Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116411.D
Acq On : 20 Aug 2019 1:59
Operator : HP/JU
Sample : K4223-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-9

Quant Time: Aug 20 03:45:05 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	105558	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	422637	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	234039	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	411503	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	255760	20.00	ng		-0.02
87) Perylene-d12	15.42	264	295975	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	546878	86.73	ng		0.00
7) Phenol-d6	6.45	99	735153	92.41	ng		-0.01
23) Nitrobenzene-d5	7.37	82	448585	61.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	203165	89.54	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	716800	57.37	ng		-0.01
79) Terphenyl-d14	12.90	244	731409	60.26	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.37	82	448585	32.041	ng	#	65
50) Dimethylphthalate	9.55	163	177254	11.123	ng		99
57) 2,4-Dinitrotoluene	9.83	165	31258	6.779	ng	#	20
67) 4-Bromophenyl-phenylether	10.63	248	12481	2.833	ng	#	1
71) Phenanthrene	11.34	178	149270	7.096	ng		98
75) Fluoranthene	12.54	202	235619	10.698	ng		99
78) Pyrene	12.77	202	203601	10.560	ng		98
81) Benzo(a)anthracene	13.96	228	94720	5.794	ng		99
83) Chrysene	13.99	228	80874	5.096	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	46593	3.495	ng		96
88) Benzo(b)fluoranthene	15.00	252	155058	9.060	ng	#	95
89) Benzo(k)fluoranthene	15.00	252	155058	9.302	ng	#	95
90) Benzo(a)pyrene	15.37	252	83437	5.454	ng	#	94
92) Benzo(g,h,i)perylene	17.34	276	42118	3.239	ng	#	92

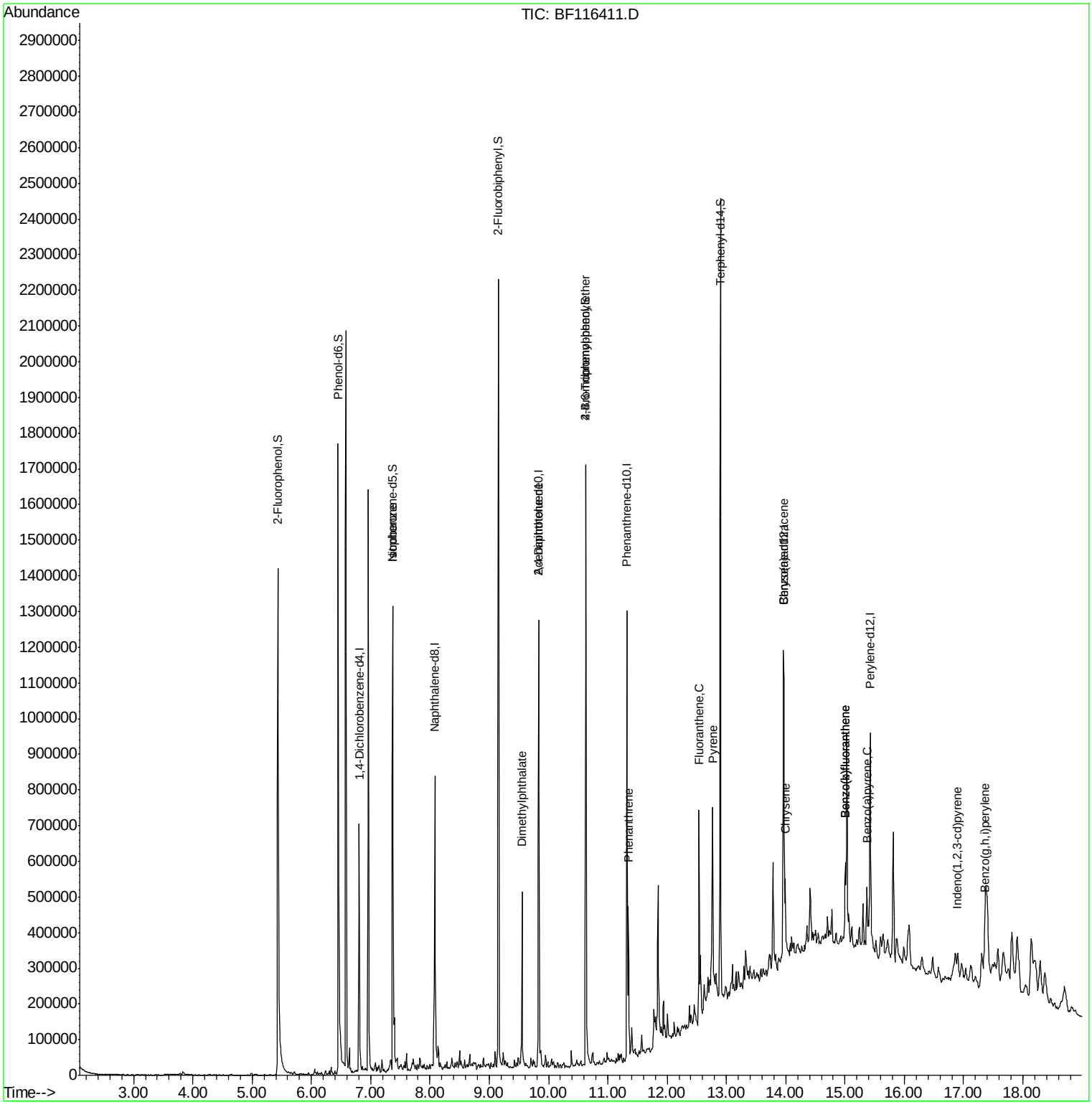
(#) = qualifier out of range (m) = manual integration (+) = signals summed

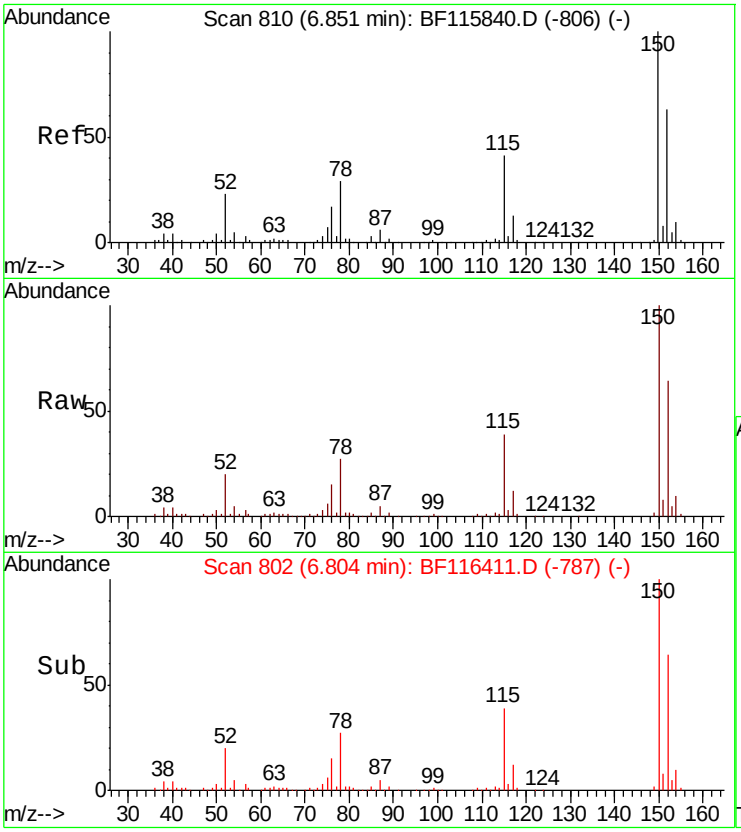
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116411.D
Acq On : 20 Aug 2019 1:59
Operator : HP/JU
Sample : K4223-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-9

Quant Time: Aug 20 03:45:05 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



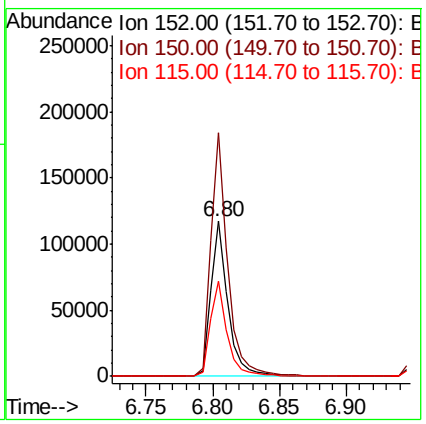


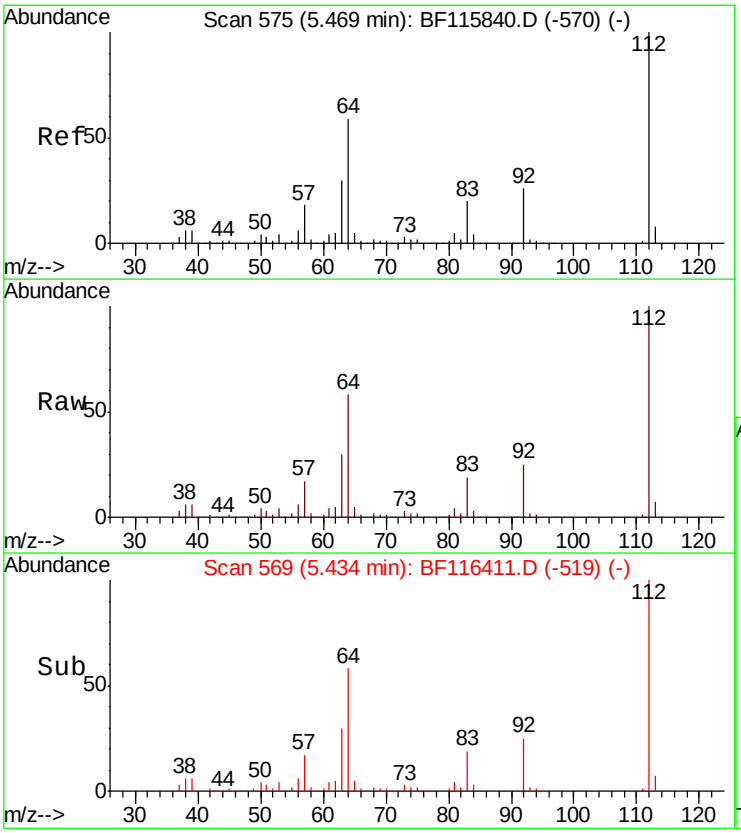
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:152 Resp: 105558

