Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116417.D
Acq On : 20 Aug 2019 5:38
Operator : HP/JU
Sample : K4384-03RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 20 08:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105264	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	422345	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	233359	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	411877	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	248453	20.00	ng		-0.02
87) Perylene-d12	15.42	264	291619	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	566942	90.16	ng		0.00
7) Phenol-d6	6.45	99	750269	94.57	ng		-0.01
23) Nitrobenzene-d5	7.37	82	492023	67.25	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	203058	89.75	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	861163	69.12	ng		-0.01
79) Terphenyl-d14	12.90	244	865083	73.37	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.46	94	34316	3.673	ng	#	81
19) n-Nitroso-di-n-propylamine	7.37	70	63620	12.941	ng	#	79
25) Isophorone	7.37	82	492023	35.168	ng	#	65
50) Dimethylphthalate	9.55	163	111670	7.028	ng		99
56) 4-Nitrophenol	10.05	139	7473	2.734	ng	#	5
57) 2,4-Dinitrotoluene	9.83	165	29831	6.489	ng	#	20
67) 4-Bromophenyl-phenylether	10.63	248	12780	2.899	ng	#	1
71) Phenanthrene	11.35	178	458562	21.778	ng		99
72) Anthracene	11.40	178	98894	4.641	ng		97
75) Fluoranthene	12.54	202	799228	36.257	ng		99
78) Pyrene	12.77	202	696250	37.175	ng		100
81) Benzo(a)anthracene	13.96	228	377495	23.771	ng		99
83) Chrysene	13.99	228	338020	21.925	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	151088	11.668	ng		94
88) Benzo(b)fluoranthene	15.00	252	583799	34.623	ng		98
89) Benzo(k)fluoranthene	15.00	252	583799	35.546	ng	#	98
90) Benzo(a)pyrene	15.36	252	323916	21.490	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	35364	2.710	ng		96
92) Benzo(g,h,i)perylene	17.33	276	118886	9.278	ng		95

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

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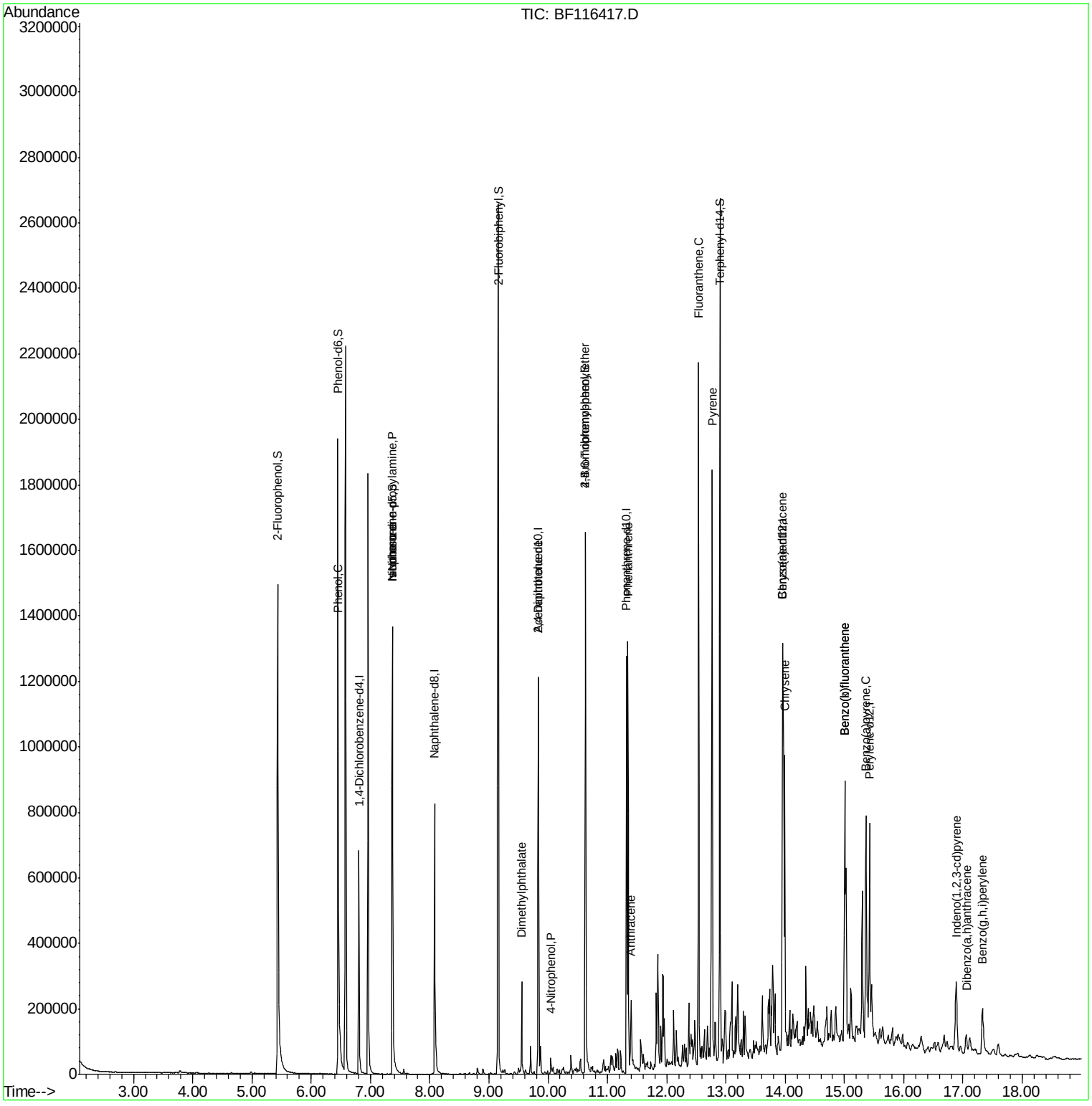
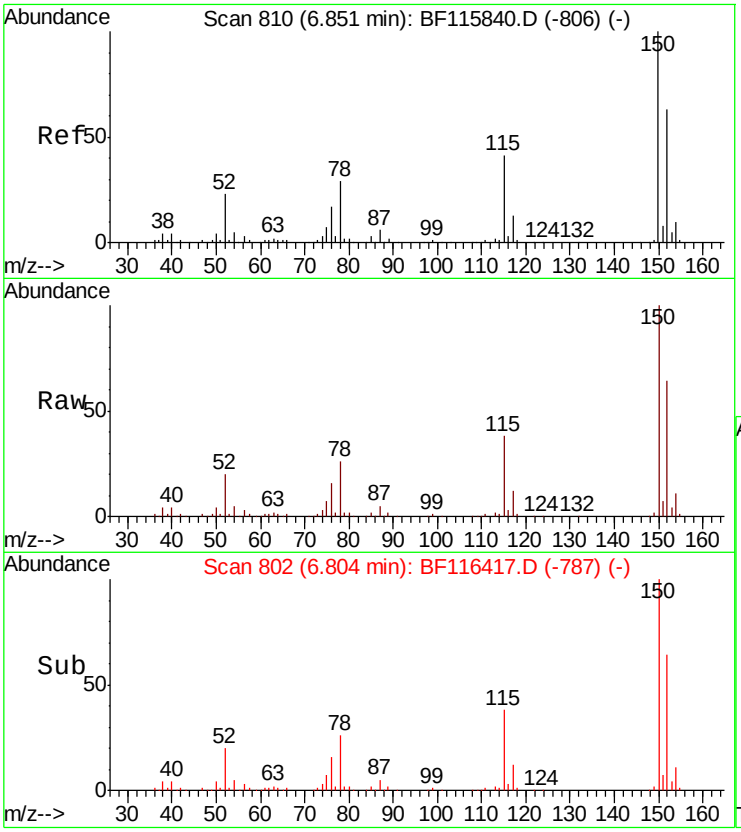


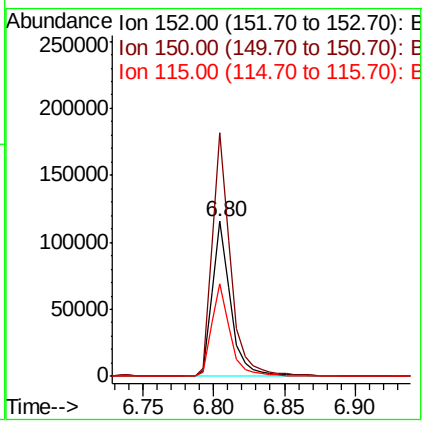


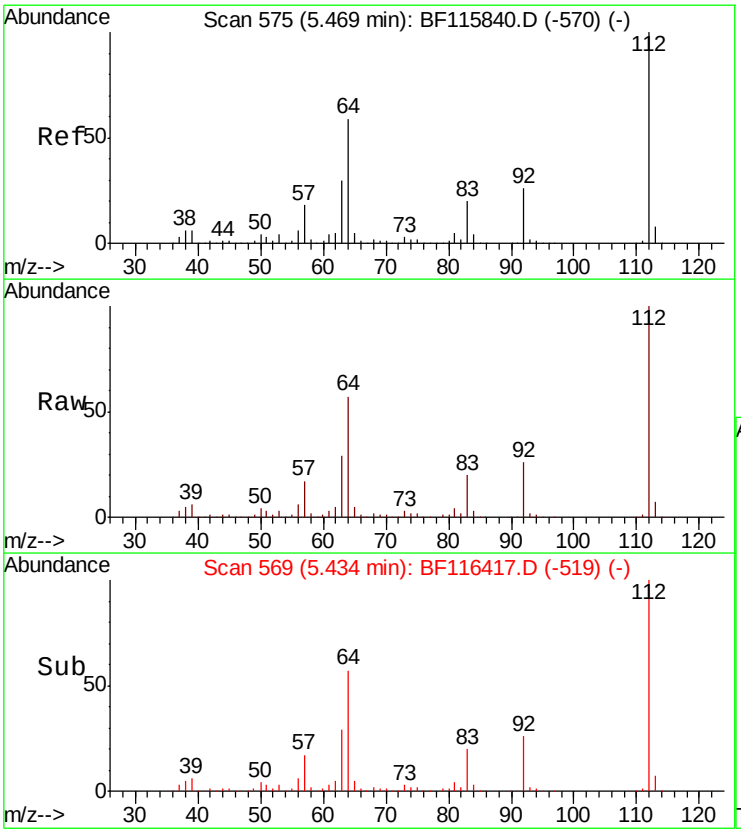
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105264

