Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9A

Quant Time: Mar 19 07:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	362872	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1349129	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	649234	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1107340	20.00	ng		0.00
76) Chrysene-d12	14.03	240	655162	20.00	ng		0.00
87) Perylene-d12	15.50	264	696668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2102002	92.21	ng		0.01
7) Phenol-d6	6.47	99	2640333	90.67	ng		0.00
23) Nitrobenzene-d5	7.42	82	1635733	65.89	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	584973	87.34	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2787253	63.60	ng		0.00
79) Terphenyl-d14	12.97	244	2369802	70.87	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	214320	12.21	ng	#	76
25) Isophorone	7.42	82	1634155	32.45	ng	#	66
50) Dimethylphthalate	9.61	163	283005	6.14	ng		99
56) 4-Nitrophenol	10.10	139	22258	2.26	ng	#	11
57) 2,4-Dinitrotoluene	9.90	165	85629	6.88	ng	#	25
67) 4-Bromophenyl-phenylether	10.69	248	36143	2.87	ng	#	1
71) Phenanthrene	11.41	178	607608	10.58	ng		97
72) Anthracene	11.46	178	201507	3.45	ng		98
75) Fluoranthene	12.60	202	707753	11.39	ng		97
78) Pyrene	12.83	202	594410	11.05	ng		98
81) Benzo(a)anthracene	14.02	228	241491	5.67	ng		99
83) Chrysene	14.05	228	210157	4.78	ng		100
86) Indeno(1,2,3-cd)pyrene	16.95	276	118323	2.86	ng		94
88) Benzo(b)fluoranthene	15.06	252	344124	7.39	ng		99
89) Benzo(k)fluoranthene	15.06	252	344124	7.77	ng		99
90) Benzo(a)pyrene	15.43	252	200187	4.73	ng		98
92) Benzo(g,h,i)perylene	17.39	276	107449	2.89	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119435.D
Acq On : 19 Mar 2020 00:49
Operator : CG/JU
Sample : L1943-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
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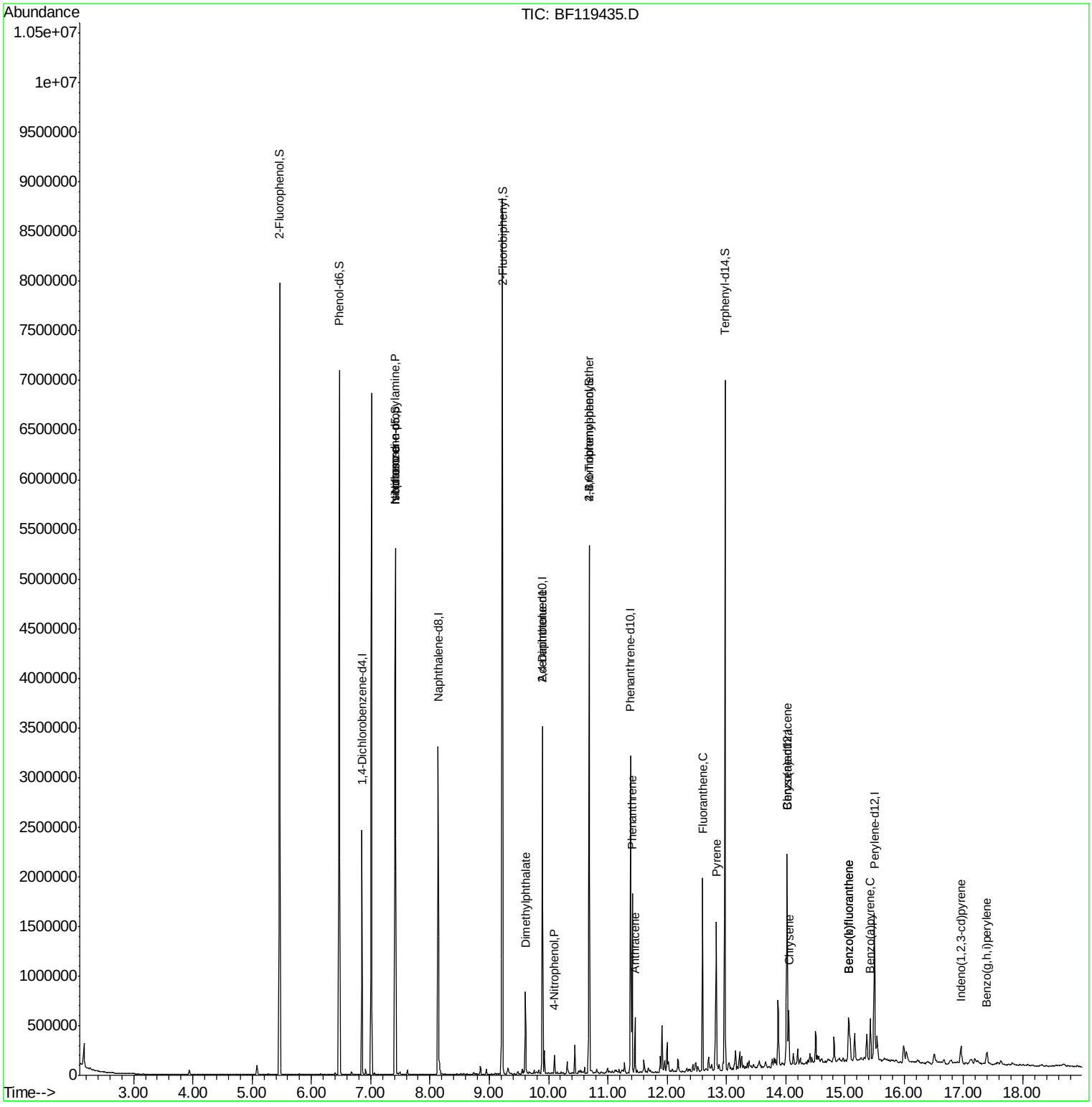
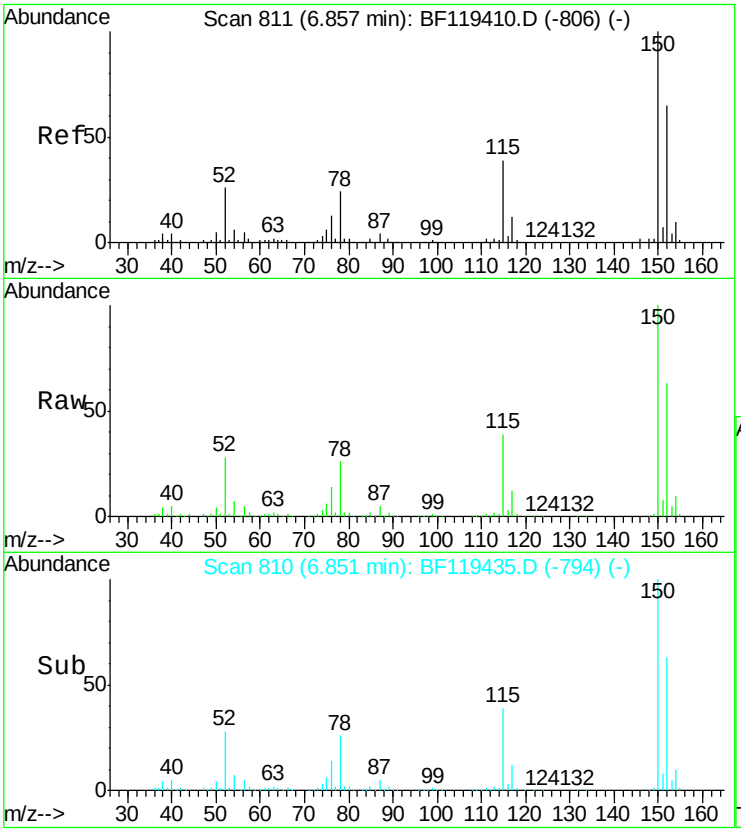
Quant Time: Mar 19 07:53:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration



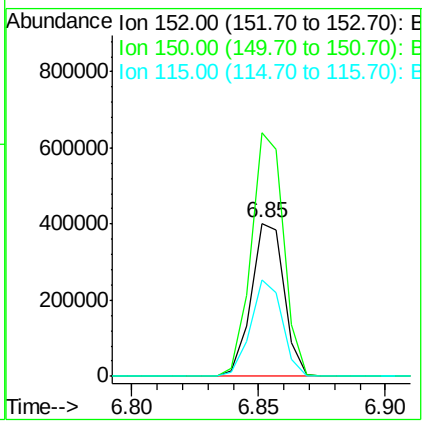


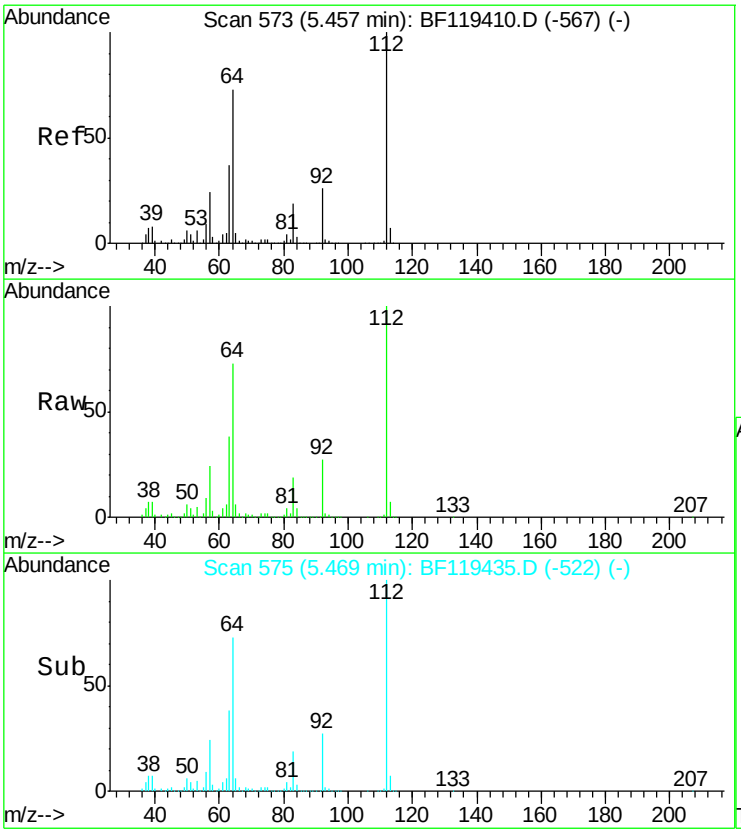
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:152 Resp: 362872

