Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115964.D
Acq On : 2 Aug 2019 23:11
Operator : HP/JU
Sample : K4093-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Time: Aug 03 03:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101973	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	408704	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	223276	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	413287	20.00	ng		0.00
76) Chrysene-d12	14.02	240	298184	20.00	ng		0.00
87) Perylene-d12	15.50	264	346650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	107852	17.71	ng		0.00
7) Phenol-d6	6.48	99	152332	19.82	ng		0.00
23) Nitrobenzene-d5	7.41	82	84725	11.97	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	38696	17.88	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	182726	15.33	ng		0.00
79) Terphenyl-d14	12.96	244	199098	14.07	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	10736	2.254	ng	#	79
25) Isophorone	7.41	82	84724	6.258	ng	#	66
51) 2,6-Dinitrotoluene	9.89	165	30522	9.238	ng	#	28
56) 4-Nitrophenol	10.10	139	8667	3.314	ng	#	14
57) 2,4-Dinitrotoluene	9.89	165	30522	6.939	ng	#	25
58) Fluorene	10.44	166	44958	3.422	ng		99
71) Phenanthrene	11.40	178	393225	18.611	ng		99
72) Anthracene	11.46	178	128371	6.004	ng		98
75) Fluoranthene	12.59	202	640837	28.972	ng		99
78) Pyrene	12.82	202	552597	24.584	ng		99
81) Benzo(a)anthracene	14.01	228	280520	14.719	ng		97
83) Chrysene	14.04	228	241491	13.051	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	102340	6.585	ng		98
88) Benzo(b)fluoranthene	15.07	252	427361	21.321	ng	#	95
89) Benzo(k)fluoranthene	15.07	252	427361	21.890	ng		99
90) Benzo(a)pyrene	15.43	252	232409	12.971	ng		97
92) Benzo(g,h,i)perylene	17.42	276	92884	6.098	ng		96

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

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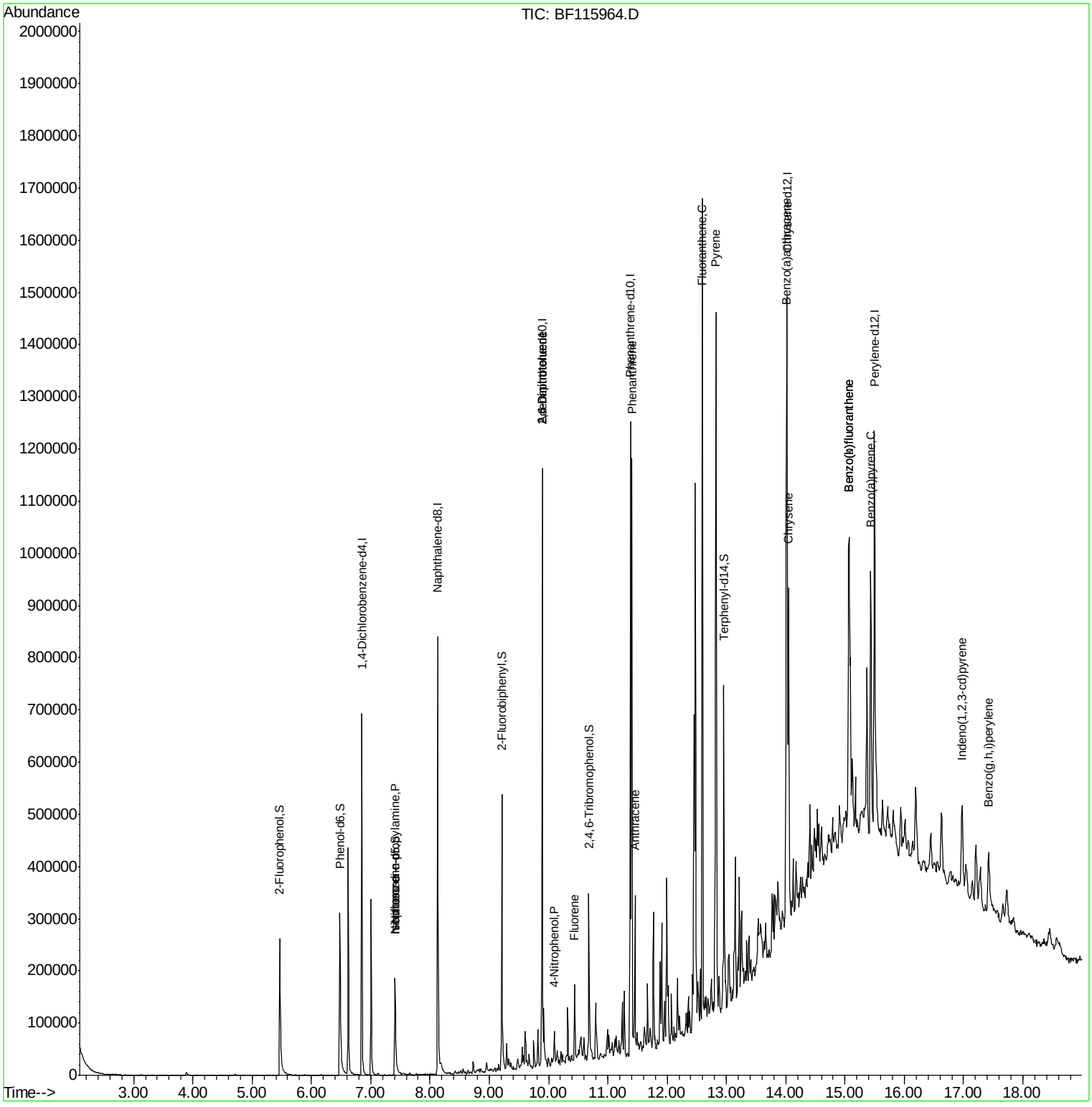
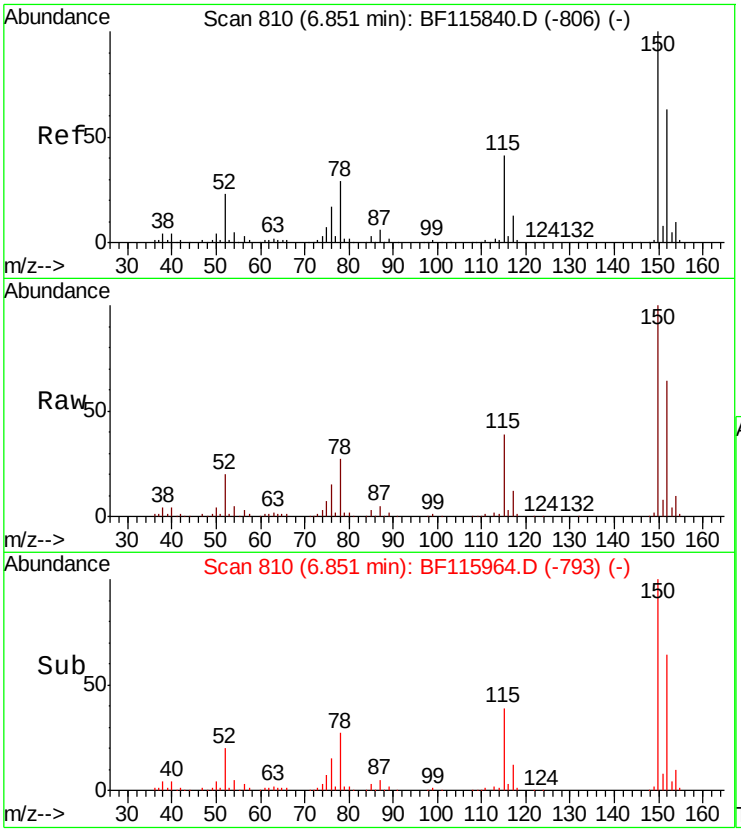


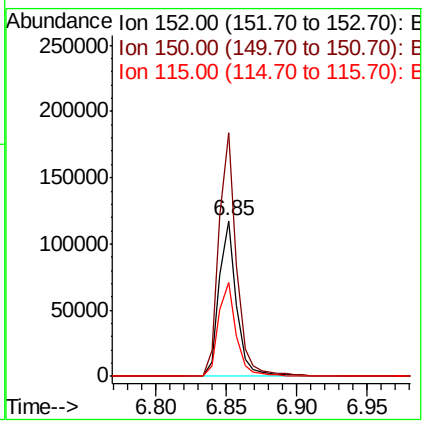


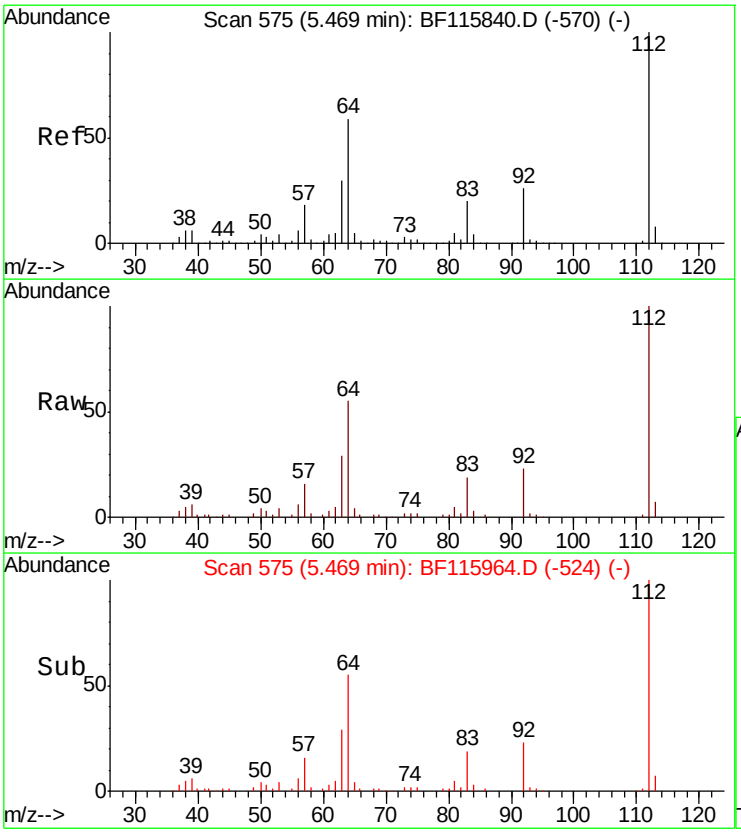
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:152 Resp: 101973

