Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116388.D
Acq On : 19 Aug 2019 14:30
Operator : HP/JU
Sample : K4223-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-14

Quant Time: Aug 19 16:17:48 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	133070	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	497866	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	245673	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	345498	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	221050	20.00	ng		-0.02
87) Perylene-d12	15.42	264	249277	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	866075	108.95	ng		0.00
7) Phenol-d6	6.45	99	1109592	110.64	ng		-0.01
23) Nitrobenzene-d5	7.37	82	706484	81.91	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	224629	94.31	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1007995	76.85	ng		-0.01
79) Terphenyl-d14	12.90	244	733511	69.92	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.46	94	28040	2.374	ng		83
19) n-Nitroso-di-n-propylamine	7.37	70	94537	15.212	ng	#	80
25) Isophorone	7.37	82	706484	42.837	ng	#	65
50) Dimethylphthalate	9.55	163	235438	14.075	ng		100
57) 2,4-Dinitrotoluene	9.83	165	32292	6.672	ng	#	21
67) 4-Bromophenyl-phenylether	10.63	248	14059	3.801	ng	#	1
71) Phenanthrene	11.35	178	349569	19.791	ng		99
72) Anthracene	11.40	178	86622	4.846	ng		98
75) Fluoranthene	12.54	202	607577	32.858	ng		100
78) Pyrene	12.77	202	533366	32.009	ng		99
81) Benzo(a)anthracene	13.96	228	344555	24.387	ng		98
83) Chrysene	13.99	228	318757	23.238	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	91782	7.967	ng		95
88) Benzo(b)fluoranthene	15.00	252	404506	28.064	ng	#	96
89) Benzo(k)fluoranthene	15.00	252	404506	28.813	ng	#	95
90) Benzo(a)pyrene	15.37	252	209516	16.261	ng		97
91) Dibenzo(a,h)anthracene	16.90	278	25174	2.257	ng	#	81
92) Benzo(g,h,i)perylene	17.35	276	86183	7.868	ng	#	91

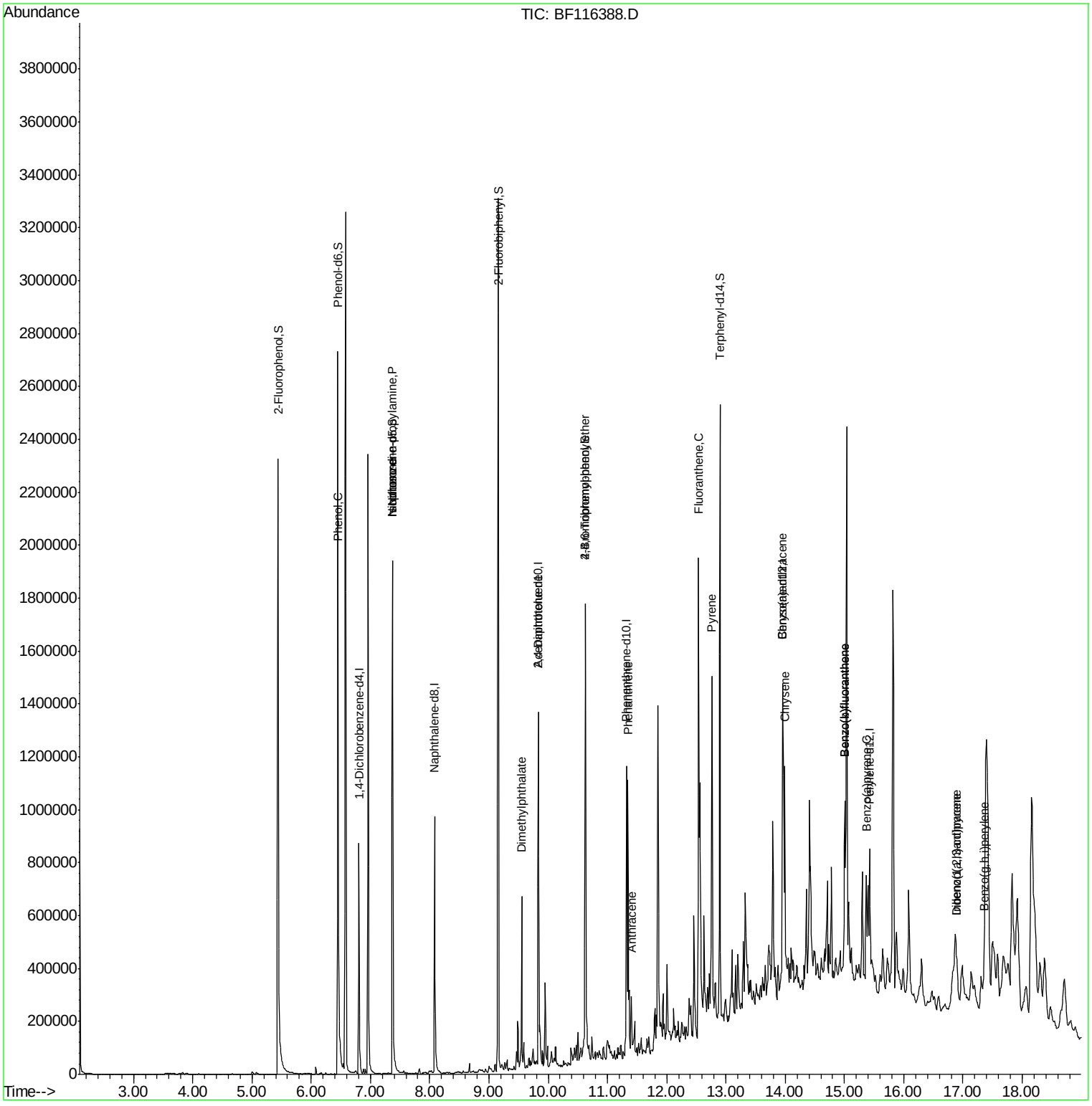
(#) = qualifier out of range (m) = manual integration (+) = signals summed

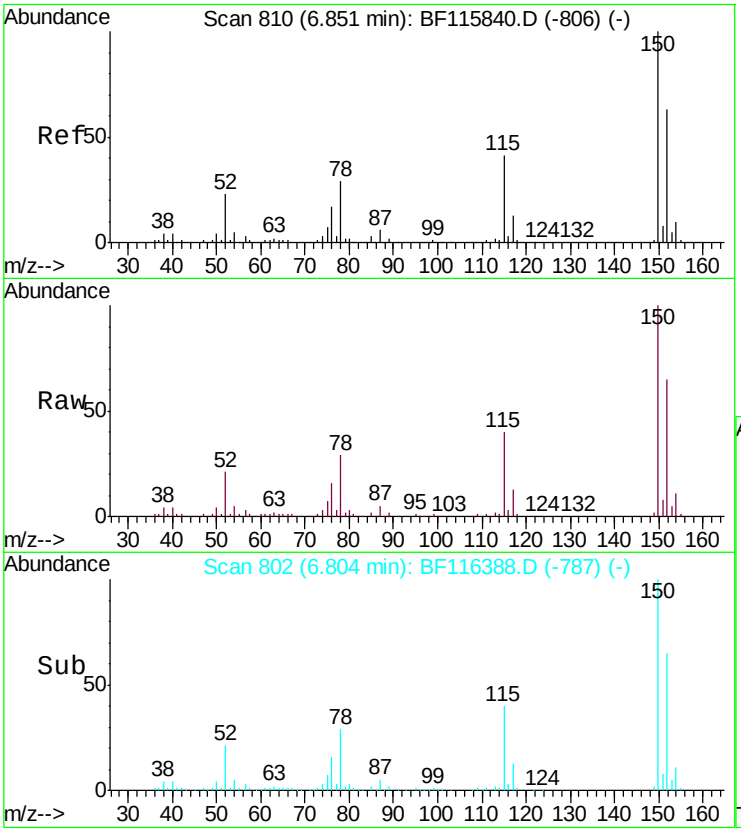
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116388.D
Acq On : 19 Aug 2019 14:30
Operator : HP/JU
Sample : K4223-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-14

Quant Time: Aug 19 16:17:48 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



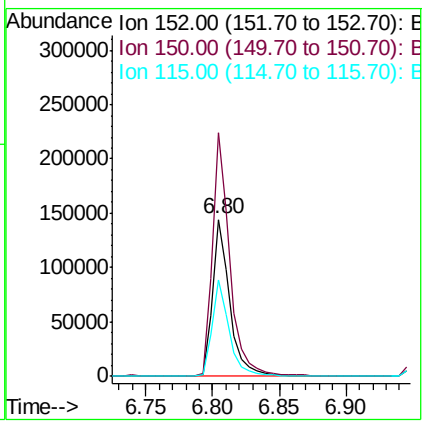


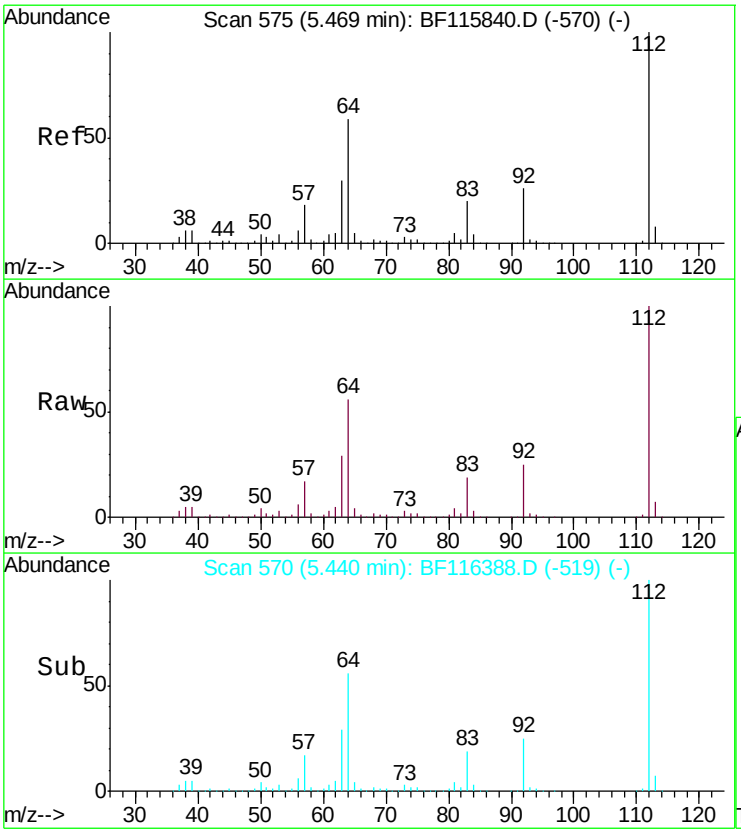
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:152 Resp: 133070

