Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116216.D
Acq On : 13 Aug 2019 3:44
Operator : HP/JU
Sample : K4095-07 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-080919-B

Quant Time: Aug 13 07:06:28 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	6.83	152	107280	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	433552	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	210749	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	315655	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	260359	20.00	ng		0.00
87) Perylene-d12	15.47	264	231626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	135359	21.12	ng		0.00
7) Phenol-d6	6.47	99	182450	22.57	ng		-0.01
23) Nitrobenzene-d5	7.40	82	105200	14.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	32091	15.71	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	228977	20.35	ng		-0.02
79) Terphenyl-d14	12.94	244	201560	16.31	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.40	82	102600	7.144	ng	#	65
49) Acenaphthylene	9.73	152	81160	4.492	ng		97
57) 2,4-Dinitrotoluene	9.87	165	28534	6.872	ng	#	21
71) Phenanthrene	11.38	178	86713	5.374	ng		98
72) Anthracene	11.44	178	46262	2.833	ng		99
75) Fluoranthene	12.57	202	271393	16.065	ng		98
78) Pyrene	12.80	202	272270	13.873	ng		99
81) Benzo(a)anthracene	13.99	228	194752	11.703	ng		99
83) Chrysene	14.03	228	168920	10.456	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	112044	8.257	ng		96
88) Benzo(b)fluoranthene	15.05	252	336166	25.100	ng	#	95
89) Benzo(k)fluoranthene	15.05	252	336166	25.770	ng	#	94
90) Benzo(a)pyrene	15.42	252	171752	14.346	ng	#	95
91) Dibenzo(a,h)anthracene	16.95	278	26675	2.574	ng	#	83
92) Benzo(g,h,i)perylene	17.41	276	115356	11.334	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Acq On : 13 Aug 2019 3:44
Operator : HP/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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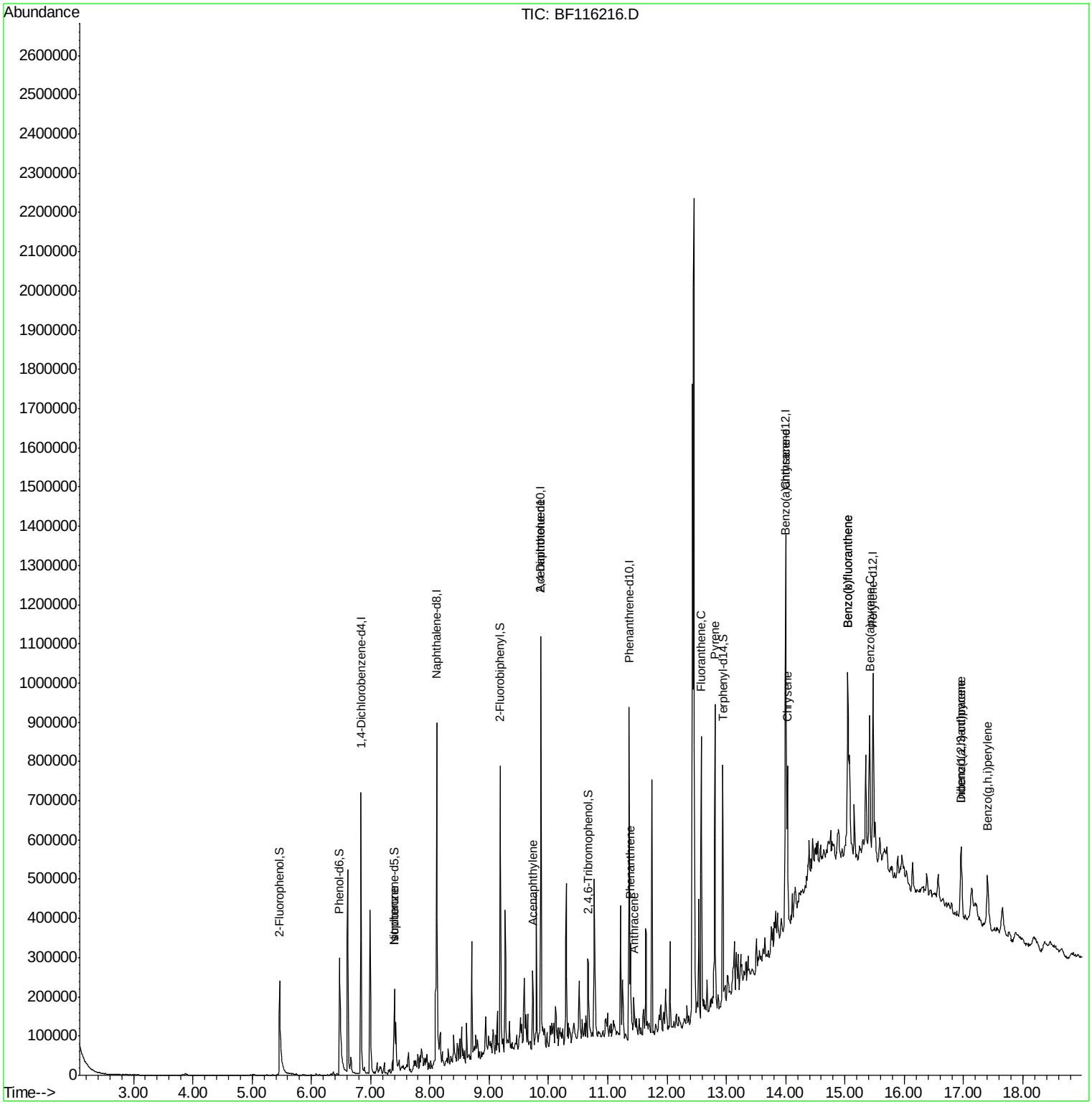
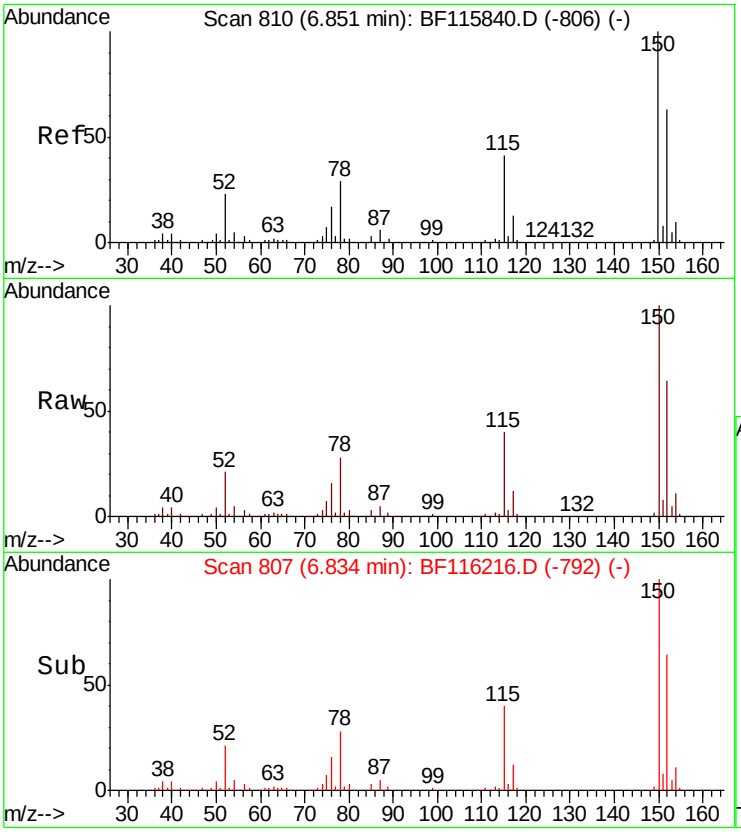
BNA_F
ClientSampleId :
SU-04-080919-B

Quant Time: Aug 13 07:06:28 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



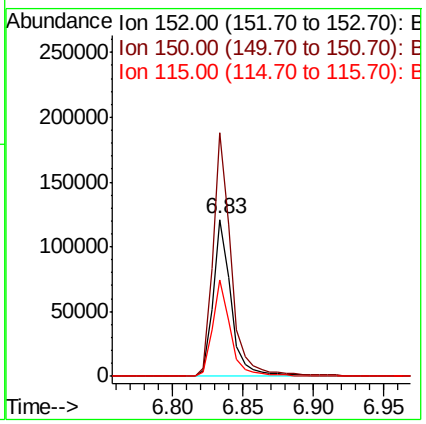


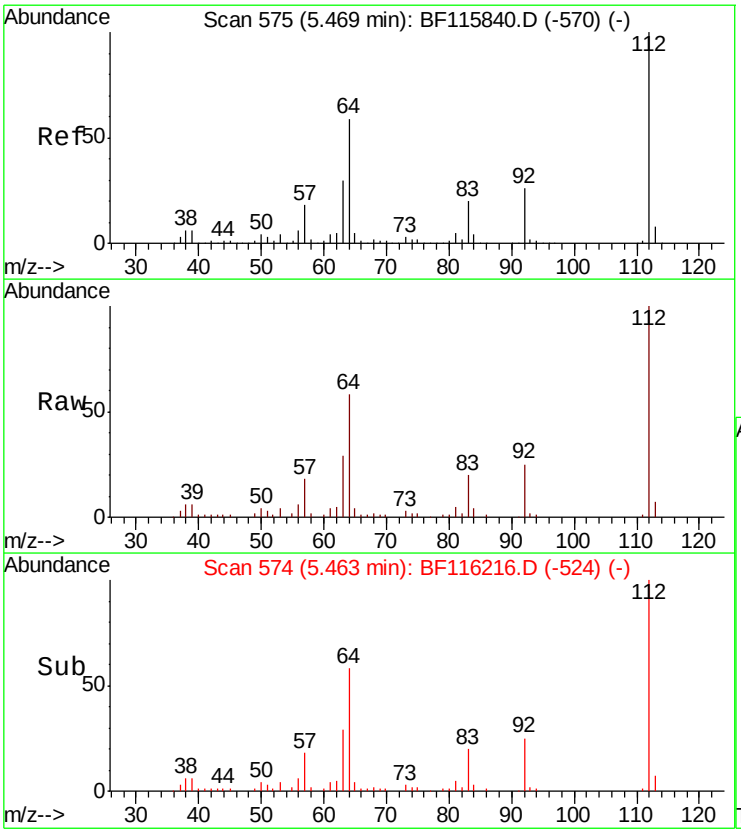
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:152 Resp: 107280

