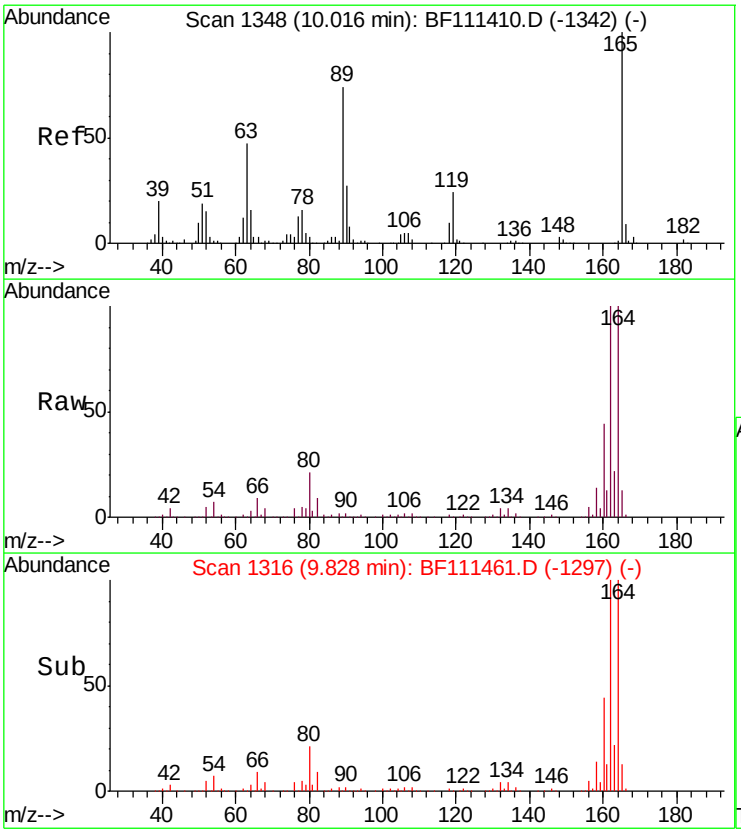
#51
2,6-Dinitrotoluene
Concen: 7.994 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 42106

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.1	40.0	60.0#

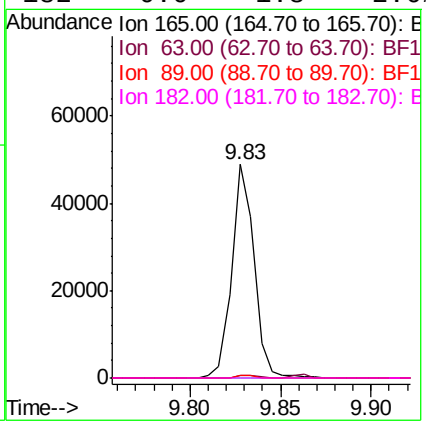


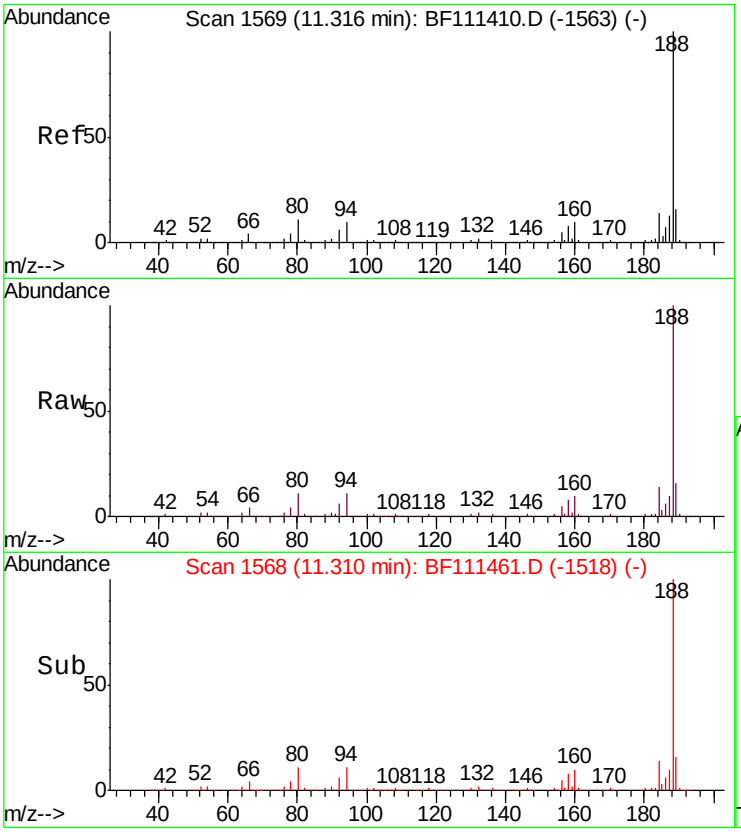


#57
2,4-Dinitrotoluene
Concen: 6.091 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:165 Resp: 42106

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.1	56.2	84.4#
182	0.0	1.8	2.6#