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	61.3	49.9	74.9

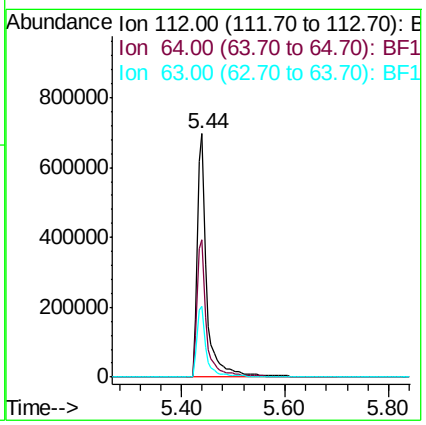


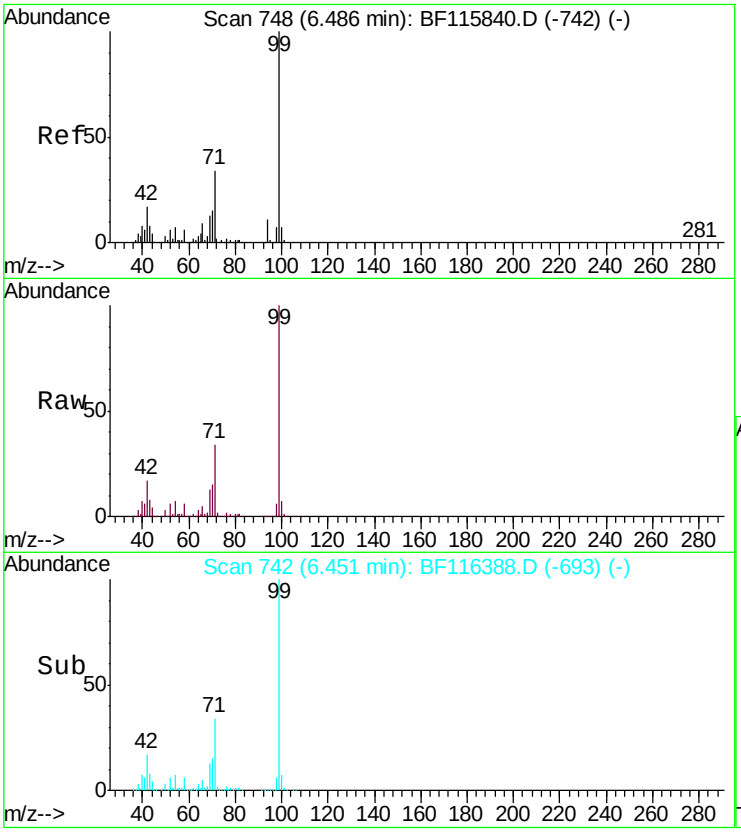


#5
2-Fluorophenol
Concen: 108.955 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:112 Resp: 866075

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.4	68.2
63	29.0	23.7	35.5



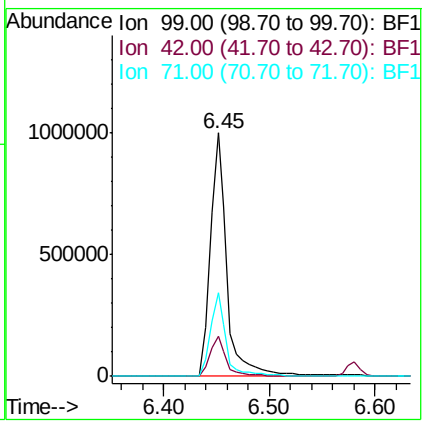


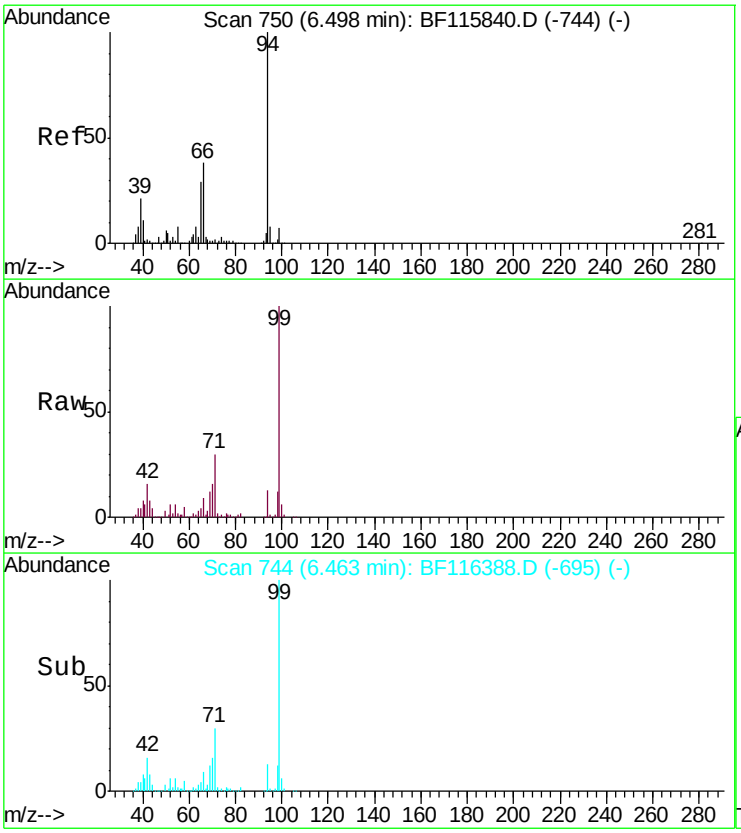
#7
Phenol-d6
Concen: 110.639 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion: 99 Resp: 1109592

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	34.4	27.3	40.9

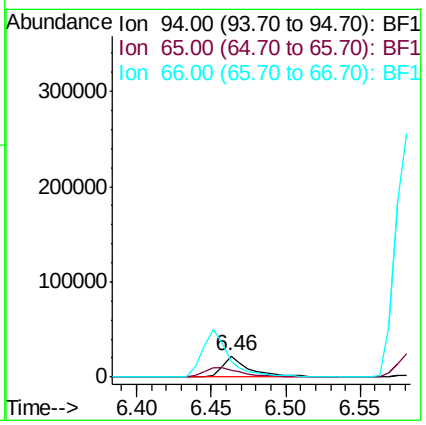


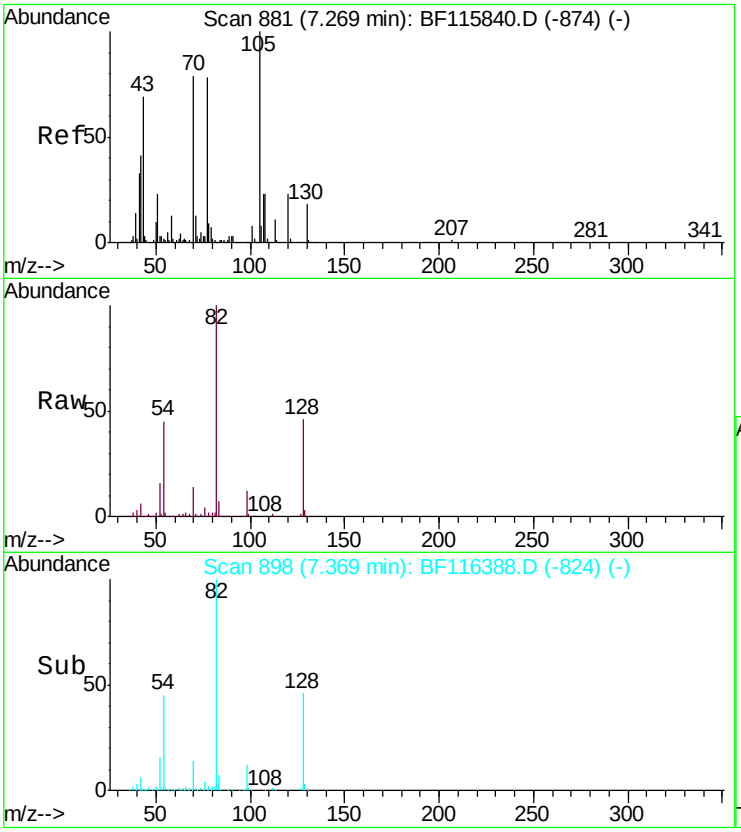


#10
Phenol
Concen: 2.374 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion: 94 Resp: 28040

Ion	Ratio	Lower	Upper
94	100		
65	33.1	16.8	56.8
66	71.4	34.2	74.2



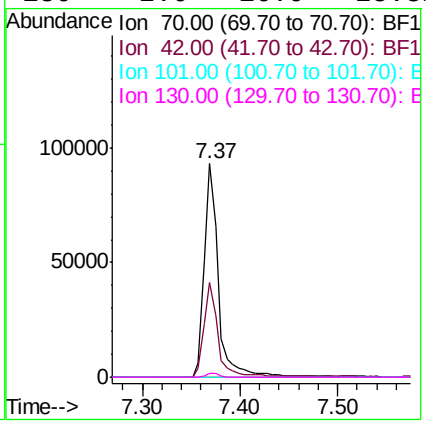


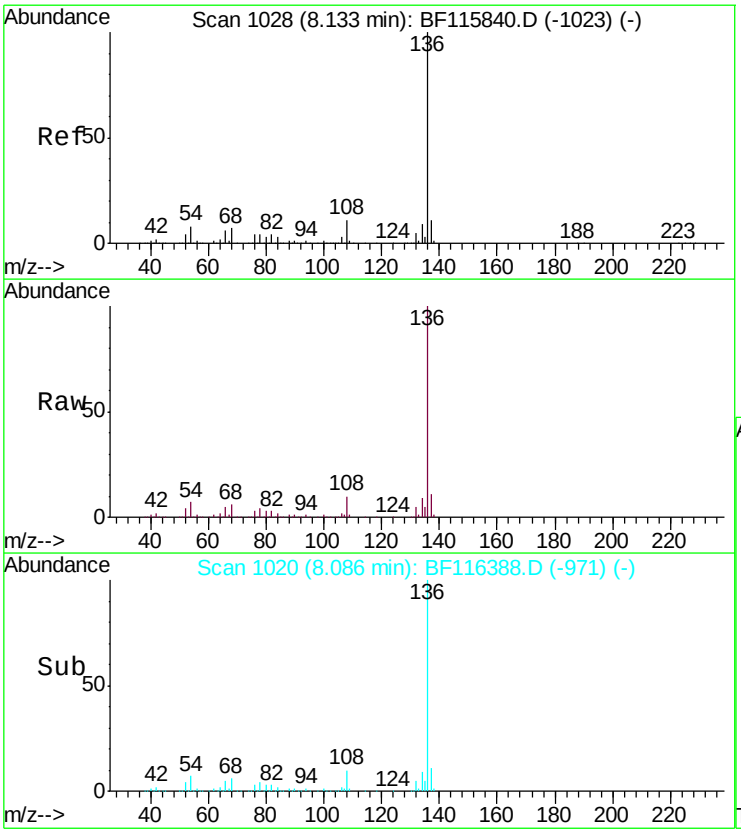
#19
n-Nitroso-di-n-propylamine
Concen: 15.212 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion: 70 Resp: 94537

Ion	Ratio	Lower	Upper
70	100		
42	44.3	40.9	61.3
101	0.0	7.9	11.9#
130	2.0	16.9	25.3#