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	61.7	49.9	74.9

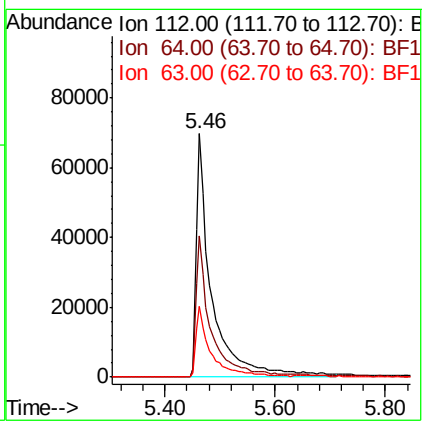


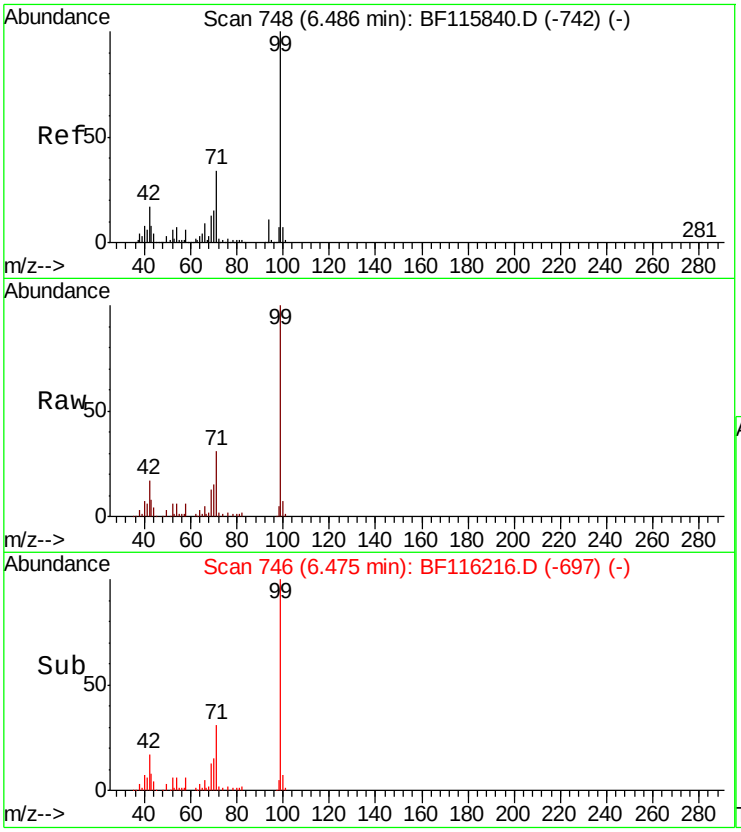


#5
2-Fluorophenol
Concen: 21.122 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:112 Resp: 135359

Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	29.3	23.7	35.5



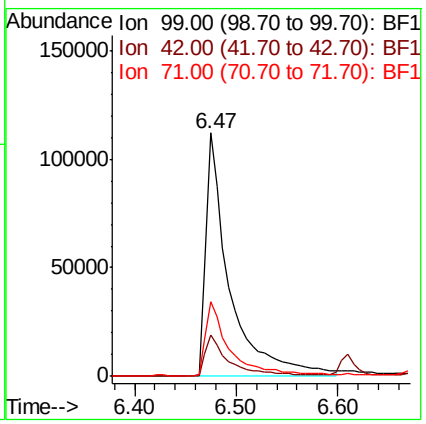


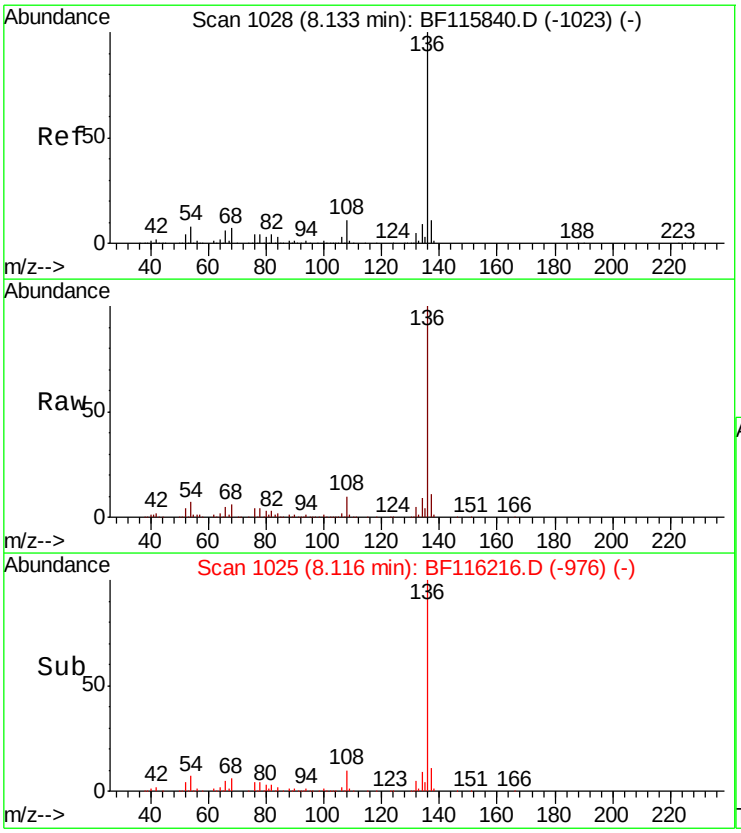
#7
Phenol-d6
Concen: 22.566 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion: 99 Resp: 182450

