Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\

Quantitation Report (Not Reviewed)

Data File : BF116052.D
Acq On : 7 Aug 2019 17:07
Operator : HP/JU
Sample : K4152-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-2

Quant Time: Aug 08 07:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142119	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	558028	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	291441	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	471318	20.00	ng		0.00
76) Chrysene-d12	14.00	240	266009	20.00	ng		0.00
87) Perylene-d12	15.47	264	331182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	964109	113.57	ng		0.00
7) Phenol-d6	6.48	99	1260289	117.66	ng		0.00
23) Nitrobenzene-d5	7.40	82	827053	85.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	263347	93.20	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1278559	82.17	ng		0.00
79) Terphenyl-d14	12.95	244	1101788	87.28	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	107355	16.174	ng	#	80
25) Isophorone	7.40	82	828589	44.824	ng	#	65
50) Dimethylphthalate	9.59	163	293375	14.784	ng		99
57) 2,4-Dinitrotoluene	9.87	165	37508	6.533	ng	#	20
71) Phenanthrene	11.39	178	301659	12.520	ng		99
72) Anthracene	11.44	178	97719	4.007	ng		97
75) Fluoranthene	12.58	202	424925	16.845	ng		88
78) Pyrene	12.81	202	342674	17.089	ng	#	88
81) Benzo(a)anthracene	14.00	228	152613	8.976	ng		97
83) Chrysene	14.03	228	134155	8.127	ng		94
86) Indeno(1,2,3-cd)pyrene	16.94	276	80028	5.772	ng		95
88) Benzo(b)fluoranthene	15.04	252	226471	11.827	ng		98
89) Benzo(k)fluoranthene	15.04	252	226471	12.142	ng	#	97
90) Benzo(a)pyrene	15.41	252	126778	7.406	ng		100
92) Benzo(g,h,i)perylene	17.38	276	77476	5.324	ng		97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\

Quantitation Report (Not Reviewed)

Data File : BF116052.D
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Sample : K4152-11
Misc :
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Instrument :
BNA_F
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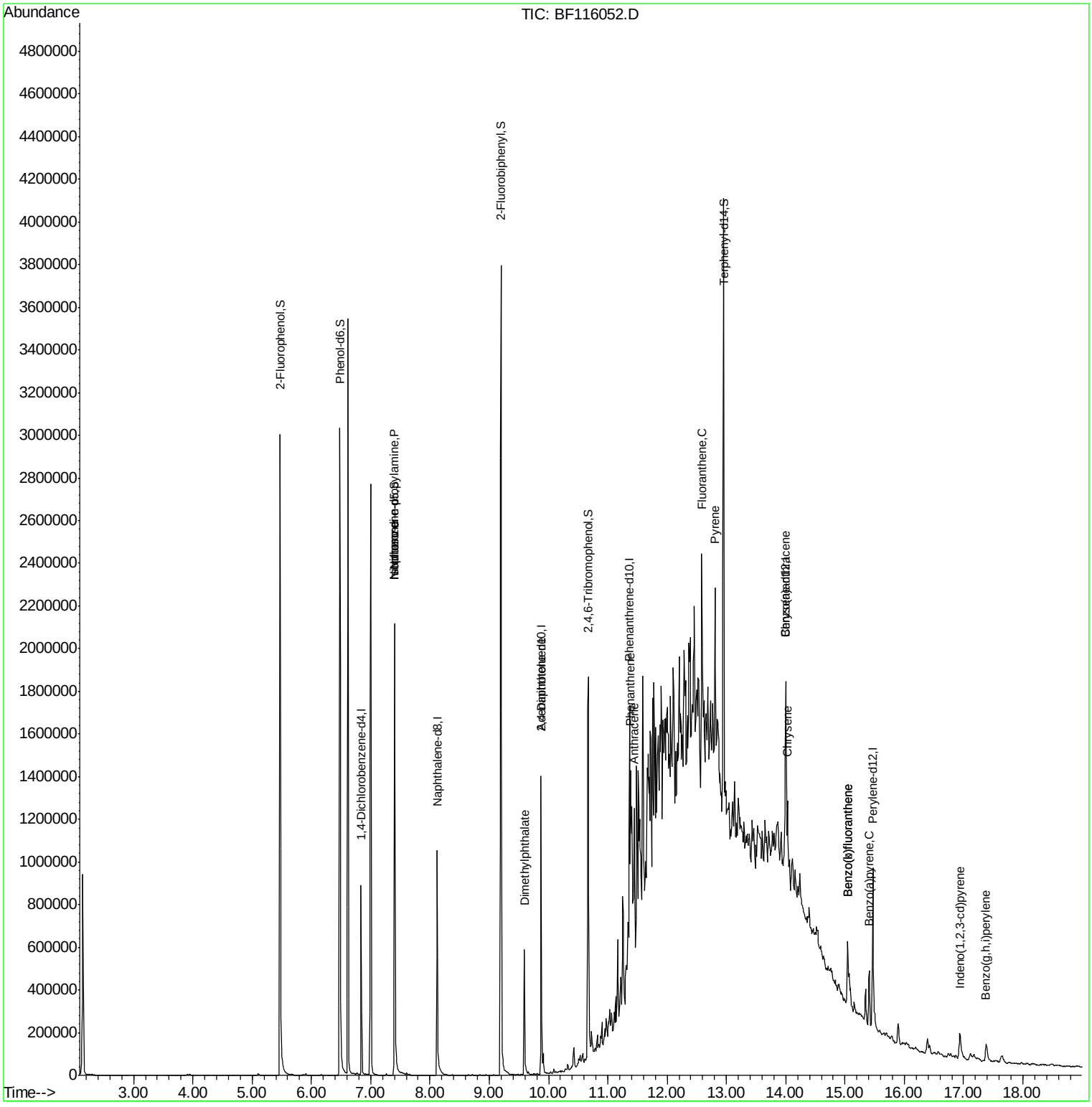
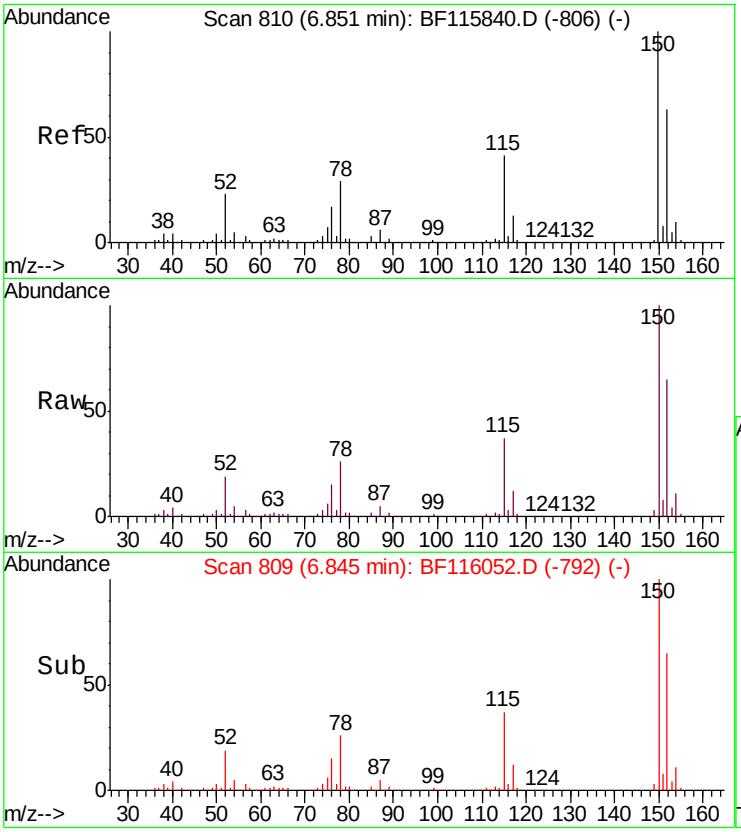
Quant Time: Aug 08 07:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



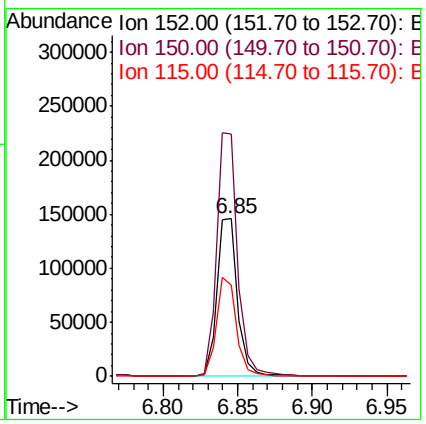


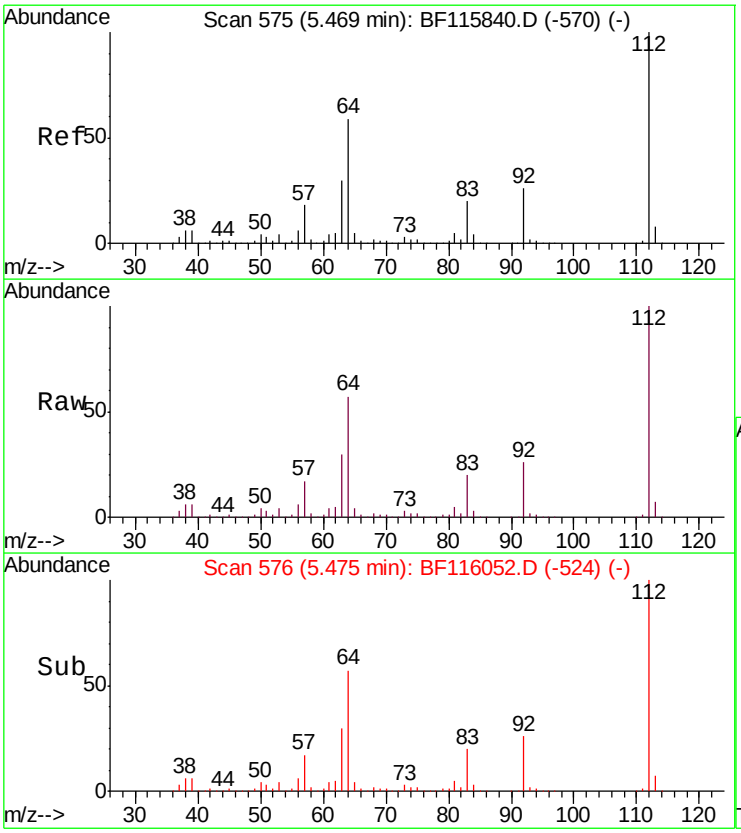
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:152 Resp: 142119