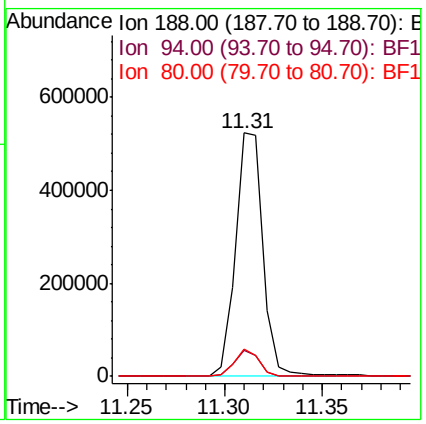


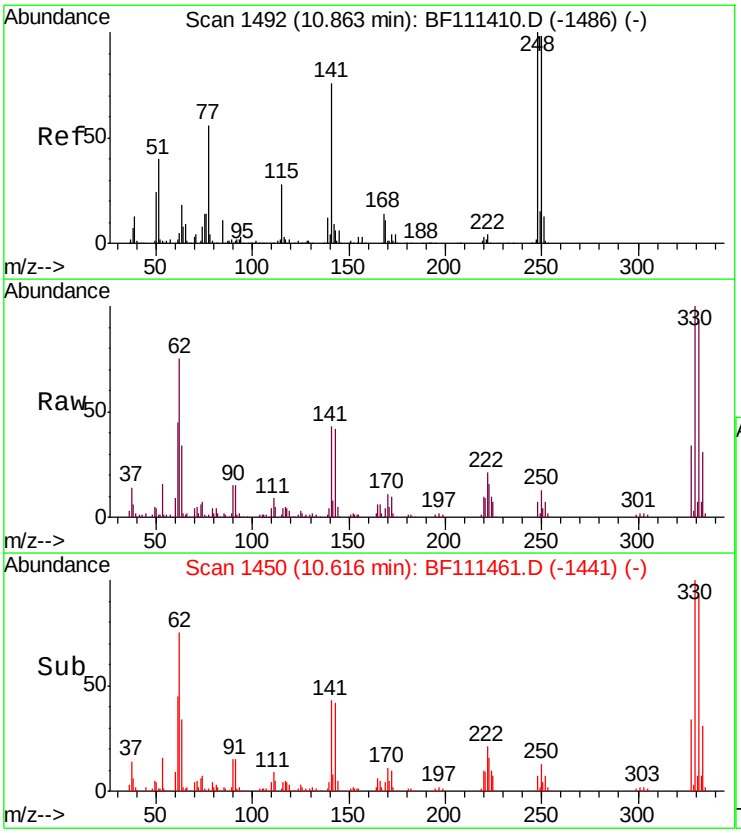
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 508793

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.6	14.4
80	11.3	9.8	14.6

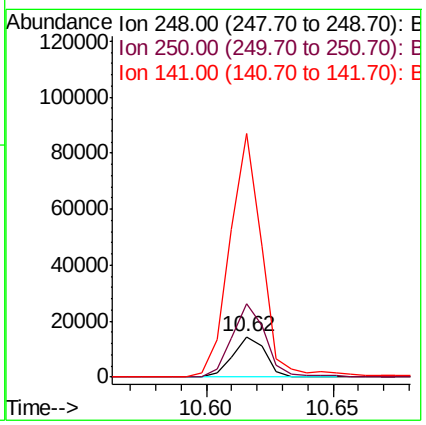


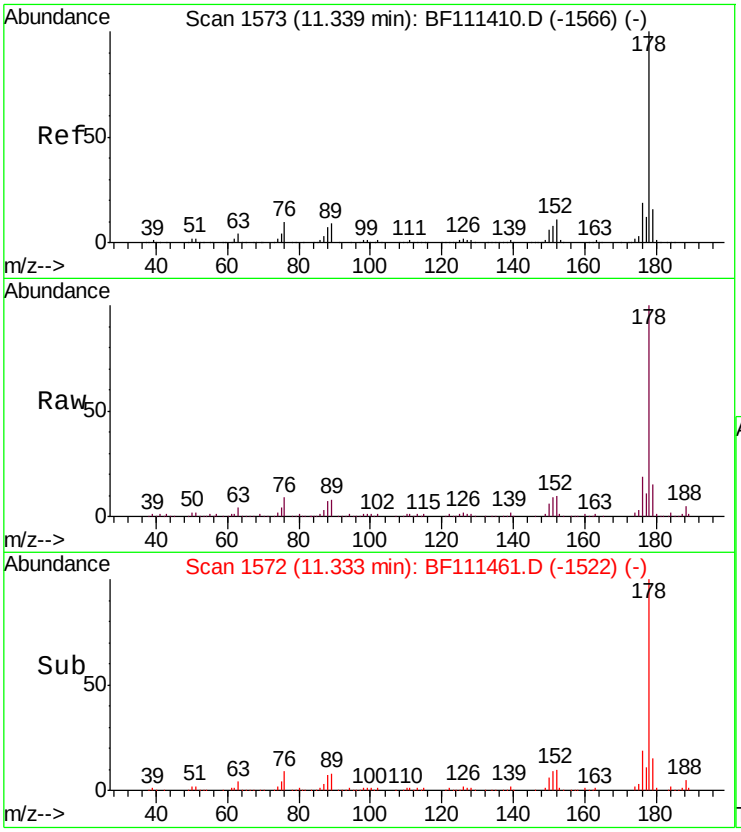


#67
4-Bromophenyl-phenylether
Concen: 2.341 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:248 Resp: 12835