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	60.5	51.8	77.8

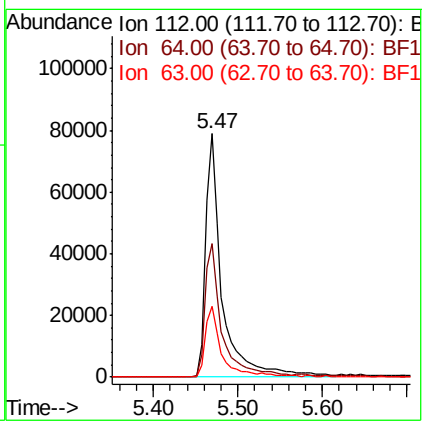


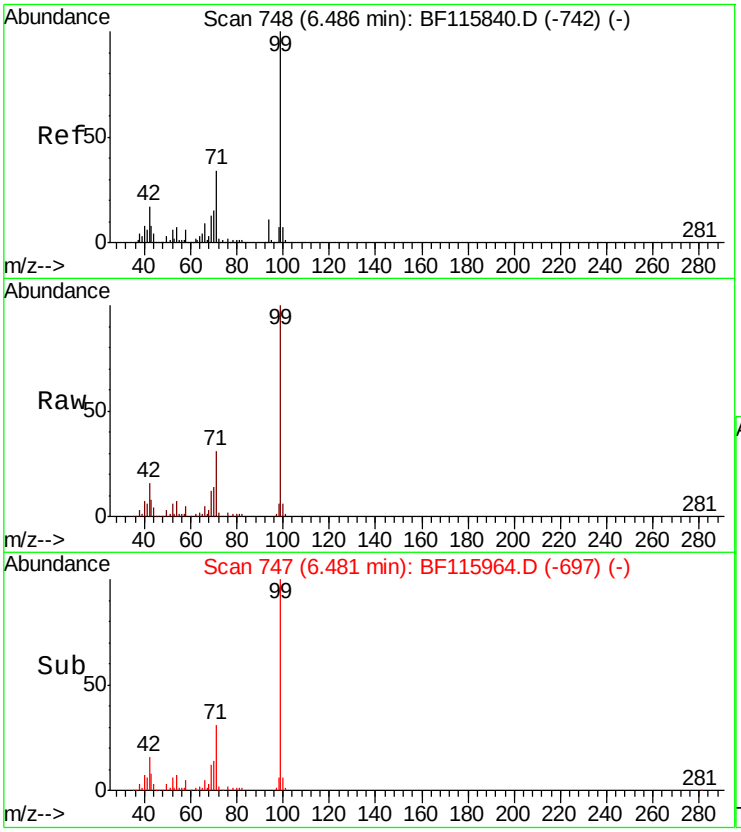


#5
2-Fluorophenol
Concen: 17.706 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:112 Resp: 107852

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.8	70.2
63	29.0	24.2	36.2



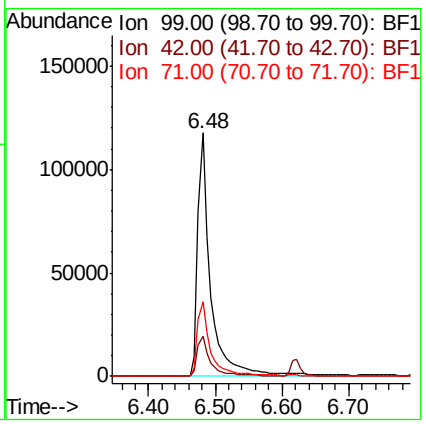


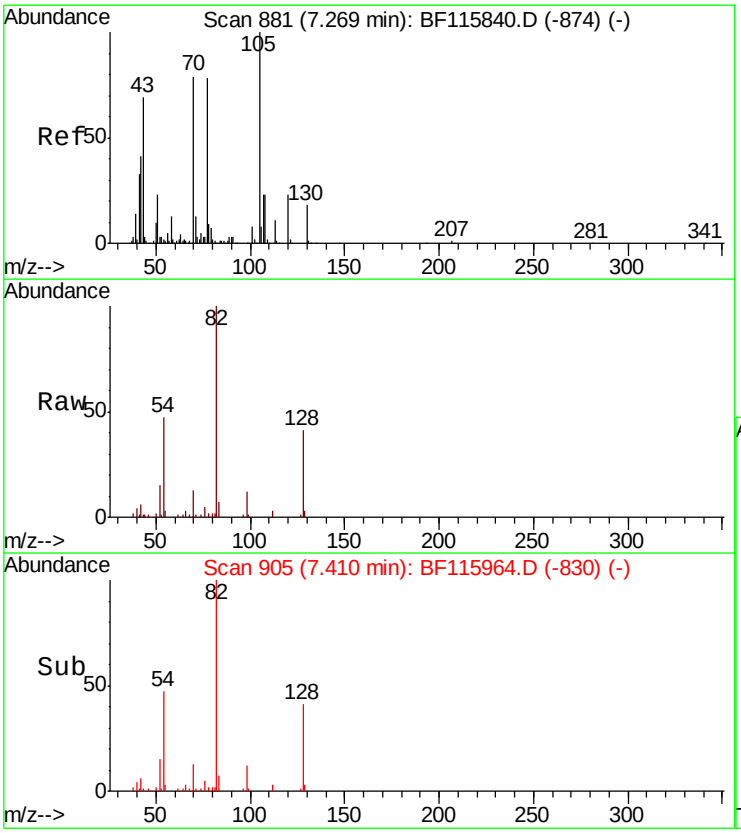
#7
Phenol-d6
Concen: 19.821 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion: 99 Resp: 152332

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	30.8	27.1	40.7

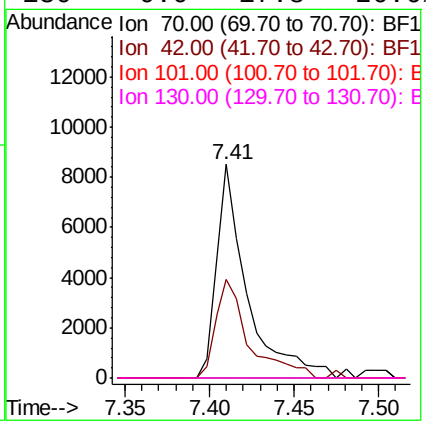


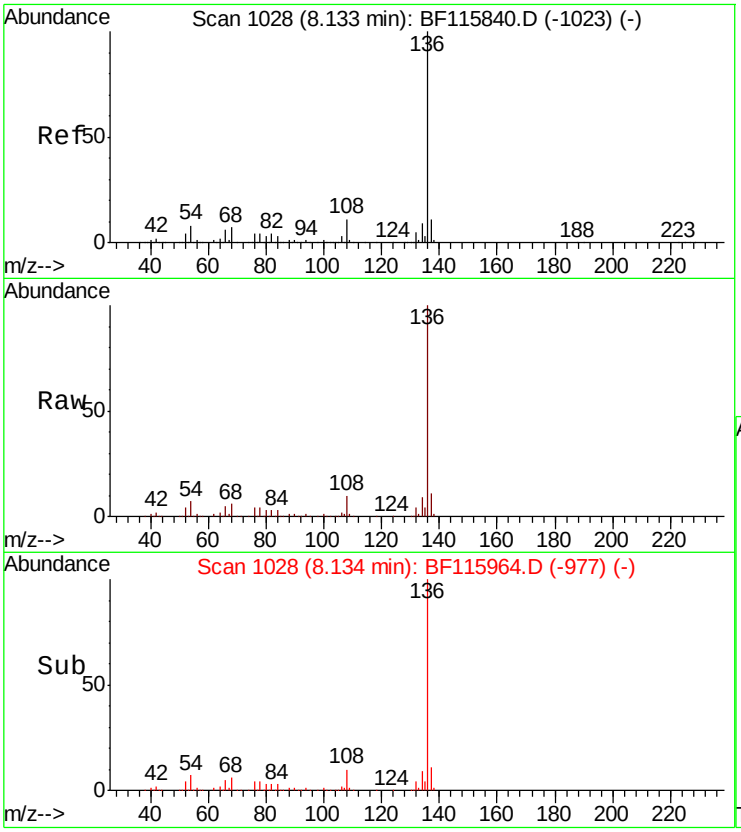


#19
n-Nitroso-di-n-propylamine
Concen: 2.254 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion: 70 Resp: 10736

Ion	Ratio	Lower	Upper
70	100		
42	46.3	41.8	62.8
101	0.0	7.7	11.5#
130	0.0	17.8	26.6#



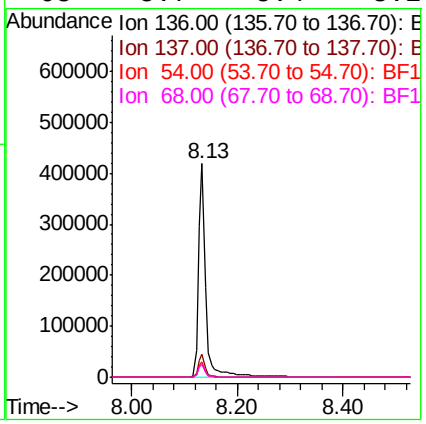


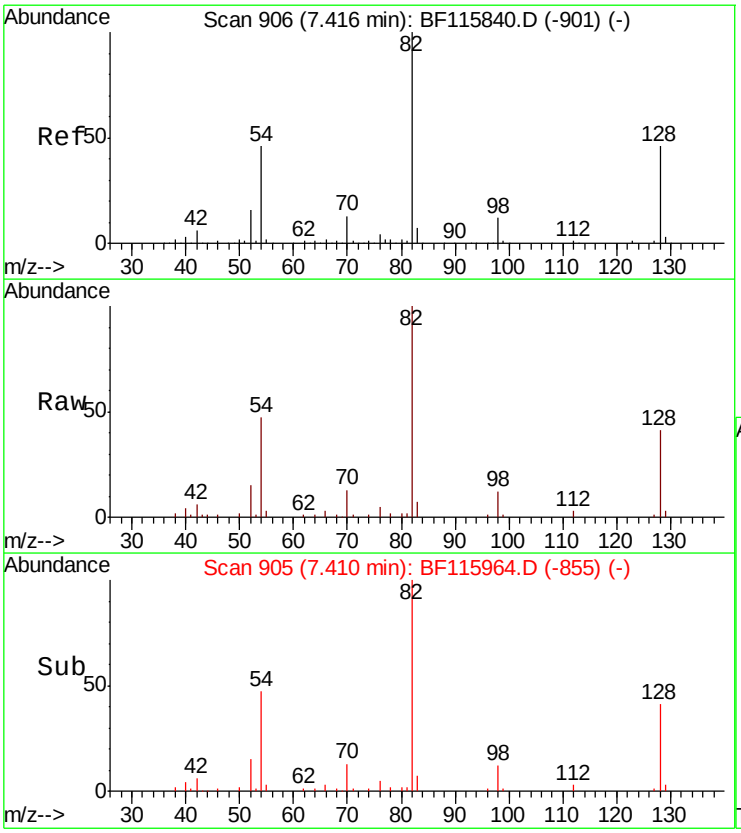
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:136 Resp: 408704