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.9	185.9
115	62.7	47.8	71.6

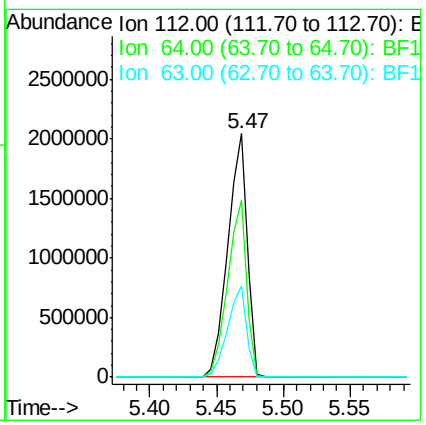


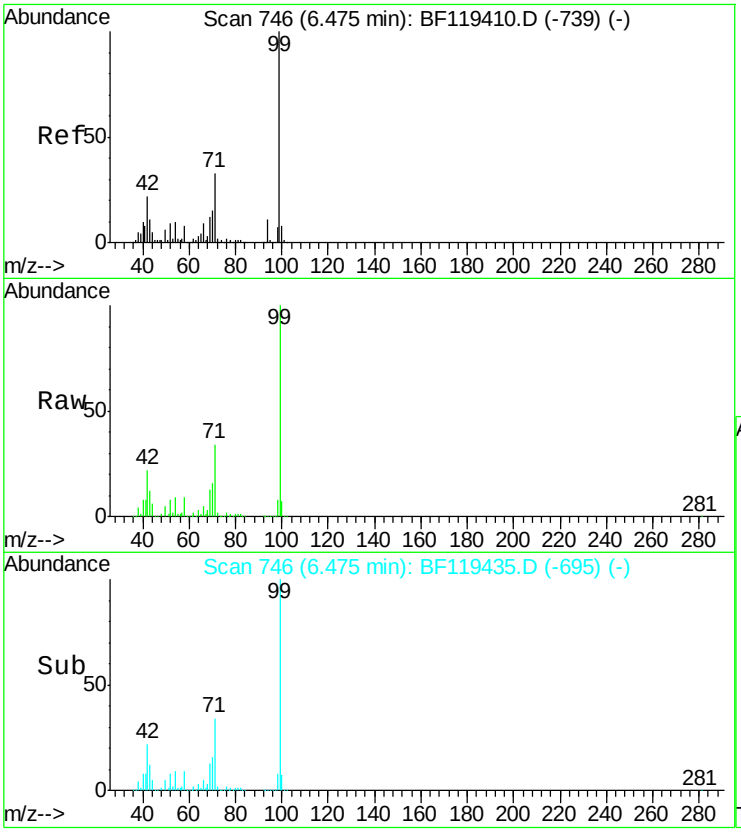


#5
2-Fluorophenol
Concen: 92.21 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:112 Resp: 2102002

Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.1	87.1
63	37.6	29.7	44.5



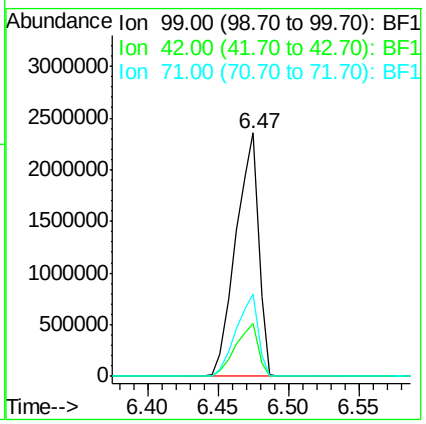


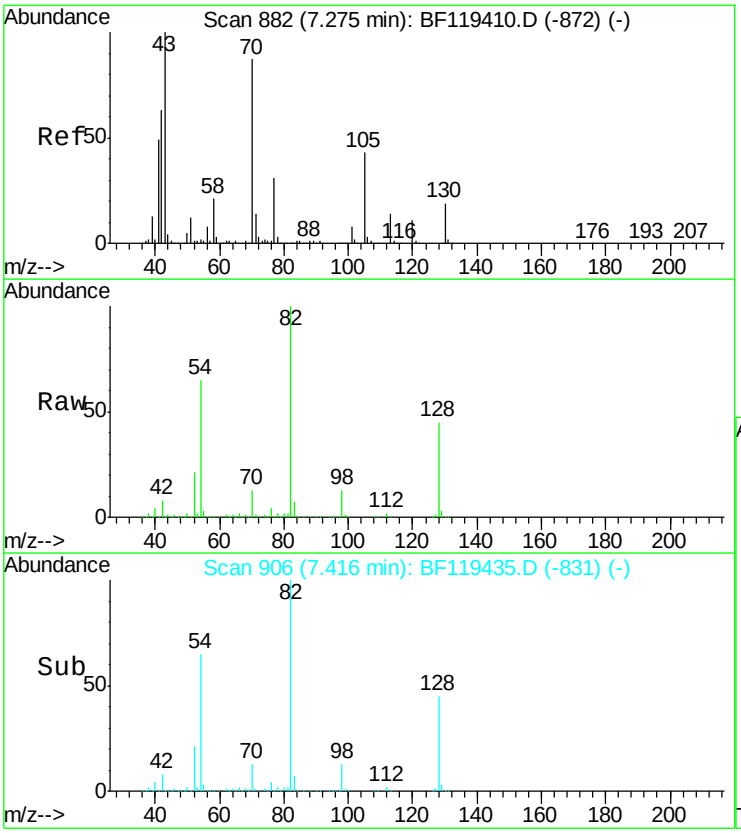
#7
Phenol-d6
Concen: 90.67 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion: 99 Resp: 2640333

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	33.8	26.0	39.0

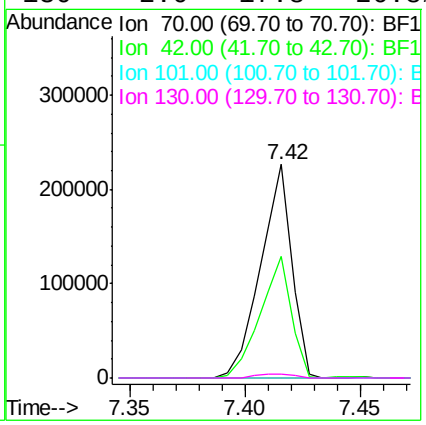


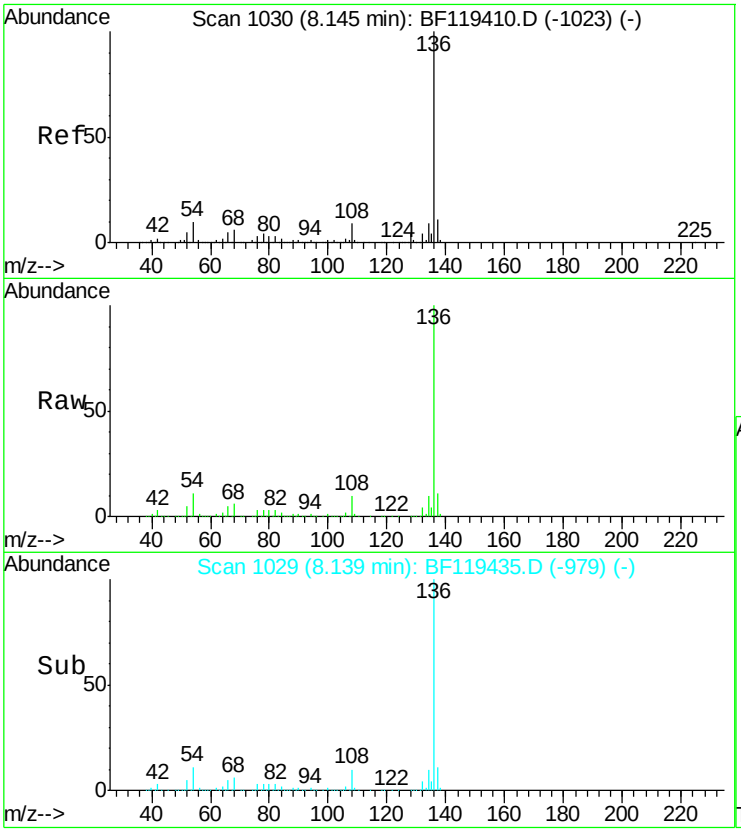


#19
n-Nitroso-di-n-propylamine
Concen: 12.21 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion: 70 Resp: 214320

Ion	Ratio	Lower	Upper
70	100		
42	57.0	58.2	87.4#
101	0.0	7.4	11.2#
130	2.0	17.8	26.8#



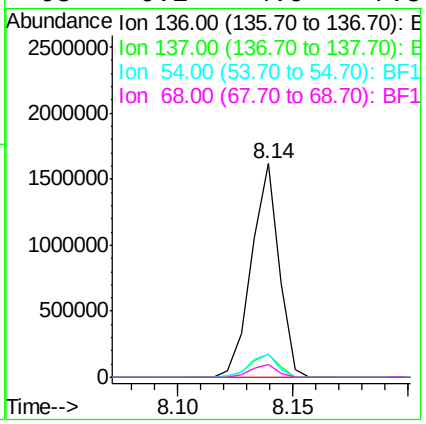


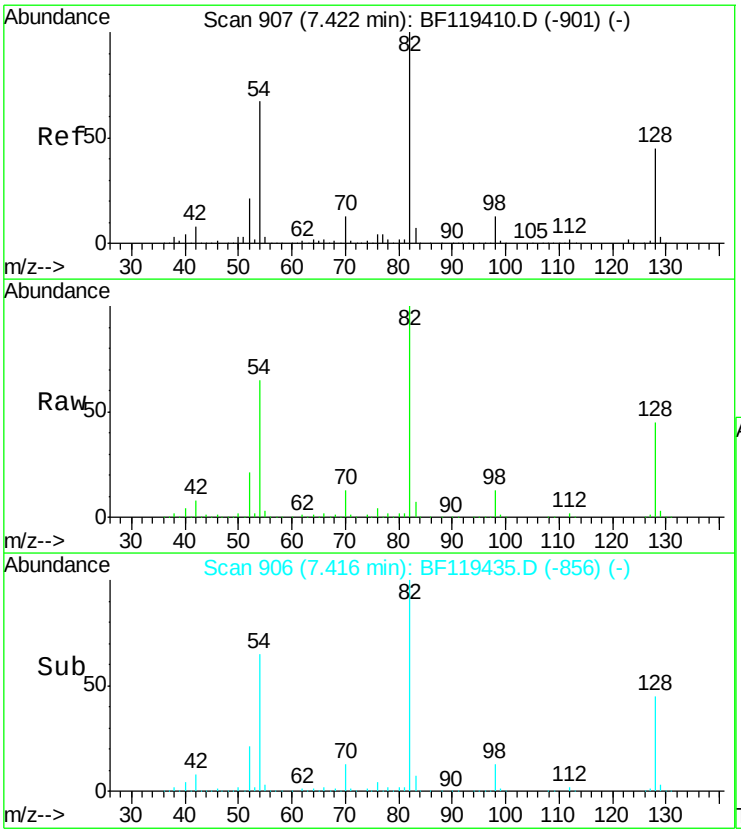
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:136 Resp: 1349129

