Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\

Quantitation Report (Not Reviewed)

Data File : BF115304.D
Acq On : 29 Jun 2019 1:28
Operator : HP/JU
Sample : K3163-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-062719-A

Quant Time: Jun 29 02:40:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	333133	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1269786	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	616218	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	1187527	20.00	ng		0.00
76) Chrysene-d12	13.72	240	856373	20.00	ng		0.00
87) Perylene-d12	15.08	264	694678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	728227	33.73	ng		0.00
7) Phenol-d6	6.24	99	935719	35.71	ng		0.00
23) Nitrobenzene-d5	7.15	82	533950	25.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.41	330	255987	39.39	ng		0.00
45) 2-Fluorobiphenyl	8.95	172	1077474	29.70	ng		0.00
79) Terphenyl-d14	12.68	244	1155312	28.68	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.15	70	71826	4.282	ng	#	78
25) Isophorone	7.15	82	530860	12.554	ng	#	63
50) Dimethylphthalate	9.35	163	152302	3.359	ng		98
54) 2,4-Dinitrophenol	9.87	184	130	7.366	ng	#	1
57) 2,4-Dinitrotoluene	9.62	165	86502	6.401	ng	#	31
58) Fluorene	10.17	166	18833	Below Cal		#	91
61) 4-Chlorophenyl-phenylether	10.19	204	621	Below Cal		#	1
65) 4,6-Dinitro-2-methylphenol	10.34	198	118	4.977	ng	#	1
71) Phenanthrene	11.12	178	225138	3.521	ng		96
75) Fluoranthene	12.30	202	624785	9.794	ng		99
78) Pyrene	12.53	202	583838	8.871	ng		99
81) Benzo(a)anthracene	13.74	228	292229	4.756	ng		94
83) Chrysene	13.74	228	292229	5.192	ng		97
88) Benzo(b)fluoranthene	14.71	252	431267	9.949	ng	#	90
89) Benzo(k)fluoranthene	14.71	252	431267	11.095	ng	#	93
90) Benzo(a)pyrene	15.02	252	200764	5.139	ng	#	92
92) Benzo(g,h,i)perylene	16.72	276	96216	2.606	ng	#	92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062819\

Quantitation Report (Not Reviewed)

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Acq On : 29 Jun 2019 1:28
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Sample : K3163-13 2X
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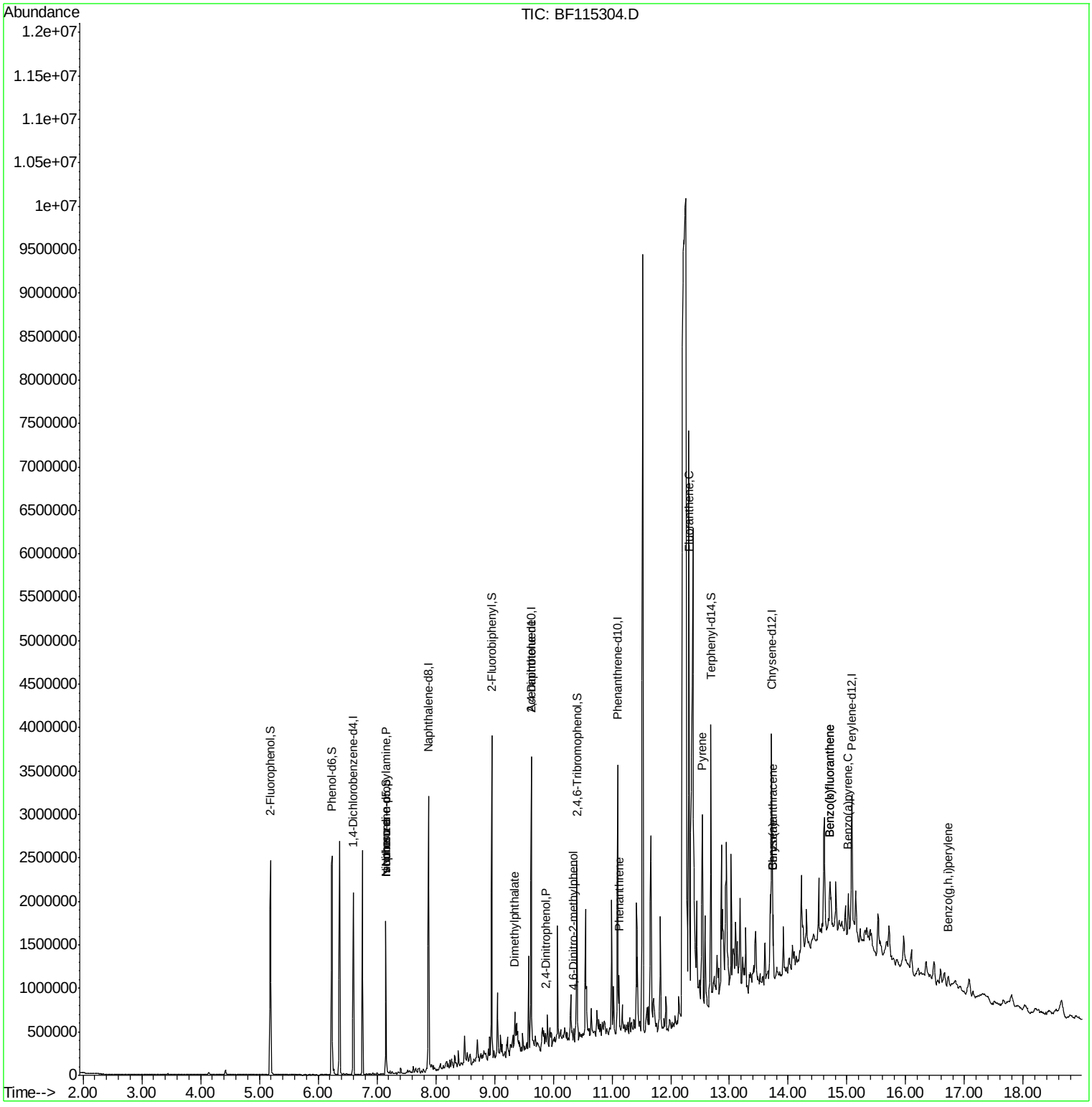
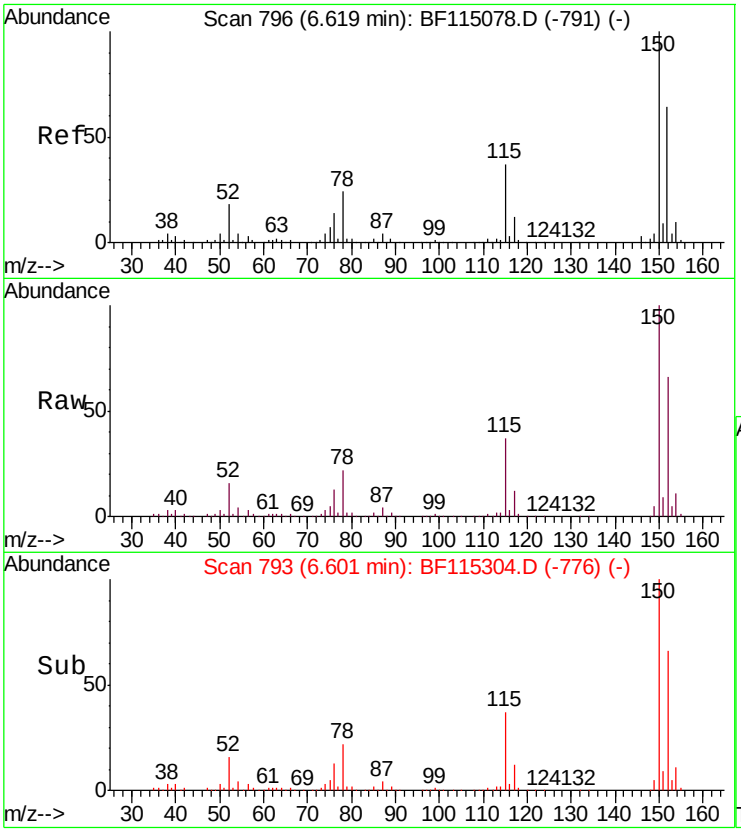
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration



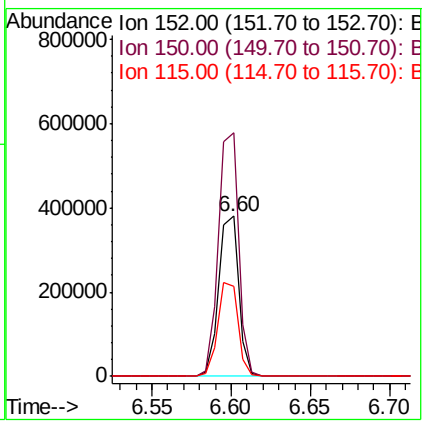


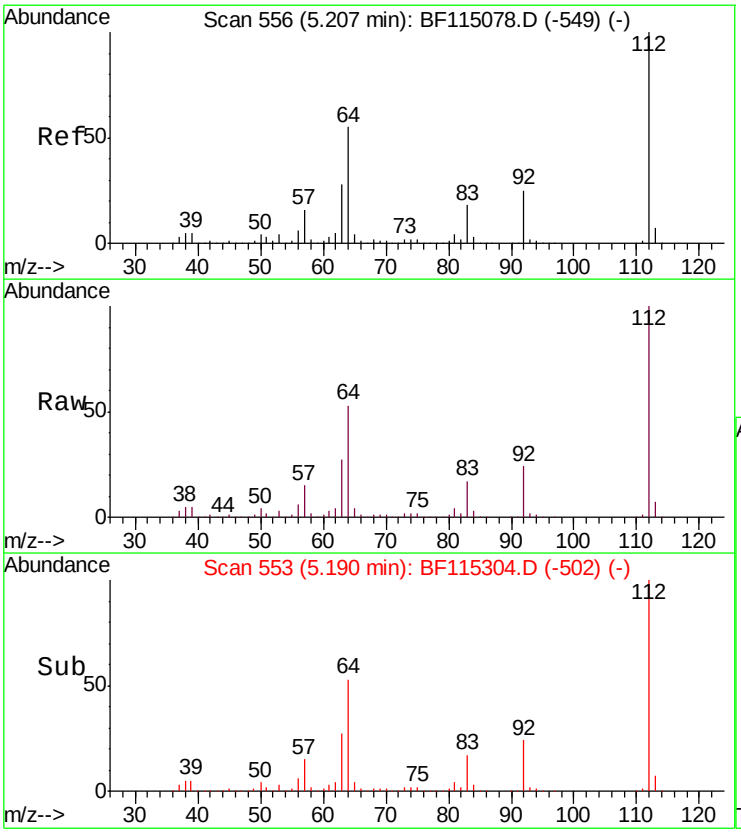
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:152 Resp: 333133

Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.2
115	56.3	46.1	69.1

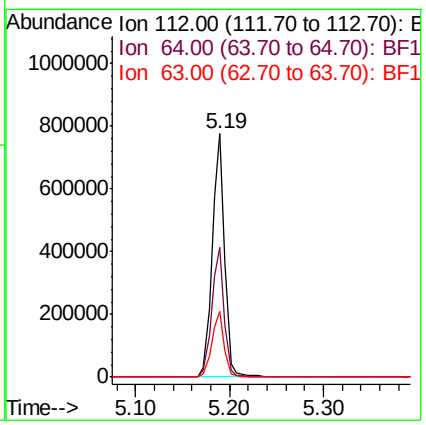


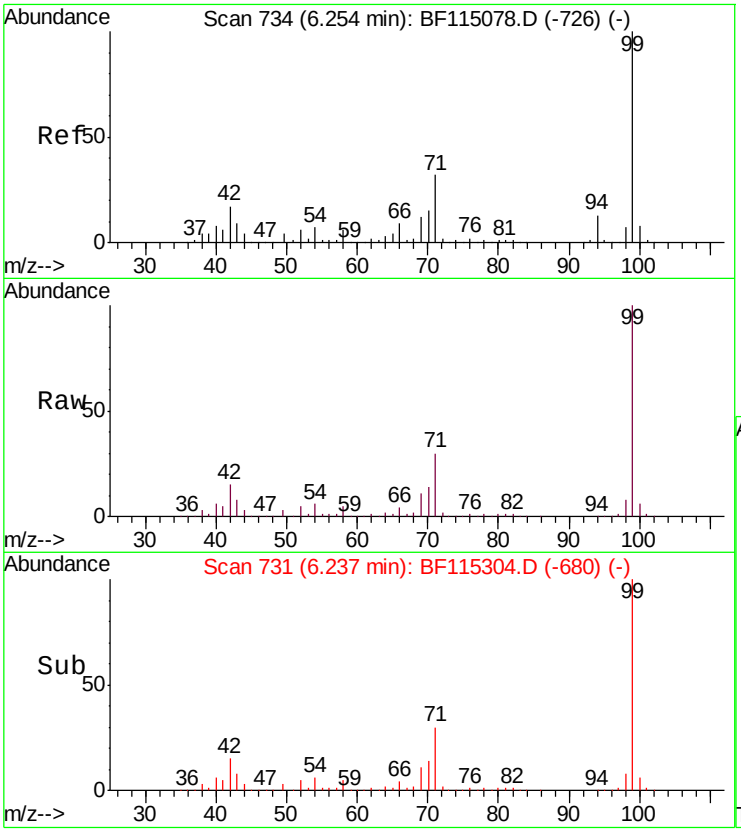


#5
2-Fluorophenol
Concen: 33.734 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:112 Resp: 728227

Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.8	65.6
63	27.2	22.2	33.4



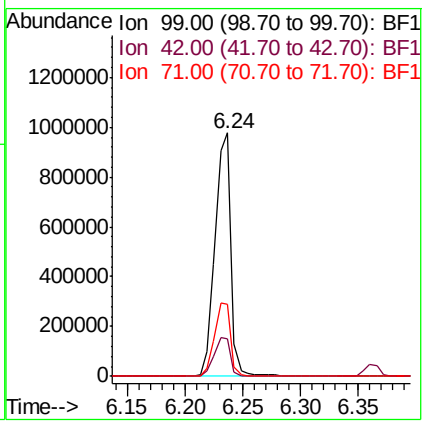


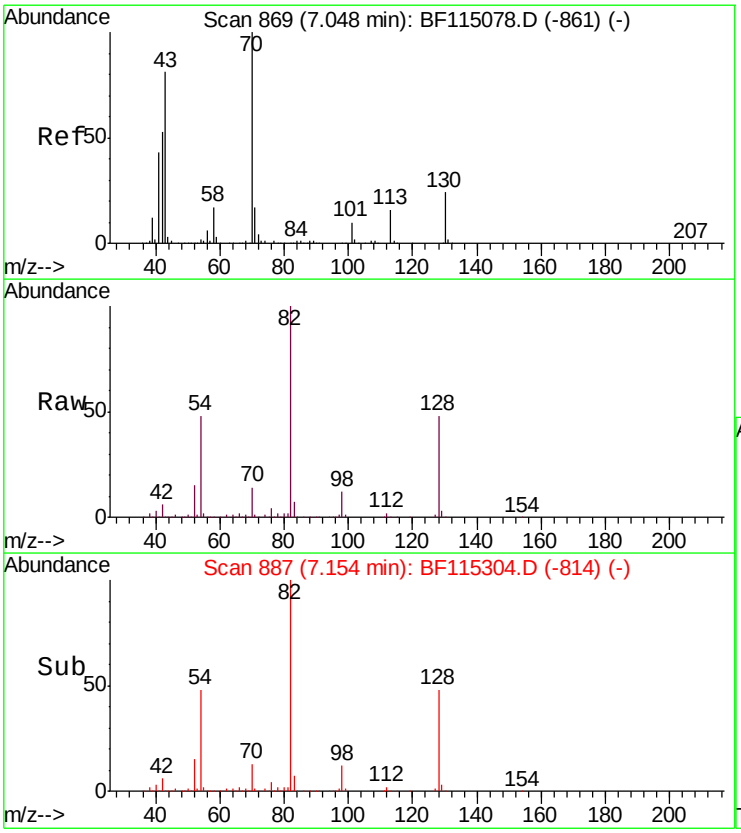
#7
Phenol-d6
Concen: 35.712 ng
RT: 6.24 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion: 99 Resp: 935719

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.6	20.4
71	29.9	25.5	38.3

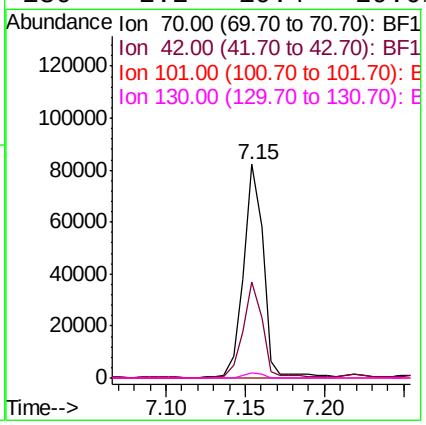


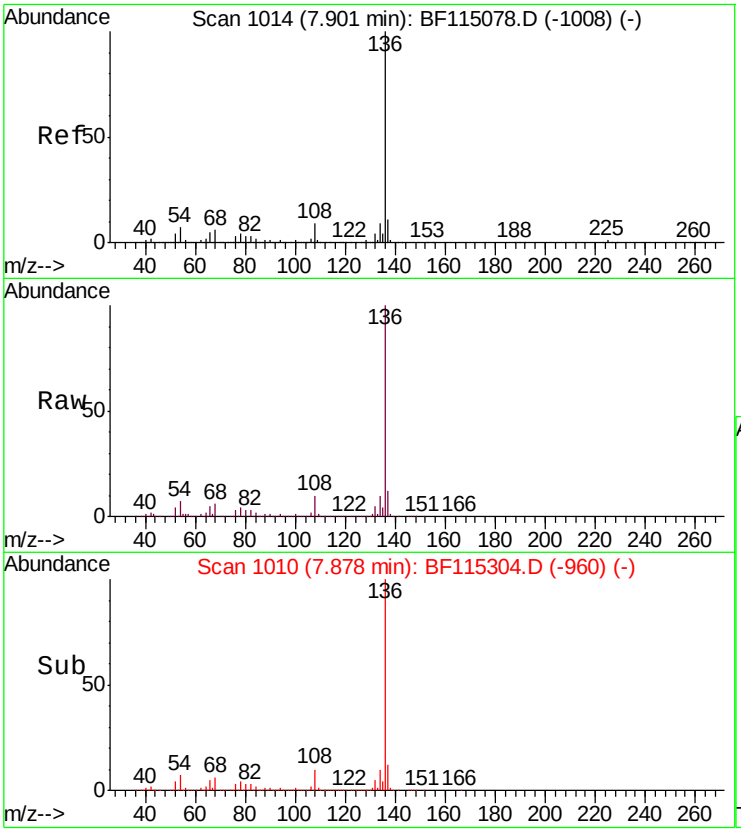


#19
n-Nitroso-di-n-propylamine
Concen: 4.282 ng
RT: 7.15 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion: 70 Resp: 71826

Ion	Ratio	Lower	Upper
70	100		
42	45.2	42.6	63.8
101	0.0	8.0	12.0#
130	2.2	19.4	29.0#



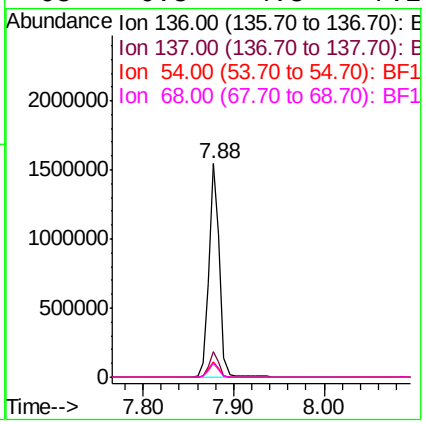


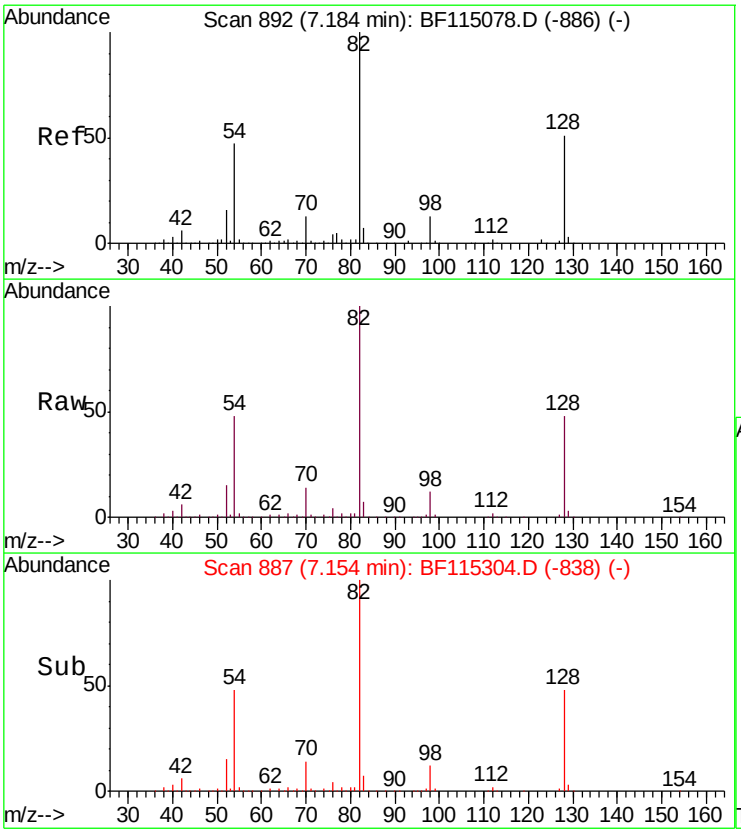
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:136 Resp: 1269786