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	60.0	49.9	74.9

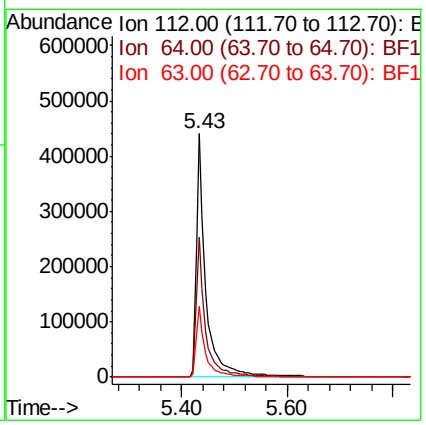


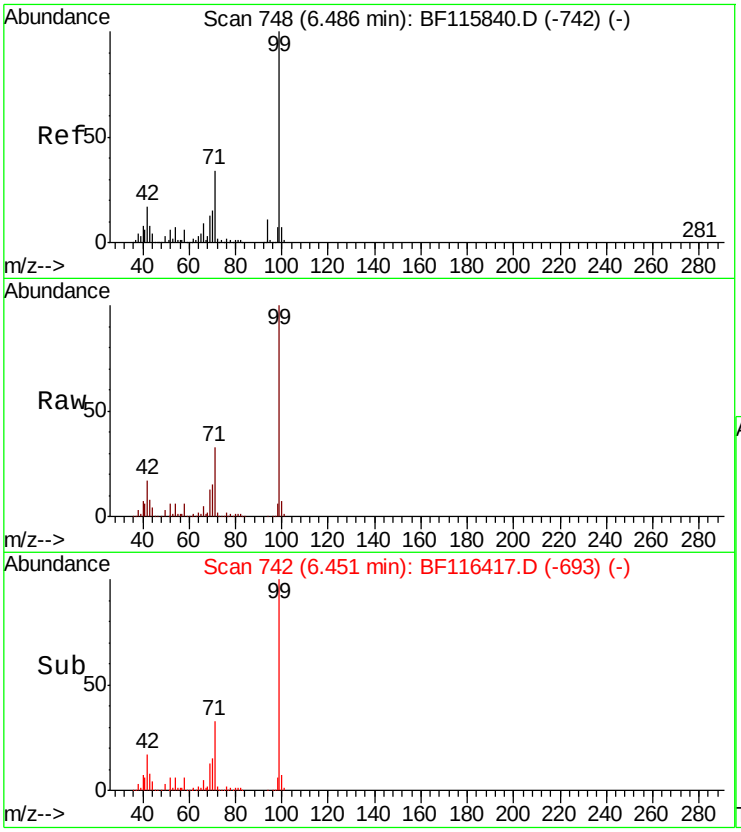


#5
2-Fluorophenol
Concen: 90.163 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:112 Resp: 566942

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.4	68.2
63	29.3	23.7	35.5



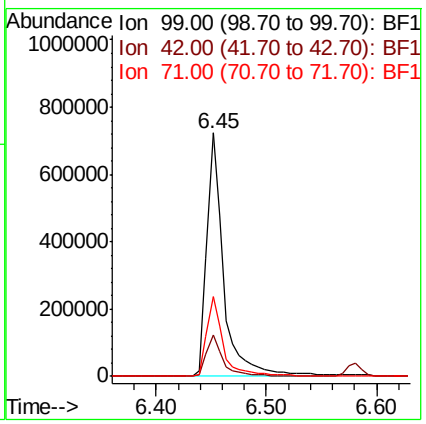


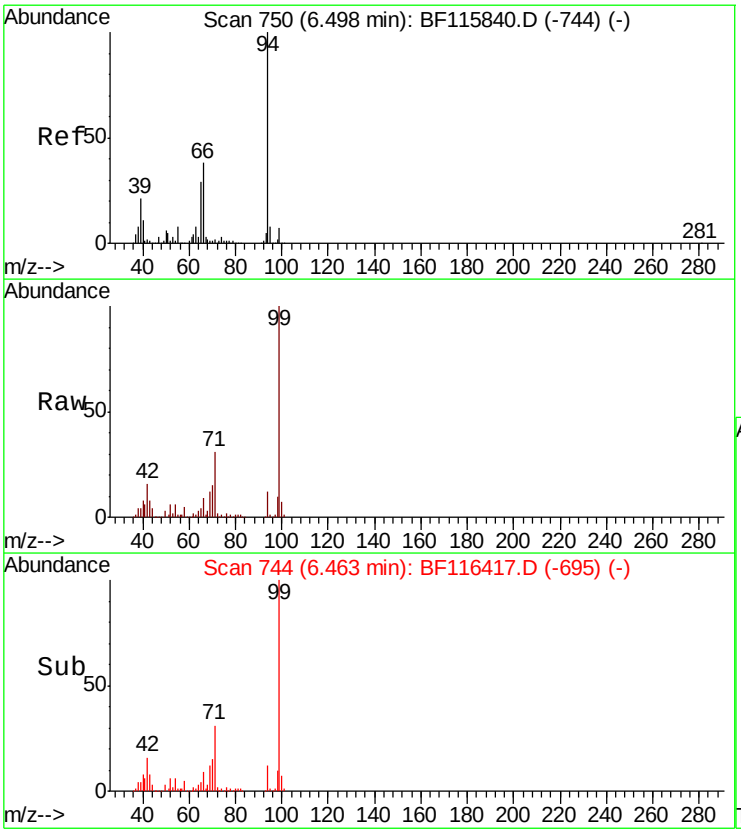
#7
Phenol-d6
Concen: 94.572 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 750269

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	32.9	27.3	40.9

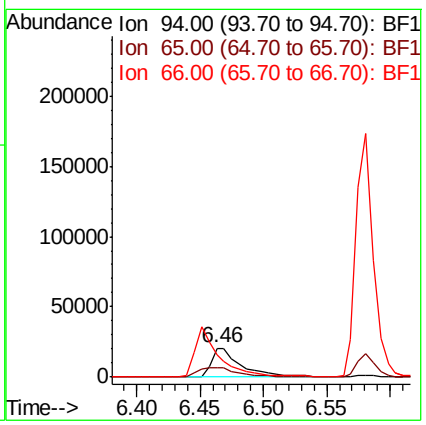


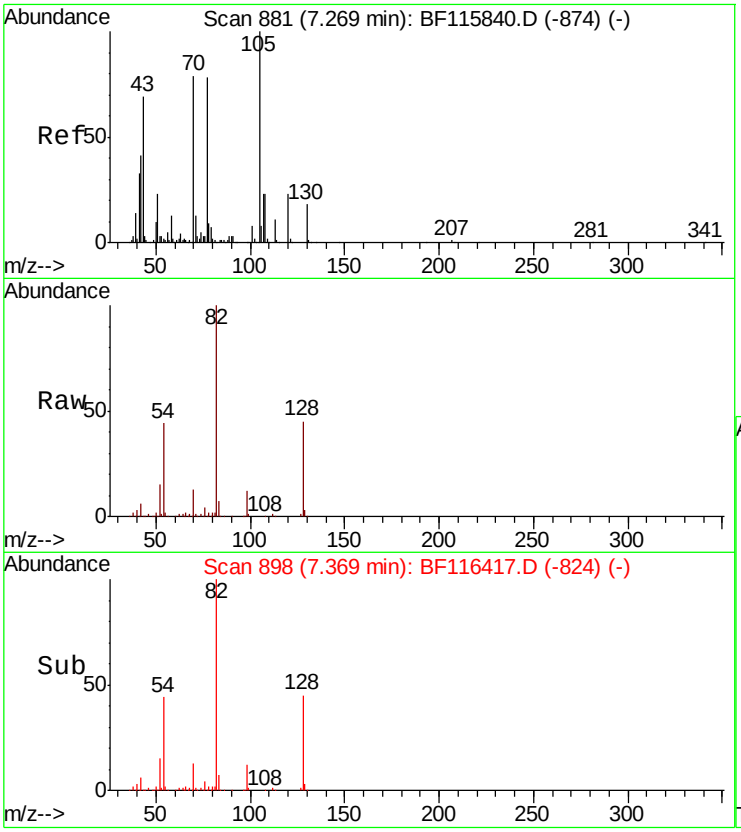


#10
Phenol
Concen: 3.673 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion: 94 Resp: 34316

Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.8	56.8
66	75.0	34.2	74.2#



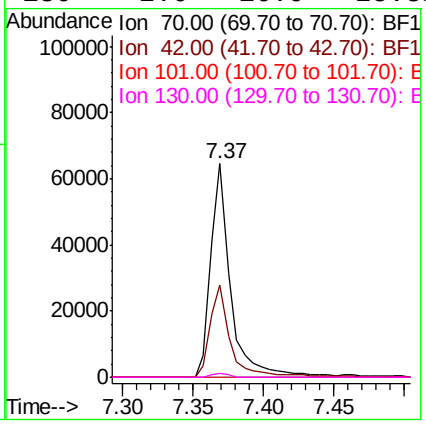


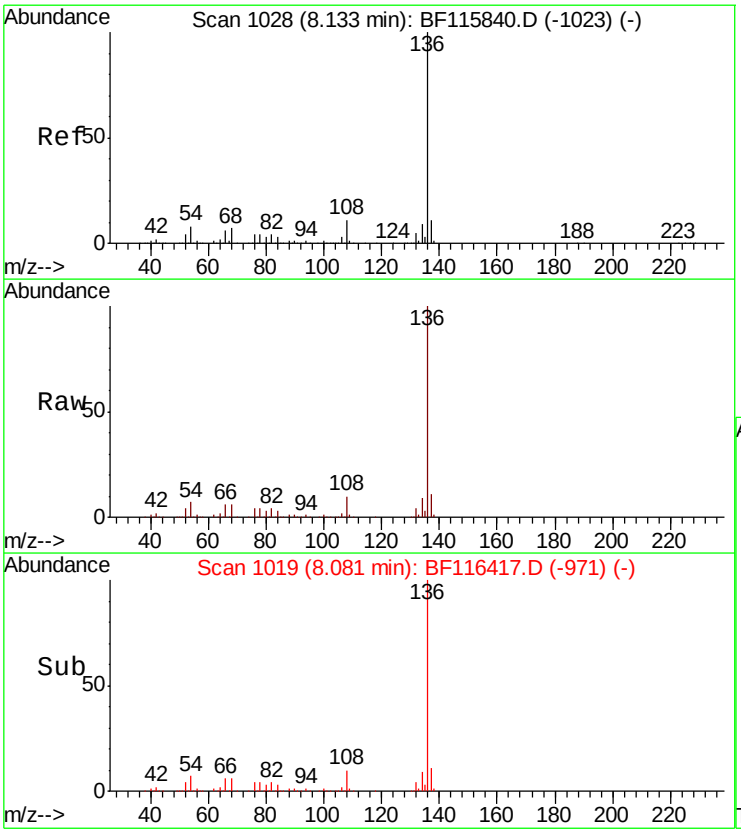
#19
n-Nitroso-di-n-propylamine
Concen: 12.941 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 63620

Ion	Ratio	Lower	Upper
70	100		
42	42.9	40.9	61.3
101	0.0	7.9	11.9#
130	2.0	16.9	25.3#