Ion	Ratio	Lower	Upper
248	100		
250	182.8	77.0	115.4#
141	607.0	63.0	94.6#



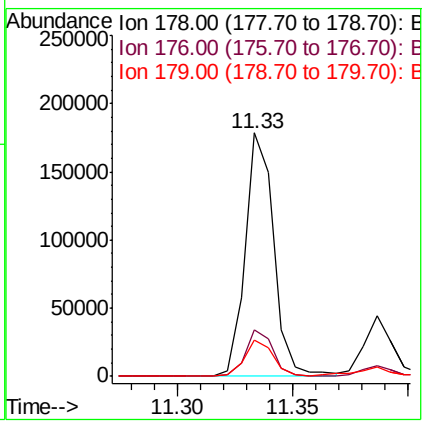


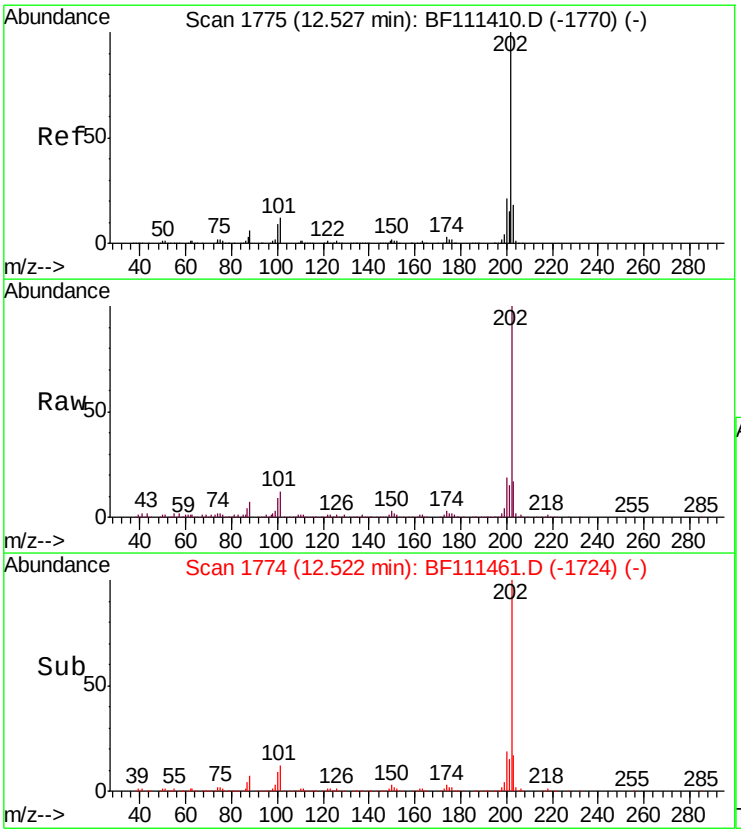
#71
Phenanthrene
Concen: 5.913 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:178 Resp: 155012

Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.1	27.1
179	14.7	14.0	21.0

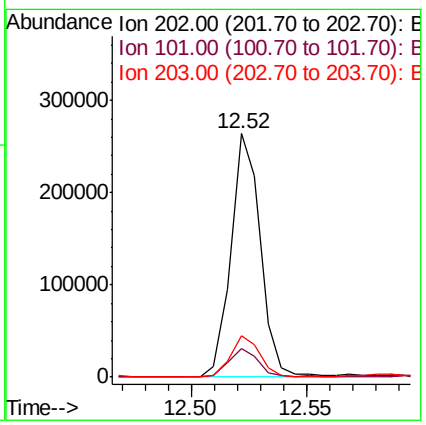


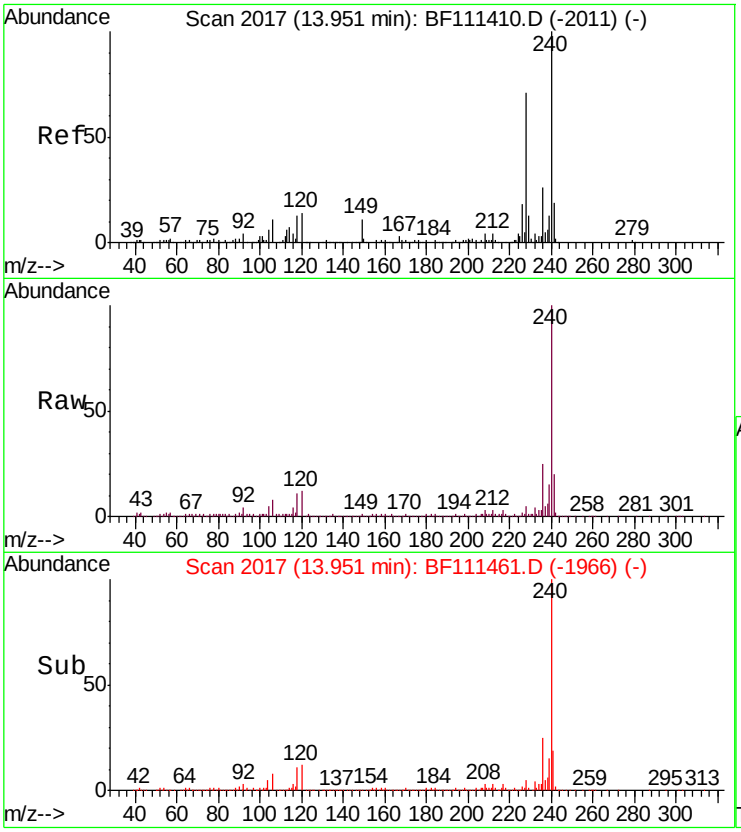


#75
Fluoranthene
Concen: 9.145 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:202 Resp: 234556

