Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116008.D
Acq On : 6 Aug 2019 13:02
Operator : HP/JU
Sample : K4136-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 07 01:12:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123975	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	484488	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	260160	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	457476	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	326566	20.00	ng		-0.02
87) Perylene-d12	15.46	264	316759	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	649305	87.68	ng		0.00
7) Phenol-d6	6.47	99	878853	94.06	ng		-0.01
23) Nitrobenzene-d5	7.40	82	546097	65.06	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	222743	88.31	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	942562	67.86	ng		-0.02
79) Terphenyl-d14	12.95	244	1019686	65.80	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	72289	12.485	ng	#	78
25) Isophorone	7.40	82	546091	34.026	ng	#	66
50) Dimethylphthalate	9.59	163	67102	3.788	ng		98
51) 2,6-Dinitrotoluene	9.87	165	32946	8.558	ng	#	28
57) 2,4-Dinitrotoluene	9.87	165	32946	6.428	ng	#	25
67) 4-Bromophenyl-phenylether	10.66	248	13909	2.840	ng	#	1
71) Phenanthrene	11.39	178	75543	3.230	ng		99
72) Anthracene	11.39	178	75543	3.192	ng		98
75) Fluoranthene	12.58	202	190584	7.784	ng		81
78) Pyrene	12.81	202	166259	6.754	ng	#	84
81) Benzo(a)anthracene	13.99	228	90253	4.324	ng		96
83) Chrysene	14.03	228	75014	3.702	ng		95
86) Indeno(1,2,3-cd)pyrene	16.94	276	46202	2.715	ng		97
88) Benzo(b)fluoranthene	15.04	252	130353	7.117	ng	#	94
89) Benzo(k)fluoranthene	15.04	252	130353	7.307	ng	#	97
90) Benzo(a)pyrene	15.40	252	69838	4.266	ng	#	95
92) Benzo(g,h,i)perylene	17.37	276	46341	3.329	ng		96

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

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QLast Update : Wed Jul 31 15:31:51 2019
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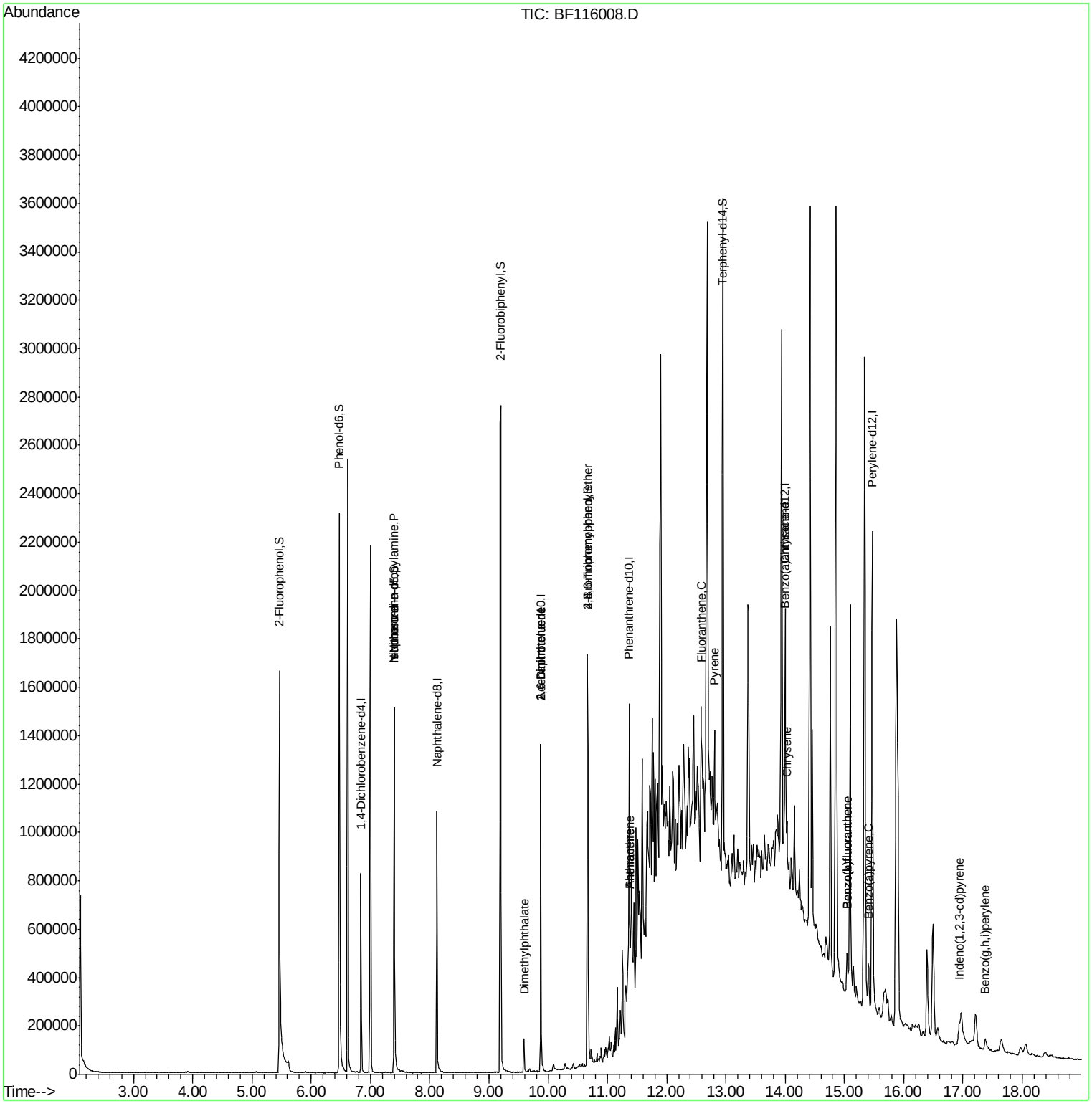
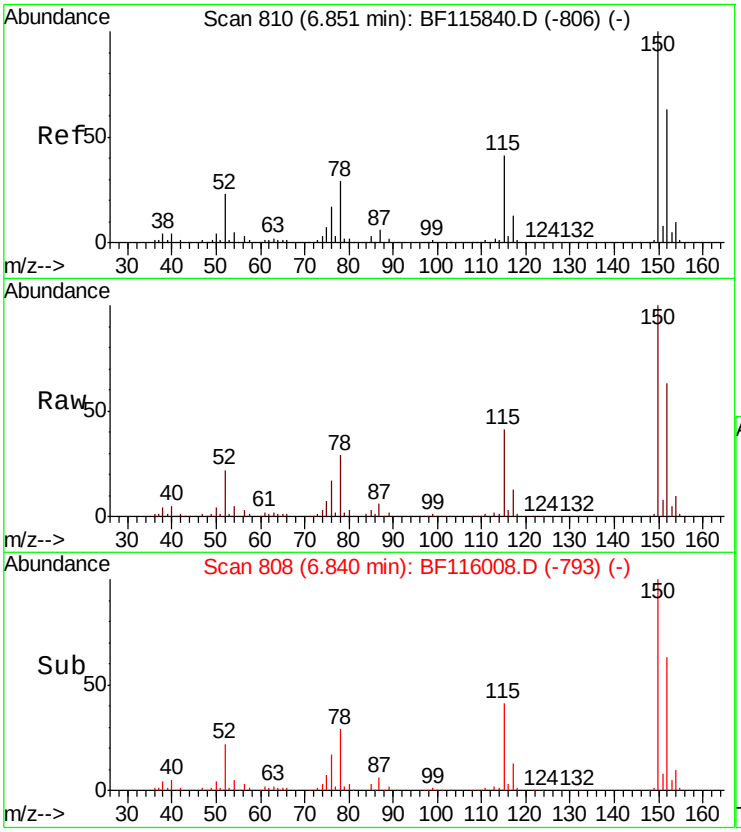


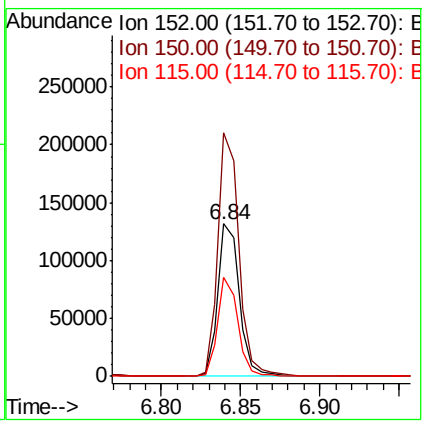


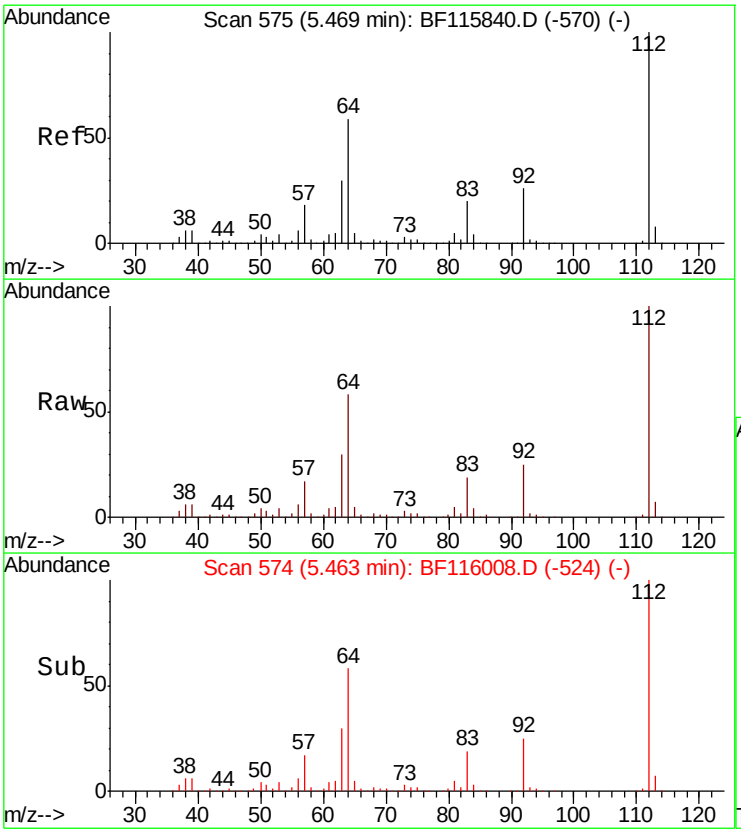
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123975