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	30.6	27.3	40.9

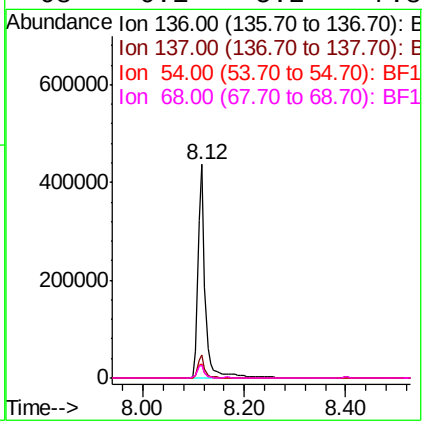


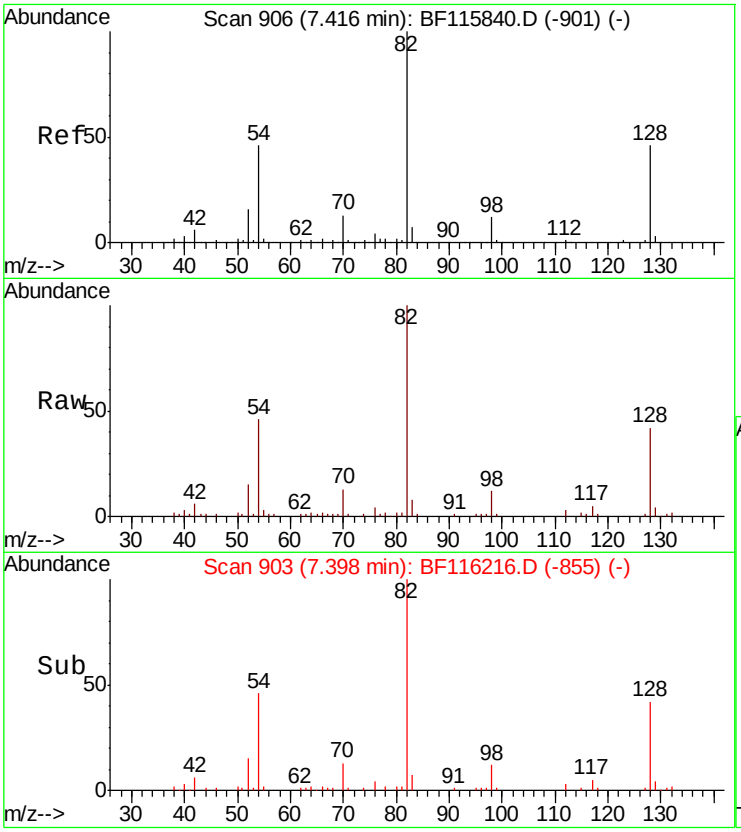


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:136 Resp: 433552

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.8	5.8	8.6
68	6.1	5.2	7.8



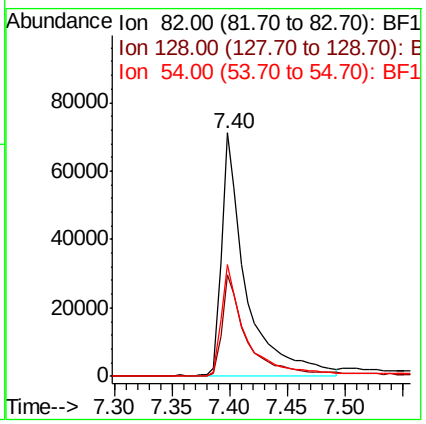


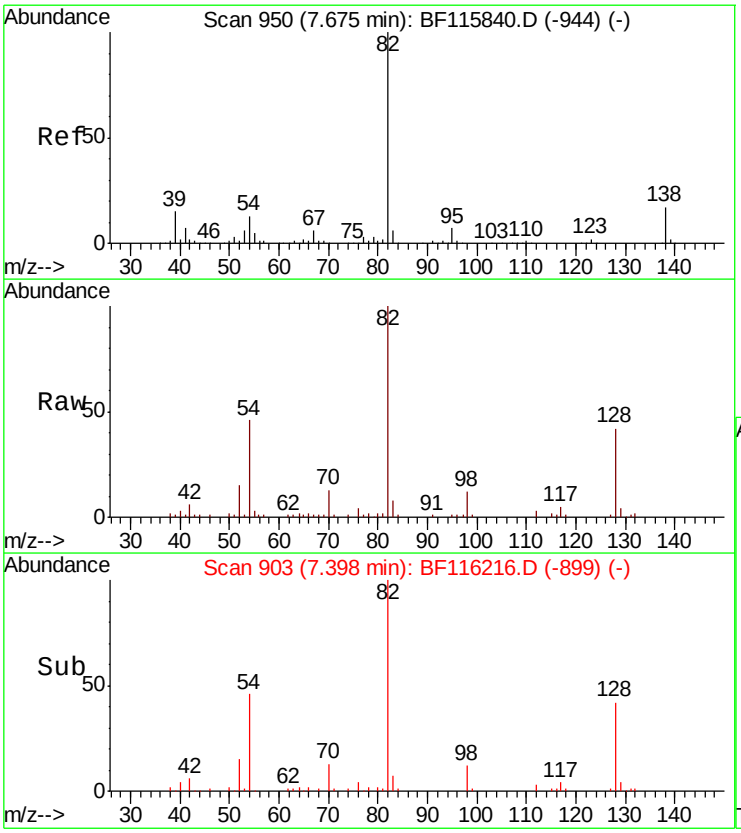
#23
Nitrobenzene-d5
Concen: 14.006 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion: 82 Resp: 105200

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.5	54.7
54	46.0	36.0	54.0

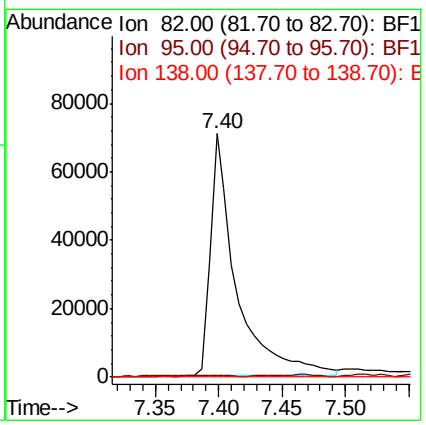


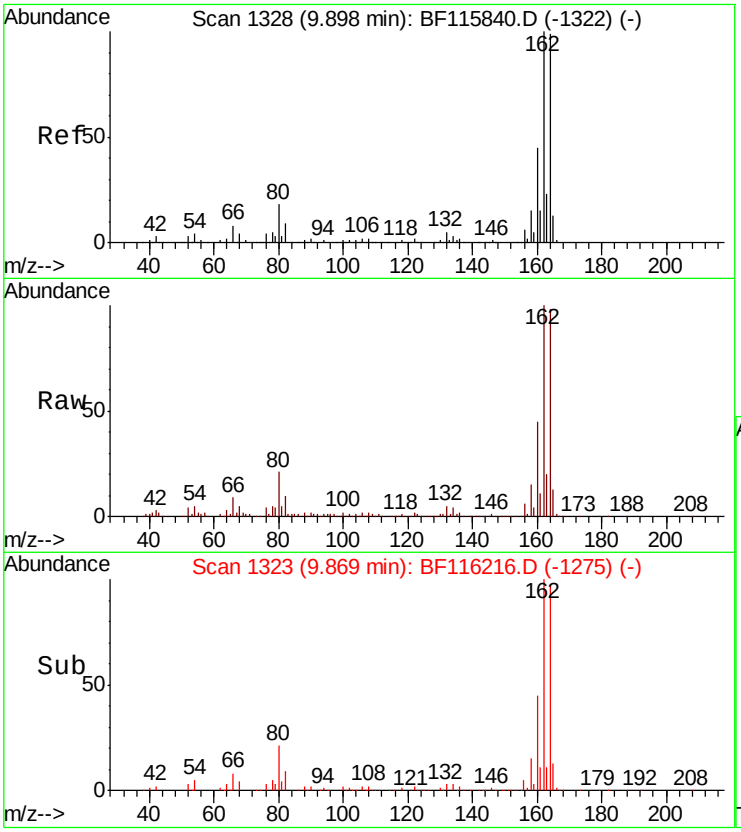


#25
Isophorone
Concen: 7.144 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion: 82 Resp: 102600

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.4	8.0#
138	0.0	14.5	21.7#



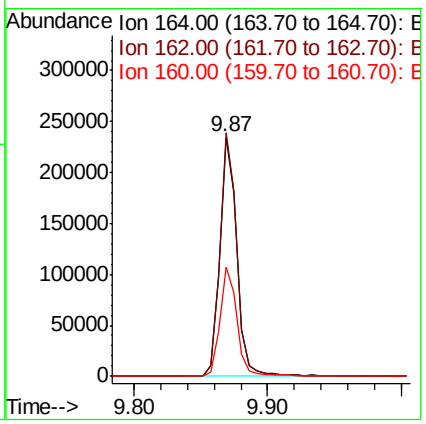


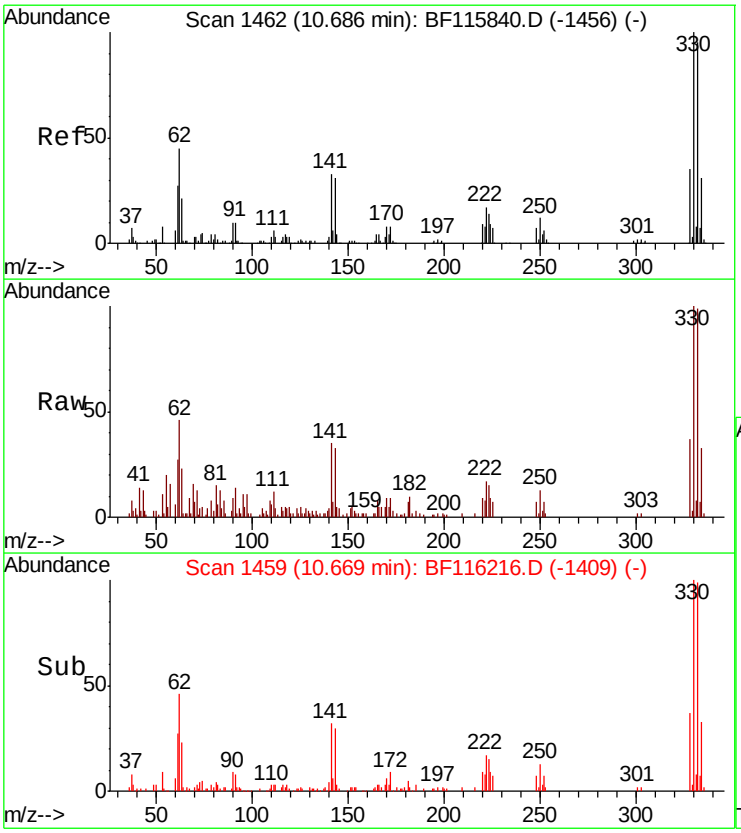
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:164 Resp: 210749

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	124.0
160	45.7	37.6	56.4

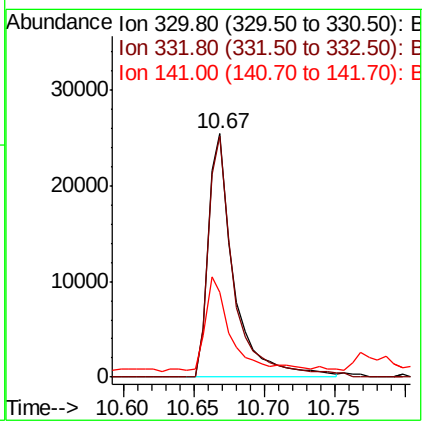


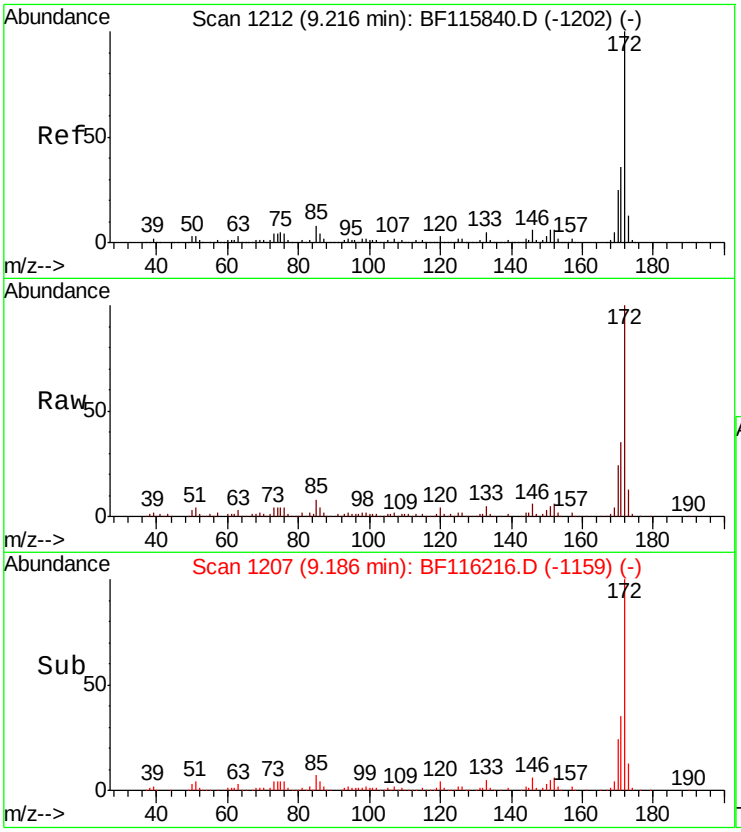


#42
2,4,6-Tribromophenol
Concen: 15.706 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:330 Resp: 32091