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.0	8.3	12.5
68	6.2	4.9	7.3

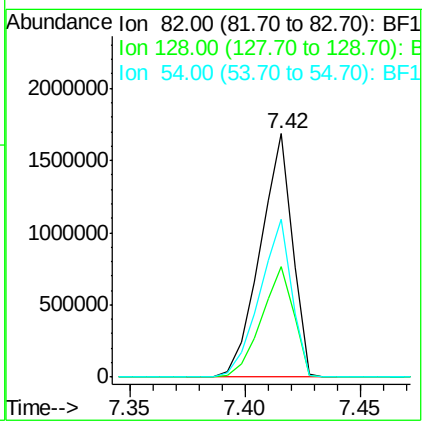


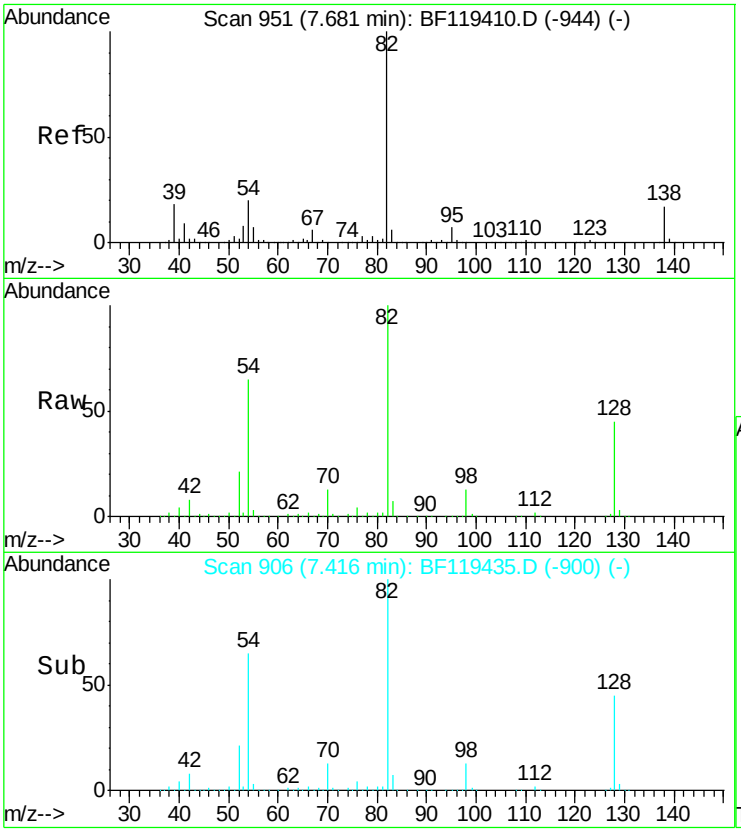


#23
Nitrobenzene-d5
Concen: 65.89 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion: 82 Resp: 1635733

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.8
54	65.0	53.4	80.0



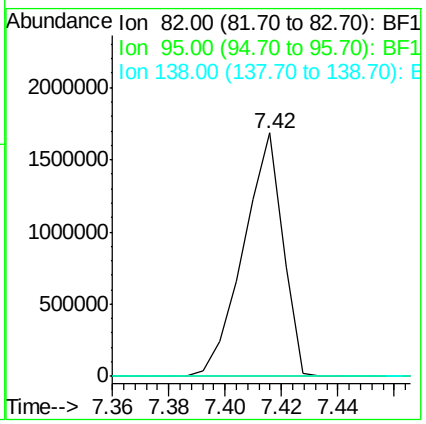


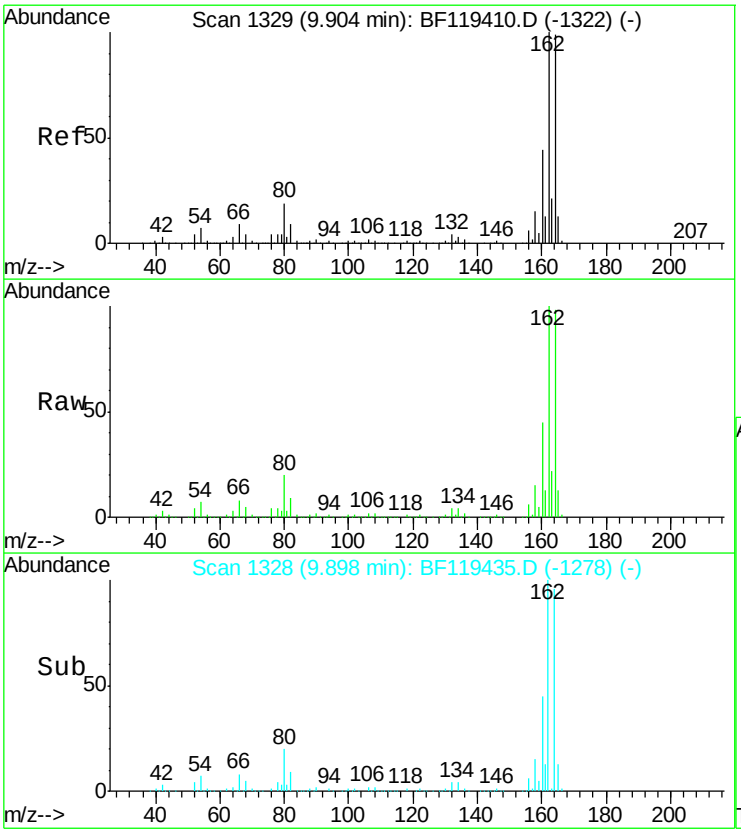
#25
Isophorone
Concen: 32.45 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion: 82 Resp: 1634155

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	13.8	20.8#

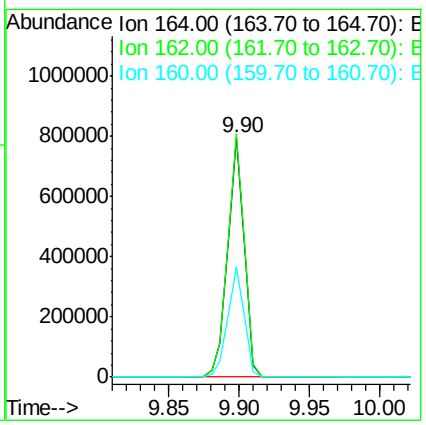


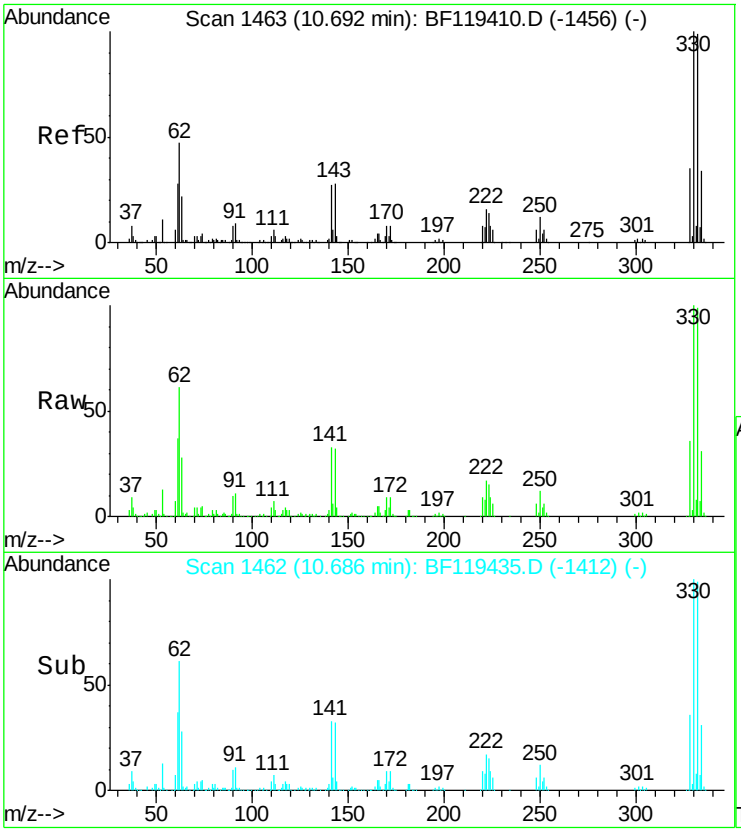


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:164 Resp: 649234

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	46.2	35.5	53.3



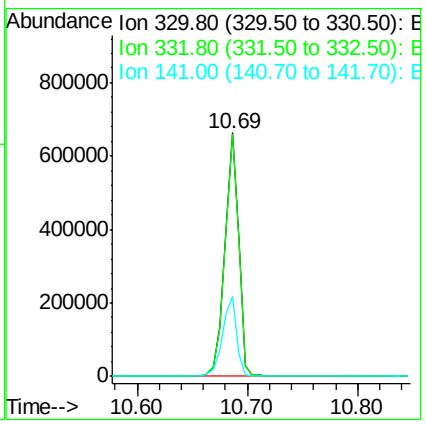


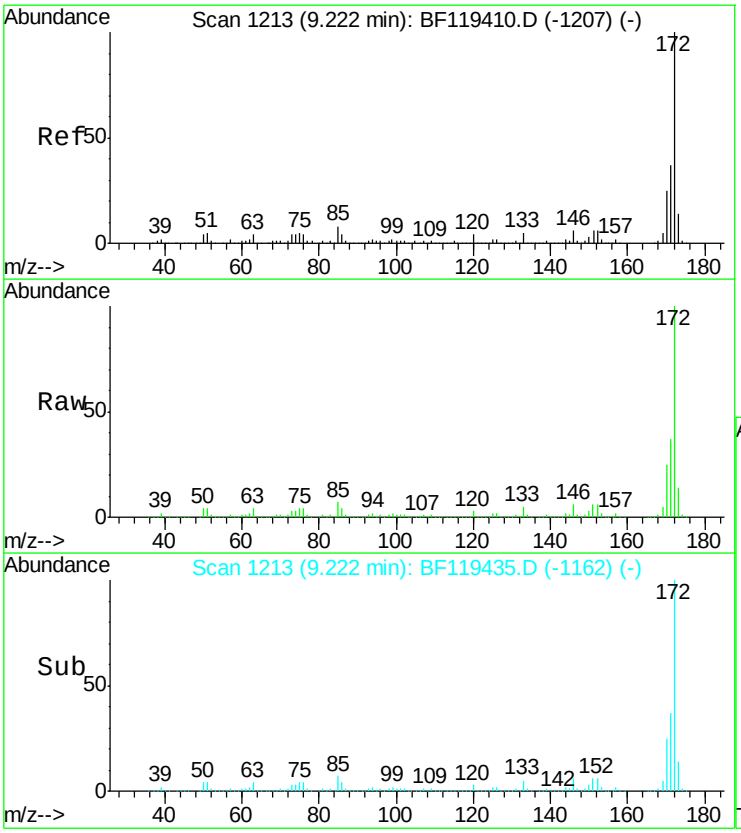
#42
2,4,6-Tribromophenol
Concen: 87.34 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:330 Resp: 584973