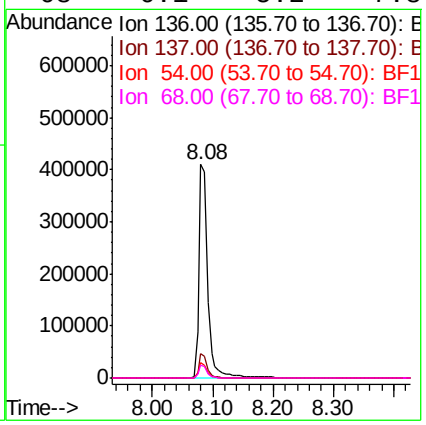


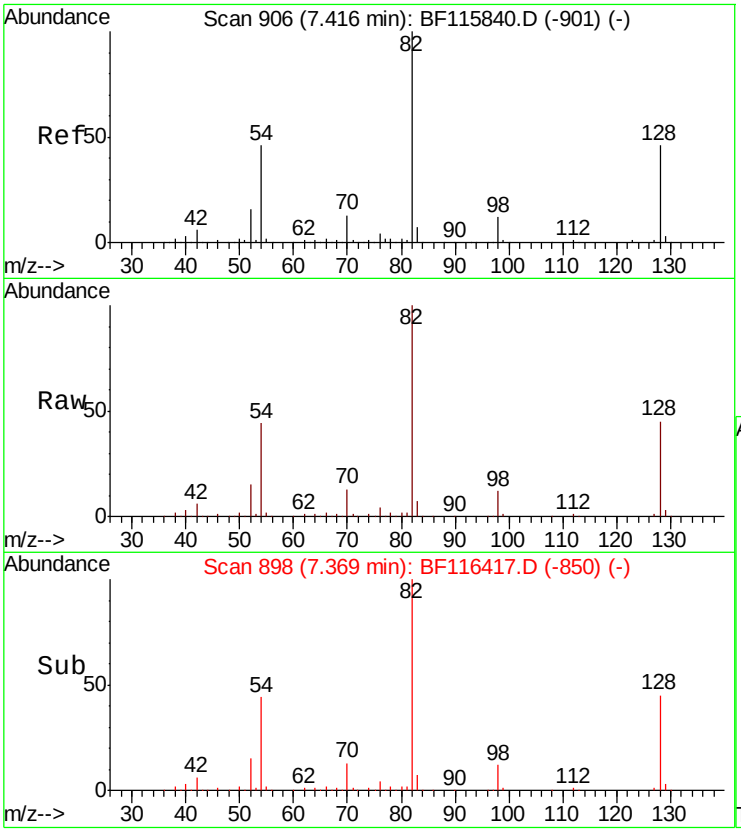


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:136 Resp: 422345

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.6
68	6.1	5.2	7.8



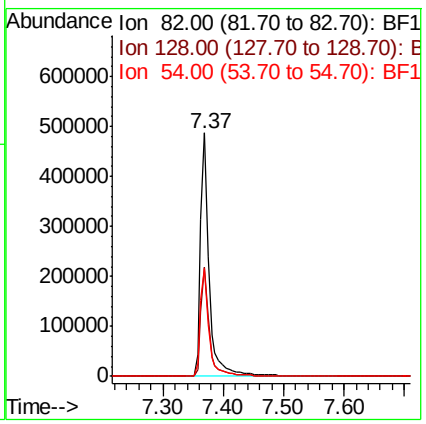


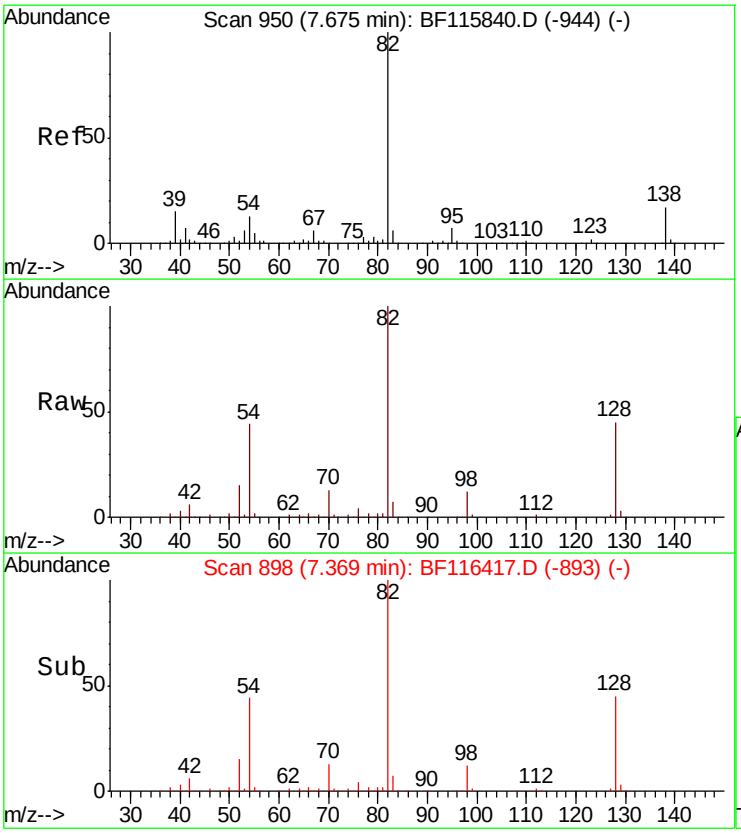
#23
Nitrobenzene-d5
Concen: 67.246 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 492023

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	44.4	36.0	54.0

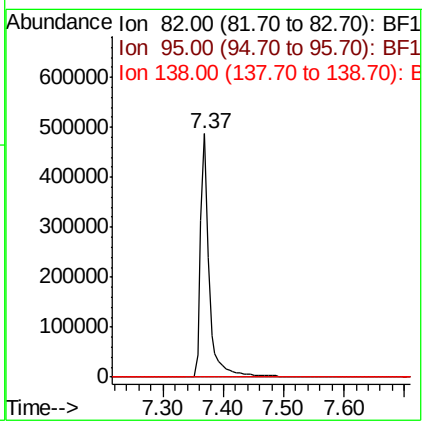


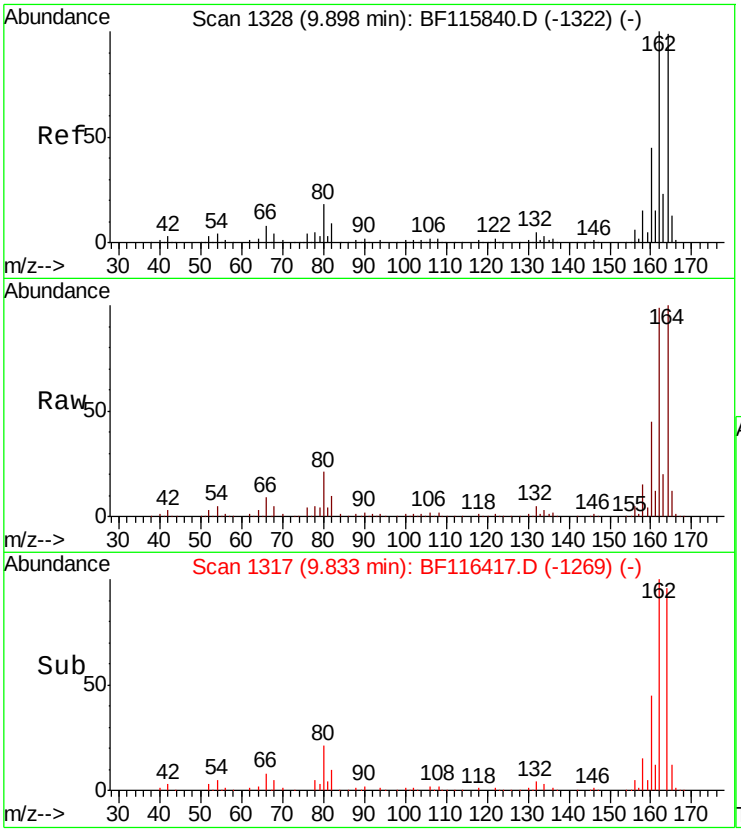


#25
Isophorone
Concen: 35.168 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion: 82 Resp: 492023

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



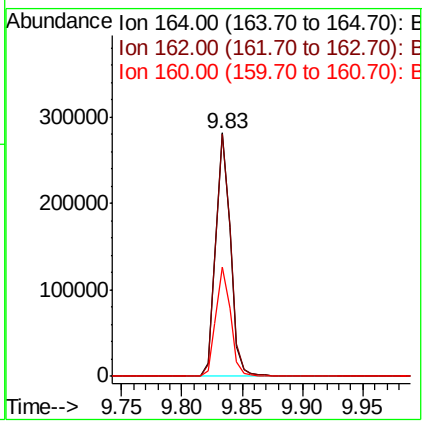


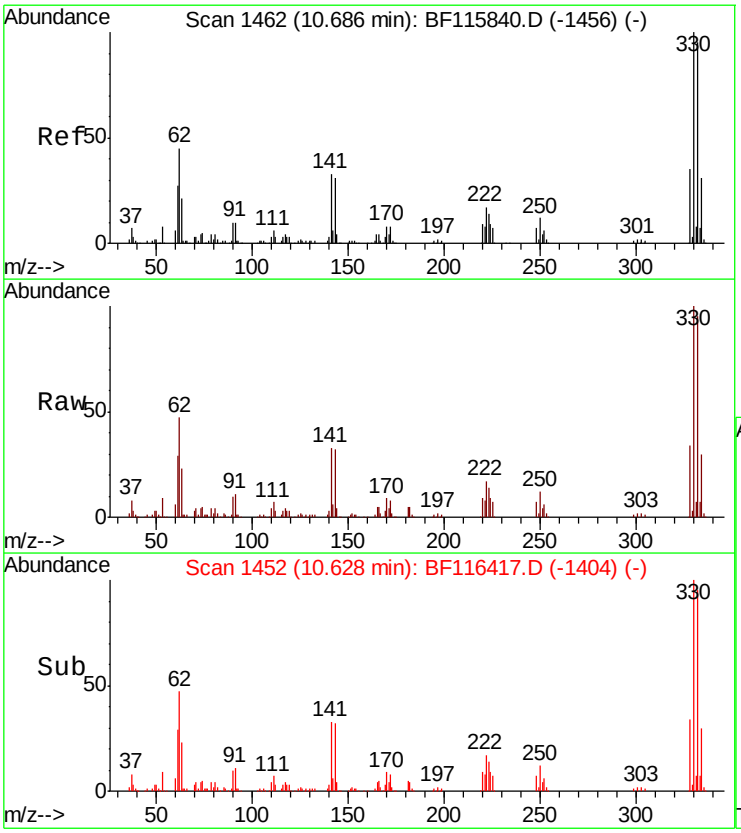
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 233359

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	124.0
160	44.7	37.6	56.4

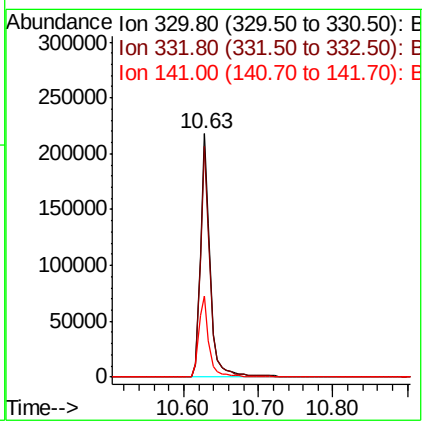


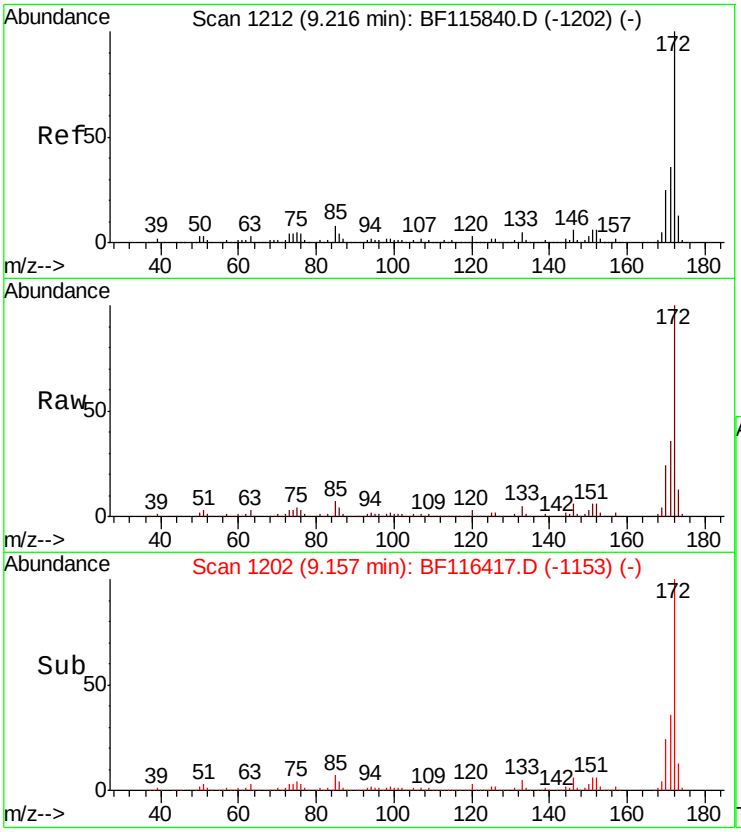


#42
2,4,6-Tribromophenol
Concen: 89.750 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:330 Resp: 203058