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.3	5.6	8.4
68	6.3	4.8	7.2

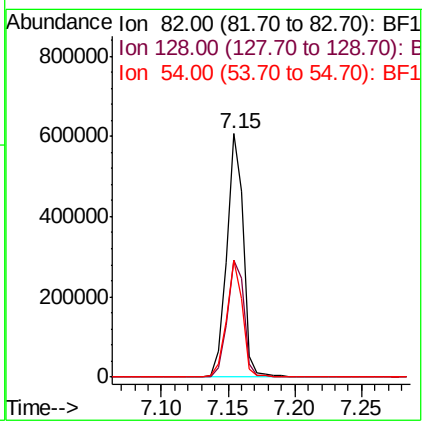


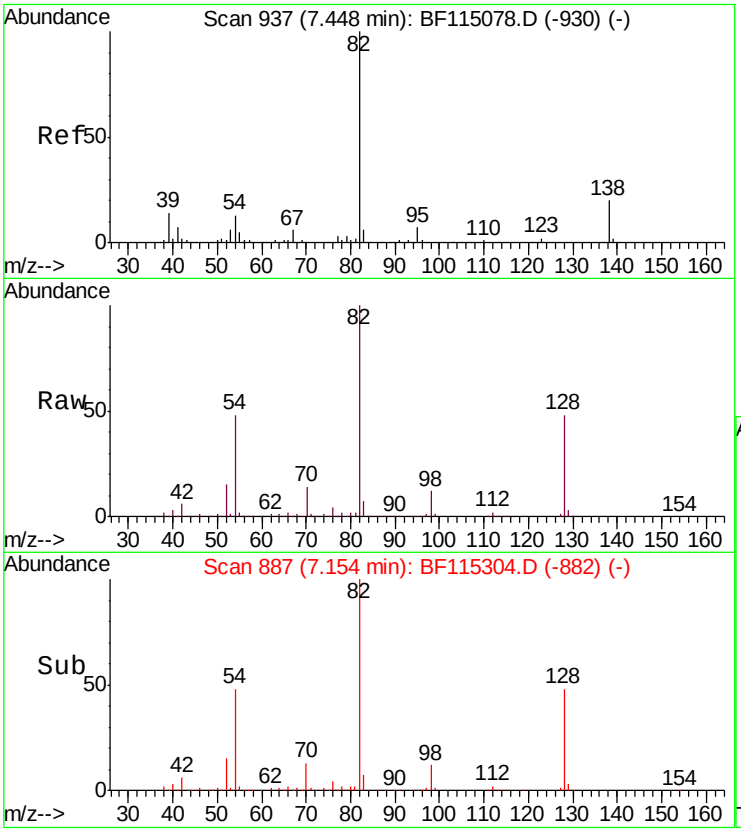


#23
Nitrobenzene-d5
Concen: 25.867 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion: 82 Resp: 533950

Ion	Ratio	Lower	Upper
82	100		
128	47.8	40.4	60.6
54	47.9	37.5	56.3



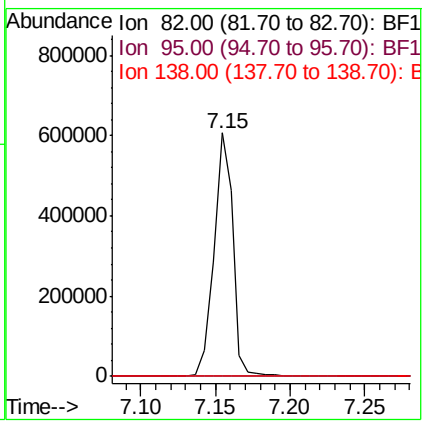


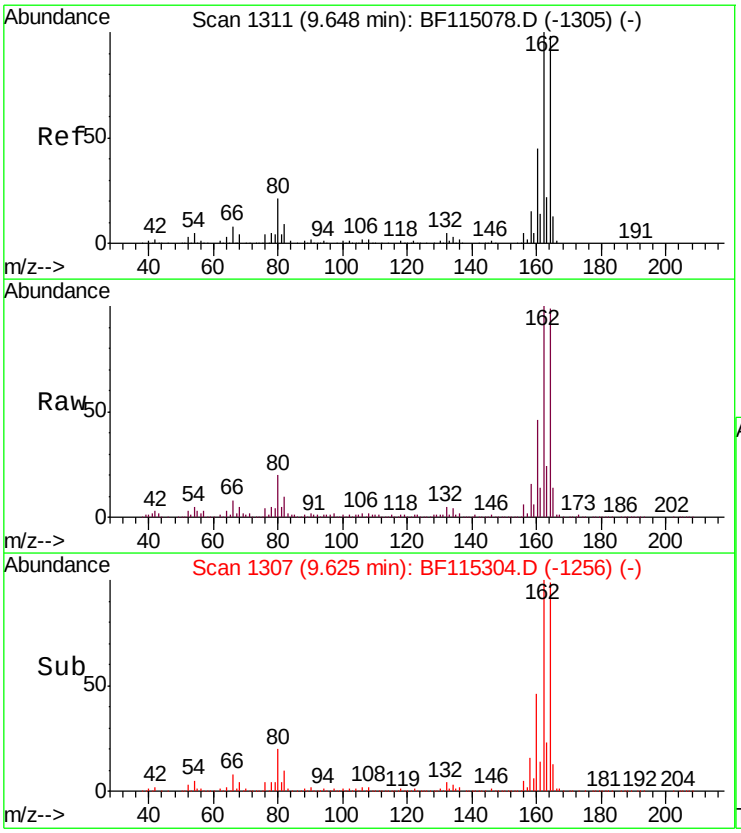
#25
Isophorone
Concen: 12.554 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.27 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion: 82 Resp: 530860

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.9	23.9#

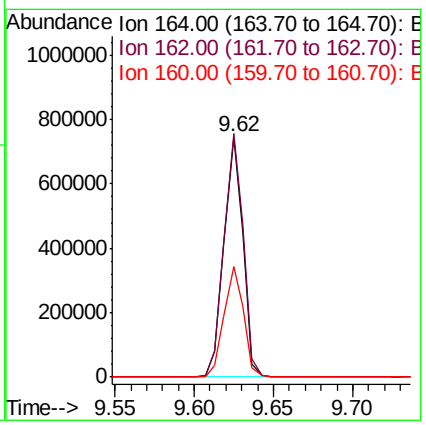


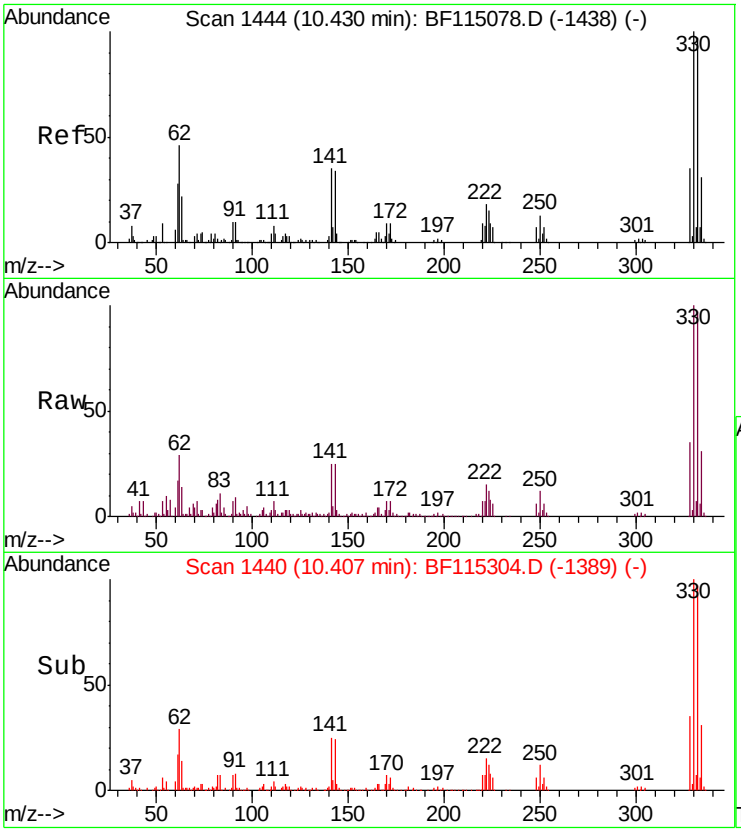


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:164 Resp: 616218

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	46.2	37.0	55.4



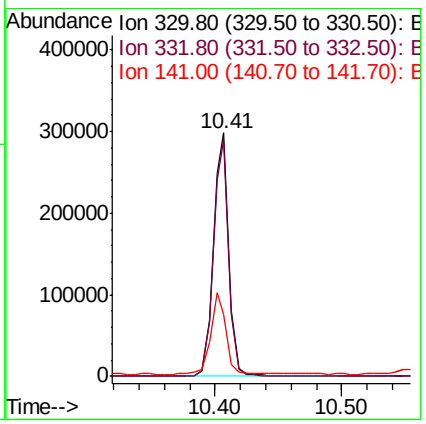


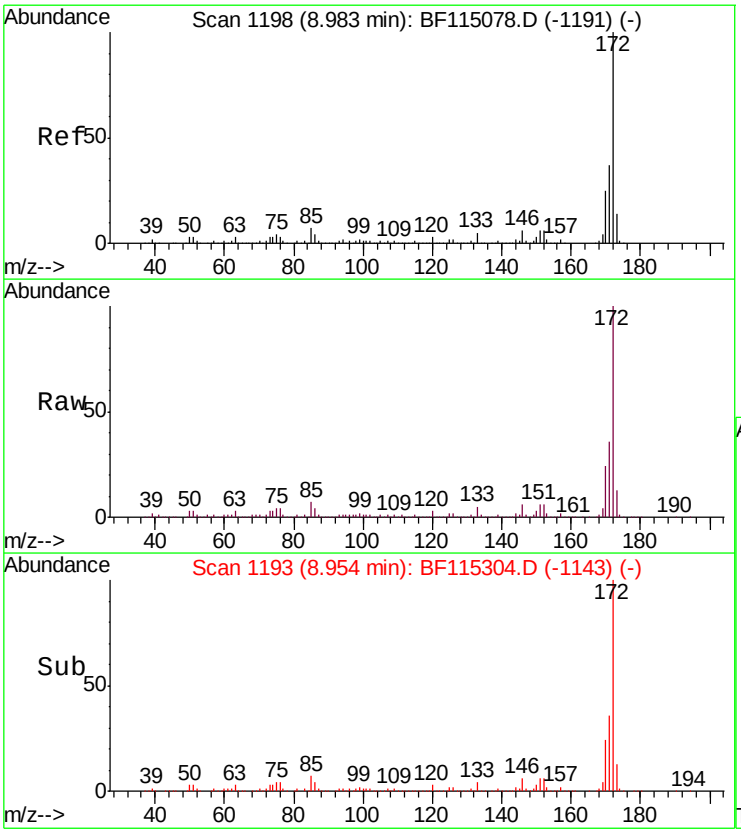
#42
2,4,6-Tribromophenol
Concen: 39.393 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:330 Resp: 255987