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.6	116.4
141	33.5	26.6	40.0

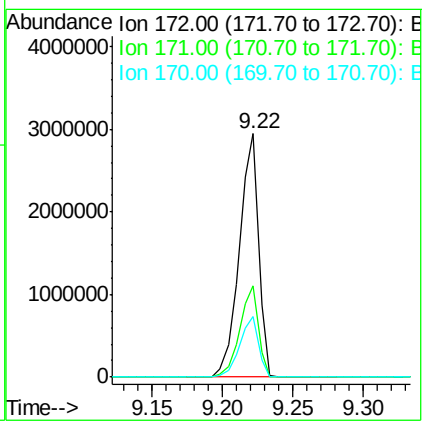


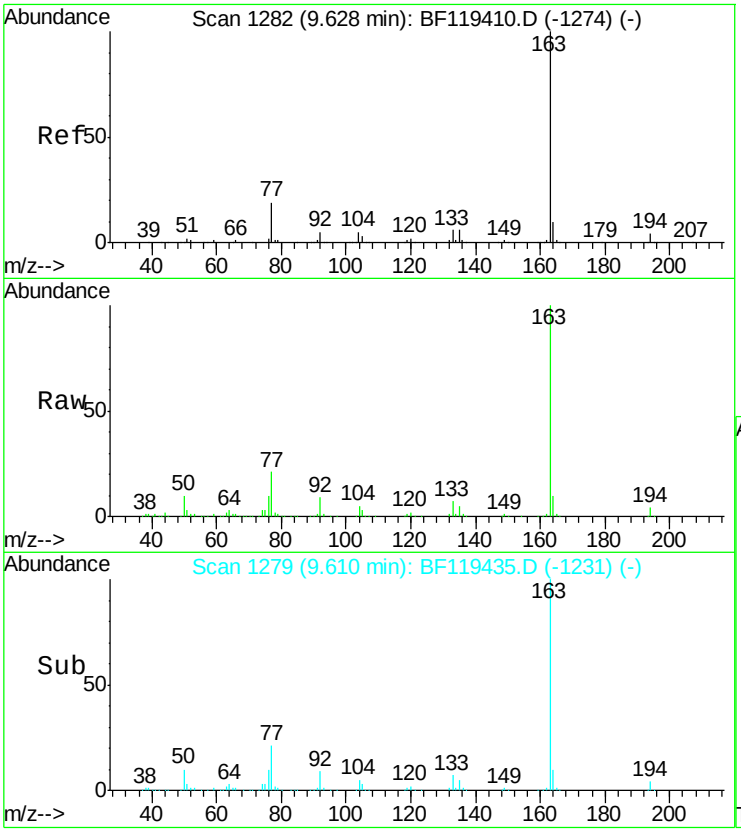


#45
2-Fluorobiphenyl
Concen: 63.60 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:172 Resp: 2787253

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.8	20.1	30.1



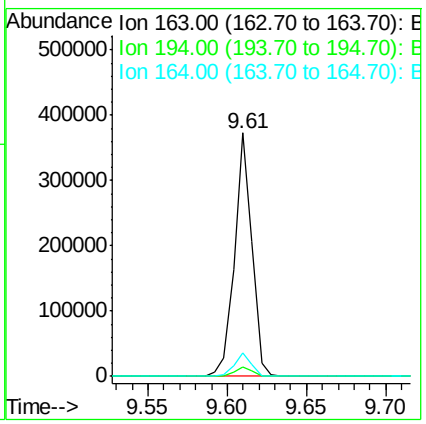


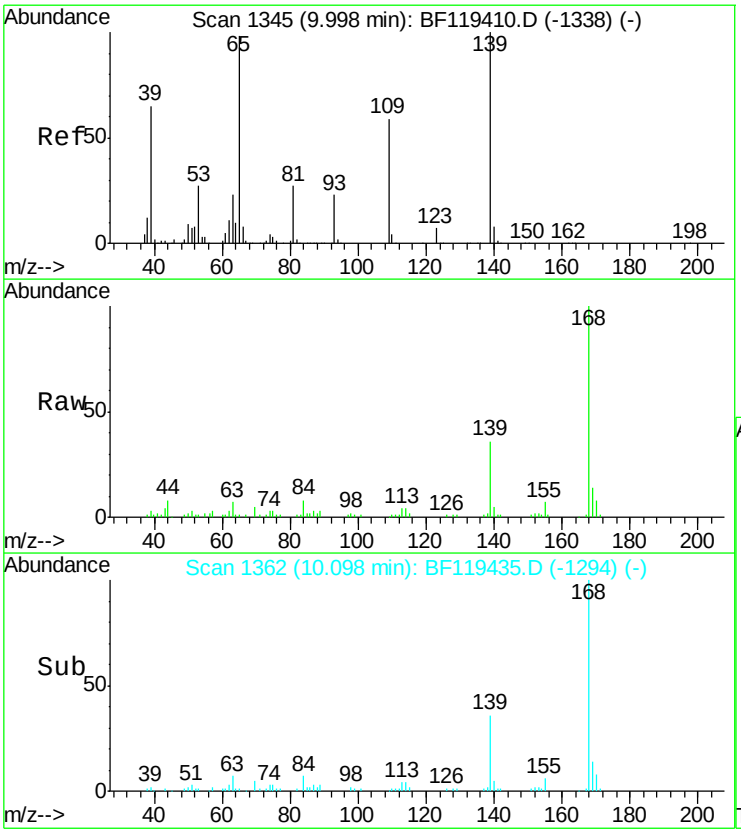
#50
Dimethylphthalate
Concen: 6.14 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:163 Resp: 283005

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.8	8.1	12.1

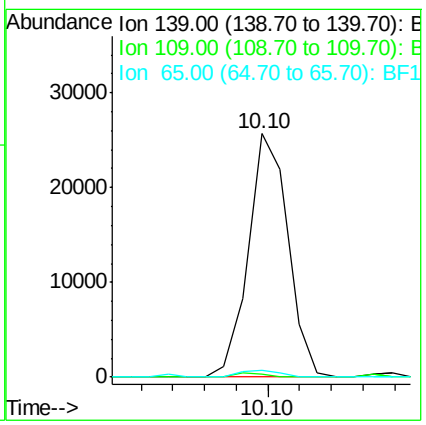


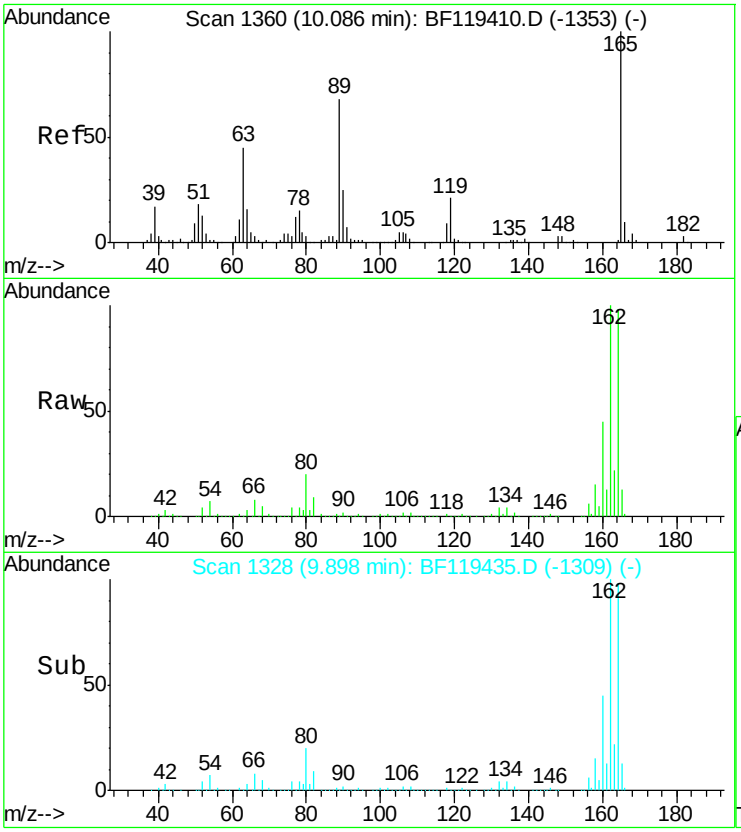


#56
4-Nitrophenol
Concen: 2.26 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:139 Resp: 22258

Ion	Ratio	Lower	Upper
139	100		
109	1.4	39.6	79.6#
65	2.8	78.3	118.3#



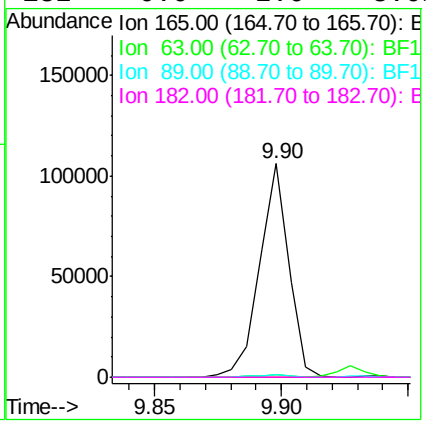


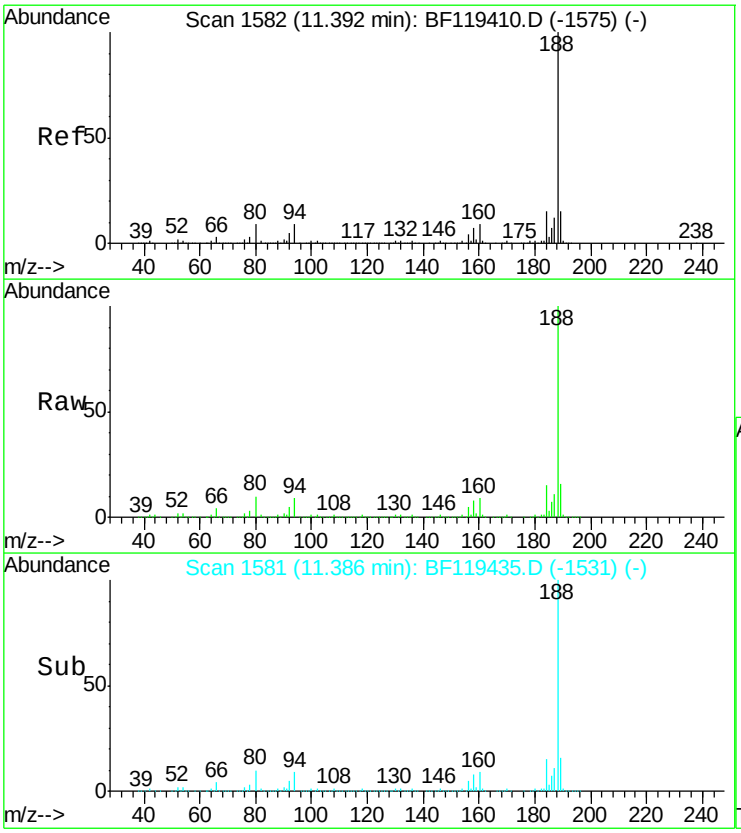
#57
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:165 Resp: 85629