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.8	115.2
141	38.8	26.3	39.5



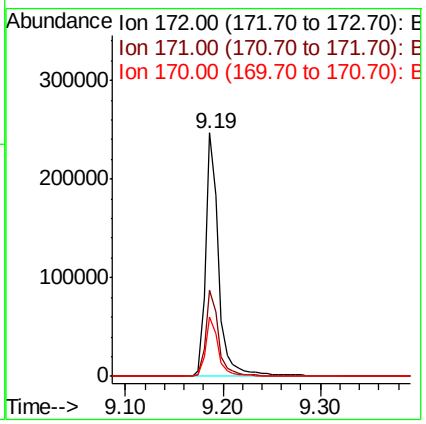


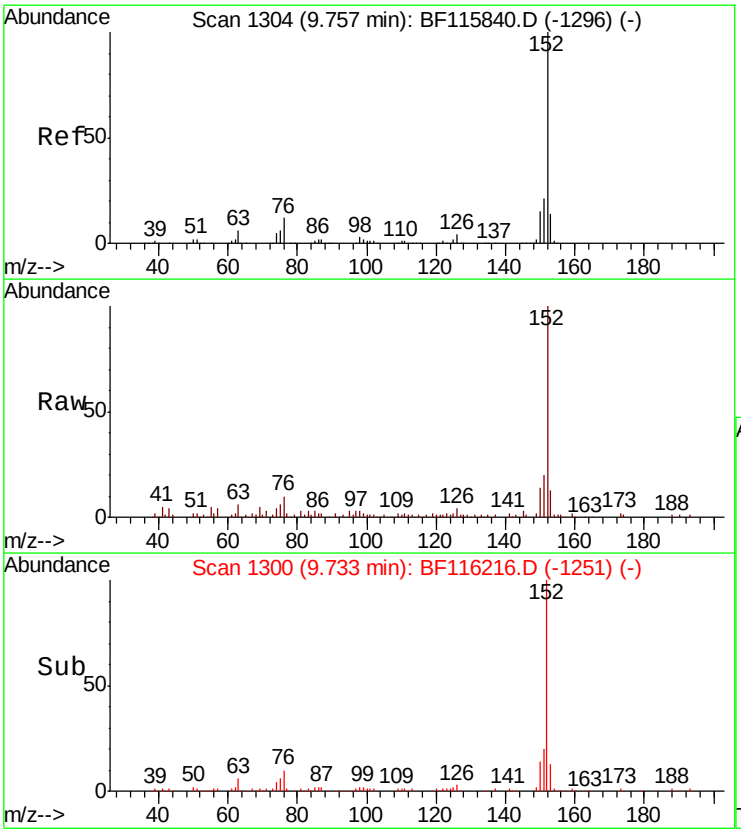
#45
2-Fluorobiphenyl
Concen: 20.351 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:172 Resp: 228977

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.1	20.1	30.1

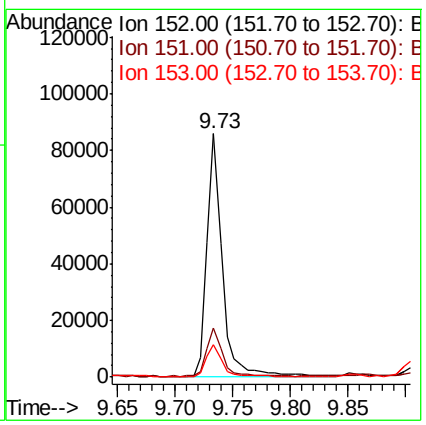


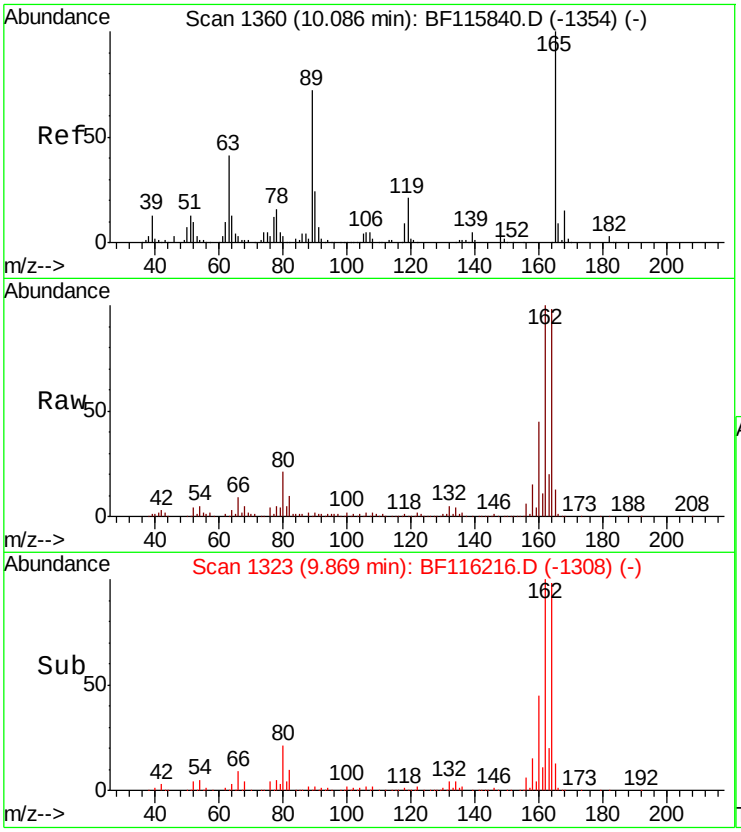


#49
Acenaphthylene
Concen: 4.492 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:152 Resp: 81160

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.3	11.8	17.8



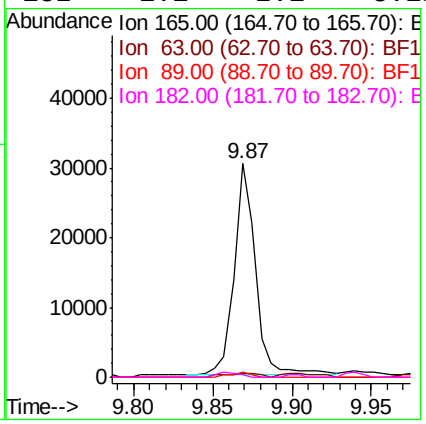


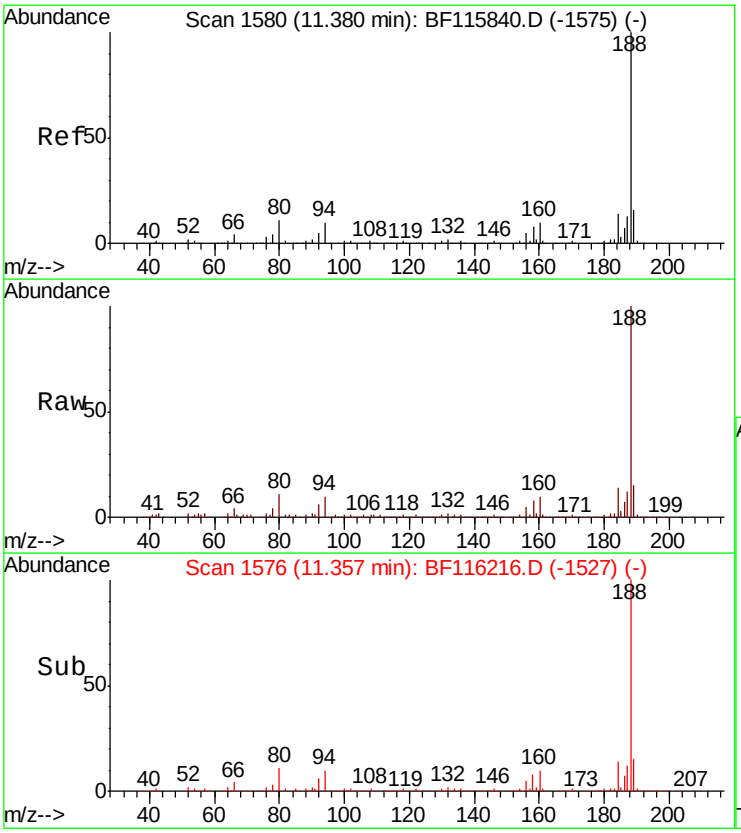
#57
2,4-Dinitrotoluene
Concen: 6.872 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:165 Resp: 28534

Ion	Ratio	Lower	Upper
165	100		
63	1.9	39.6	59.4#
89	2.2	62.2	93.2#
182	1.1	2.1	3.1#