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.1	28.2	42.2

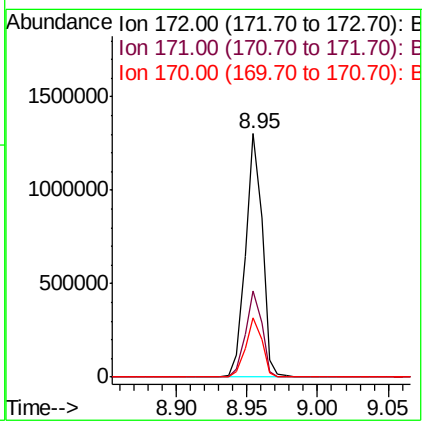


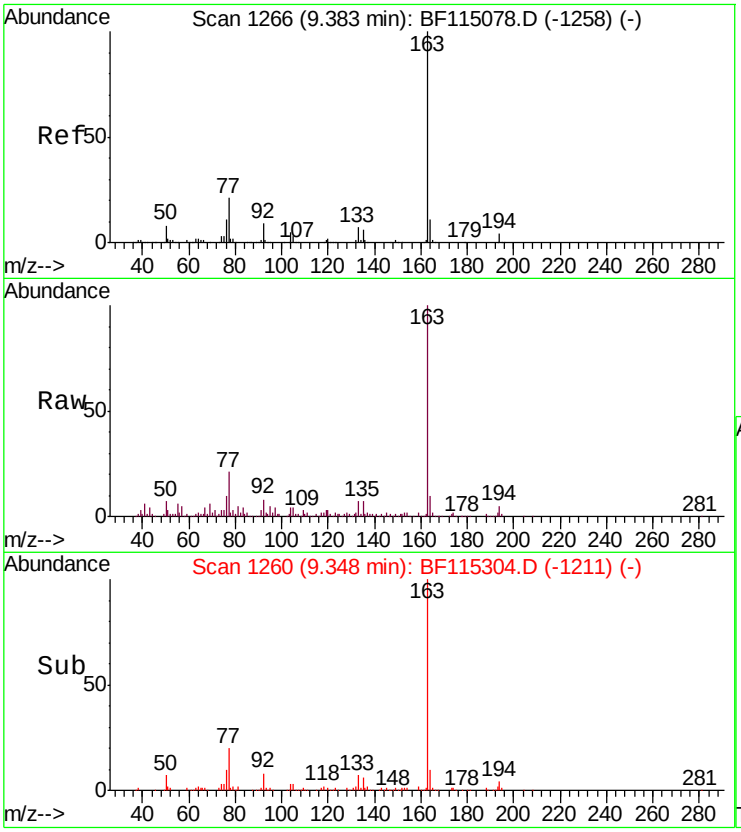


#45
2-Fluorobiphenyl
Concen: 29.701 ng
RT: 8.95 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:172 Resp: 1077474

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	24.1	20.3	30.5



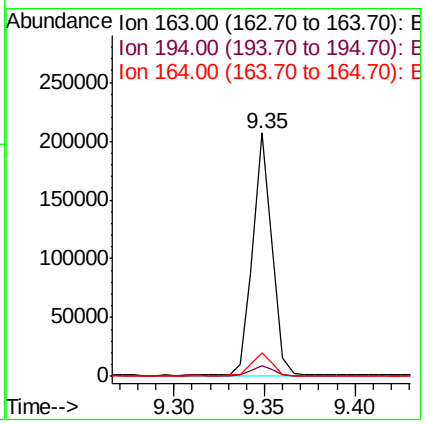


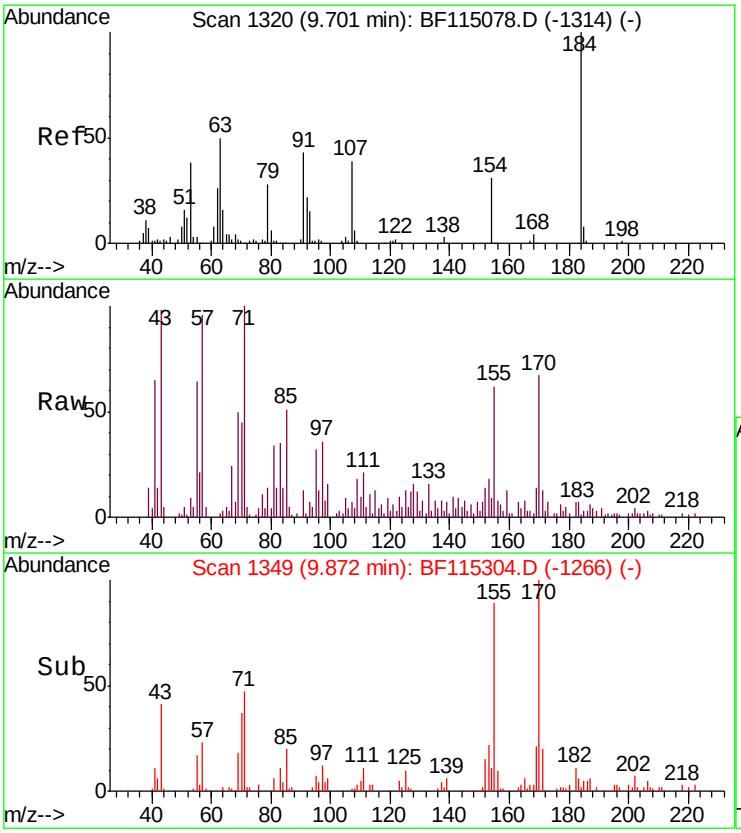
#50
Dimethylphthalate
Concen: 3.359 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:163 Resp: 152302

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.9	8.6	13.0

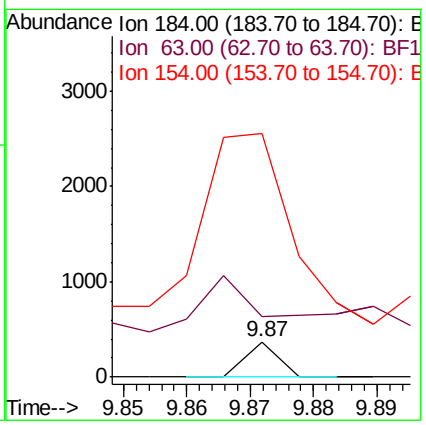


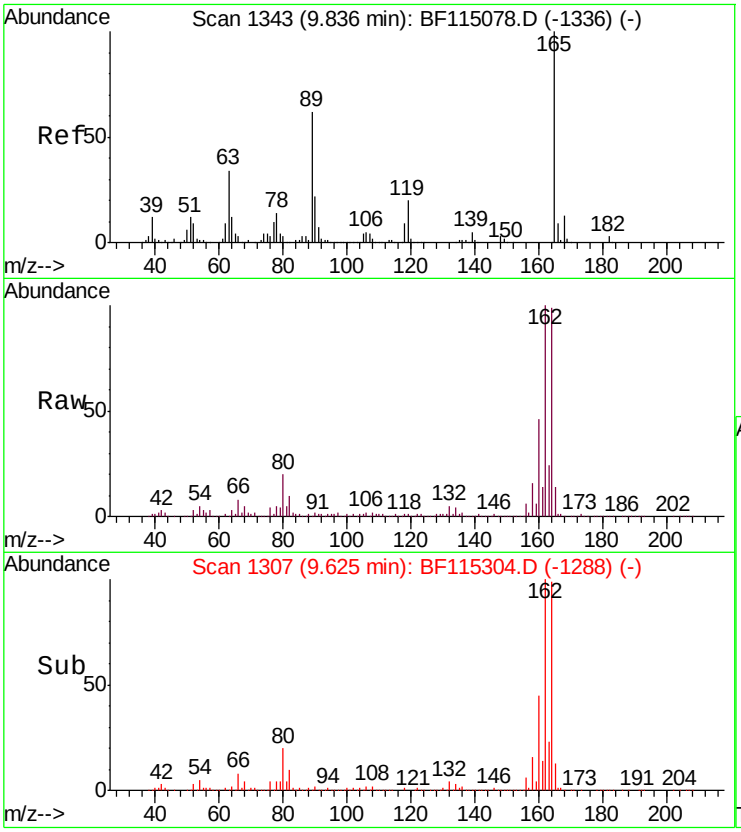


#54
2,4-Dinitrophenol
Concen: 7.366 ng
RT: 9.87 min Scan# 1349
Delta R.T. 0.19 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:184 Resp: 130

Ion	Ratio	Lower	Upper
184	100		
63	174.7	41.9	62.9#
154	696.2	44.7	67.1#



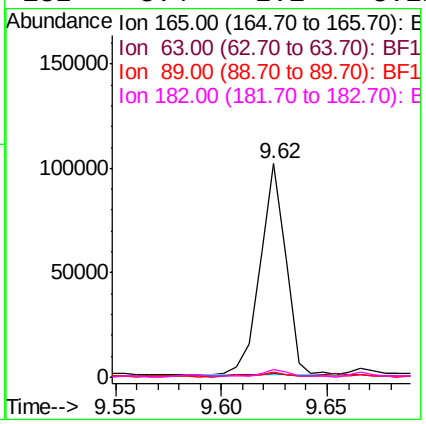


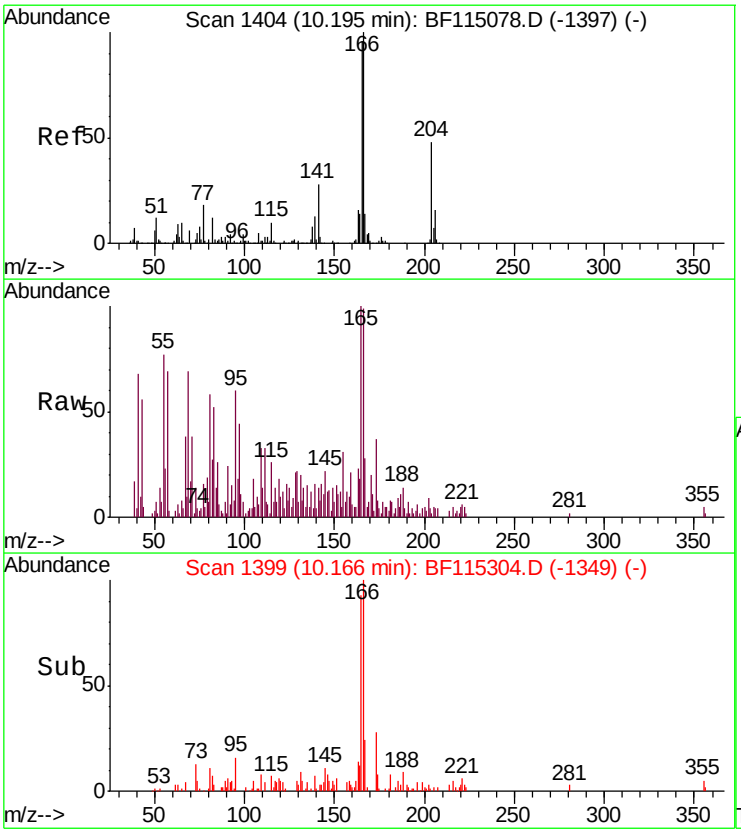
#57
2,4-Dinitrotoluene
Concen: 6.401 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:165 Resp: 86502

Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.5	41.3#
89	2.3	49.9	74.9#
182	3.4	2.1	3.1#

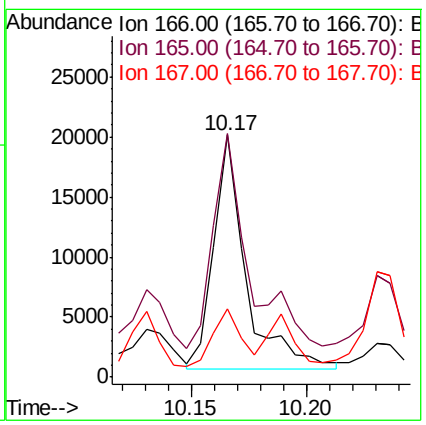


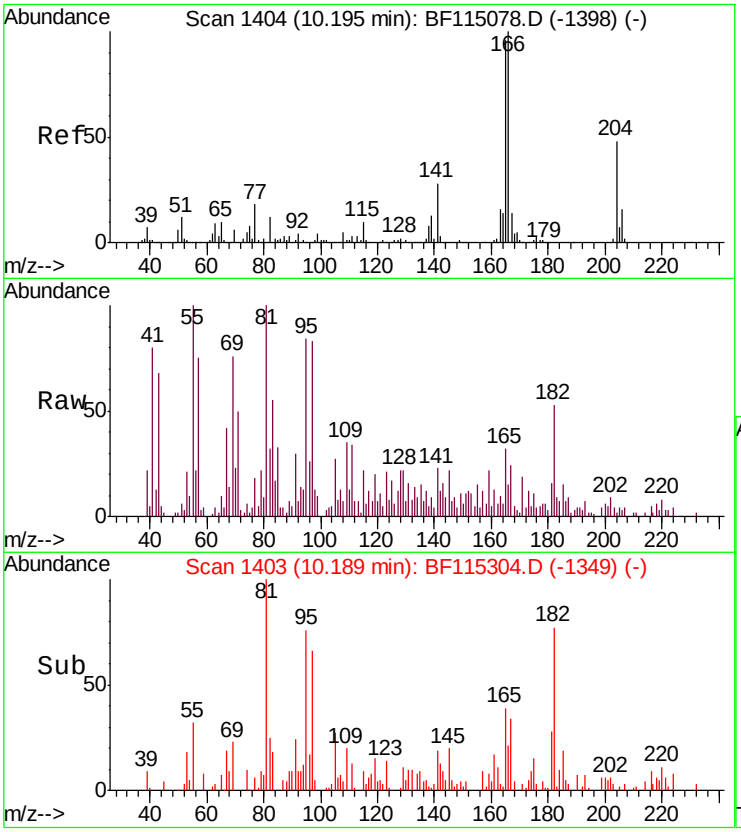


#58
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:166 Resp: 18833

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.5	114.7
167	28.1	11.0	16.4#



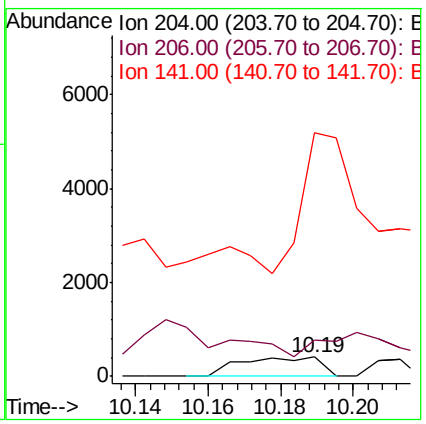


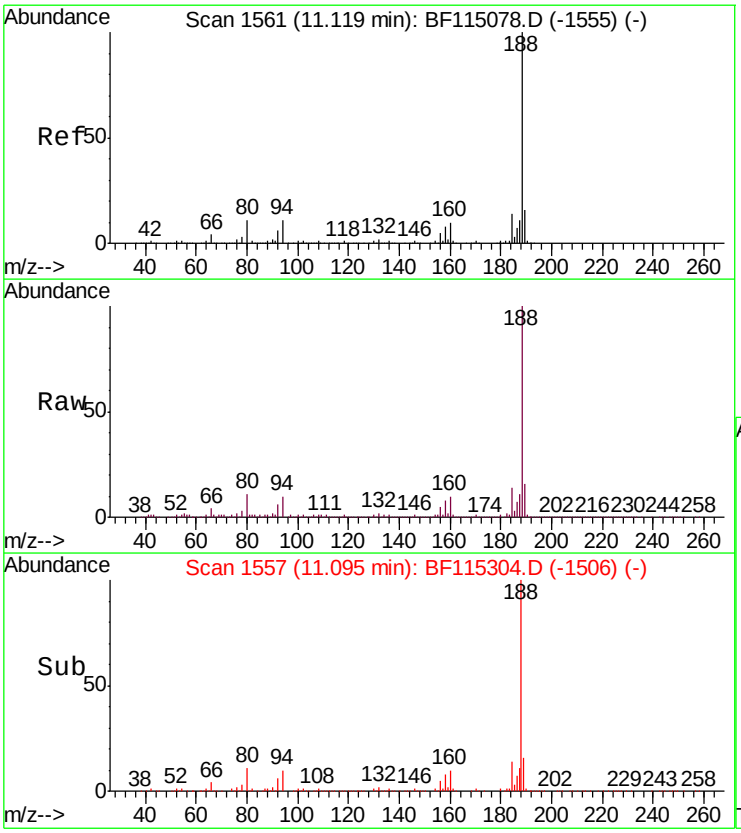
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:204 Resp: 621