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	17.1	0.0	38.6



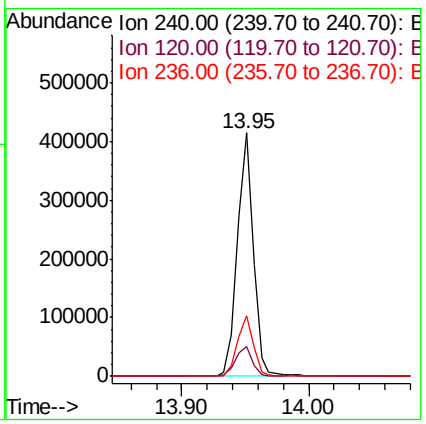


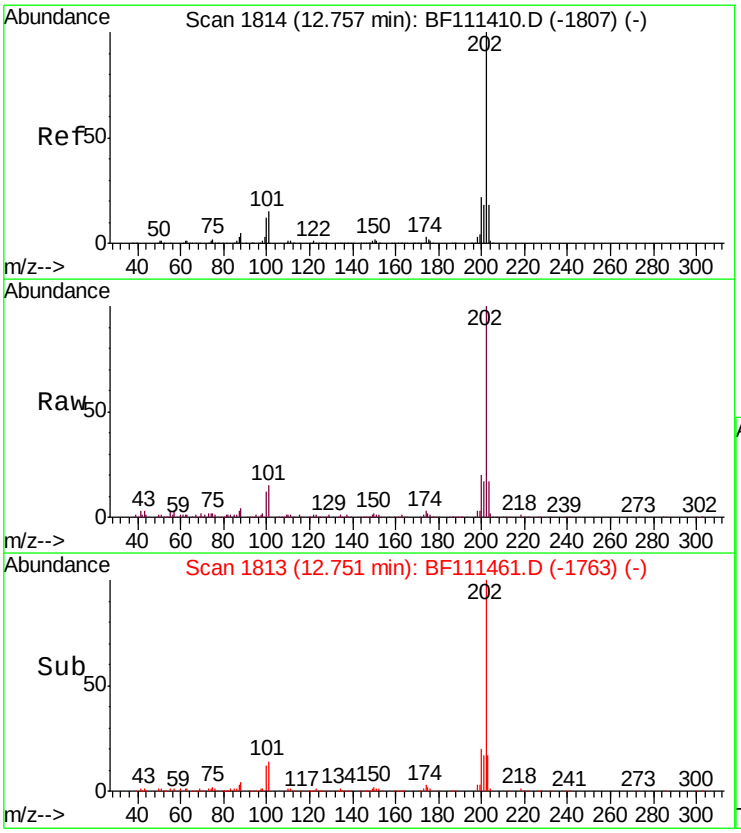
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 358695

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.2	18.2#
236	24.7	20.2	30.2

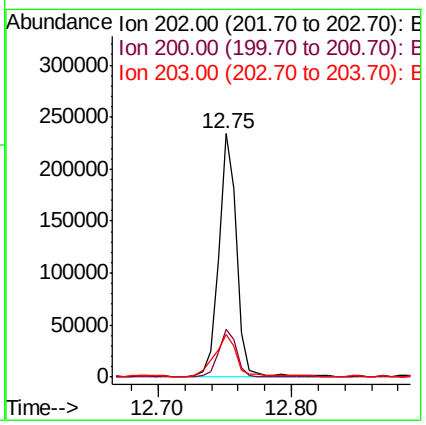


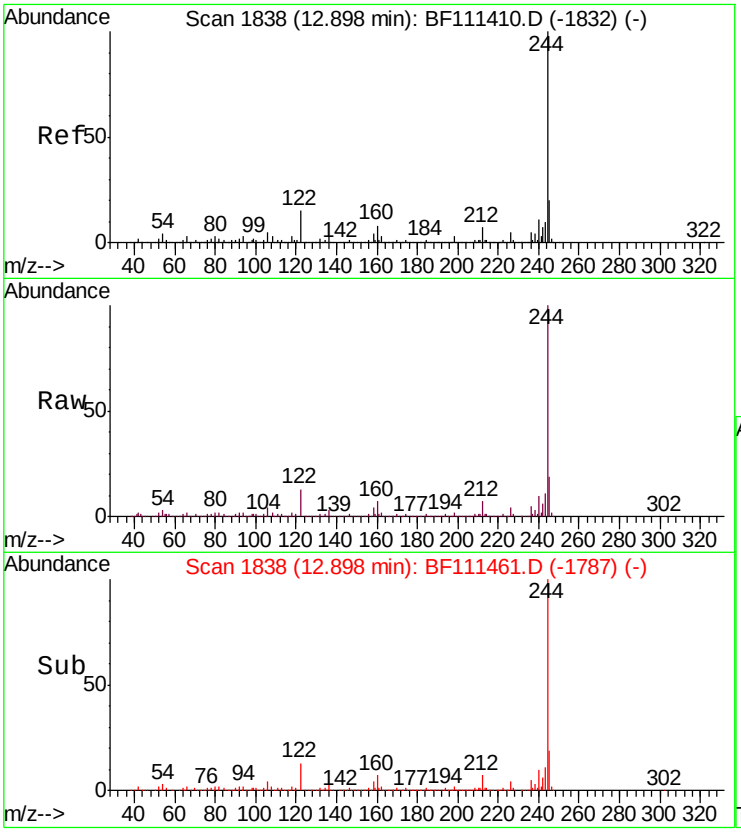


#78
Pyrene
Concen: 8.675 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:202 Resp: 219373