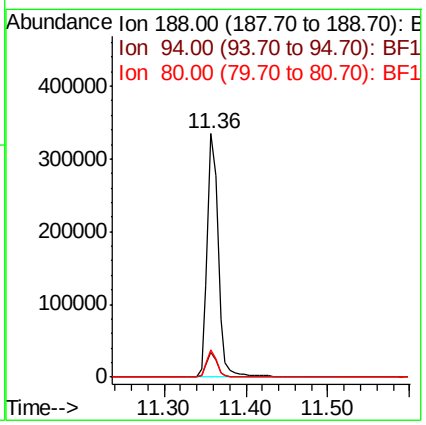


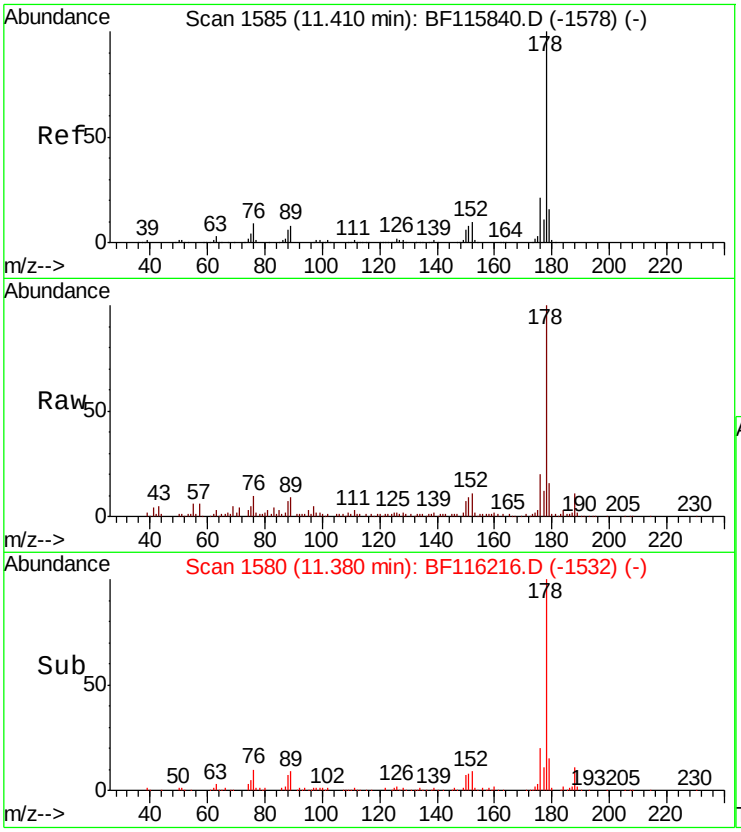


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:188 Resp: 315655

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.4	8.7	13.1



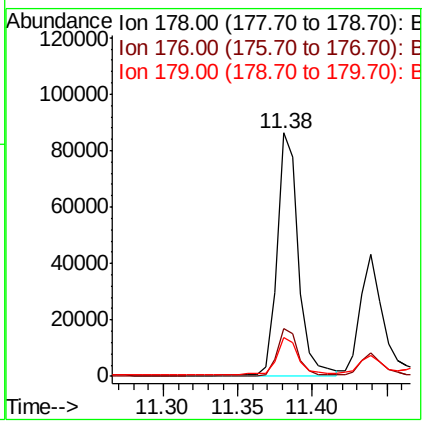


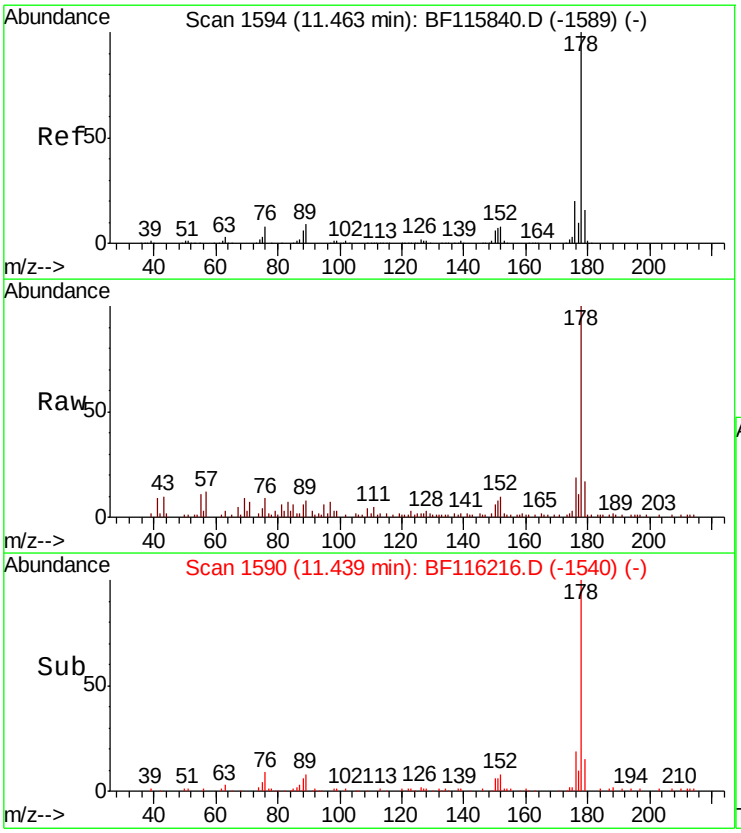
#71
Phenanthrene
Concen: 5.374 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:178 Resp: 86713

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	24.8
179	16.2	12.5	18.7

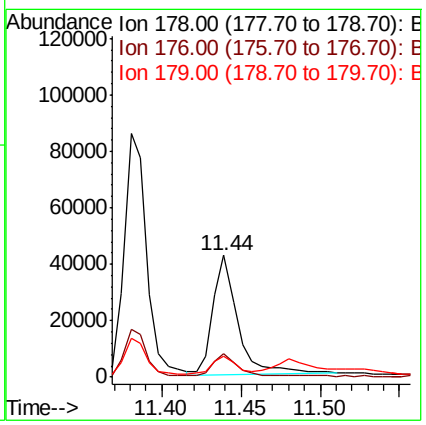


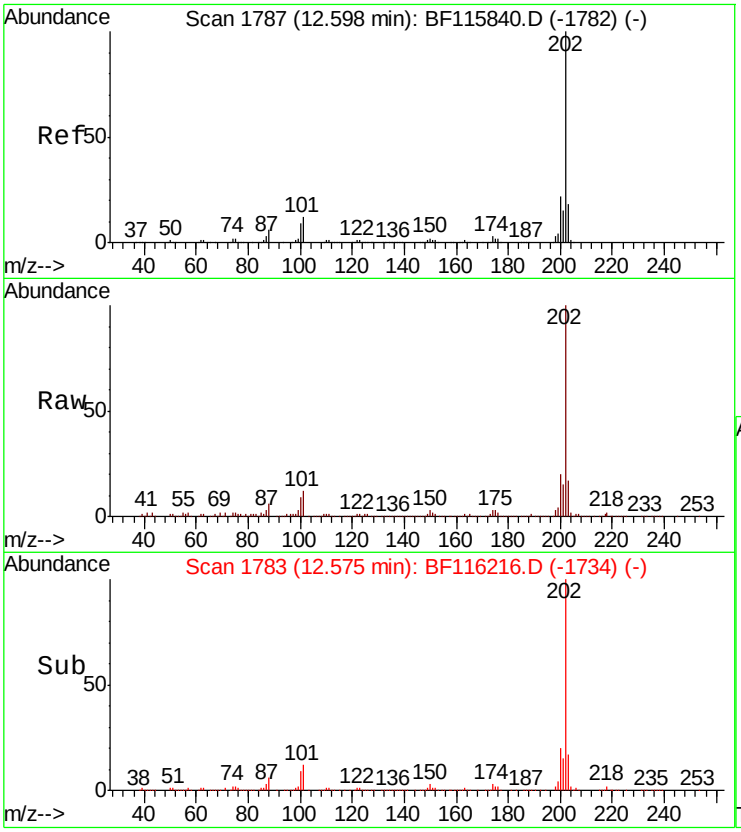


#72
Anthracene
Concen: 2.833 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:178 Resp: 46262

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.9	13.0	19.6



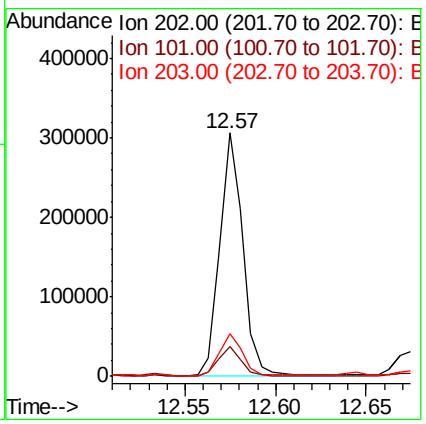


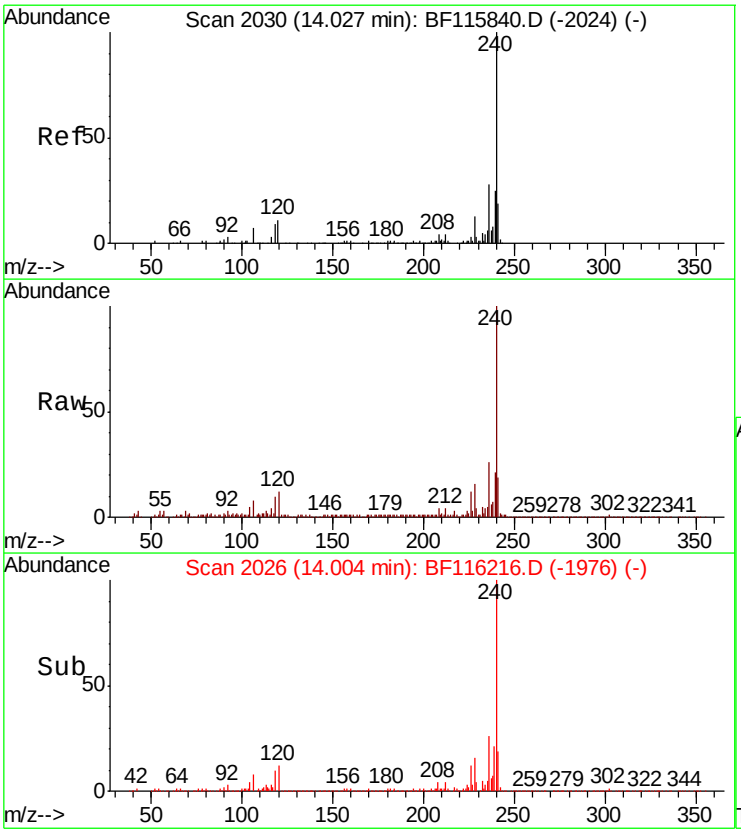
#75
Fluoranthene
Concen: 16.065 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:202 Resp: 271393