Ion	Ratio	Lower	Upper
204	100		
206	184.0	26.6	40.0#
141	1255.2	46.7	70.1#

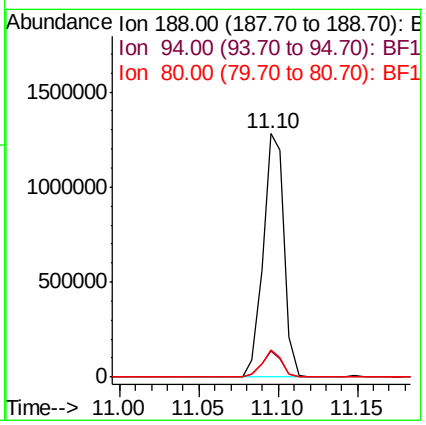


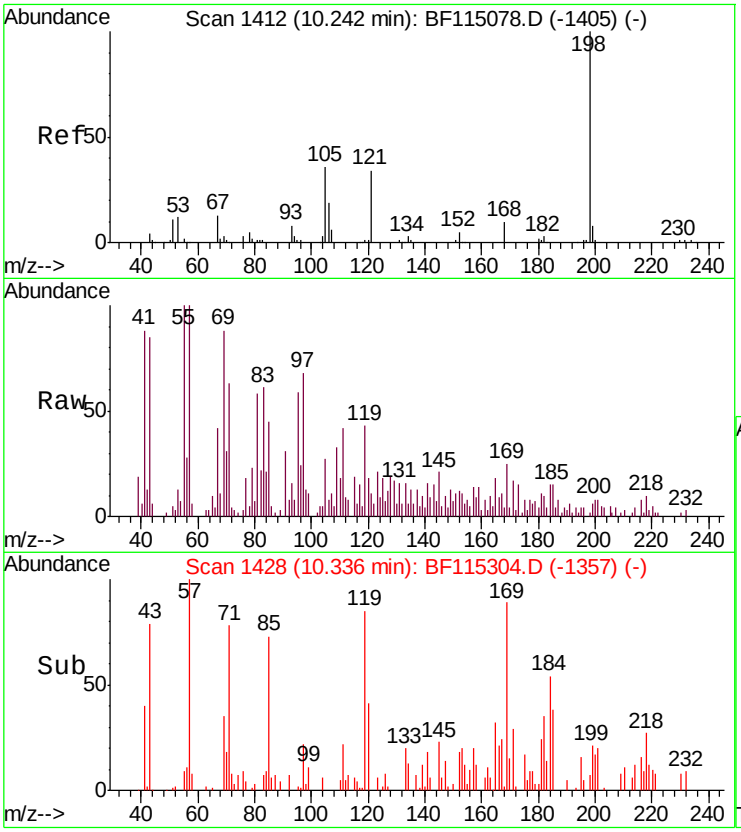


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:188 Resp: 1187527

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	12.8
80	11.1	8.8	13.2



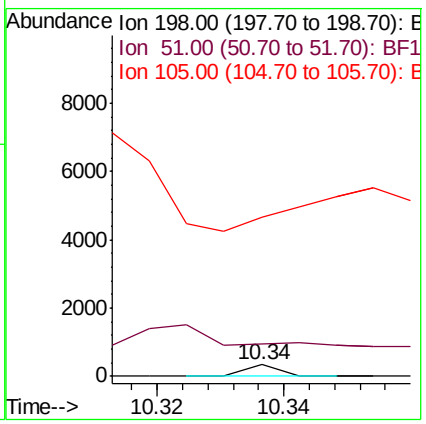


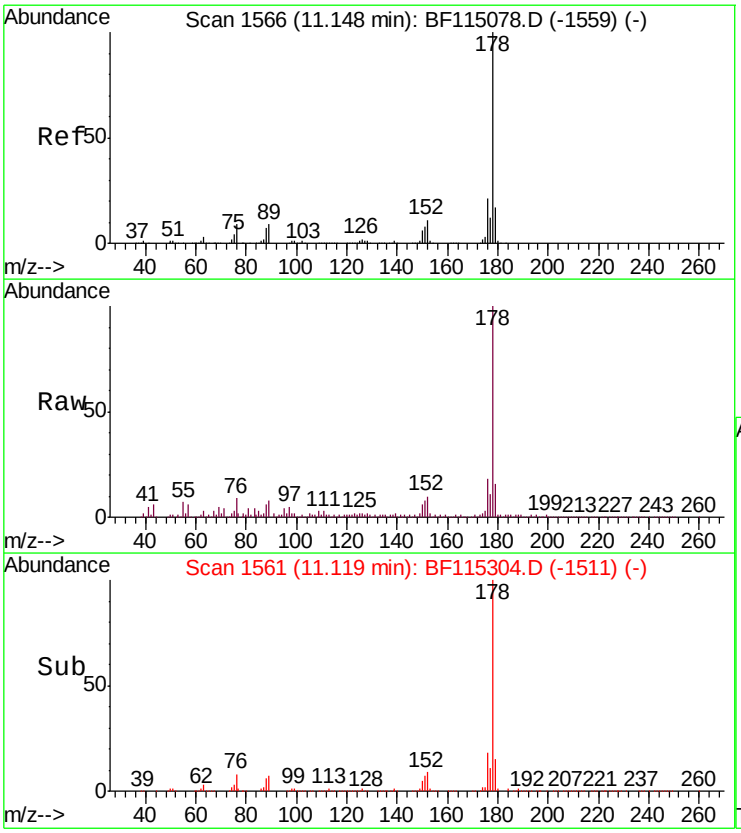
#65
4,6-Dinitro-2-methylphenol
Concen: 4.977 ng
RT: 10.34 min Scan# 1428
Delta R.T. 0.12 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:198 Resp: 118

Ion	Ratio	Lower	Upper
198	100		
51	279.9	11.0	51.0#
105	1393.4	17.3	57.3#

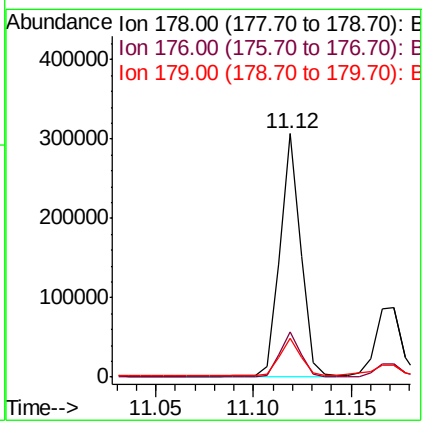


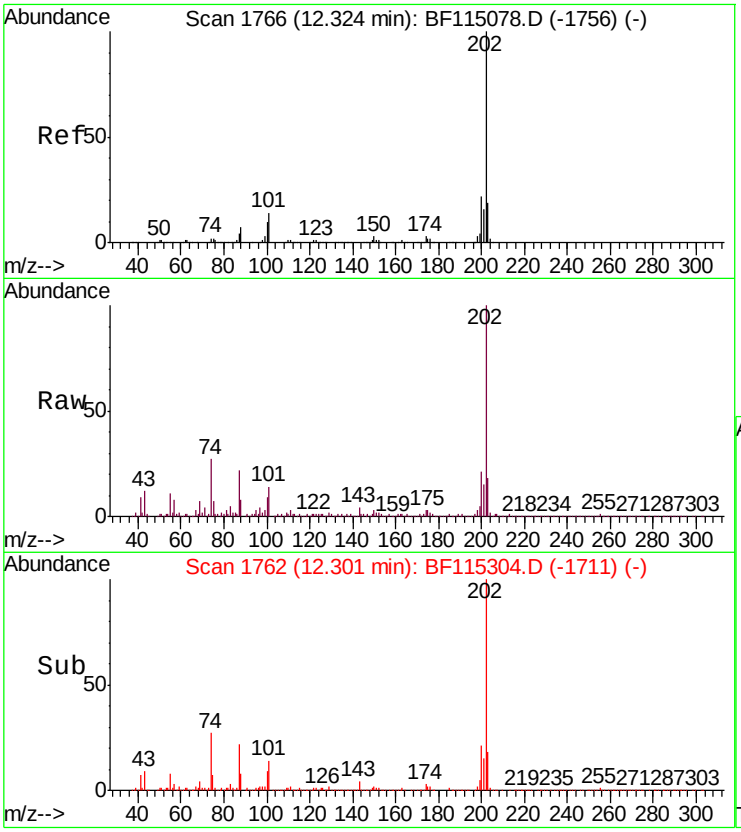


#71
Phenanthrene
Concen: 3.521 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:178 Resp: 225138

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.9	25.3
179	16.1	13.2	19.8



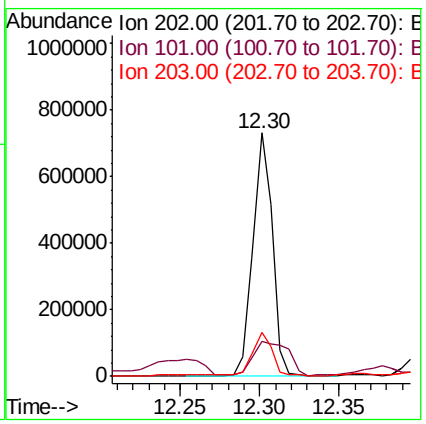


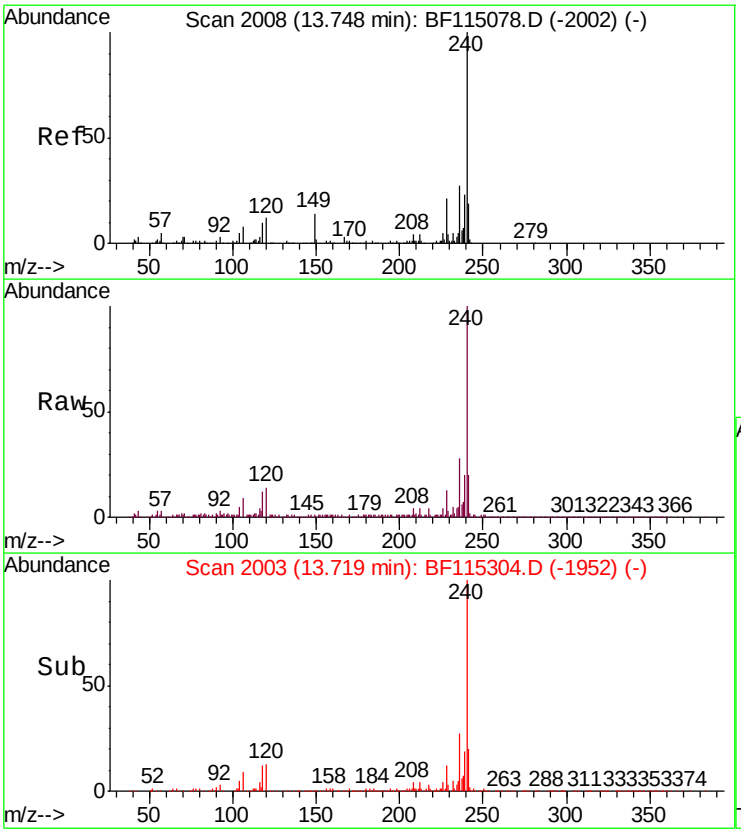
#75
Fluoranthene
Concen: 9.794 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:202 Resp: 624785