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.0	54.3	81.5#
182	0.0	2.0	3.0#

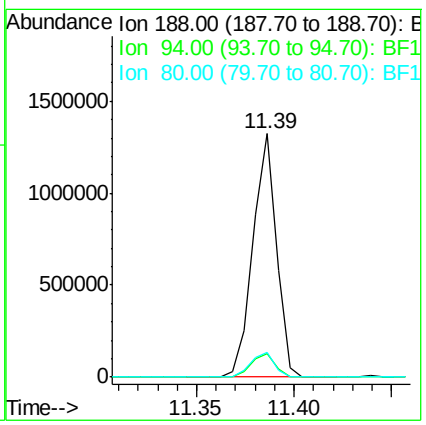


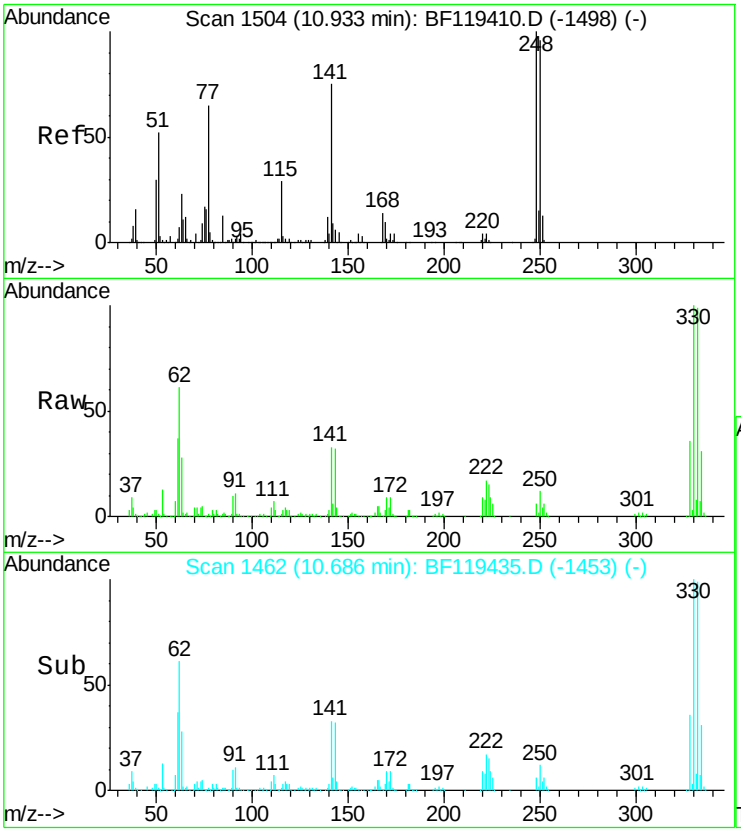


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:188 Resp: 1107340

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.1	7.5	11.3



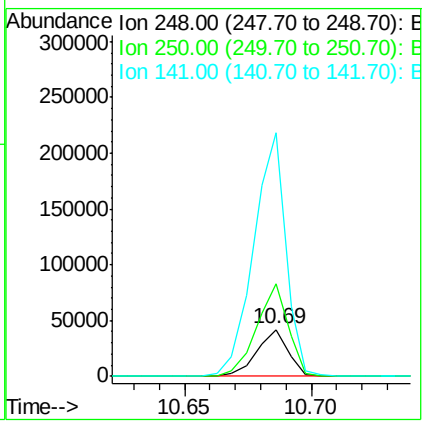


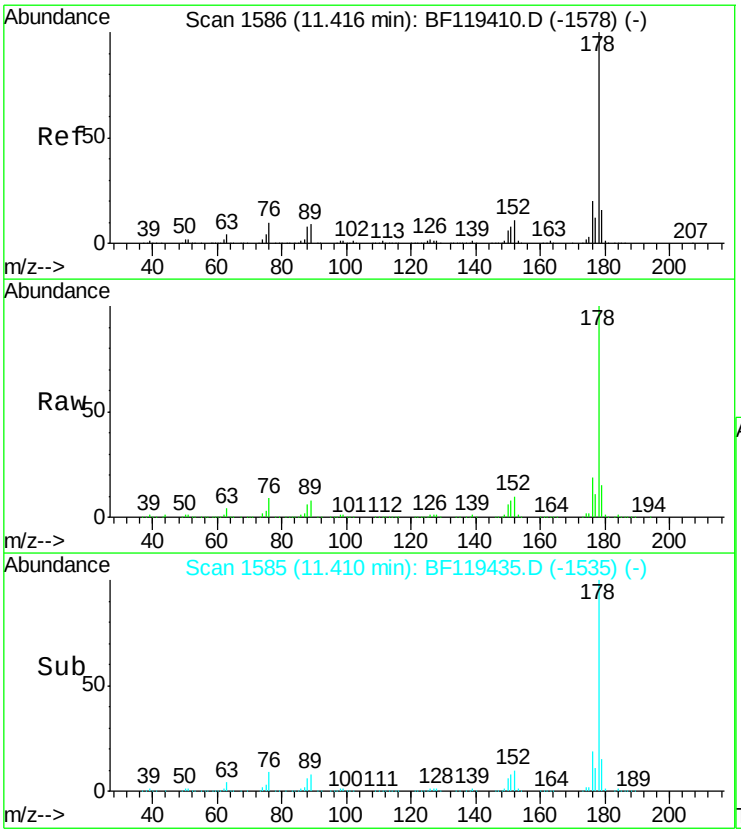
#67
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:248 Resp: 36143

Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.0	115.6#
141	521.4	59.7	89.5#

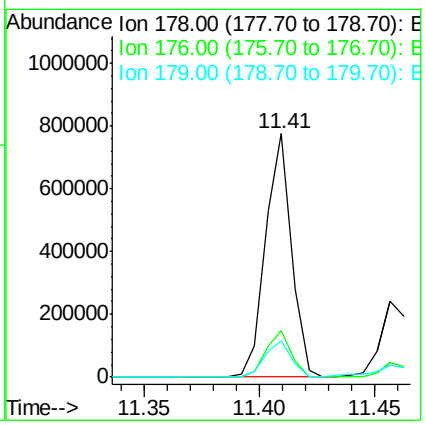


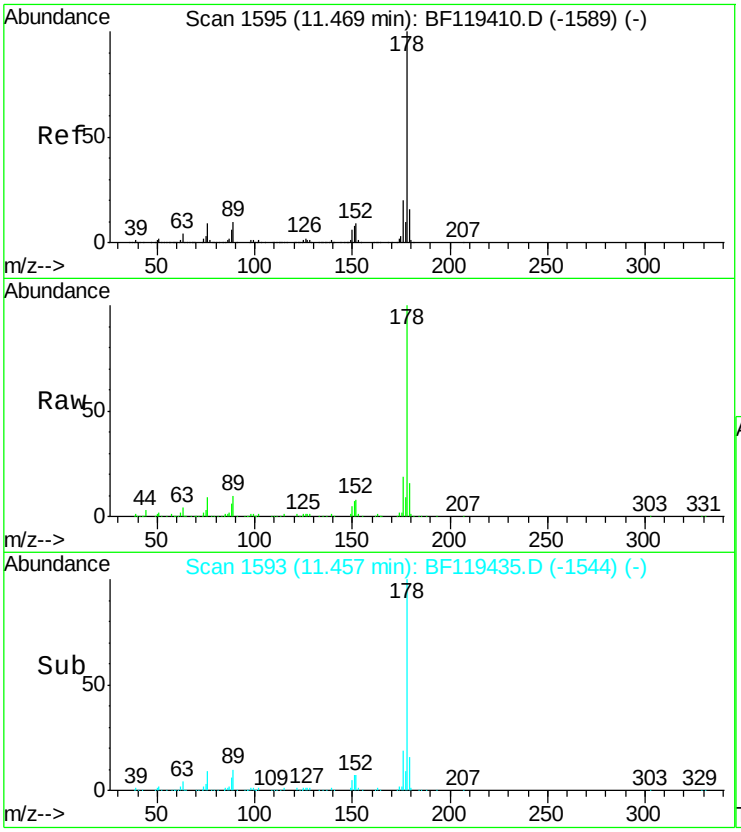


#71
Phenanthrene
Concen: 10.58 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:178 Resp: 607608