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.4	191.0
115	64.9	51.8	77.8

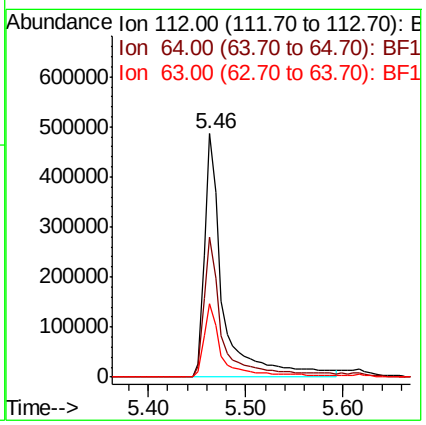


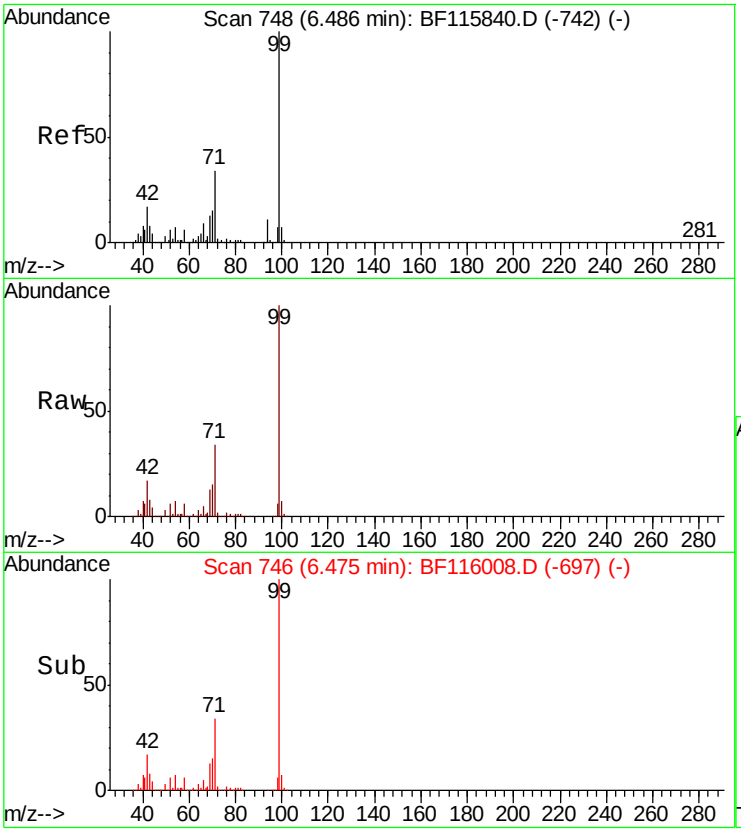


#5
2-Fluorophenol
Concen: 87.677 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:112 Resp: 649305

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.8	70.2
63	30.3	24.2	36.2



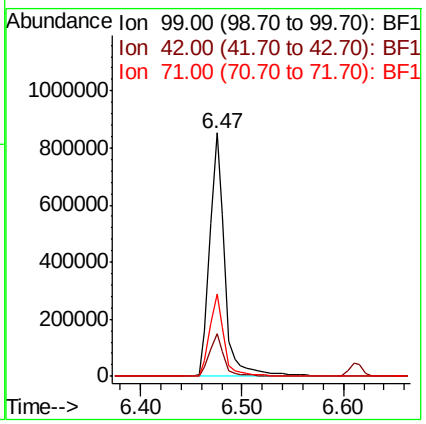


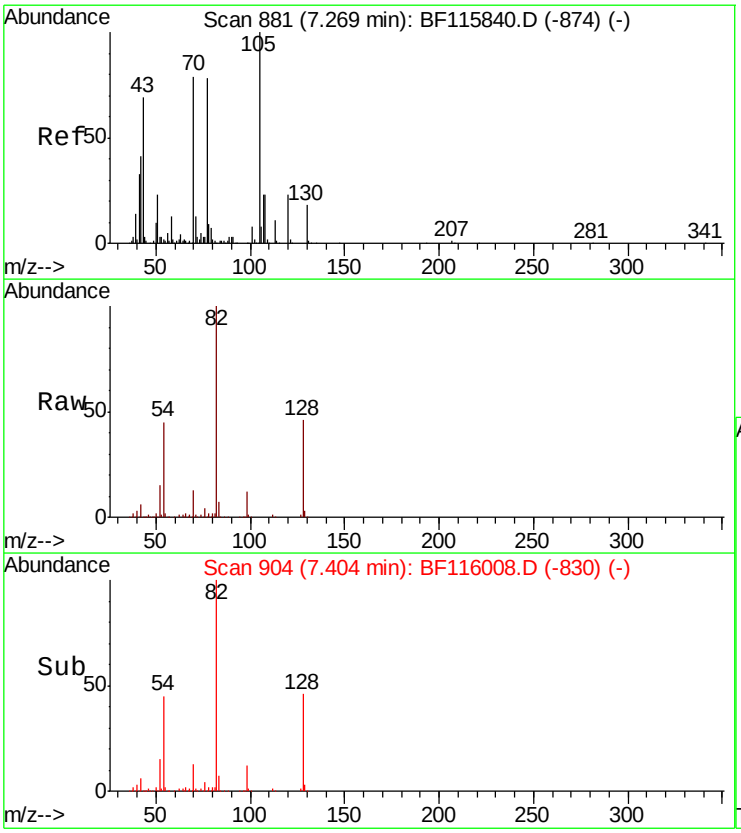
#7
Phenol-d6
Concen: 94.060 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 878853

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	33.6	27.1	40.7

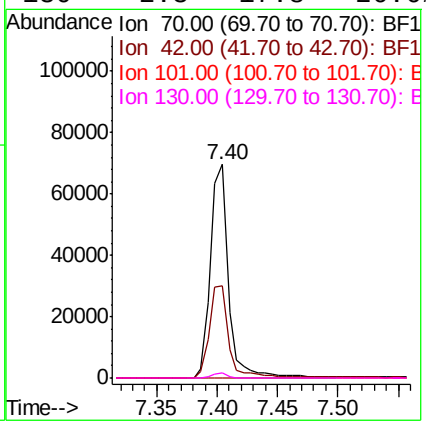


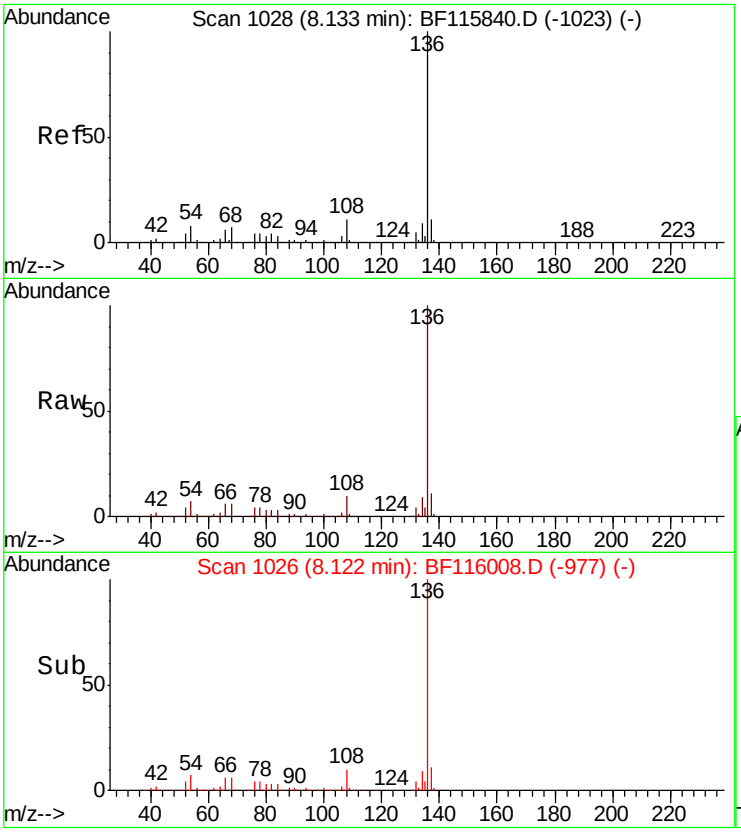


#19
n-Nitroso-di-n-propylamine
Concen: 12.485 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion: 70 Resp: 72289

Ion	Ratio	Lower	Upper
70	100		
42	43.0	41.8	62.8
101	0.0	7.7	11.5#
130	2.3	17.8	26.6#



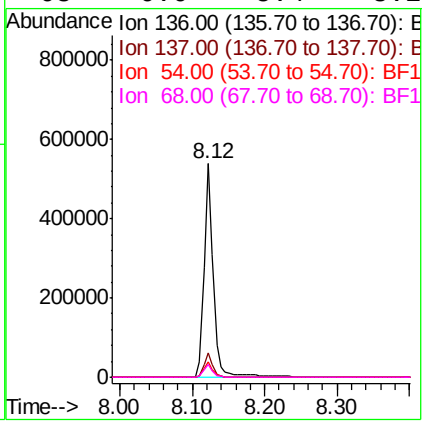


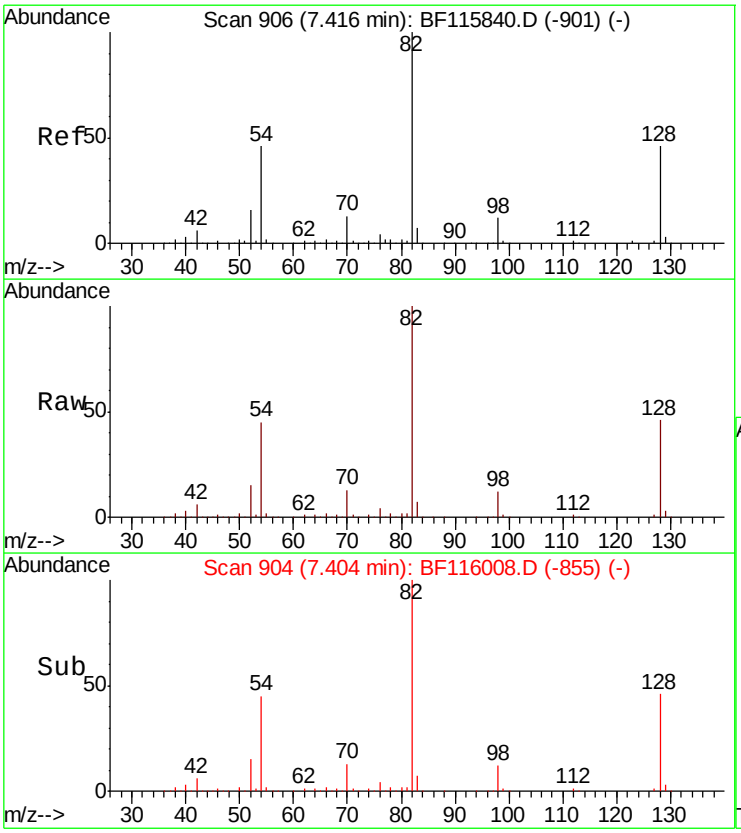
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 484488