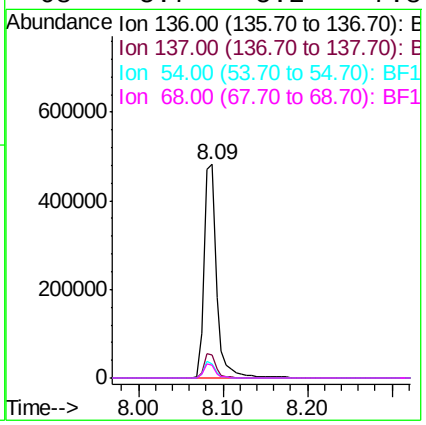


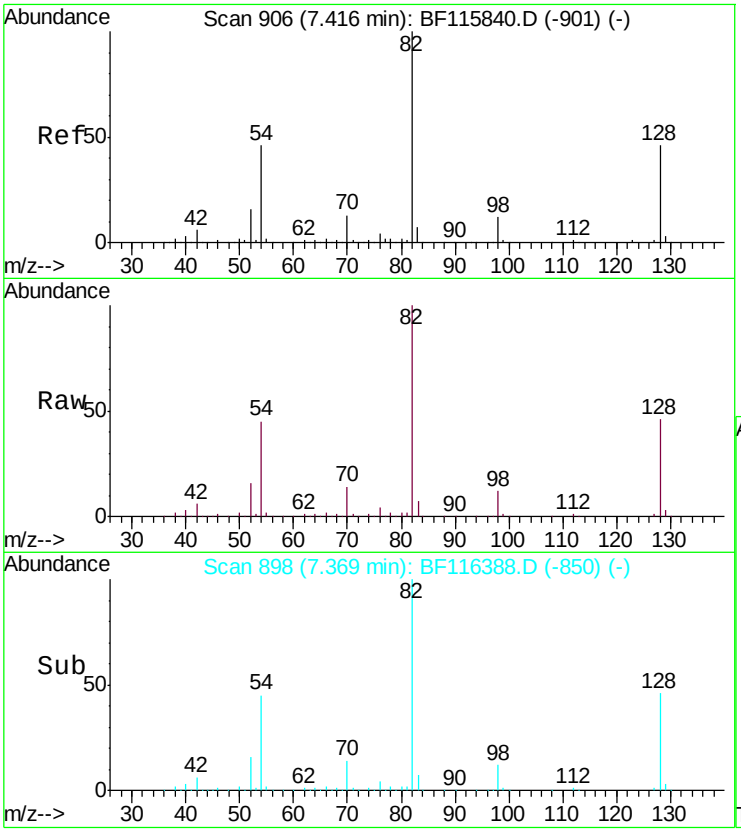


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:136 Resp: 497866

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	5.7	5.2	7.8



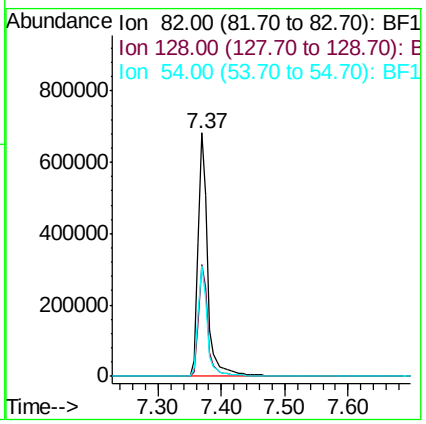


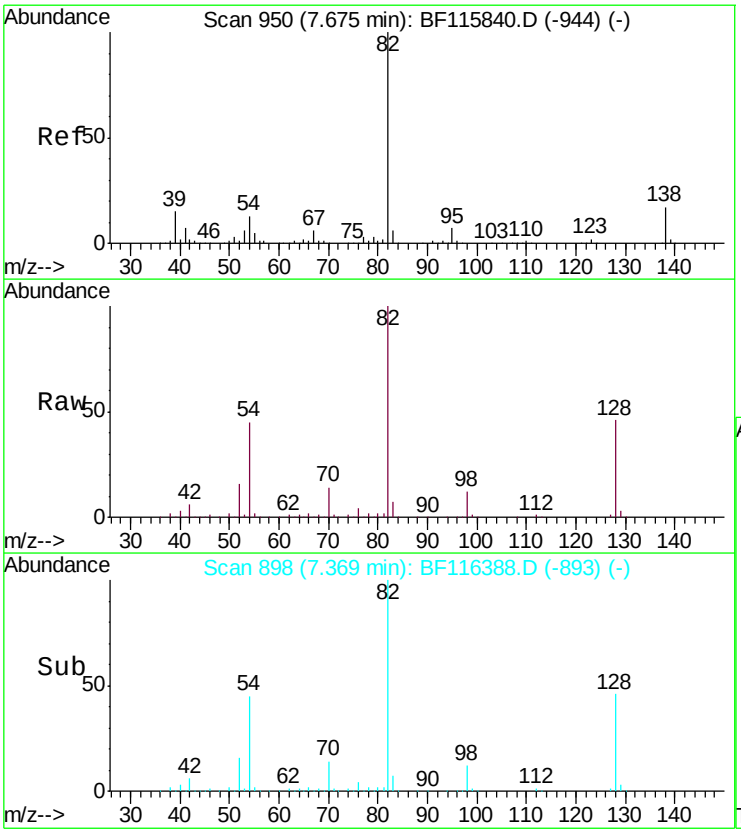
#23
Nitrobenzene-d5
Concen: 81.910 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion: 82 Resp: 706484

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	45.3	36.0	54.0

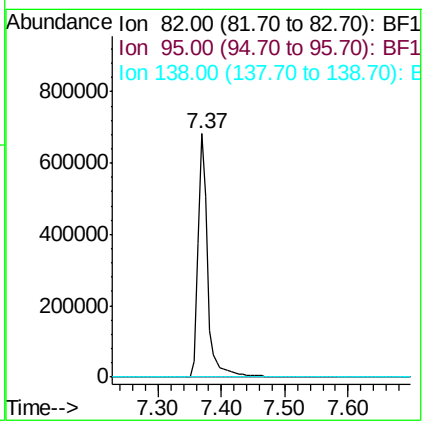


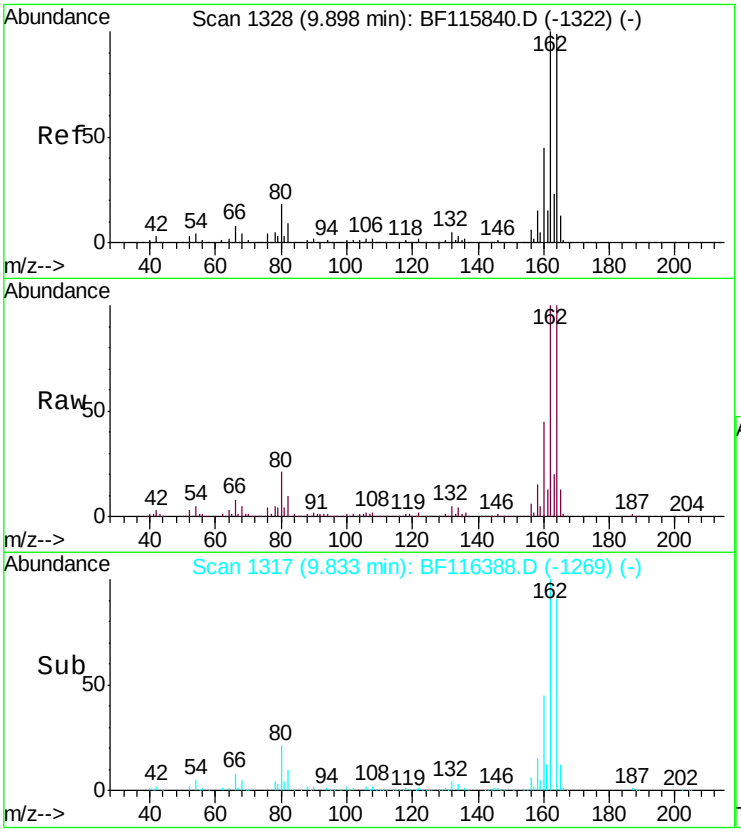


#25
Isophorone
Concen: 42.837 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion: 82 Resp: 706484

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



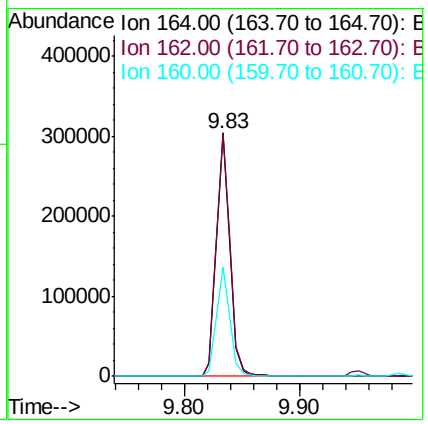


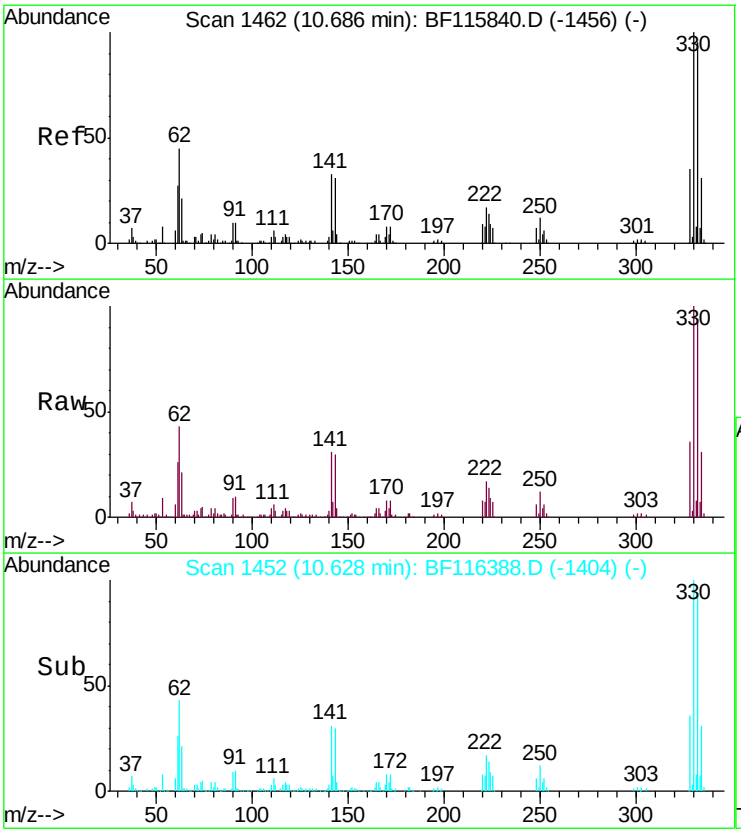
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:164 Resp: 245673