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	34.8	26.3	39.5



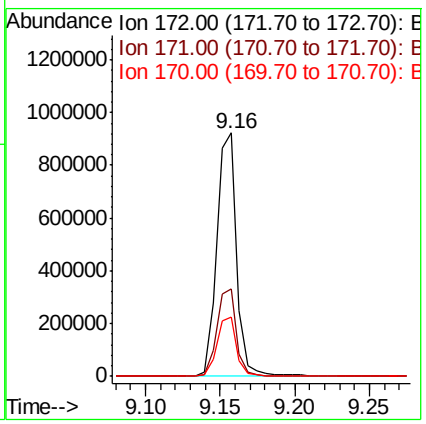


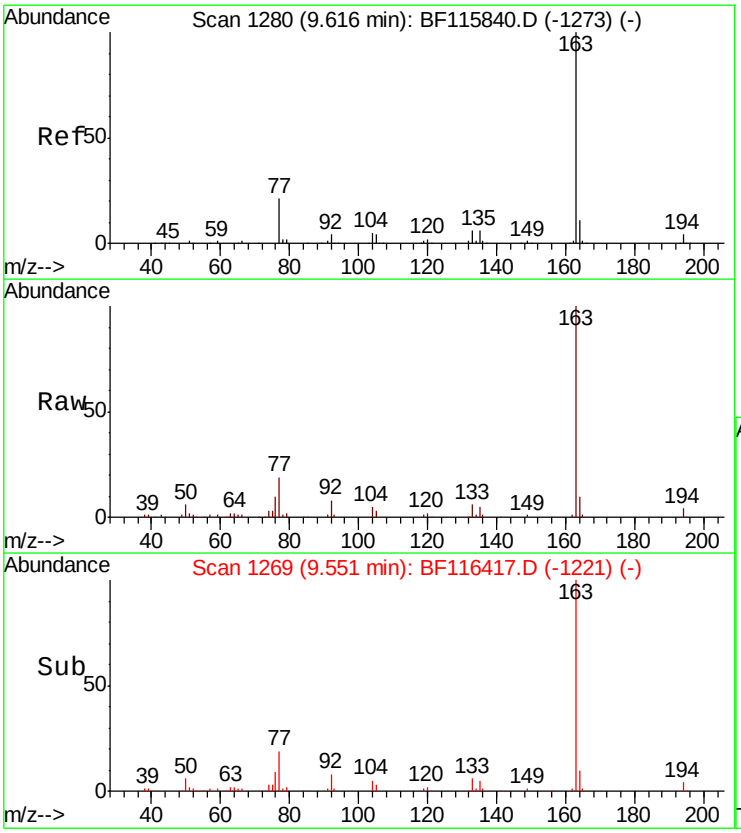
#45
2-Fluorobiphenyl
Concen: 69.122 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 861163

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	20.1	30.1

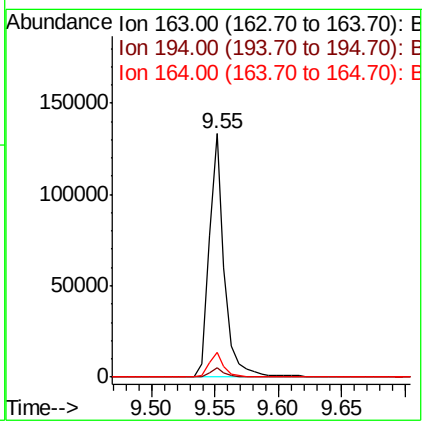


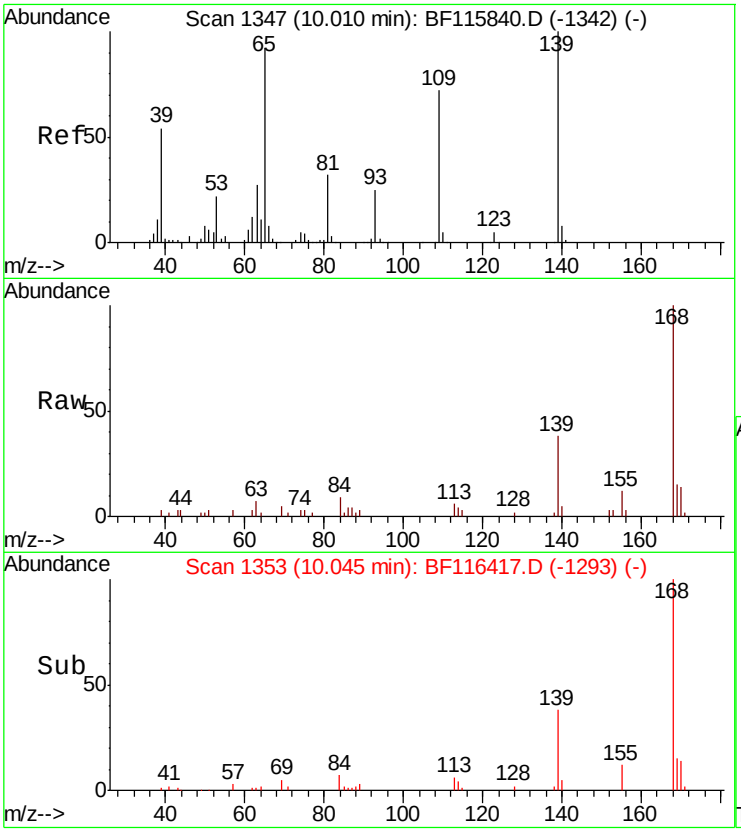


#50
Dimethylphthalate
Concen: 7.028 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:163 Resp: 111670

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.4	12.6



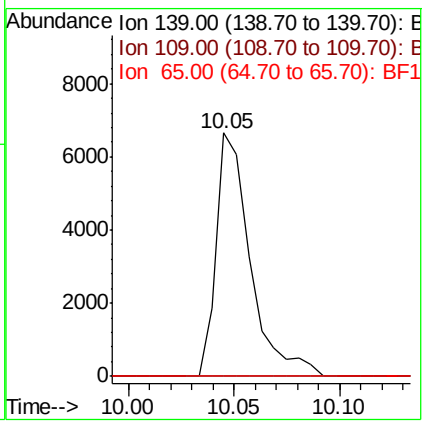


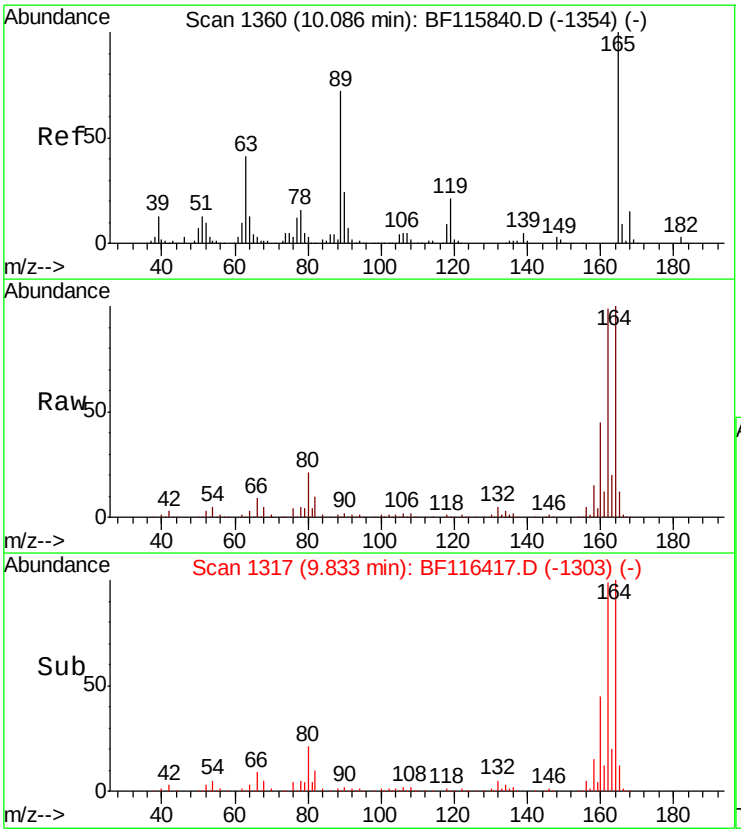
#56
4-Nitrophenol
Concen: 2.734 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.05 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 7473

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.4	94.4#
65	0.0	80.6	120.6#

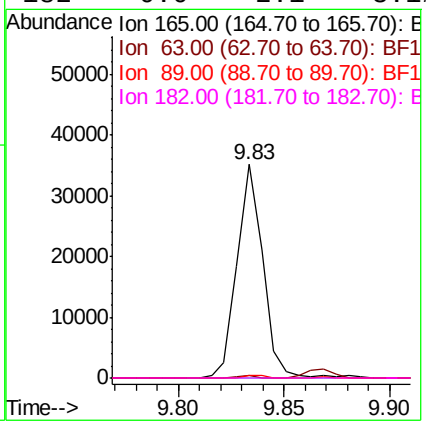


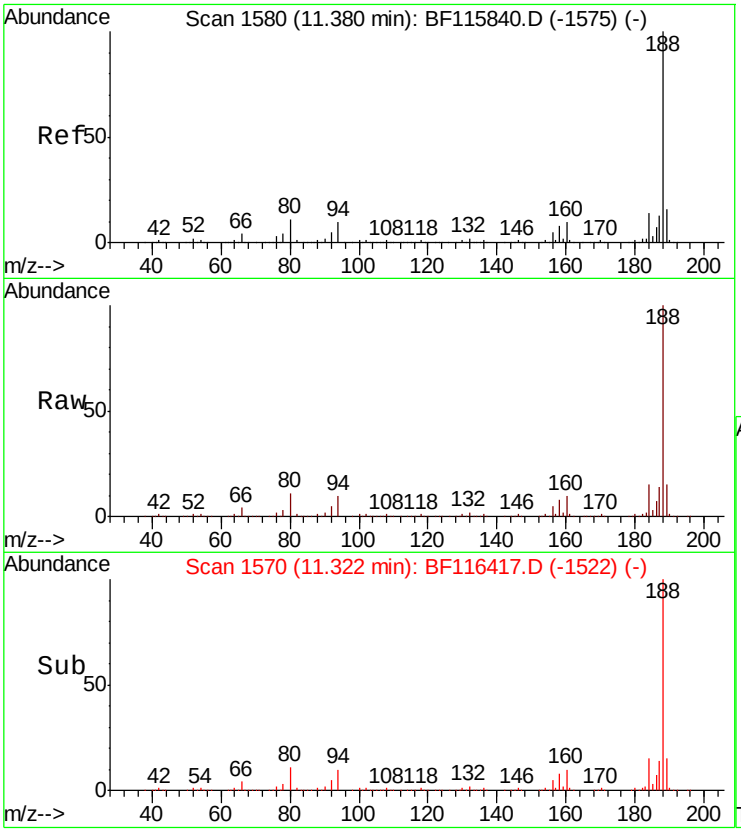


#57
2,4-Dinitrotoluene
Concen: 6.489 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:165 Resp: 29831

