Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116501.D
Acq On : 24 Aug 2019 2:17
Operator : HP/JU
Sample : K4087-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-082119

Quant Time: Aug 24 03:38:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115159	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	431445	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	203128	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	320254	20.00	ng		0.00
76) Chrysene-d12	14.03	240	209954	20.00	ng		0.00
87) Perylene-d12	15.50	264	223195	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	685953	87.03	ng		0.01
7) Phenol-d6	6.51	99	908094	93.97	ng		0.00
23) Nitrobenzene-d5	7.44	82	526626	66.78	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	137466	78.81	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	972242	77.08	ng		0.00
79) Terphenyl-d14	12.98	244	817053	72.69	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	71865	10.898	ng	#	78
25) Isophorone	7.44	82	526732	33.894	ng	#	67
50) Dimethylphthalate	9.63	163	199791	14.097	ng		99
57) 2,4-Dinitrotoluene	9.92	165	26639	7.217	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.70	198	134	7.092	ng	#	1
67) 4-Bromophenyl-phenylether	10.70	248	8989	2.677	ng	#	1
71) Phenanthrene	11.42	178	82410	4.724	ng		98
75) Fluoranthene	12.61	202	181104	10.041	ng		99
78) Pyrene	12.84	202	165939	9.883	ng		99
81) Benzo(a)anthracene	14.02	228	68881	5.066	ng		96
83) Chrysene	14.06	228	62800	4.557	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	40647	3.443	ng		94
88) Benzo(b)fluoranthene	15.07	252	114932	8.336	ng	#	95
89) Benzo(k)fluoranthene	15.07	252	114932	9.201	ng	#	94
90) Benzo(a)pyrene	15.43	252	63183	5.185	ng		96
92) Benzo(g,h,i)perylene	17.40	276	38886	4.073	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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Acq On : 24 Aug 2019 2:17
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HD-02-082119

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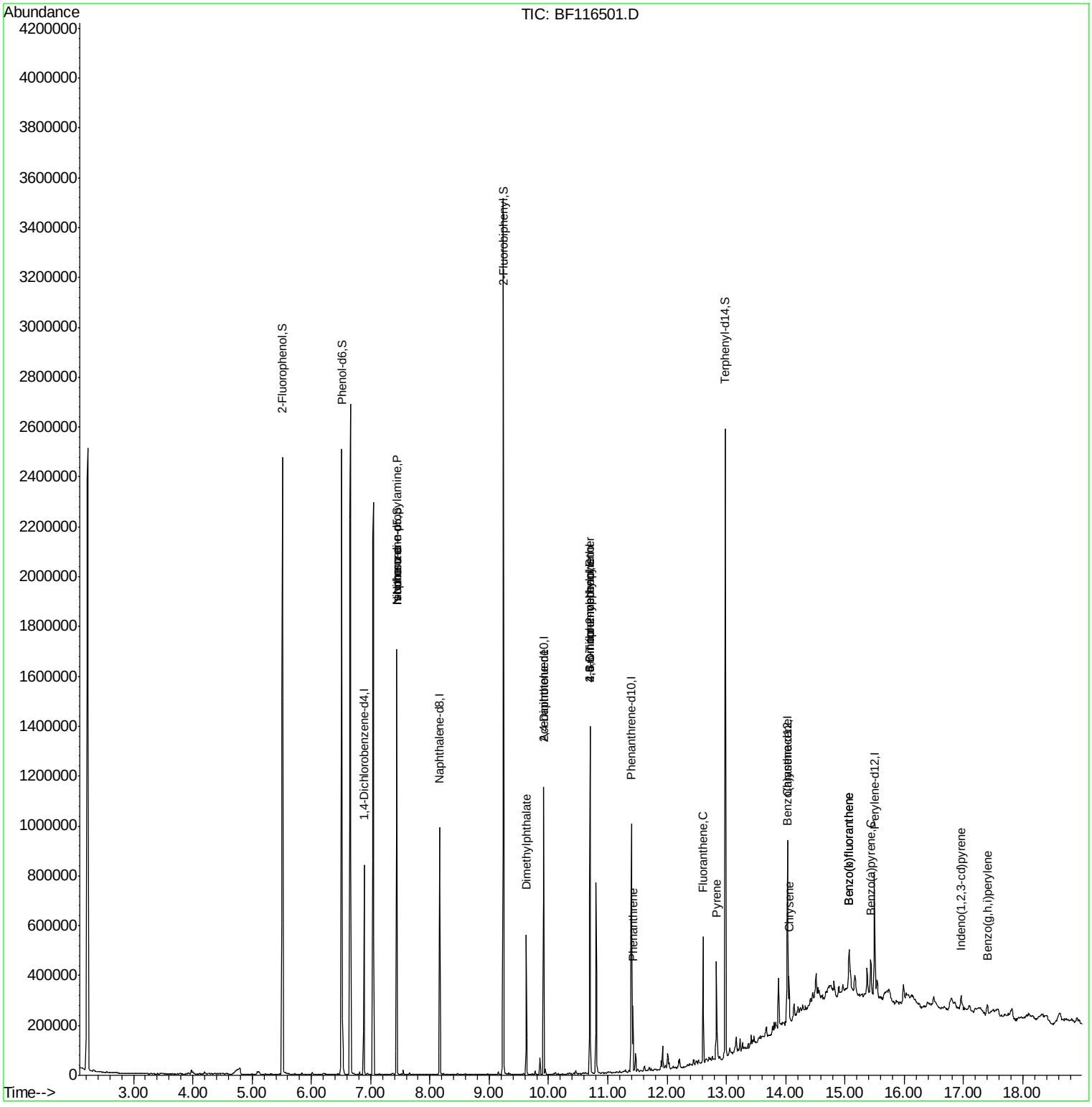
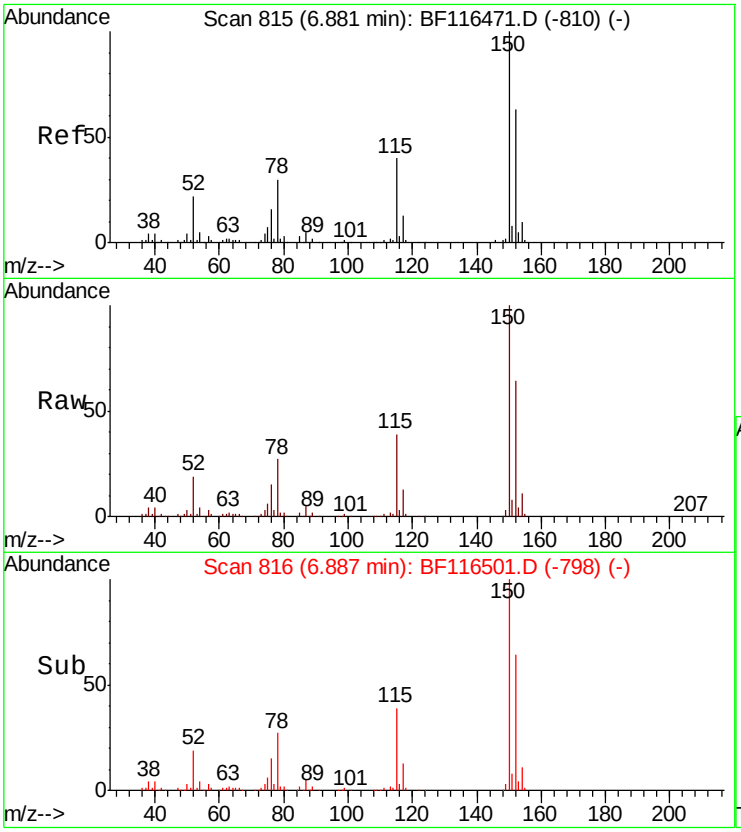
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



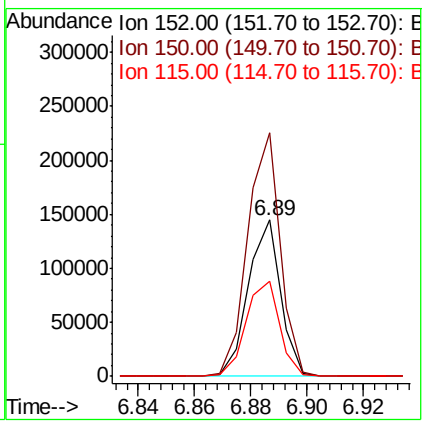


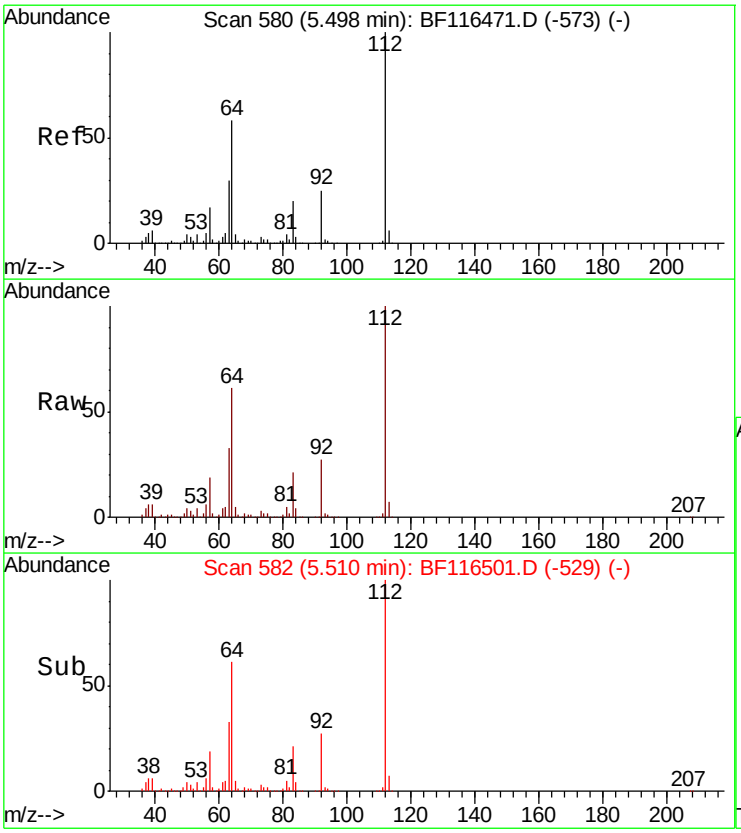
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:152 Resp: 115159