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	44.9	37.6	56.4

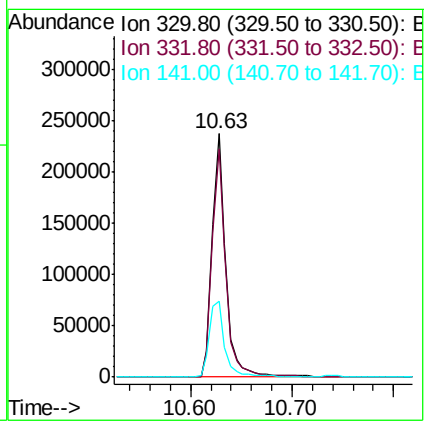


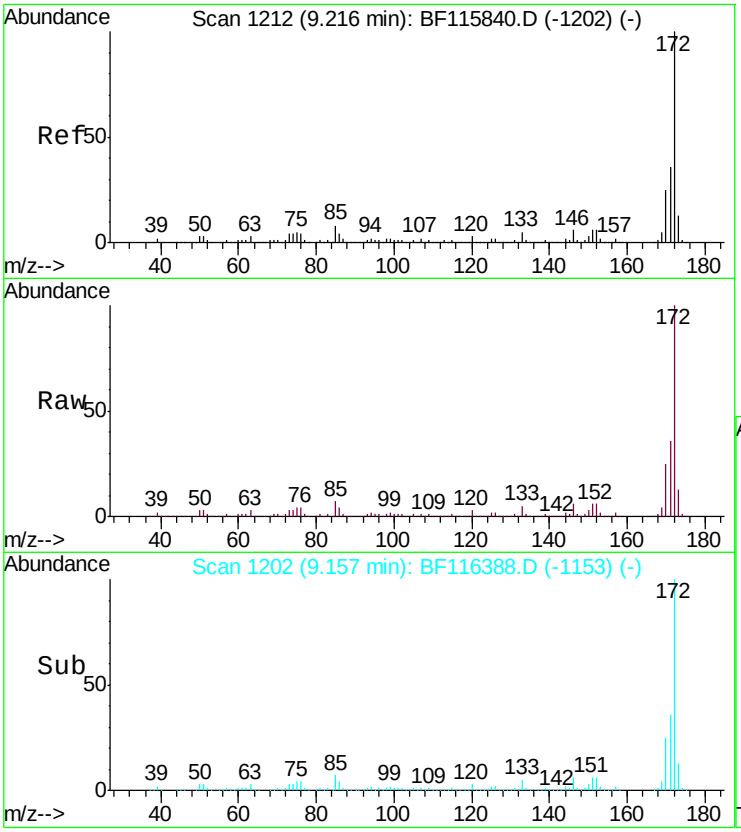


#42
2,4,6-Tribromophenol
Concen: 94.308 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:330 Resp: 224629

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	35.7	26.3	39.5



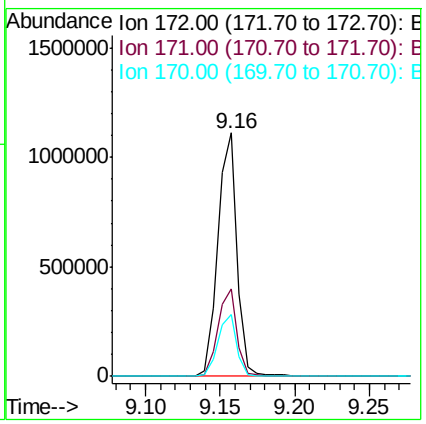


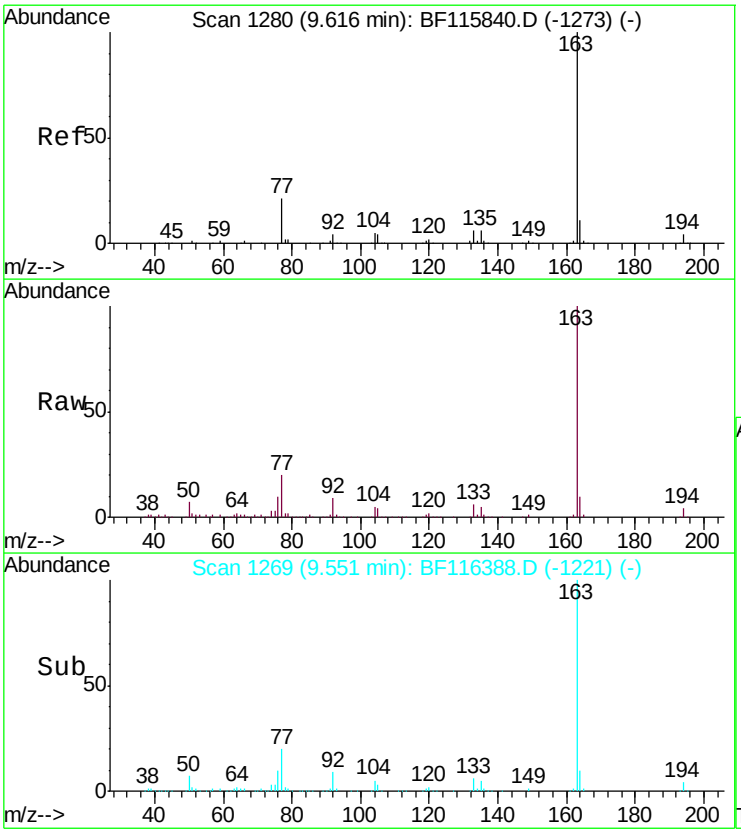
#45
2-Fluorobiphenyl
Concen: 76.852 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:172 Resp: 1007995

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	25.3	20.1	30.1

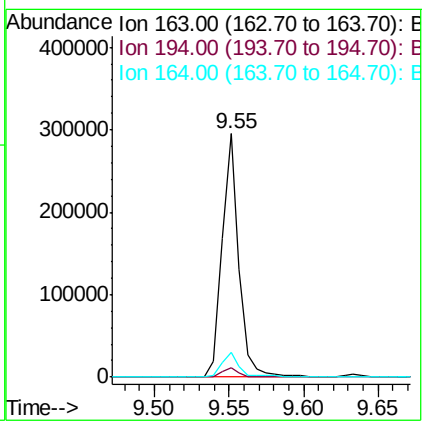


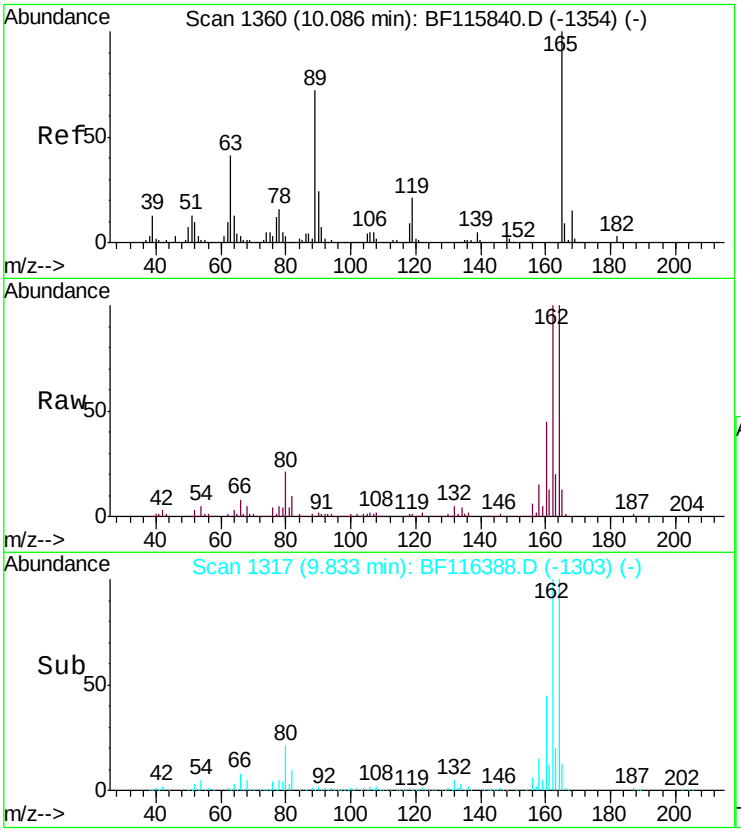


#50
Dimethylphthalate
Concen: 14.075 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:163 Resp: 235438

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.4	12.6



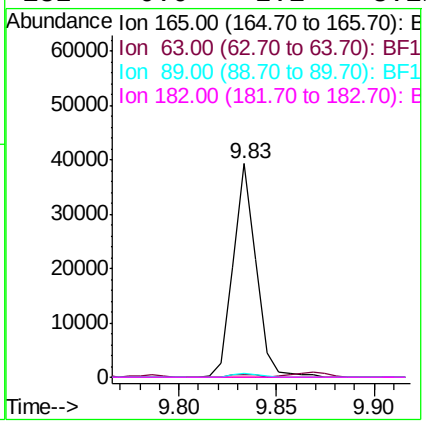


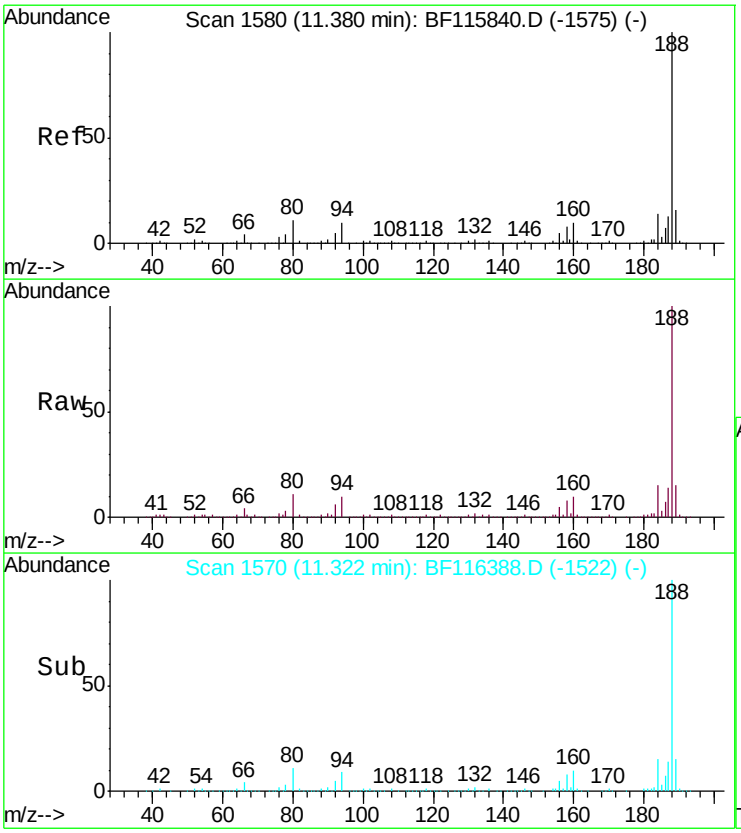
#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:165 Resp: 32292

Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.6	59.4#
89	1.8	62.2	93.2#
182	0.0	2.1	3.1#