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.1	9.1
68	5.7	5.4	8.2

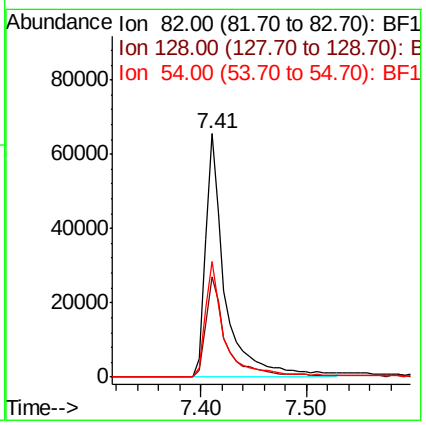


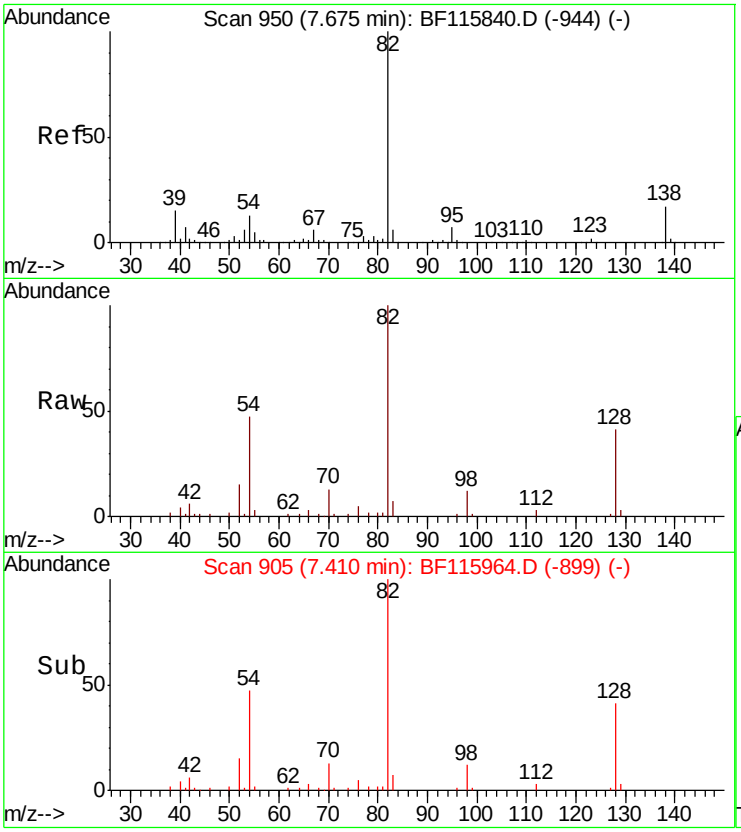


#23
Nitrobenzene-d5
Concen: 11.966 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion: 82 Resp: 84725

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.6	55.0
54	47.3	36.6	55.0



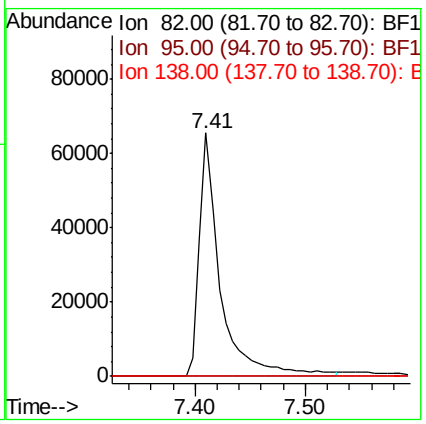


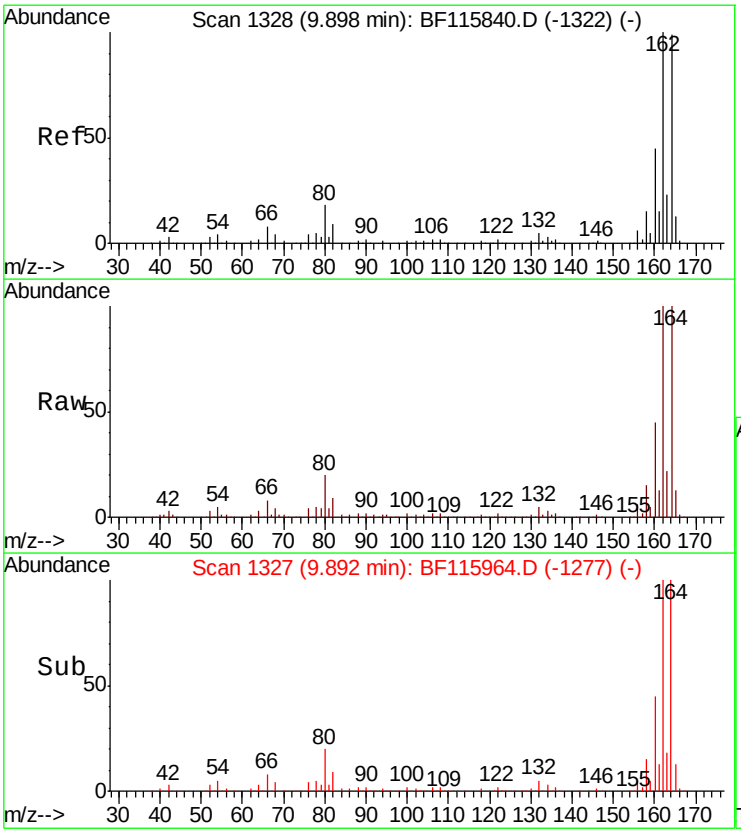
#25
Isophorone
Concen: 6.258 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion: 82 Resp: 84724

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

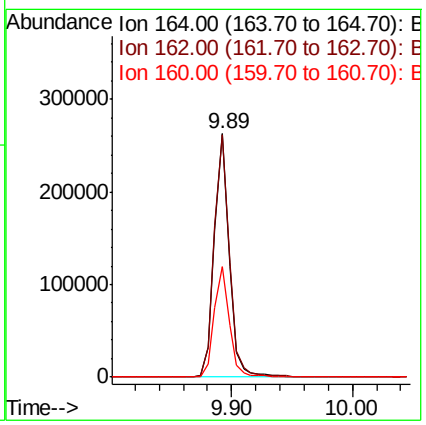


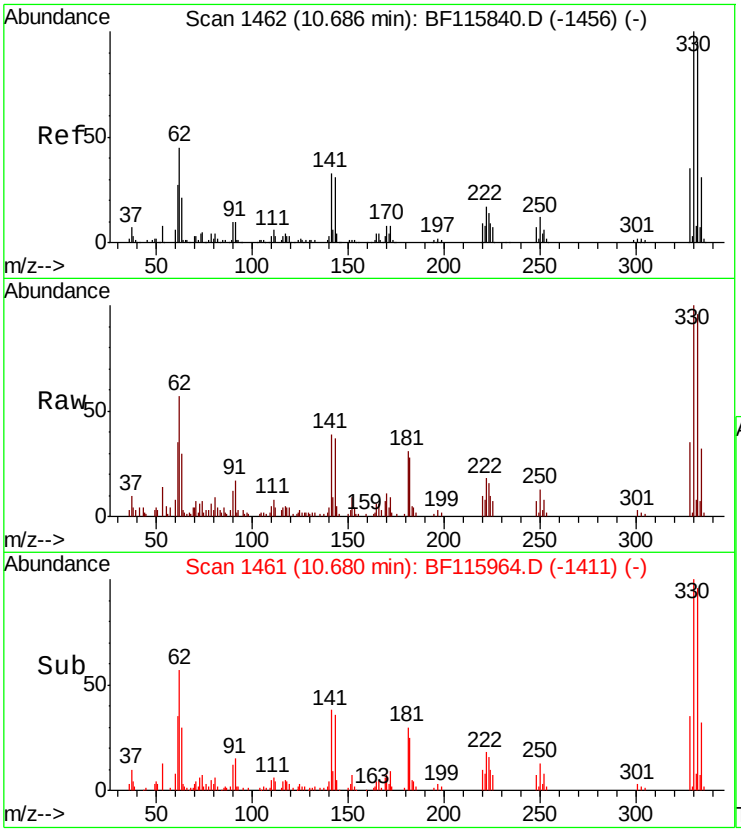


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:164 Resp: 223276

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.8	121.2
160	45.3	36.2	54.4



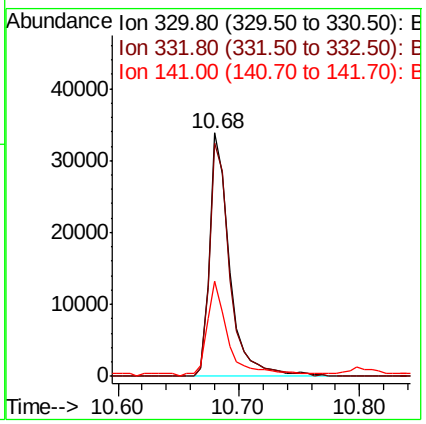


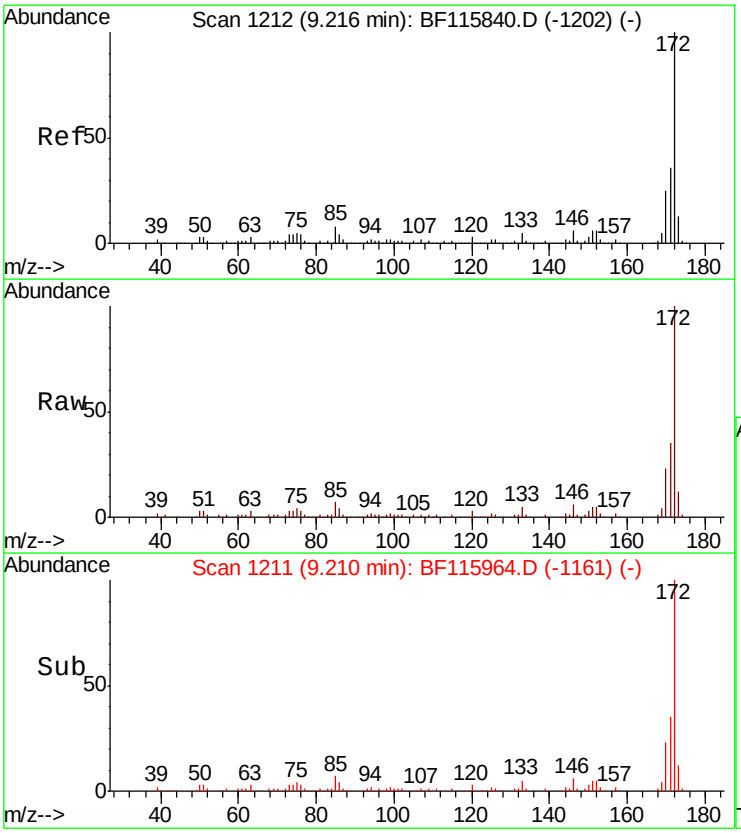
#42
2,4,6-Tribromophenol
Concen: 17.876 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:330 Resp: 38696