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.7	190.1
115	60.9	50.9	76.3

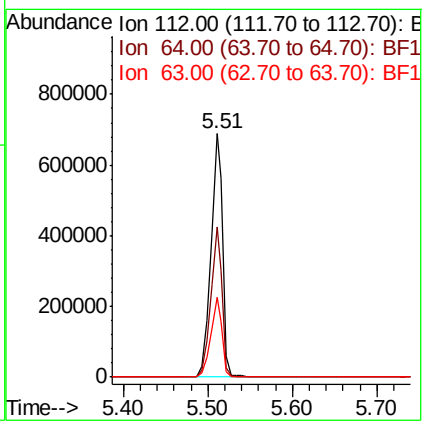


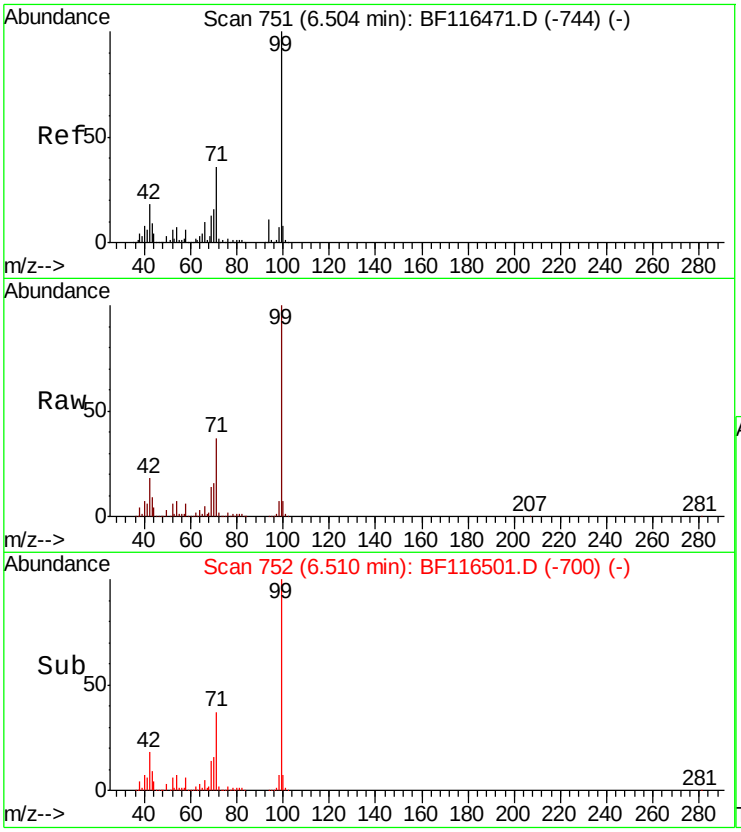


#5
2-Fluorophenol
Concen: 87.034 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:112 Resp: 685953

Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.3	69.5
63	32.6	24.2	36.4



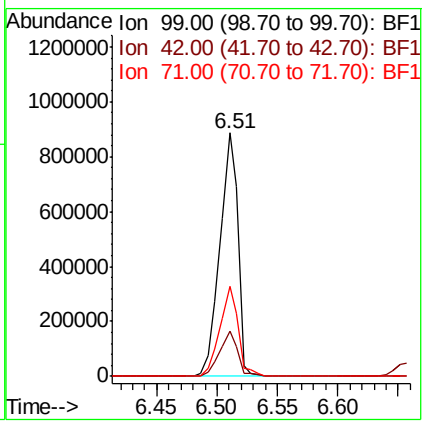


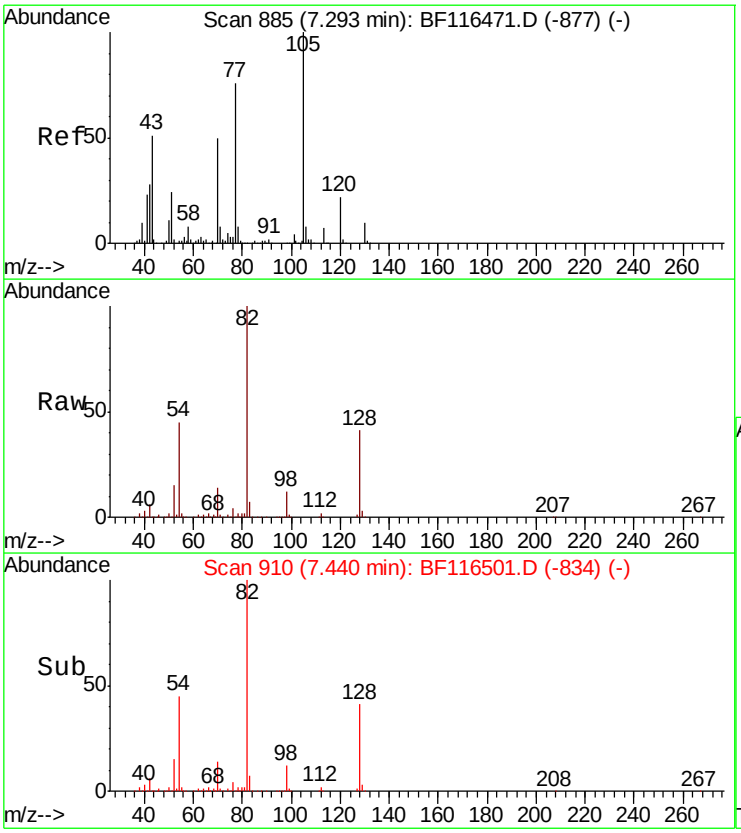
#7
Phenol-d6
Concen: 93.969 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion: 99 Resp: 908094

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	37.2	28.5	42.7

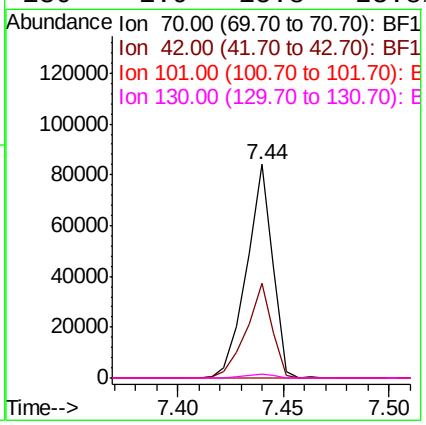


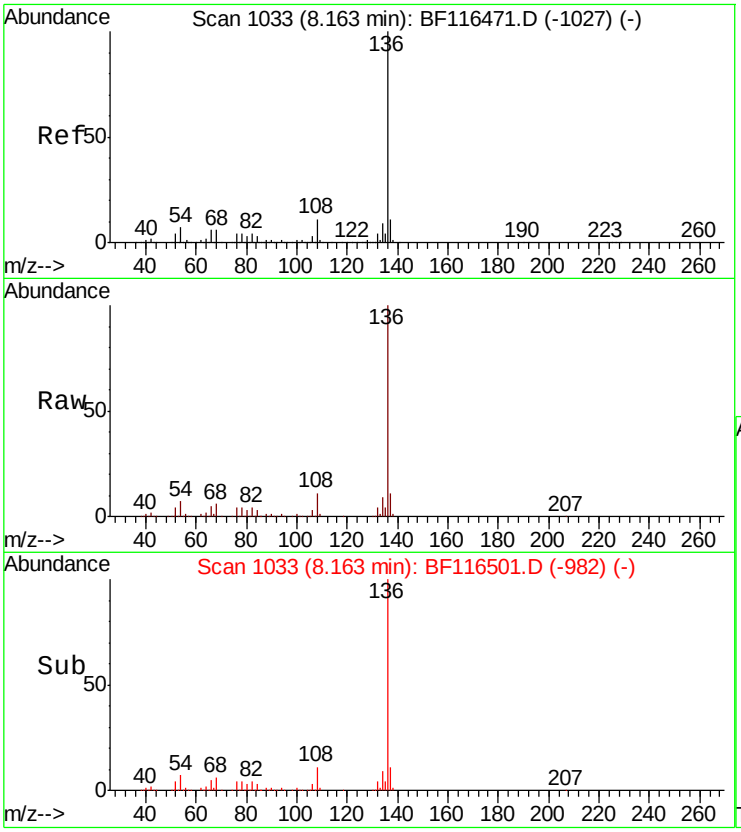


#19
n-Nitroso-di-n-propylamine
Concen: 10.898 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion: 70 Resp: 71865

Ion	Ratio	Lower	Upper
70	100		
42	44.6	44.4	66.6
101	0.0	7.1	10.7#
130	1.9	15.8	23.8#



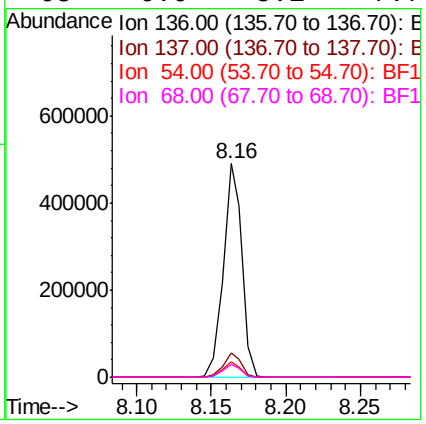


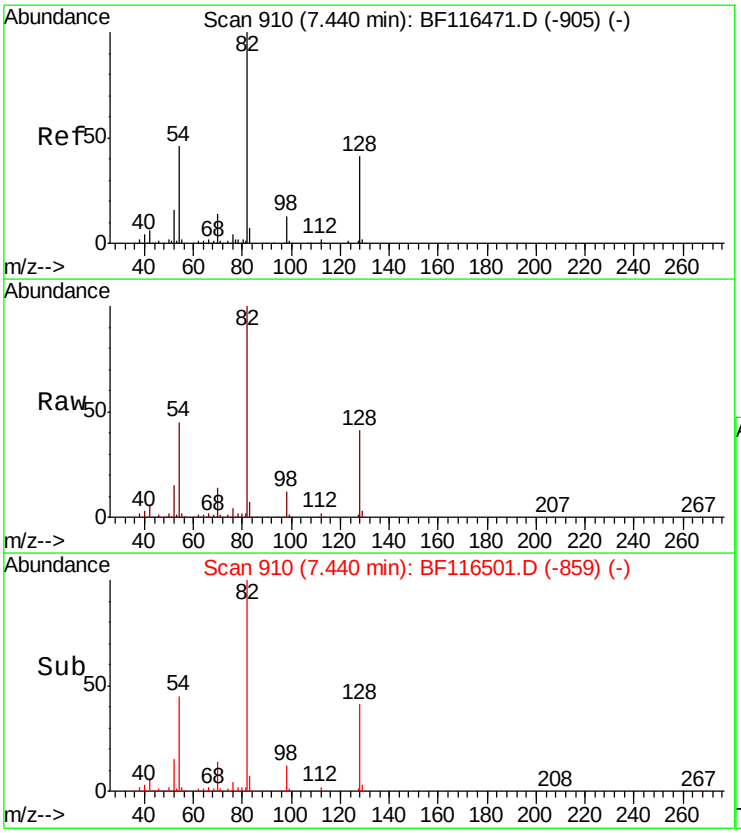
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:136 Resp: 431445