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.1	12.9	19.3



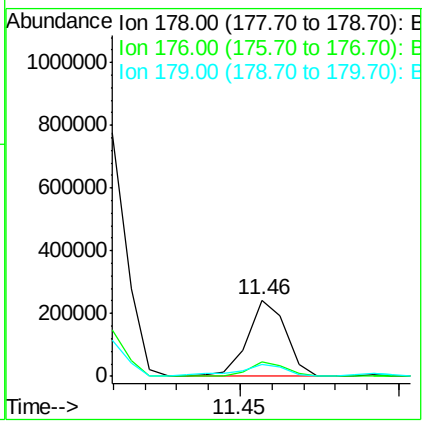


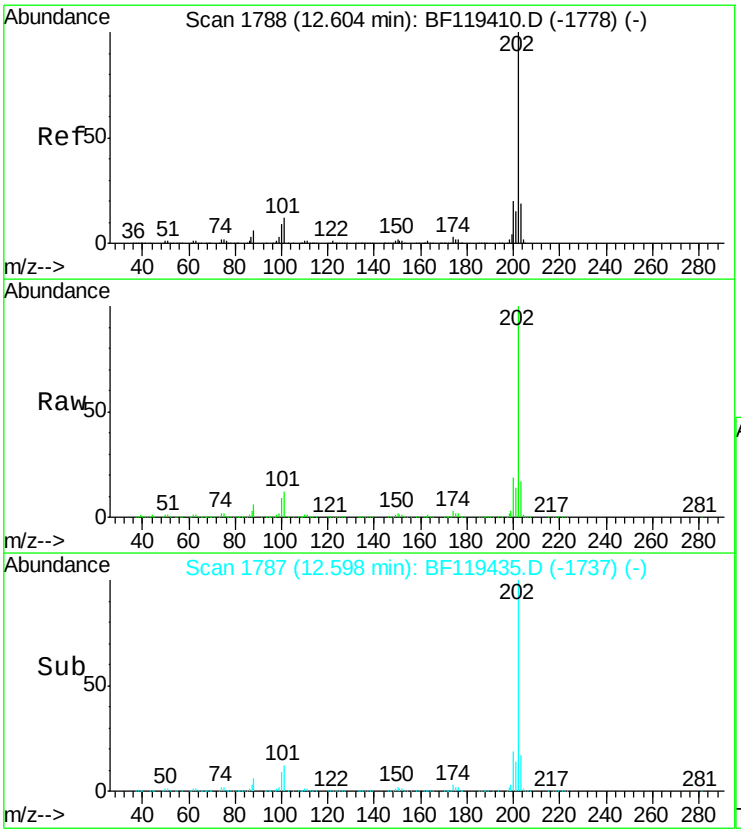
#72
Anthracene
Concen: 3.45 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:178 Resp: 201507

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.6	13.1	19.7

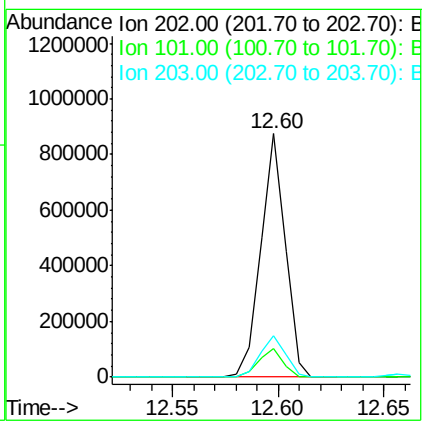


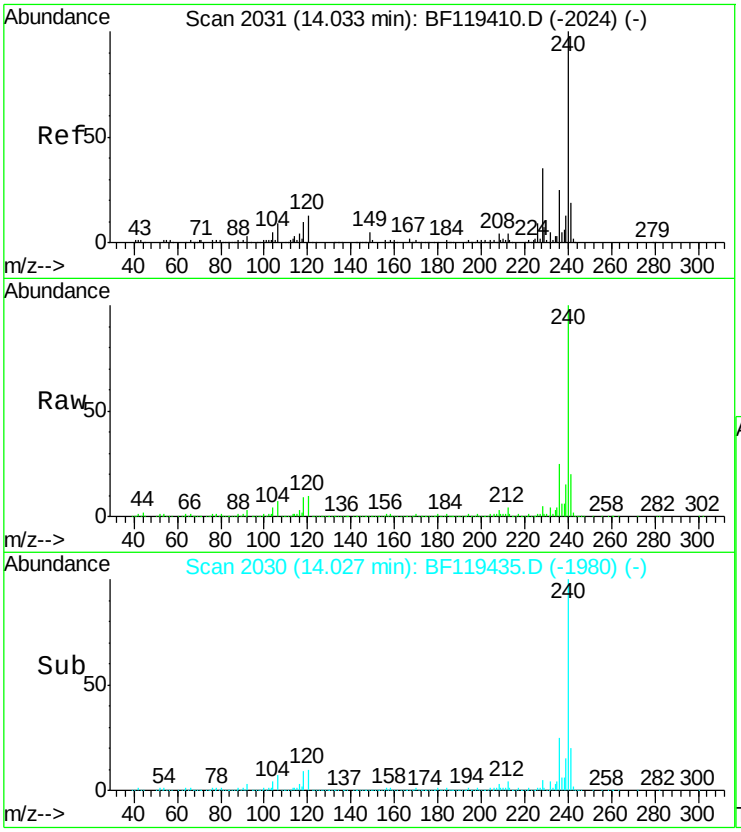


#75
Fluoranthene
Concen: 11.39 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:202 Resp: 707753

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.4
203	17.2	0.0	38.5



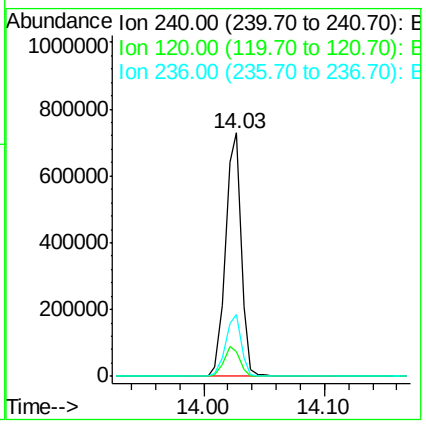


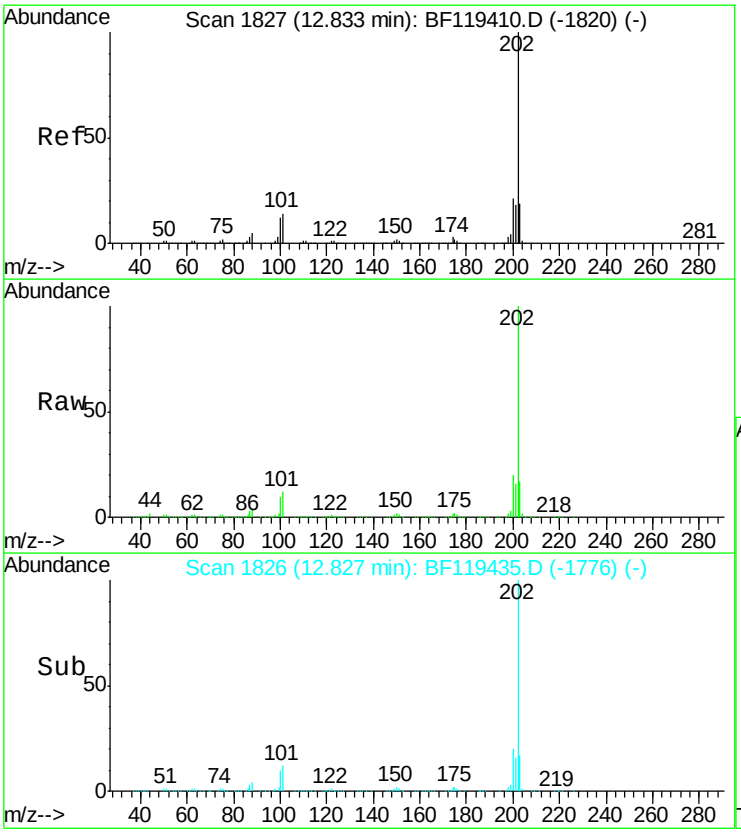
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:240 Resp: 655162

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.2	15.4
236	25.3	20.4	30.6

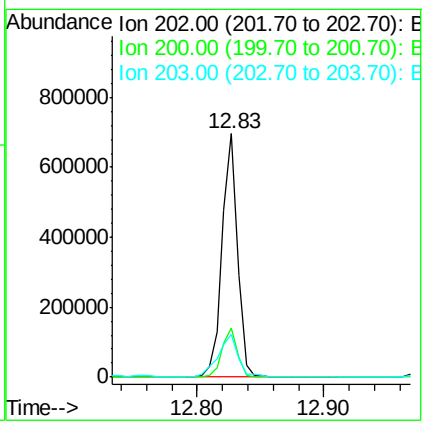


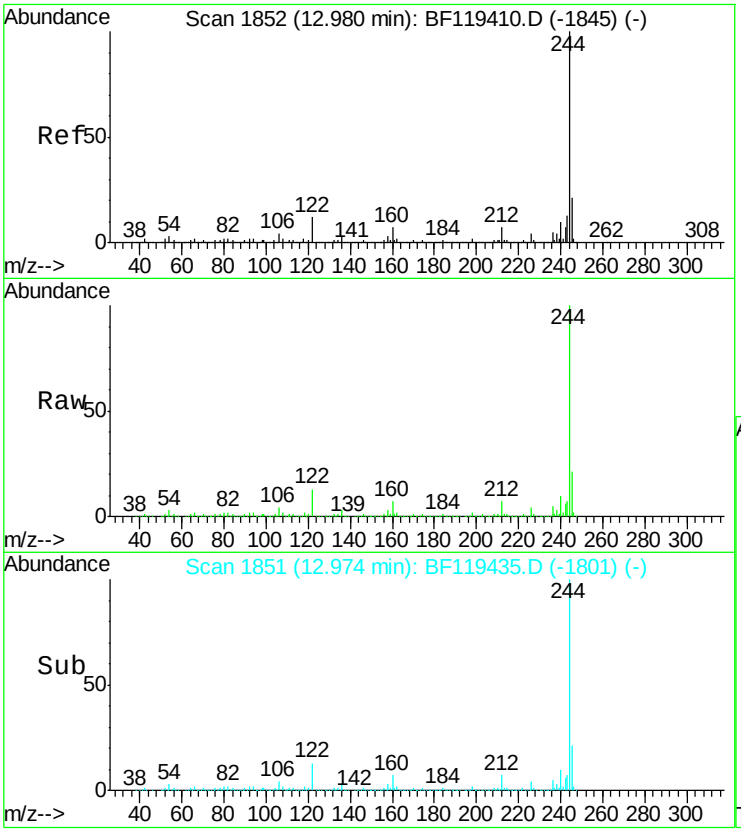


#78
Pyrene
Concen: 11.05 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:202 Resp: 594410