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
203	17.4	0.0	37.8

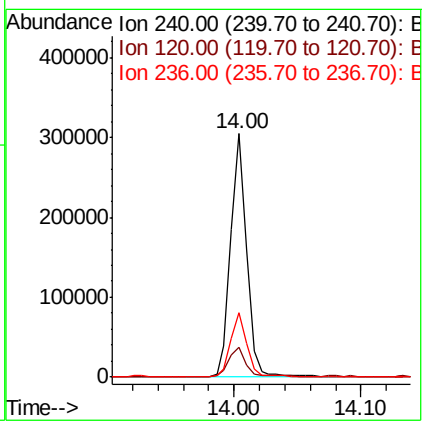


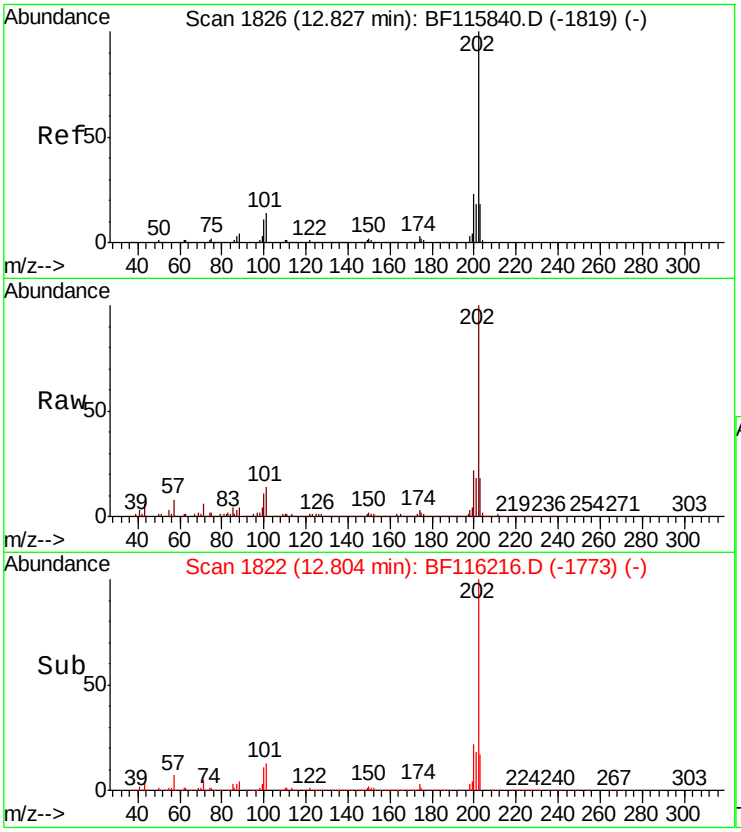


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:240 Resp: 260359

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.7	16.1
236	26.4	22.2	33.2



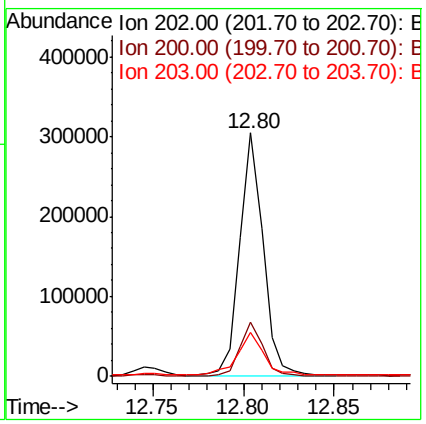


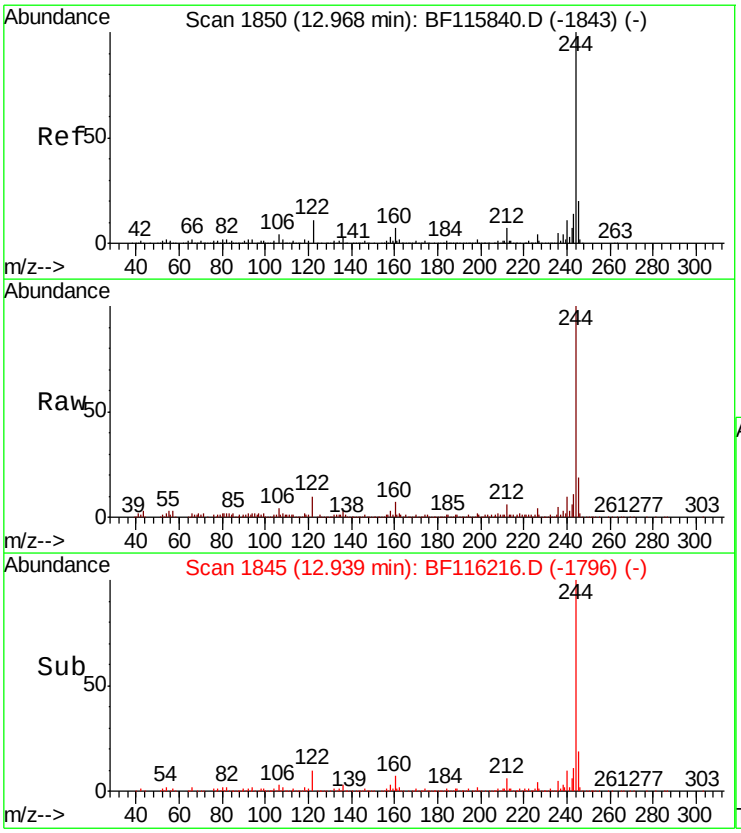
#78
Pyrene
Concen: 13.873 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:202 Resp: 272270

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.1	14.1	21.1

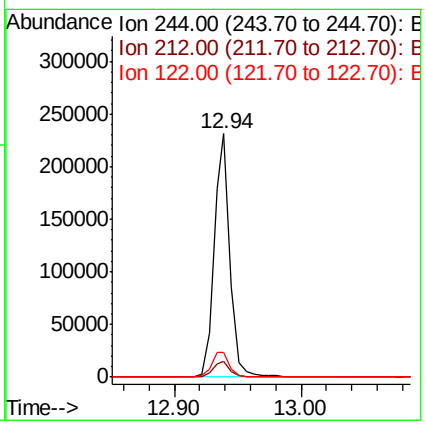


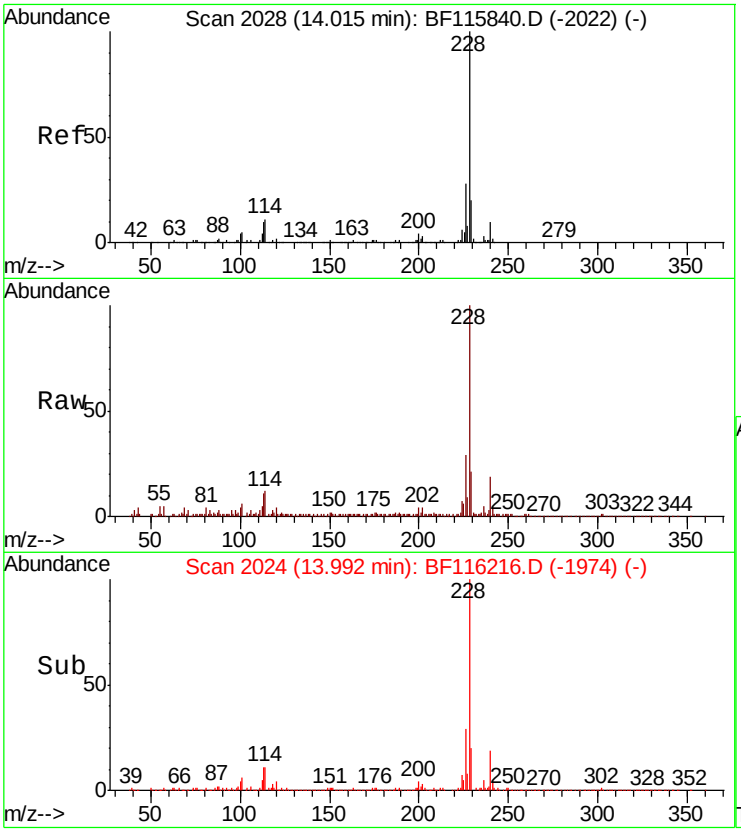


#79
Terphenyl-d14
Concen: 16.313 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:244 Resp: 201560

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.1	9.0	13.4



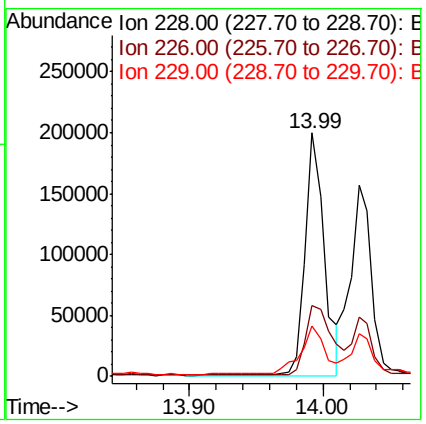


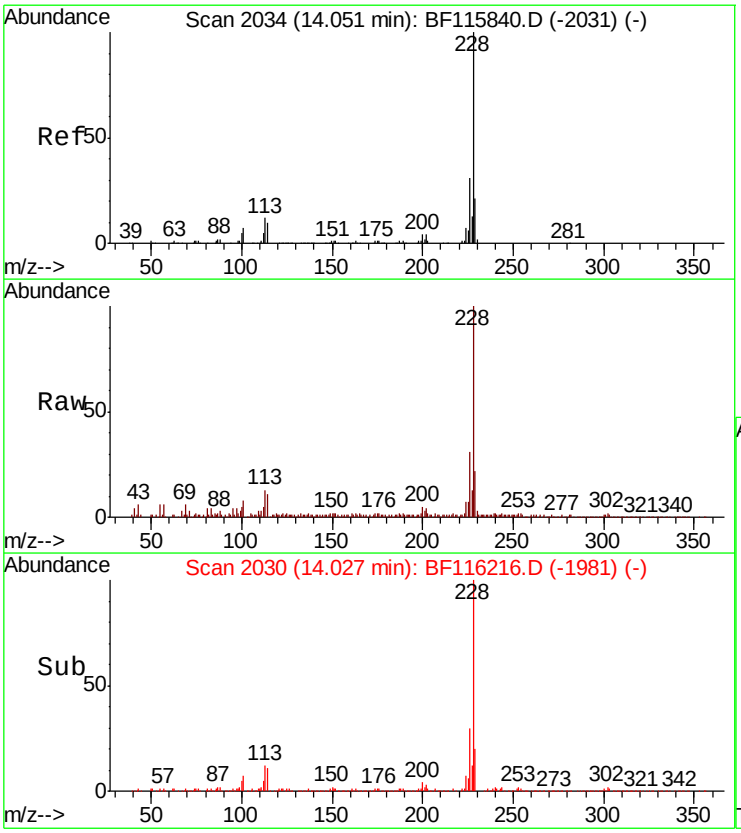
#81
Benzo(a)anthracene
Concen: 11.703 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:228 Resp: 194752