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.2	5.8	8.6
68	6.0	5.1	7.7

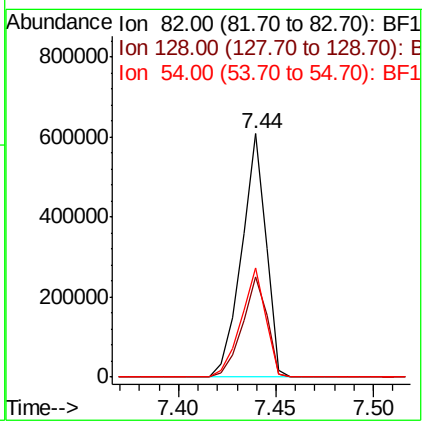


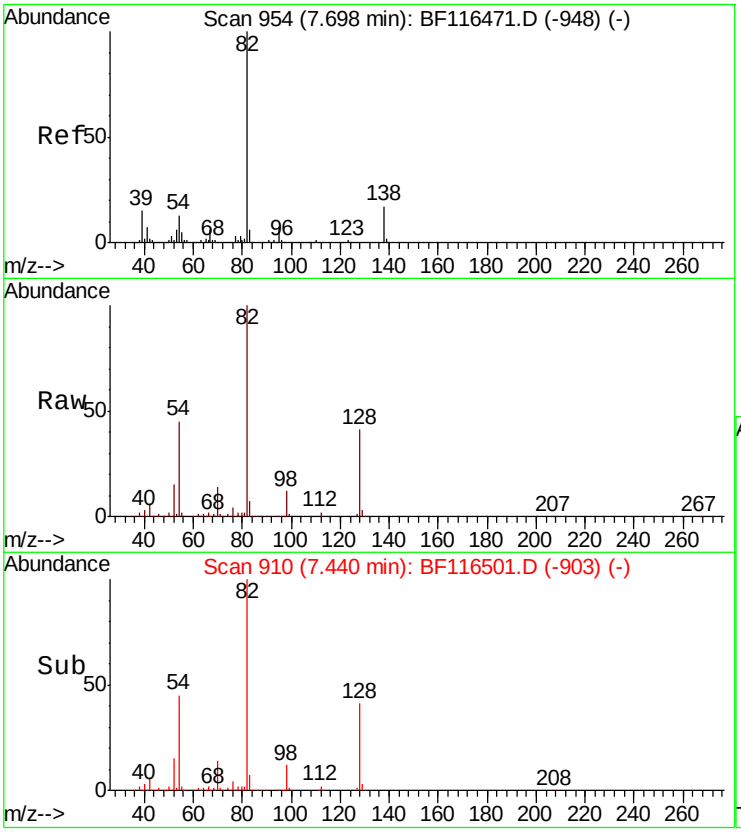


#23
Nitrobenzene-d5
Concen: 66.780 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion: 82 Resp: 526626

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.4
54	44.6	36.5	54.7



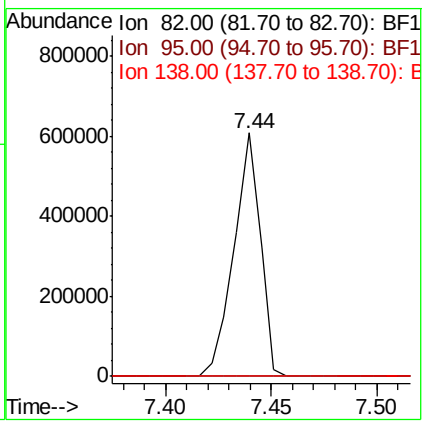


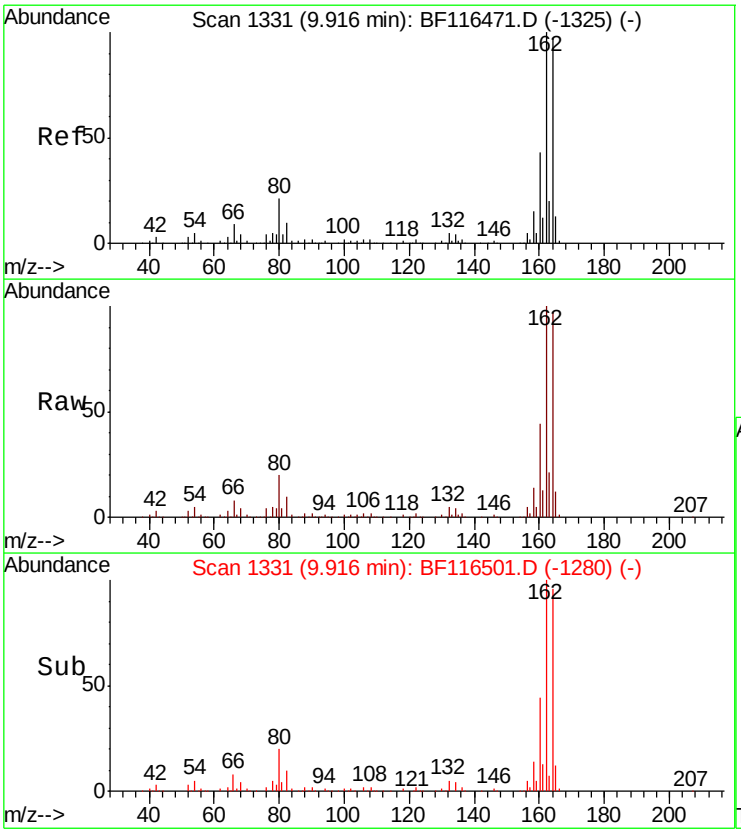
#25
Isophorone
Concen: 33.894 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion: 82 Resp: 526732

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.3	19.9#

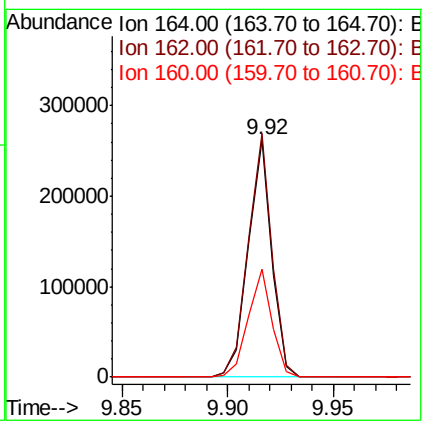


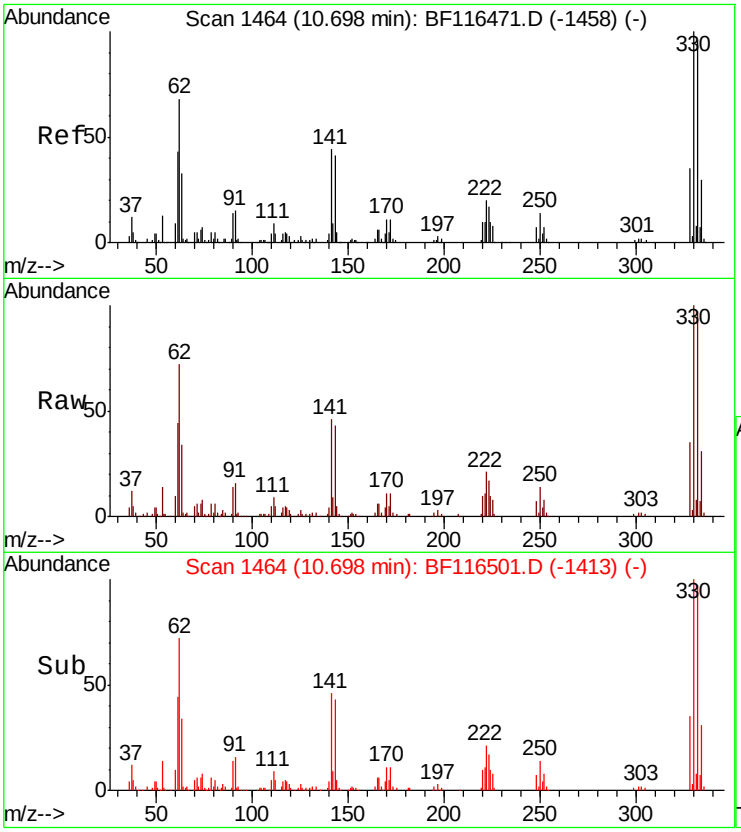


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:164 Resp: 203128

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.4	35.8	53.8



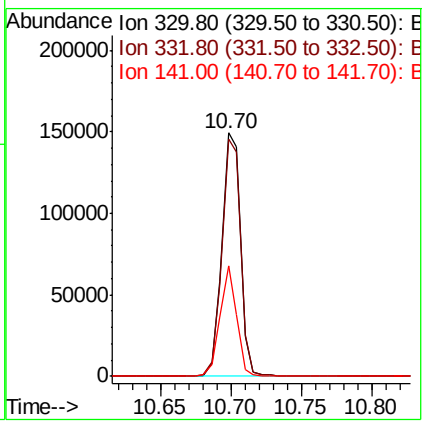


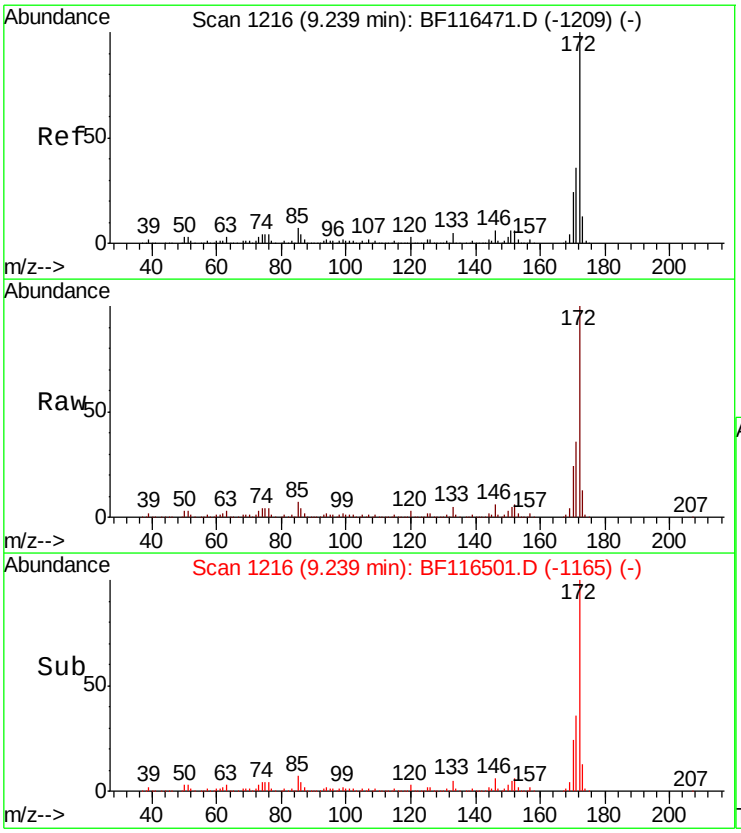
#42
2,4,6-Tribromophenol
Concen: 78.813 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:330 Resp: 137466