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	6.1	9.1
68	6.0	5.4	8.2

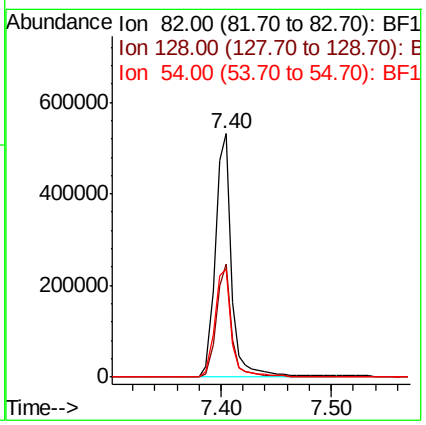


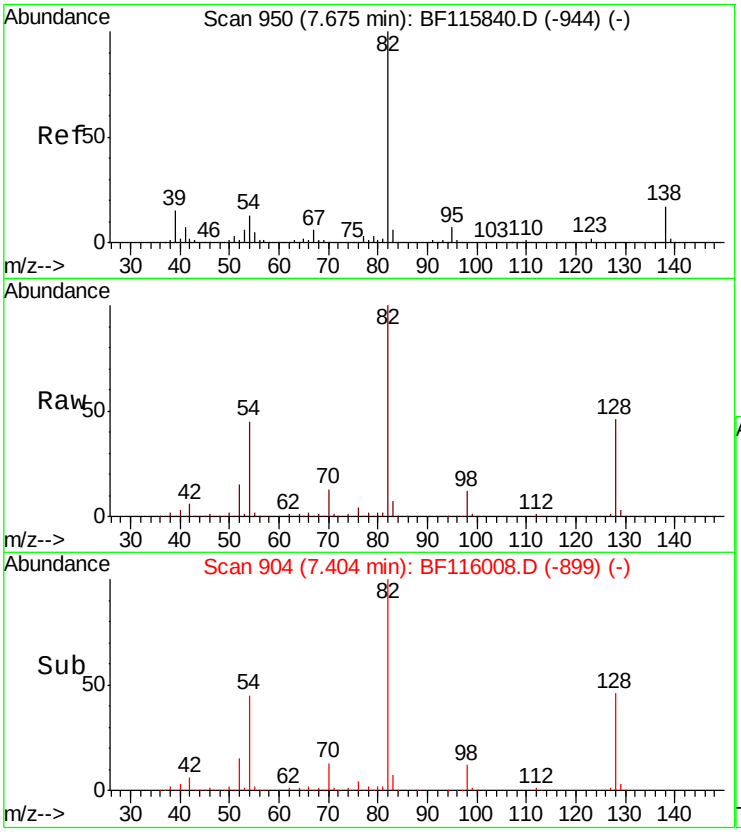


#23
Nitrobenzene-d5
Concen: 65.063 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion: 82 Resp: 546097

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	44.6	36.6	55.0



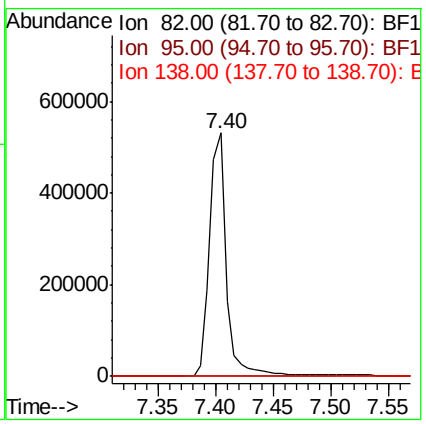


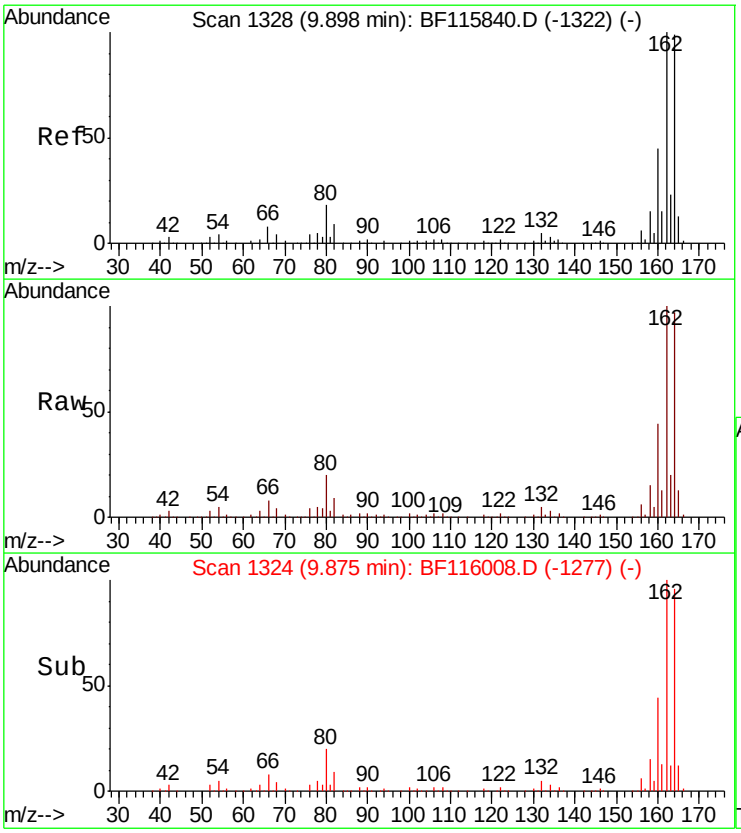
#25
Isophorone
Concen: 34.026 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 546091

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

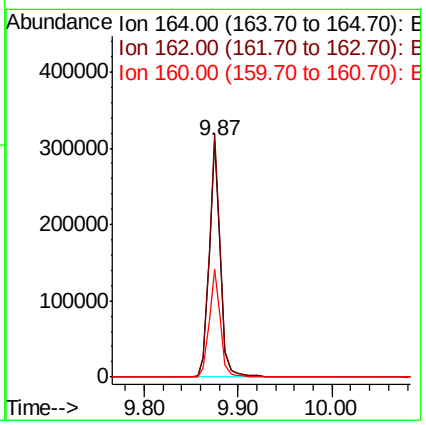


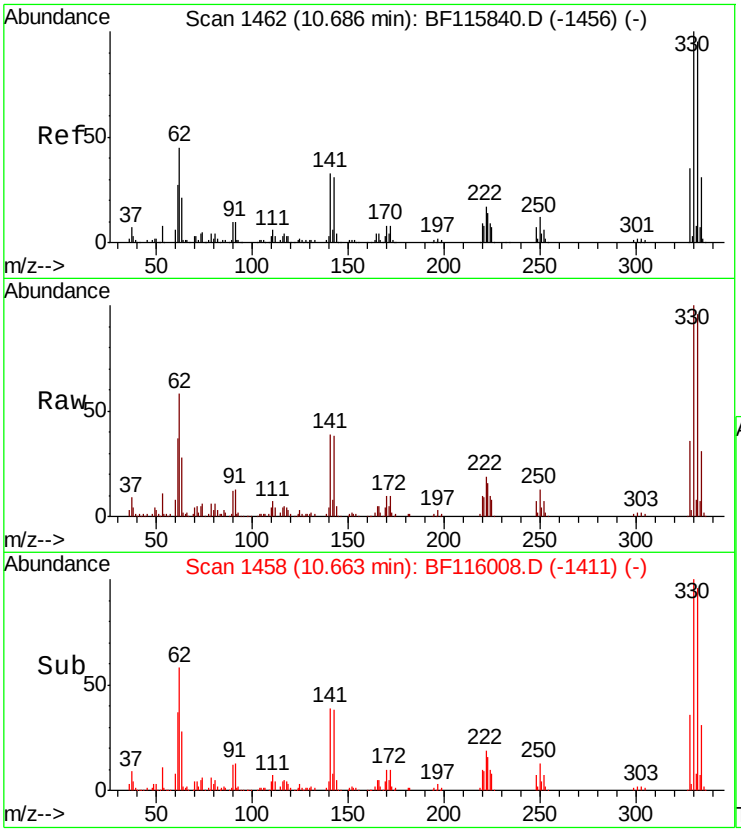


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:164 Resp: 260160

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.8	121.2
160	45.5	36.2	54.4



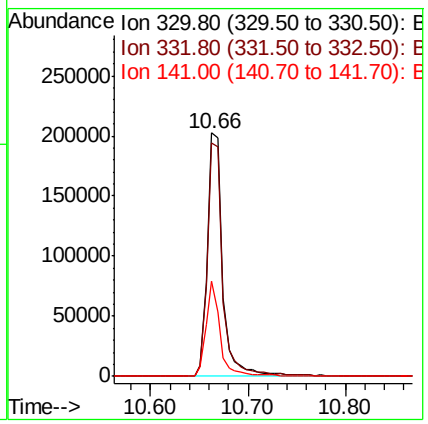


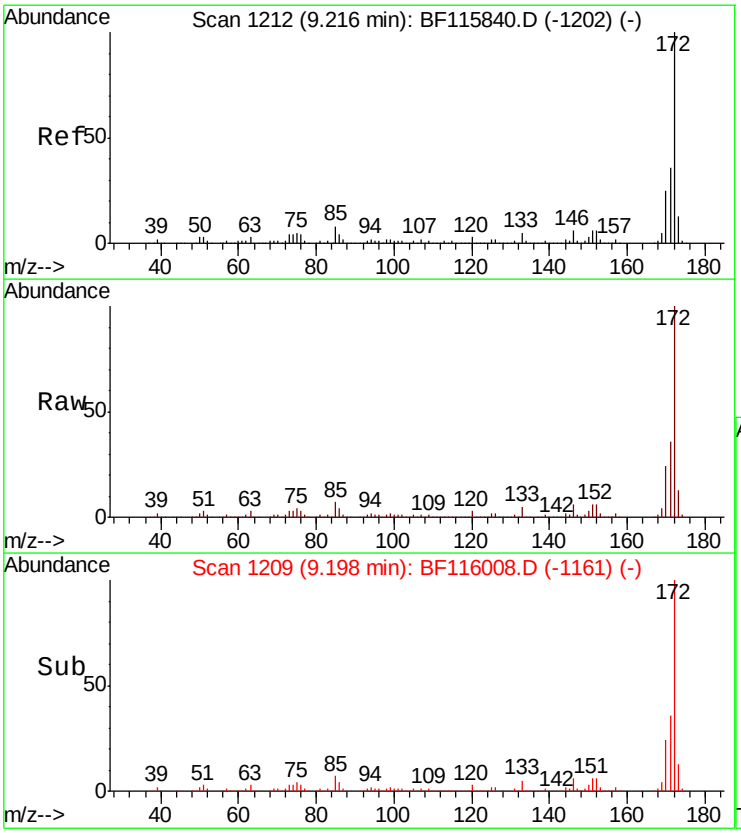
#42
2,4,6-Tribromophenol
Concen: 88.309 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 222743