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	61.1	49.9	74.9

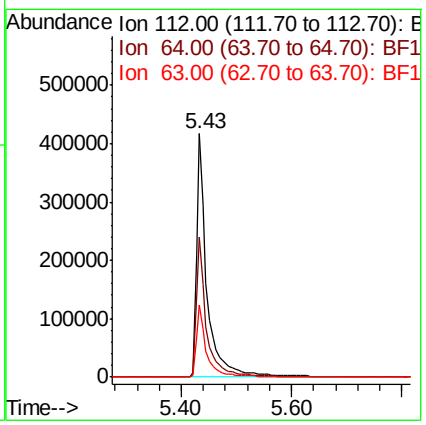


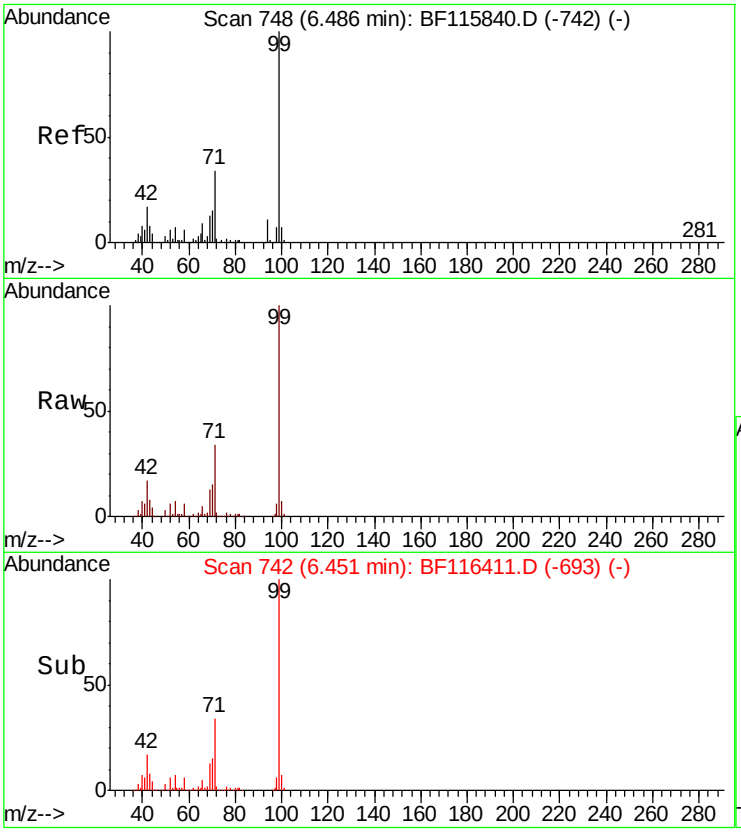


#5
2-Fluorophenol
Concen: 86.730 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:112 Resp: 546878

Ion	Ratio	Lower	Upper
112	100		
64	57.6	45.4	68.2
63	29.8	23.7	35.5



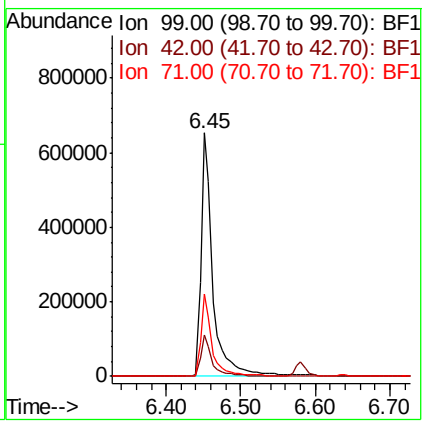


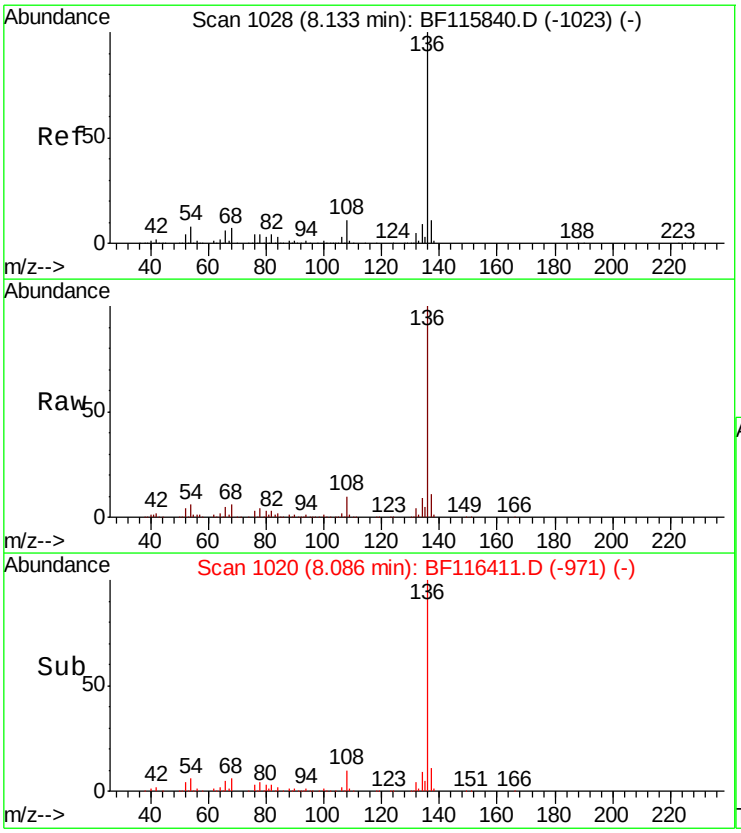
#7
Phenol-d6
Concen: 92.408 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 99 Resp: 735153