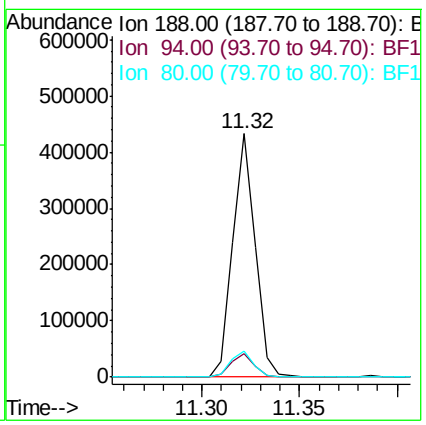


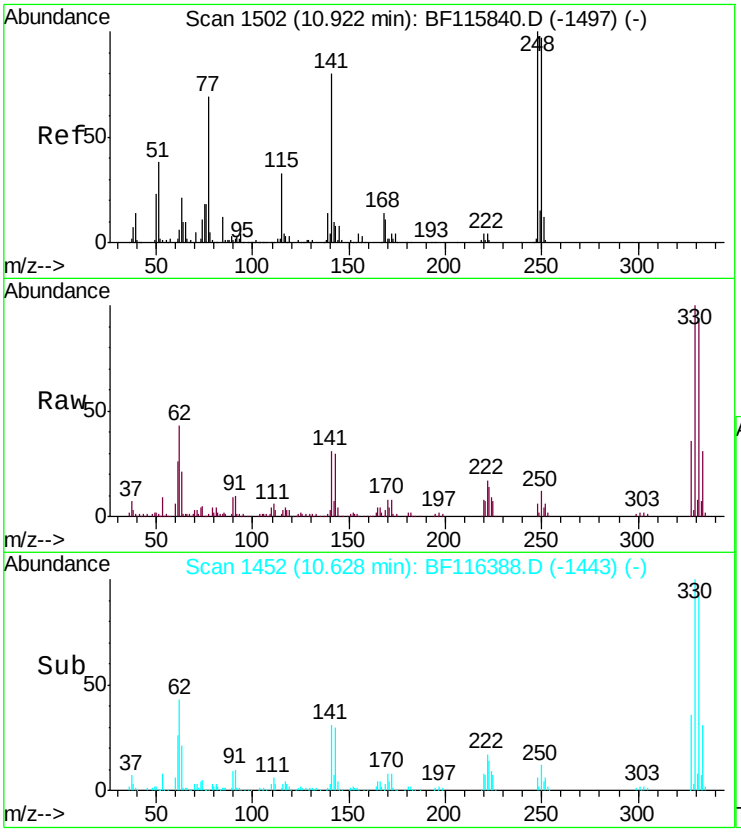


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:188 Resp: 345498

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.7	8.7	13.1



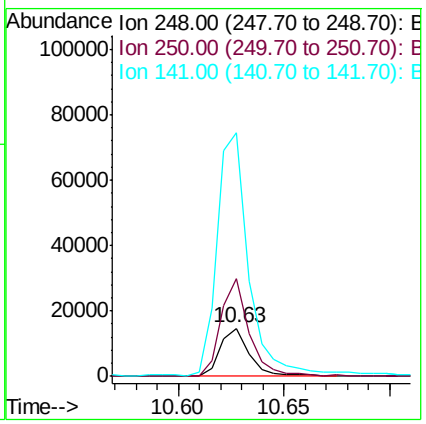


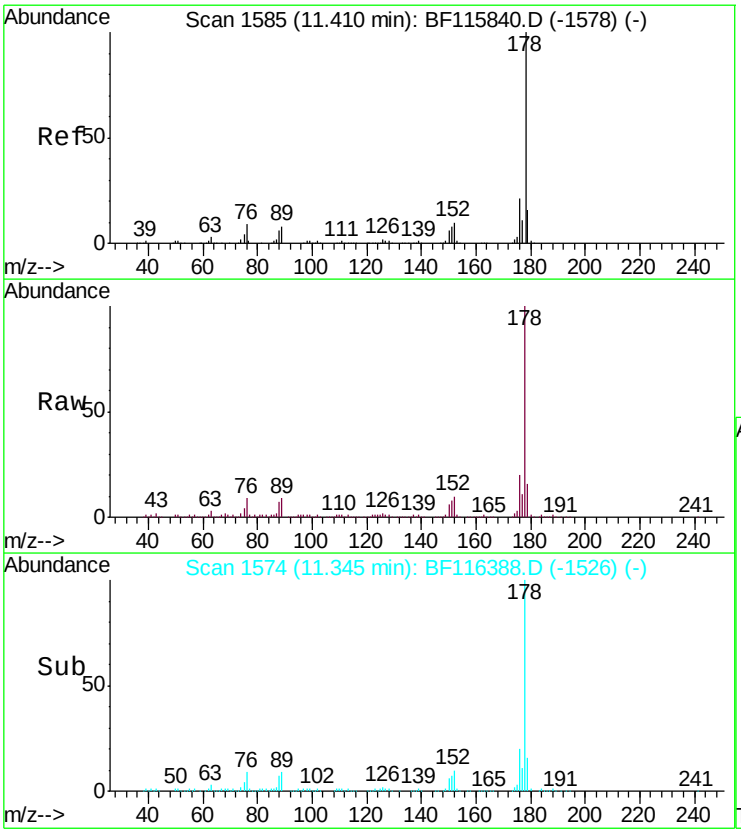
#67
4-Bromophenyl-phenylether
Concen: 3.801 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:248 Resp: 14059

Ion	Ratio	Lower	Upper
248	100		
250	202.9	77.4	116.2#
141	508.7	56.8	85.2#

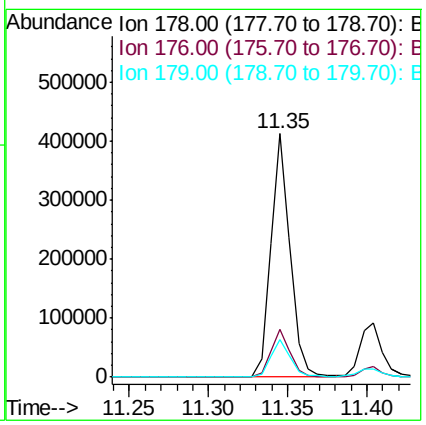


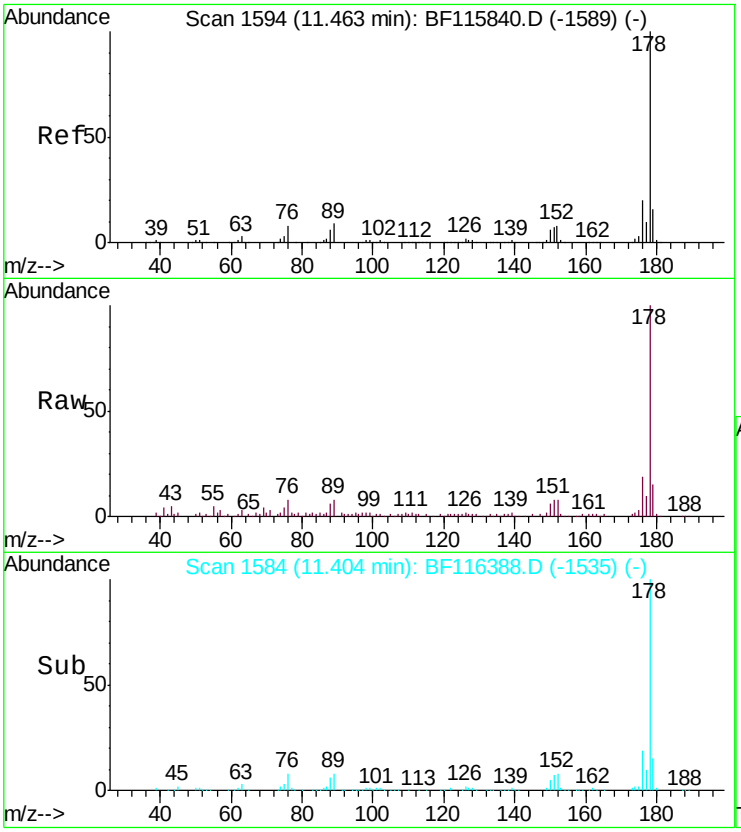


#71
Phenanthrene
Concen: 19.791 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:178 Resp: 349569

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



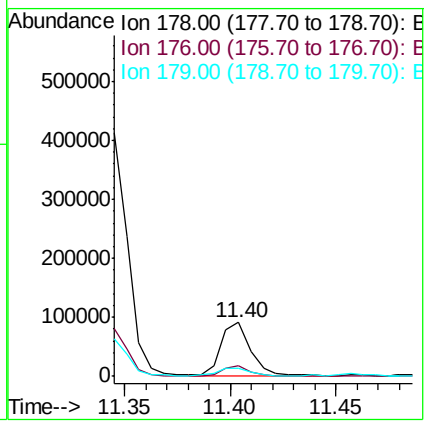


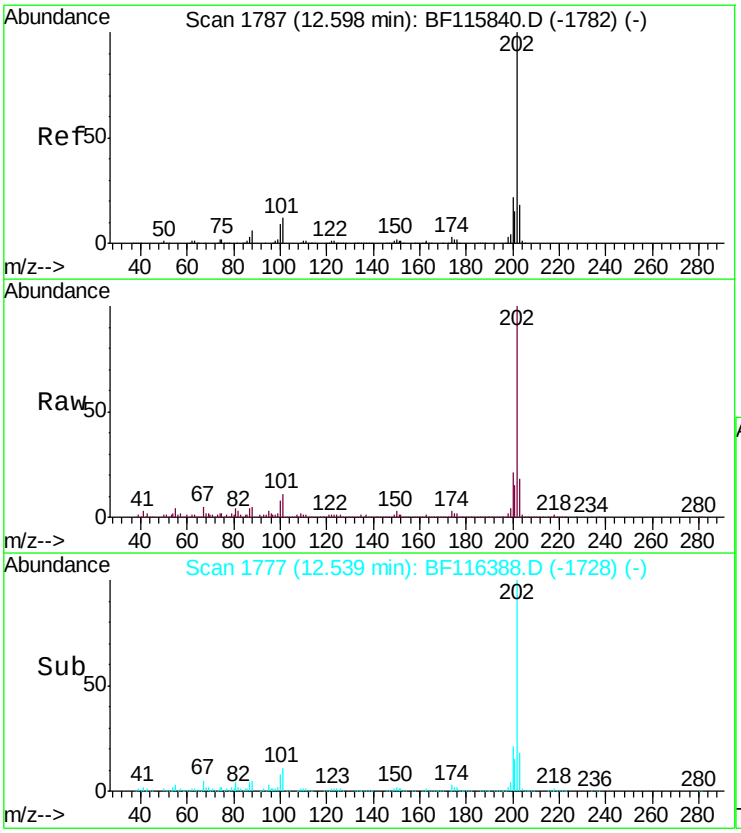
#72
Anthracene
Concen: 4.846 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:178 Resp: 86622