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.7	116.5
141	42.8	28.1	42.1#

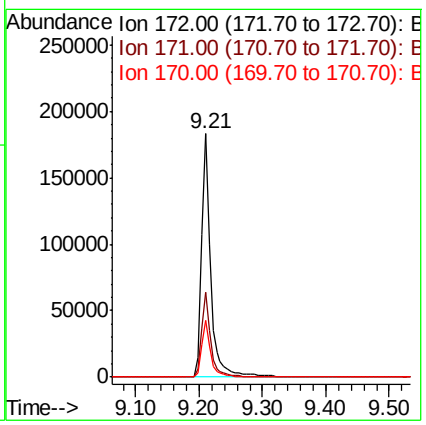


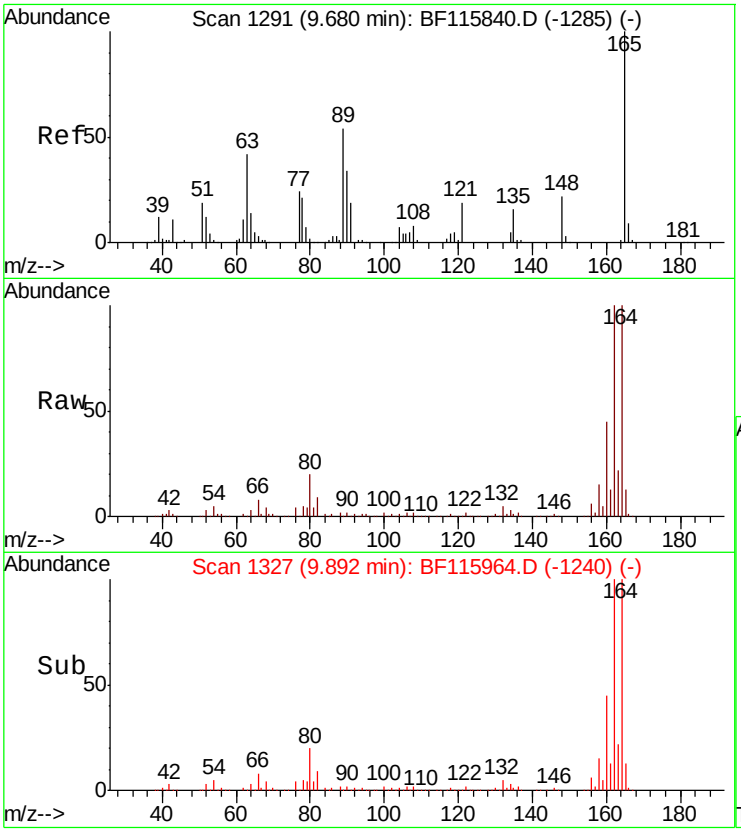


#45
2-Fluorobiphenyl
Concen: 15.329 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:172 Resp: 182726

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.1	43.7
170	23.5	20.1	30.1



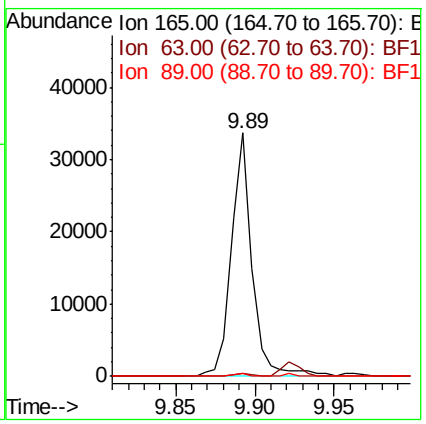


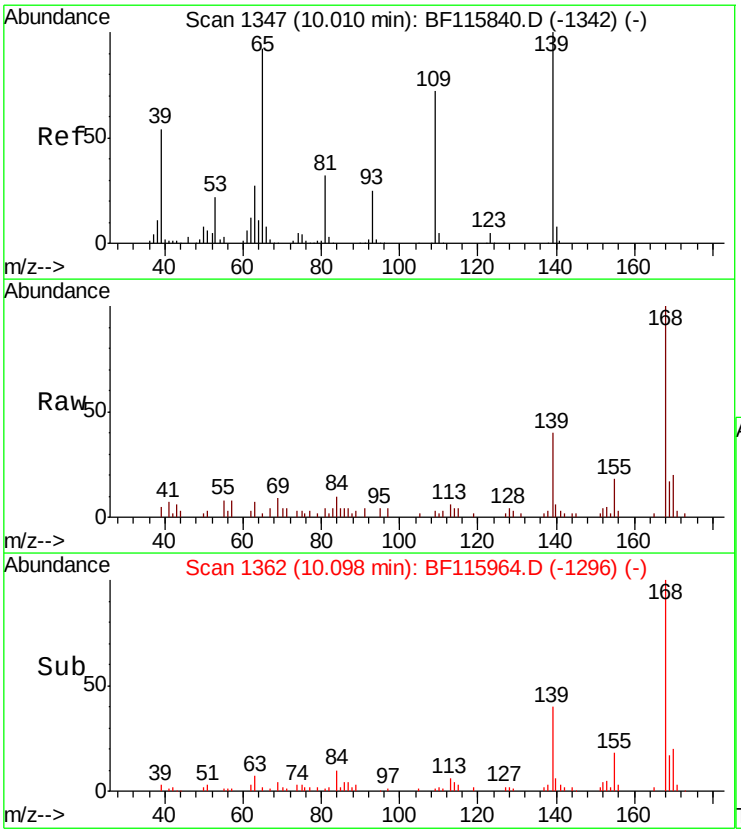
#51
2,6-Dinitrotoluene
Concen: 9.238 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:165 Resp: 30522

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.4	59.2#
89	1.3	43.0	64.6#

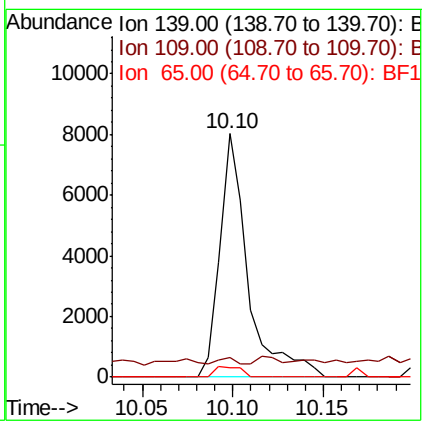


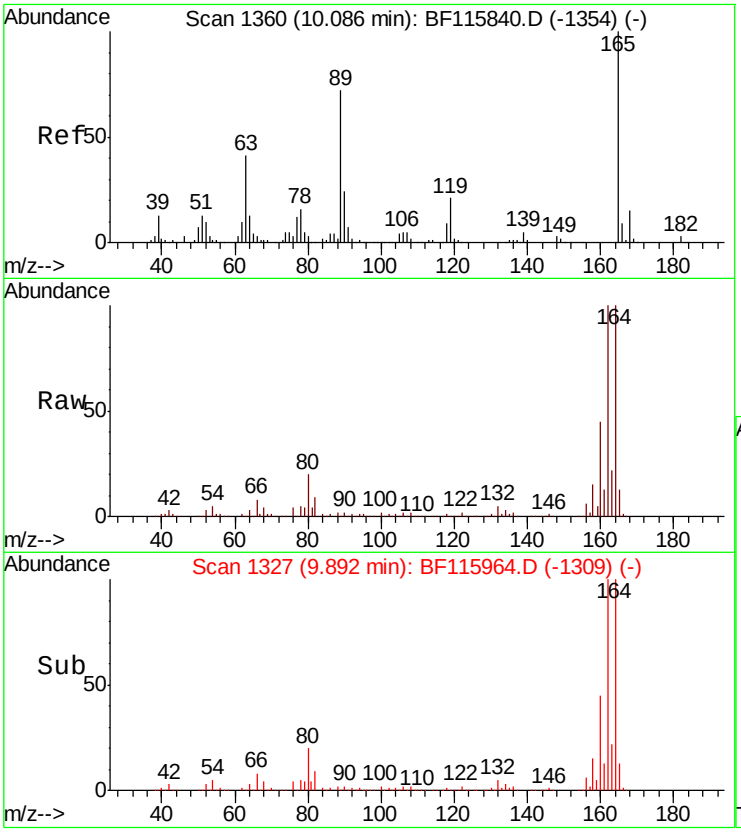


#56
4-Nitrophenol
Concen: 3.314 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:139 Resp: 8667

Ion	Ratio	Lower	Upper
139	100		
109	8.0	52.0	92.0#
65	4.1	72.6	112.6#



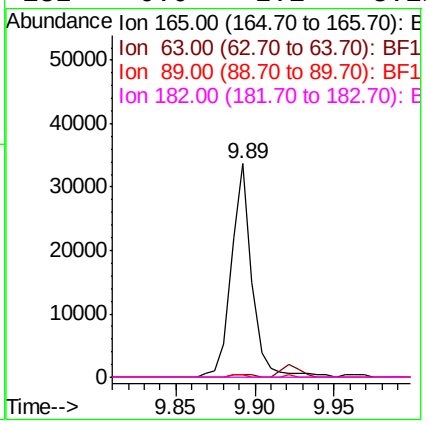


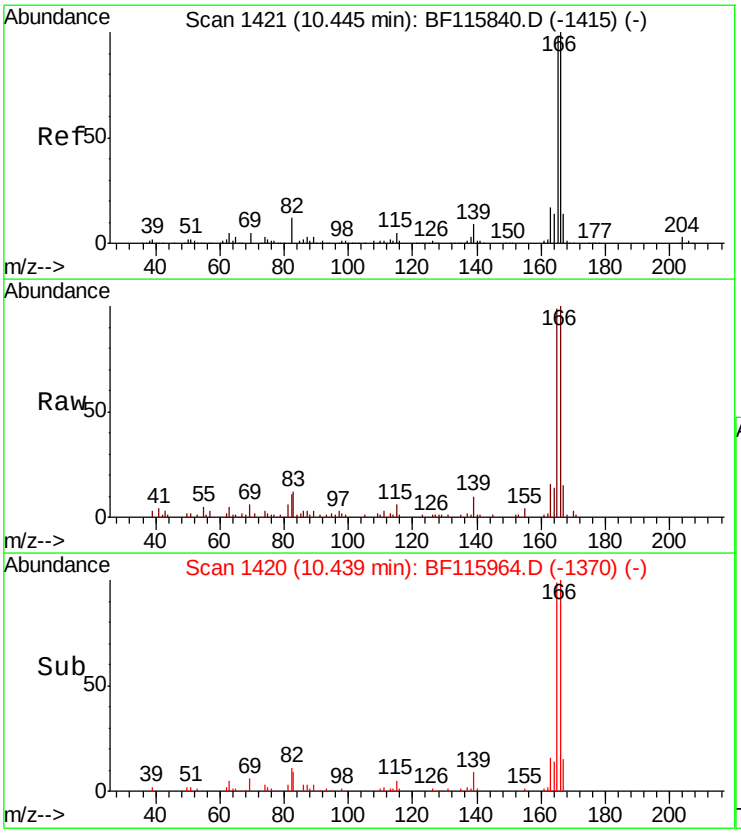
#57
2,4-Dinitrotoluene
Concen: 6.939 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:165 Resp: 30522