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	33.7	27.3	40.9

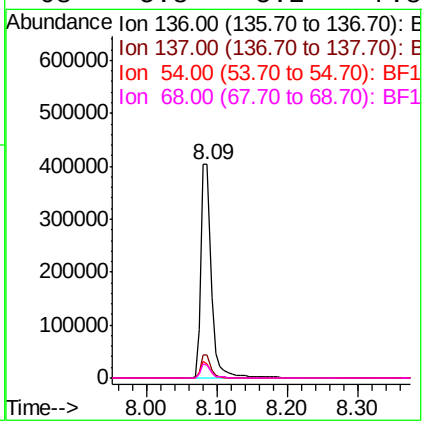


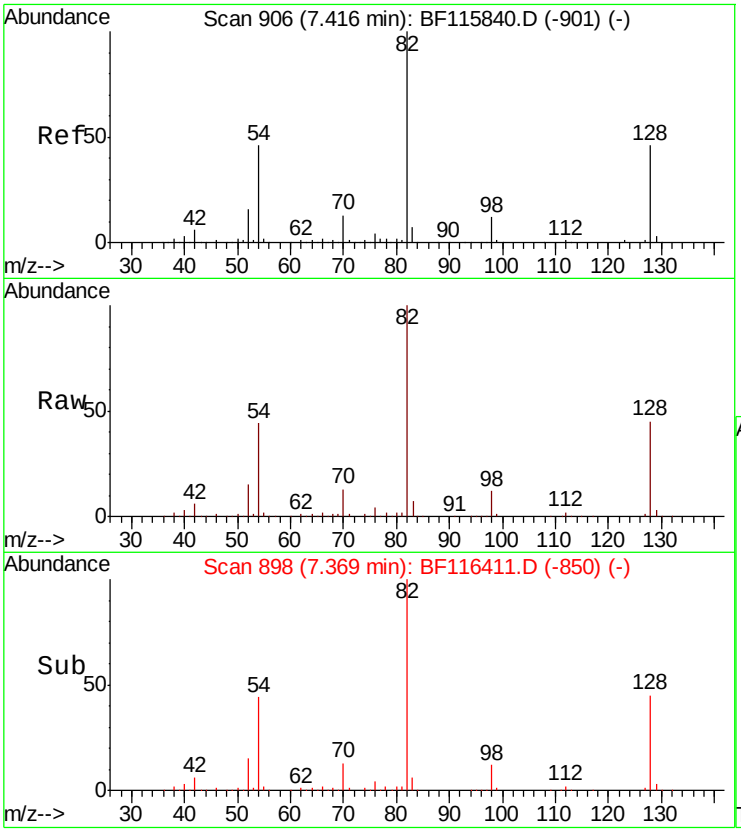


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:136 Resp: 422637

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.8	8.6
68	5.8	5.2	7.8



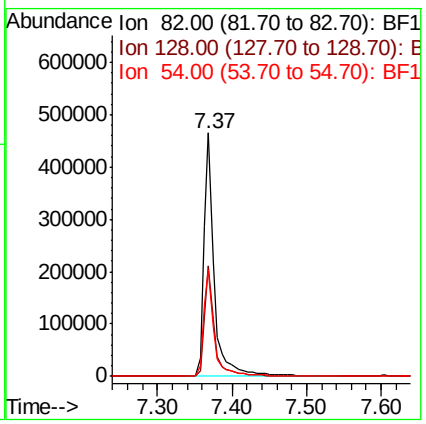


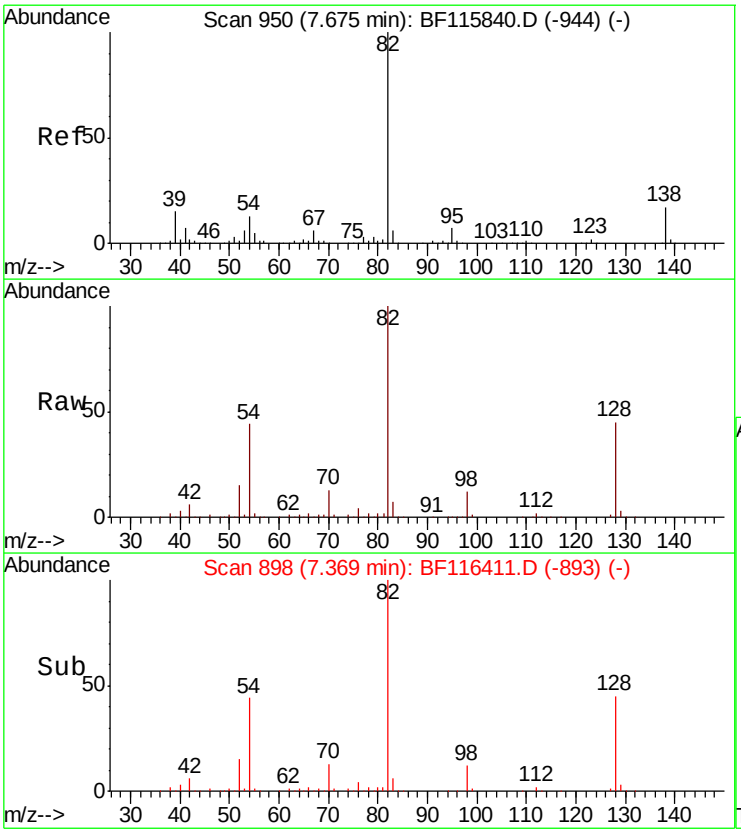
#23
Nitrobenzene-d5
Concen: 61.267 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion: 82 Resp: 448585

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	44.0	36.0	54.0

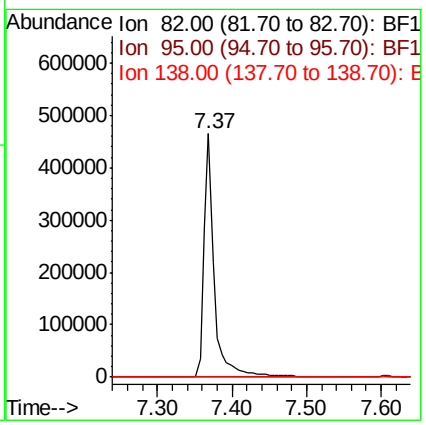


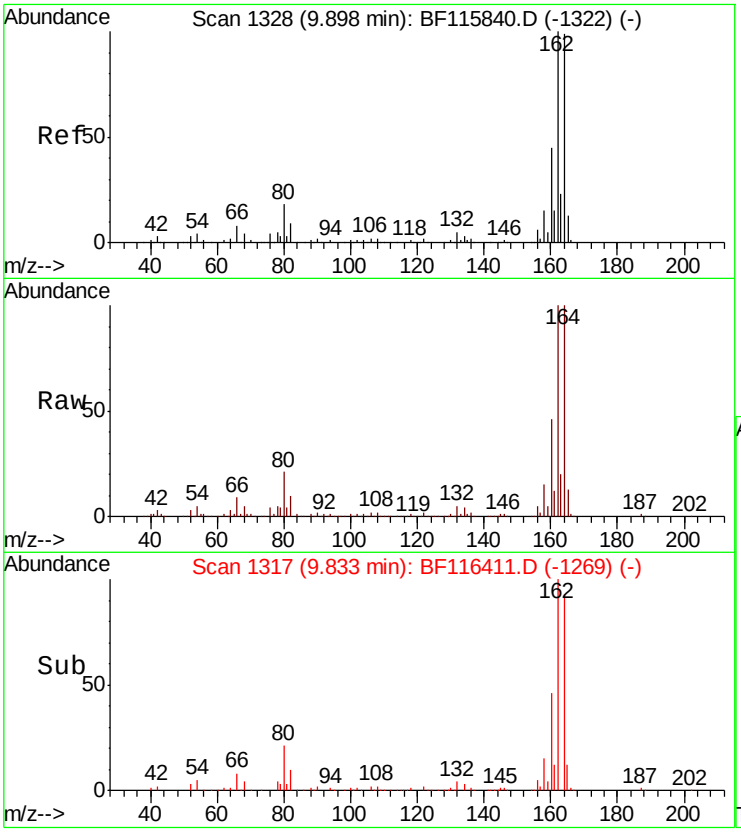


#25
Isophorone
Concen: 32.041 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion: 82 Resp: 448585

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	14.5	21.7#



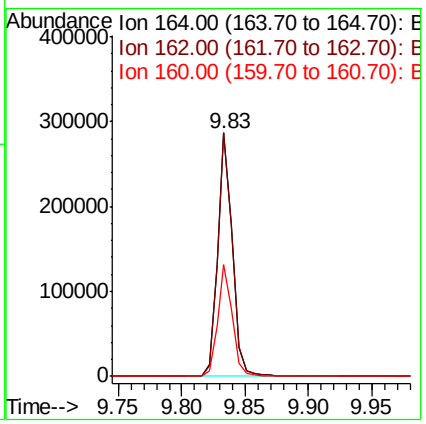


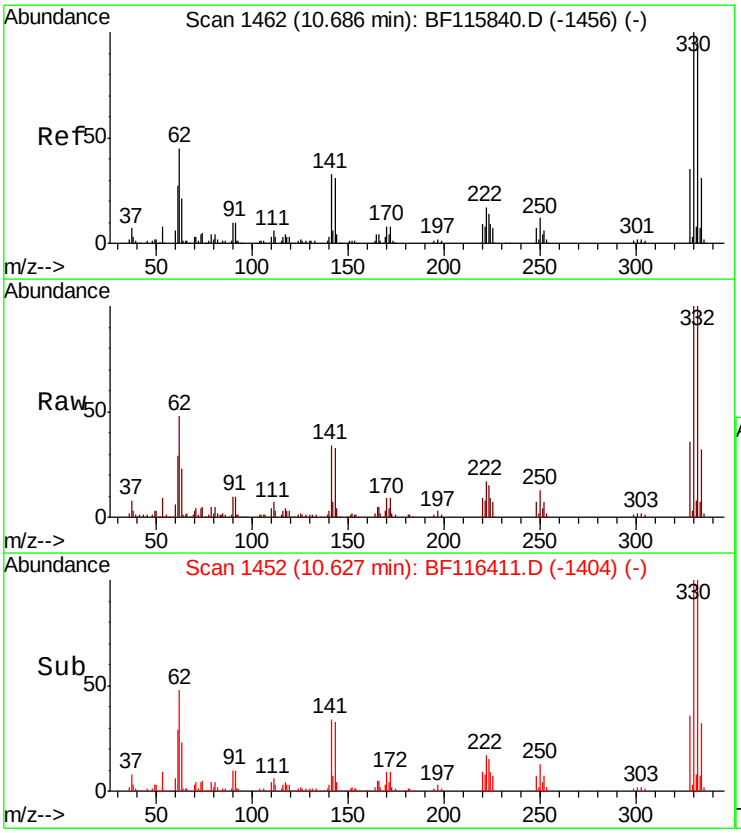
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:164 Resp: 234039

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	124.0
160	45.7	37.6	56.4

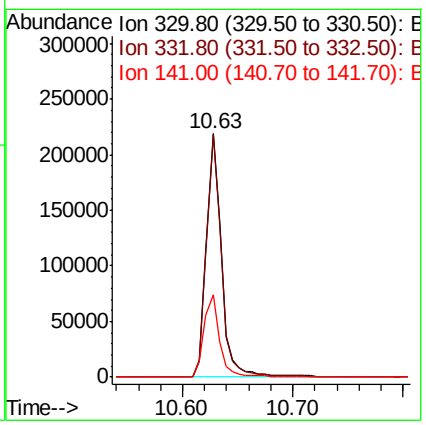


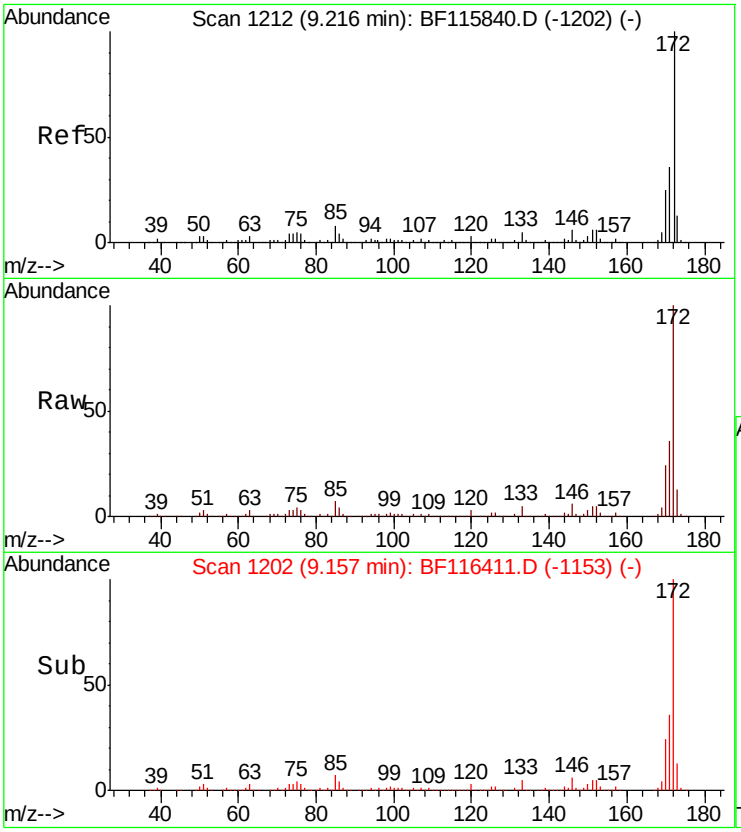


#42
2,4,6-Tribromophenol
Concen: 89.537 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:330 Resp: 203165