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.4	13.0	19.6

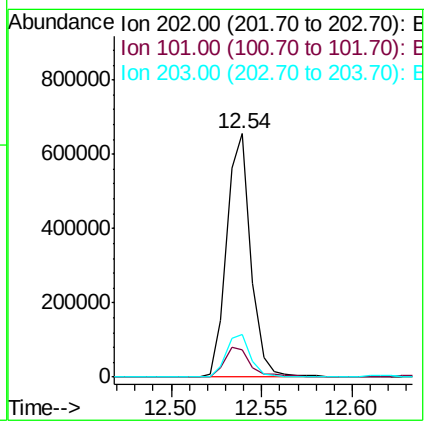


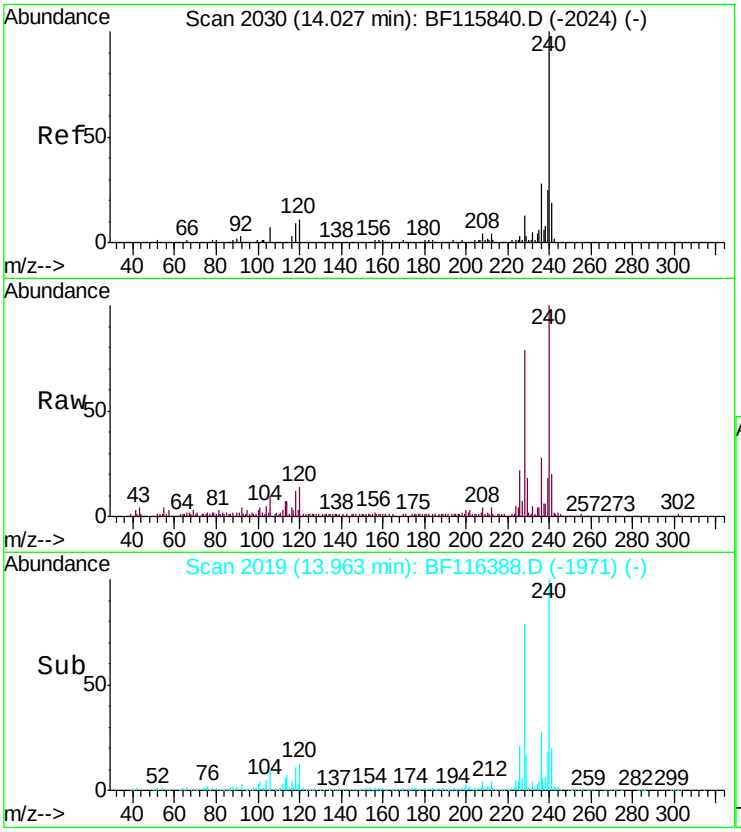


#75
Fluoranthene
Concen: 32.858 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:202 Resp: 607577

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
203	17.7	0.0	37.8



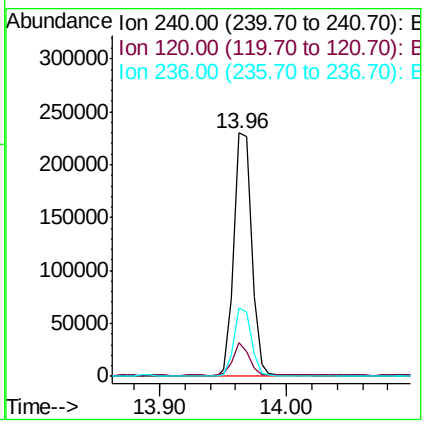


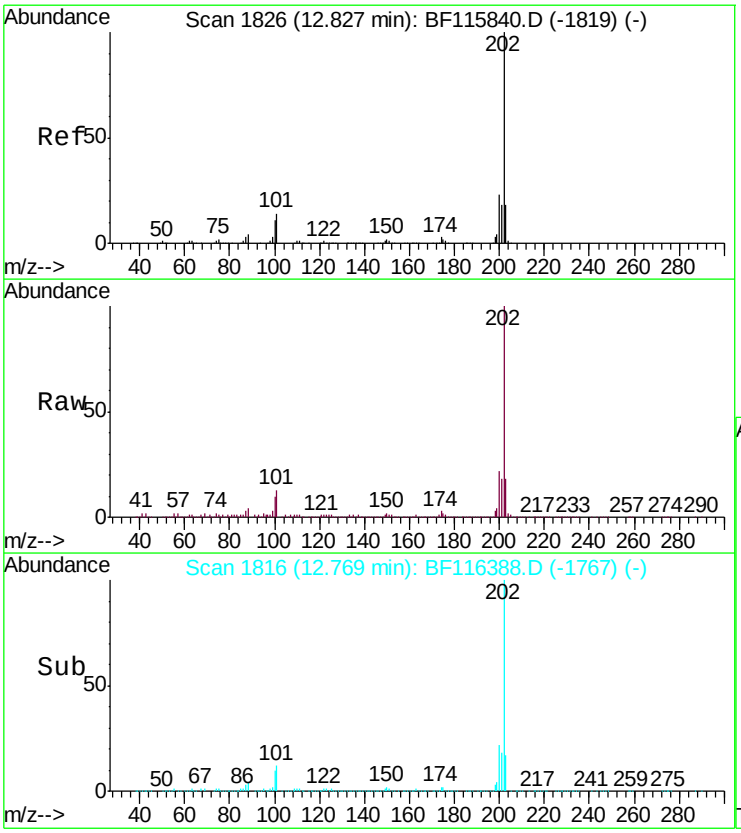
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:240 Resp: 221050

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.7	16.1
236	27.9	22.2	33.2

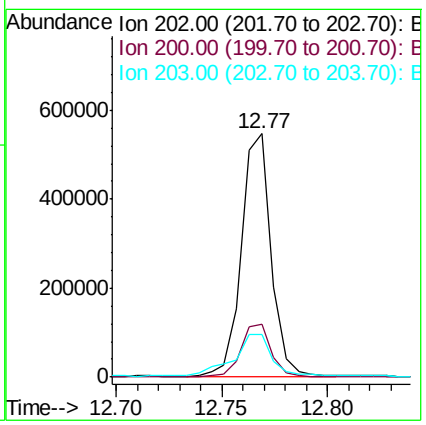


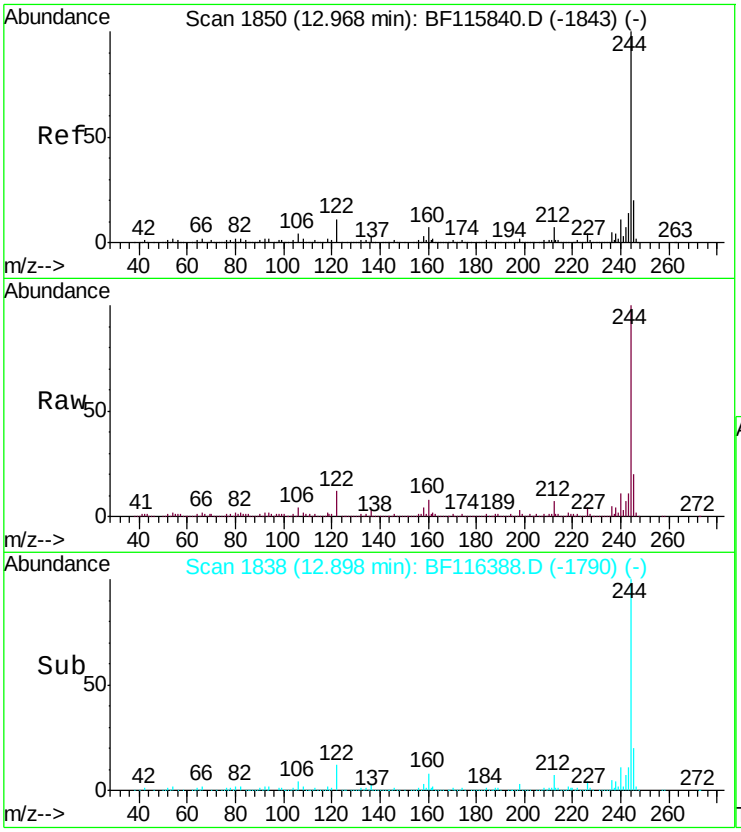


#78
Pyrene
Concen: 32.009 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:202 Resp: 533366

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.7	14.1	21.1



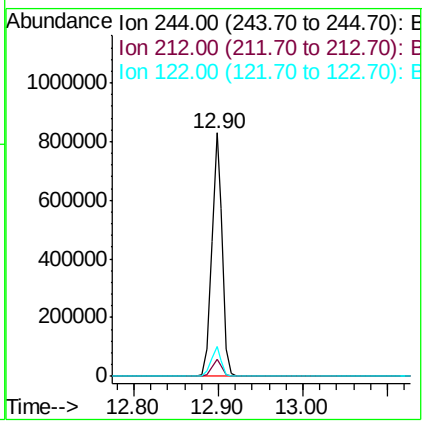


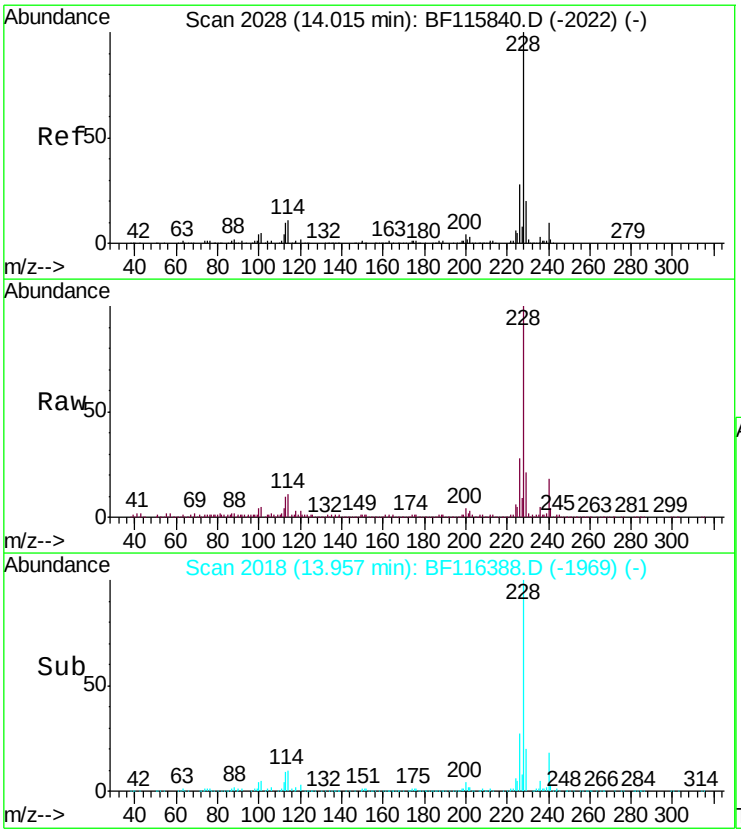
#79
Terphenyl-d14
Concen: 69.922 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:244 Resp: 733511