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	40.5	33.3	49.9

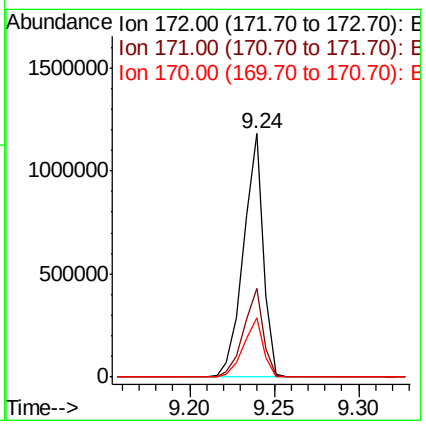


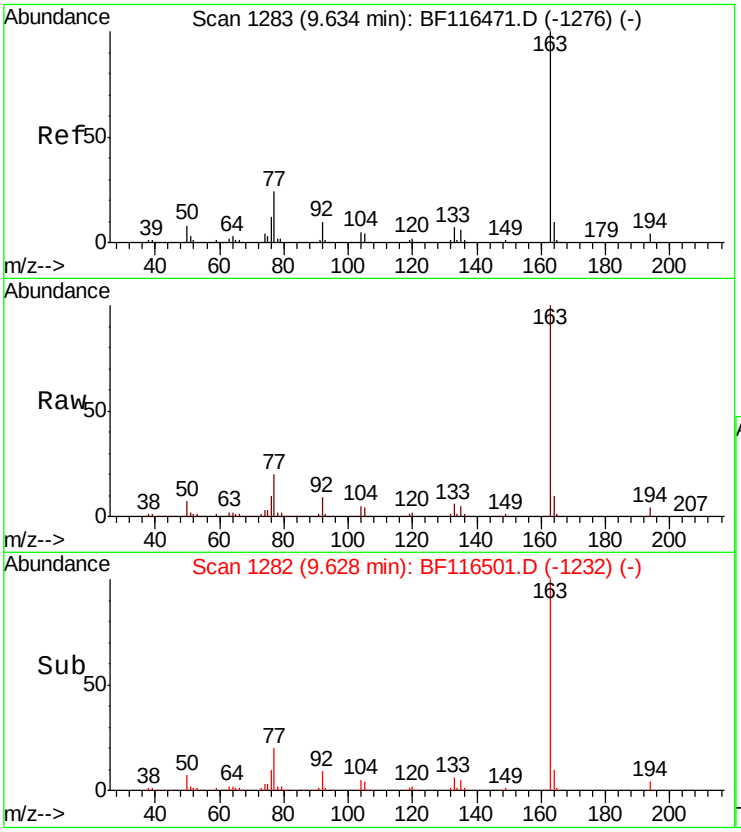


#45
2-Fluorobiphenyl
Concen: 77.080 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:172 Resp: 972242

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.2	19.4	29.0



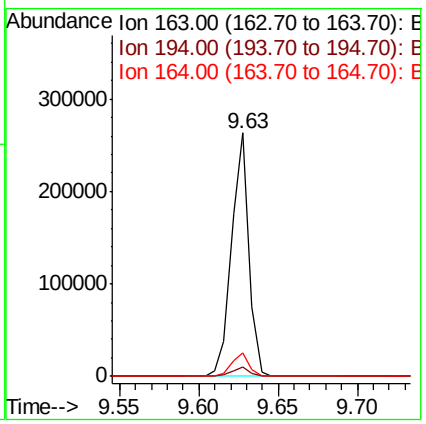


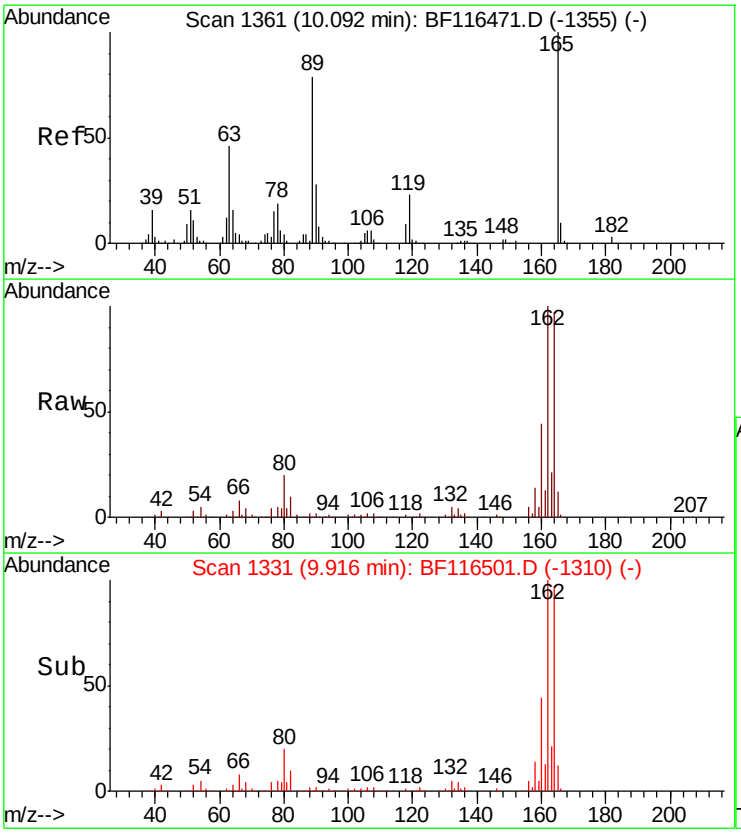
#50
Dimethylphthalate
Concen: 14.097 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:163 Resp: 199791

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.8	8.2	12.2

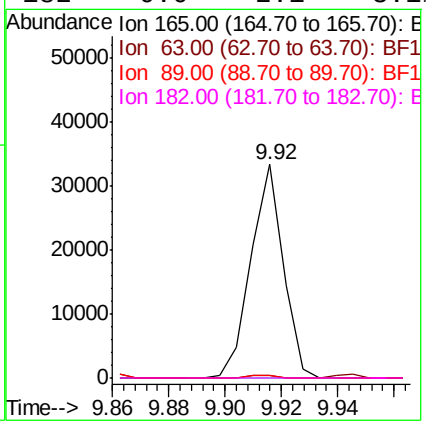


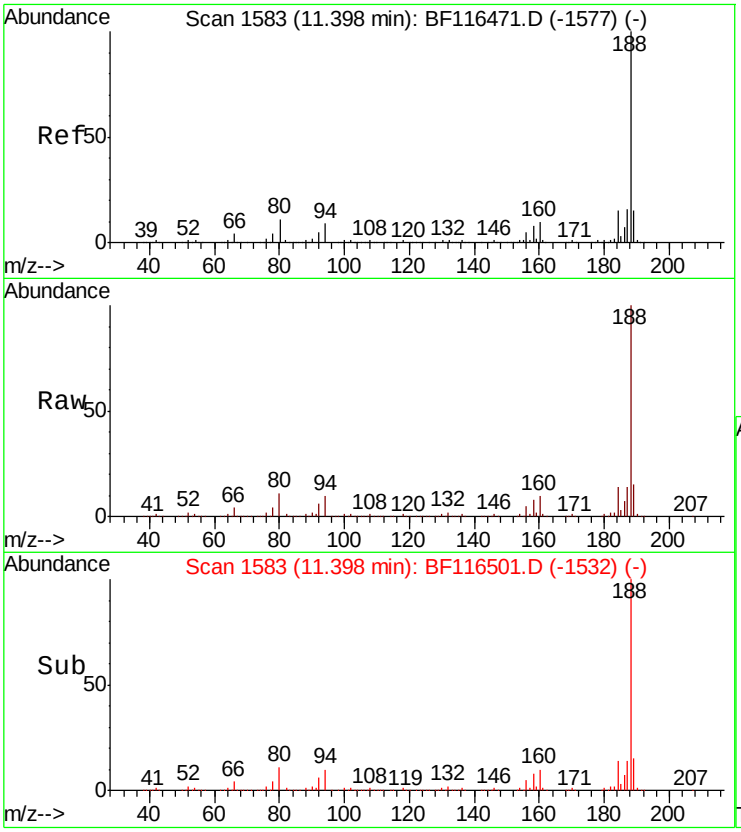


#57
2,4-Dinitrotoluene
Concen: 7.217 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:165 Resp: 26639

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.9	55.3#
89	1.2	63.4	95.0#
182	0.0	2.1	3.1#