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.8	115.2
141	35.1	26.3	39.5



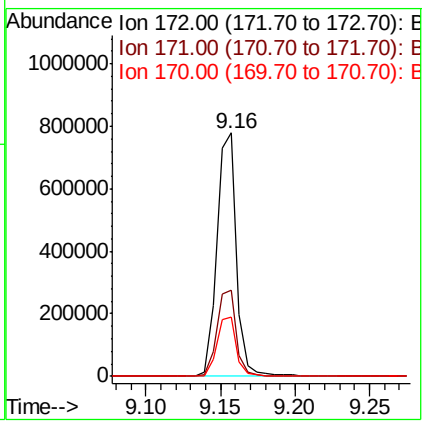


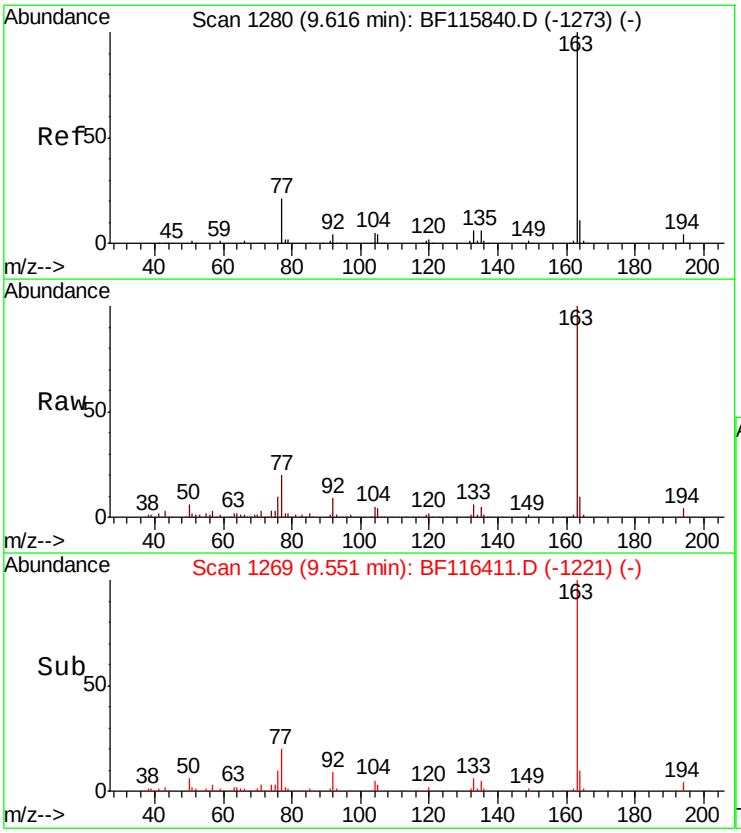
#45
2-Fluorobiphenyl
Concen: 57.367 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:172 Resp: 716800

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.5	20.1	30.1

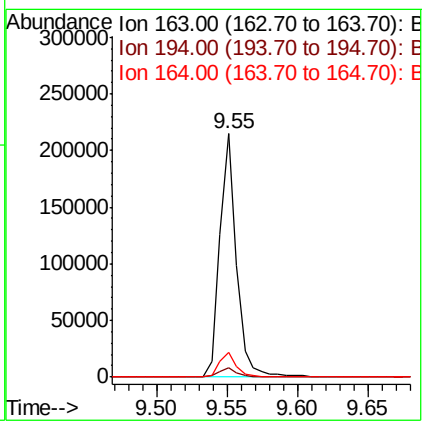


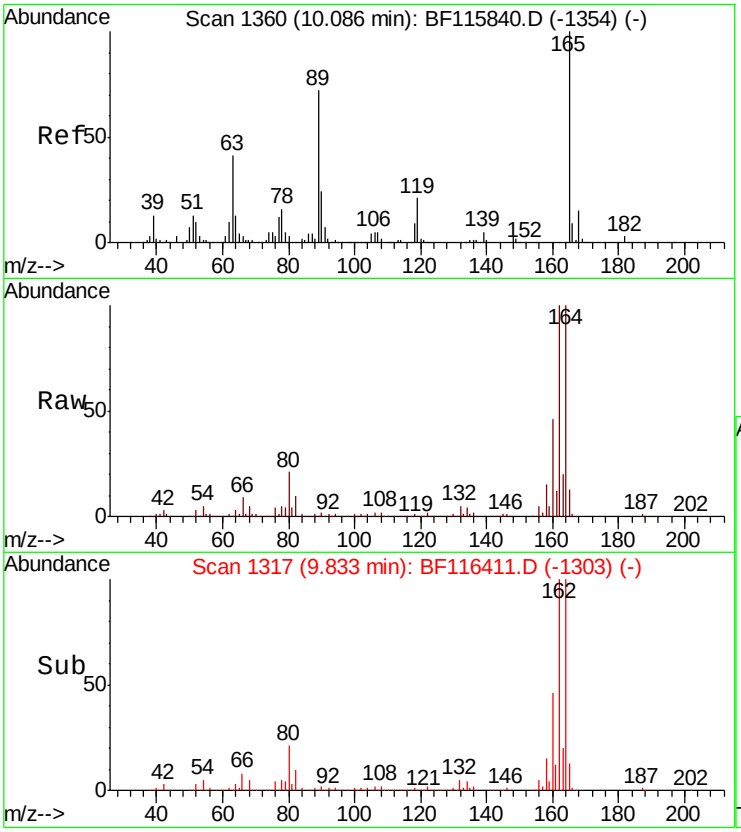


#50
Dimethylphthalate
Concen: 11.123 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:163 Resp: 177254

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.4	12.6



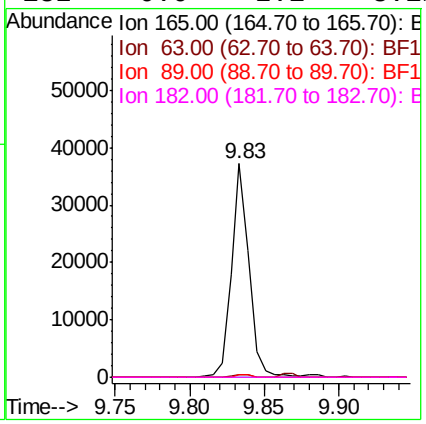


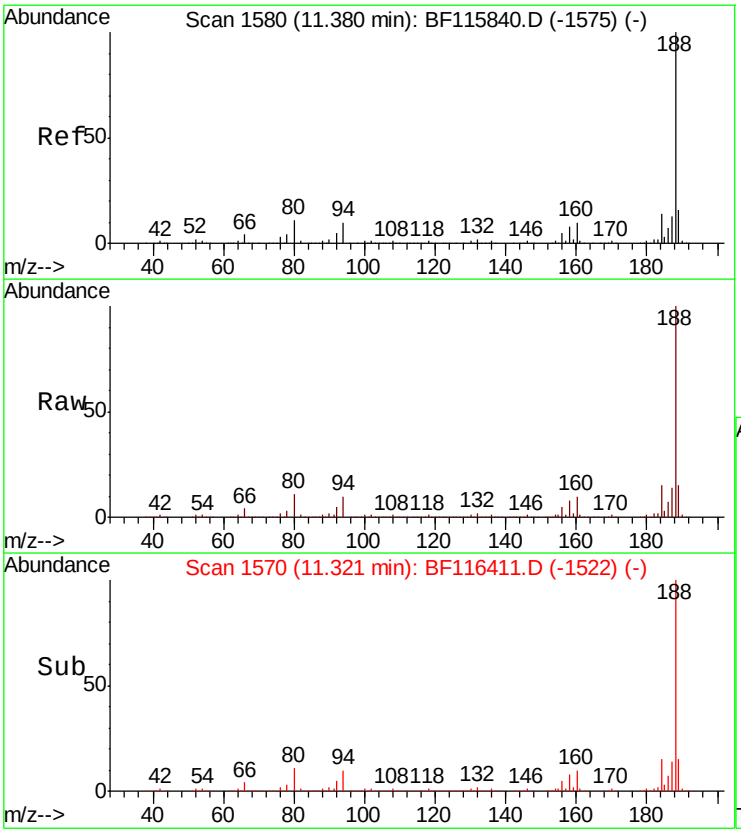
#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:165 Resp: 31258