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.3	14.8	22.2



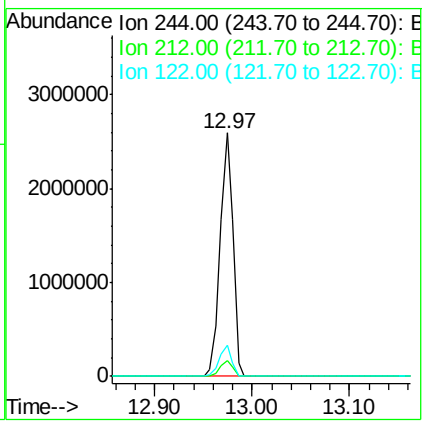


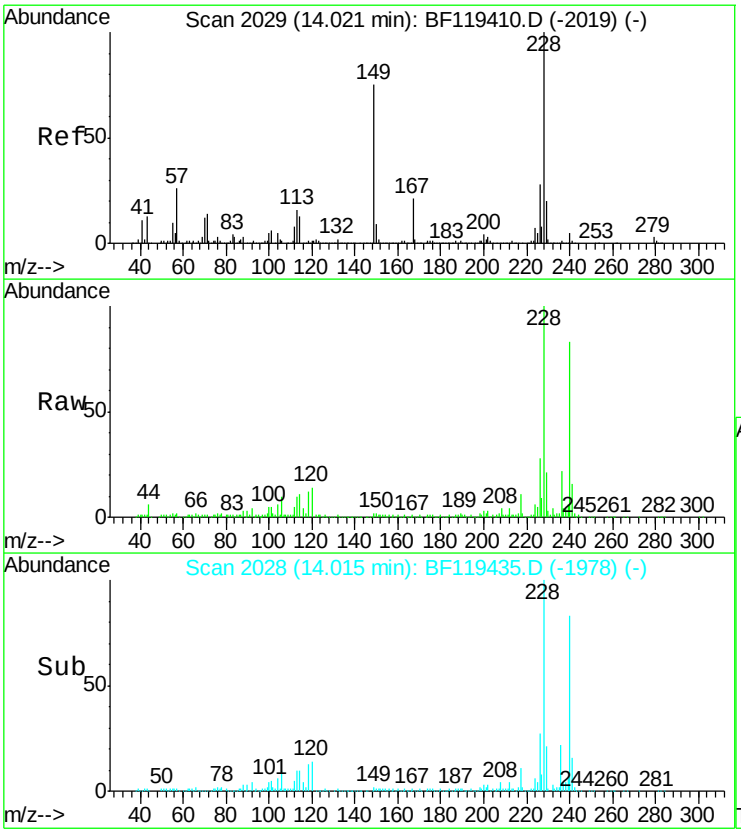
#79
Terphenyl-d14
Concen: 70.87 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:244 Resp: 2369802

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.5	9.8	14.8

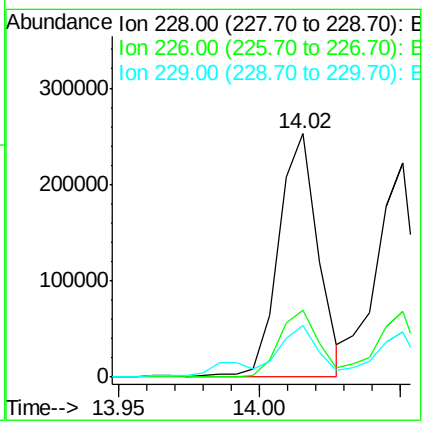


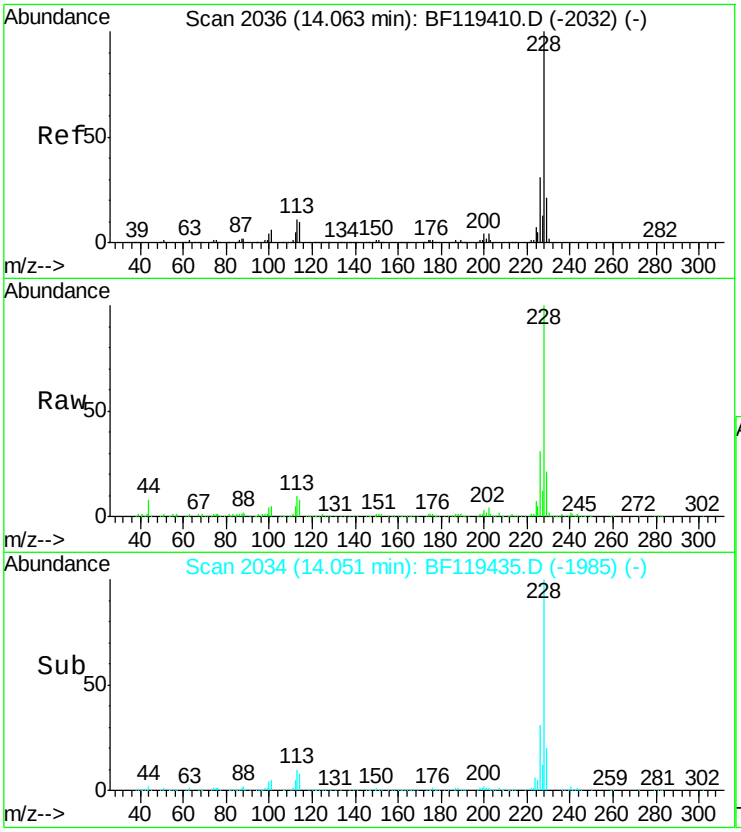


#81
Benzo(a)anthracene
Concen: 5.67 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:228 Resp: 241491

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	21.3	16.3	24.5



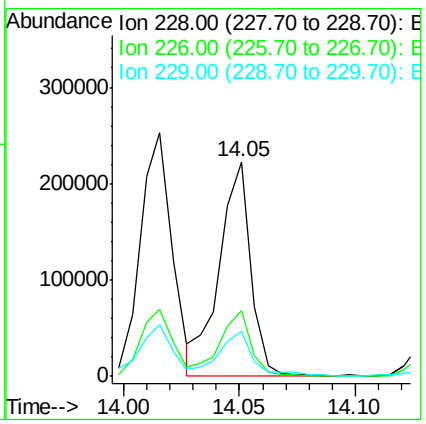


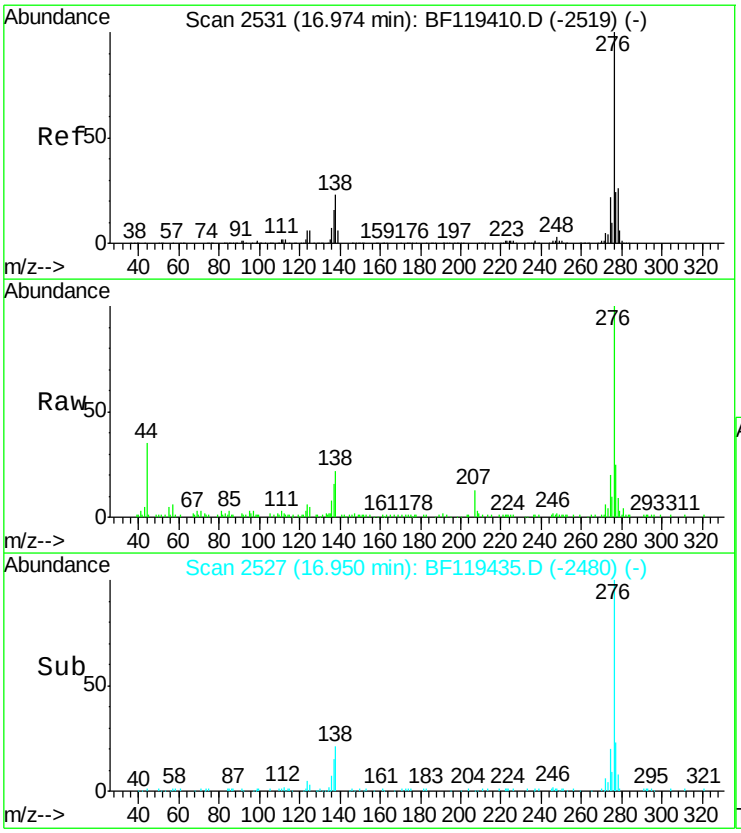
#83
Chrysene
Concen: 4.78 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:228 Resp: 210157

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	20.9	16.6	25.0

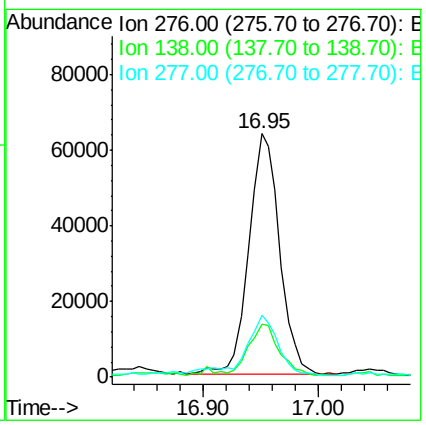


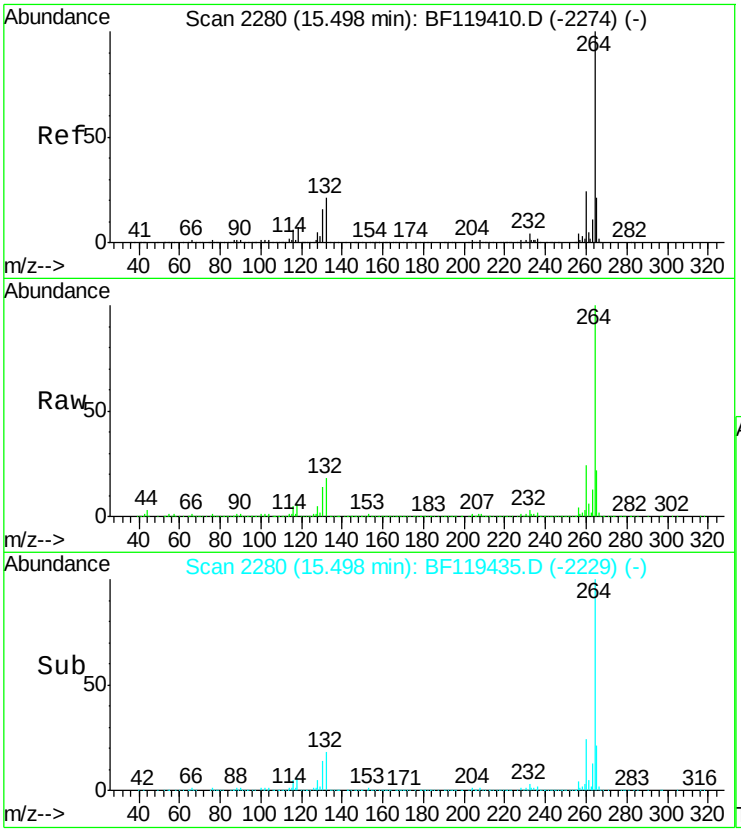


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.86 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:276 Resp: 118323