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	35.9	28.1	42.1

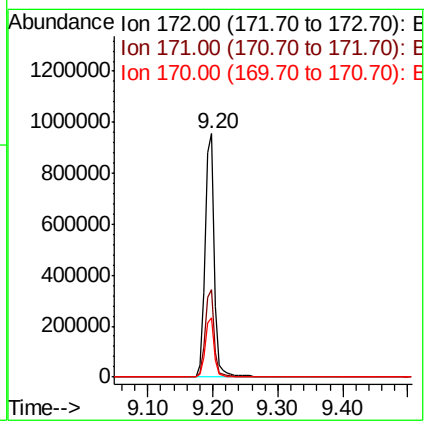


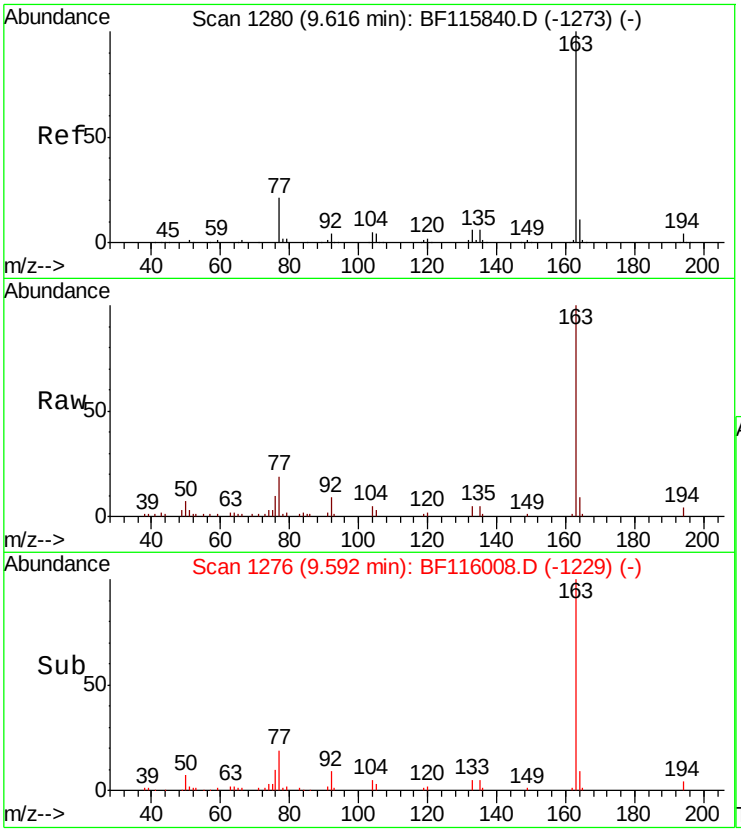


#45
2-Fluorobiphenyl
Concen: 67.862 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:172 Resp: 942562

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.2	20.1	30.1

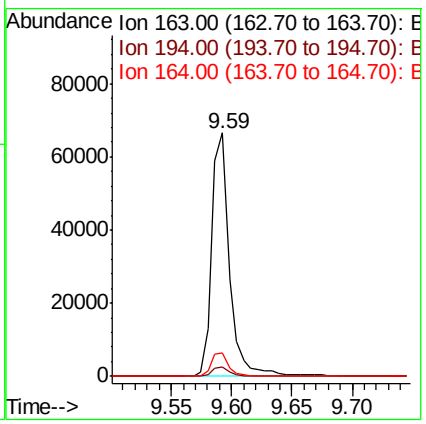




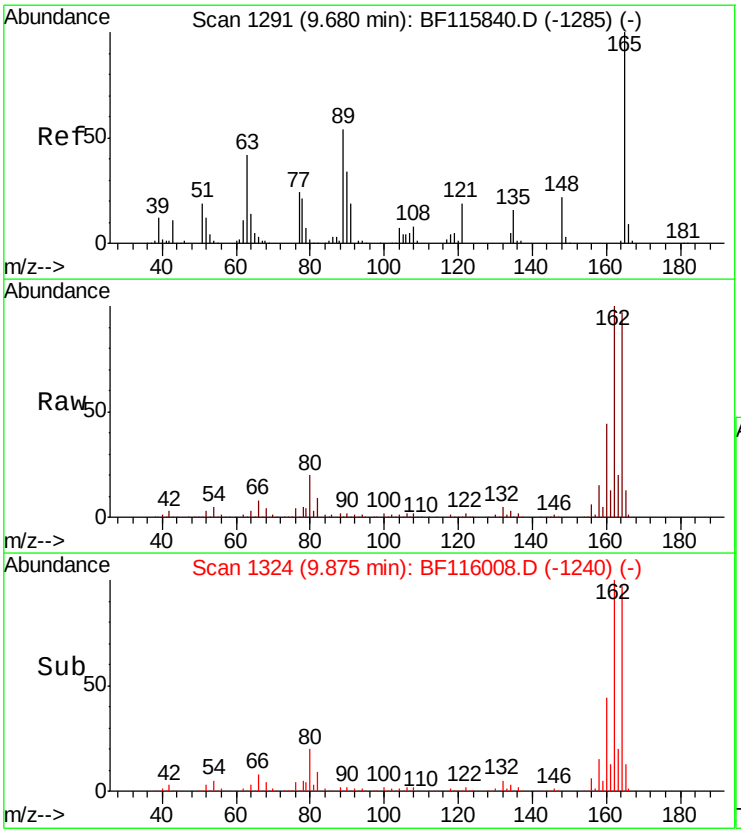
#50
Dimethylphthalate
Concen: 3.788 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:163 Resp: 67102

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.4	8.4	12.6



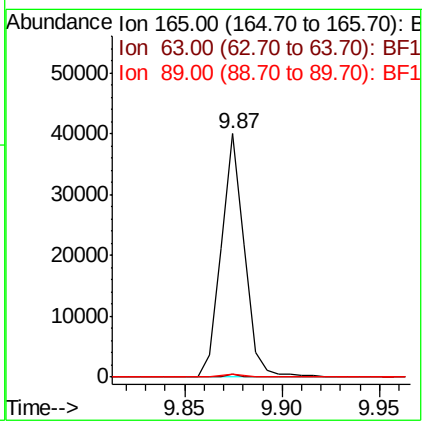
Instrument :
BNA_F
ClientSampleId :

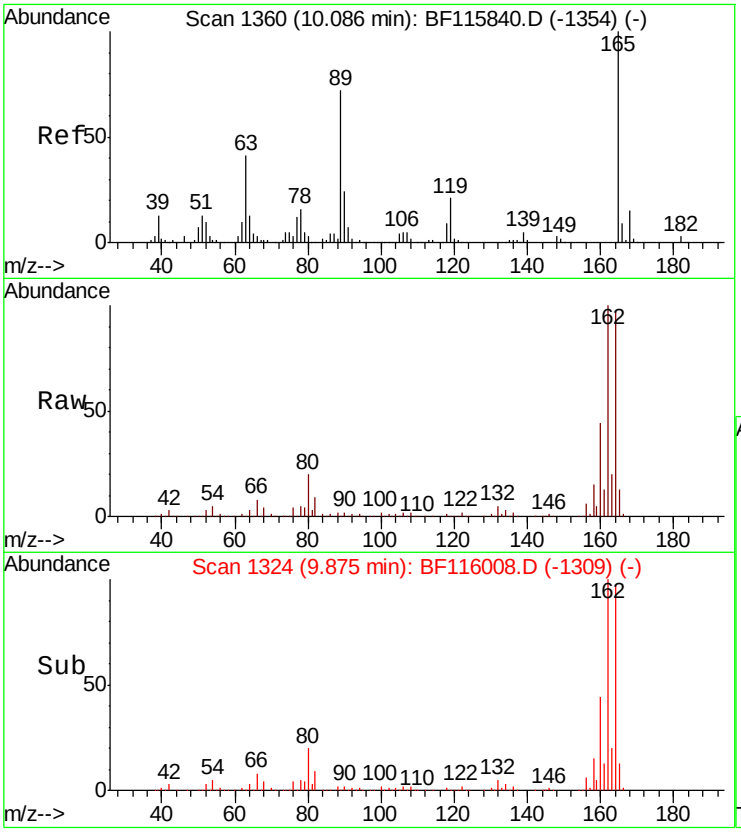


#51
2,6-Dinitrotoluene
Concen: 8.558 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.19 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:165 Resp: 32946

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.4	43.0	64.6#



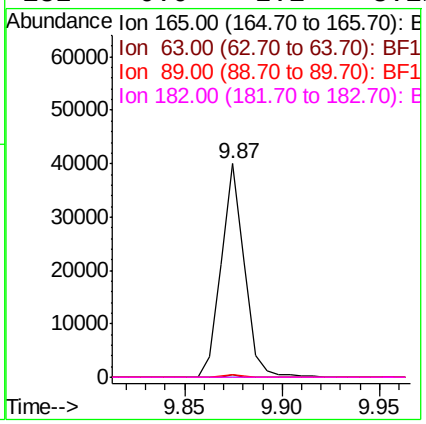


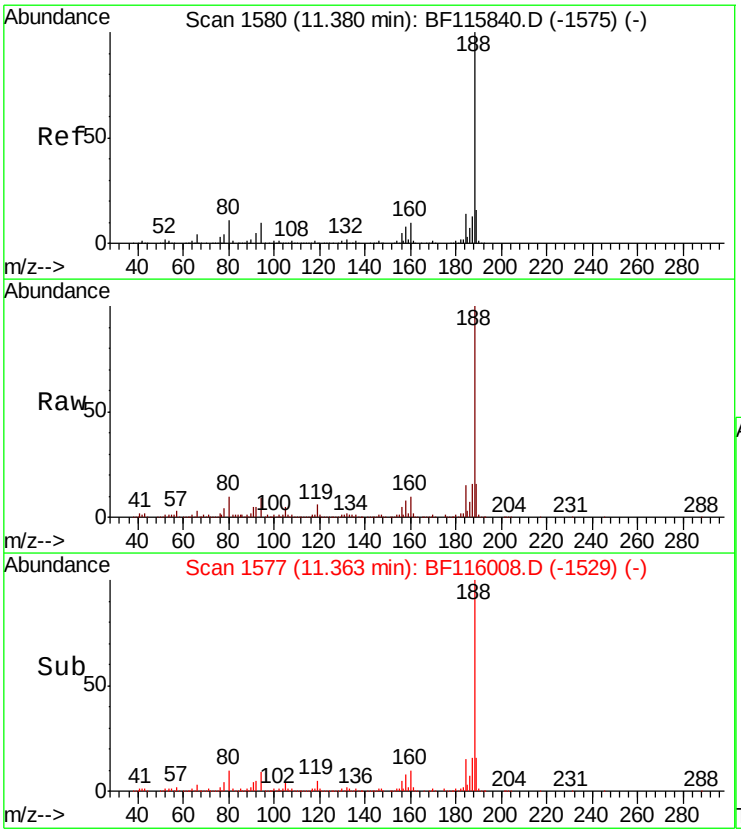
#57
2,4-Dinitrotoluene
Concen: 6.428 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32946