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

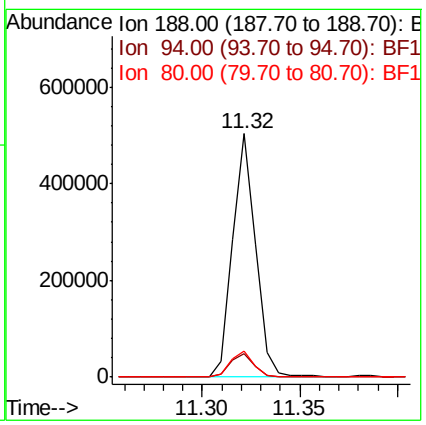


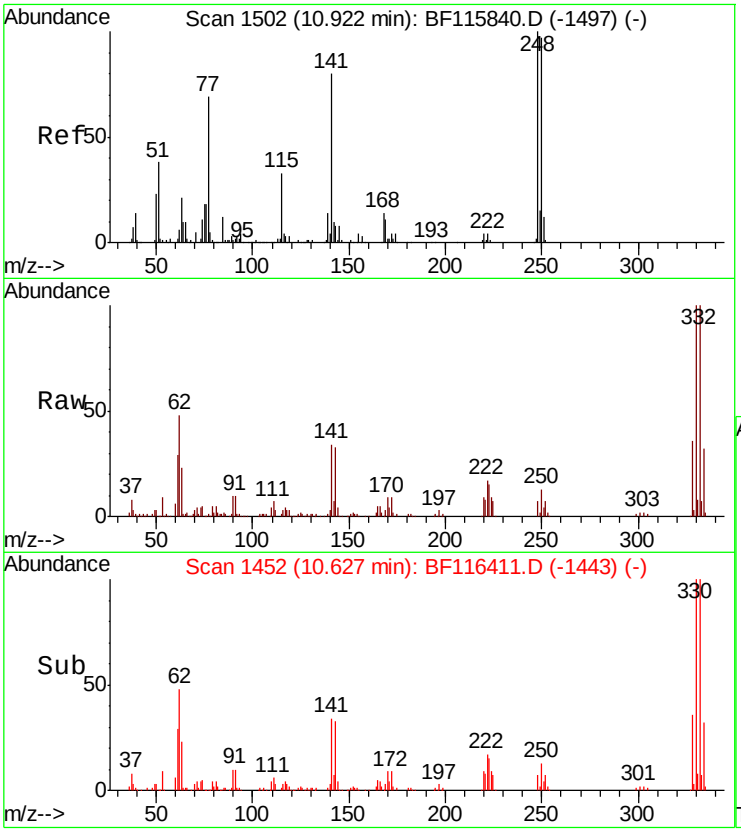


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:188 Resp: 411503

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.6	8.7	13.1



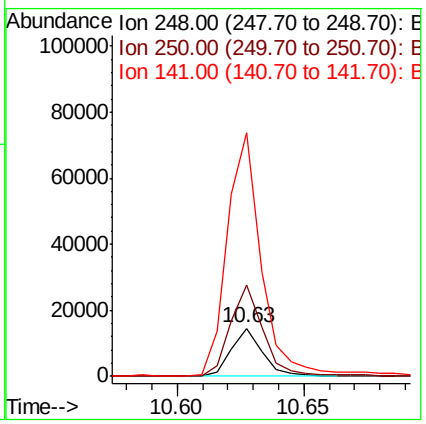


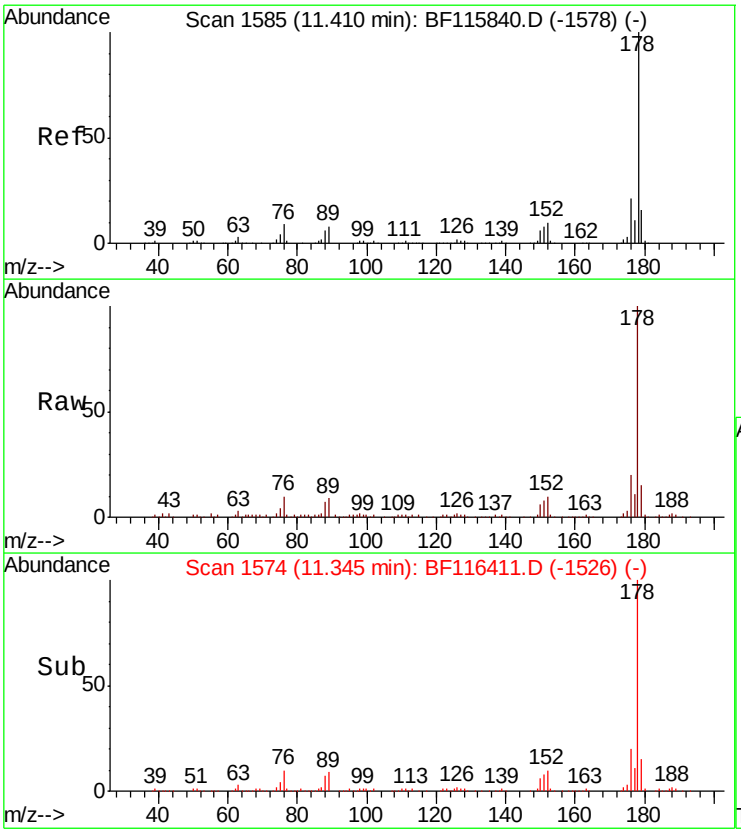
#67
4-Bromophenyl-phenylether
Concen: 2.833 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:248 Resp: 12481

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.4	116.2#
141	508.7	56.8	85.2#

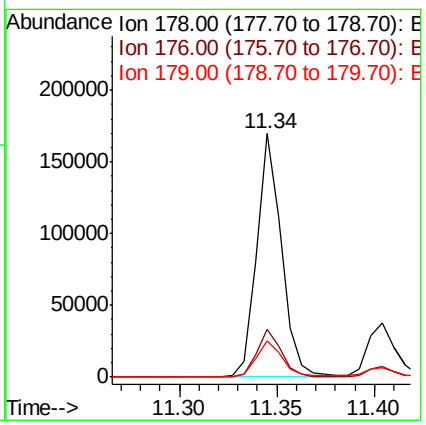


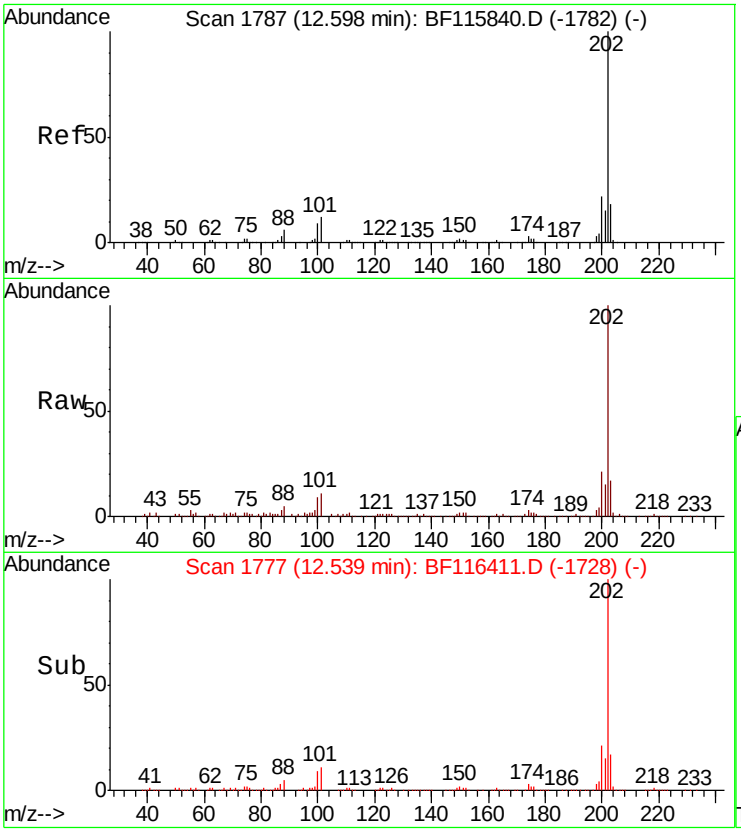


#71
Phenanthrene
Concen: 7.096 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:178 Resp: 149270

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	24.8
179	15.1	12.5	18.7



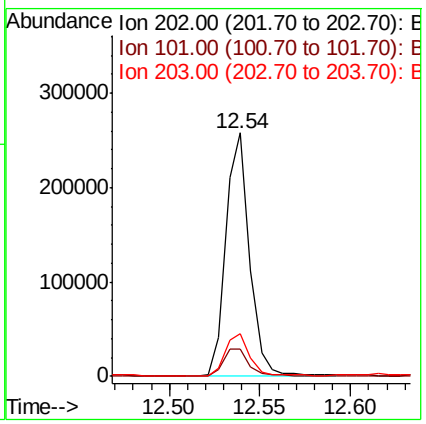


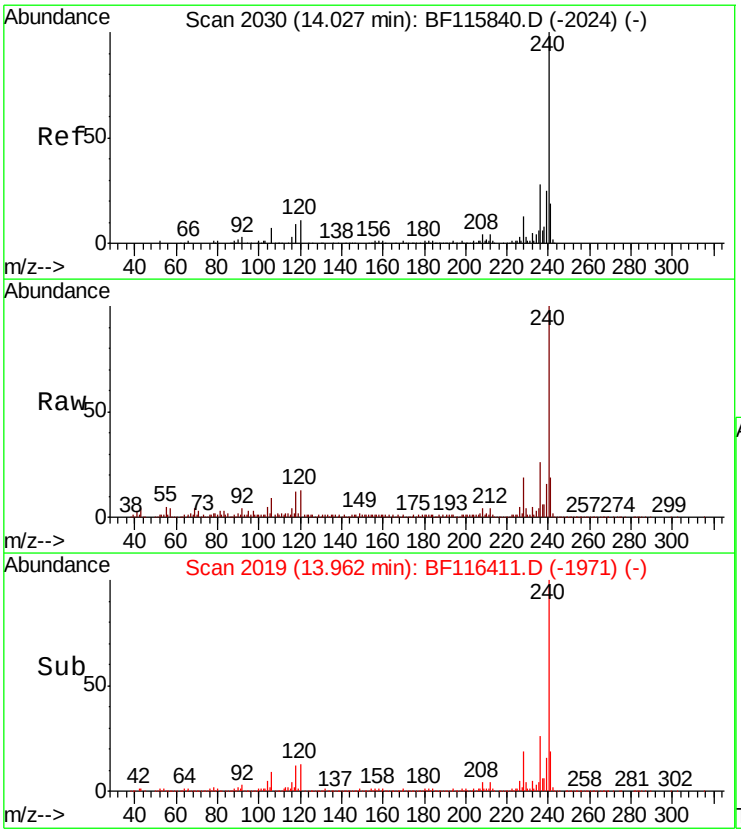
#75
Fluoranthene
Concen: 10.698 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:202 Resp: 235619