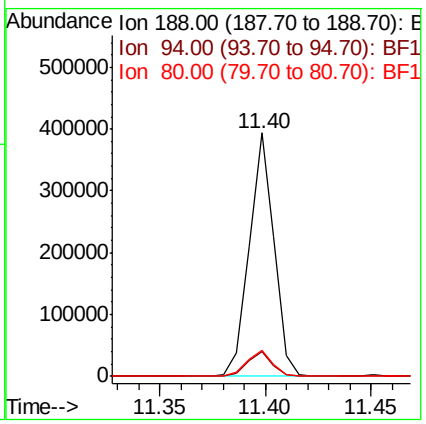


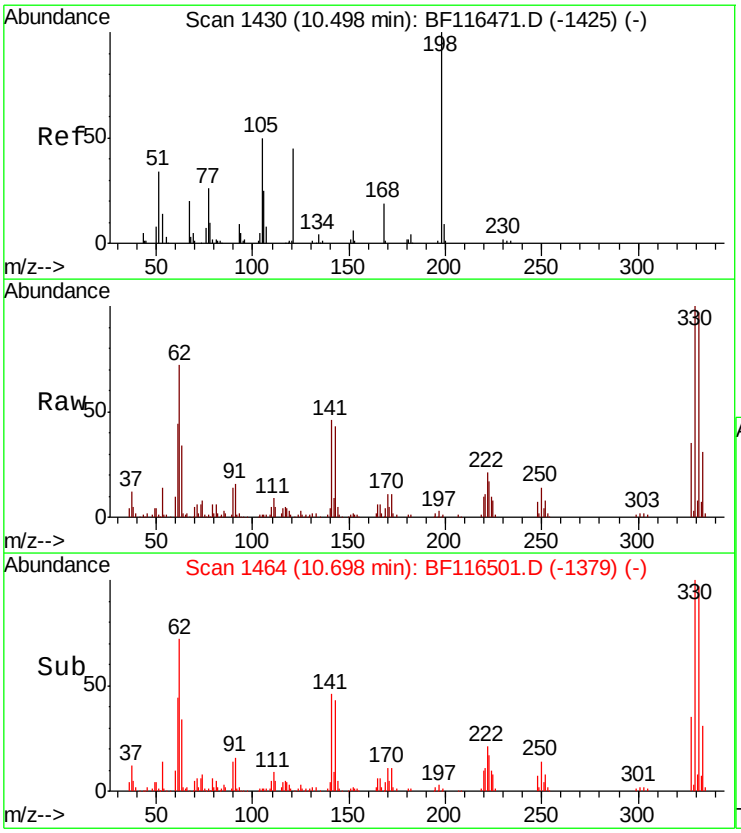
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:188 Resp: 320254

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.2
80	10.9	8.6	12.8

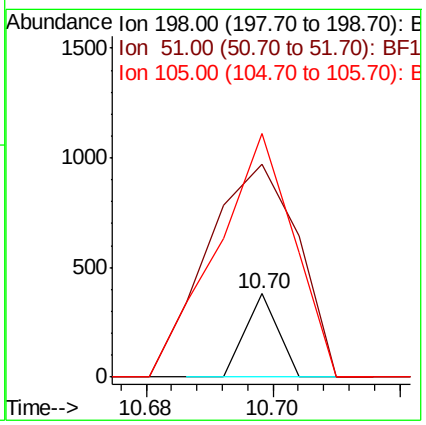


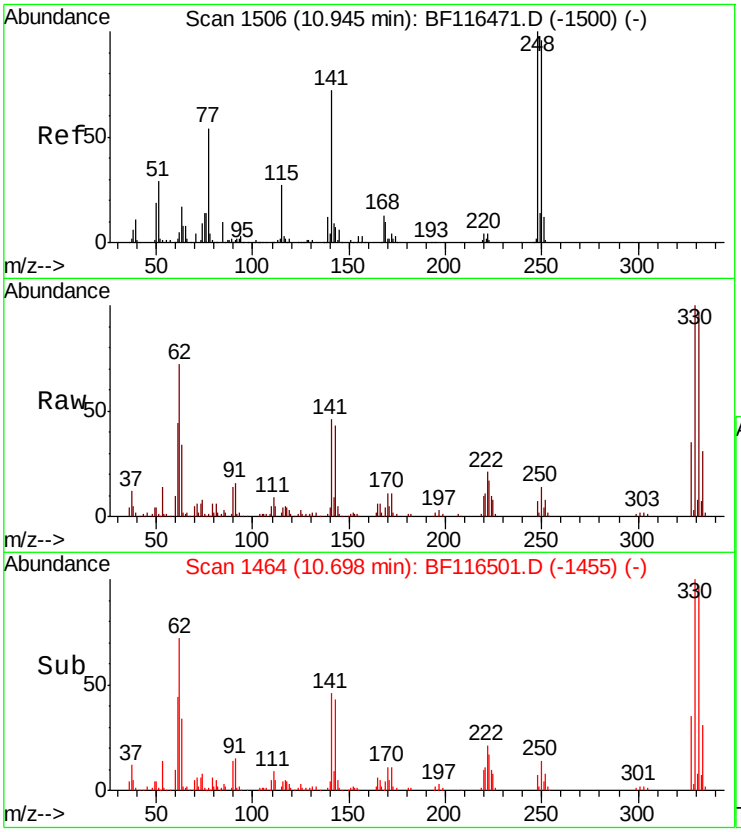


#65
4,6-Dinitro-2-methylphenol
Concen: 7.092 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:198 Resp: 134

Ion	Ratio	Lower	Upper
198	100		
51	255.4	30.4	70.4#
105	291.6	32.8	72.8#



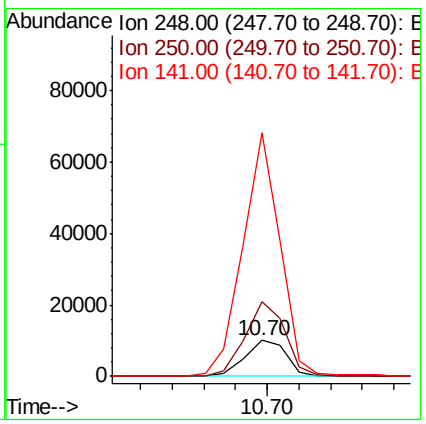


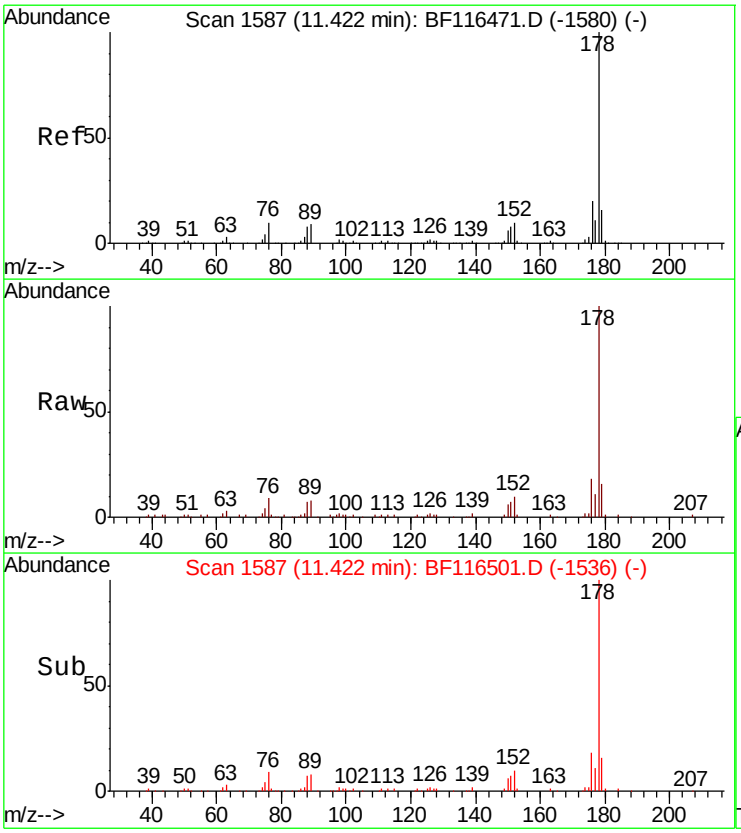
#67
4-Bromophenyl-phenylether
Concen: 2.677 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:248 Resp: 8989

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.0	115.6#
141	682.9	57.4	86.0#

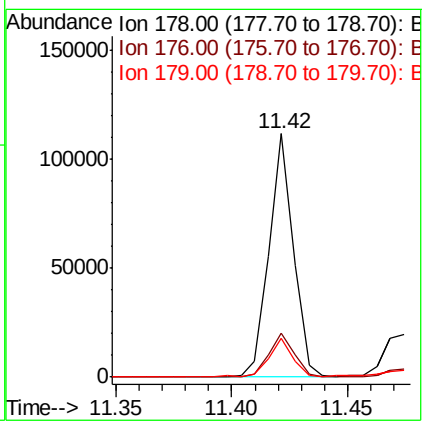


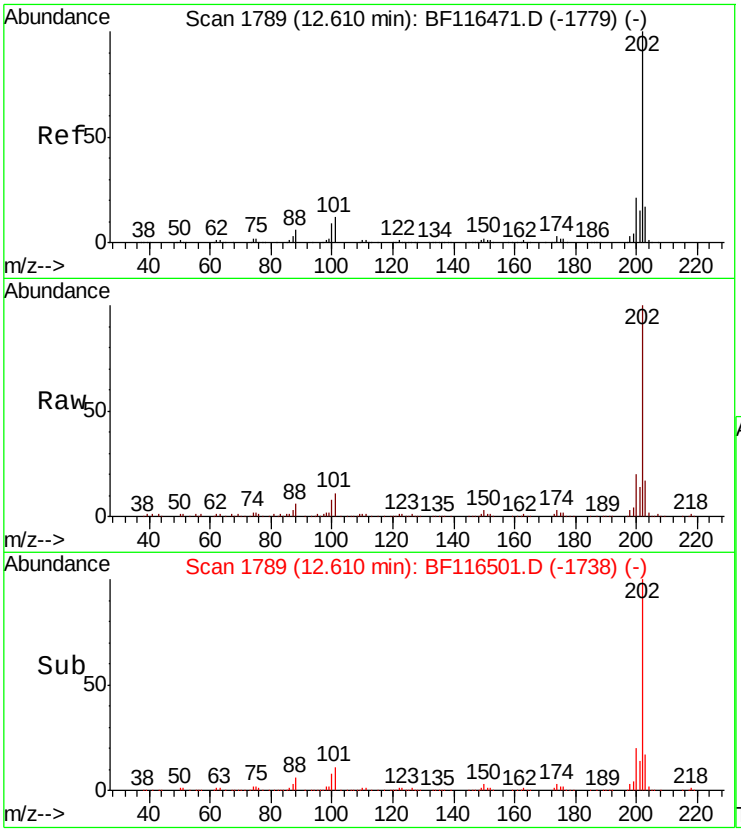


#71
Phenanthrene
Concen: 4.724 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:178 Resp: 82410