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.3	31.9
277	24.1	20.2	30.2



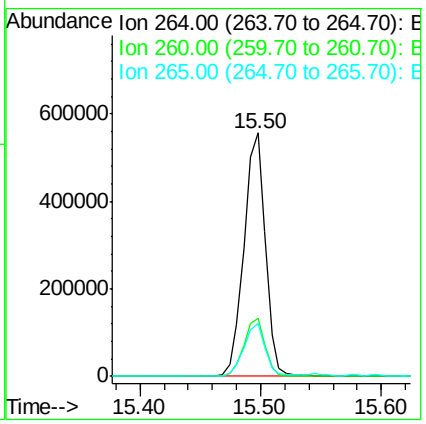


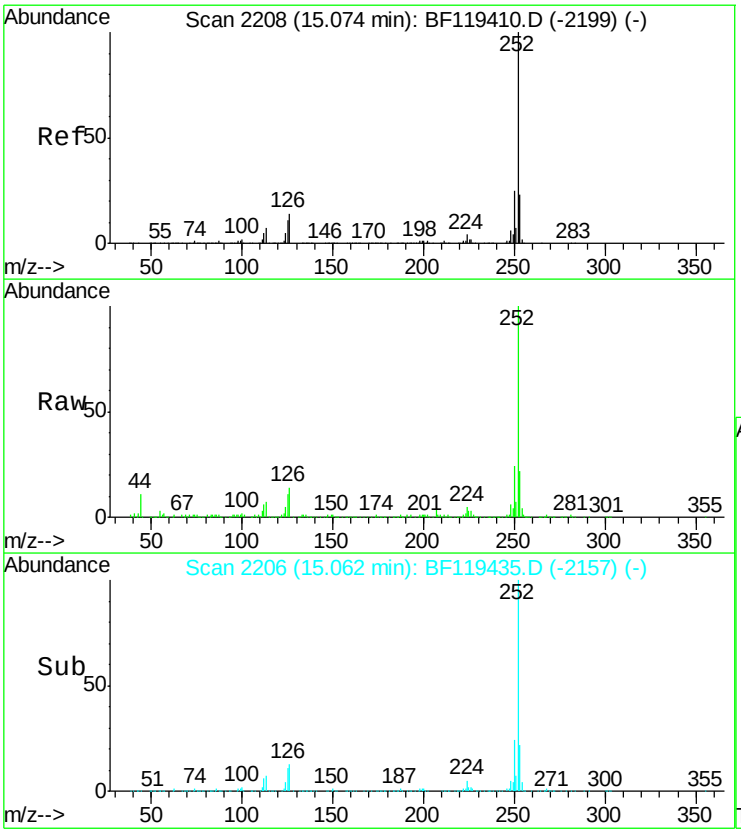
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:264 Resp: 696668

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3

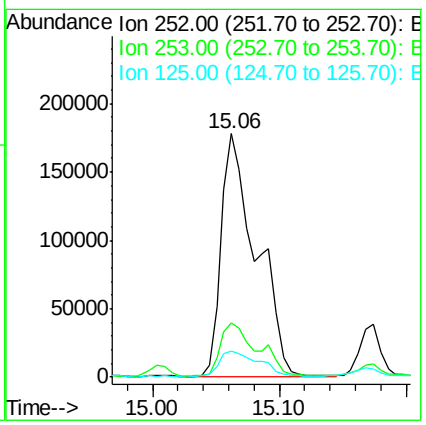


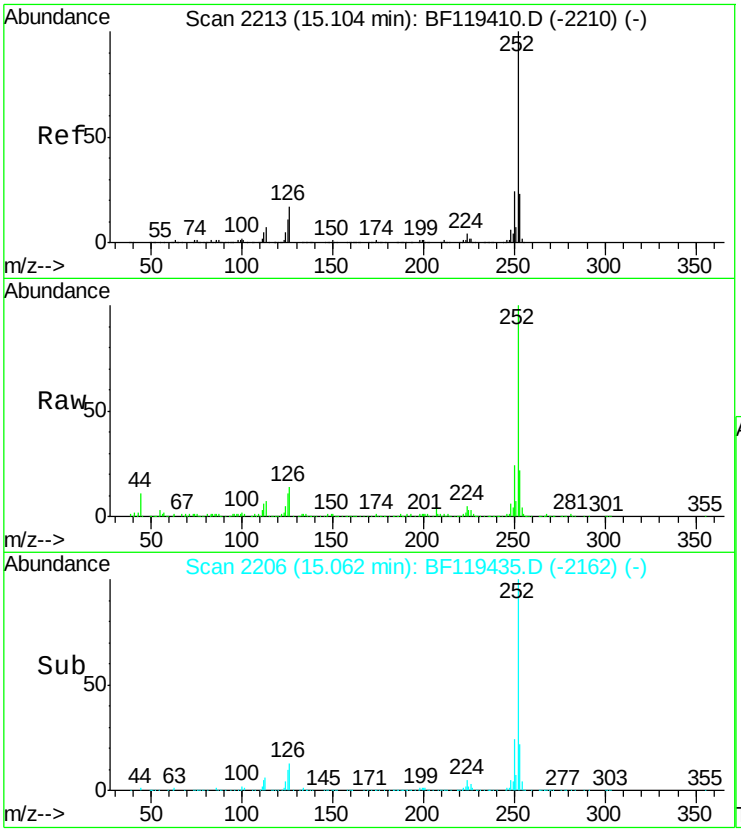


#88
Benzo(b)fluoranthene
Concen: 7.39 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:252 Resp: 344124

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.9	8.8	13.2



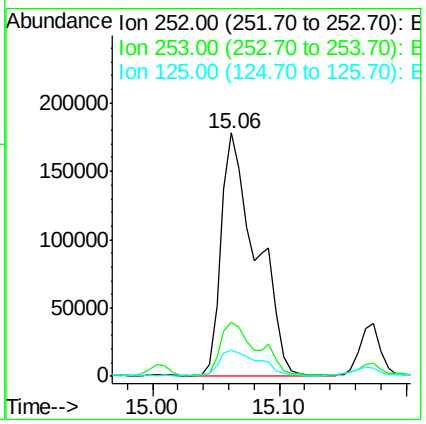


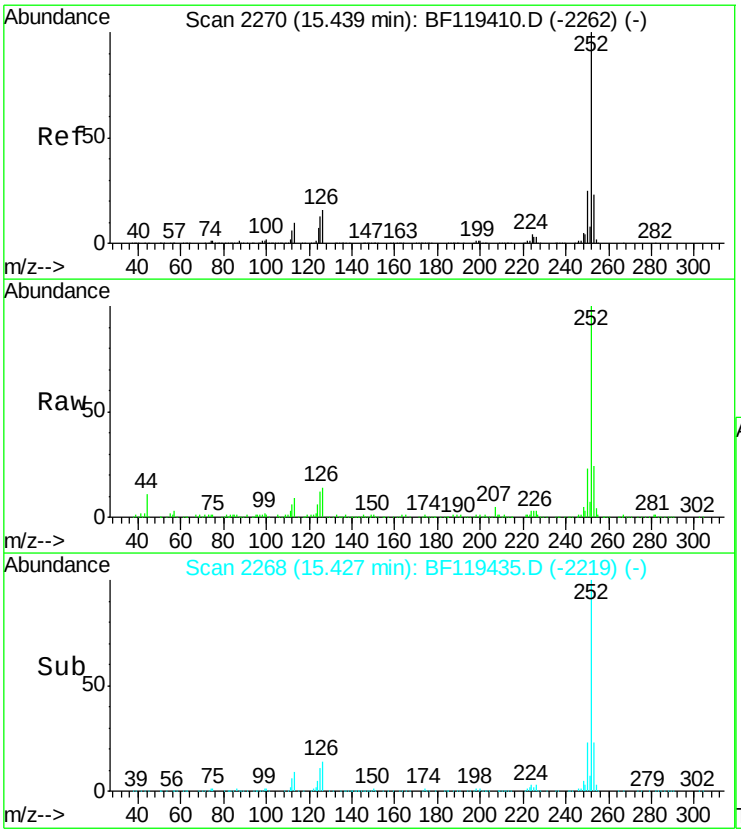
#89
Benzo(k)fluoranthene
Concen: 7.77 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:252 Resp: 344124

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.9	9.0	13.4

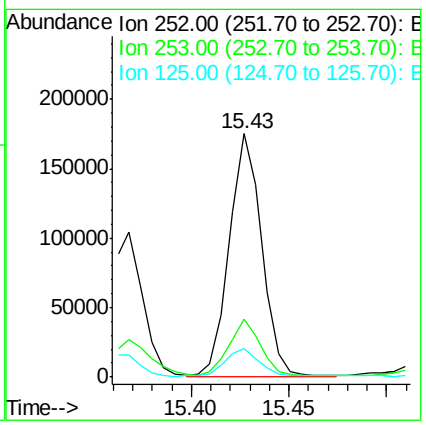


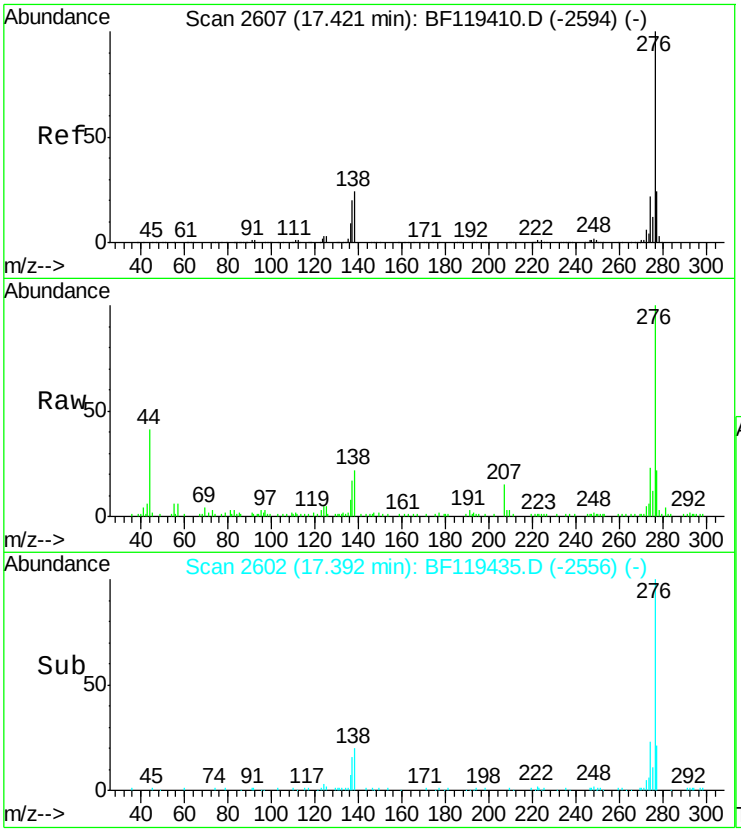


#90
Benzo(a)pyrene
Concen: 4.73 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Tgt Ion:252 Resp: 200187

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	11.7	10.2	15.2





#92
Benzo(g,h,i)perylene
Concen: 2.89 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.03 min
Lab File: BF119435.D
Acq: 19 Mar 2020 00:49

Instrument :
BNA_F
ClientSampleId :
TP-9A

Tgt Ion:276 Resp: 107449

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	21.5	19.1	28.7