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
203	17.3	0.0	37.8

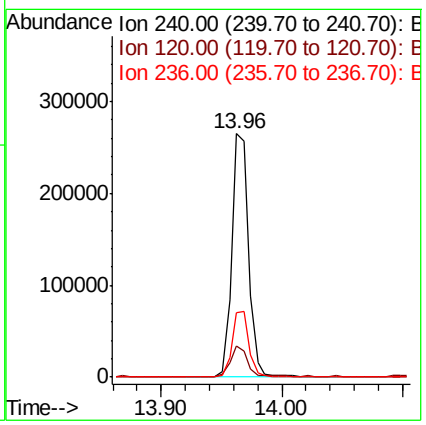


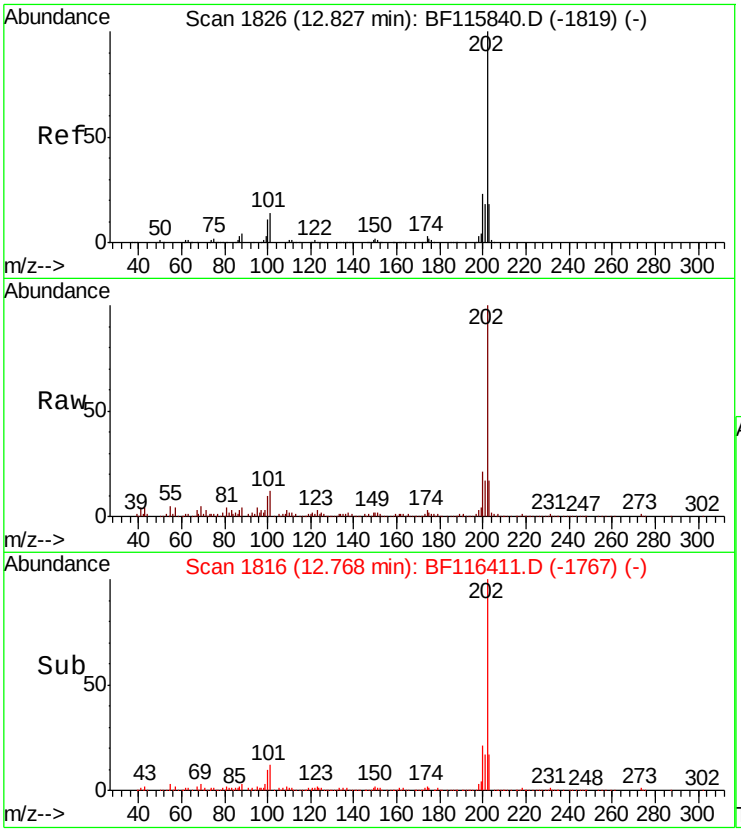


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:240 Resp: 255760

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.7	16.1
236	26.5	22.2	33.2



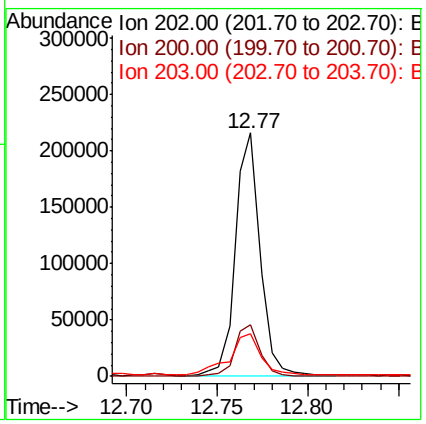


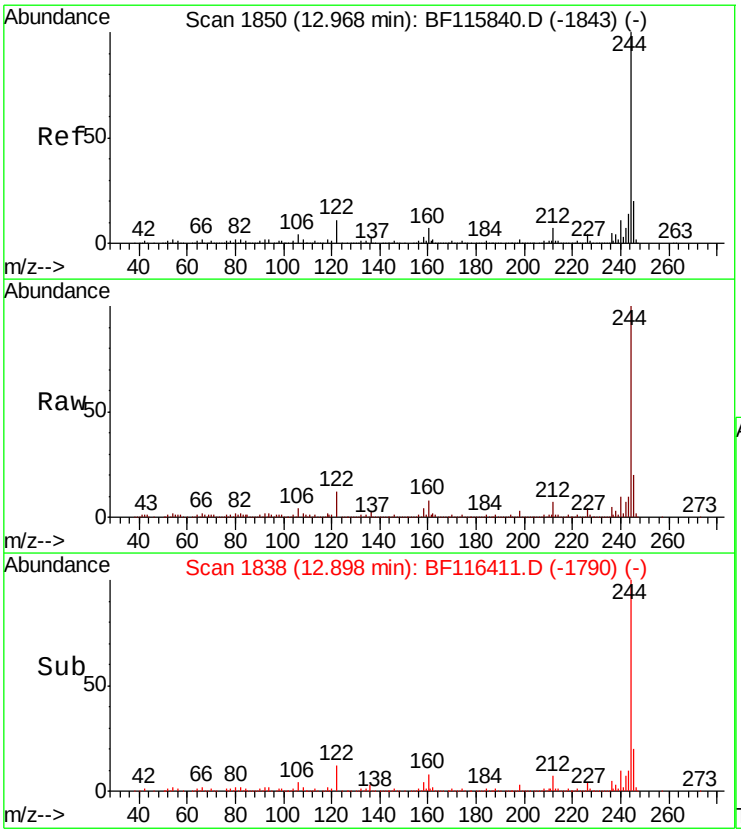
#78
Pyrene
Concen: 10.560 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:202 Resp: 203601

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.0	27.0
203	17.3	14.1	21.1

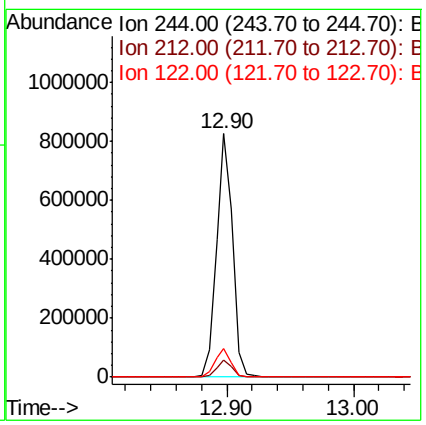


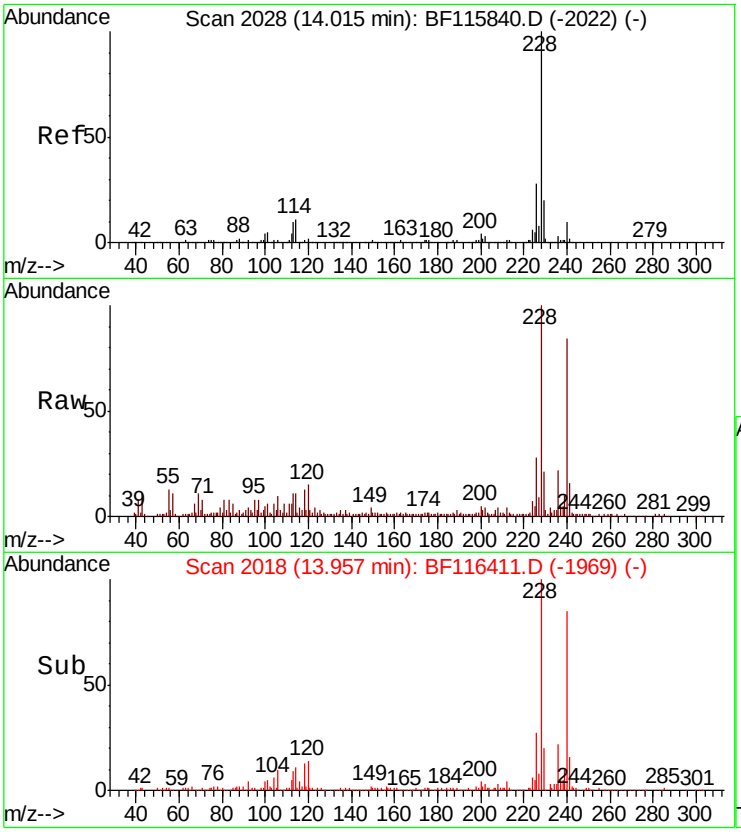


#79
Terphenyl-d14
Concen: 60.260 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:244 Resp: 731409