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.4	57.3	85.9#
182	0.0	2.1	3.1#

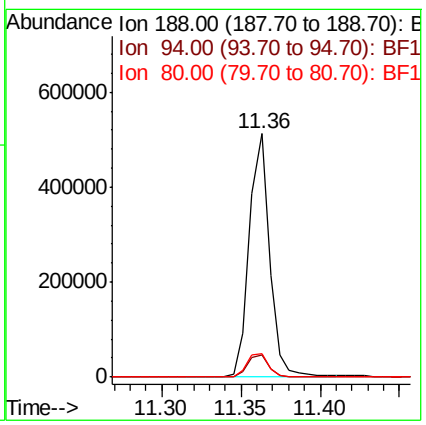


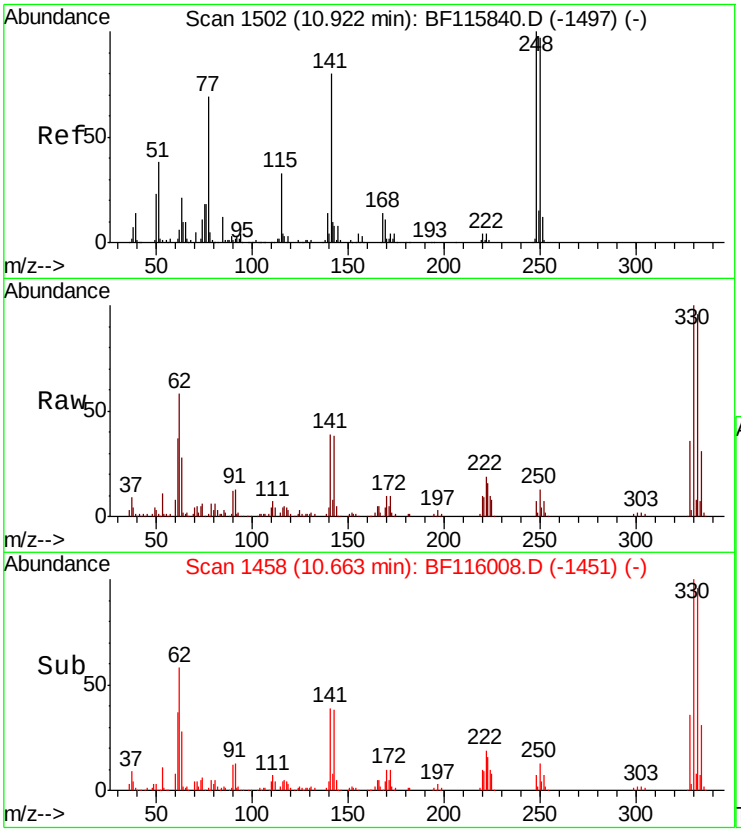


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:188 Resp: 457476

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8



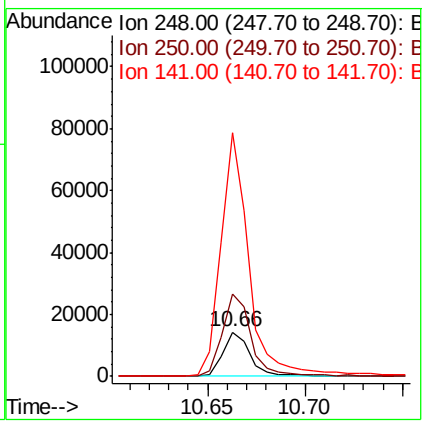


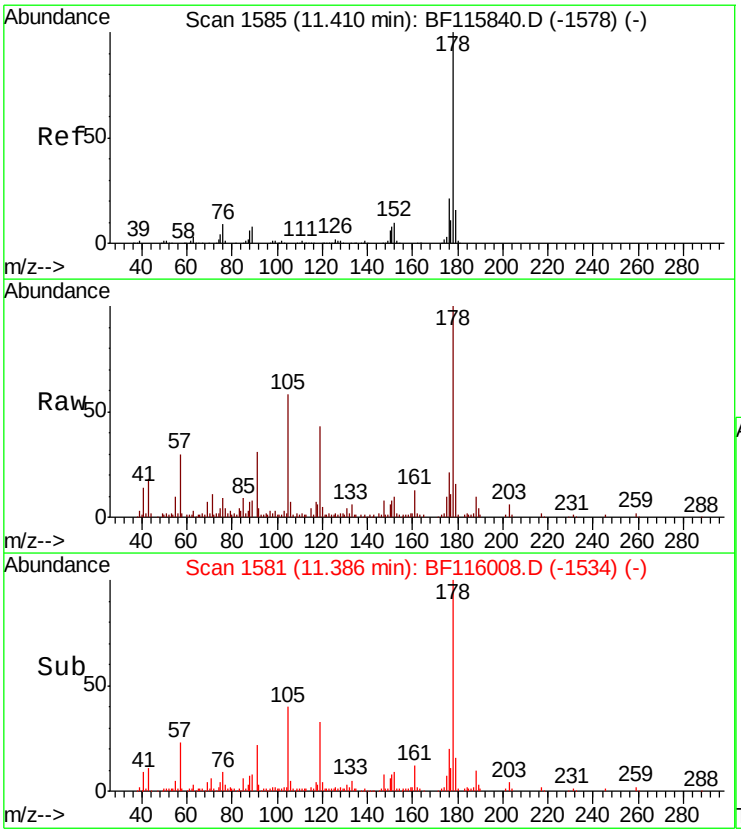
#67
4-Bromophenyl-phenylether
Concen: 2.840 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13909

Ion	Ratio	Lower	Upper
248	100		
250	186.9	77.8	116.6#
141	550.5	64.3	96.5#

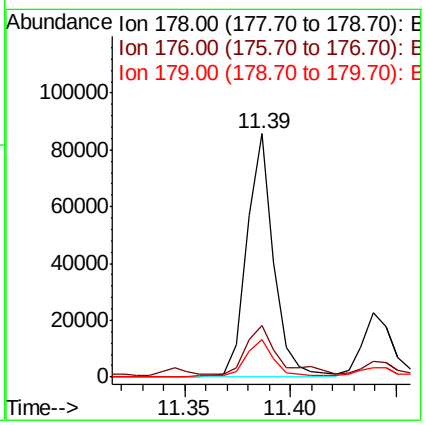


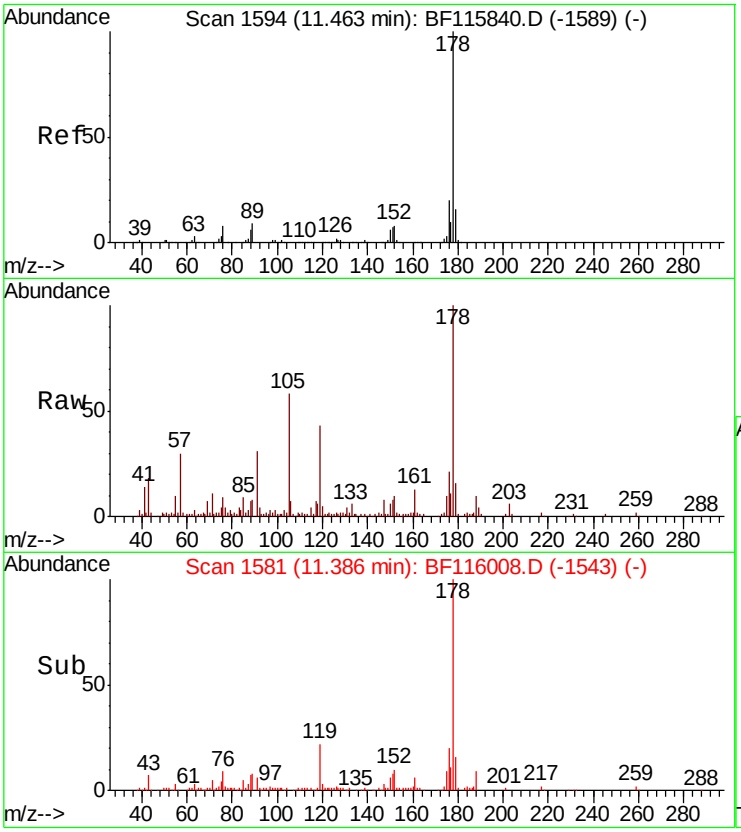


#71
Phenanthrene
Concen: 3.230 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:178 Resp: 75543