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.2	49.8#
89	1.3	57.3	85.9#
182	0.0	2.1	3.1#

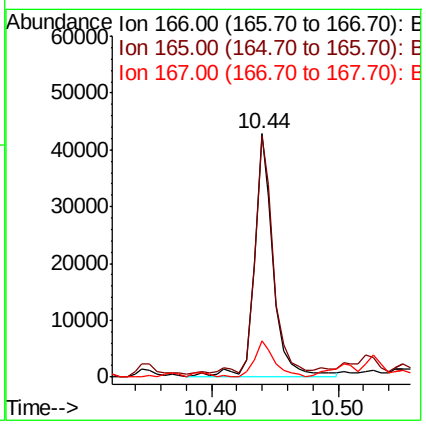


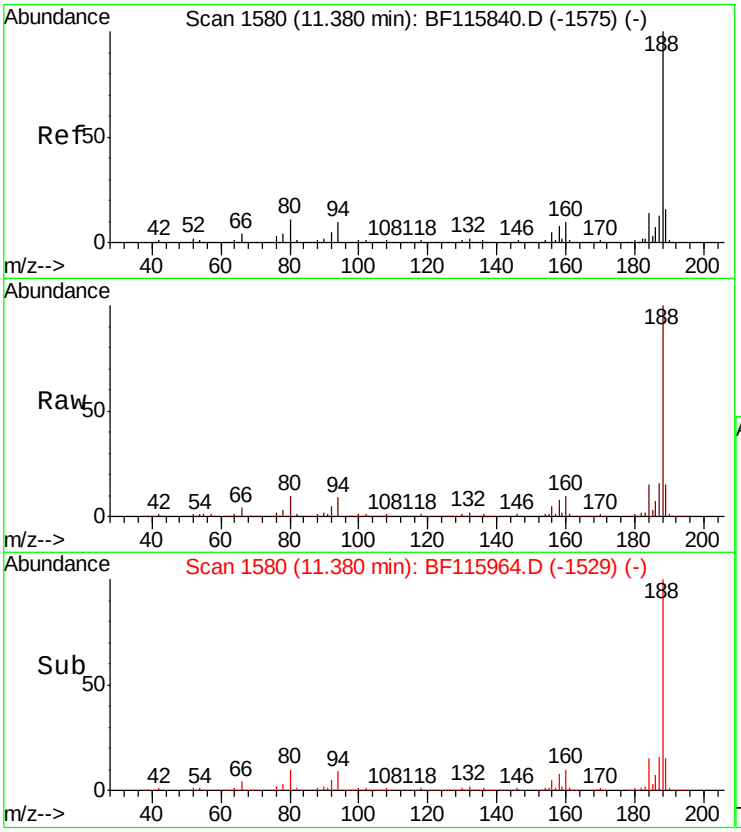


#58
Fluorene
Concen: 3.422 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:166 Resp: 44958

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	14.8	10.9	16.3



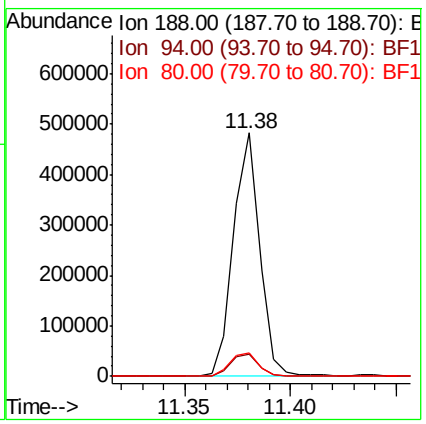


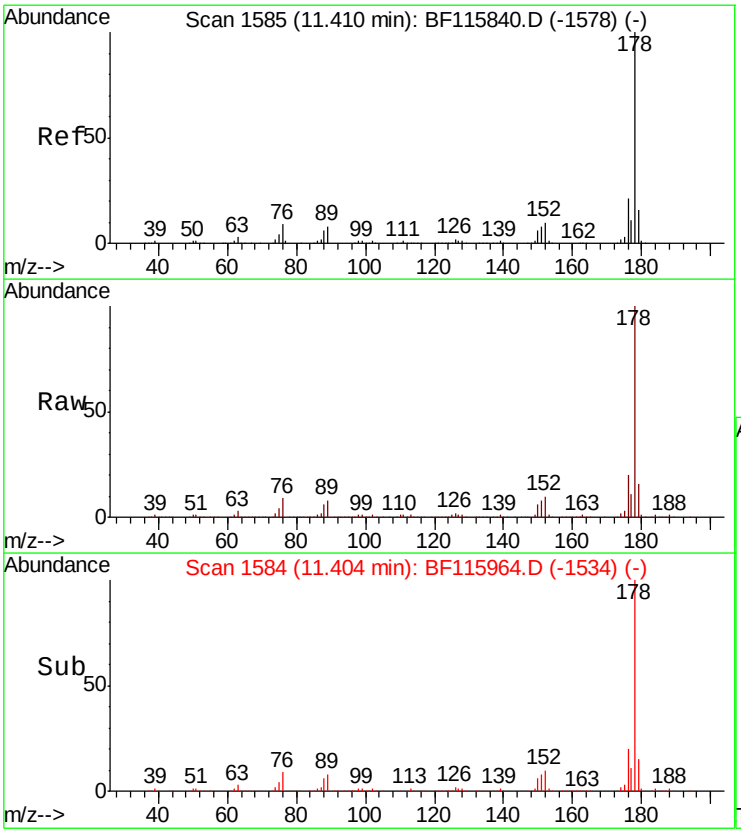
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:188 Resp: 413287

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8

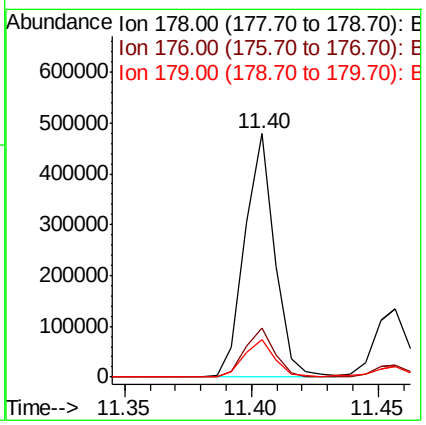


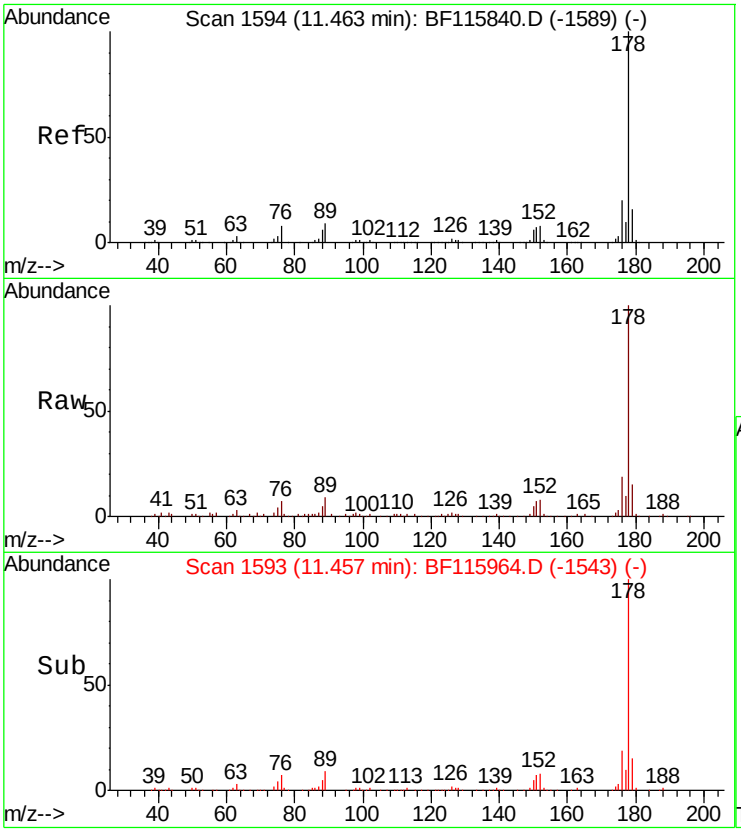


#71
Phenanthrene
Concen: 18.611 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:178 Resp: 393225