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	9.0	13.4



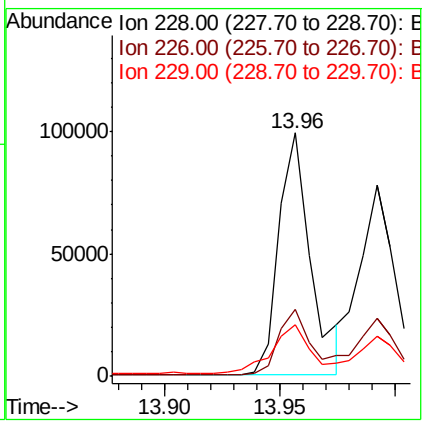


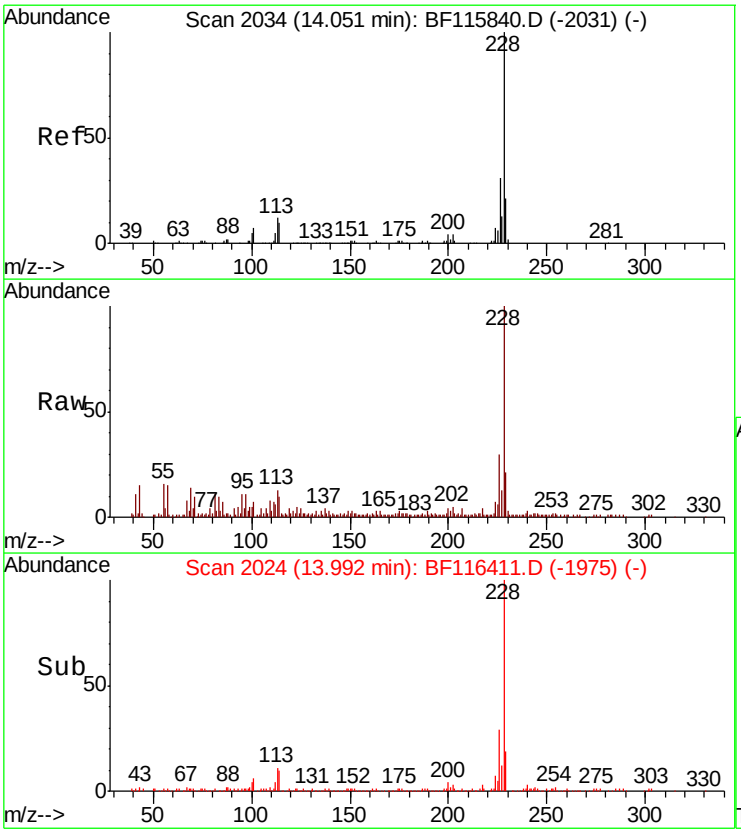
#81
Benzo(a)anthracene
Concen: 5.794 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:228 Resp: 94720

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	21.0	16.2	24.4

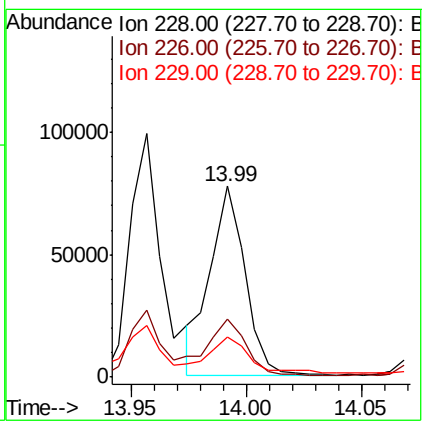


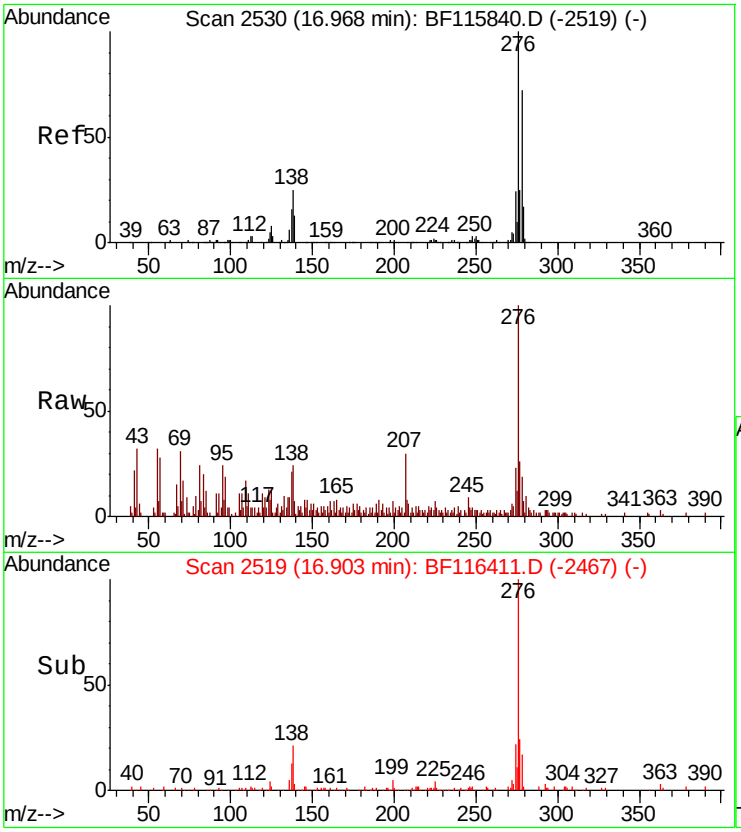


#83
Chrysene
Concen: 5.096 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:228 Resp: 80874

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.5	38.3
229	21.2	16.6	24.8



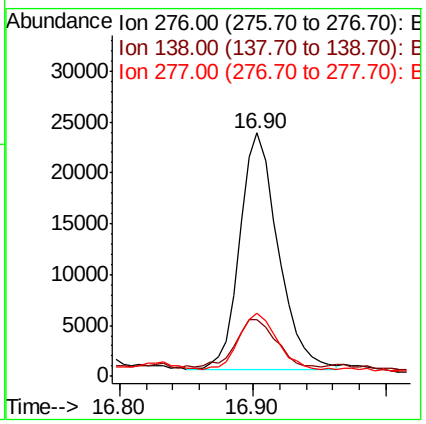


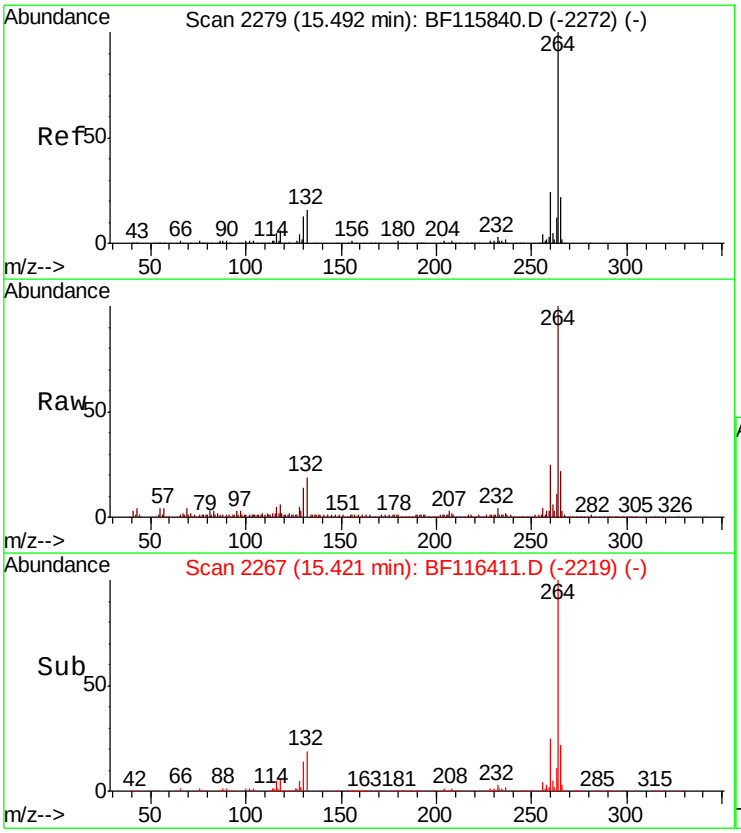
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.495 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:276 Resp: 46593