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.5	24.7
179	15.6	12.6	18.8



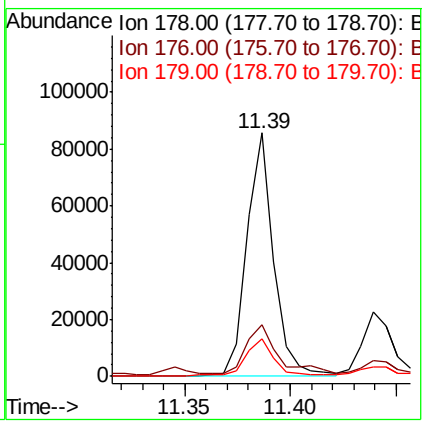


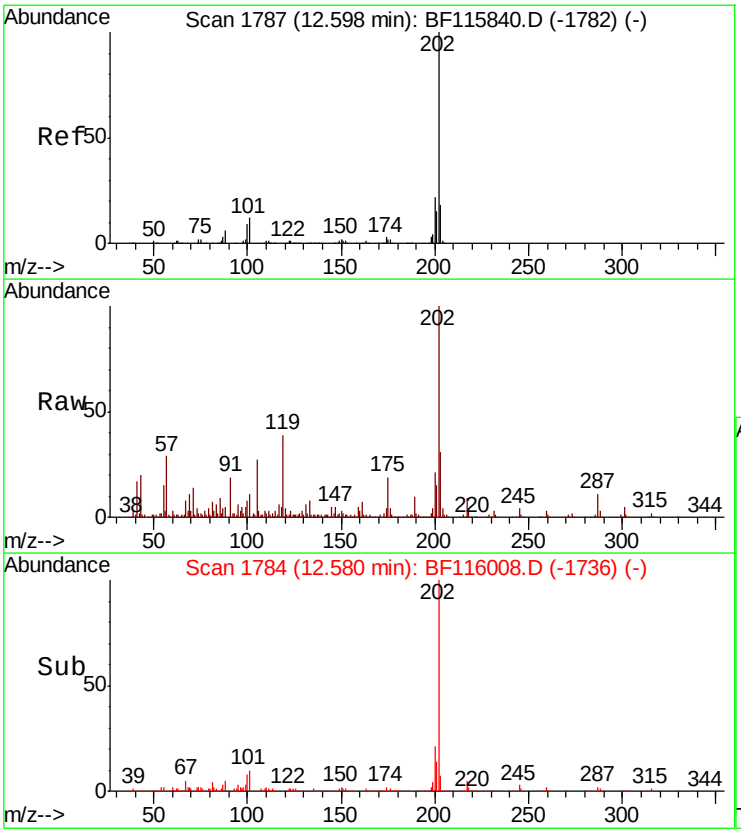
#72
Anthracene
Concen: 3.192 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.08 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 75543

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	15.6	12.4	18.6

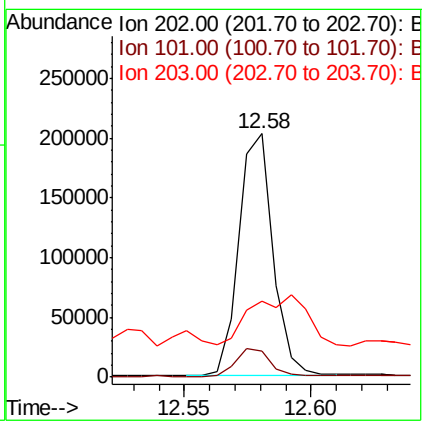


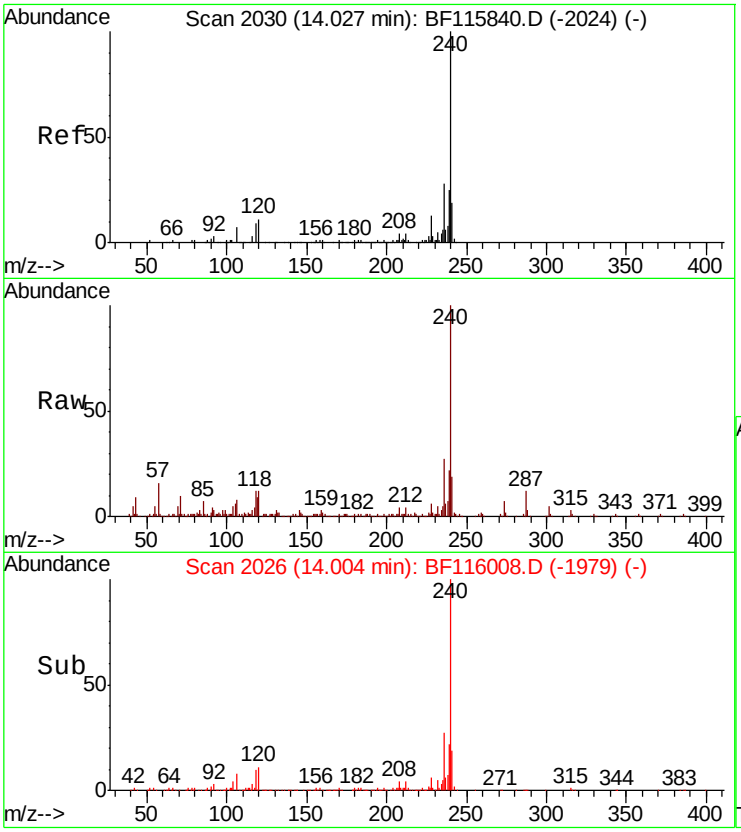


#75
Fluoranthene
Concen: 7.784 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:202 Resp: 190584

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	31.3	0.0	37.9



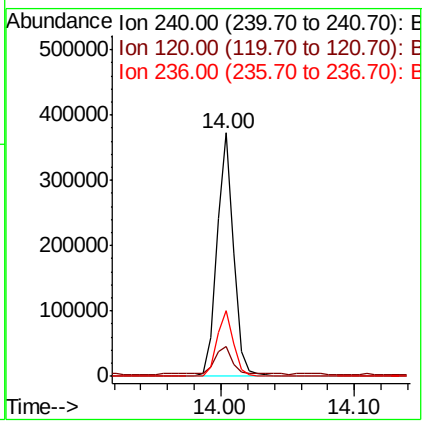


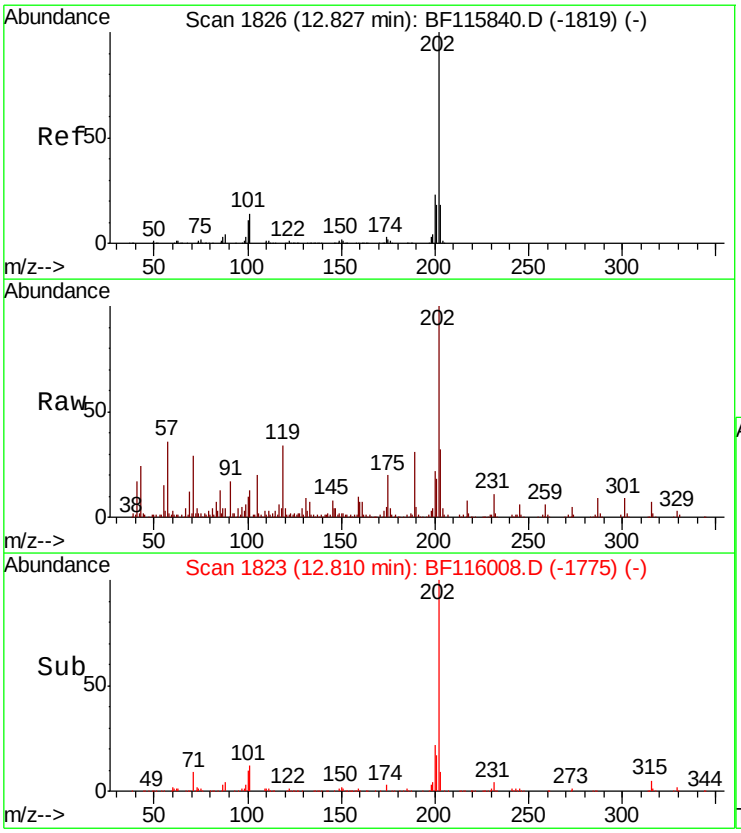
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 326566

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.5	12.7
236	26.8	22.2	33.2

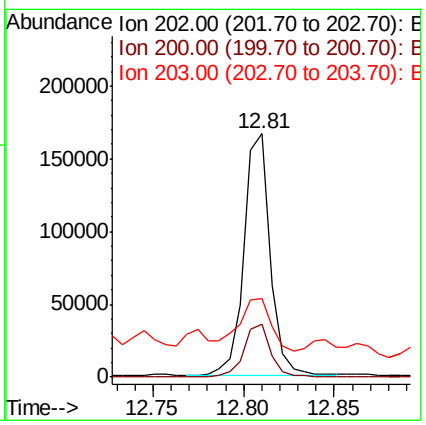


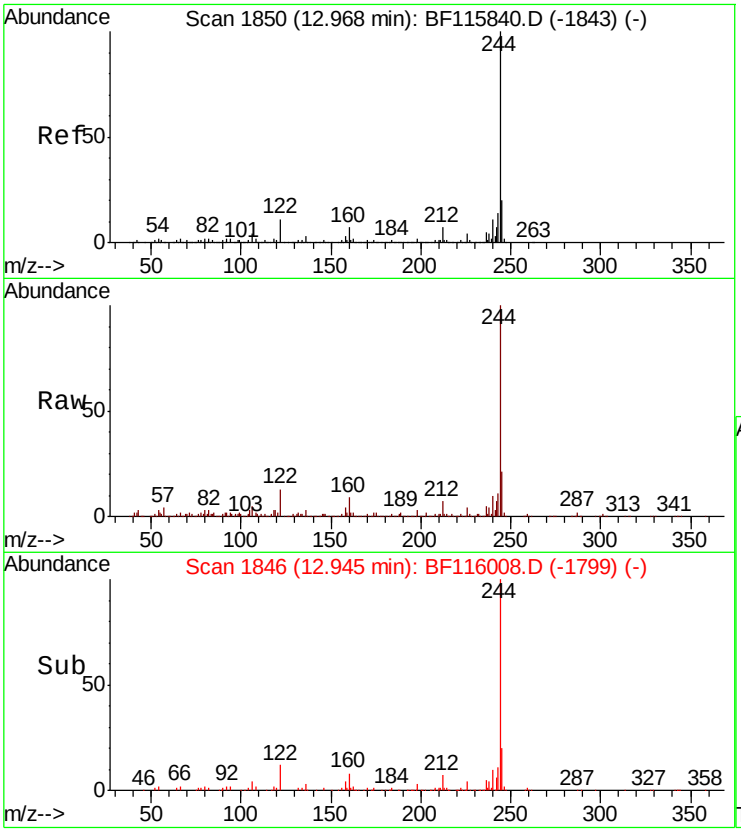


#78
Pyrene
Concen: 6.754 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:202 Resp: 166259