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.9	16.2	24.4

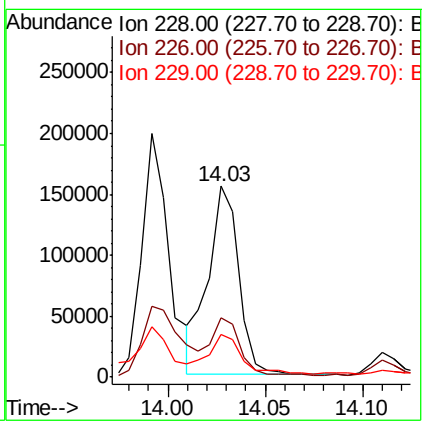


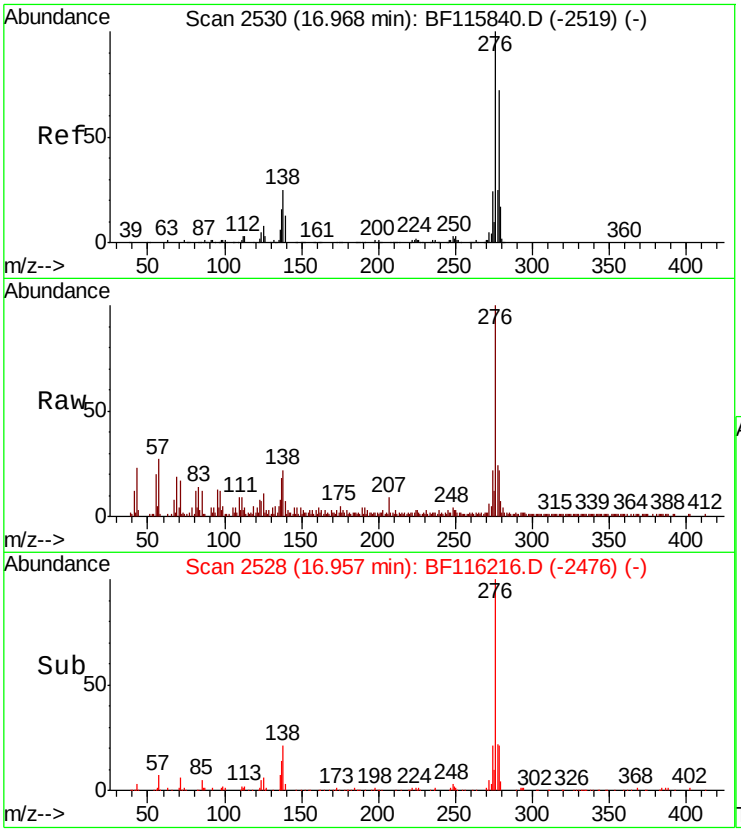


#83
Chrysene
Concen: 10.456 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:228 Resp: 168920

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	22.1	16.6	24.8



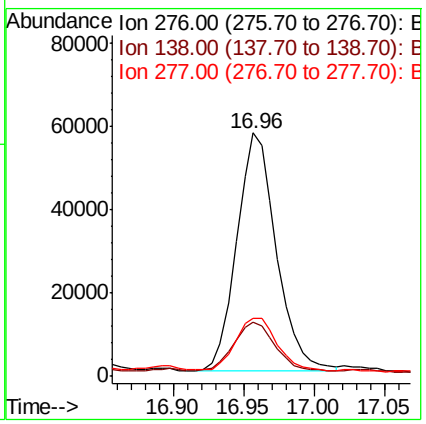


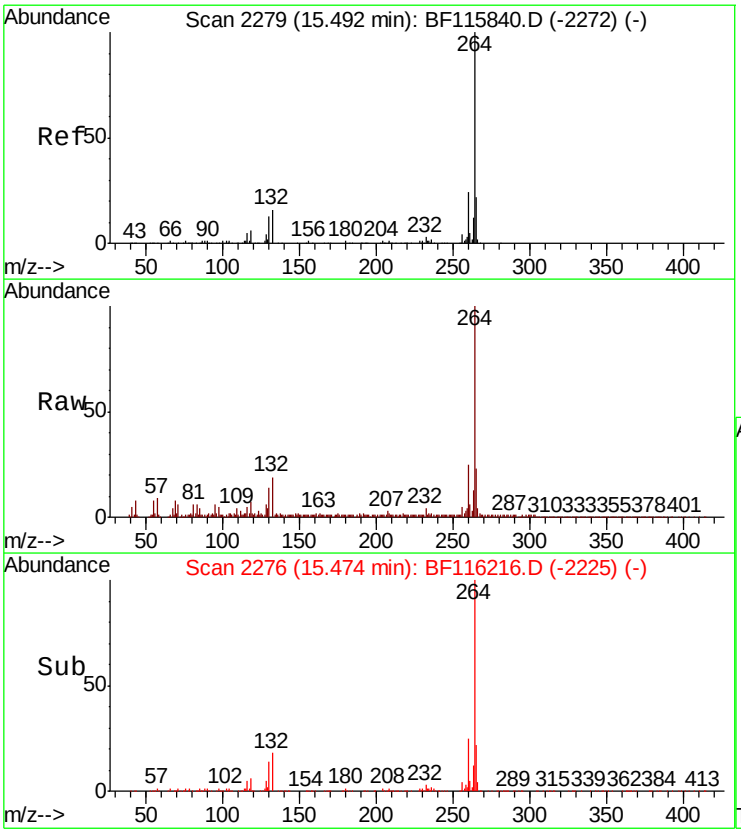
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.257 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:276 Resp: 112044

Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.4	30.6
277	24.1	20.0	30.0

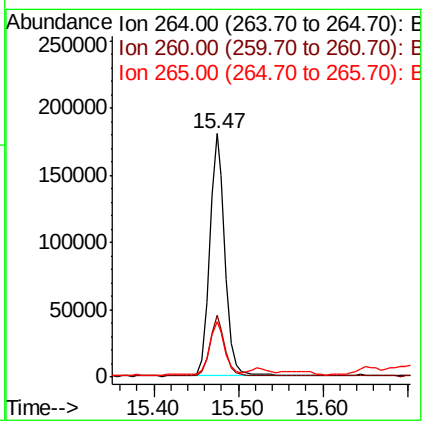


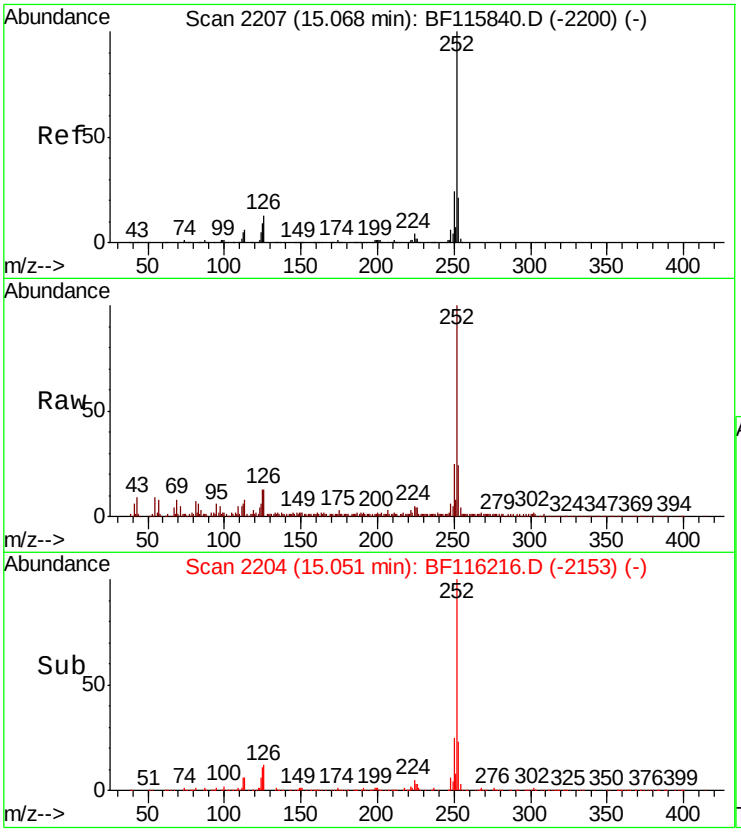


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:264 Resp: 231626

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	22.9	17.4	26.0



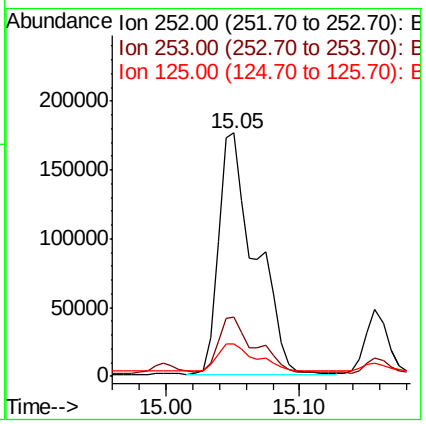


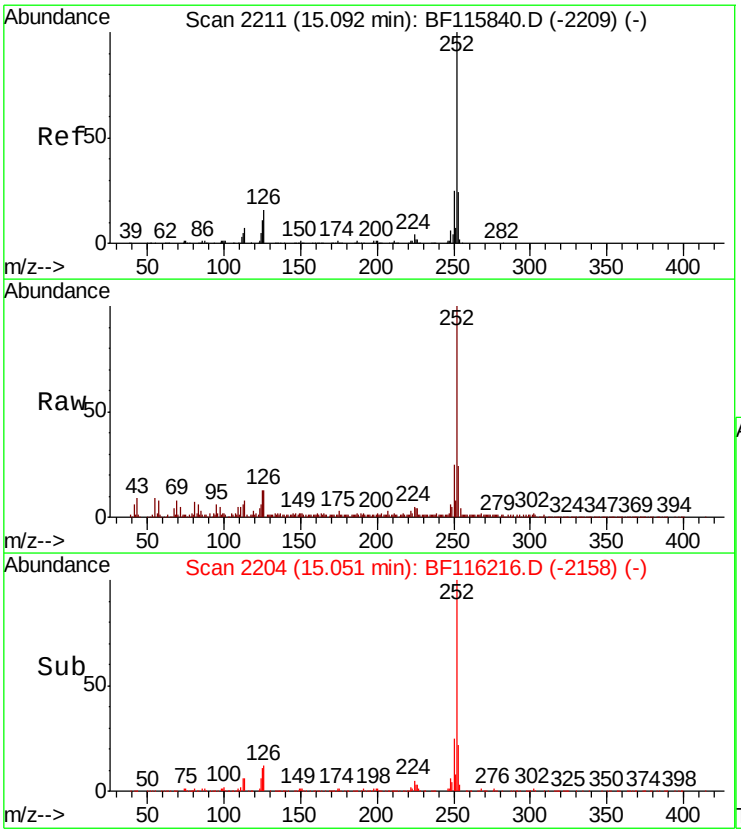
#88
Benzo(b)fluoranthene
Concen: 25.100 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:252 Resp: 336166