Ion	Ratio	Lower	Upper
202	100		
200	19.8	19.0	28.4
203	17.4	15.2	22.8



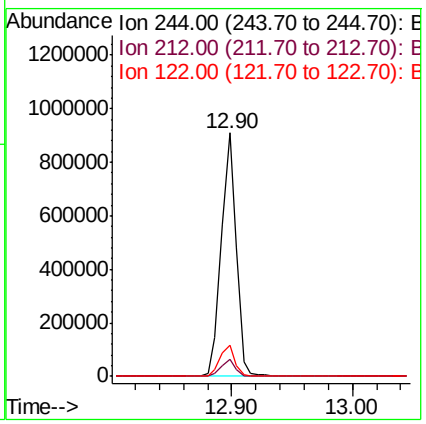


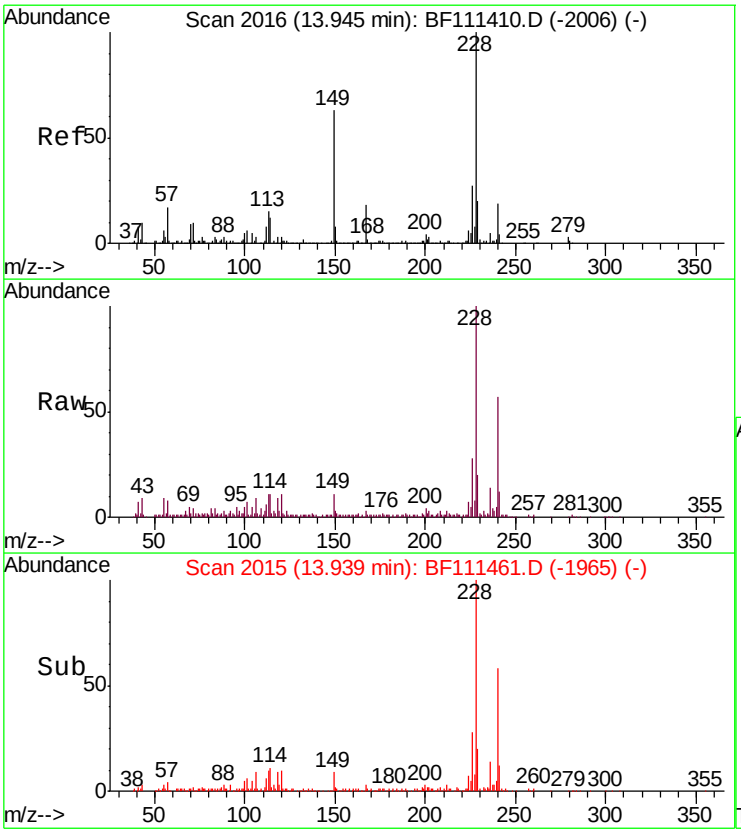
#79
Terphenyl-d14
Concen: 51.124 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 780919

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.6	13.1	19.7#

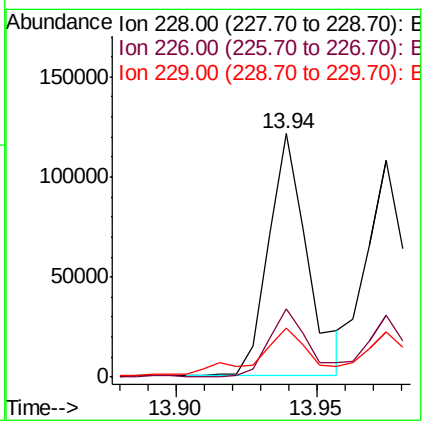


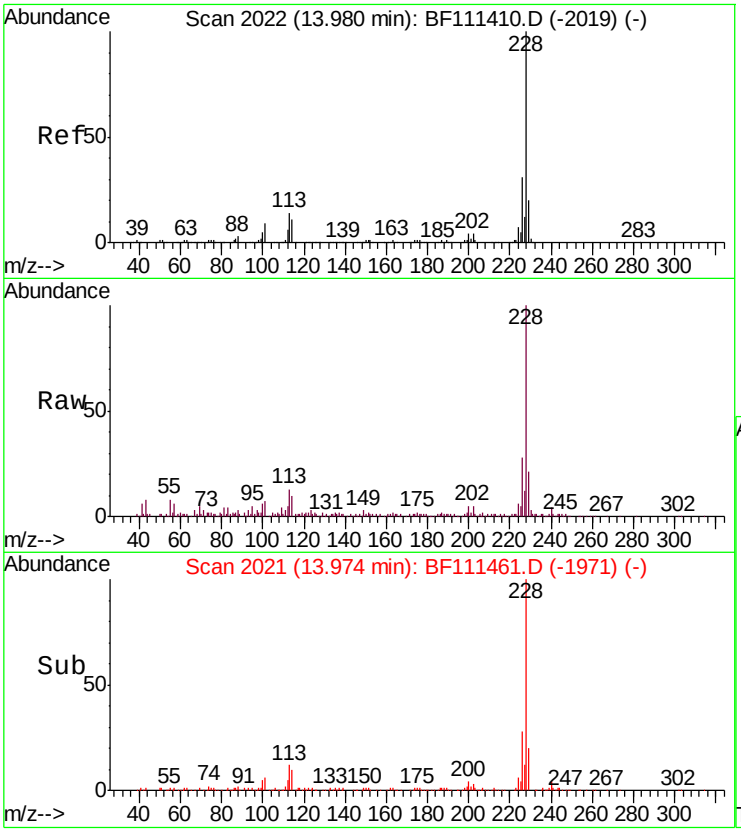


#81
Benzo(a)anthracene
Concen: 5.906 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:228 Resp: 115198