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	57.6	49.9	74.9

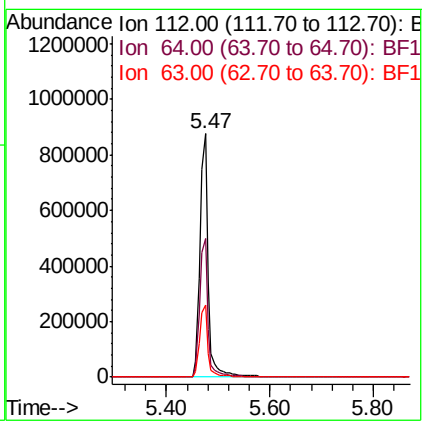


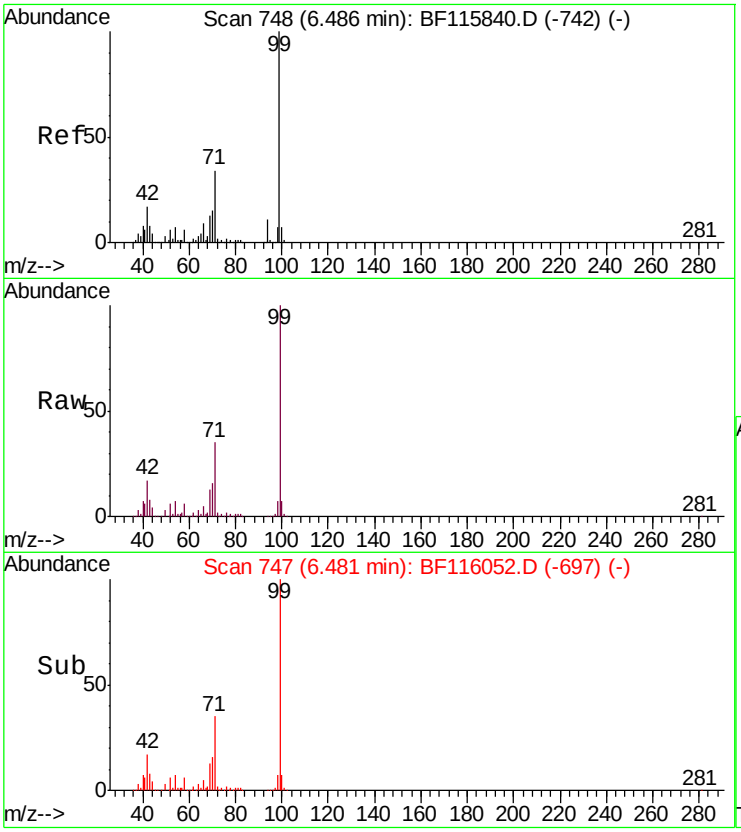


#5
2-Fluorophenol
Concen: 113.565 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:112 Resp: 964109

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	29.8	23.7	35.5



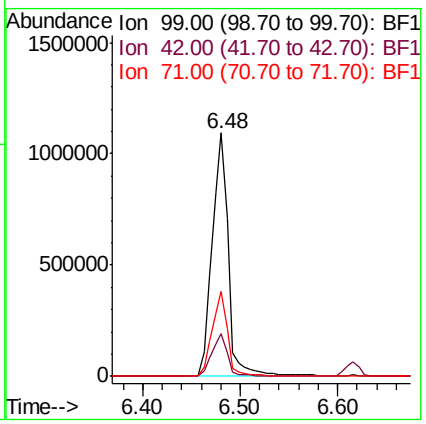


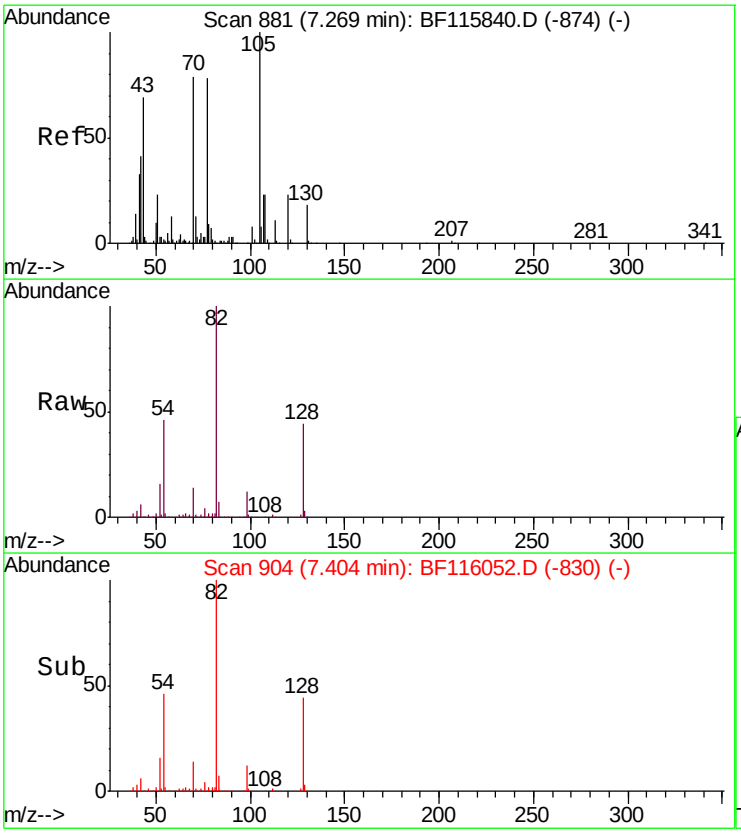
#7
Phenol-d6
Concen: 117.663 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion: 99 Resp: 1260289

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	34.8	27.3	40.9

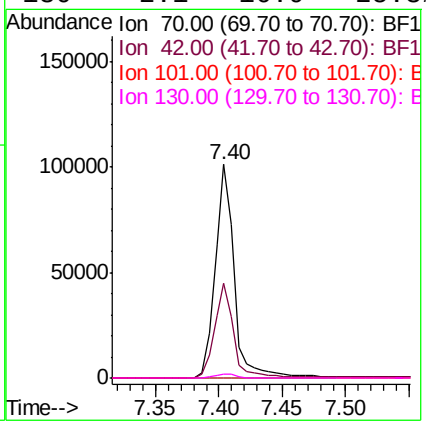


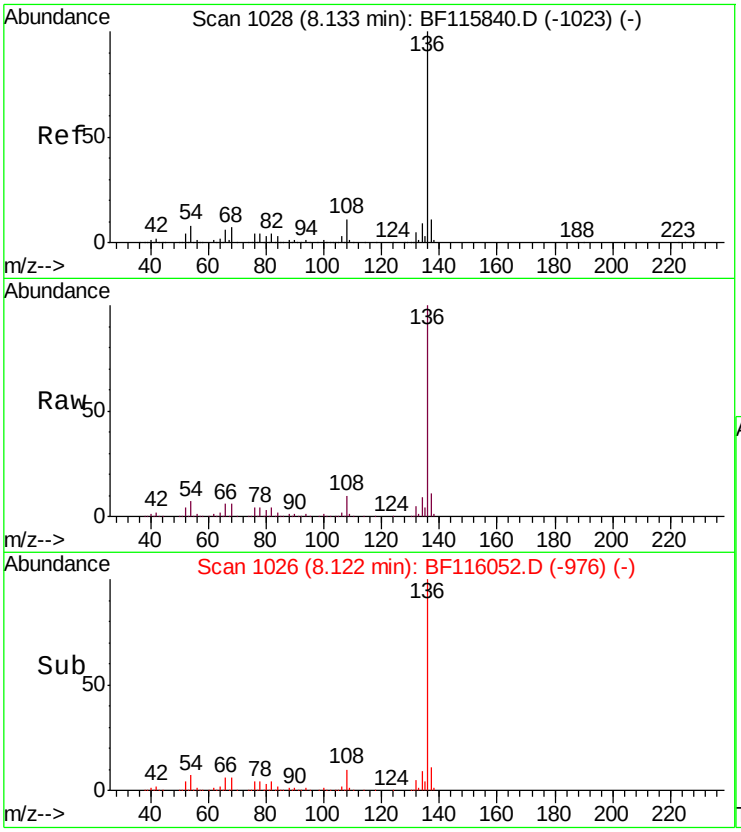


#19
n-Nitroso-di-n-propylamine
Concen: 16.174 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion: 70 Resp: 107355

Ion	Ratio	Lower	Upper
70	100		
42	44.3	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#