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.2	9.0	13.4

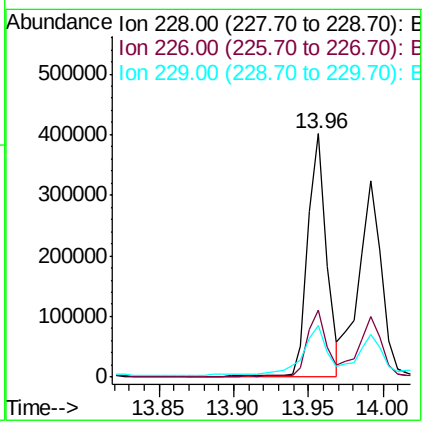


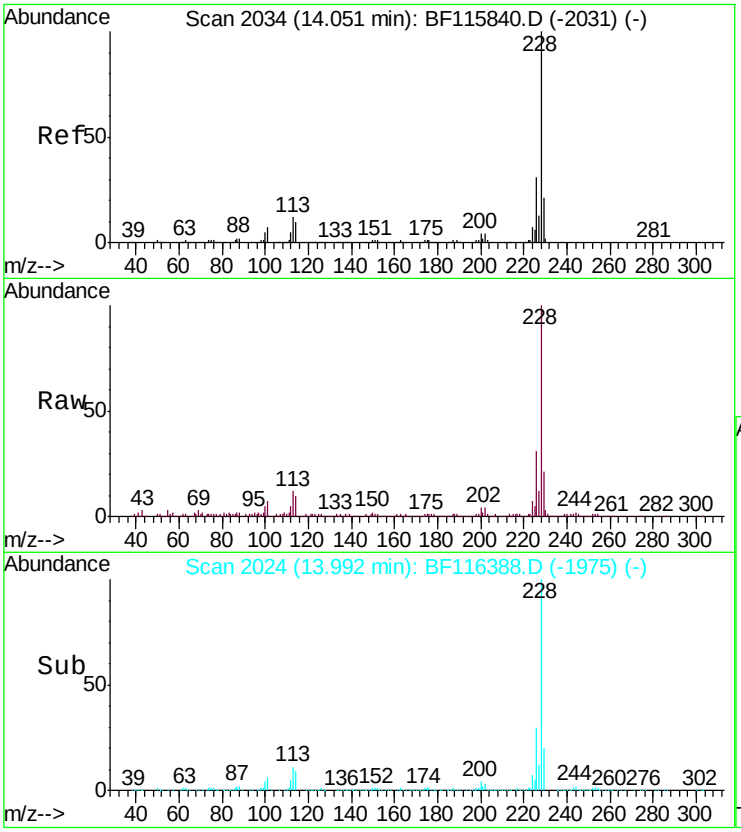


#81
Benzo(a)anthracene
Concen: 24.387 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:228 Resp: 344555

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	21.5	16.2	24.4



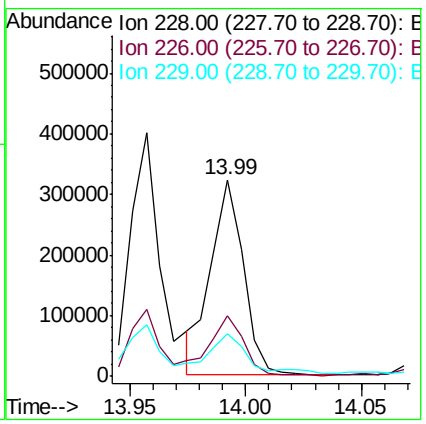


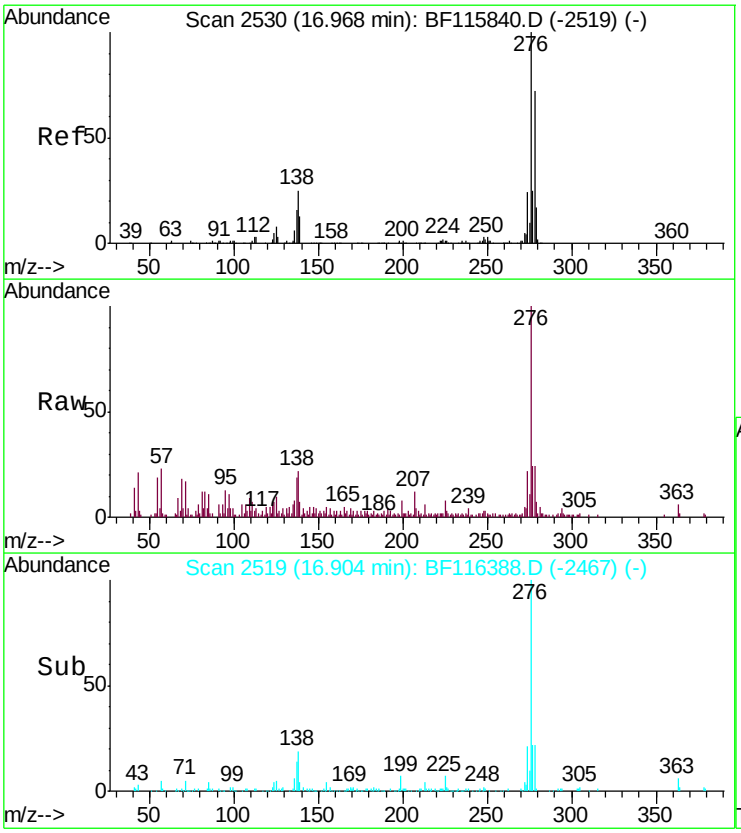
#83
Chrysene
Concen: 23.238 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:228 Resp: 318757

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	21.5	16.6	24.8

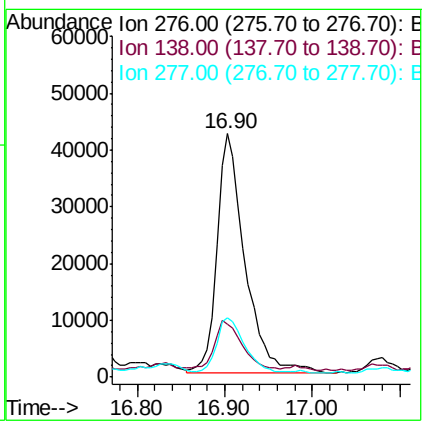


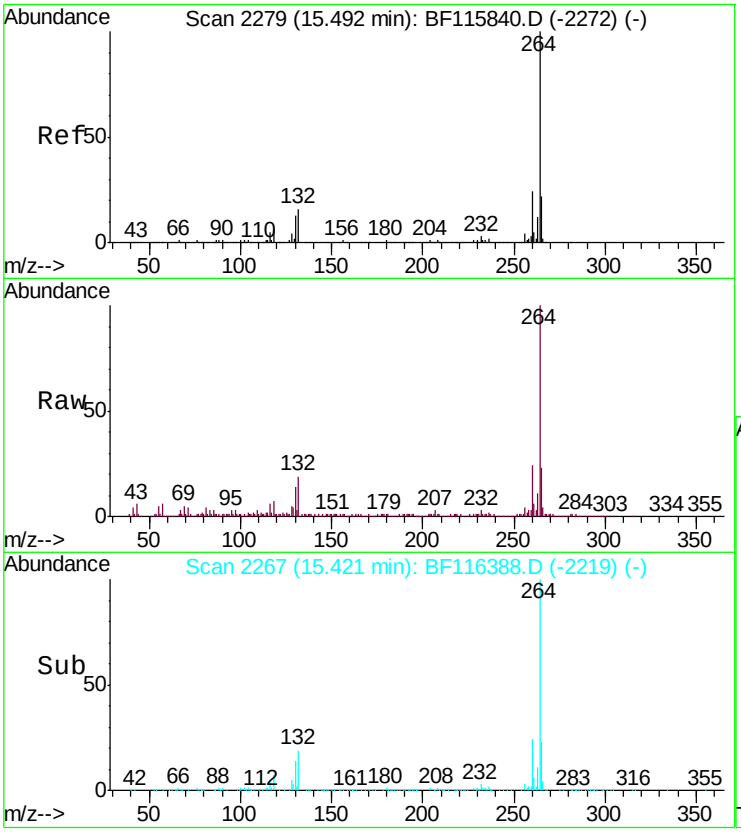


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.967 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:276 Resp: 91782

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.4	30.6
277	23.5	20.0	30.0



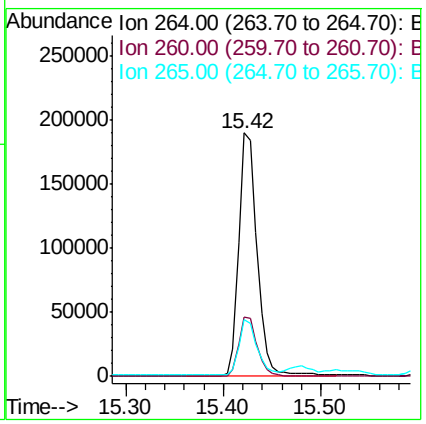


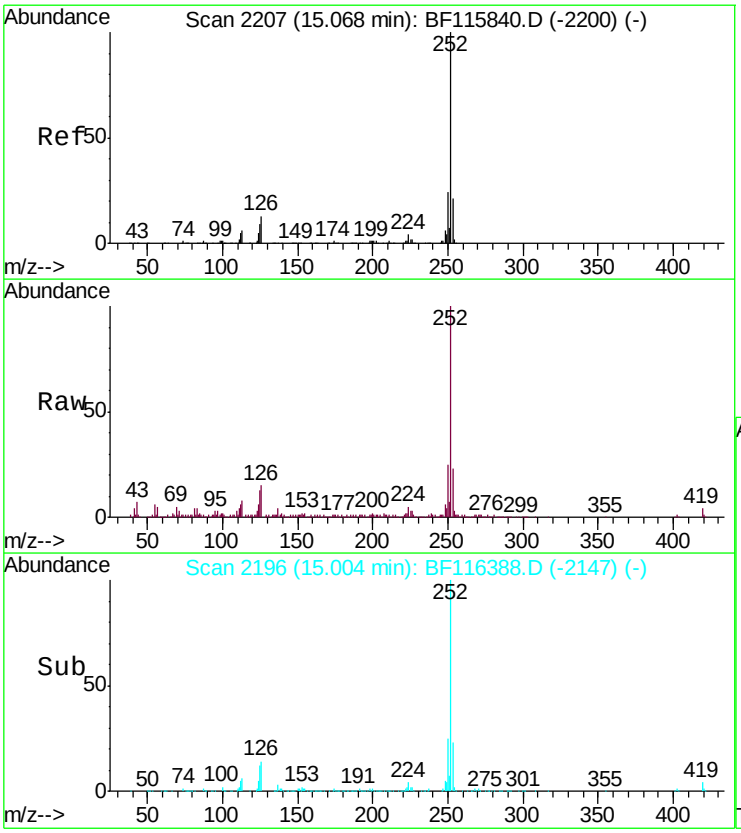
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:264 Resp: 249277