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.4	16.3	24.5



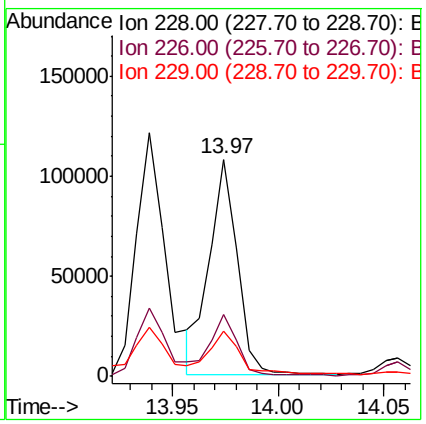


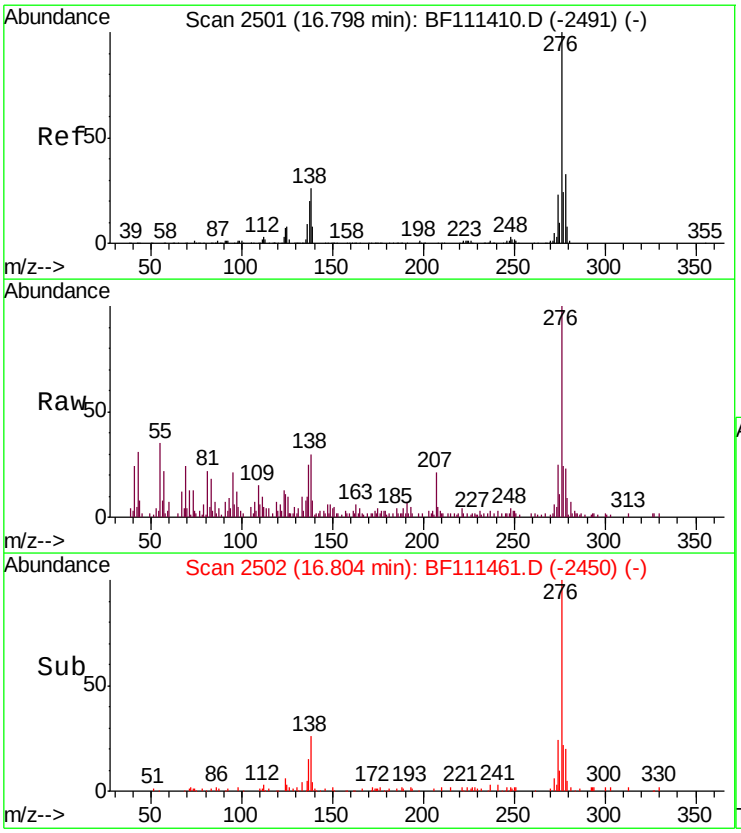
#83
Chrysene
Concen: 4.927 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:228 Resp: 101224

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.3	37.9
229	20.6	17.2	25.8

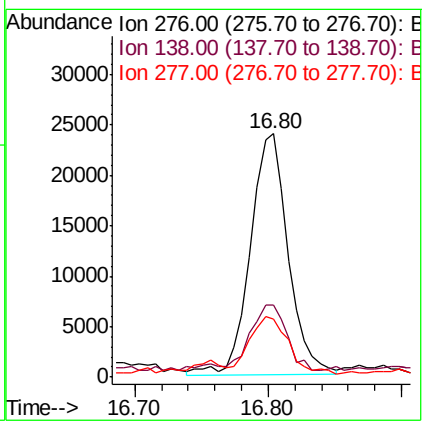


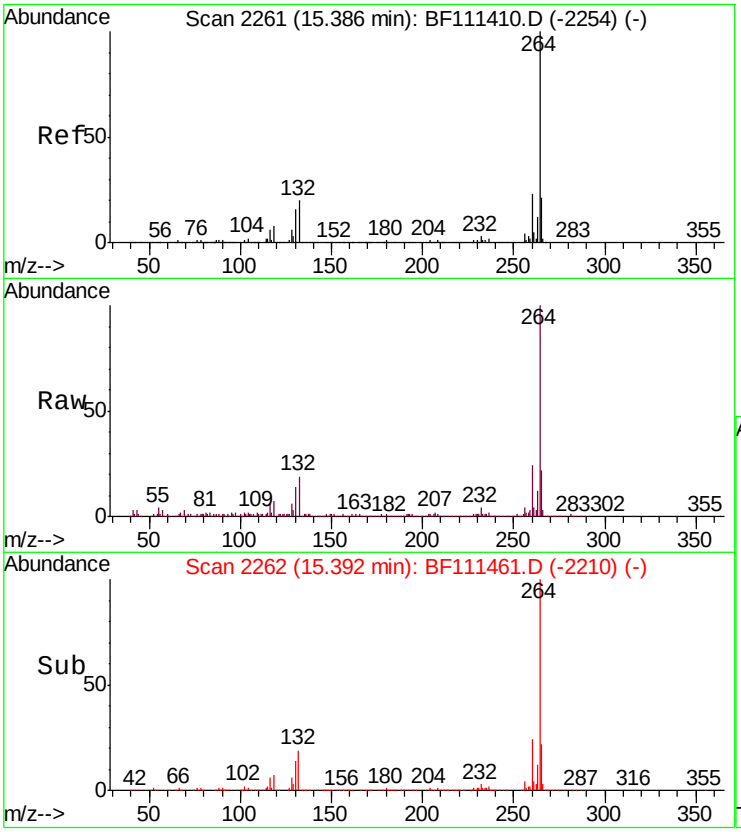


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.143 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:276 Resp: 46606