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.0
203	18.1	0.0	38.8

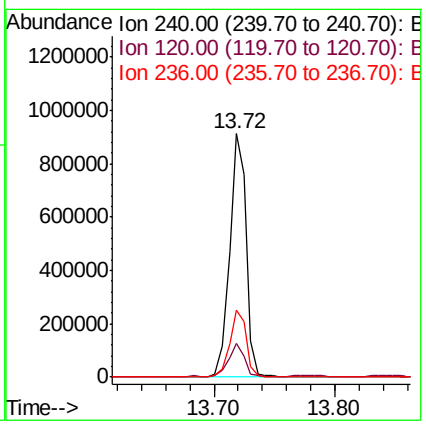


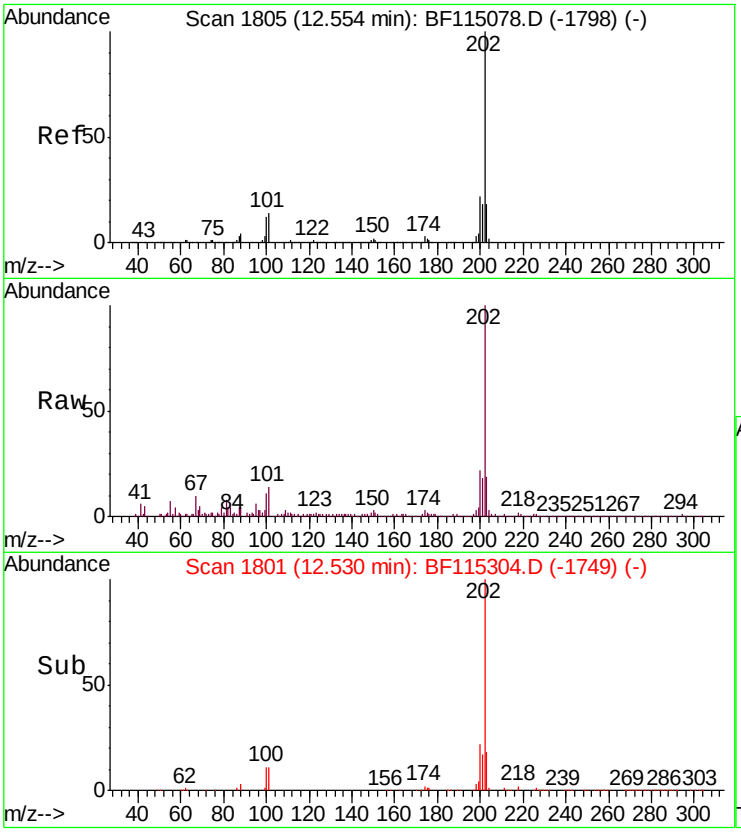


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:240 Resp: 856373

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.4	14.2
236	27.7	21.7	32.5



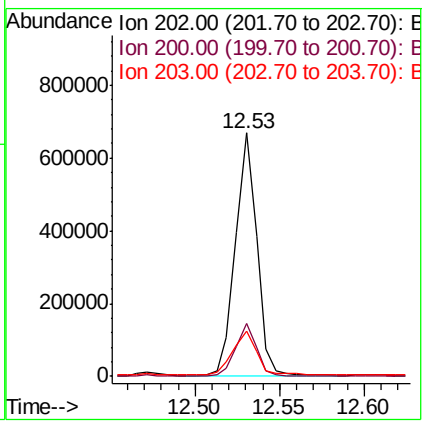


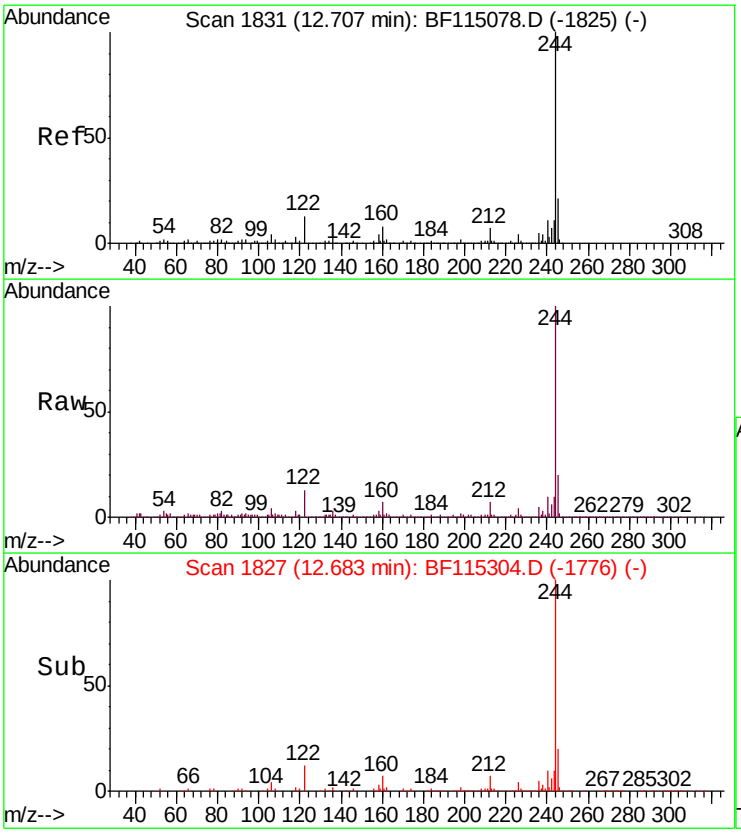
#78
Pyrene
Concen: 8.871 ng
RT: 12.53 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:202 Resp: 583838

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.7	14.6	21.8

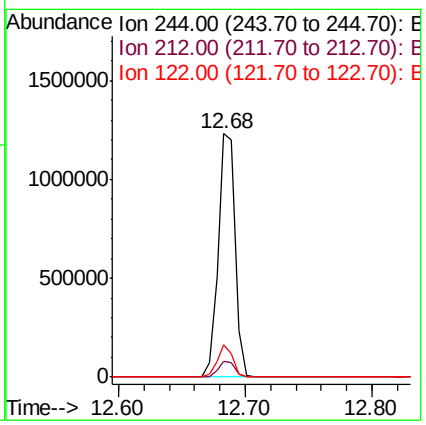


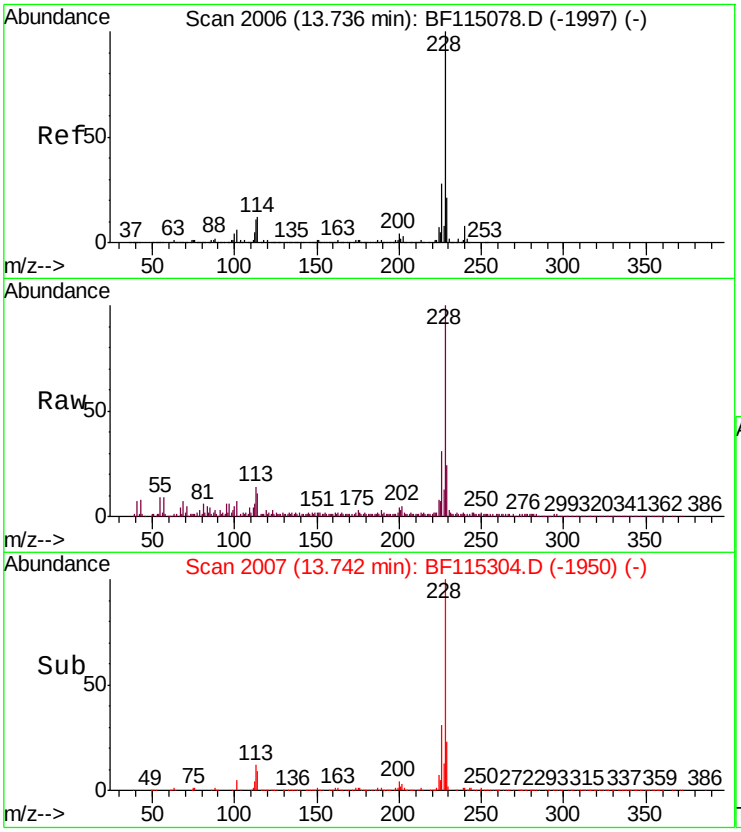


#79
Terphenyl-d14
Concen: 28.683 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:244 Resp: 1155312

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.3	10.4	15.6



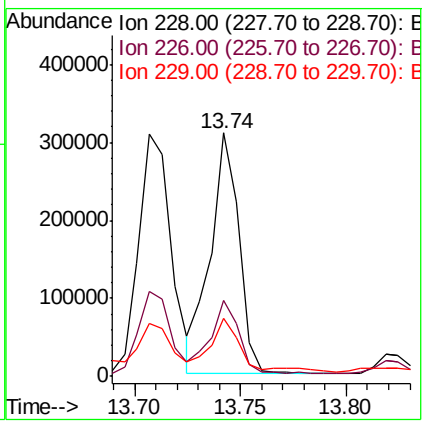


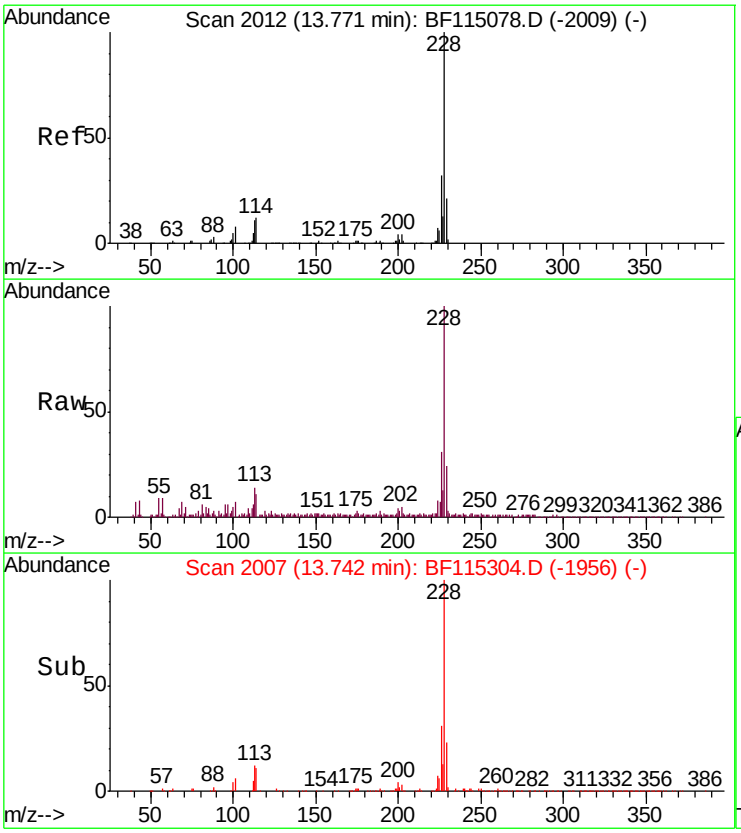
#81
Benzo(a)anthracene
Concen: 4.756 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.04 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:228 Resp: 292229

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.5	33.7
229	23.6	16.6	24.8

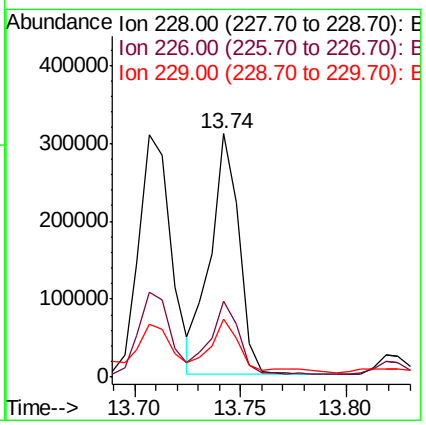


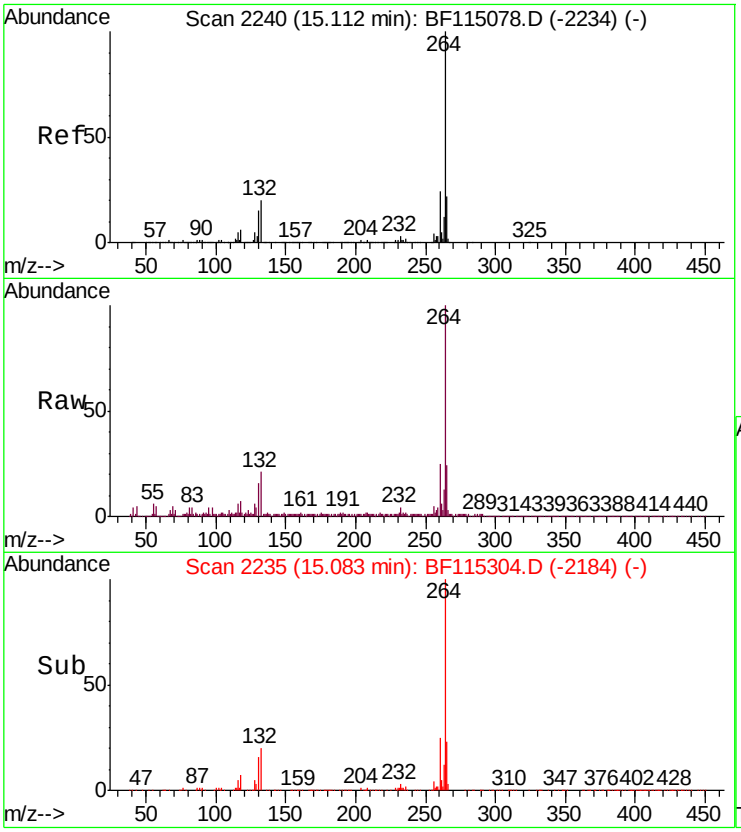


#83
Chrysene
Concen: 5.192 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:228 Resp: 292229