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.6
179	15.7	12.8	19.2



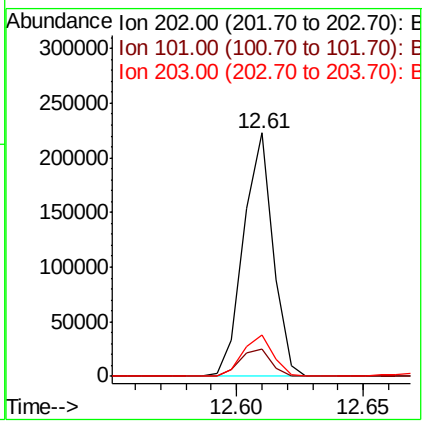


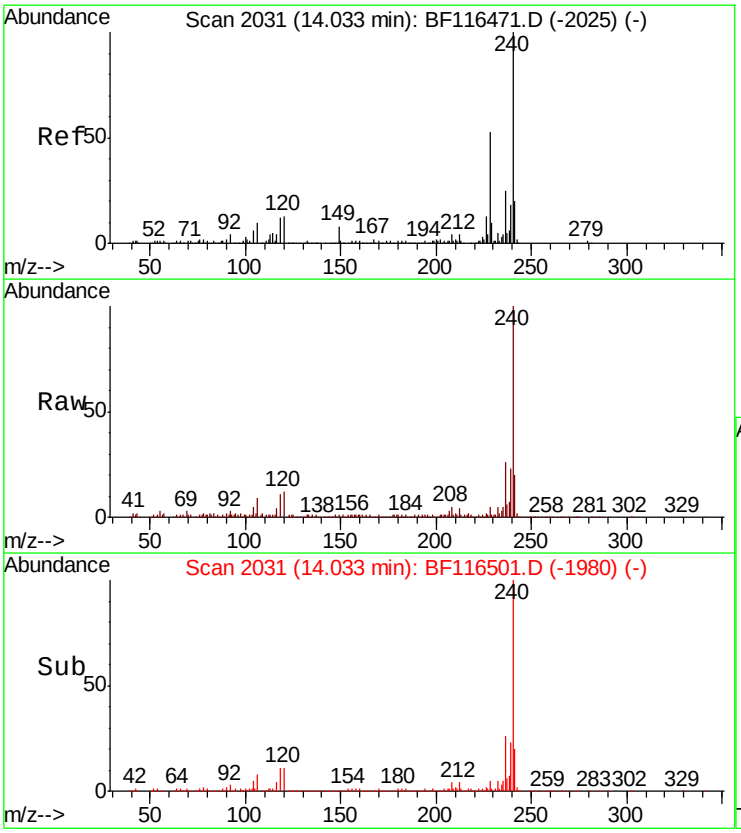
#75
Fluoranthene
Concen: 10.041 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:202 Resp: 181104

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	17.2	0.0	37.5

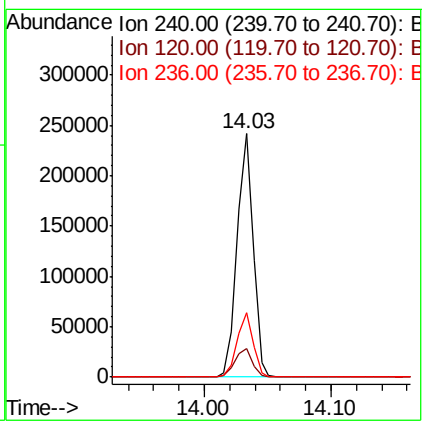


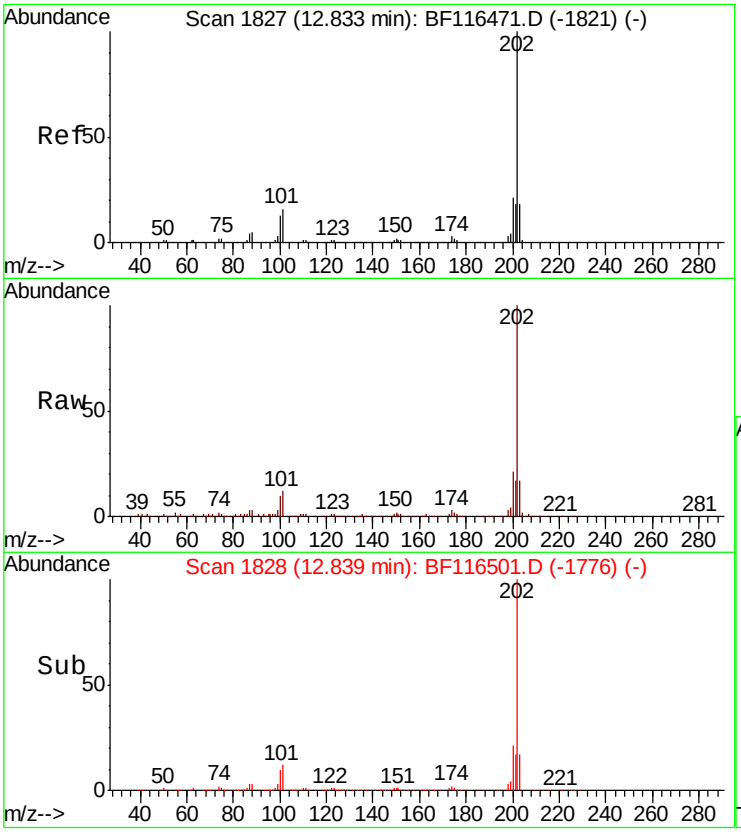


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:240 Resp: 209954

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.5	15.7
236	26.4	20.2	30.2



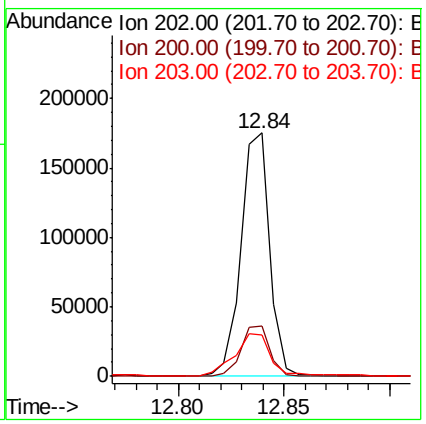


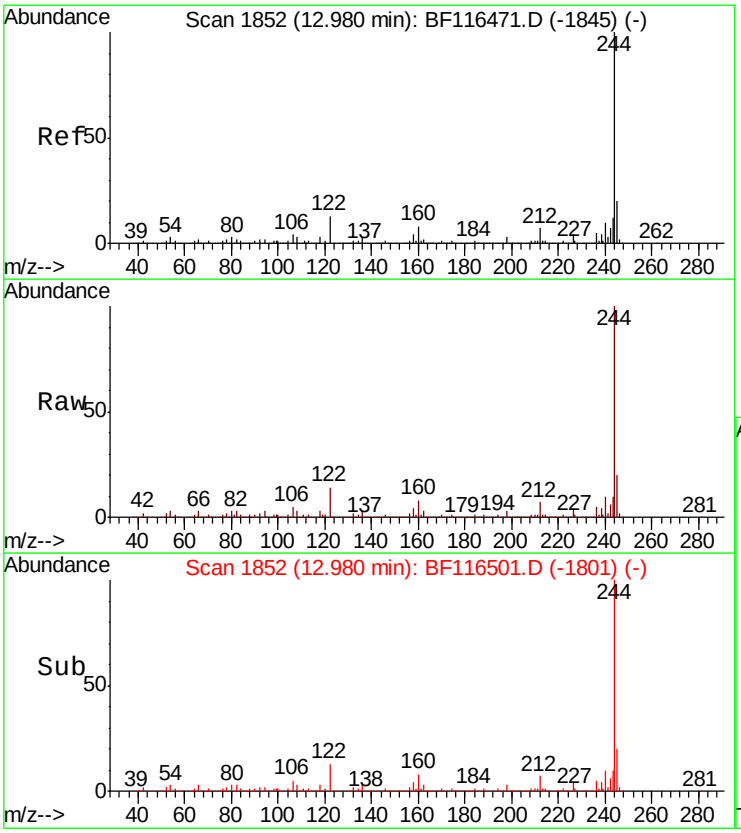
#78
Pyrene
Concen: 9.883 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:202 Resp: 165939

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	16.9	14.2	21.4

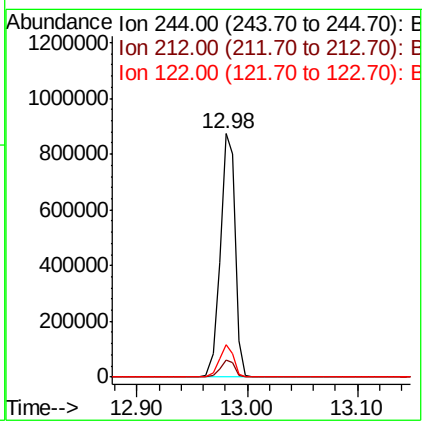


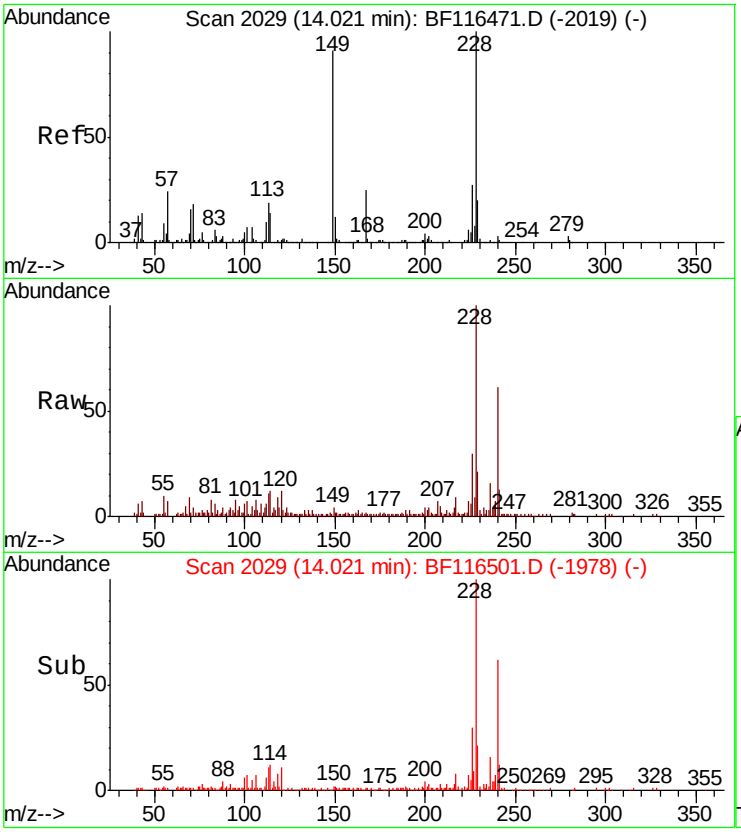


#79
Terphenyl-d14
Concen: 72.691 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:244 Resp: 817053