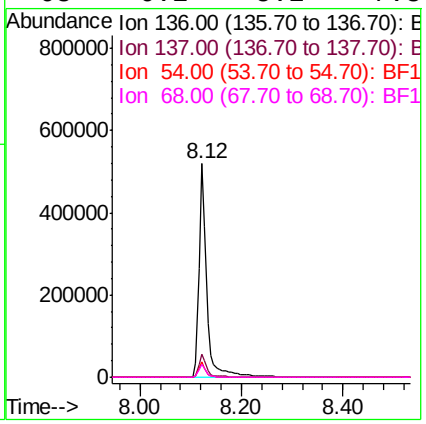


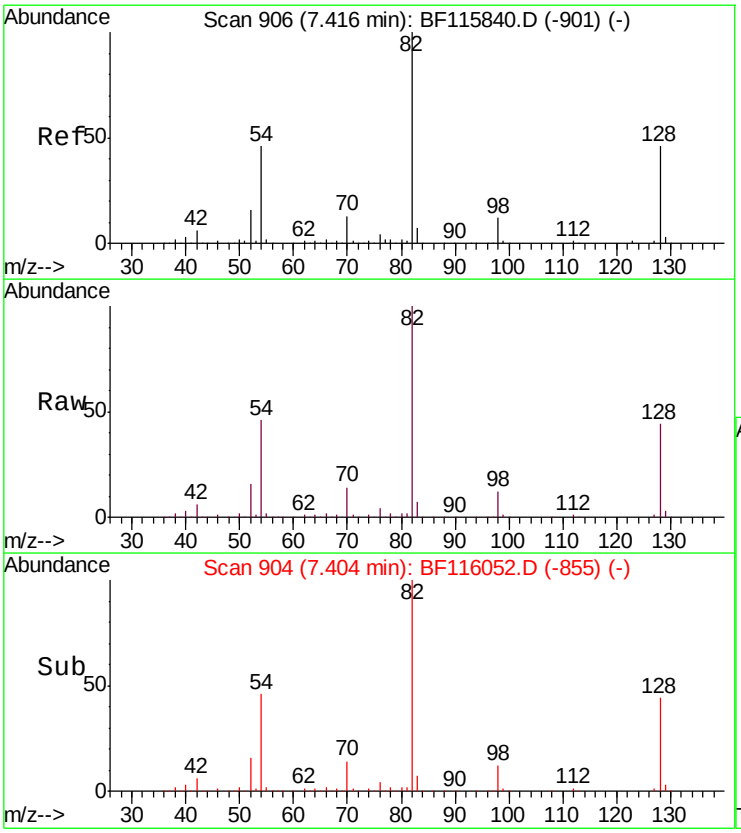
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:136 Resp: 558028

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.0	5.8	8.6
68	6.2	5.2	7.8

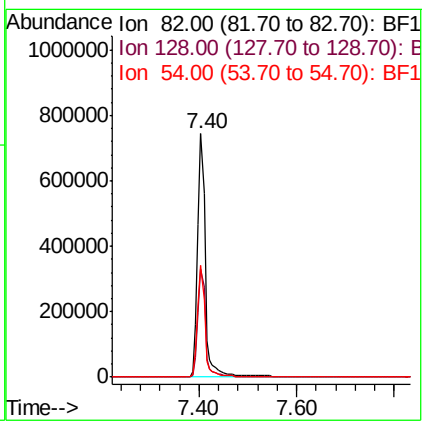


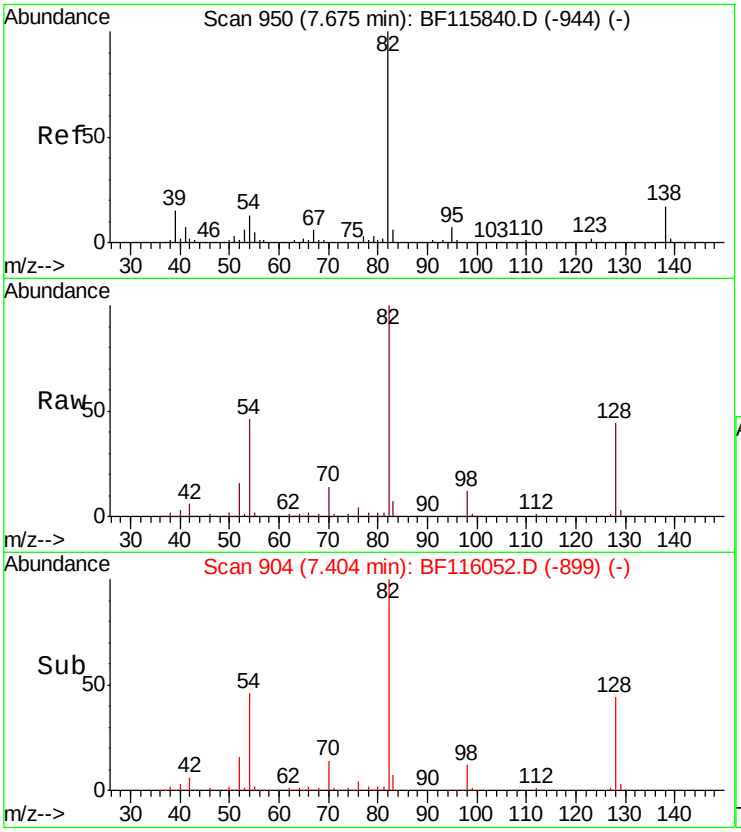


#23
Nitrobenzene-d5
Concen: 85.551 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion: 82 Resp: 827053

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	45.8	36.0	54.0



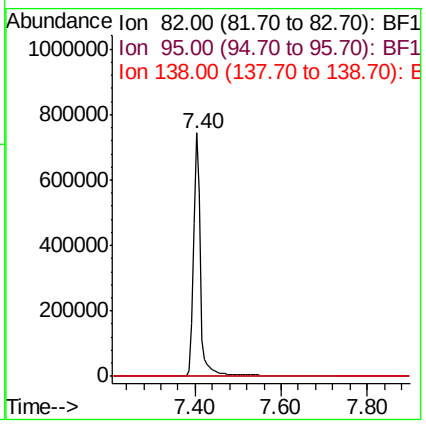


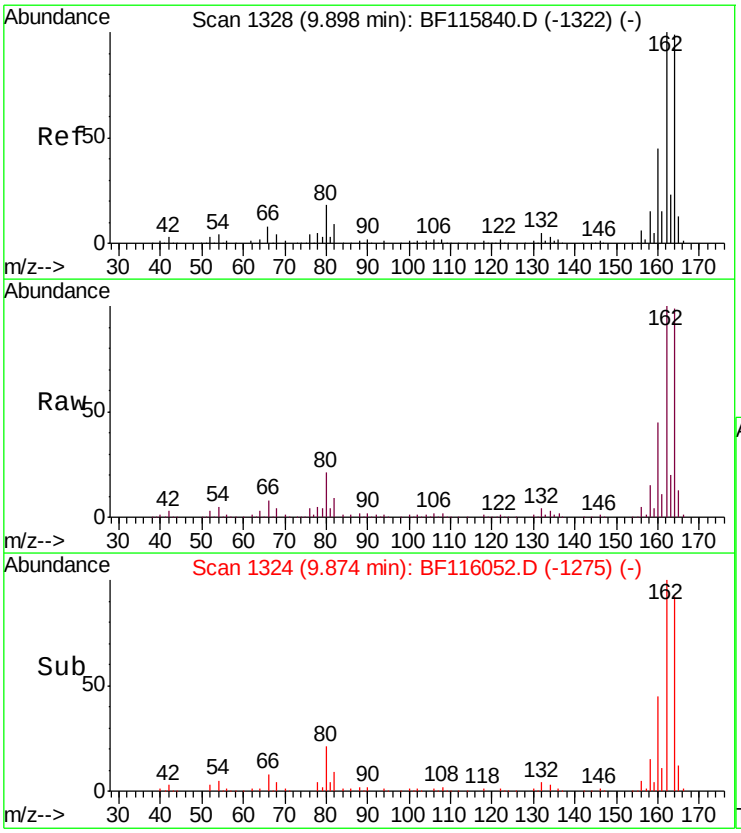
#25
Isophorone
Concen: 44.824 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion: 82 Resp: 828589