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



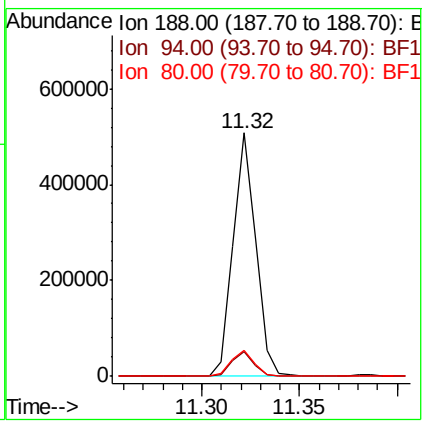


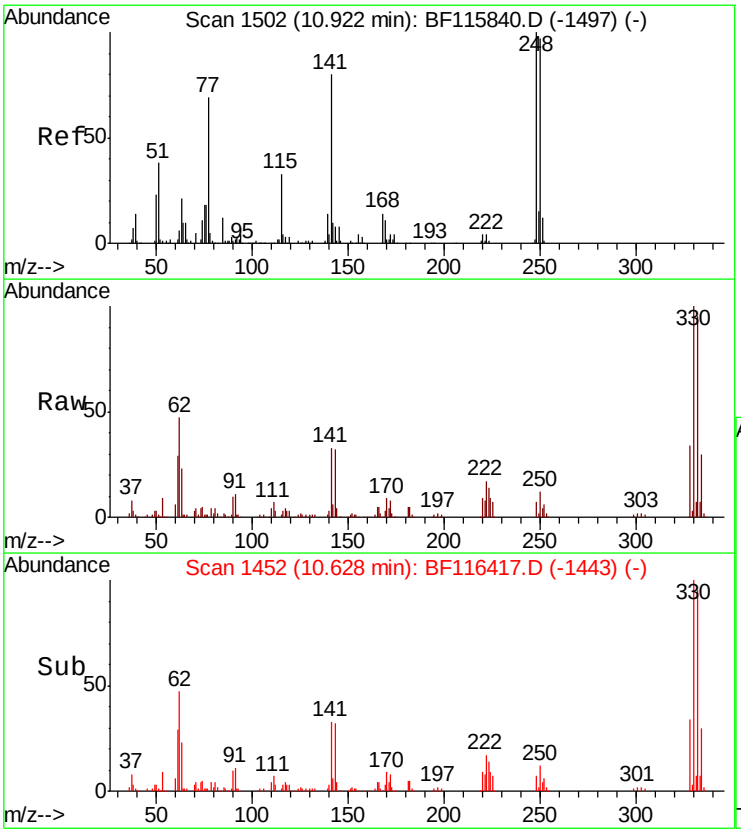
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 411877

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.9	8.7	13.1

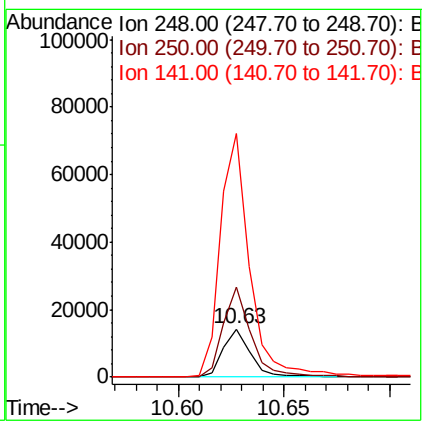


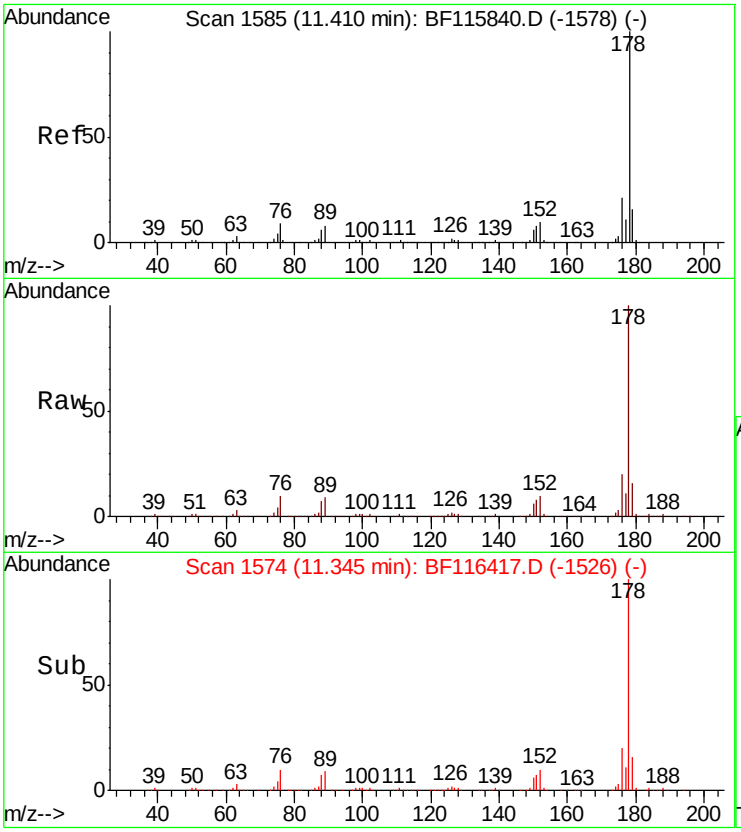


#67
4-Bromophenyl-phenylether
Concen: 2.899 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:248 Resp: 12780

Ion	Ratio	Lower	Upper
248	100		
250	188.4	77.4	116.2#
141	508.4	56.8	85.2#



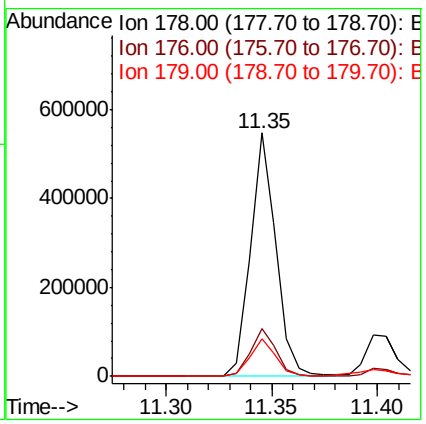


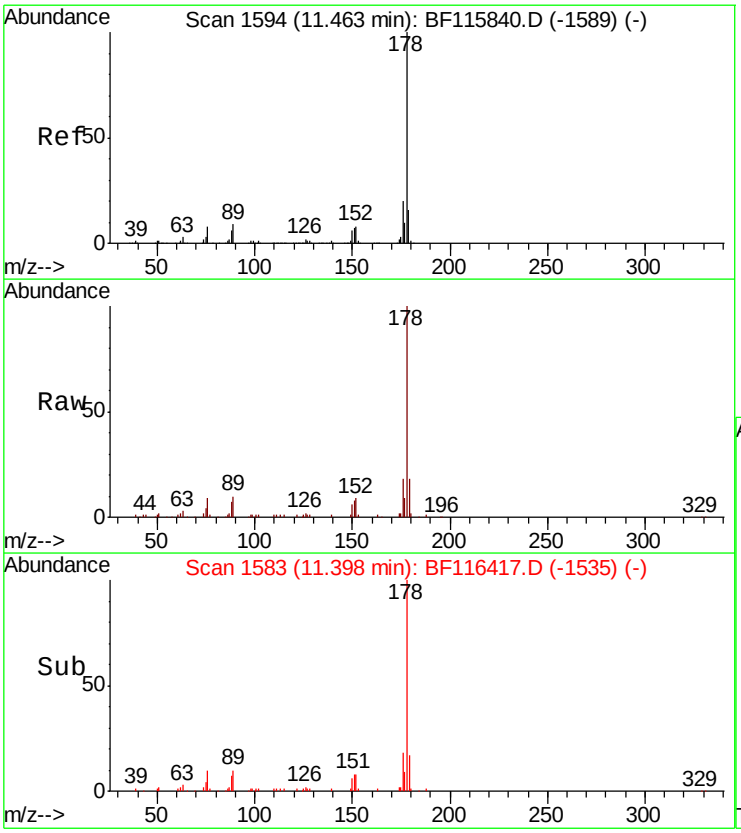
#71
Phenanthrene
Concen: 21.778 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 458562

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	24.8
179	15.6	12.5	18.7

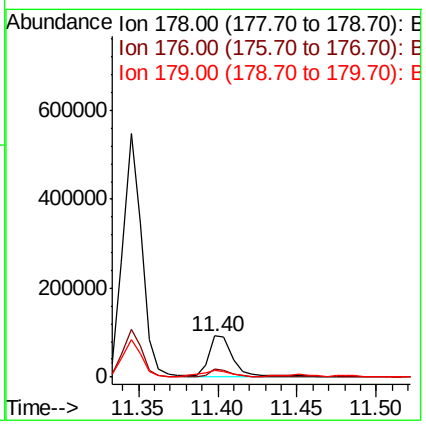


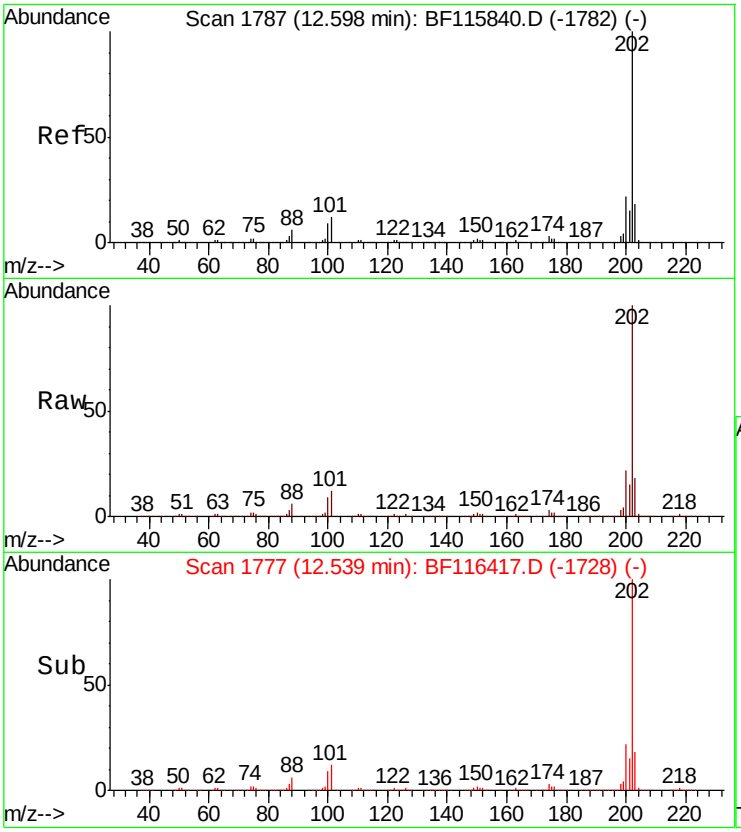


#72
Anthracene
Concen: 4.641 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:178 Resp: 98894