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.5	24.7
179	15.5	12.6	18.8



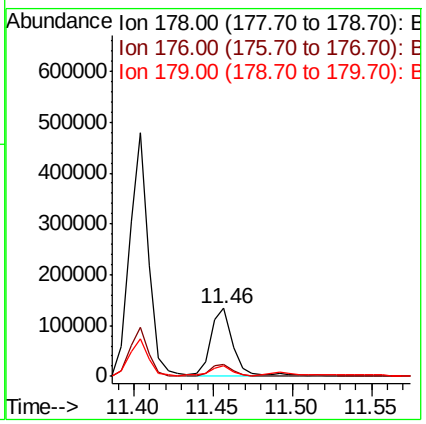


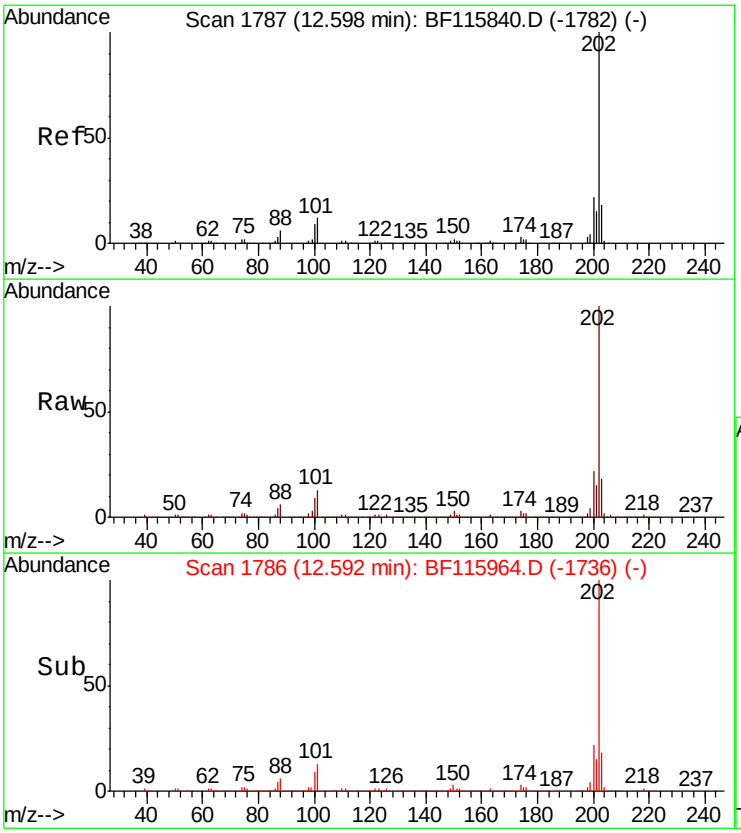
#72
Anthracene
Concen: 6.004 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:178 Resp: 128371

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	15.2	12.4	18.6

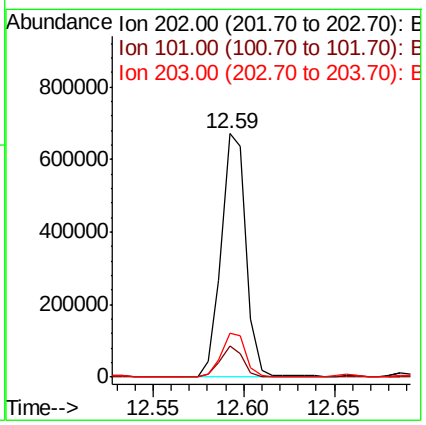


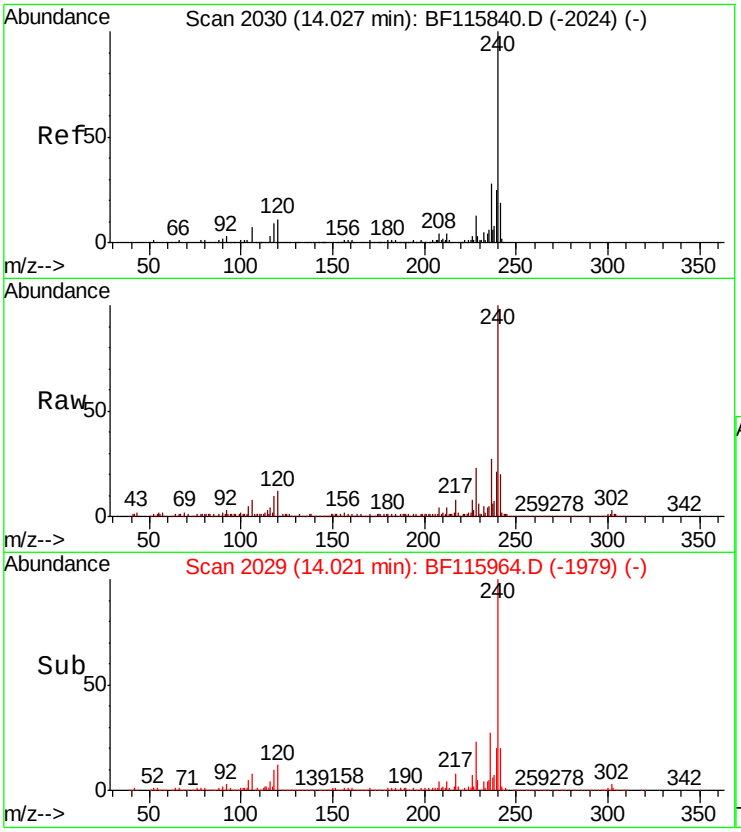


#75
Fluoranthene
Concen: 28.972 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:202 Resp: 640837

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	18.1	0.0	37.9



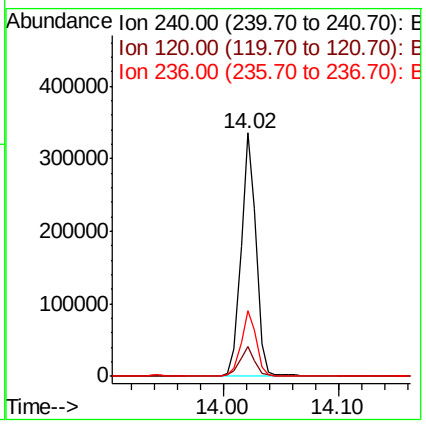


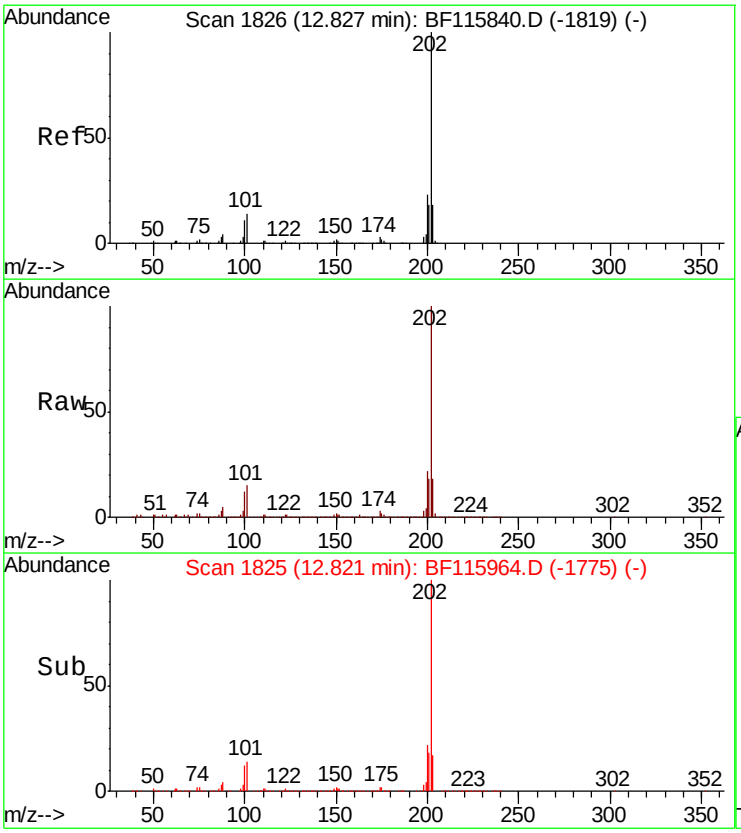
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:240 Resp: 298184

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.5	12.7
236	26.8	22.2	33.2

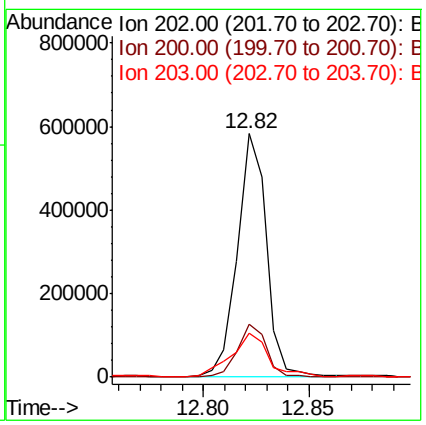


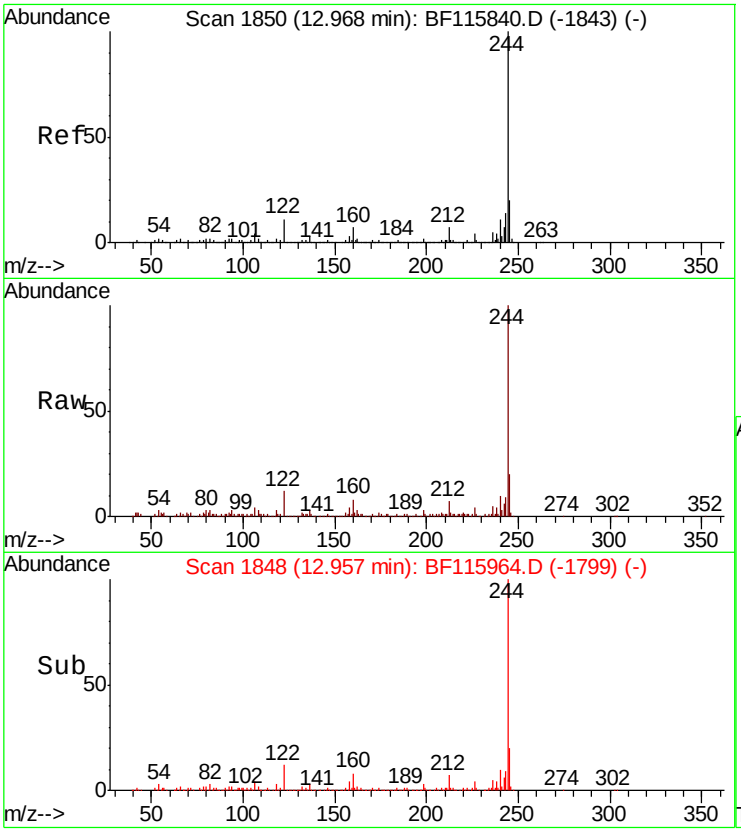


#78
Pyrene
Concen: 24.584 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:202 Resp: 552597