Ion	Ratio	Lower	Upper
276	100		
138	26.0	27.8	41.6#
277	23.5	20.1	30.1



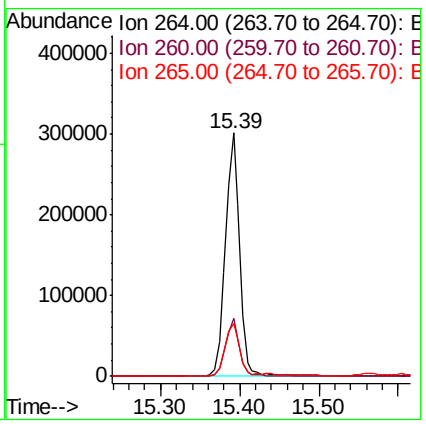


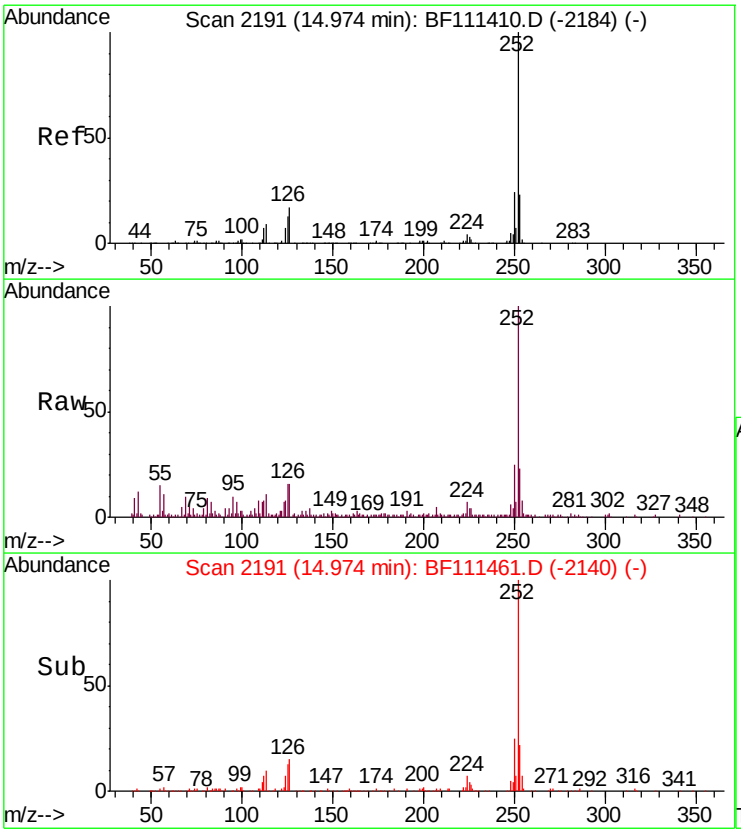
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 375169

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.7	17.7	26.5

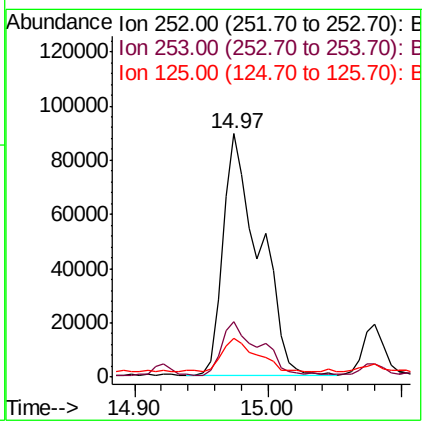


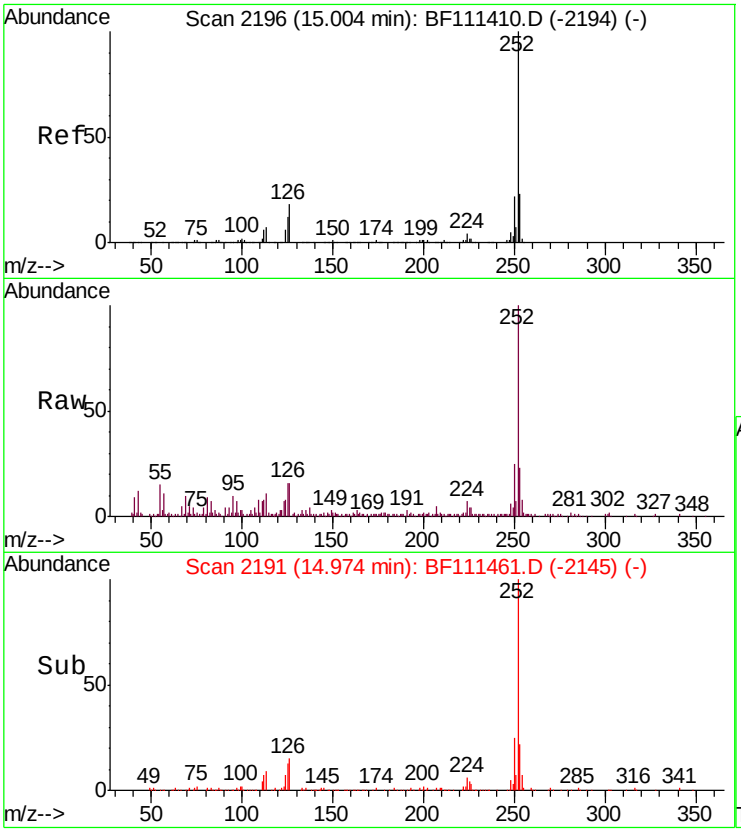


#88
Benzo(b)fluoranthene
Concen: 7.741 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:252 Resp: 169316