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

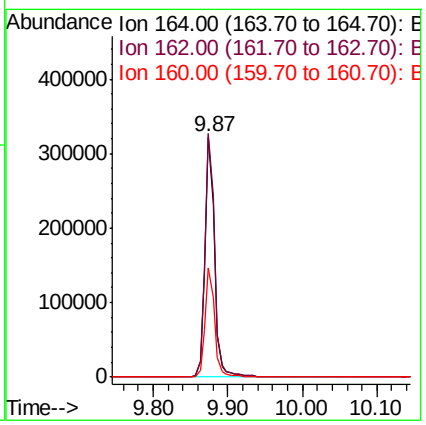


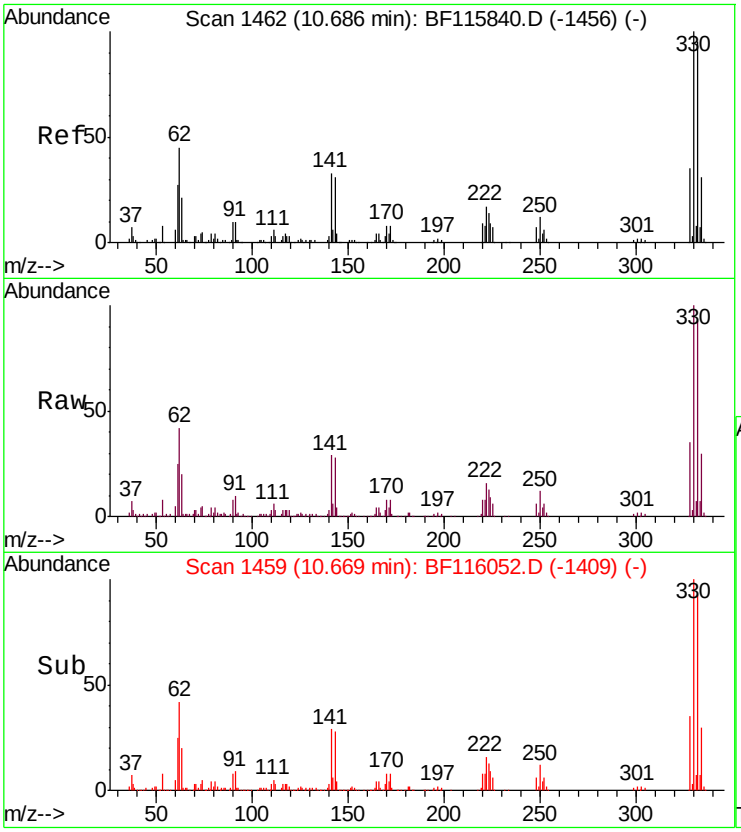


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:164 Resp: 291441

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.4	37.6	56.4



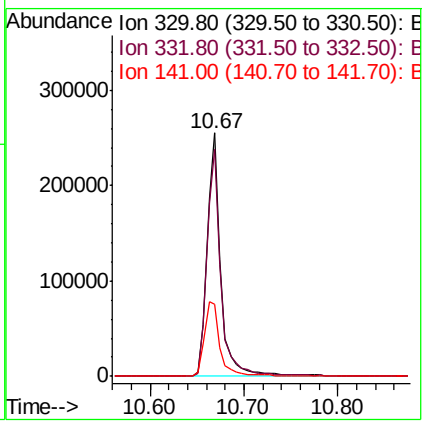


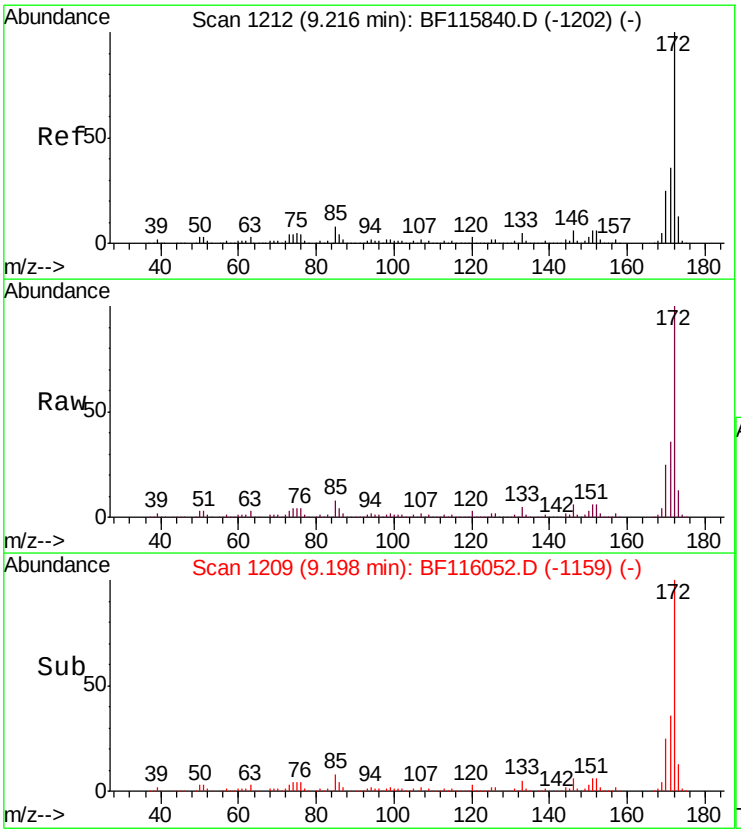
#42
2,4,6-Tribromophenol
Concen: 93.200 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:330 Resp: 263347

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	34.7	26.3	39.5

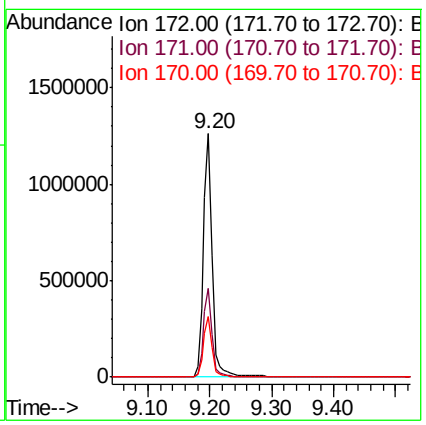


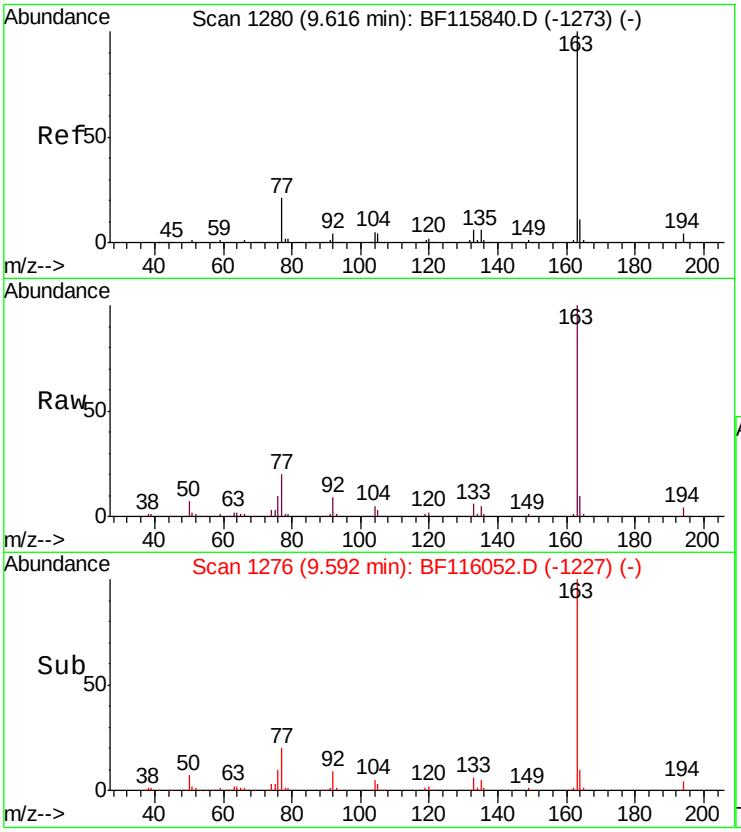


#45
2-Fluorobiphenyl
Concen: 82.172 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:172 Resp: 1278559

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	20.1	30.1



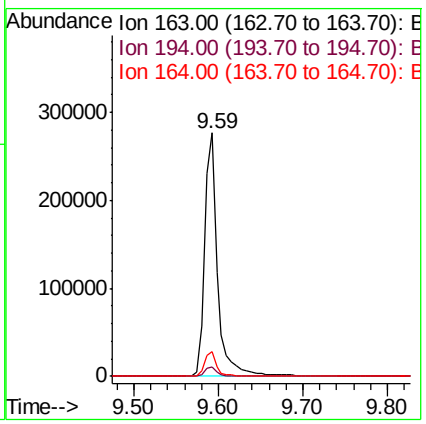


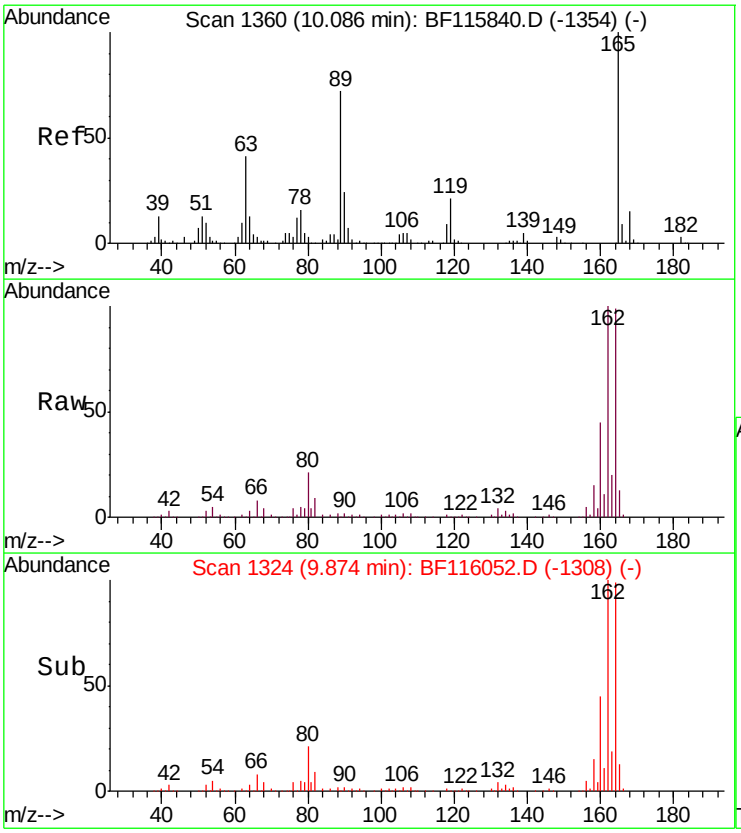
#50
Dimethylphthalate
Concen: 14.784 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:163 Resp: 293375

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.9	8.4	12.6

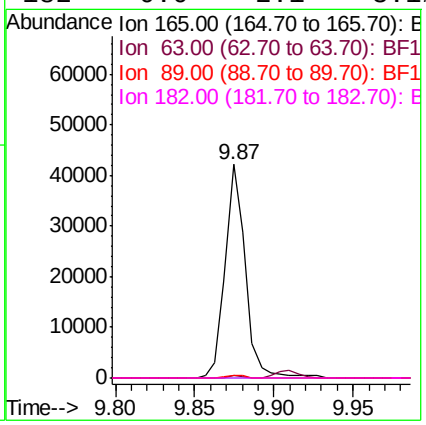


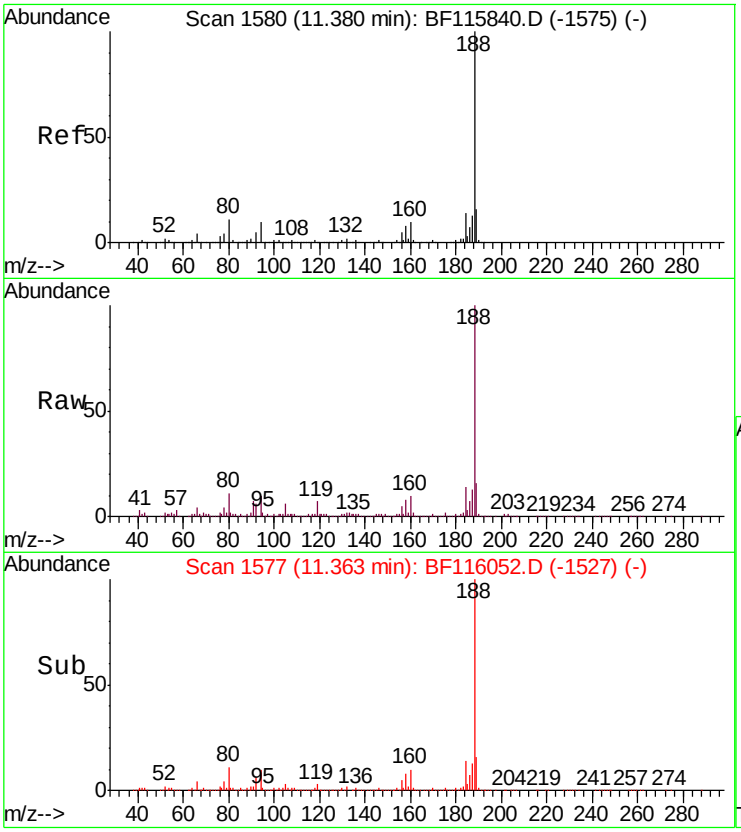


#57
2,4-Dinitrotoluene
Concen: 6.533 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:165 Resp: 37508