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.2	27.2
203	17.9	14.3	21.5



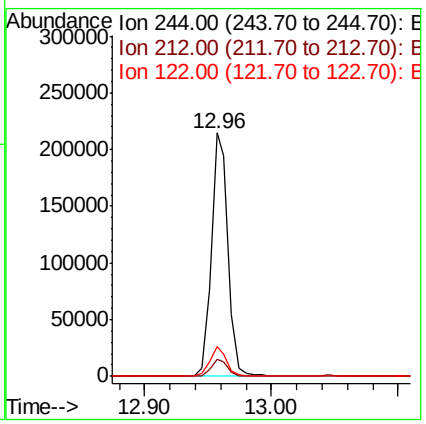


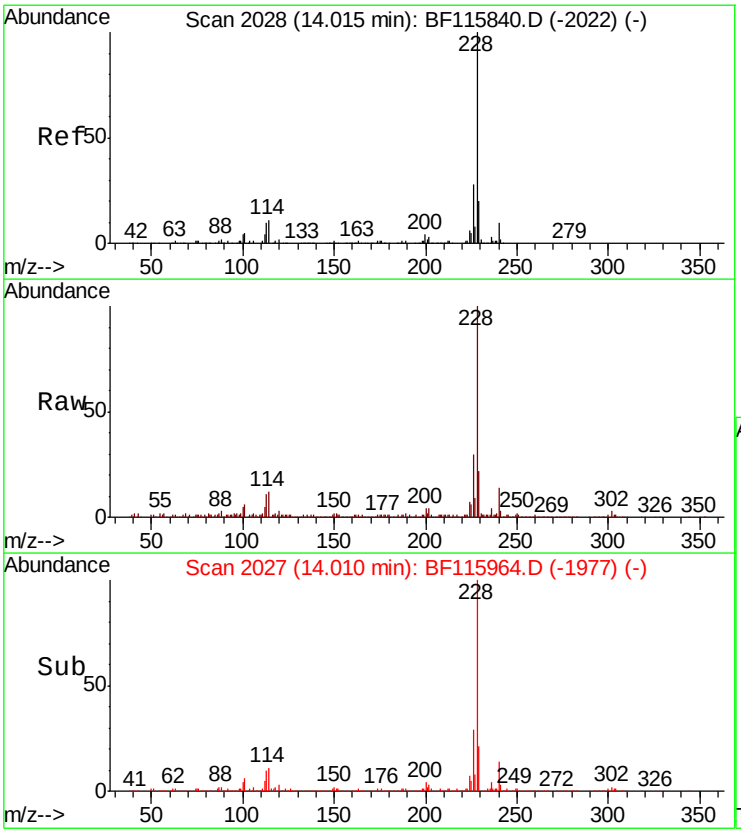
#79
Terphenyl-d14
Concen: 14.070 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:244 Resp: 199098

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.2	8.6	13.0

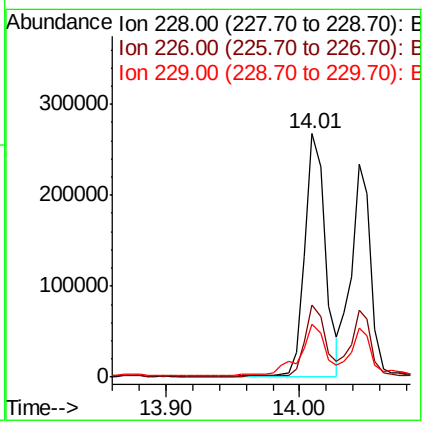


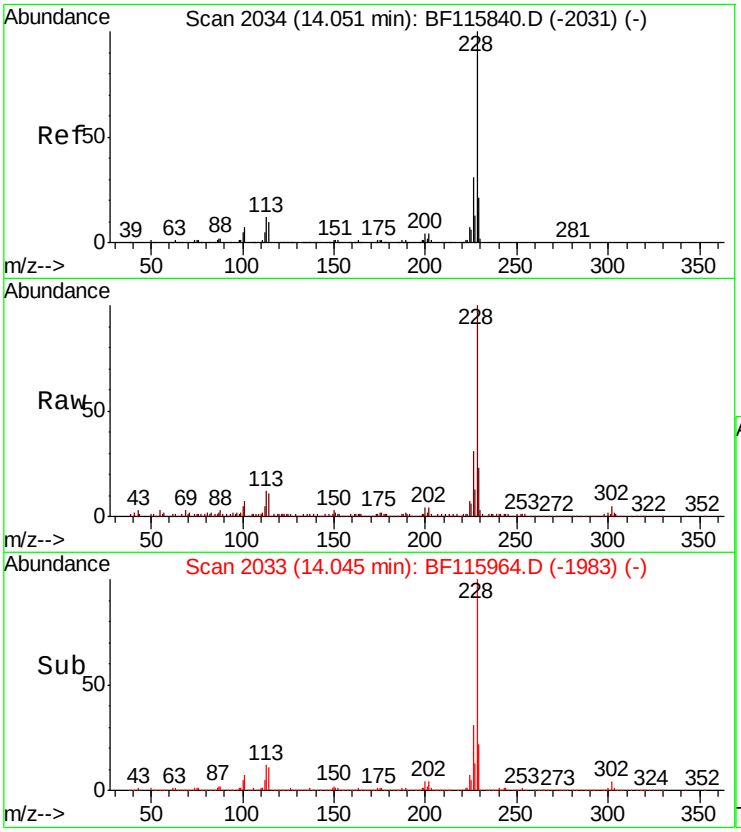


#81
Benzo(a)anthracene
Concen: 14.719 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:228 Resp: 280520

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	21.5	16.1	24.1



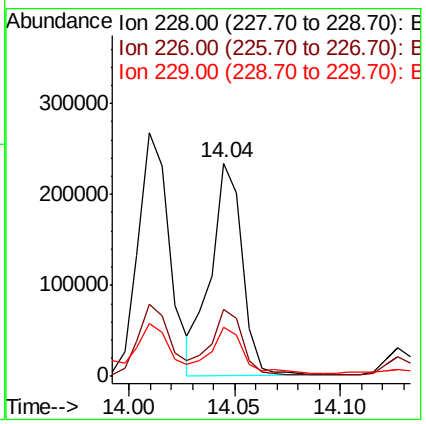


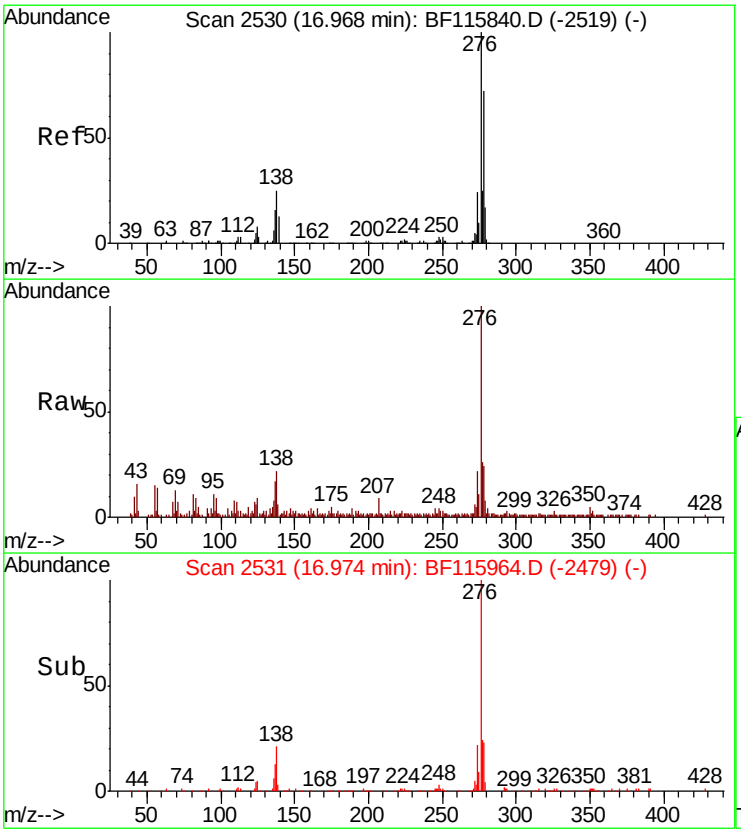
#83
Chrysene
Concen: 13.051 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:228 Resp: 241491

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	22.9	16.4	24.6

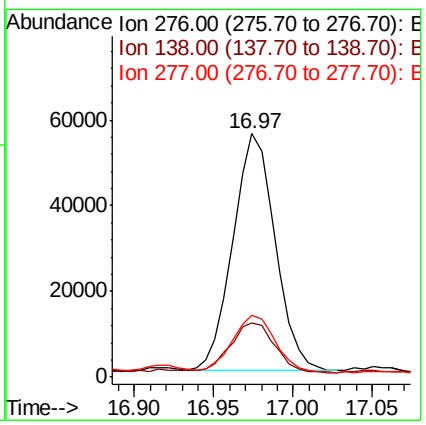


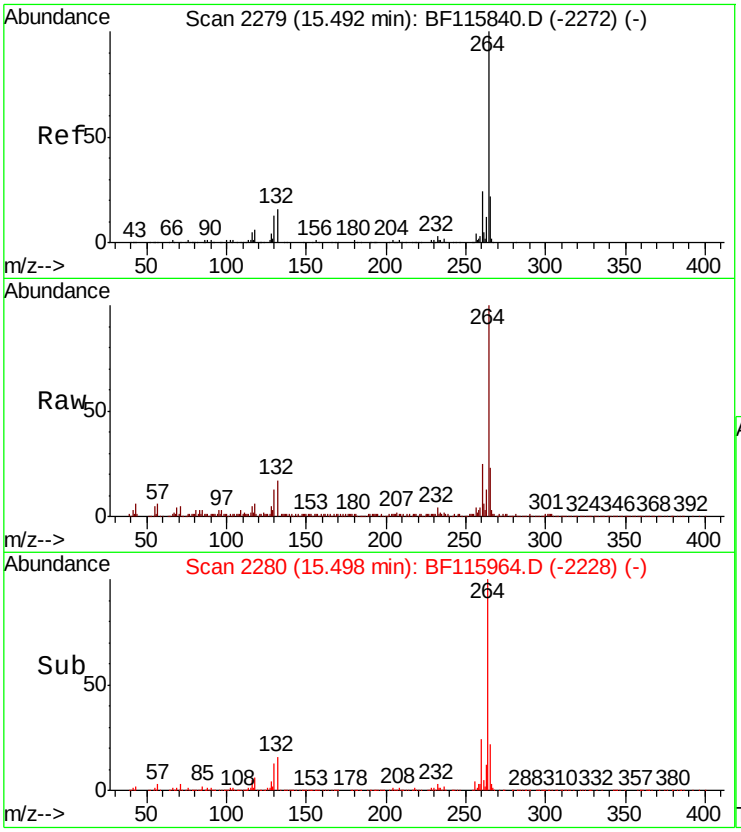


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.585 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:276 Resp: 102340

Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.6	29.4
277	25.0	20.1	30.1



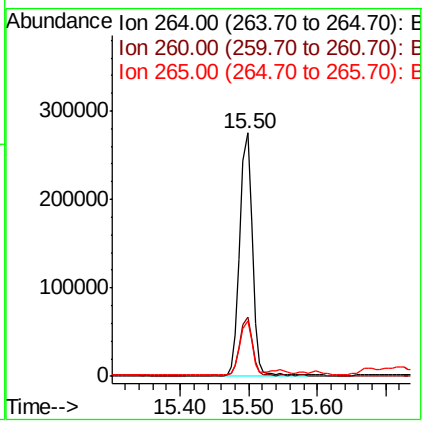


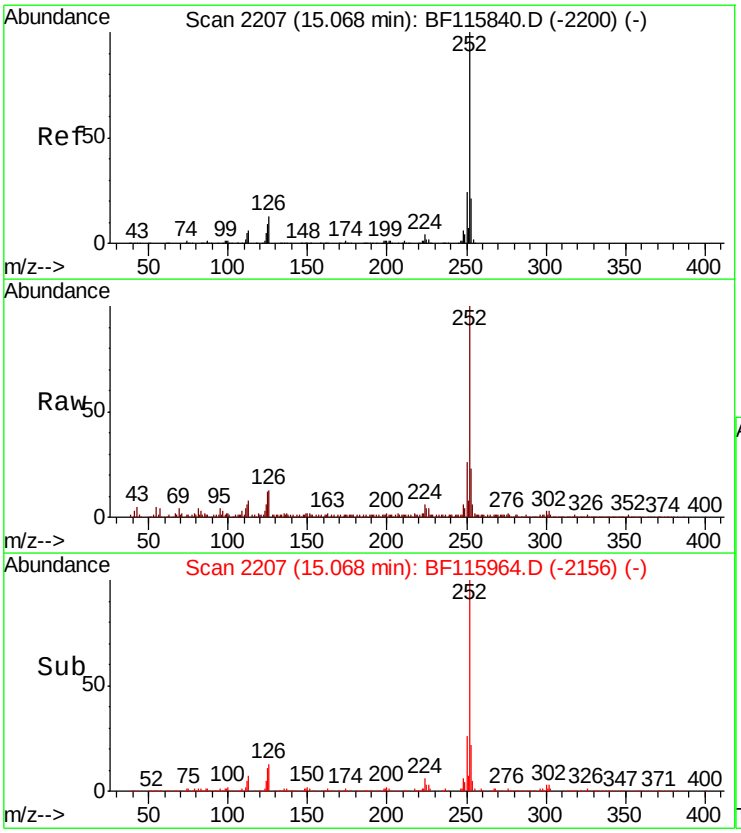
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:264 Resp: 346650

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.6	17.5	26.3

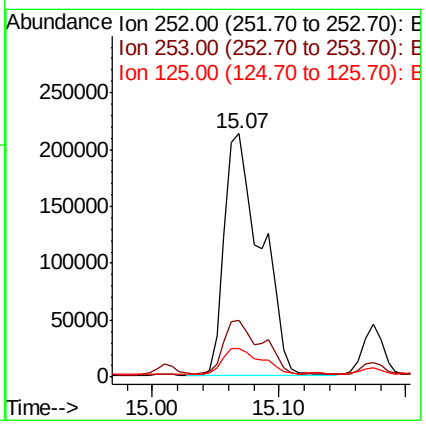


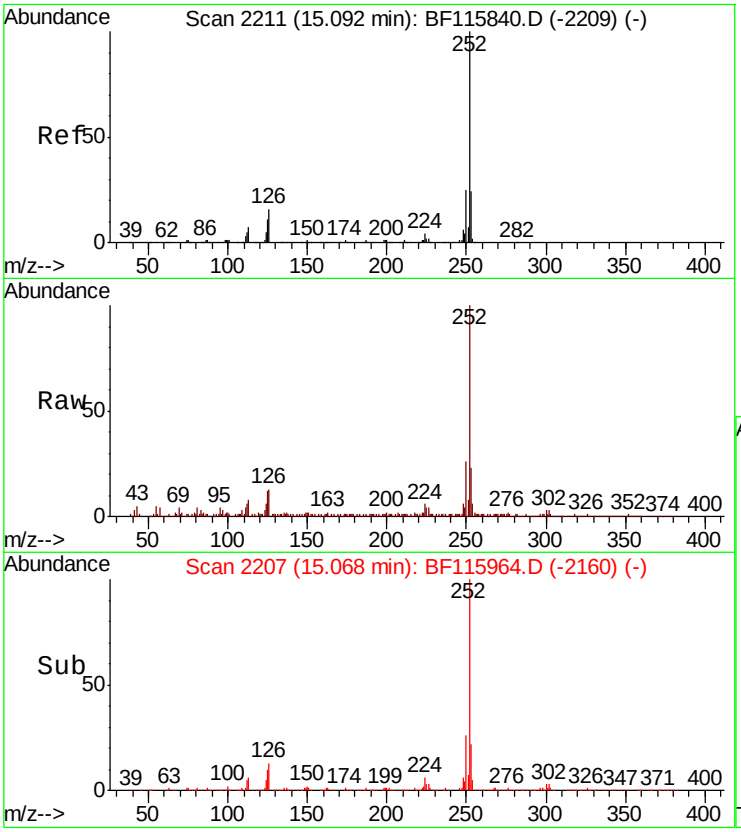


#88
Benzo(b)fluoranthene
Concen: 21.321 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:252 Resp: 427361

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	11.8	7.4	11.0#



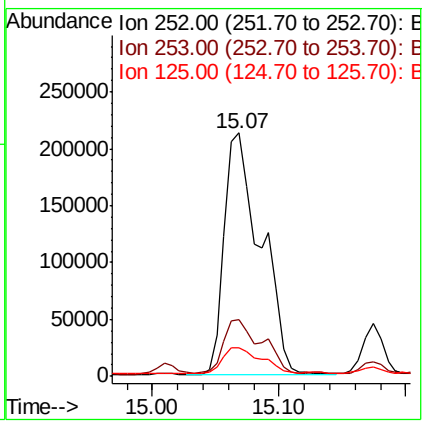


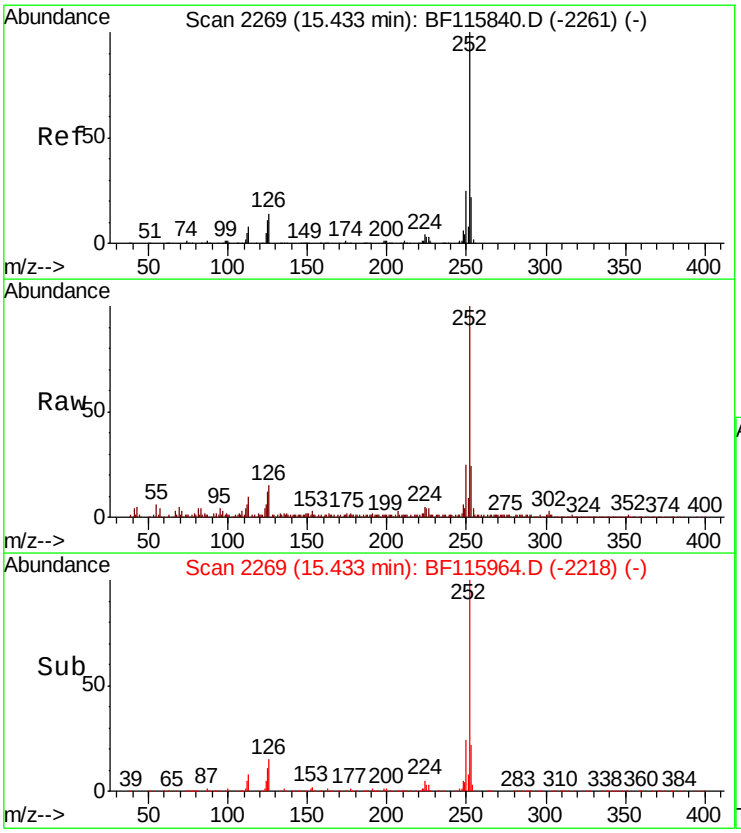
#89
Benzo(k)fluoranthene
Concen: 21.890 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:252 Resp: 427361

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.8	8.9	13.3

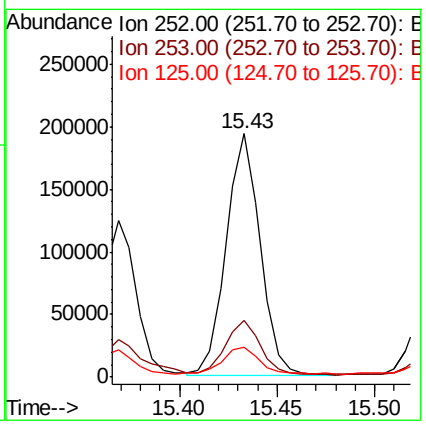


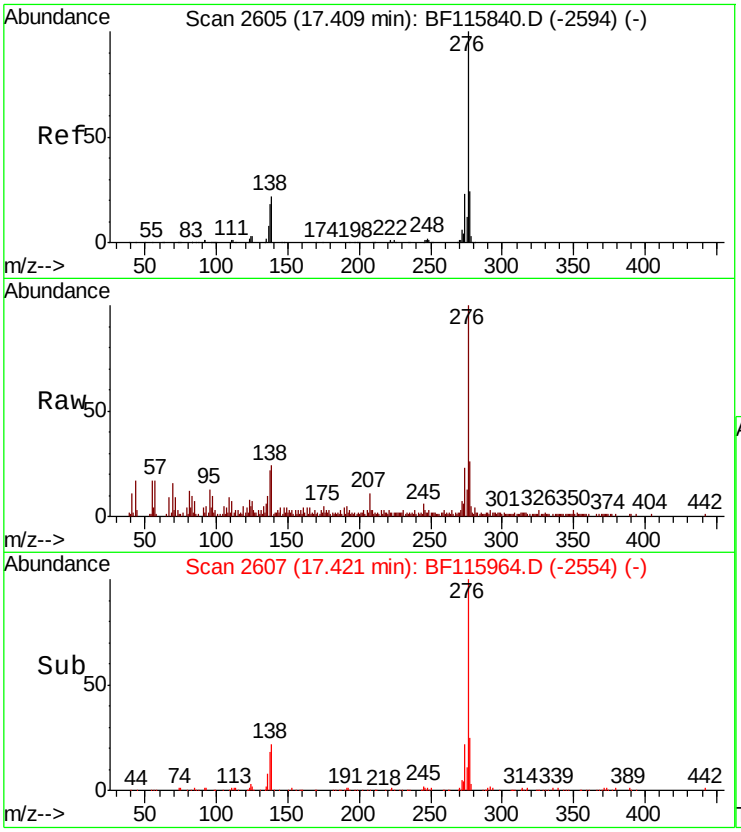


#90
Benzo(a)pyrene
Concen: 12.971 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Tgt Ion:252 Resp: 232409

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	12.4	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 6.098 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF115964.D
Acq: 2 Aug 2019 23:11

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:276 Resp: 92884

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.5	29.3
138	23.8	17.8	26.8