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	32.2	14.3	21.5#



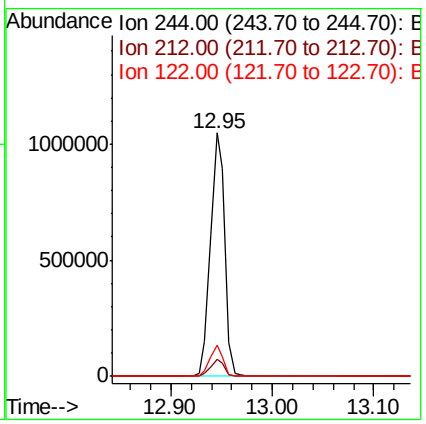


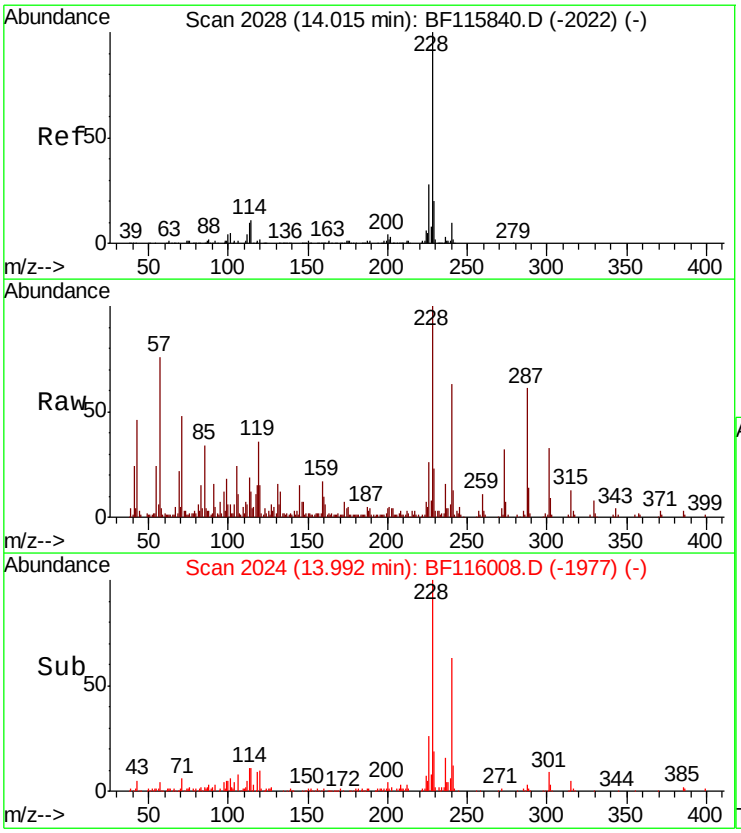
#79
Terphenyl-d14
Concen: 65.795 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1019686

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.6	8.6	13.0

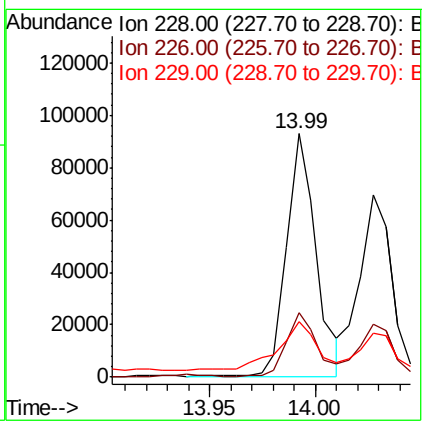


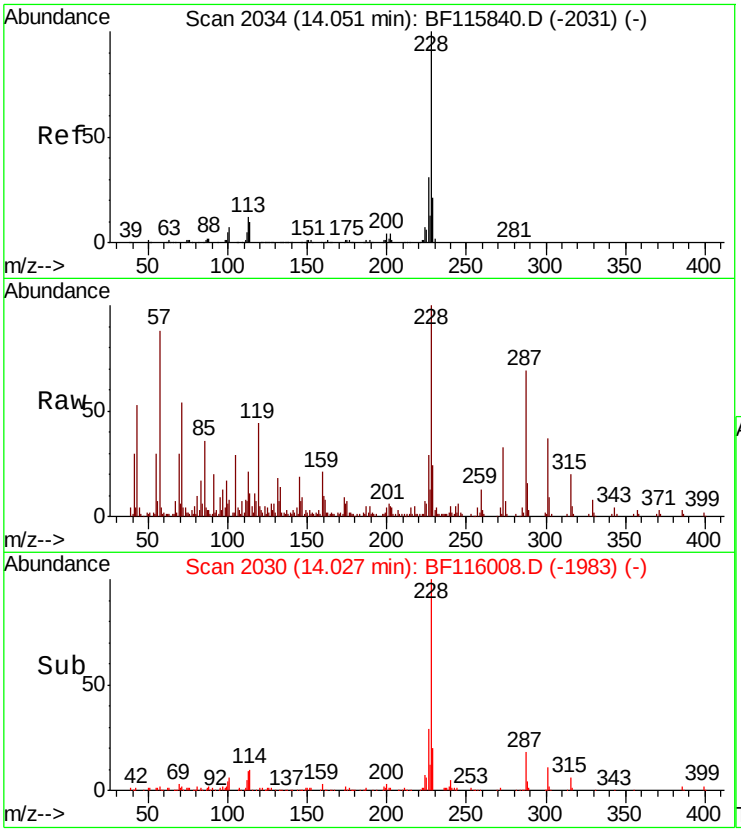


#81
Benzo(a)anthracene
Concen: 4.324 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:228 Resp: 90253

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.5	33.7
229	22.8	16.1	24.1



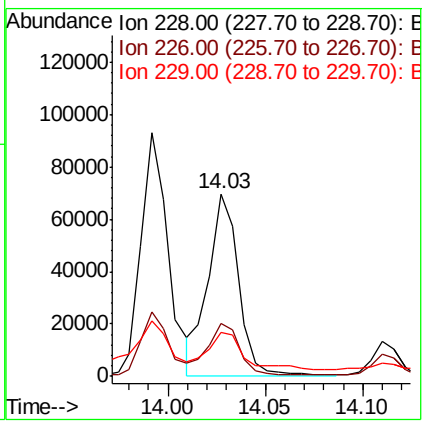


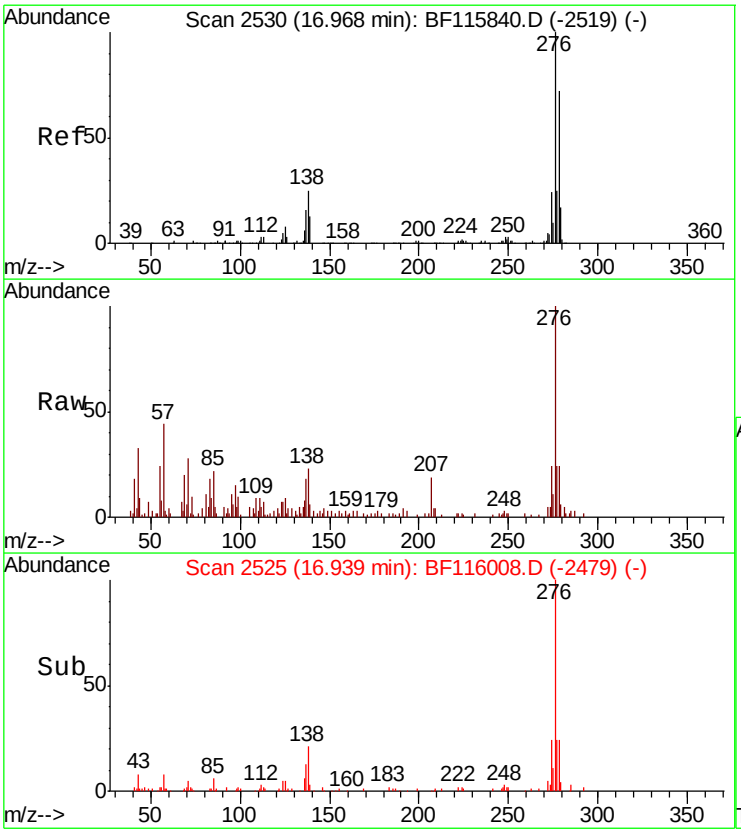
#83
Chrysene
Concen: 3.702 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 75014

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.8	37.2
229	24.1	16.4	24.6

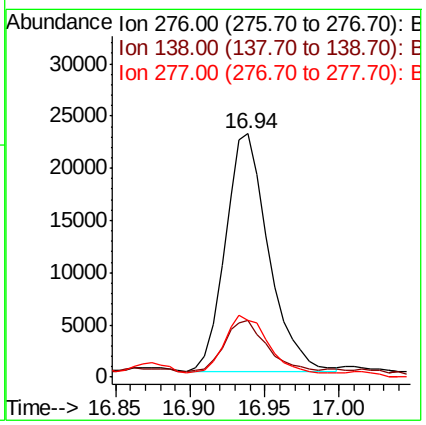


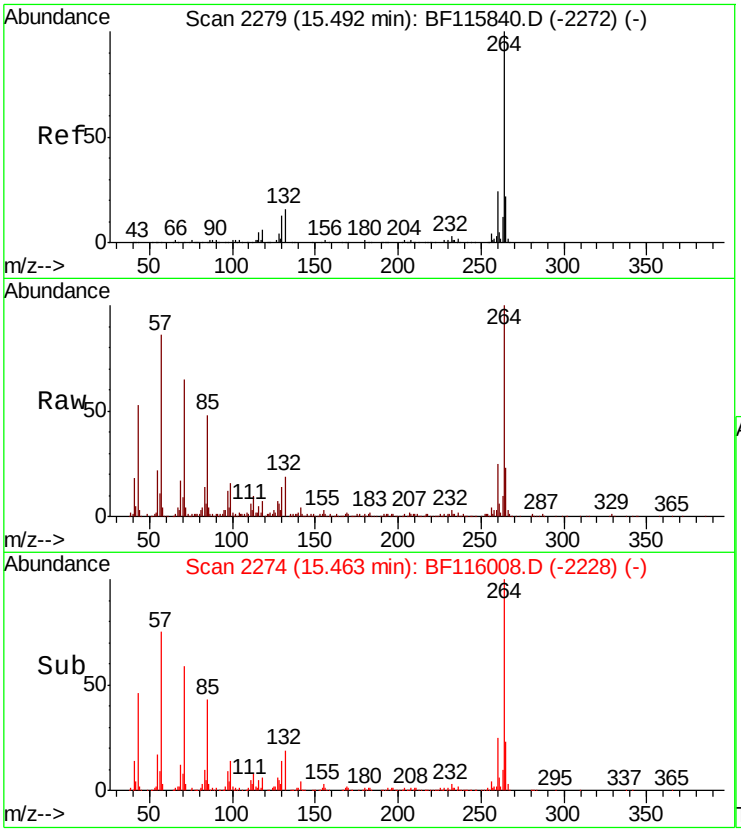


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.715 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:276 Resp: 46202