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	17.5	13.0	19.6



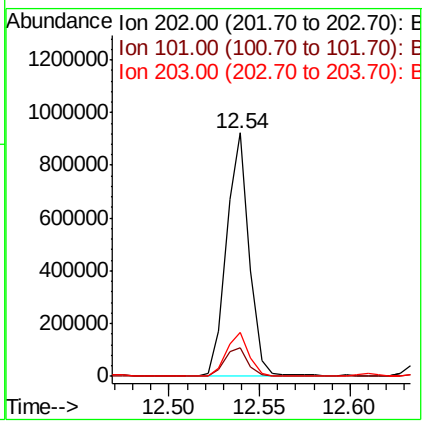


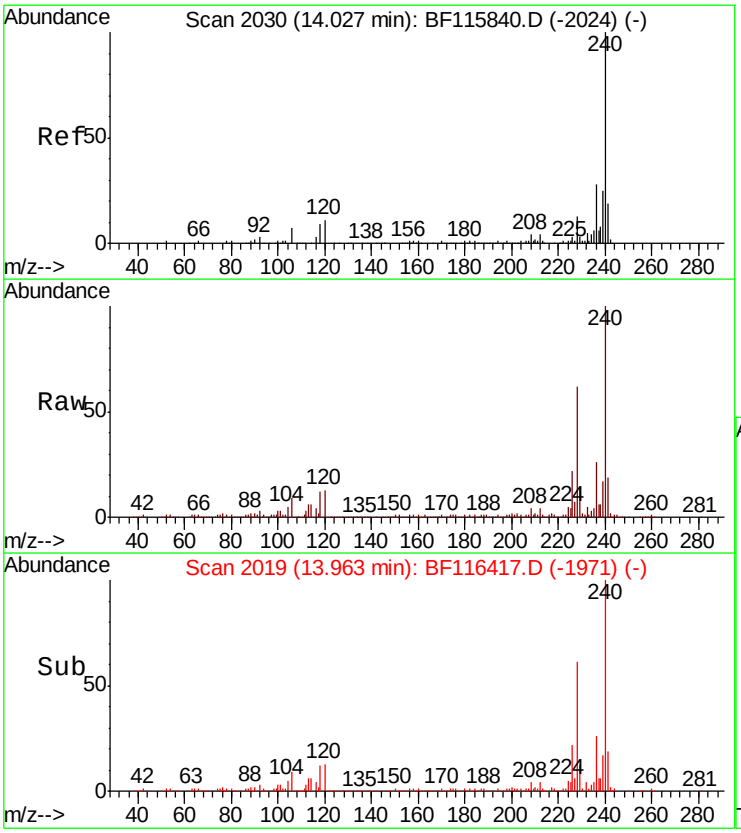
#75
Fluoranthene
Concen: 36.257 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 799228

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
203	17.8	0.0	37.8

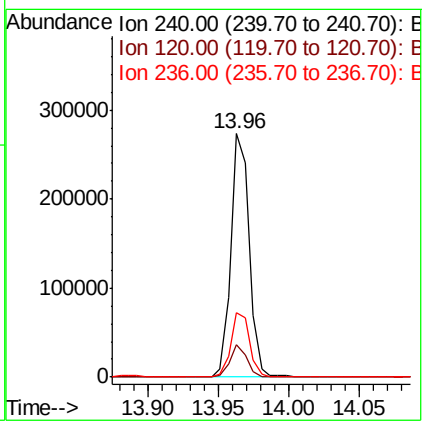


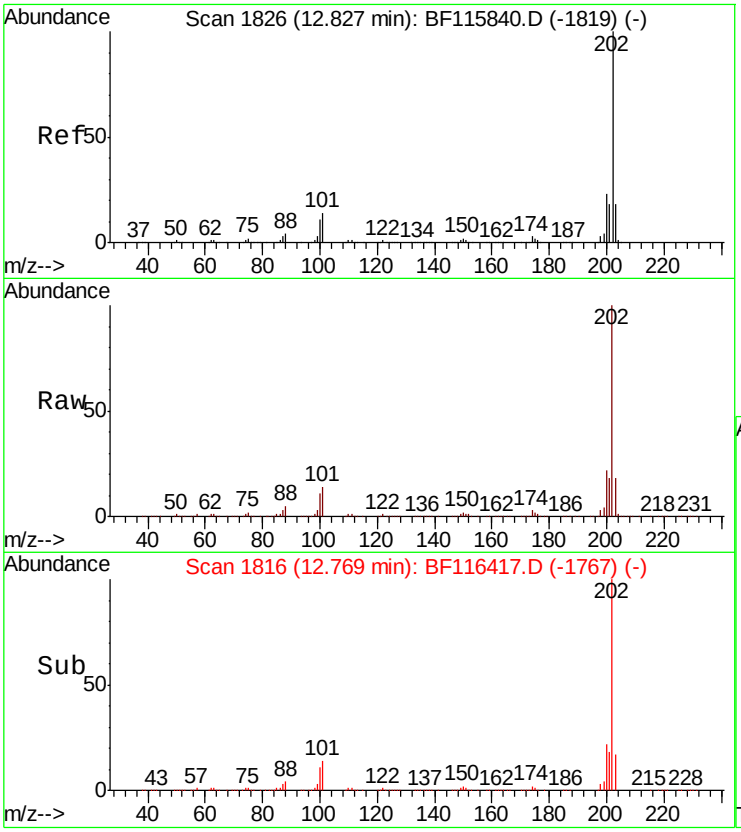


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:240 Resp: 248453

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.7	16.1
236	26.5	22.2	33.2



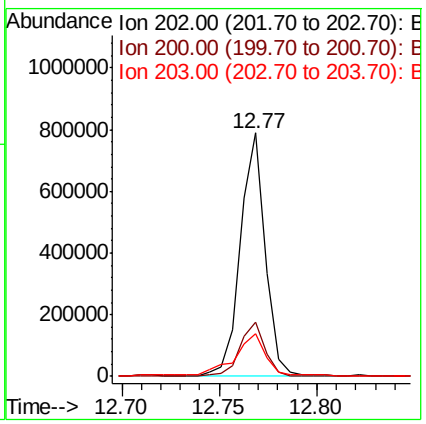


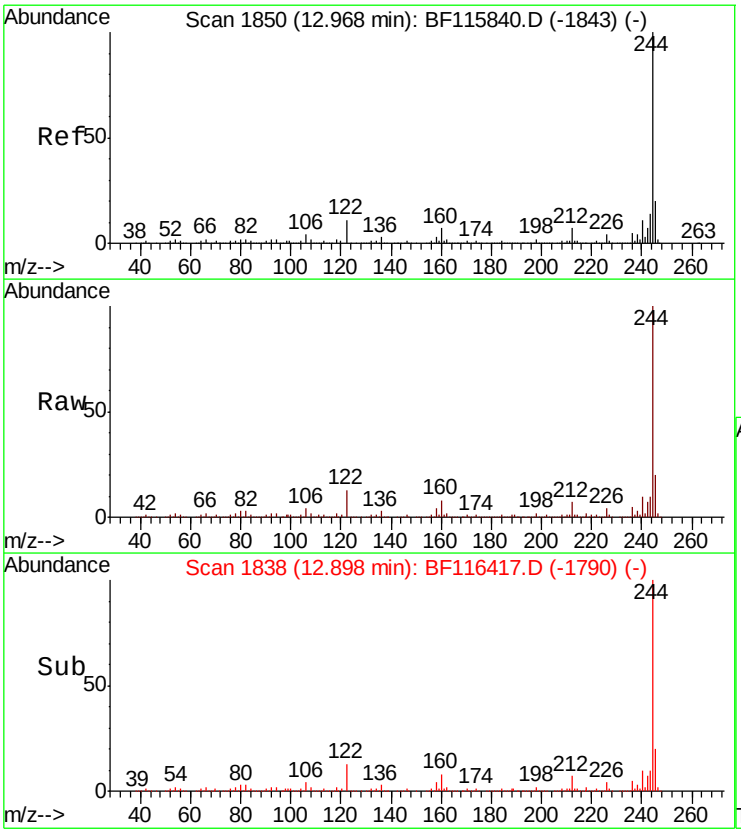
#78
Pyrene
Concen: 37.175 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 696250

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.0	27.0
203	17.6	14.1	21.1

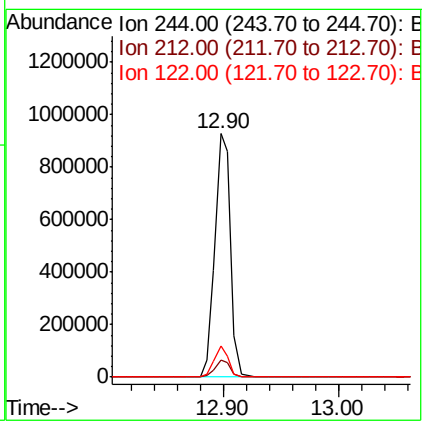


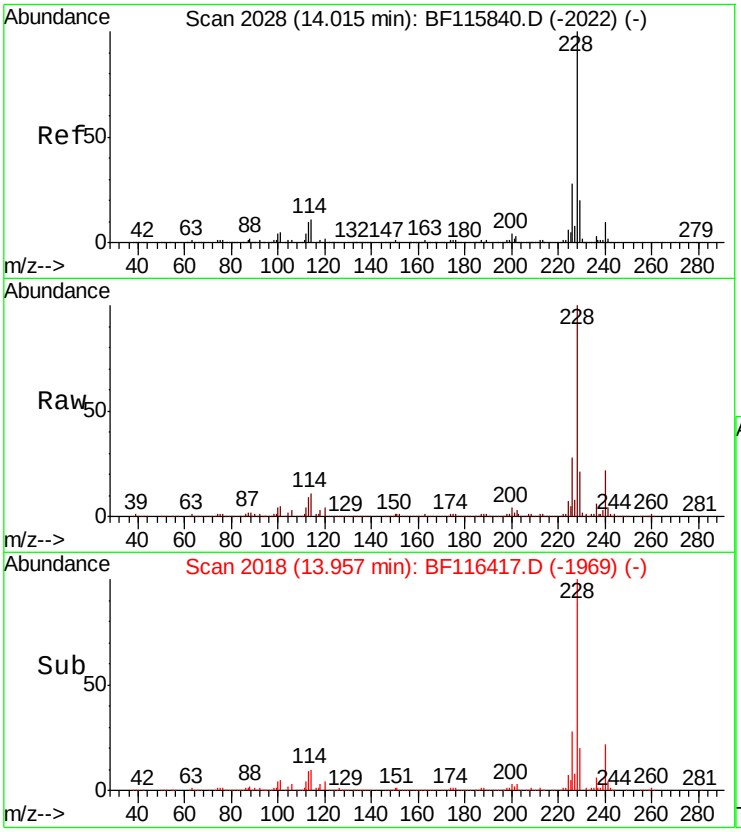


#79
Terphenyl-d14
Concen: 73.369 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:244 Resp: 865083