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	23.6	16.5	24.7



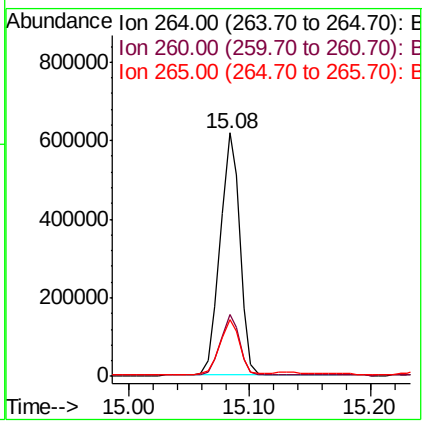


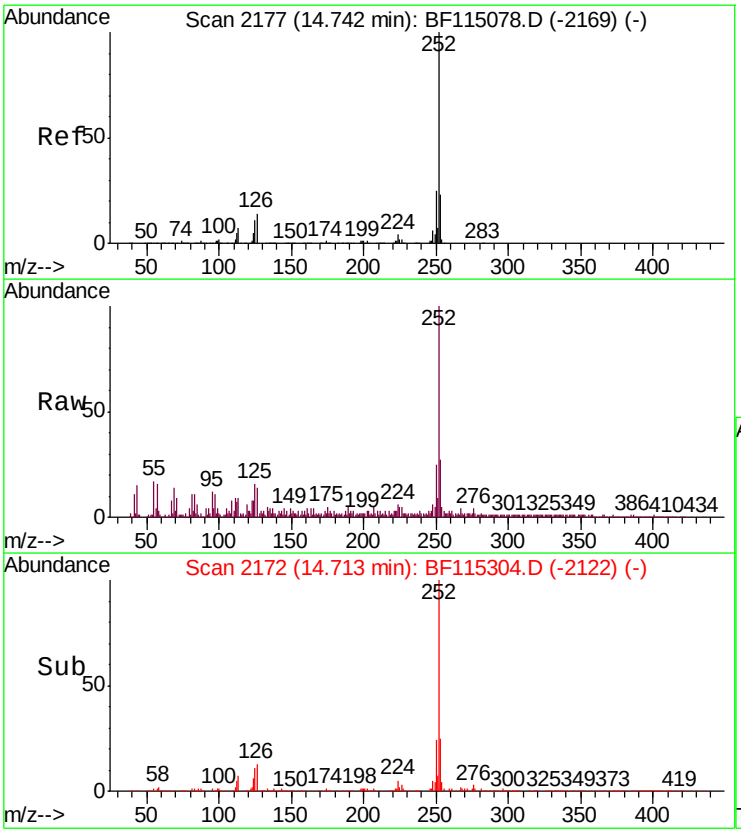
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:264 Resp: 694678

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	23.5	17.3	25.9

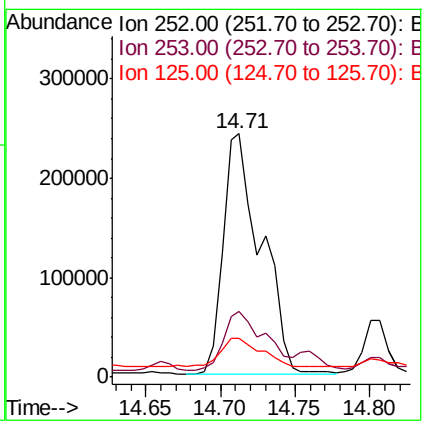


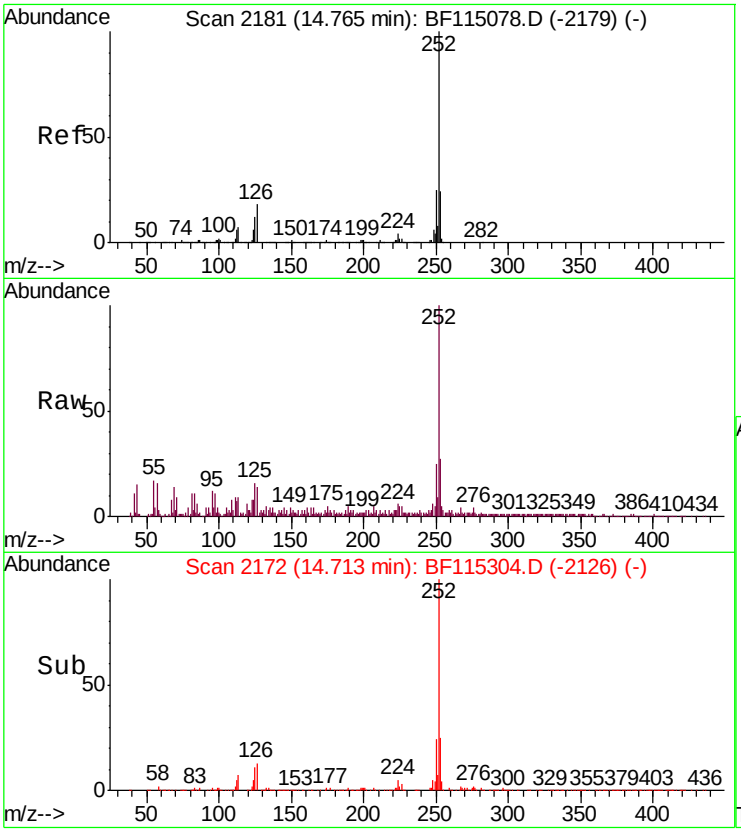


#88
Benzo(b)fluoranthene
Concen: 9.949 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:252 Resp: 431267

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.1	27.1
125	15.8	8.7	13.1#



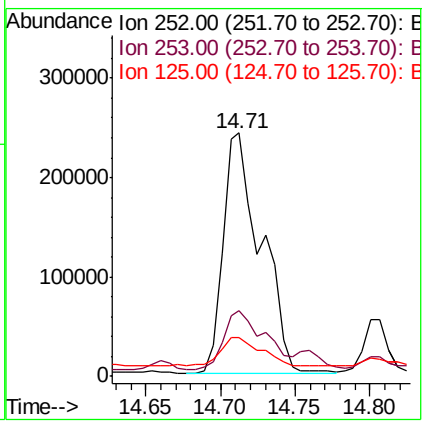


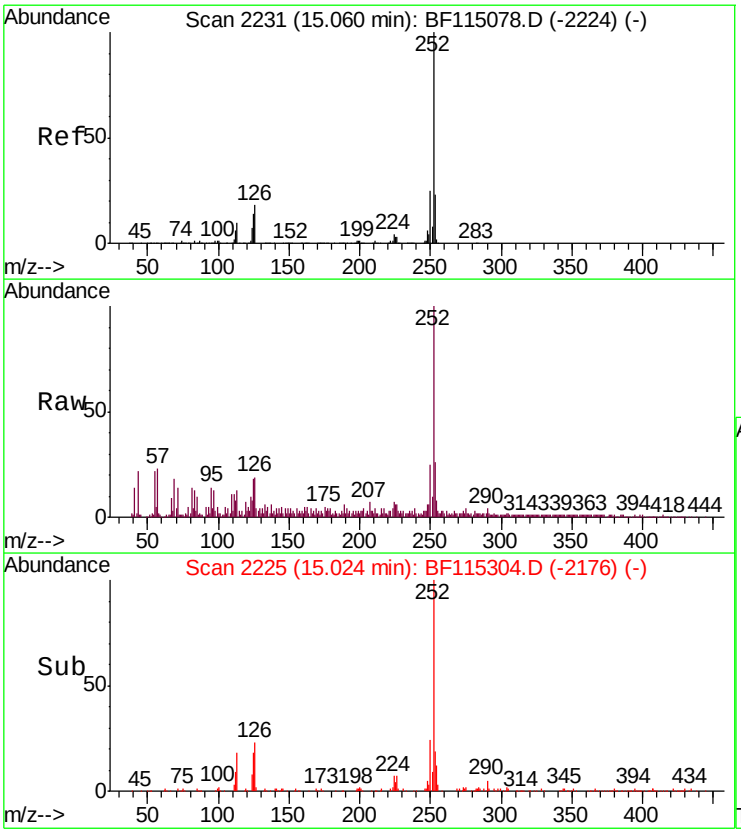
#89
Benzo(k)fluoranthene
Concen: 11.095 ng
RT: 14.71 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:252 Resp: 431267

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.9	28.3
125	15.8	10.2	15.2#

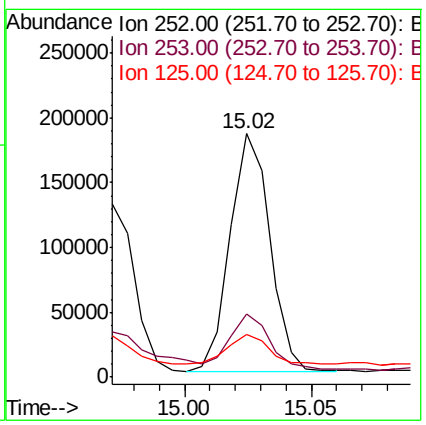


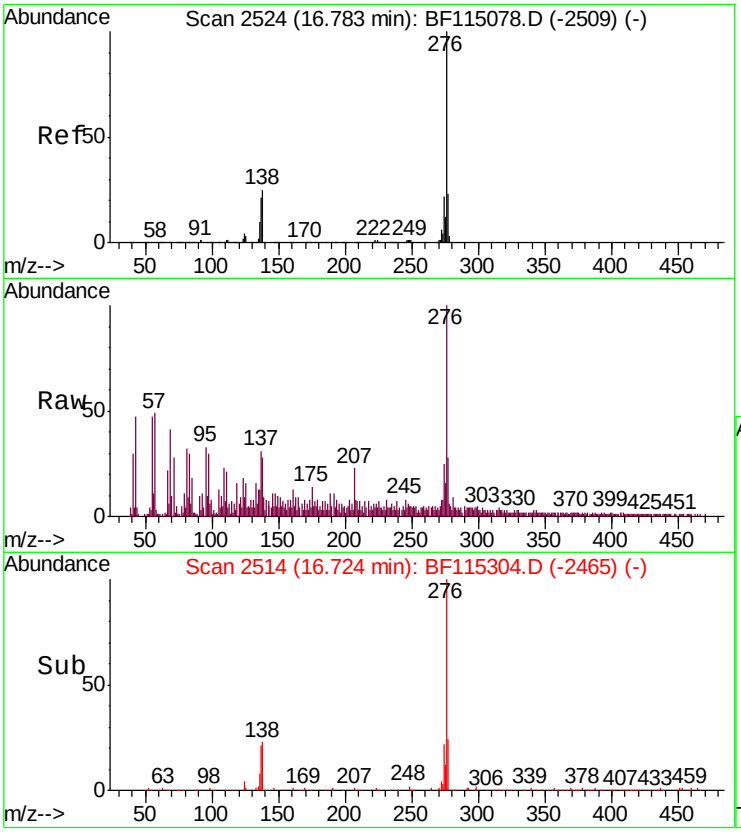


#90
Benzo(a)pyrene
Concen: 5.139 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion:252 Resp: 200764

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.3	27.5
125	17.8	10.9	16.3#





#92
Benzo(g,h,i)perylene
Concen: 2.606 ng
RT: 16.72 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tgt Ion:276 Resp: 96216

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	28.0	19.8	29.6