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#



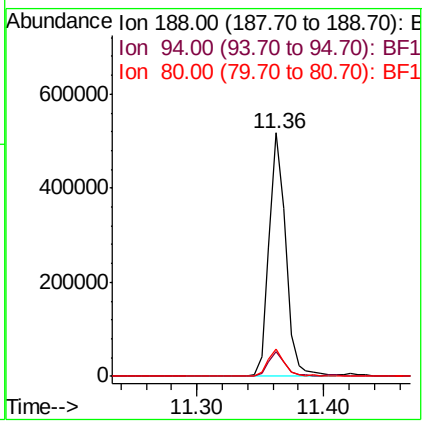


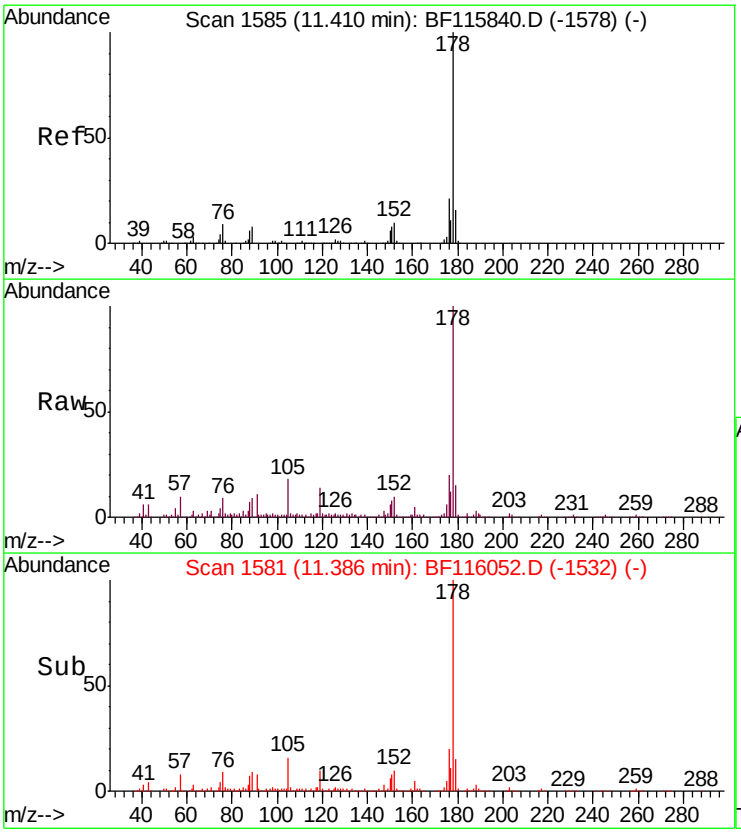
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:188 Resp: 471318

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.2	8.7	13.1

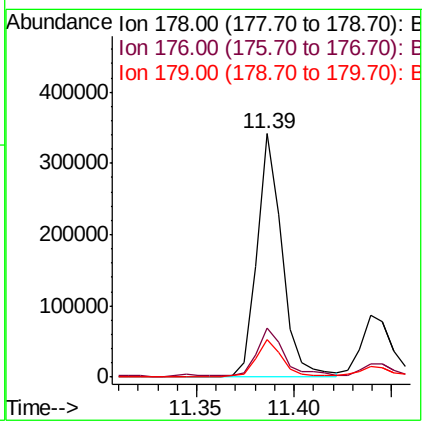


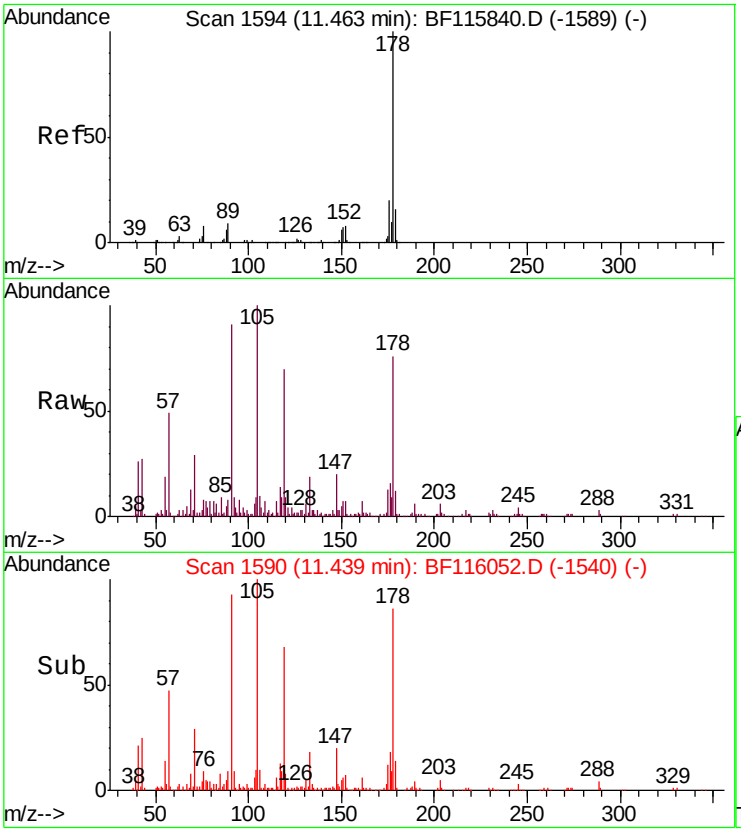


#71
Phenanthrene
Concen: 12.520 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:178 Resp: 301659

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	15.4	12.5	18.7



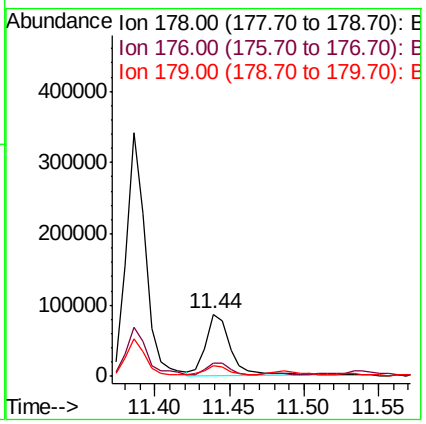


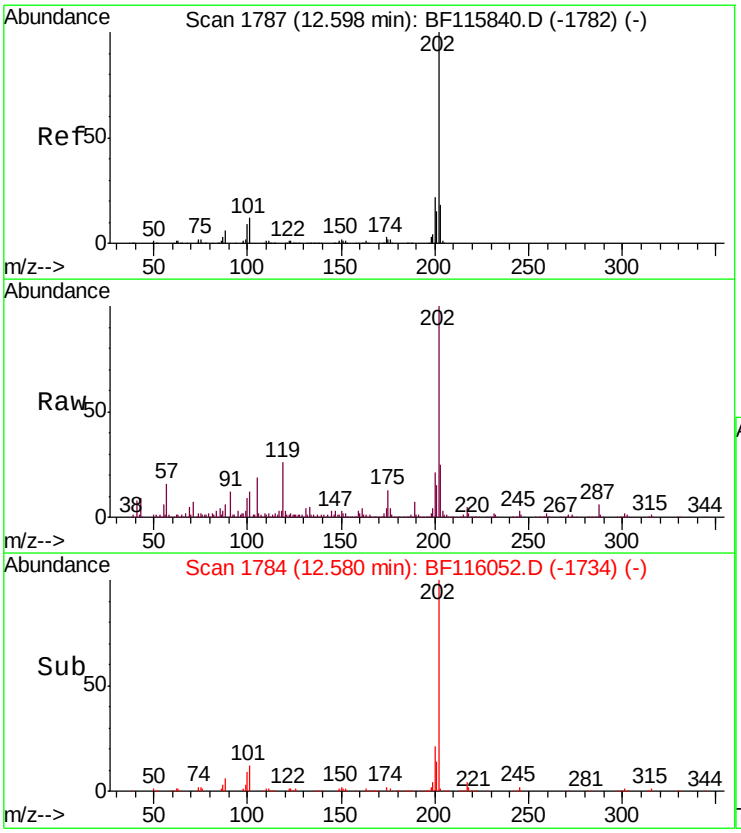
#72
Anthracene
Concen: 4.007 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:178 Resp: 97719