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.4	30.6
277	23.1	20.0	30.0

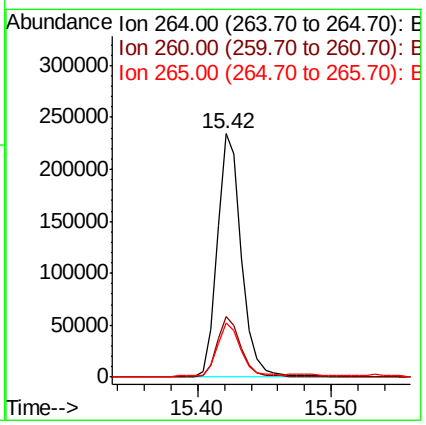


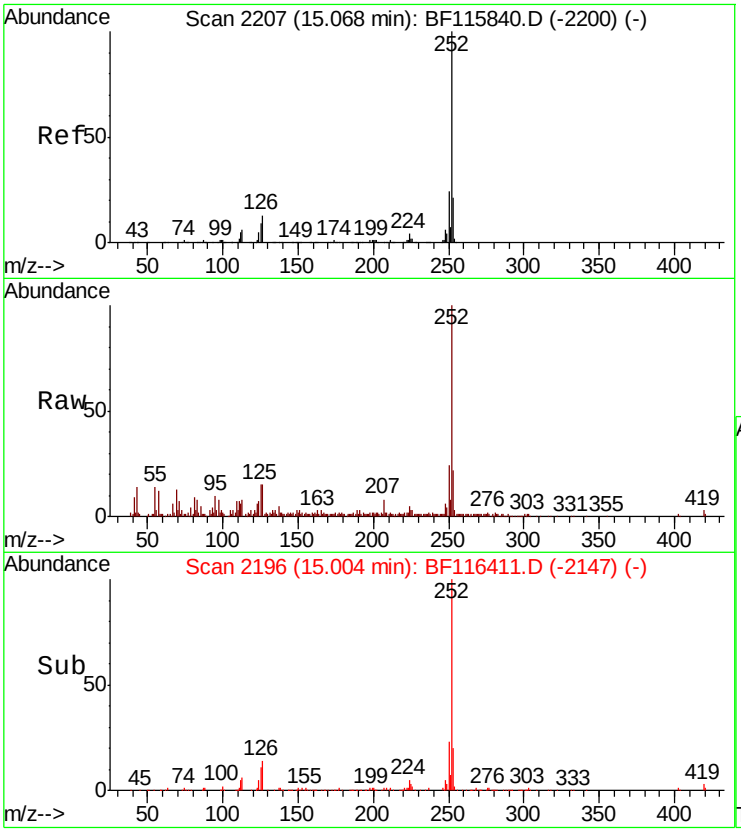


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:264 Resp: 295975

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.4	17.4	26.0



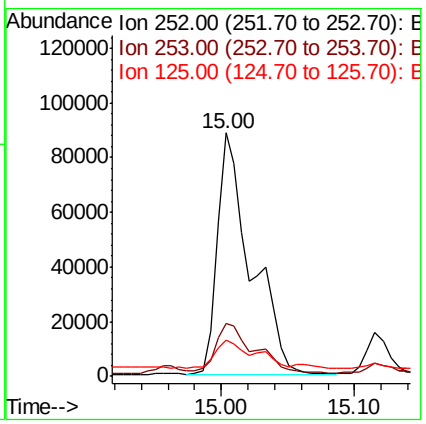


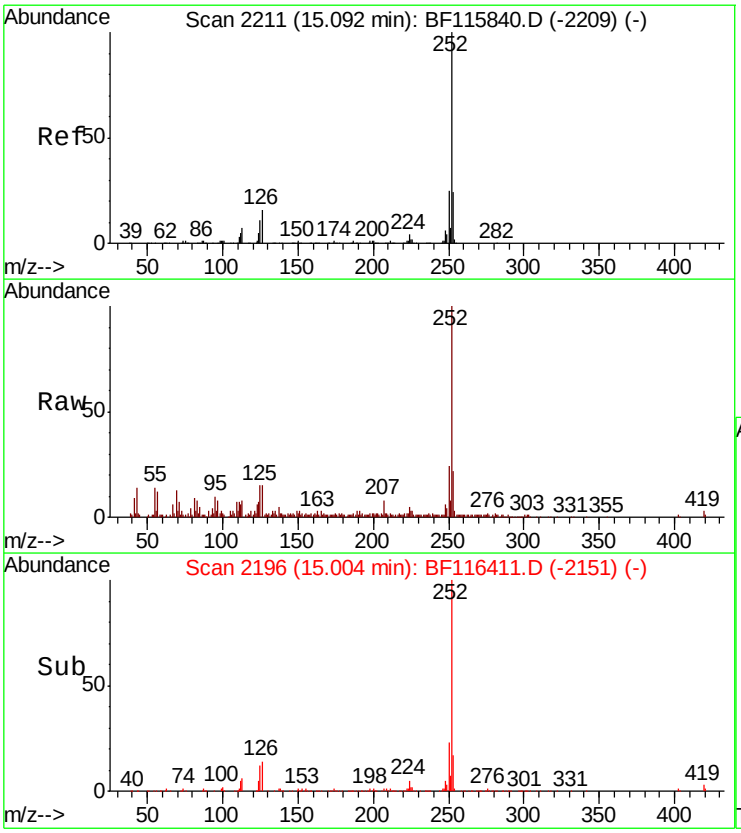
#88
Benzo(b)fluoranthene
Concen: 9.060 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:252 Resp: 155058

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	14.9	8.4	12.6#

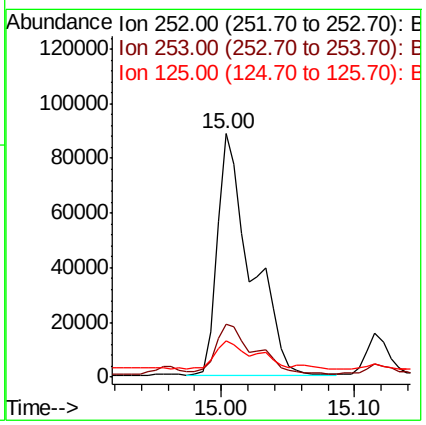


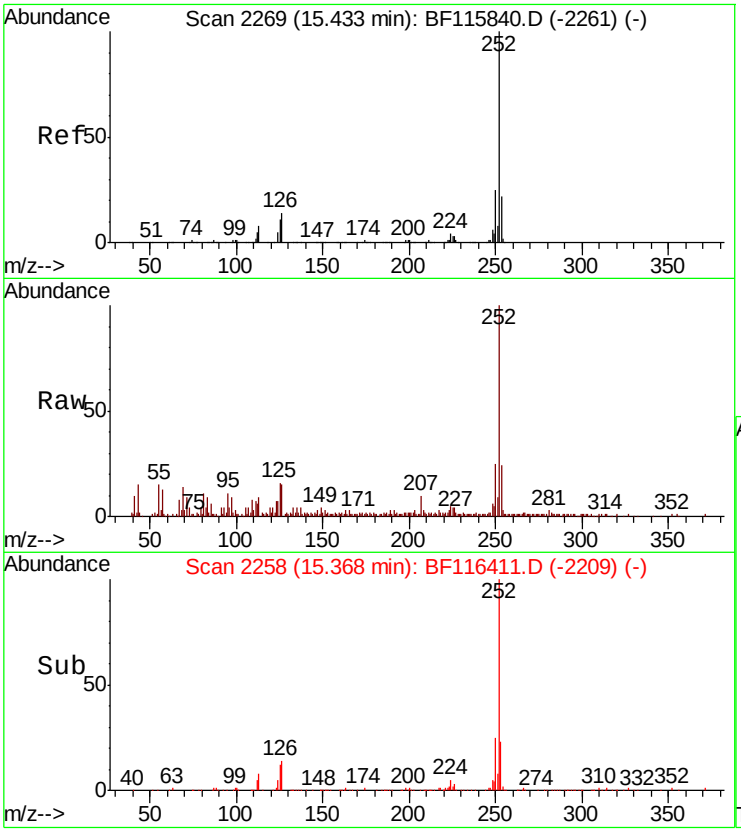


#89
Benzo(k)fluoranthene
Concen: 9.302 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:252 Resp: 155058

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	14.9	7.7	11.5#



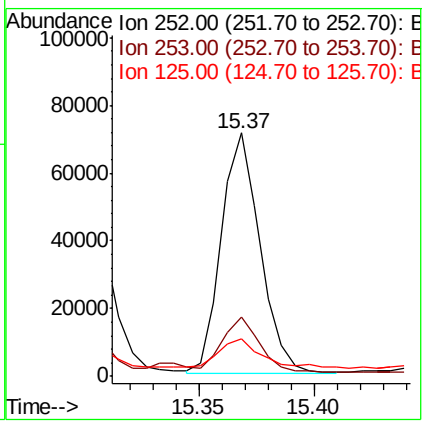


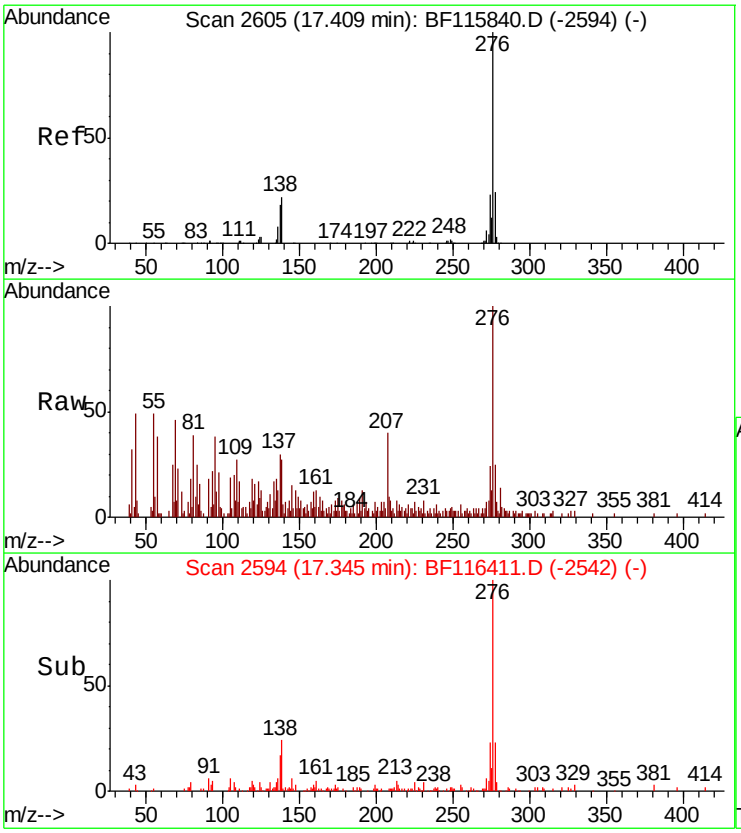
#90
Benzo(a)pyrene
Concen: 5.454 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Instrument :
BNA_F
ClientSampleId :
SP-9

Tgt Ion:252 Resp: 83437

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	15.5	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 3.239 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BF116411.D
Acq: 20 Aug 2019 1:59

Tgt Ion:276 Resp: 42118

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	27.4	17.0	25.6#