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	13.3	8.4	12.6#

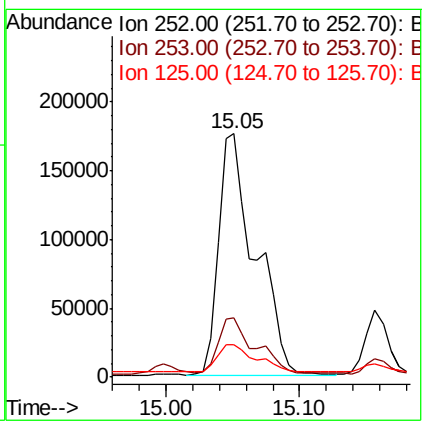


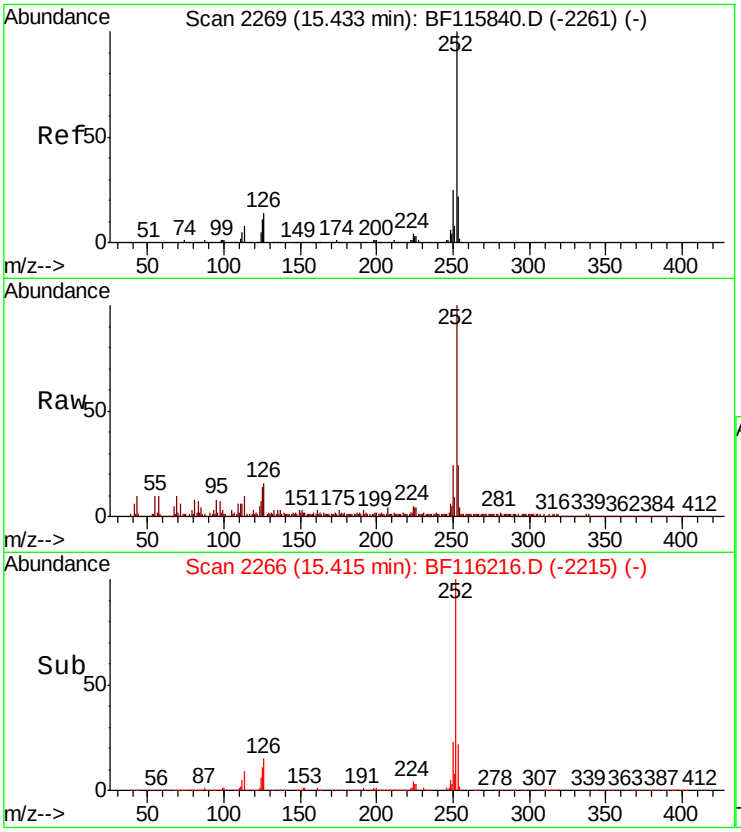


#89
Benzo(k)fluoranthene
Concen: 25.770 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:252 Resp: 336166

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	13.3	7.7	11.5#



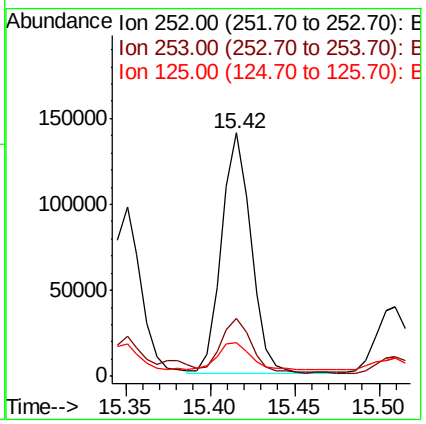


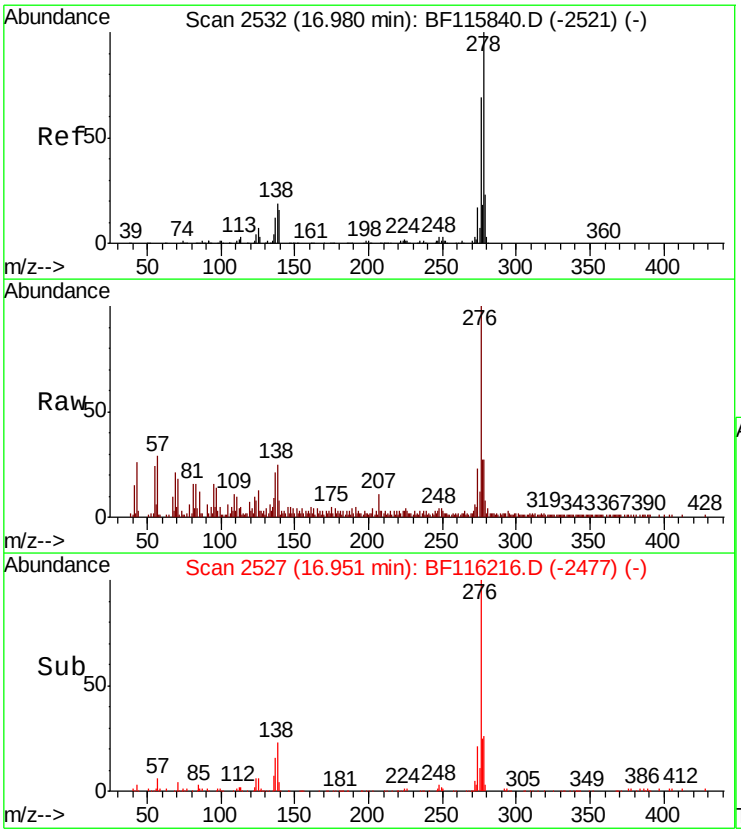
#90
Benzo(a)pyrene
Concen: 14.346 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:252 Resp: 171752

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	13.9	8.9	13.3#

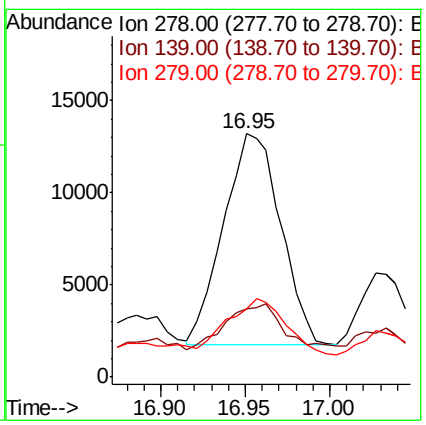


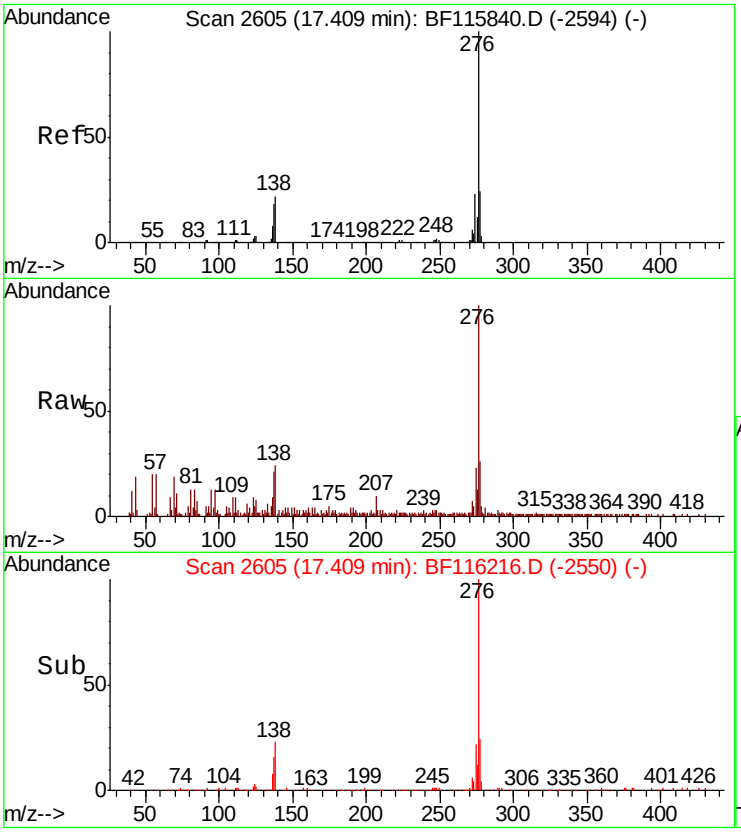


#91
Dibenzo(a,h)anthracene
Concen: 2.574 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Tgt Ion:278 Resp: 26675

Ion	Ratio	Lower	Upper
278	100		
139	28.2	12.8	19.2#
279	27.8	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 11.334 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF116216.D
Acq: 13 Aug 2019 3:44

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-B

Tgt Ion:276 Resp: 115356

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.4	27.6
138	24.2	17.0	25.6