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	16.1	10.4	15.6#



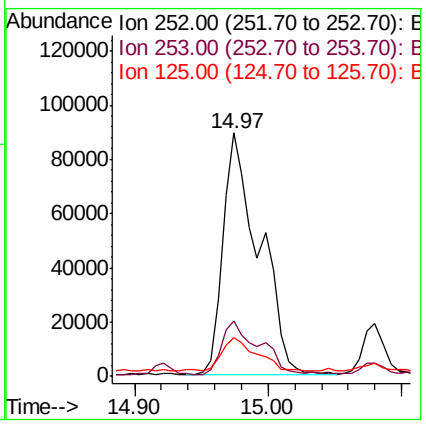


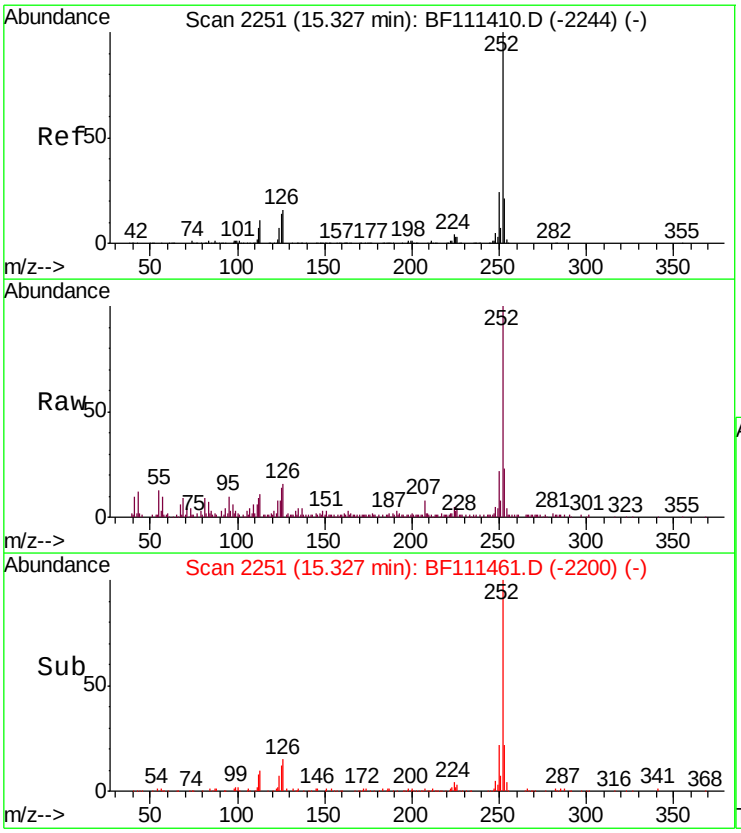
#89
Benzo(k)fluoranthene
Concen: 8.101 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 169316

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	16.1	9.8	14.8#

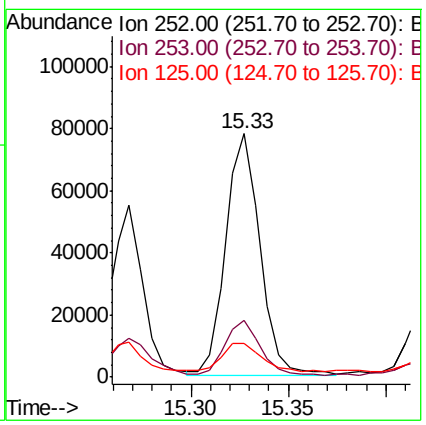


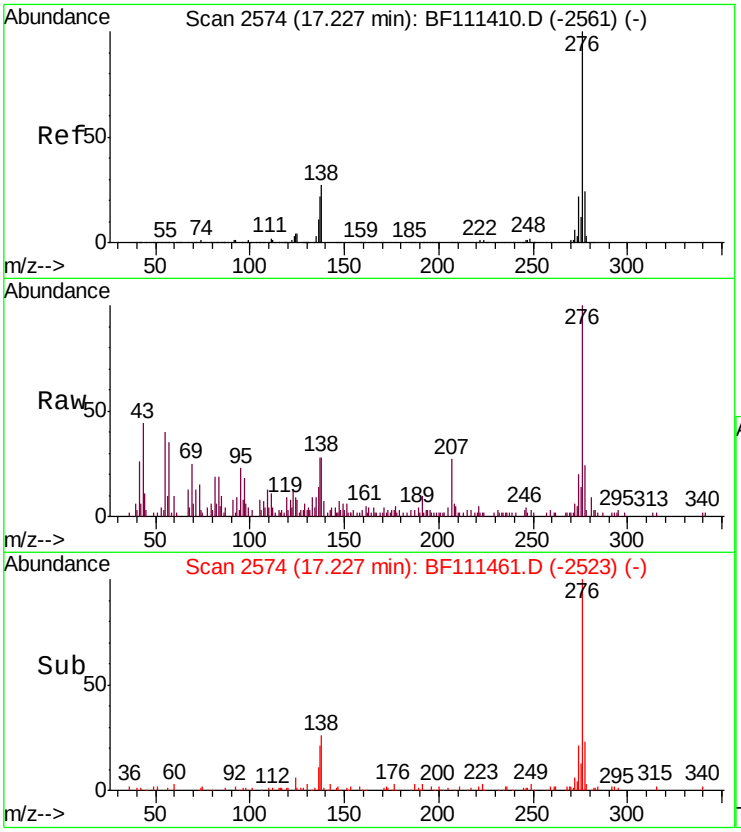


#90
Benzo(a)pyrene
Concen: 4.812 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Tgt Ion:252 Resp: 94907

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	13.8	12.3	18.5





#92
Benzo(g,h,i)perylene
Concen: 2.893 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111461.D
Acq: 15 Dec 2018 11:50

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:276 Resp: 44188

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.9	24.9	37.3