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	9.0	13.4



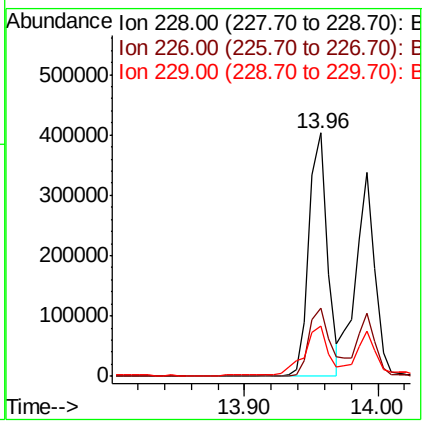


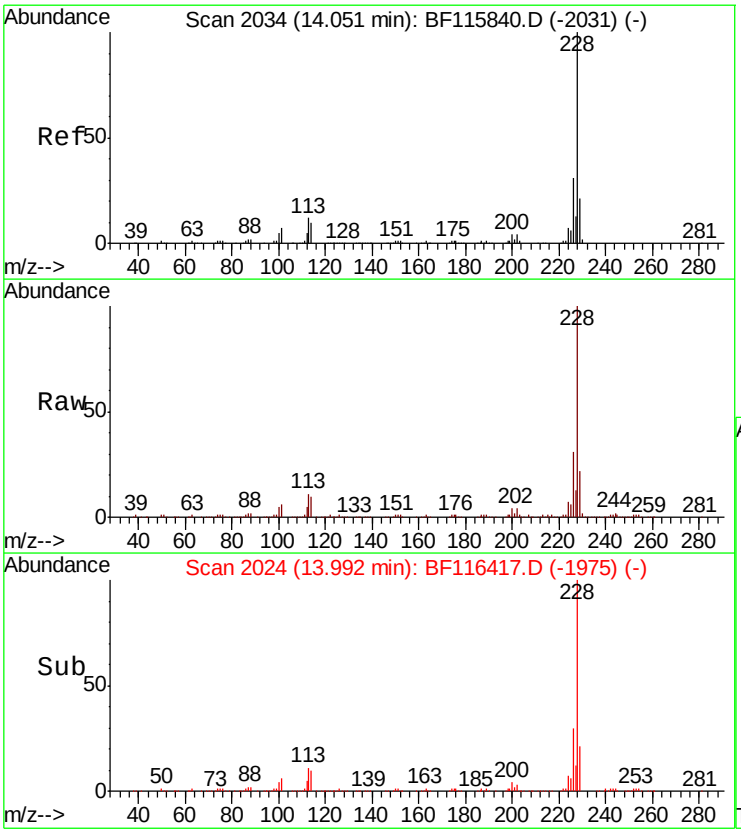
#81
Benzo(a)anthracene
Concen: 23.771 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 377495

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.9	16.2	24.4

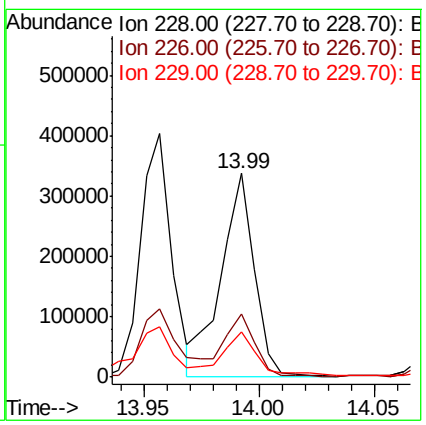


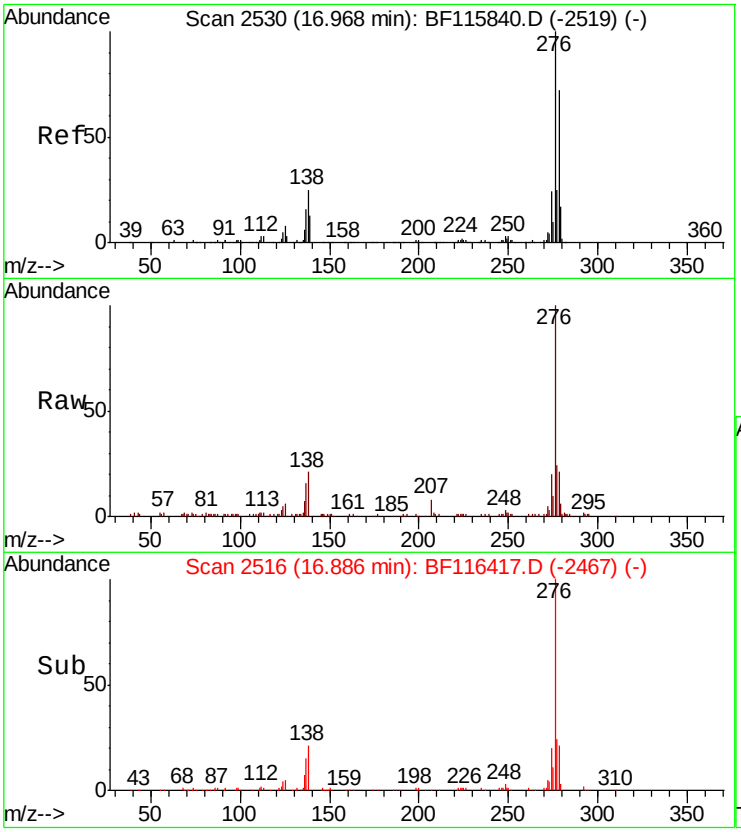


#83
Chrysene
Concen: 21.925 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:228 Resp: 338020

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	22.2	16.6	24.8



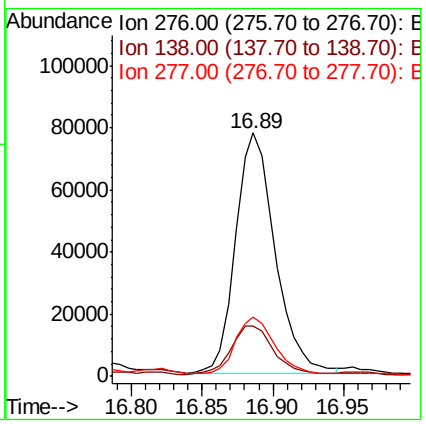


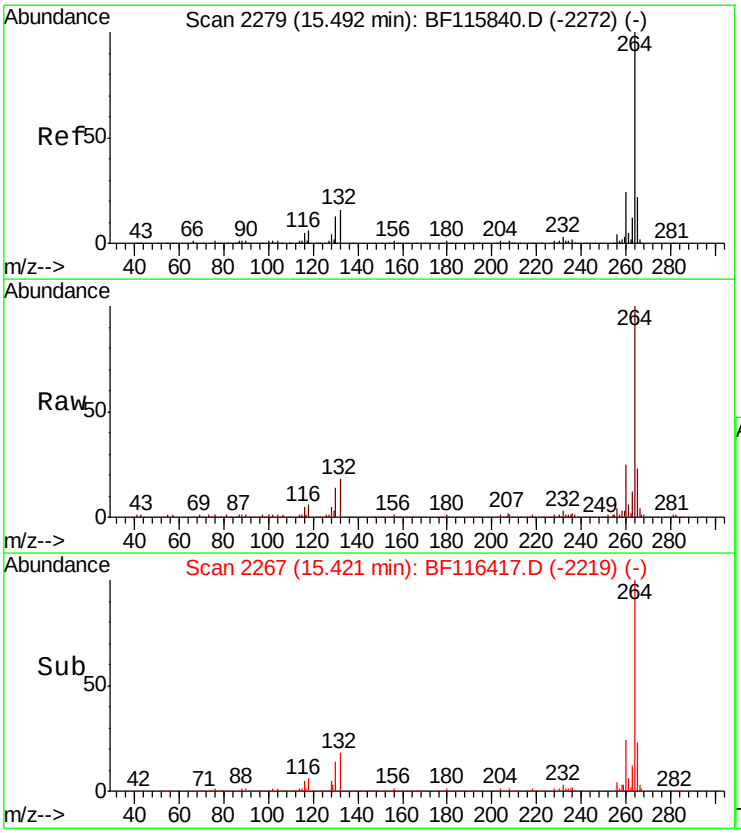
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.668 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 151088

Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.4	30.6
277	22.8	20.0	30.0

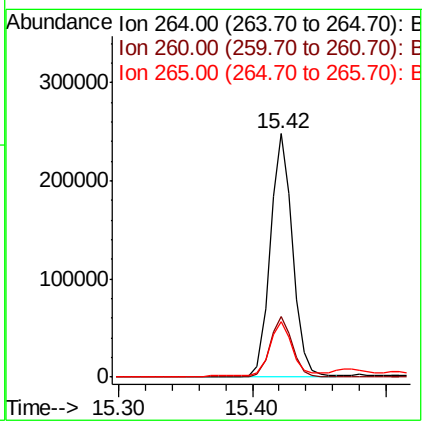


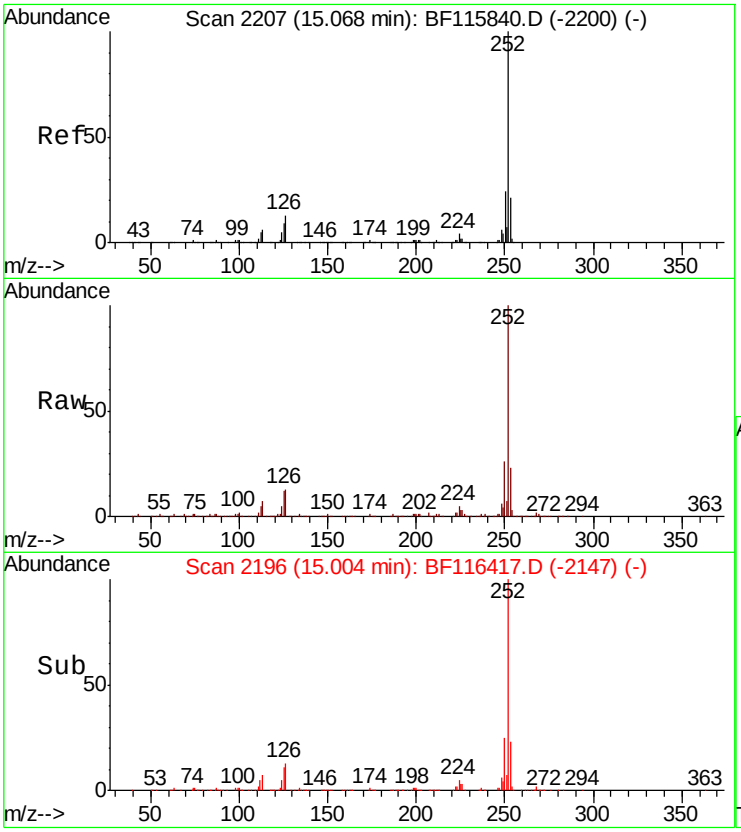


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:264 Resp: 291619

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.9	17.4	26.0



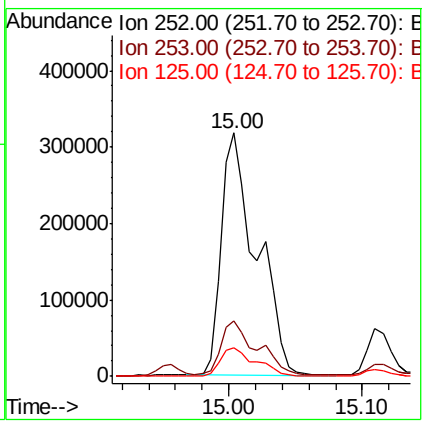


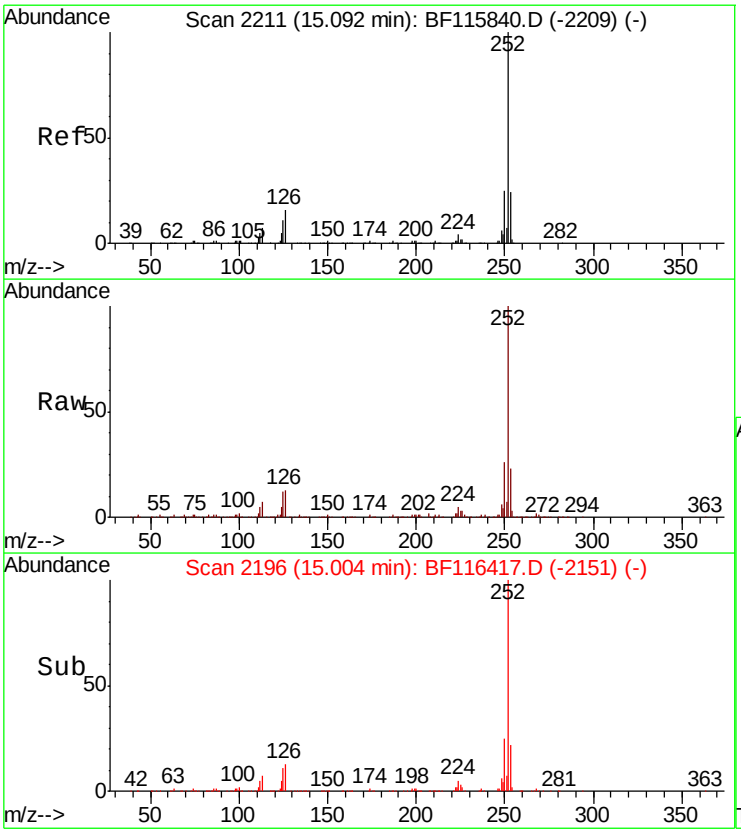
#88
Benzo(b)fluoranthene
Concen: 34.623 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 583799

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.5	8.4	12.6

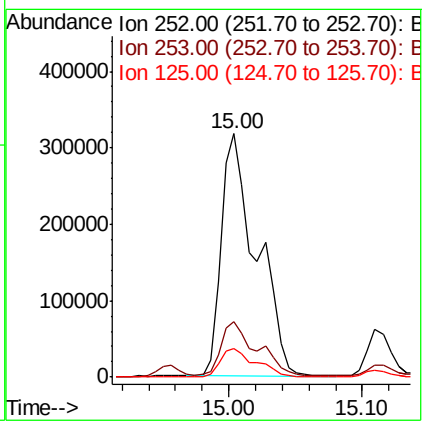


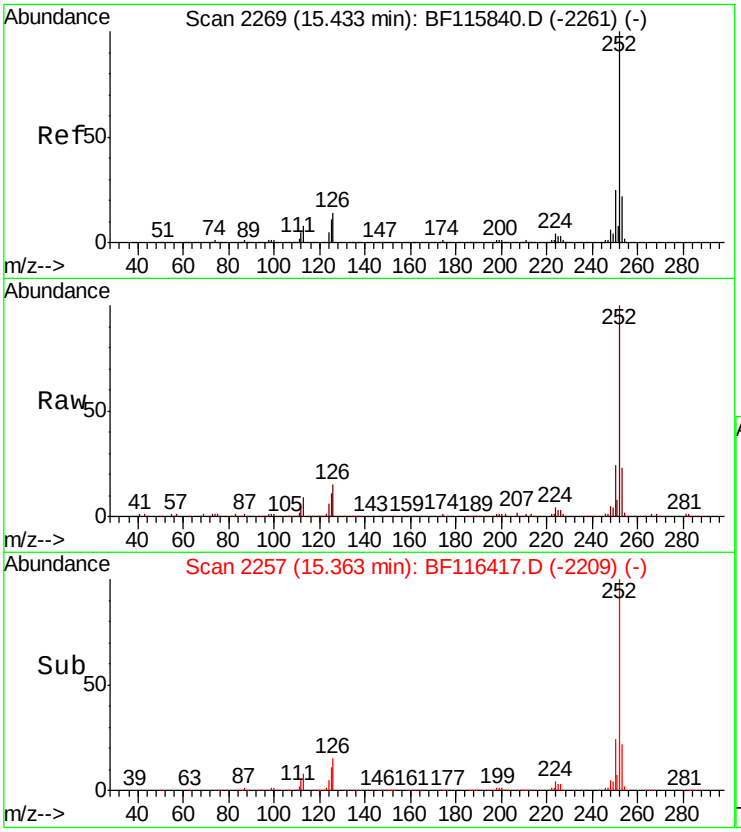


#89
Benzo(k)fluoranthene
Concen: 35.546 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:252 Resp: 583799

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.5	7.7	11.5#



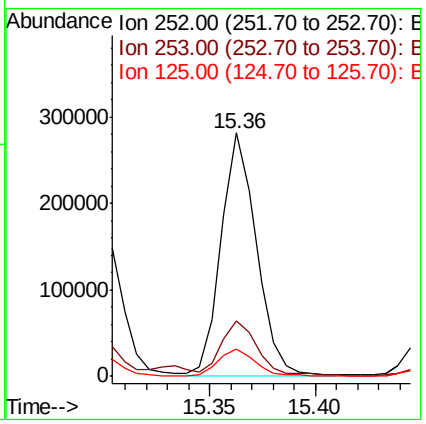


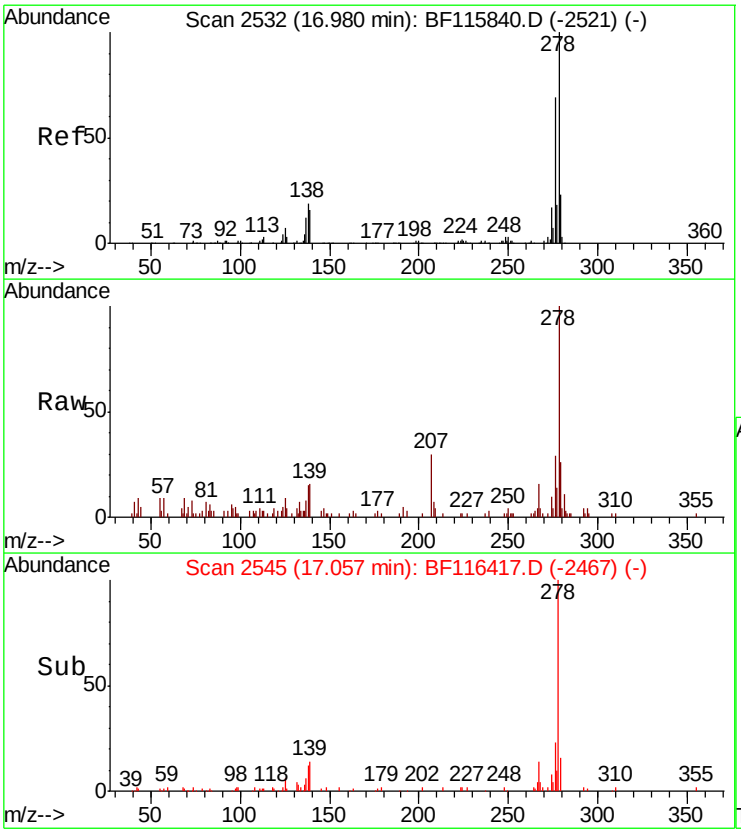
#90
Benzo(a)pyrene
Concen: 21.490 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 323916

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.2	8.9	13.3

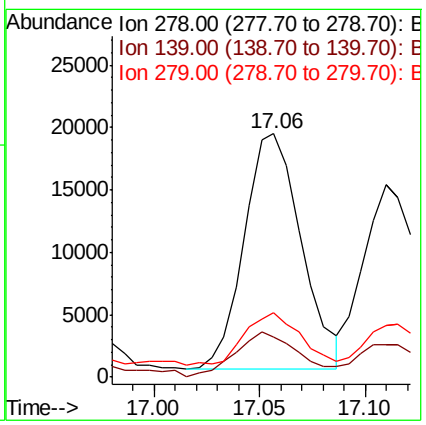


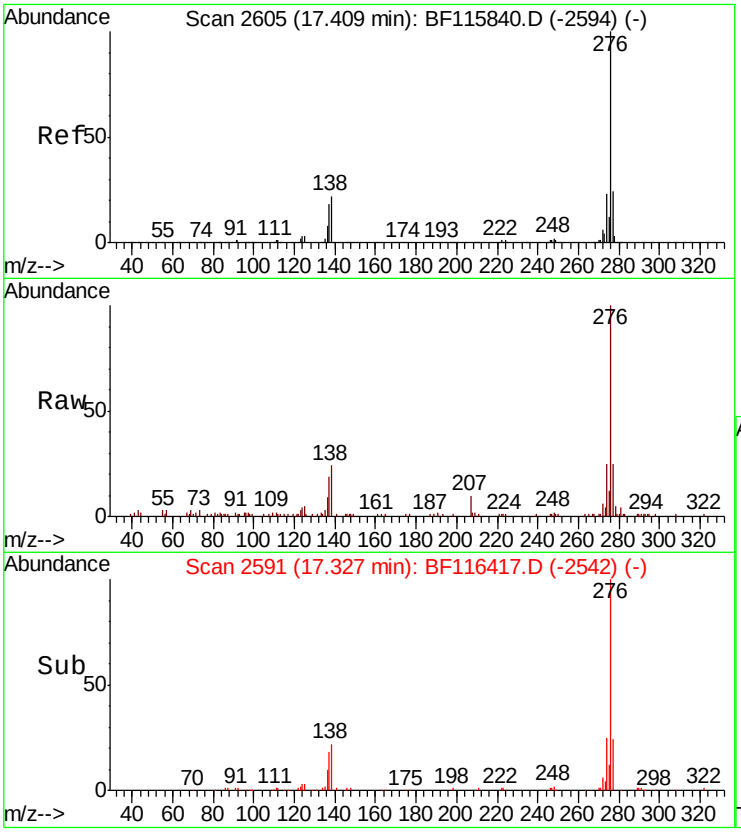


#91
Dibenzo(a,h)anthracene
Concen: 2.710 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.16 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Tgt Ion:278 Resp: 35364

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	26.4	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 9.278 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BF116417.D
Acq: 20 Aug 2019 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 118886

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.4	27.6
138	23.9	17.0	25.6