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.5	10.2	15.4



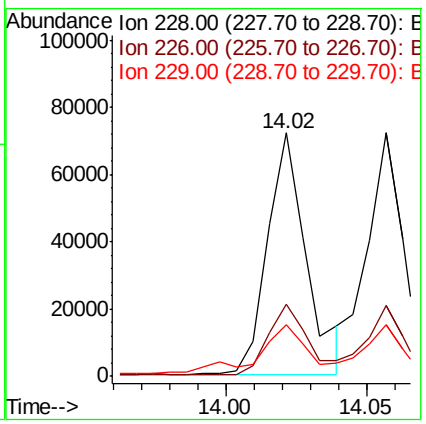


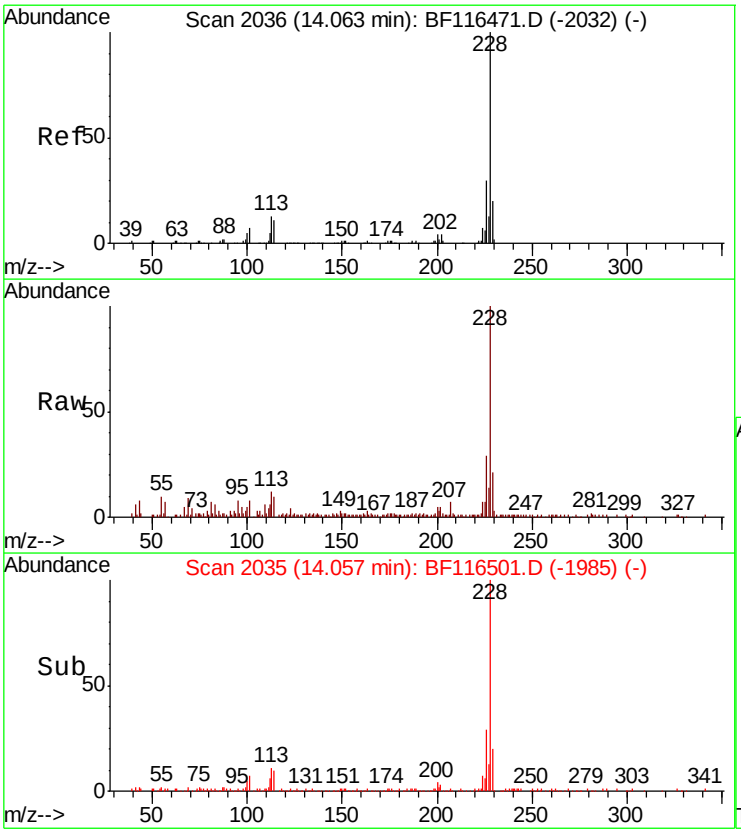
#81
Benzo(a)anthracene
Concen: 5.066 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:228 Resp: 68881

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.6
229	21.2	15.9	23.9

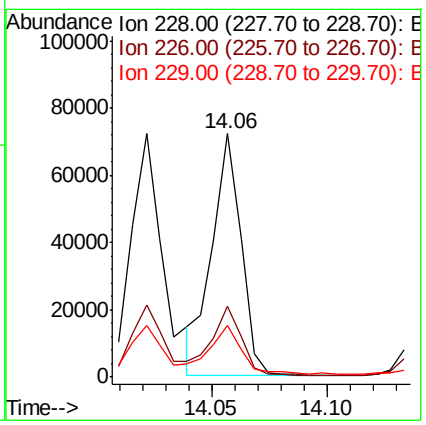


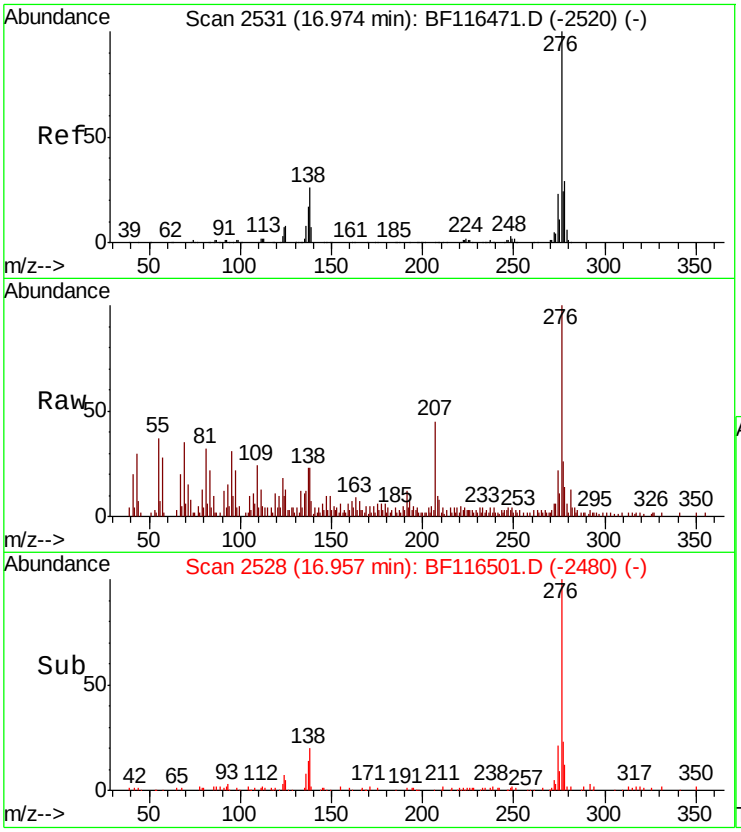


#83
Chrysene
Concen: 4.557 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:228 Resp: 62800

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	21.0	15.8	23.6



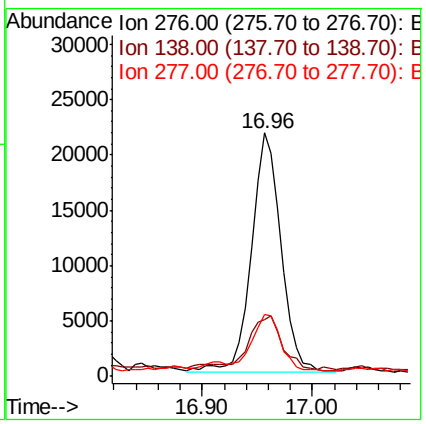


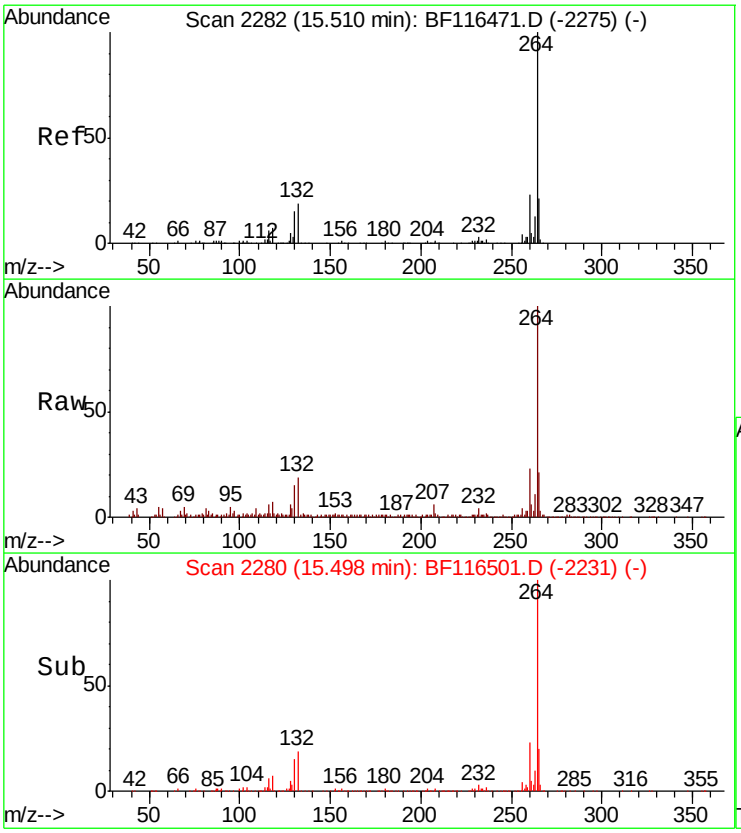
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.443 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:276 Resp: 40647