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.7	23.5
179	16.4	13.0	19.6

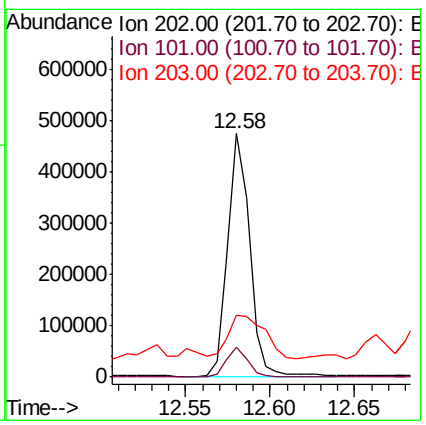


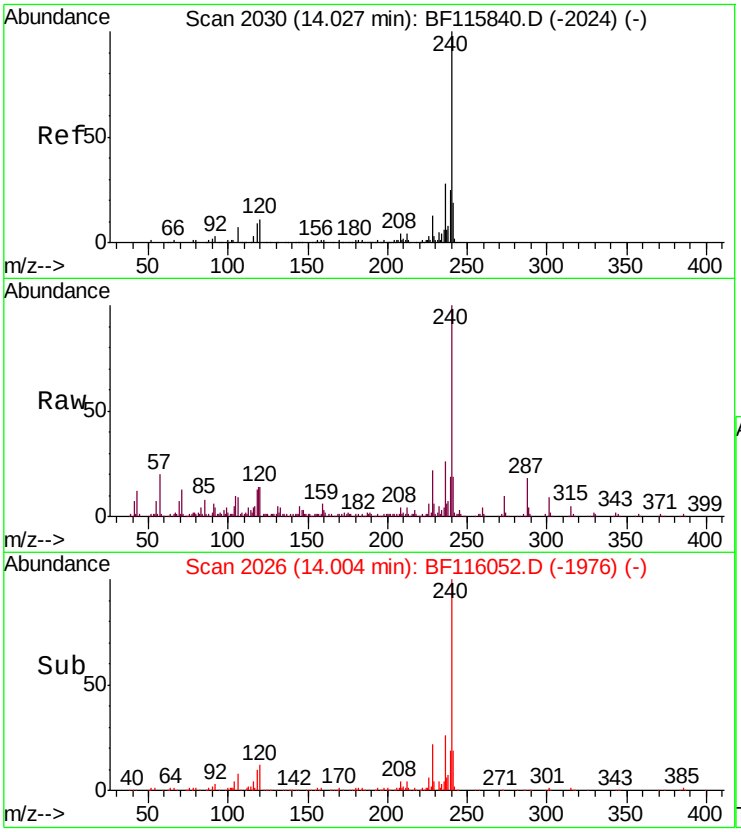


#75
Fluoranthene
Concen: 16.845 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:202 Resp: 424925

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
203	25.3	0.0	37.8



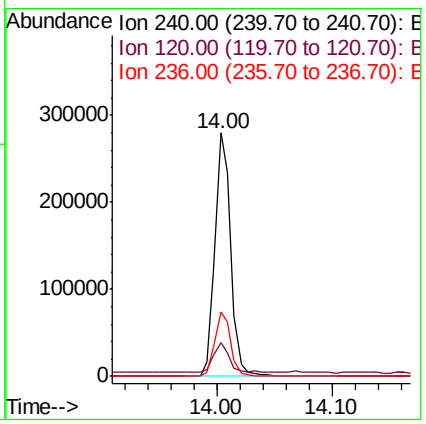


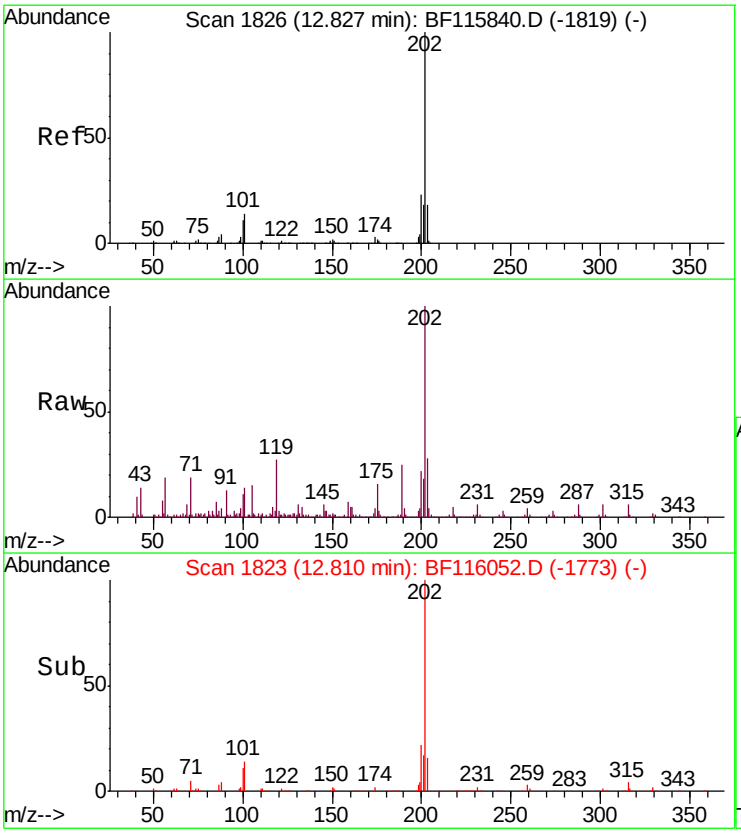
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:240 Resp: 266009

Ion	Ratio	Lower	Upper
240	100		
120	13.7	10.7	16.1
236	26.4	22.2	33.2

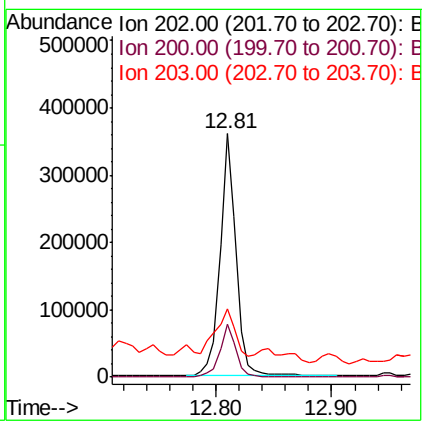


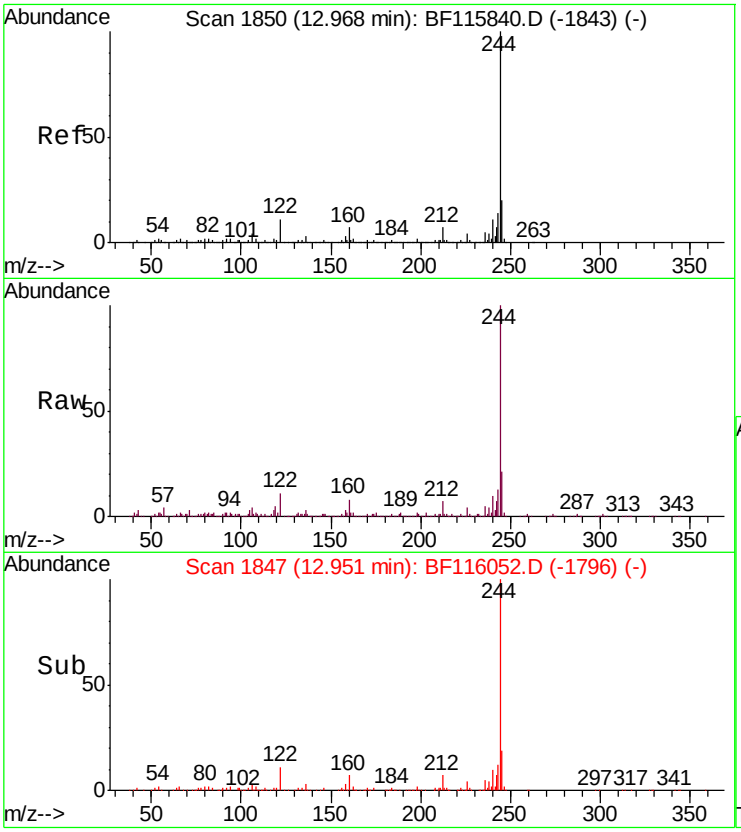


#78
Pyrene
Concen: 17.089 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:202 Resp: 342674

Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	28.3	14.1	21.1#



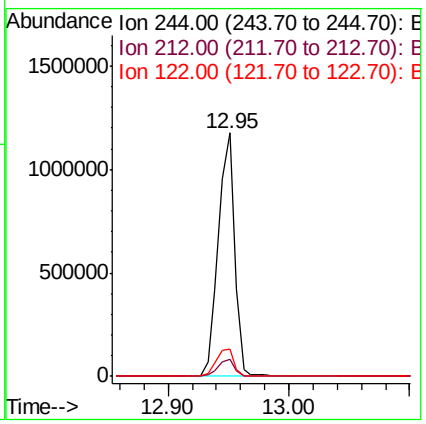


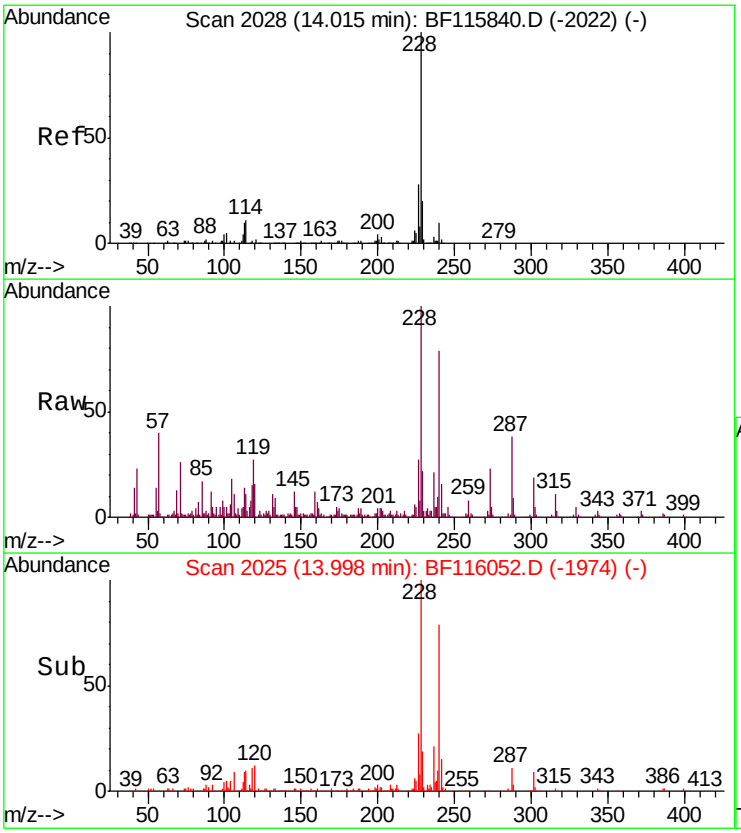
#79
Terphenyl-d14
Concen: 87.277 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:244 Resp: 1101788