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	23.3	17.4	26.0

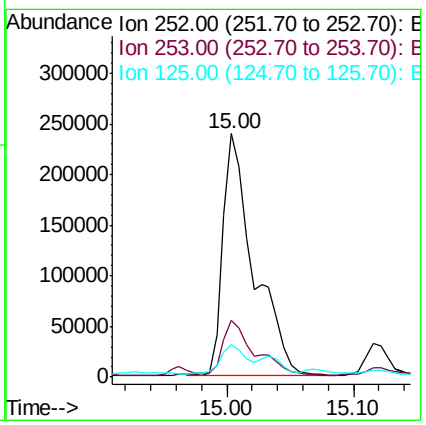


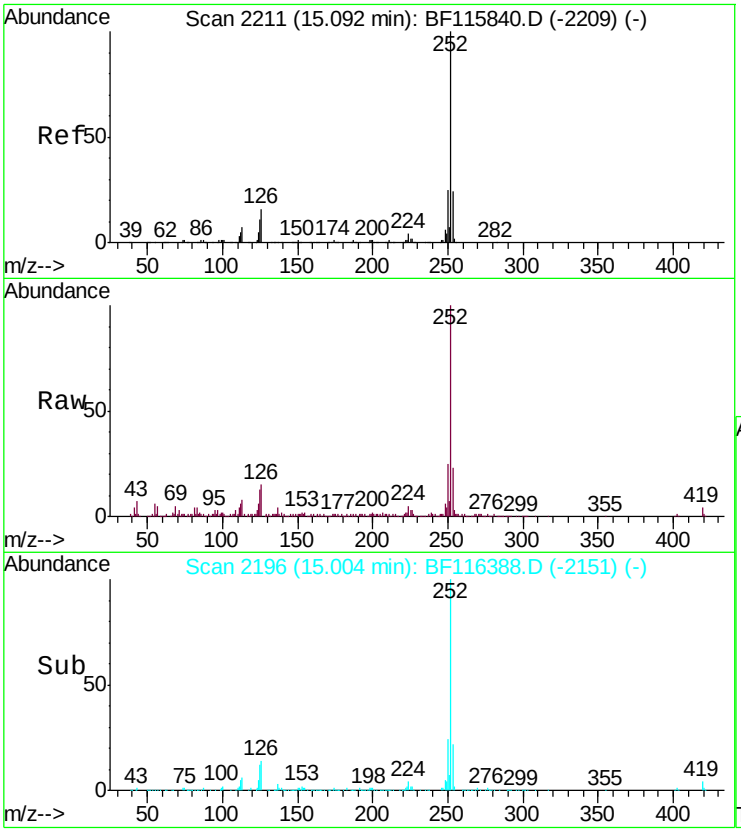


#88
Benzo(b)fluoranthene
Concen: 28.064 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:252 Resp: 404506

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	13.4	8.4	12.6#



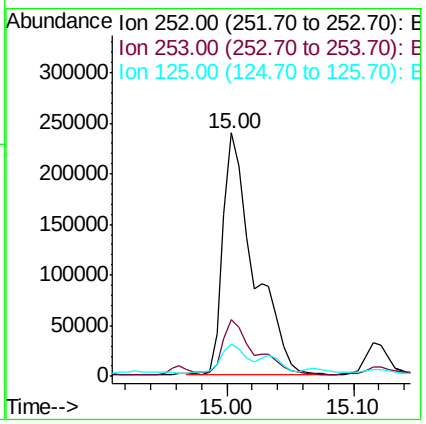


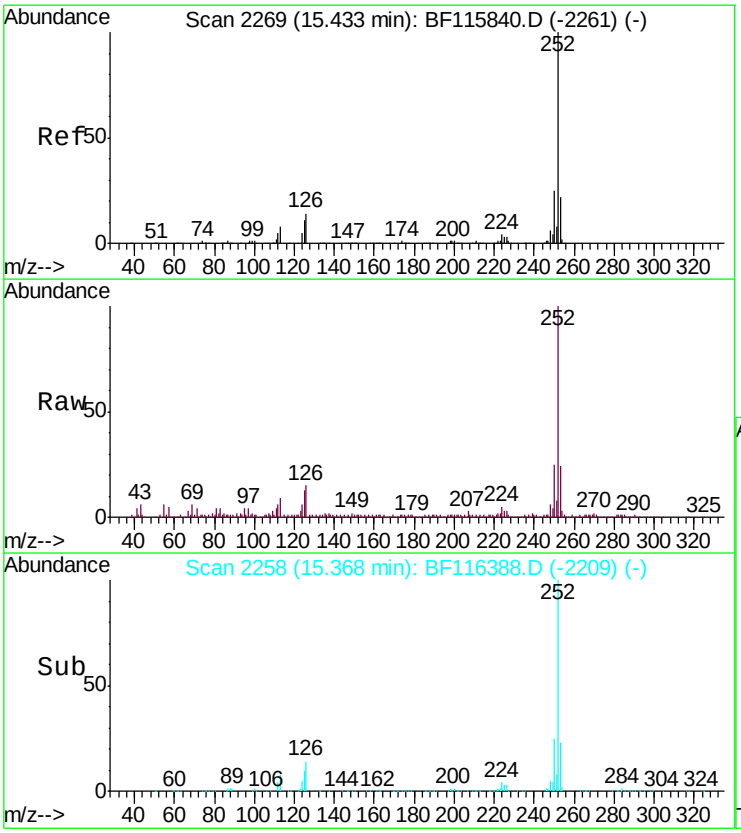
#89
Benzo(k)fluoranthene
Concen: 28.813 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:252 Resp: 404506

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	13.4	7.7	11.5#

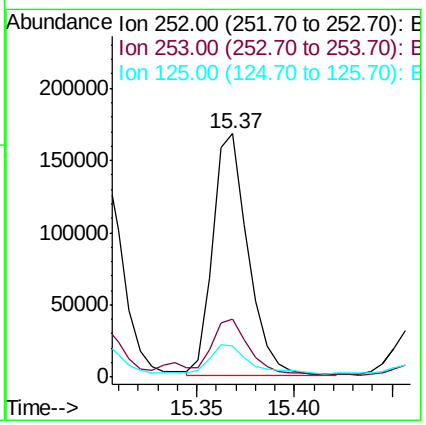


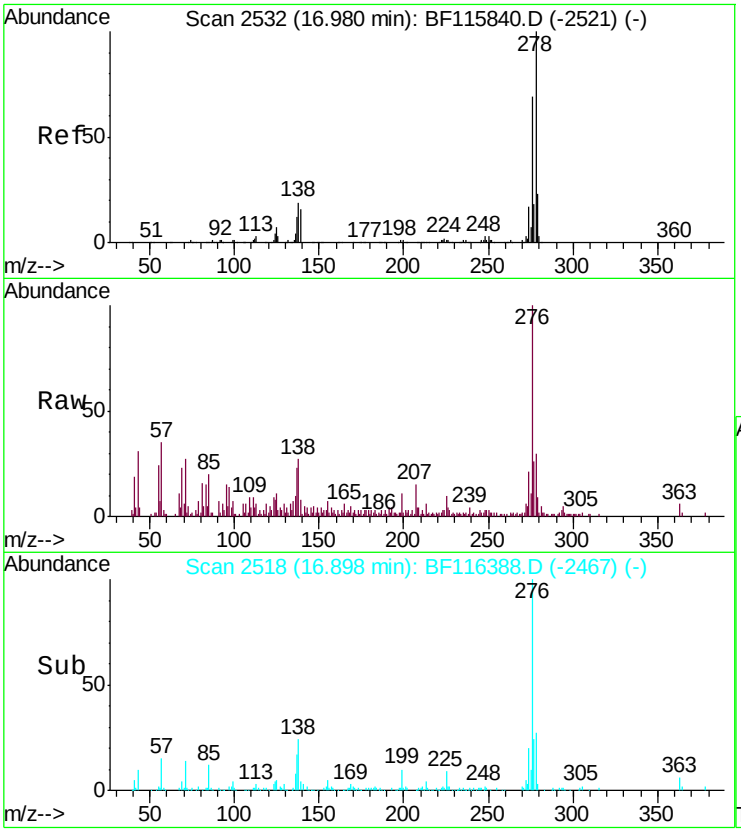


#90
Benzo(a)pyrene
Concen: 16.261 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:252 Resp: 209516

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.1	8.9	13.3



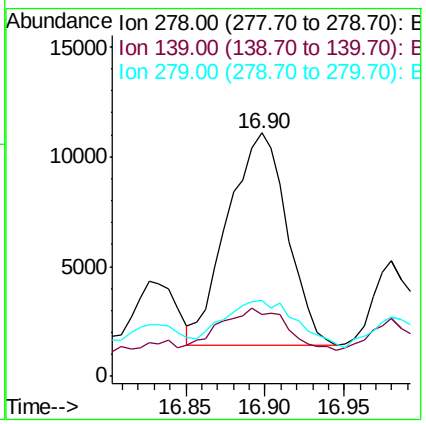


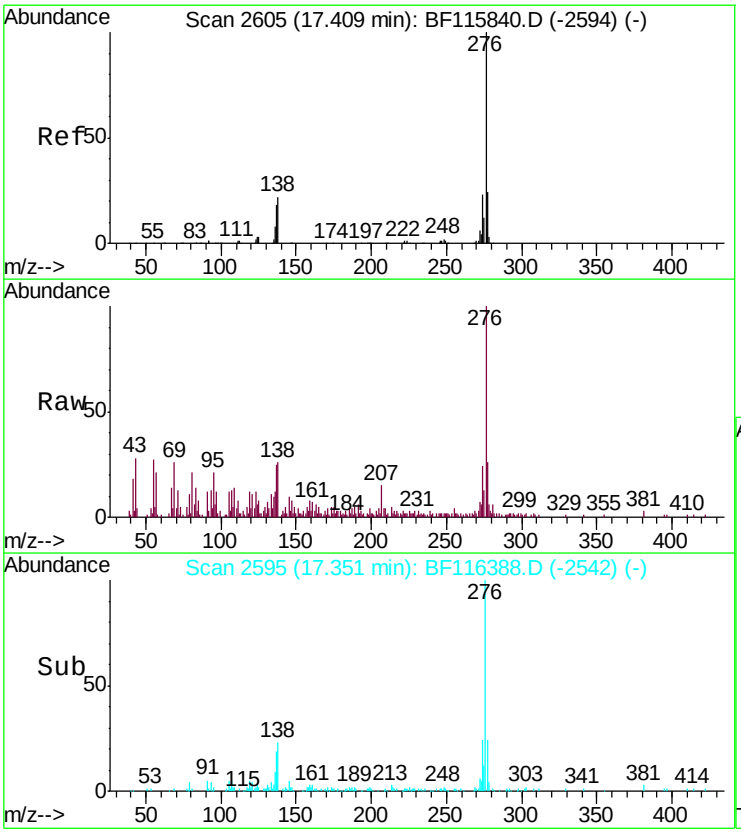
#91
Dibenzo(a,h)anthracene
Concen: 2.257 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Instrument :
BNA_F
ClientSampleId :
SP-14

Tgt Ion:278 Resp: 25174

Ion	Ratio	Lower	Upper
278	100		
139	25.3	12.8	19.2#
279	31.4	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.868 ng
RT: 17.35 min Scan# 2595
Delta R.T. 0.01 min
Lab File: BF116388.D
Acq: 19 Aug 2019 14:30

Tgt Ion:276 Resp: 86183

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.4	27.6
138	26.5	17.0	25.6#