Ion	Ratio	Lower	Upper
276	100		
138	24.2	22.9	34.3
277	23.5	19.9	29.9

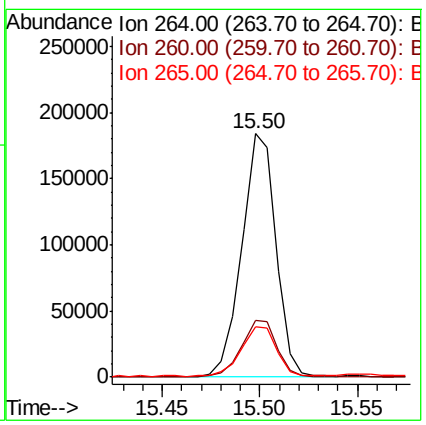


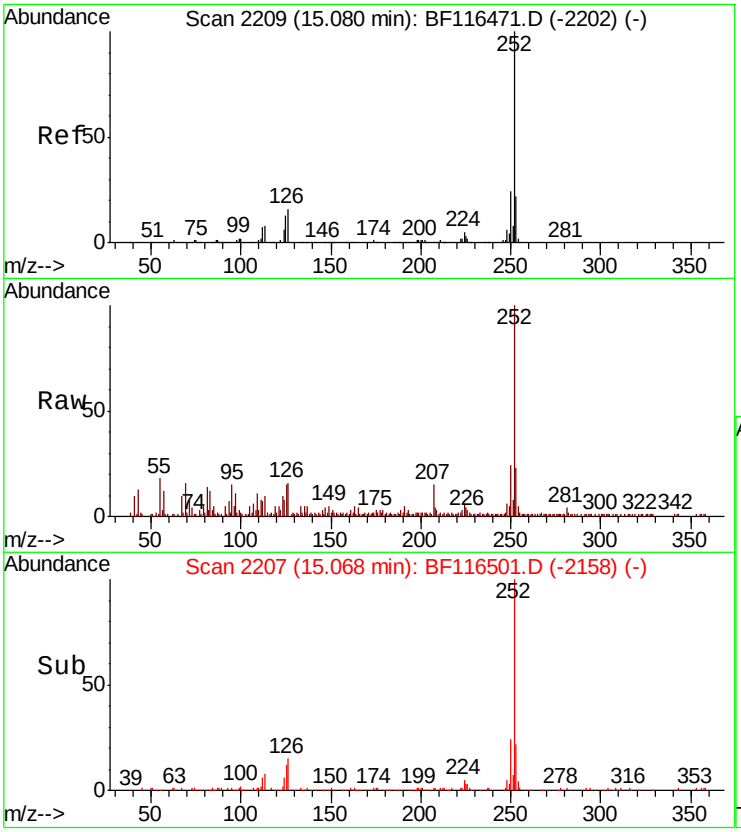


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:264 Resp: 223195

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	20.9	17.1	25.7



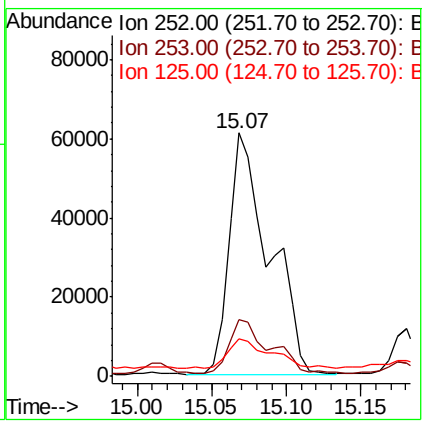


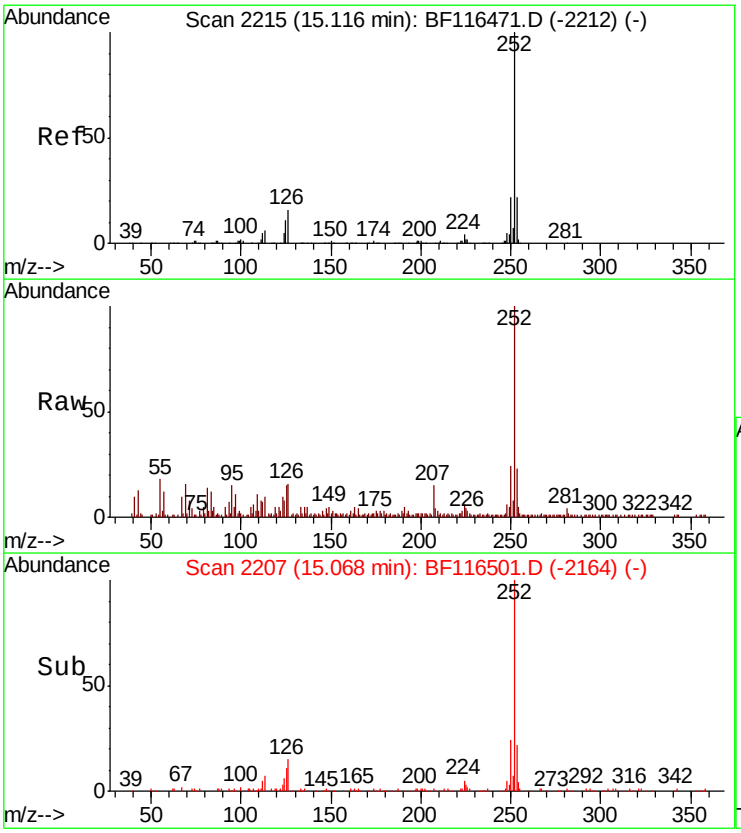
#88
Benzo(b)fluoranthene
Concen: 8.336 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:252 Resp: 114932

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	15.4	10.1	15.1#

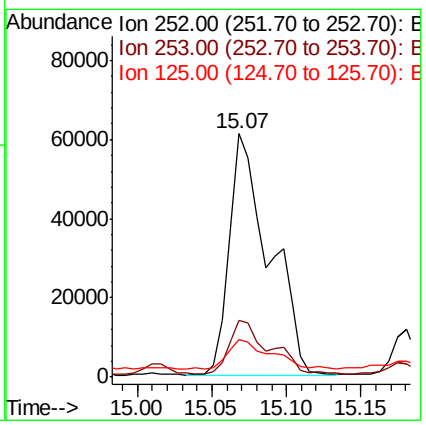


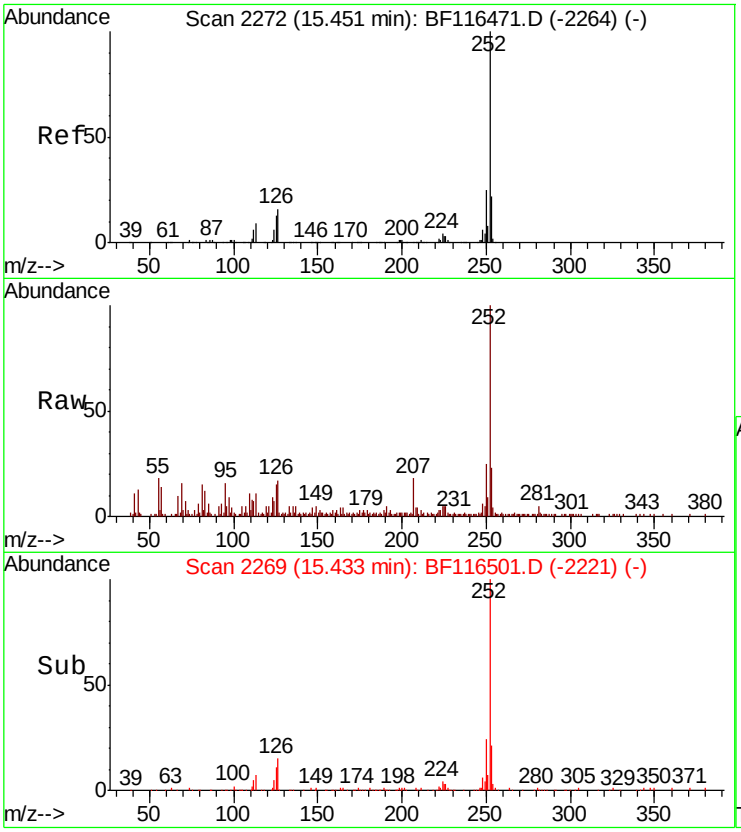


#89
Benzo(k)fluoranthene
Concen: 9.201 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:252 Resp: 114932

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	15.4	9.1	13.7#



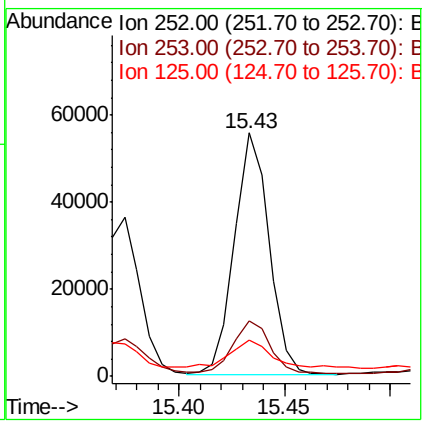


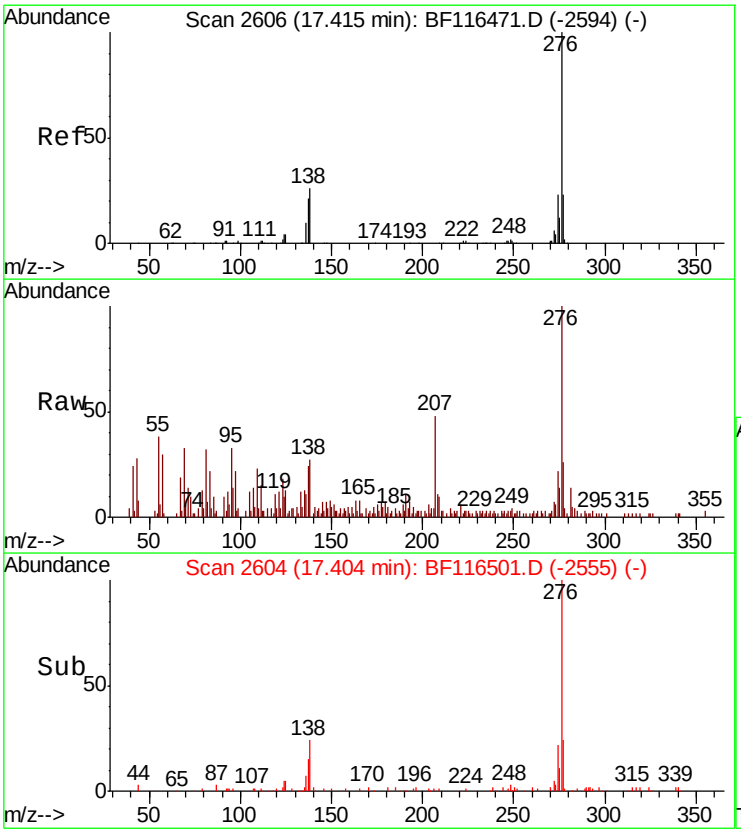
#90
Benzo(a)pyrene
Concen: 5.185 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Instrument :
BNA_F
ClientSampleId :
HD-02-082119

Tgt Ion:252 Resp: 63183

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	15.1	10.2	15.4





#92
Benzo(g,h,i)perylene
Concen: 4.073 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF116501.D
Acq: 24 Aug 2019 2:17

Tgt Ion:276 Resp: 38886

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.7	28.1
138	27.0	20.8	31.2