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.0	9.0	13.4

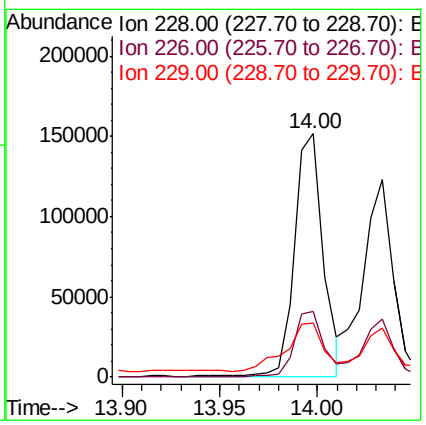


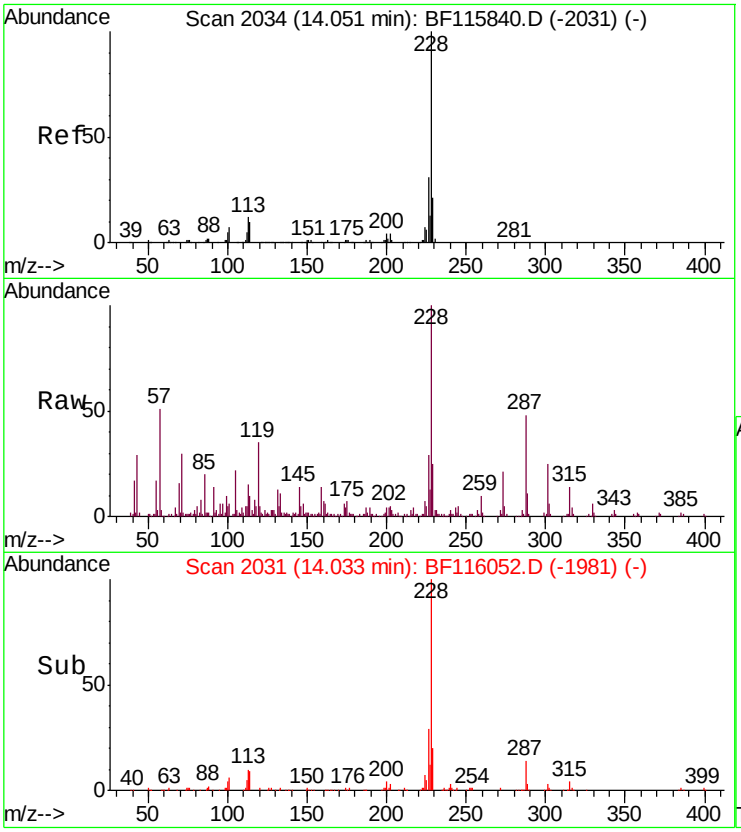


#81
Benzo(a)anthracene
Concen: 8.976 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:228 Resp: 152613

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.7	34.1
229	22.2	16.2	24.4



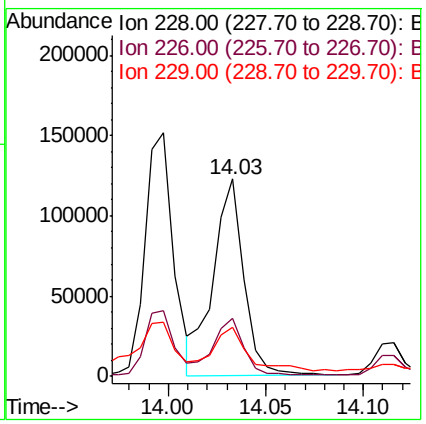


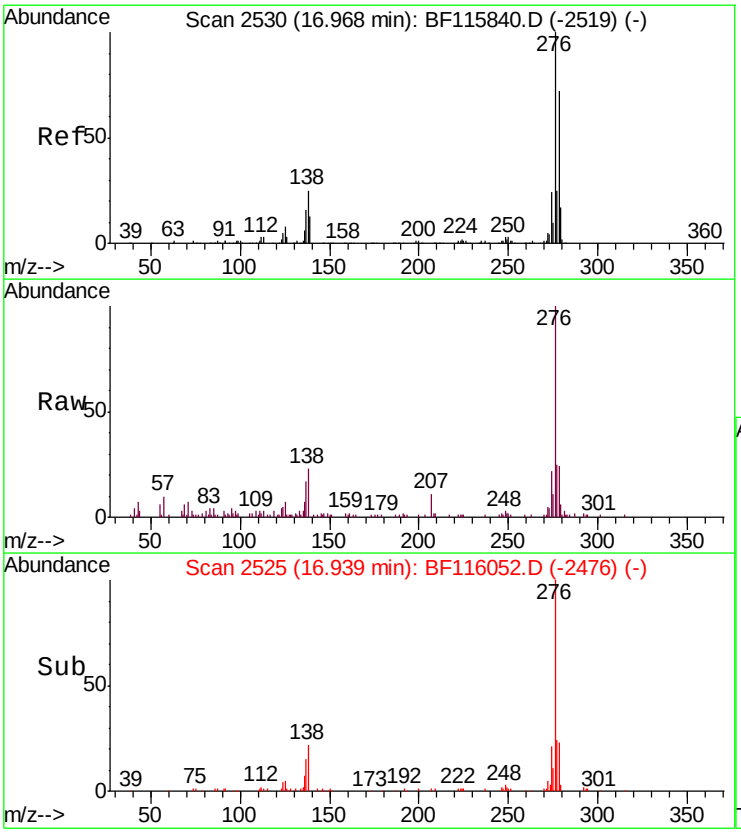
#83
Chrysene
Concen: 8.127 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:228 Resp: 134155

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	24.6	16.6	24.8

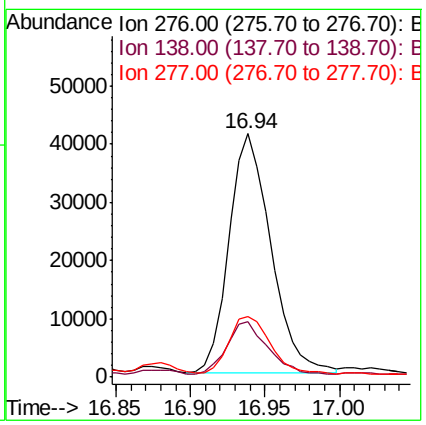


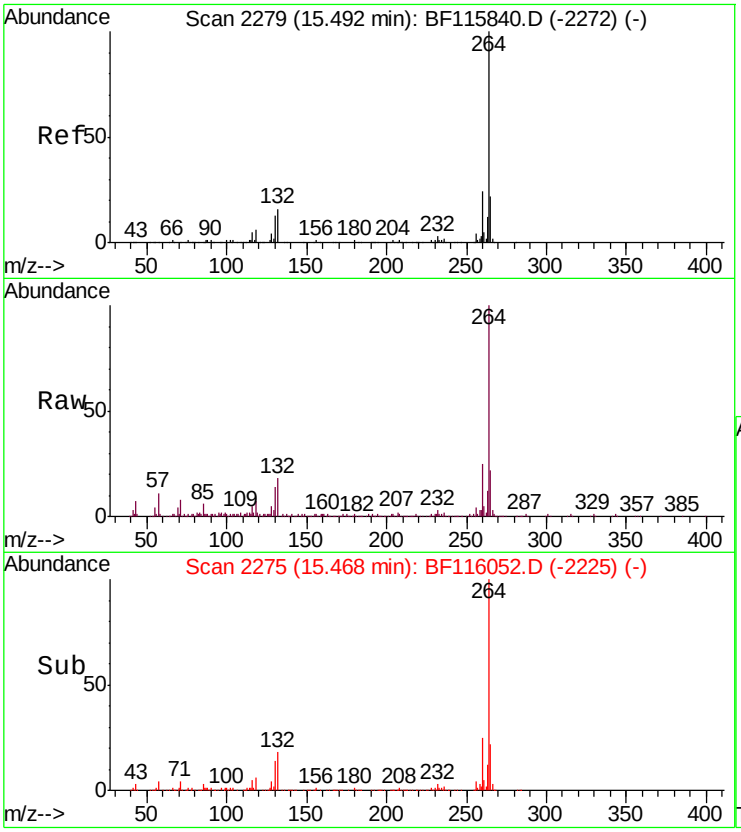


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.772 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:276 Resp: 80028