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.6	29.4
277	25.0	20.1	30.1



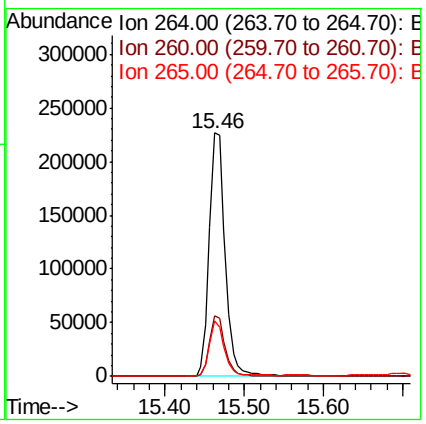


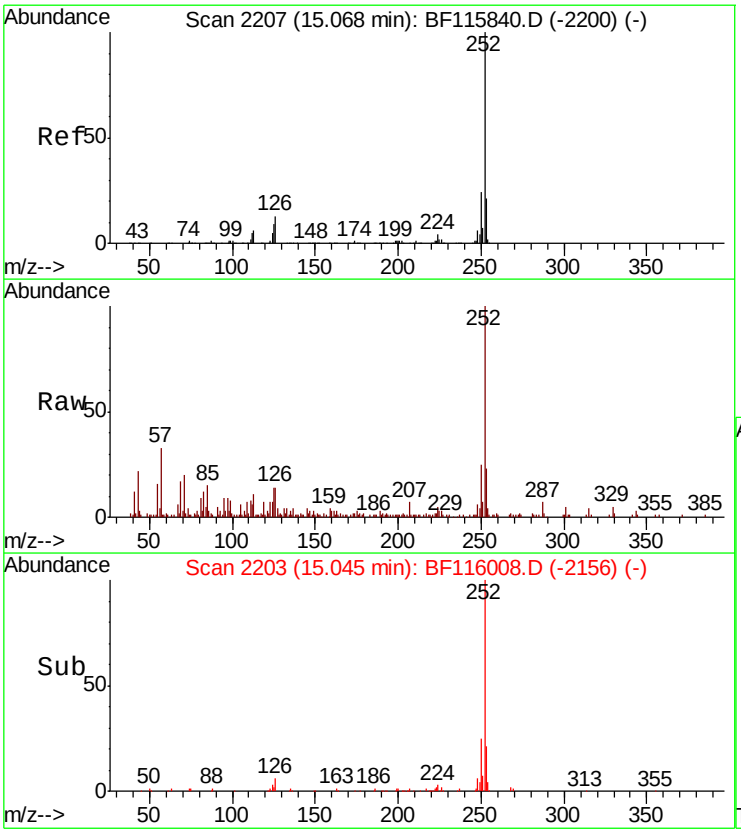
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 316759

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	23.0	17.5	26.3

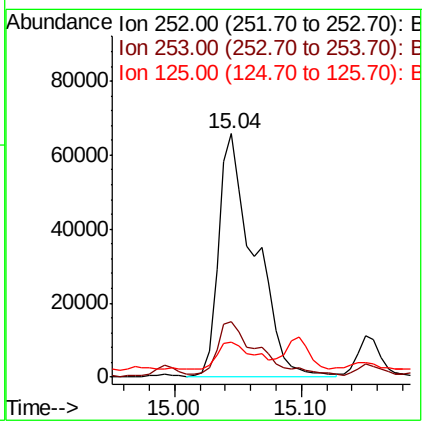


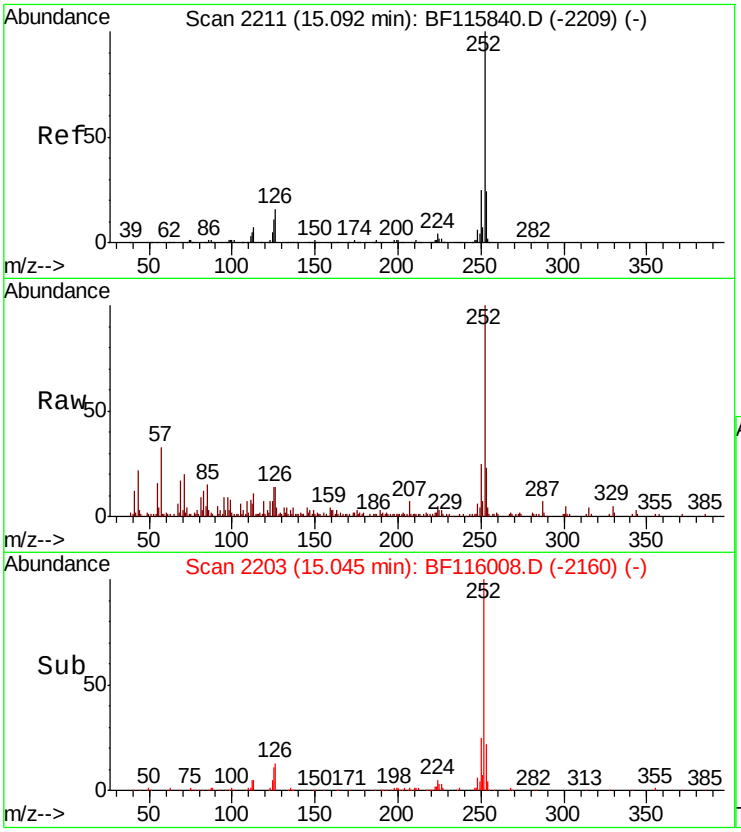


#88
Benzo(b)fluoranthene
Concen: 7.117 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:252 Resp: 130353

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.3	7.4	11.0#



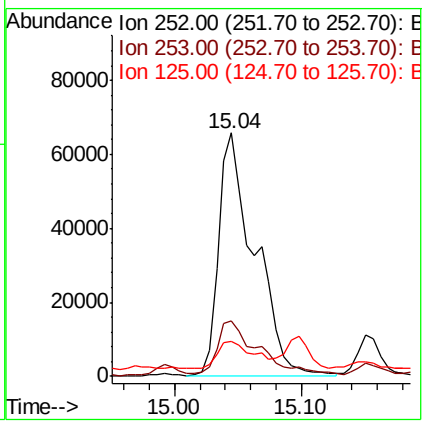


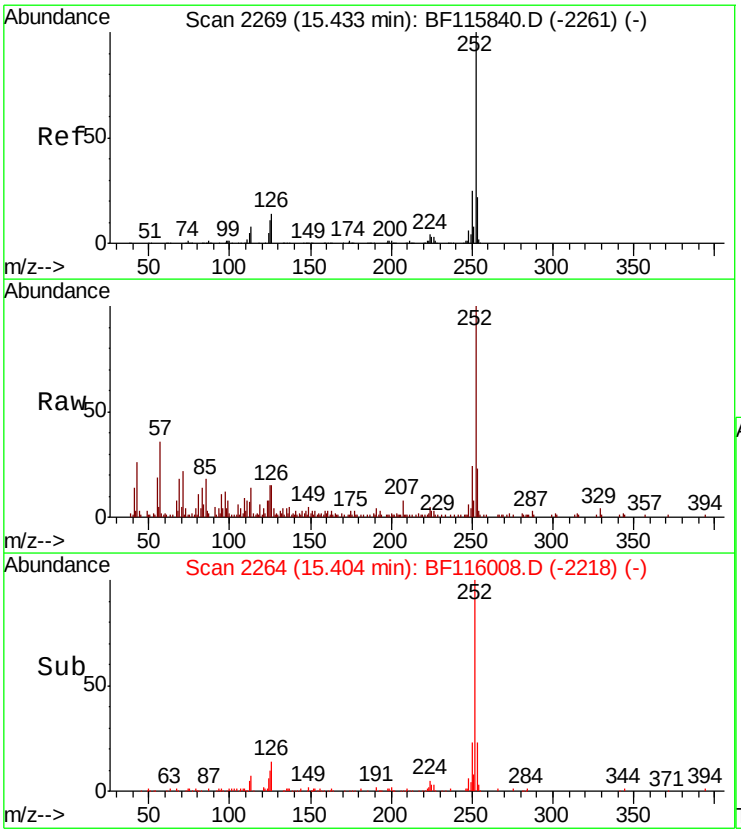
#89
Benzo(k)fluoranthene
Concen: 7.307 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.05 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 130353

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.3	8.9	13.3#

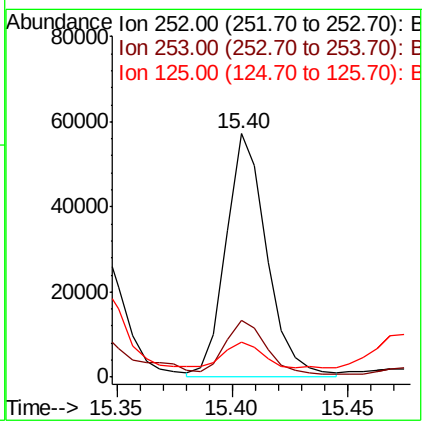


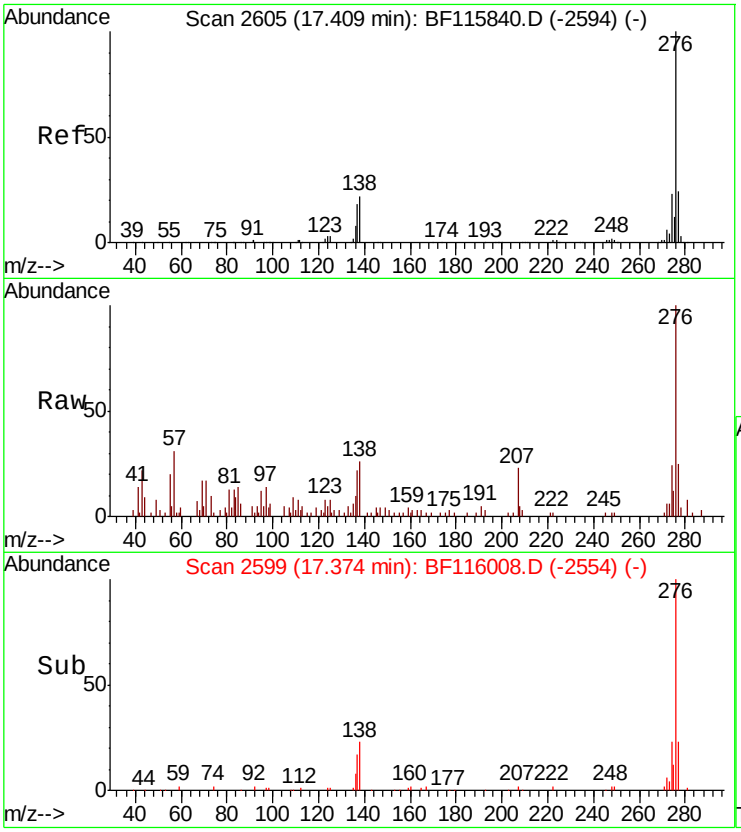


#90
Benzo(a)pyrene
Concen: 4.266 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Tgt Ion:252 Resp: 69838

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	14.6	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.329 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF116008.D
Acq: 6 Aug 2019 13:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 46341

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	25.6	17.8	26.8