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.4	30.6
277	23.6	20.0	30.0



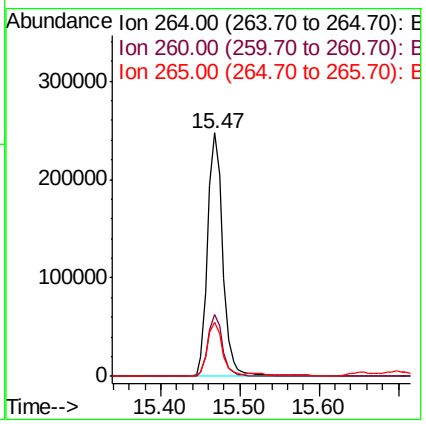


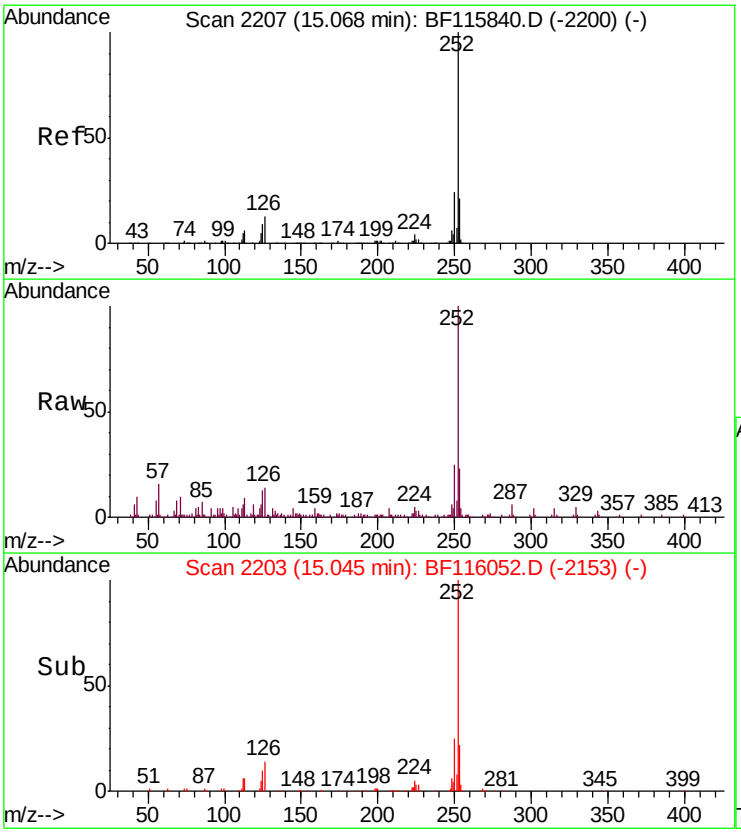
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:264 Resp: 331182

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.4	17.4	26.0

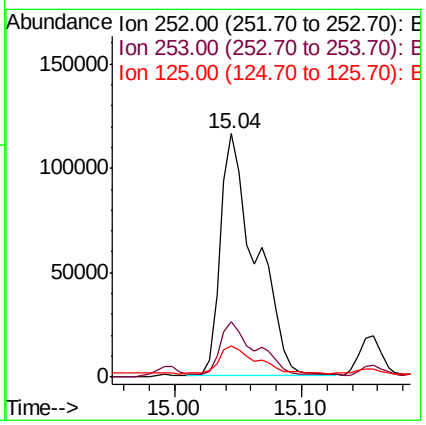


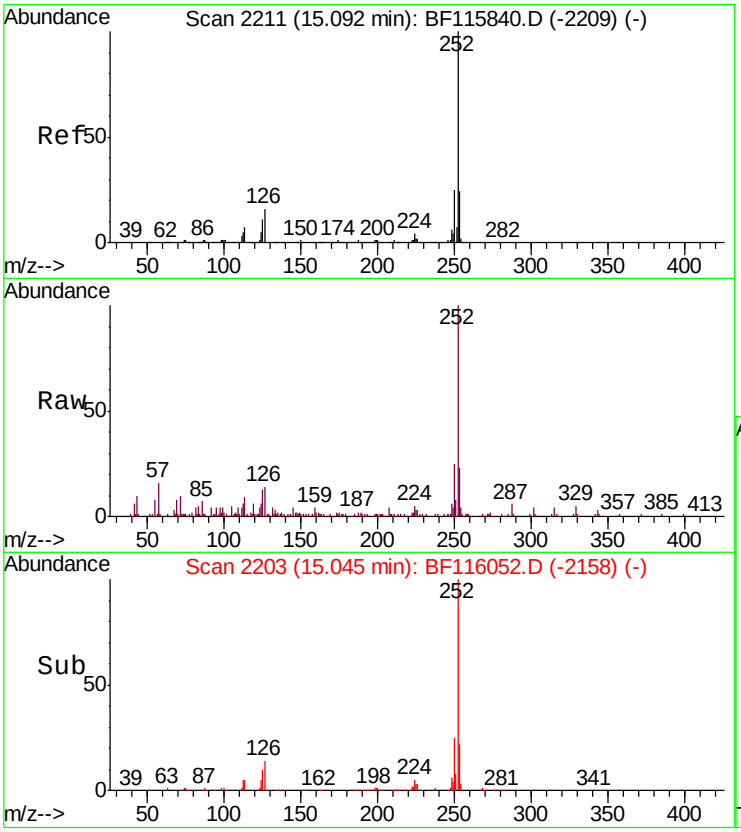


#88
Benzo(b)fluoranthene
Concen: 11.827 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:252 Resp: 226471

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.5	8.4	12.6



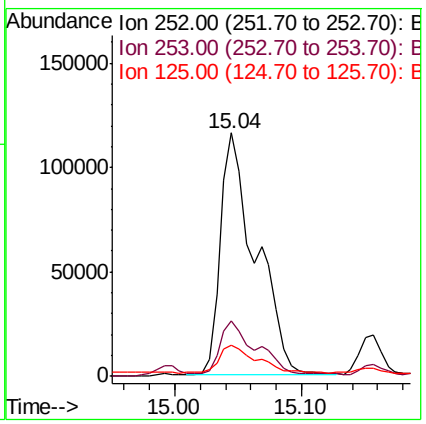


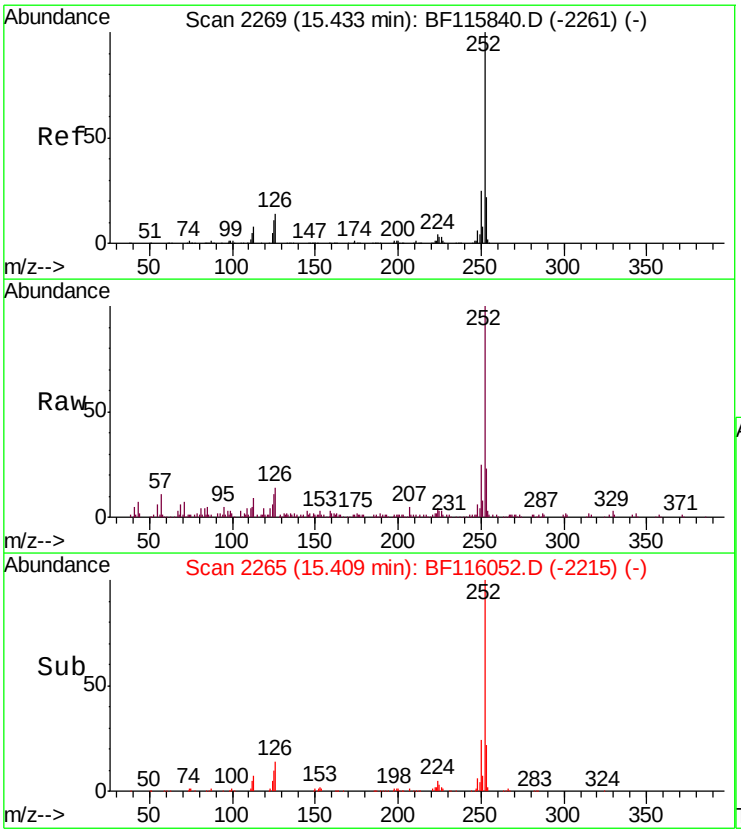
#89
Benzo(k)fluoranthene
Concen: 12.142 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:252 Resp: 226471

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.5	7.7	11.5#

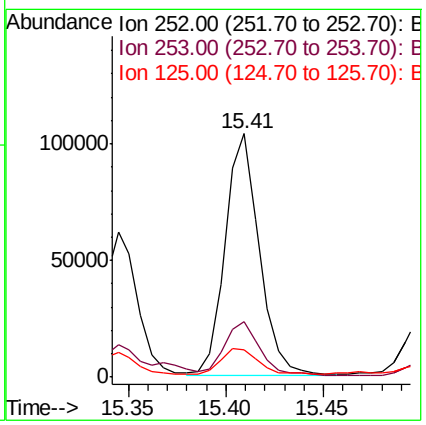


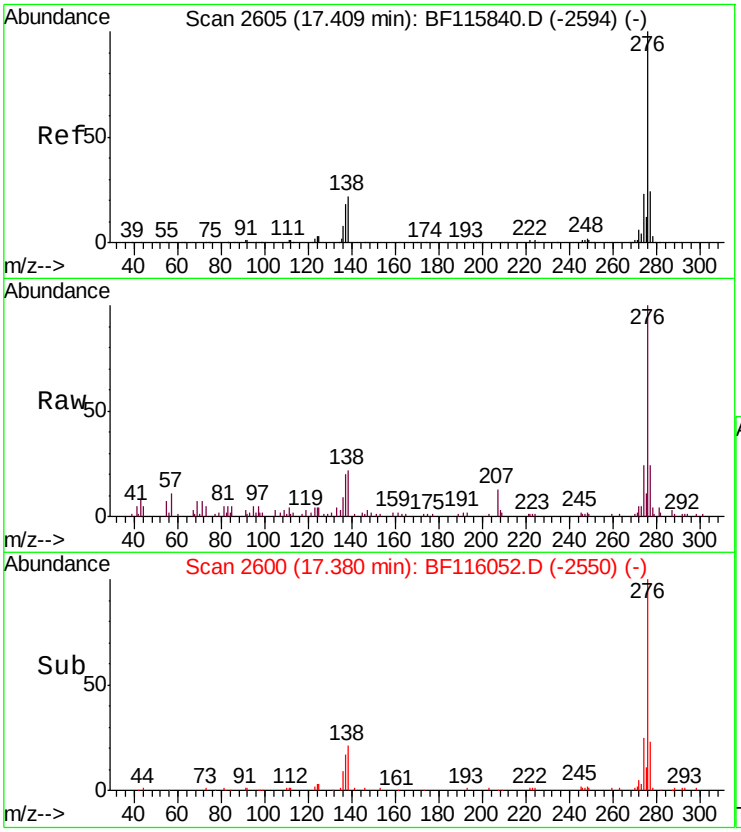


#90
Benzo(a)pyrene
Concen: 7.406 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Tgt Ion:252 Resp: 126778

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.4	8.9	13.3





#92
Benzo(g,h,i)perylene
Concen: 5.324 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF116052.D
Acq: 7 Aug 2019 17:07

Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:276 Resp: 77476

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	22.3	17.0	25.6